

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
 Data File : BG018158.D
 Acq On : 28 Jul 2015 22:08
 Operator : TP/UM
 Sample : G3048-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.700	678	683	694	rVB	65963	111953	10.07%	0.431%
2	6.853	703	709	722	rVB	56502	90256	8.12%	0.348%
3	7.047	737	742	750	rVV	80183	119230	10.73%	0.459%
4	7.511	812	821	830	rBV	188040	303637	27.32%	1.170%
5	8.234	938	944	950	rBV	59590	93069	8.37%	0.359%
6	8.663	1012	1017	1028	rVV	66375	121662	10.95%	0.469%
7	9.386	1133	1140	1145	rBV4	69591	125112	11.26%	0.482%
8	9.497	1152	1159	1165	rVV6	55520	127429	11.46%	0.491%
9	9.703	1189	1194	1200	rVV2	160221	272896	24.55%	1.051%
10	9.773	1202	1206	1214	rVB3	41052	76985	6.93%	0.297%
11	9.885	1214	1225	1228	rBV4	52153	146043	13.14%	0.563%
12	9.926	1228	1232	1239	rVB2	115720	187946	16.91%	0.724%
13	10.003	1239	1245	1255	rBV	60122	111041	9.99%	0.428%
14	10.214	1276	1281	1285	rVV4	57530	97868	8.80%	0.377%
15	10.290	1285	1294	1300	rVV2	387971	776508	69.86%	2.992%
16	10.349	1300	1304	1311	rVV4	148646	317551	28.57%	1.224%
17	10.414	1311	1315	1322	rVV2	143352	271974	24.47%	1.048%
18	10.473	1322	1325	1329	rVB2	63166	84551	7.61%	0.326%
19	10.520	1329	1333	1341	rVB2	102966	180932	16.28%	0.697%
20	10.608	1341	1348	1352	rBV2	47331	95372	8.58%	0.367%
21	10.672	1352	1359	1363	rBV2	80406	144310	12.98%	0.556%
22	10.737	1363	1370	1376	rBV4	37098	88909	8.00%	0.343%
23	10.925	1397	1402	1405	rBV3	49556	78189	7.03%	0.301%
24	11.019	1411	1418	1423	rVB4	96964	258139	23.22%	0.995%
25	11.084	1423	1429	1433	rBV	98051	168573	15.17%	0.650%
26	11.207	1444	1450	1458	rVB5	84231	194821	17.53%	0.751%
27	11.277	1459	1462	1467	rVB2	40807	59023	5.31%	0.227%
28	11.336	1467	1472	1480	rBV5	140892	362853	32.64%	1.398%
29	11.407	1480	1484	1490	rVB	92019	142086	12.78%	0.547%
30	11.466	1490	1494	1496	rBV3	57818	85846	7.72%	0.331%
31	11.495	1496	1499	1503	rVV3	73615	101624	9.14%	0.392%
32	11.589	1507	1515	1519	rBV4	45941	125103	11.25%	0.482%
33	11.636	1520	1523	1528	rVB	54283	75317	6.78%	0.290%
34	11.695	1529	1533	1535	rBV	36325	49141	4.42%	0.189%

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 Title : SVOA CALIBRATION

35	11.730	1535	1539	1542	rBV	47427	65277	5.87%	0.252%
36	11.783	1542	1548	1551	rBV6	56273	121613	10.94%	0.469%
37	11.842	1555	1558	1566	rVB4	88775	201836	18.16%	0.778%
38	11.941	1567	1575	1577	rBV2	141418	260415	23.43%	1.003%
39	11.977	1577	1581	1589	rVB	350293	576137	51.83%	2.220%
40	12.077	1589	1598	1602	rBV4	50556	123352	11.10%	0.475%
41	12.194	1612	1618	1623	rBV2	265501	452043	40.67%	1.742%
42	12.288	1628	1634	1637	rBV2	58289	102754	9.24%	0.396%
43	12.382	1644	1650	1651	rBV6	26160	47692	4.29%	0.184%
44	12.406	1652	1654	1659	rVV2	47041	76769	6.91%	0.296%
45	12.453	1659	1662	1667	rVV4	59083	98752	8.88%	0.380%
46	12.517	1667	1673	1678	rVB6	85062	167605	15.08%	0.646%
47	12.594	1682	1686	1694	rVB5	62514	131003	11.79%	0.505%
48	12.693	1694	1703	1705	rBV3	103710	214374	19.29%	0.826%
49	12.717	1705	1707	1712	rVB2	109611	145507	13.09%	0.561%
50	12.835	1723	1727	1733	rBV4	58232	114263	10.28%	0.440%
51	12.987	1748	1753	1755	rBV4	38021	64492	5.80%	0.248%
52	13.111	1770	1774	1780	rVB2	76969	132283	11.90%	0.510%
53	13.205	1787	1790	1793	rBV	45736	58637	5.28%	0.226%
54	13.340	1807	1813	1814	rBV	140061	183791	16.53%	0.708%
55	13.451	1829	1832	1835	rBV4	33775	48995	4.41%	0.189%
56	13.498	1835	1840	1845	rVV	205100	355378	31.97%	1.369%
57	13.557	1845	1850	1854	rVV	202326	304910	27.43%	1.175%
58	13.598	1854	1857	1862	rVV	196860	262067	23.58%	1.010%
59	13.645	1862	1865	1868	rVV	83057	118836	10.69%	0.458%
60	13.681	1868	1871	1875	rVV3	93194	127556	11.48%	0.491%
61	13.739	1876	1881	1884	rVV2	75501	117914	10.61%	0.454%
62	13.874	1899	1904	1908	rBV	153630	217633	19.58%	0.839%
63	14.010	1924	1927	1936	rVB4	52187	86143	7.75%	0.332%
64	14.186	1947	1957	1963	rBV2	436625	760338	68.40%	2.930%
65	14.245	1964	1967	1971	rVV2	39669	59994	5.40%	0.231%
66	14.409	1990	1995	2004	rVB3	62144	156567	14.09%	0.603%
67	14.591	2022	2026	2032	rVB4	57013	112629	10.13%	0.434%
68	14.668	2036	2039	2043	rVB	55586	71738	6.45%	0.276%
69	14.726	2045	2049	2055	rVB4	58966	87241	7.85%	0.336%
70	14.820	2060	2065	2067	rBV2	46113	80176	7.21%	0.309%
71	14.979	2087	2092	2096	rBV3	75871	129242	11.63%	0.498%

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Integration Parameters: LSCINT.P

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72	15.185	2123	2127	2132	rVB	237116	336074	30.23%	1.295%
73	15.243	2132	2137	2140	rBV2	79139	123505	11.11%	0.476%
74	15.467	2170	2175	2182	rBV2	136483	237979	21.41%	0.917%
75	15.948	2251	2257	2263	rVB	257581	446575	40.17%	1.721%
76	16.771	2393	2397	2404	rVB2	184419	302995	27.26%	1.167%
77	16.941	2422	2426	2430	rBV2	443120	655657	58.98%	2.526%
78	16.983	2430	2433	2438	rVB	279841	385988	34.72%	1.487%
79	17.041	2439	2443	2447	rBV2	193641	264898	23.83%	1.021%
80	18.023	2606	2610	2615	rVB2	440299	591851	53.24%	2.280%
81	18.087	2617	2621	2624	rVB	261722	297916	26.80%	1.148%
82	18.310	2657	2659	2664	rBV2	107784	132033	11.88%	0.509%
83	18.857	2749	2752	2754	rBV2	161605	222182	19.99%	0.856%
84	18.886	2754	2757	2763	rVB2	391681	568235	51.12%	2.189%
85	19.021	2775	2780	2784	rBV	529228	699905	62.97%	2.697%
86	19.086	2788	2791	2796	rVB2	186895	293323	26.39%	1.130%
87	19.168	2801	2805	2810	rVV	529402	796084	71.62%	3.067%
88	19.233	2813	2816	2826	rVB2	287077	423160	38.07%	1.630%
89	19.356	2833	2837	2839	rBV	335870	464788	41.81%	1.791%
90	19.386	2839	2842	2846	rVB	448052	563228	50.67%	2.170%
91	19.509	2861	2863	2868	rVB3	141634	165250	14.87%	0.637%
92	19.621	2878	2882	2887	rVB	624820	822110	73.96%	3.168%
93	19.885	2923	2927	2931	rVB2	375566	511590	46.02%	1.971%
94	19.938	2932	2936	2940	rBV	416092	520801	46.85%	2.007%
95	20.161	2971	2974	2979	rBV2	276861	351834	31.65%	1.356%
96	21.084	3127	3131	3136	rVB	594833	629400	56.62%	2.425%
97	21.154	3138	3143	3146	rBV2	647007	971010	87.35%	3.741%
98	21.419	3184	3188	3192	rBV	984902	1111575	100.00%	4.283%
99	21.636	3223	3225	3231	rVB	202227	218535	19.66%	0.842%
100	23.357	3513	3518	3523	rVB2	433574	763627	68.70%	2.942%

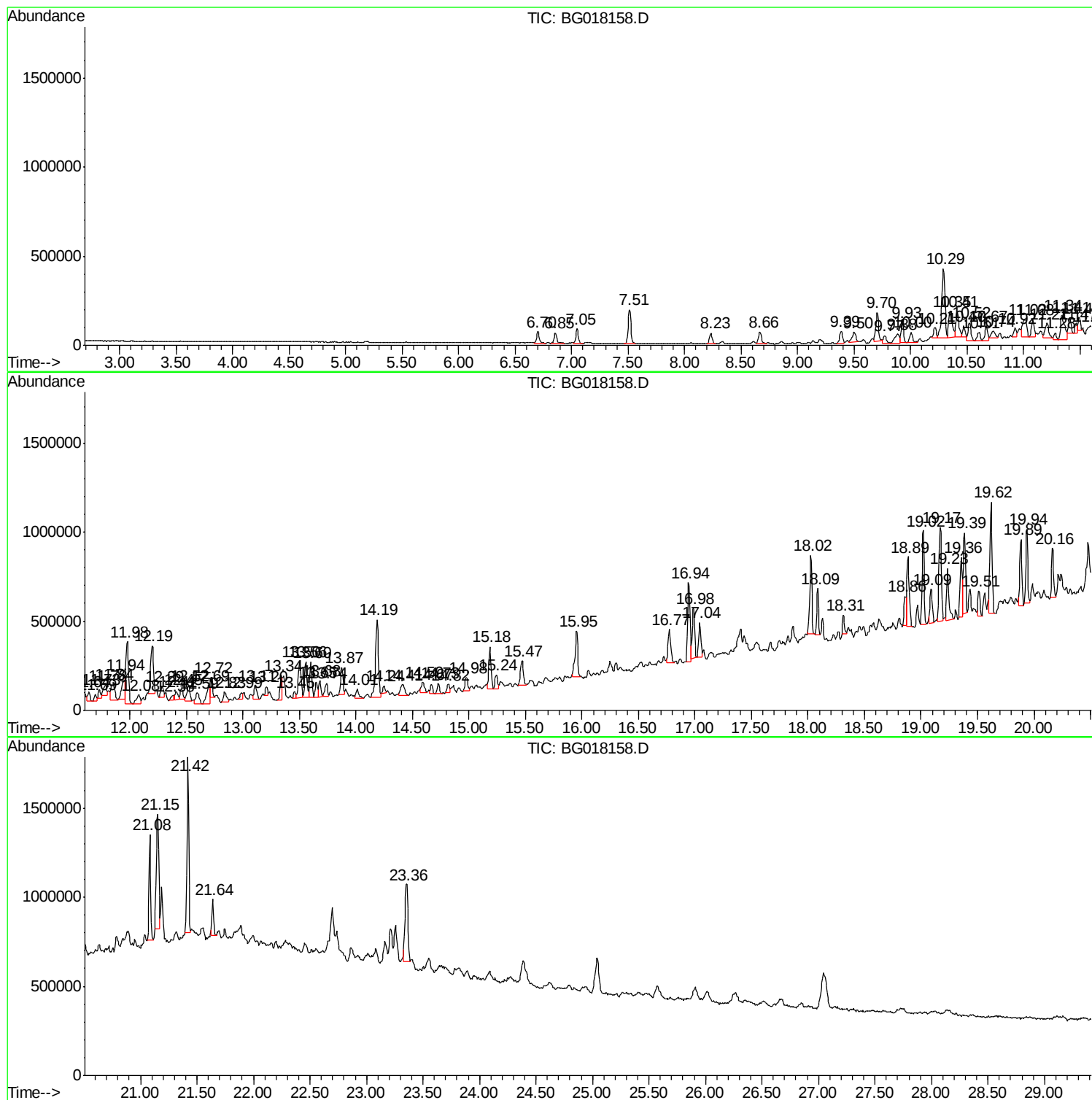
Sum of corrected areas: 25954009

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Instrument :
BNA_G
ClientSampled :
C01X4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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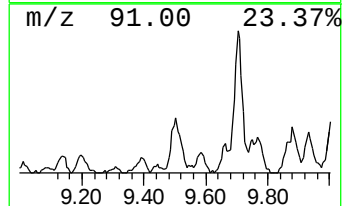
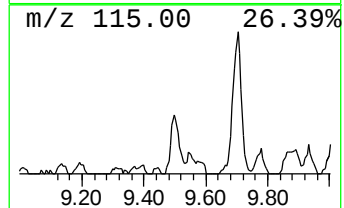
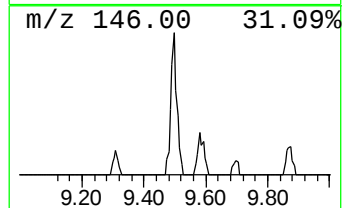
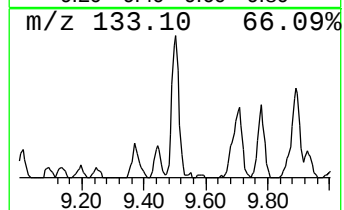
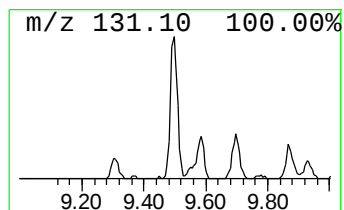
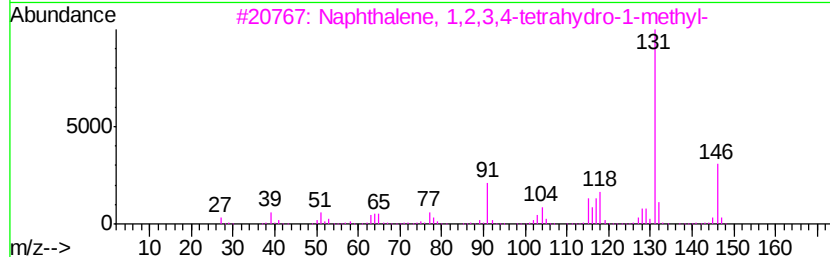
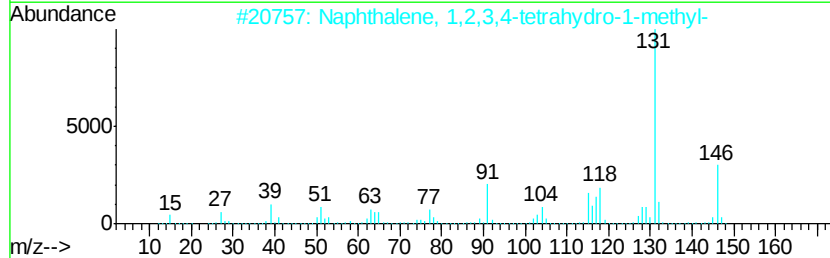
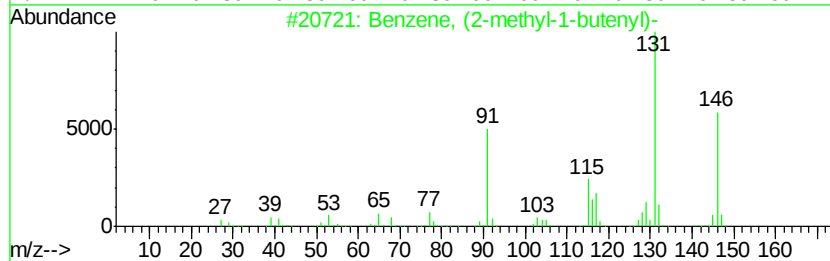
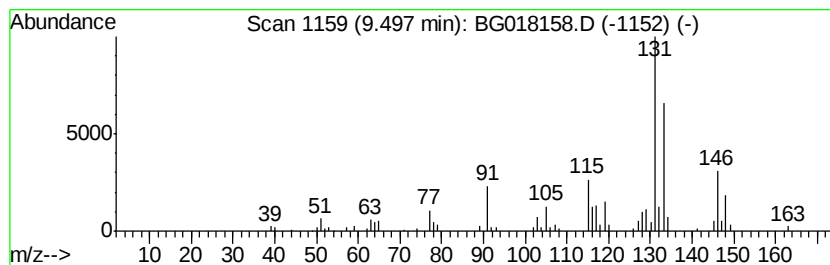
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, (2-methyl-1-butenyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	3.28 ng/ul	127429	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	86
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86



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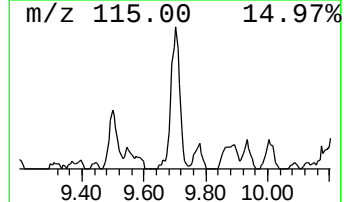
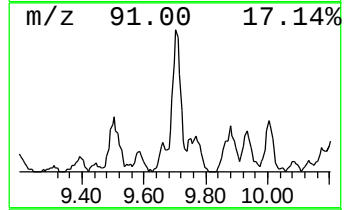
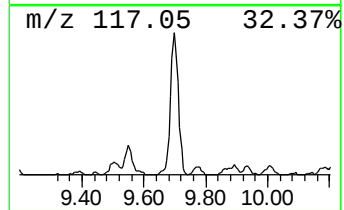
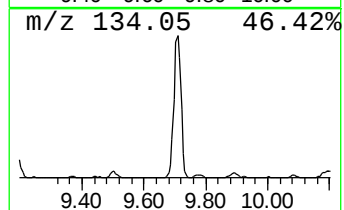
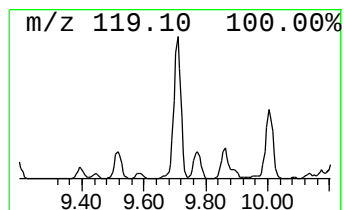
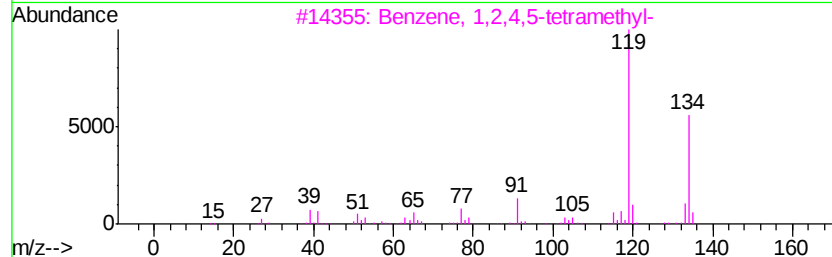
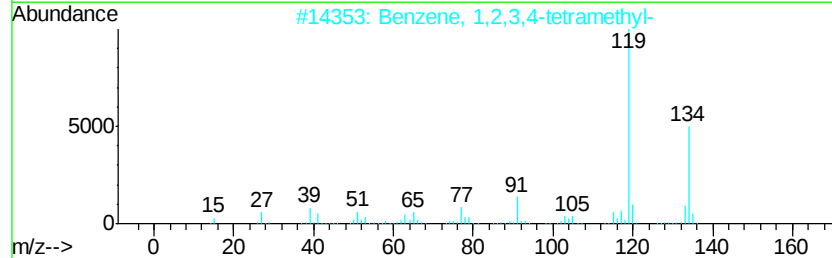
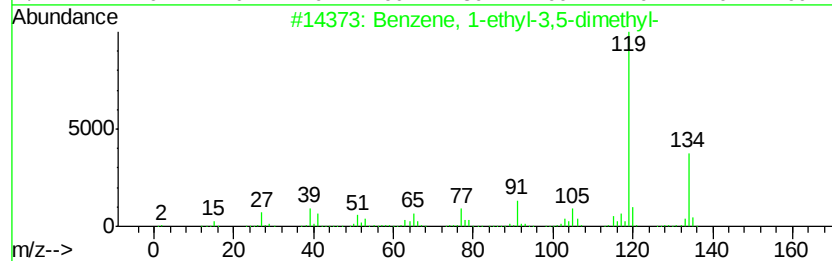
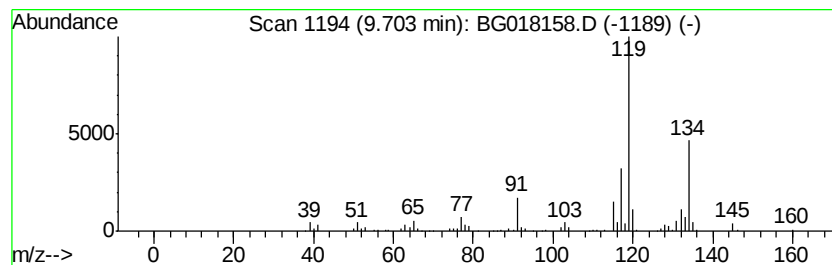
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	7.03 ng/ul	272896	Napthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



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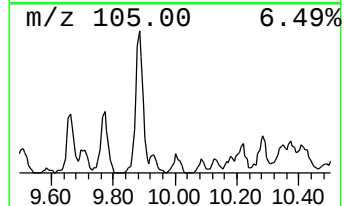
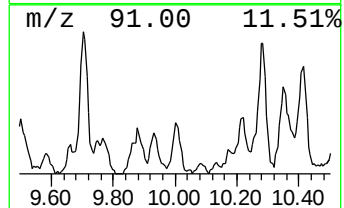
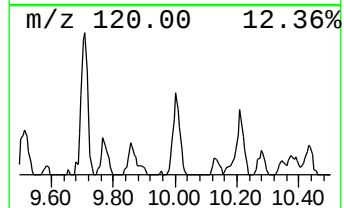
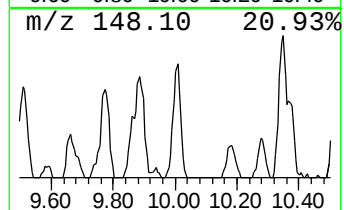
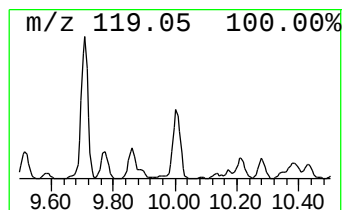
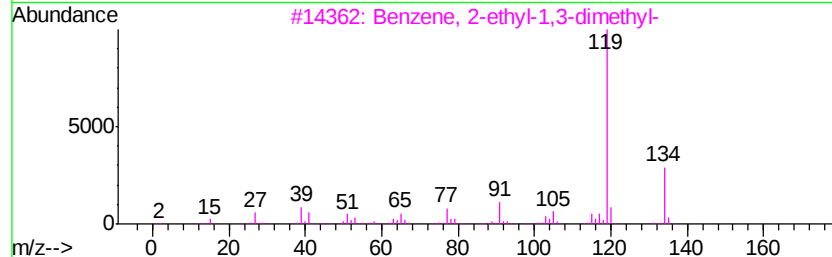
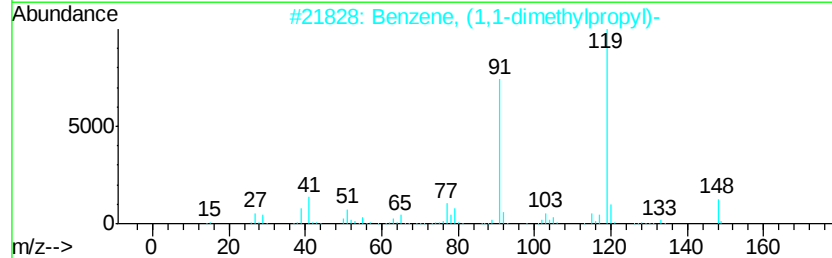
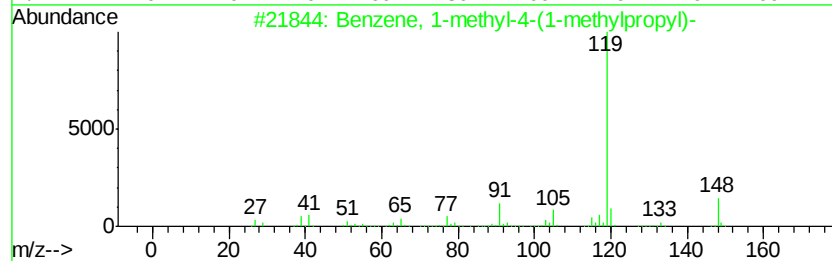
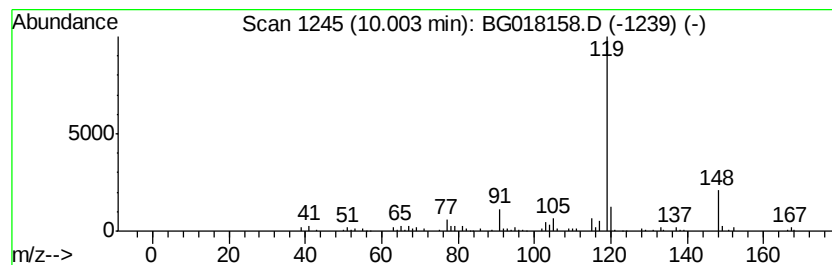
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.86 ng/ul	111041	Napthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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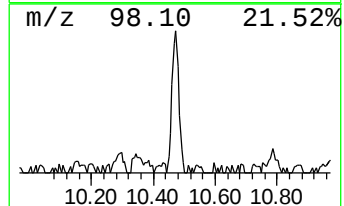
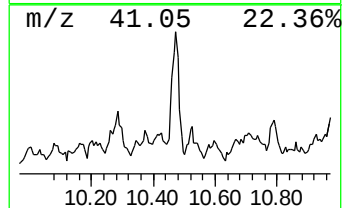
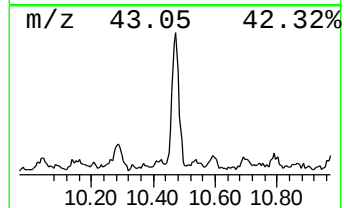
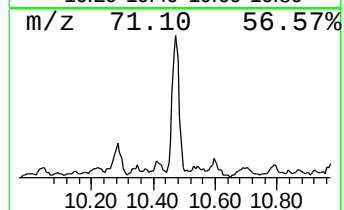
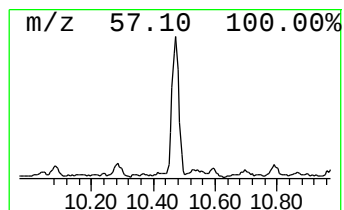
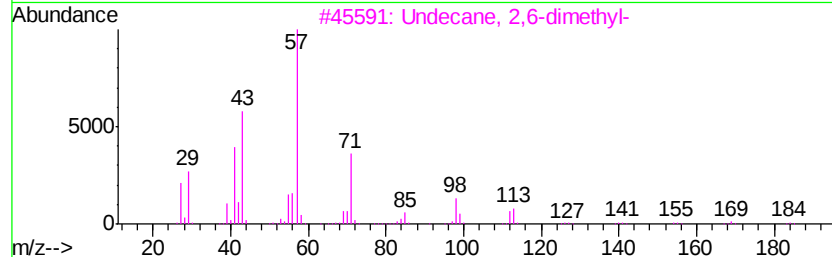
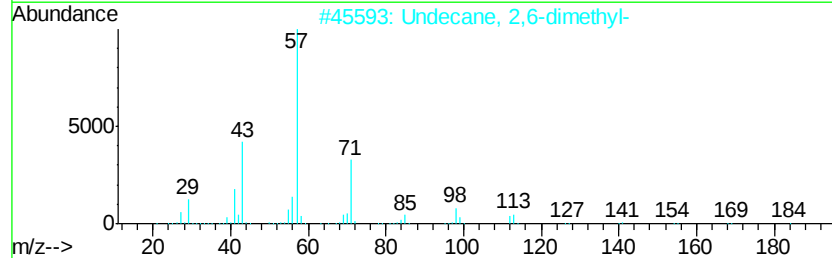
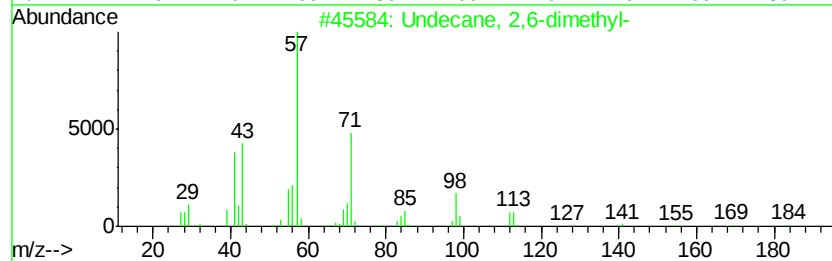
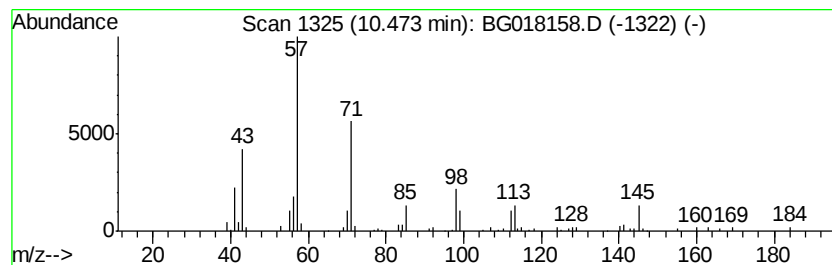
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.18 ng/ul	84551	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47



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Acq On : 28 Jul 2015 22:08
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Misc :
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ClientSampleId :
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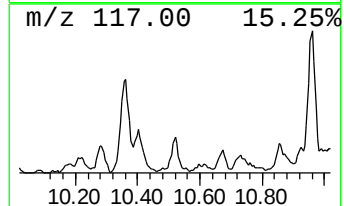
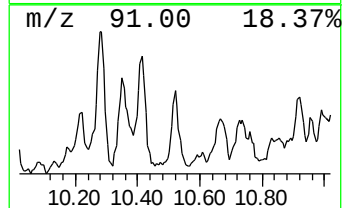
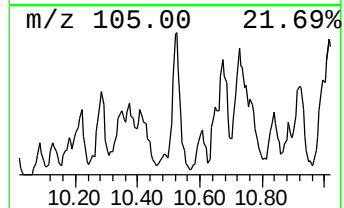
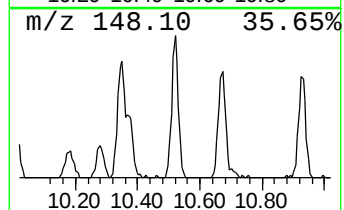
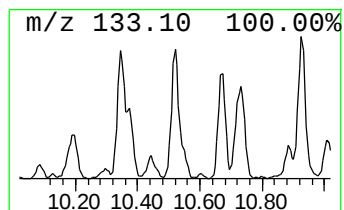
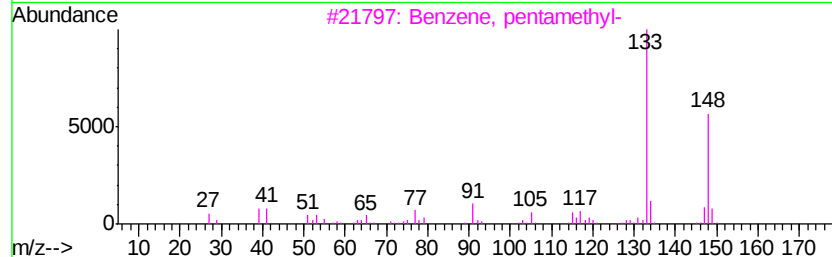
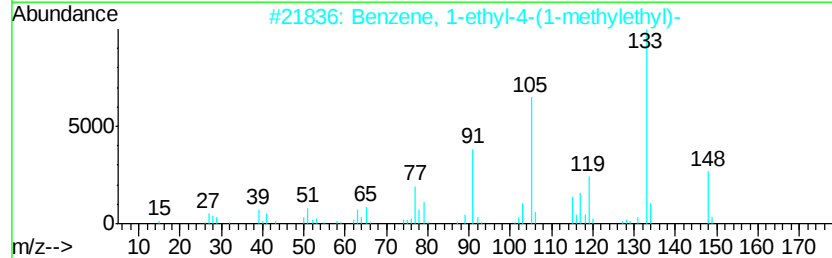
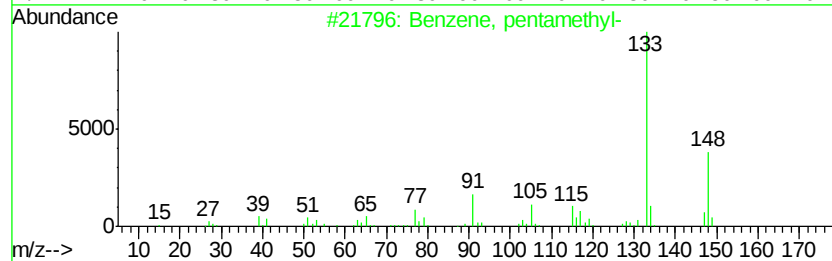
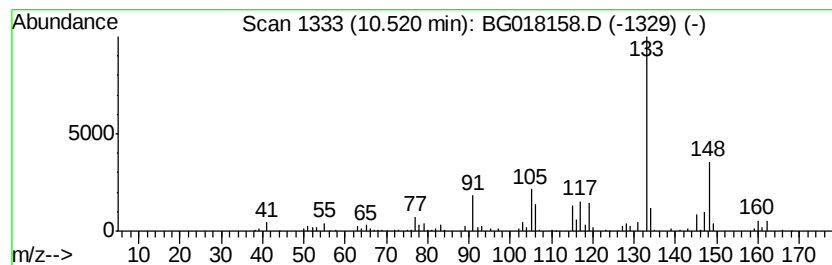
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, pentamethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.66 ng/ul	180932	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	74
5		1,5,6,7-Tetramethylbicyclo[3.2.0...]	148	C11H16	134329-46-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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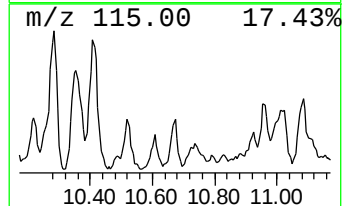
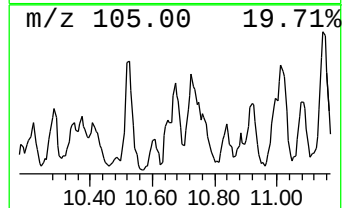
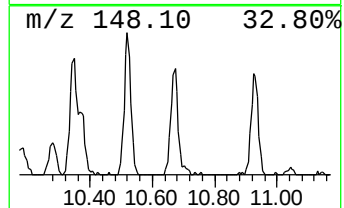
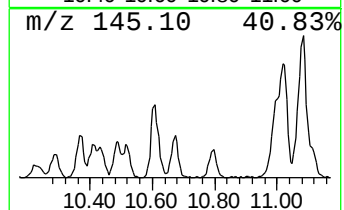
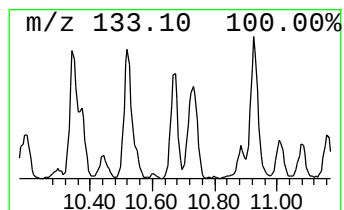
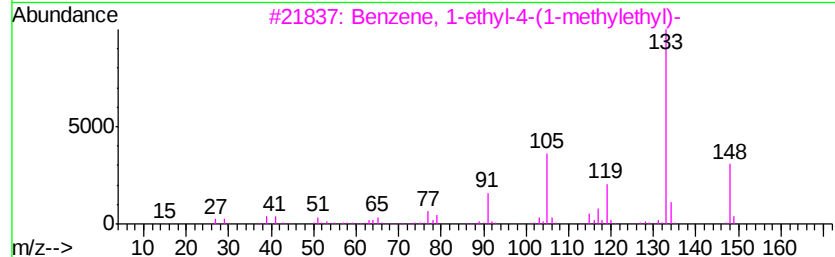
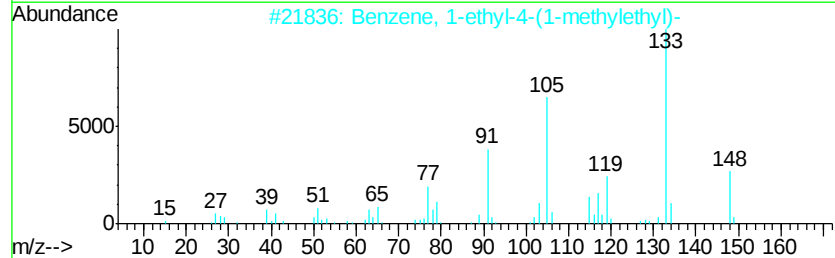
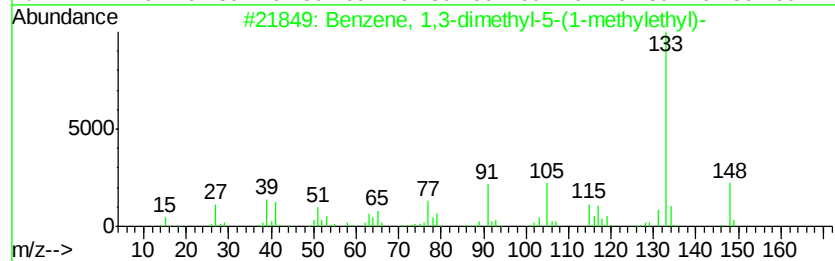
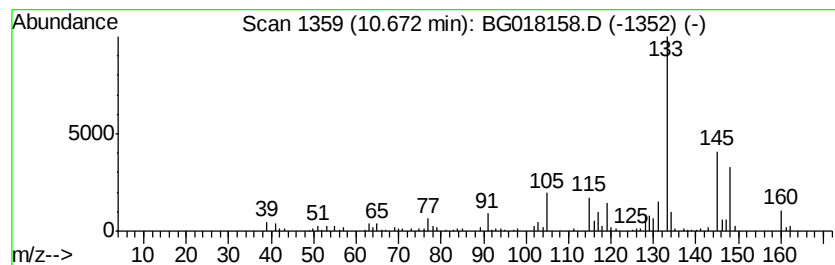
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.72 ng/ul	144310	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	62
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52



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Sample : G3048-10
Misc :
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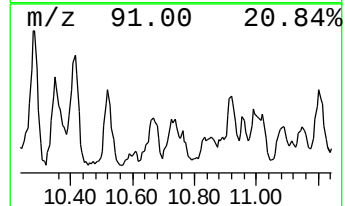
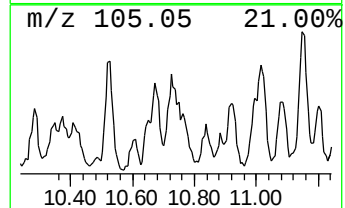
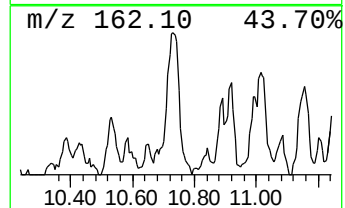
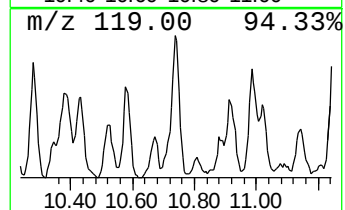
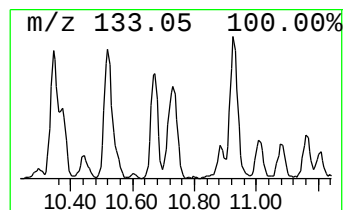
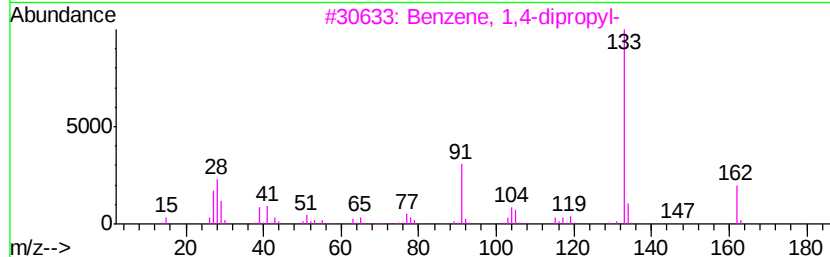
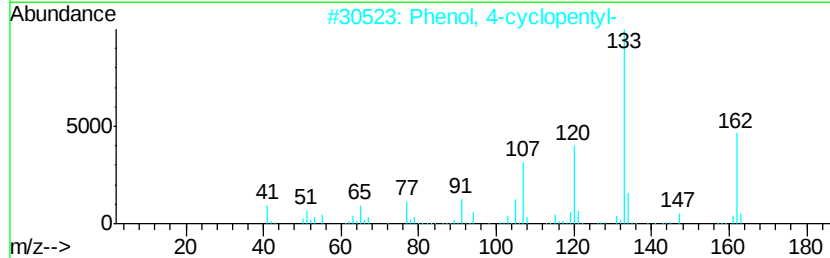
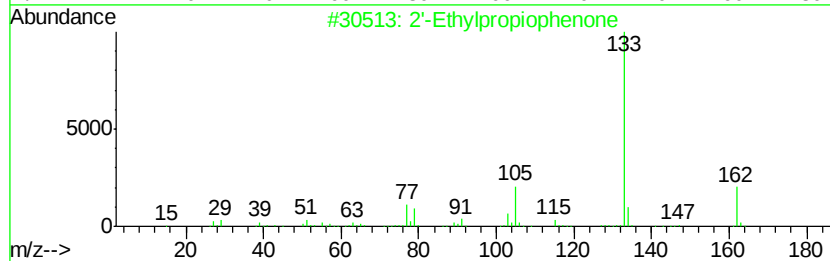
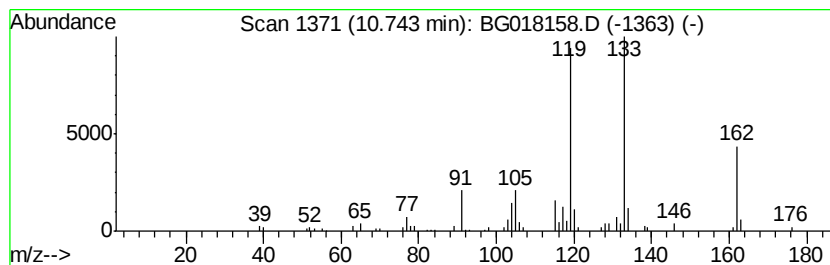
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2'-Ethylpropiofenone Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.29 ng/ul	88909	Napthalene-d8	10.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2'-Ethylpropiofenone	162 C11H14O	016819-79-7	50
2	Phenol, 4-cyclopentyl-	162 C11H14O	001518-83-8	49
3	Benzene, 1,4-dipropyl-	162 C12H18	004815-57-0	47
4	1-Phenylcyclopentanol-1	162 C11H14O	010487-96-4	43
5	Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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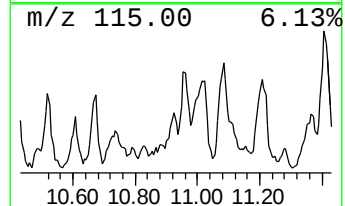
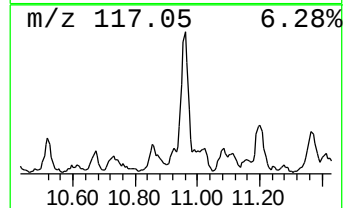
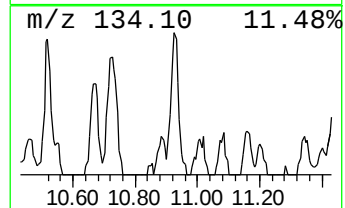
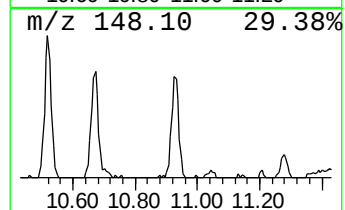
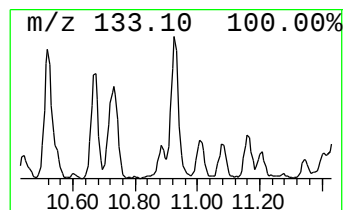
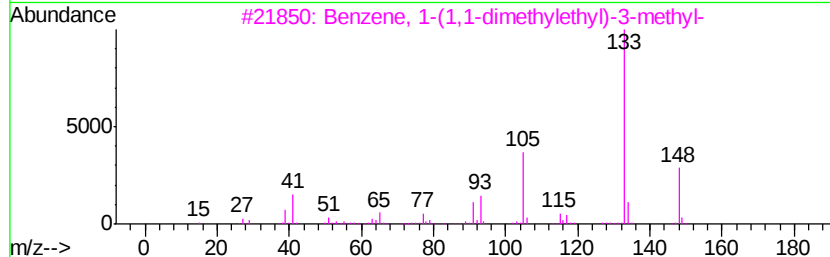
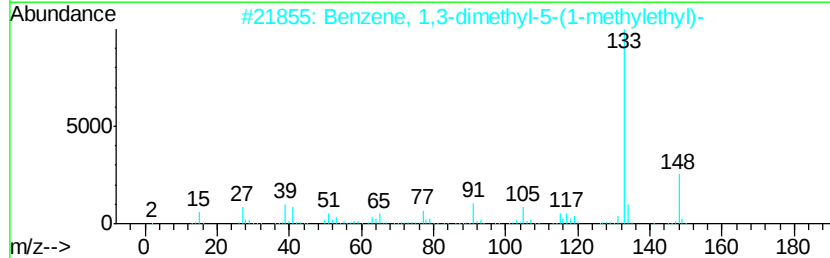
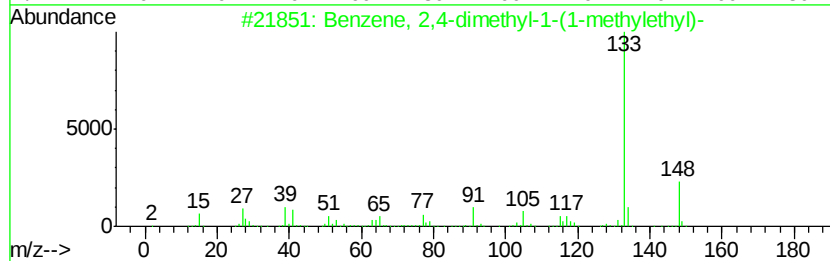
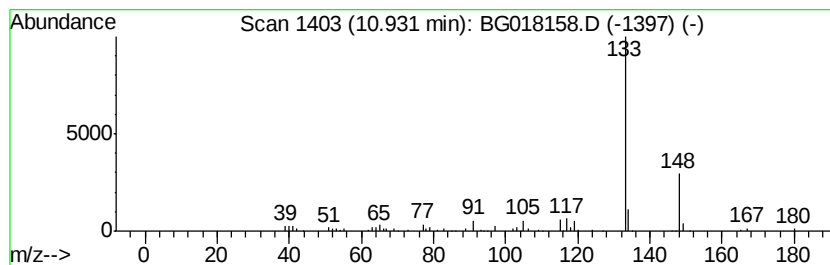
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.01 ng/ul	78189	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	90
2		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	87
3		Benzene, 1-(1,1-dimethylethyl)-3-...	148	C11H16	001075-38-3	86
4		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	86
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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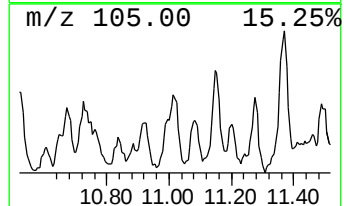
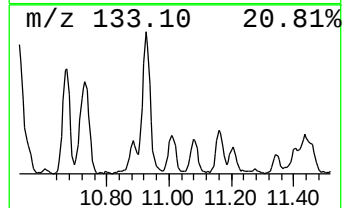
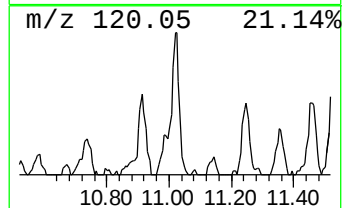
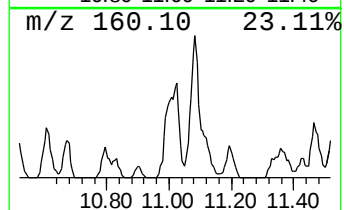
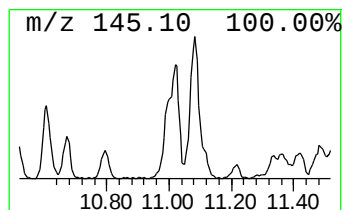
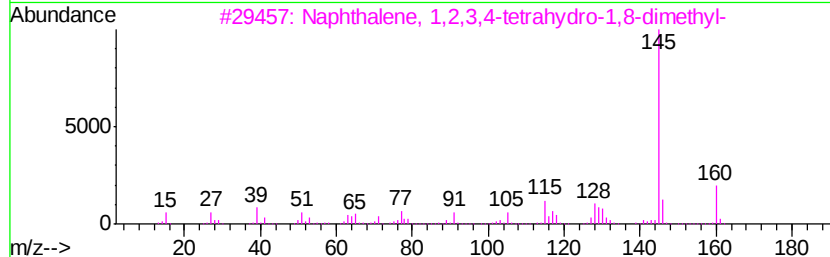
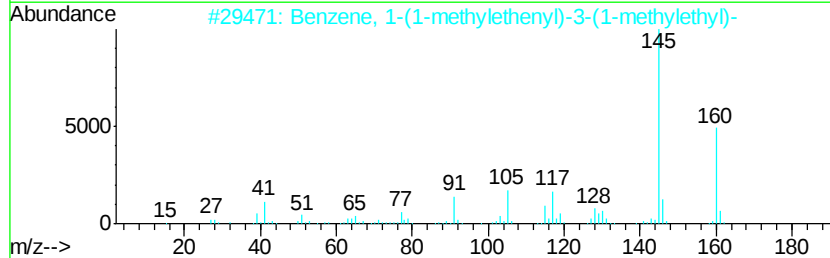
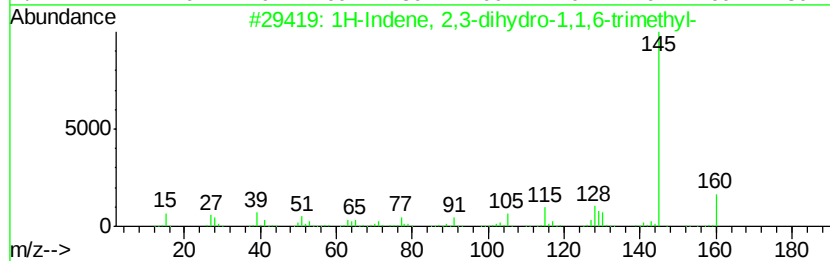
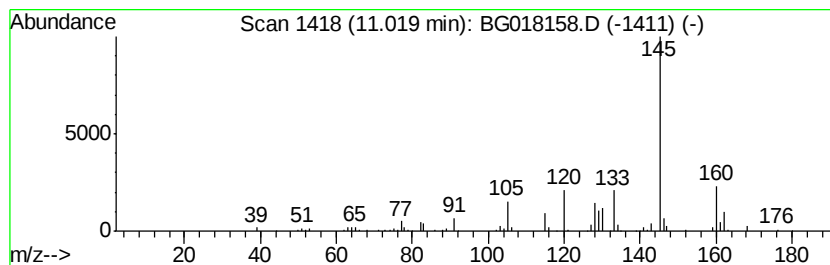
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	6.65 ng/ul	258139	Naphthalene-d8	10.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	64
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	58
4			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	58
5			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
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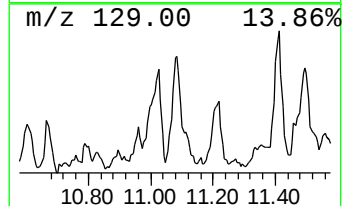
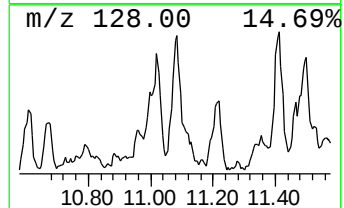
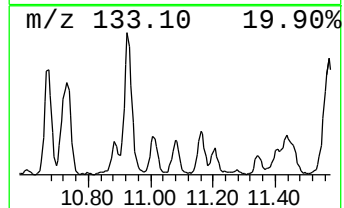
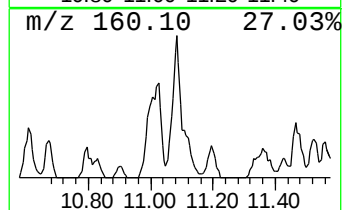
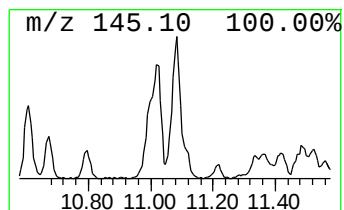
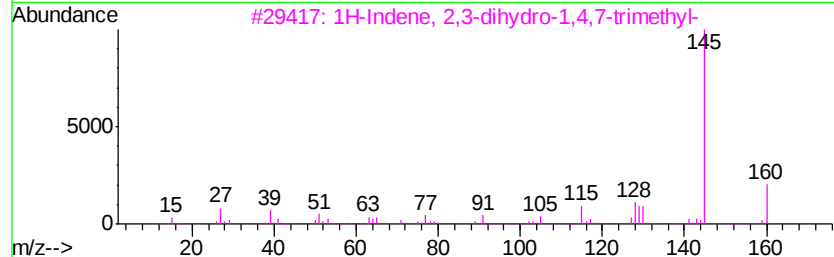
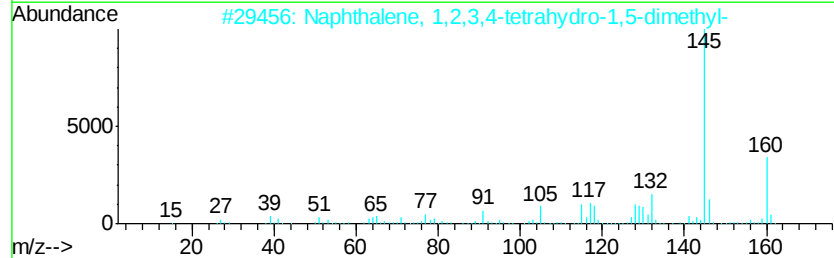
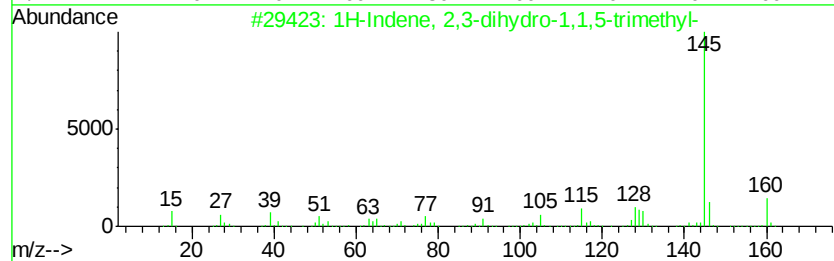
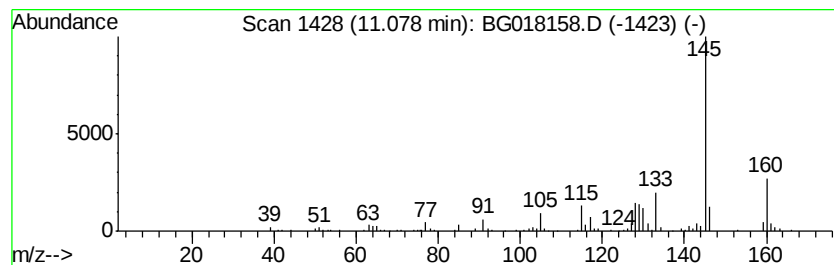
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	4.34 ng/ul	168573	Naphthalene-d8	10.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
3			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	90
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

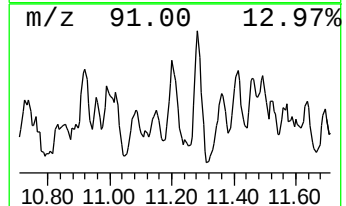
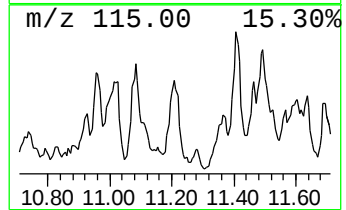
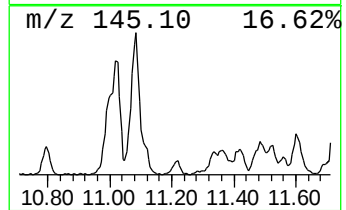
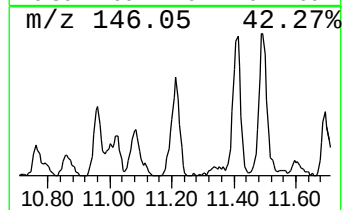
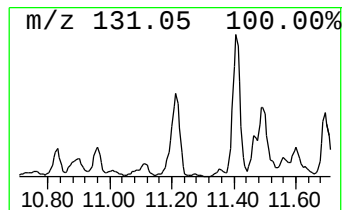
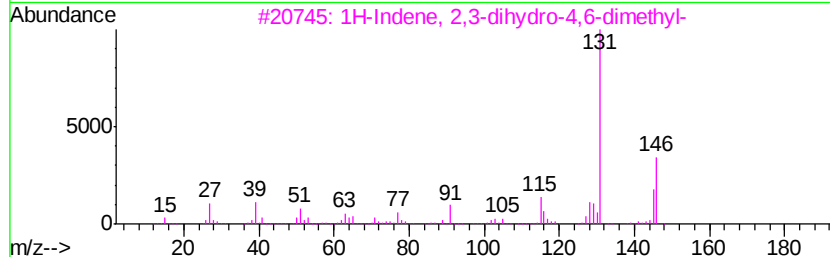
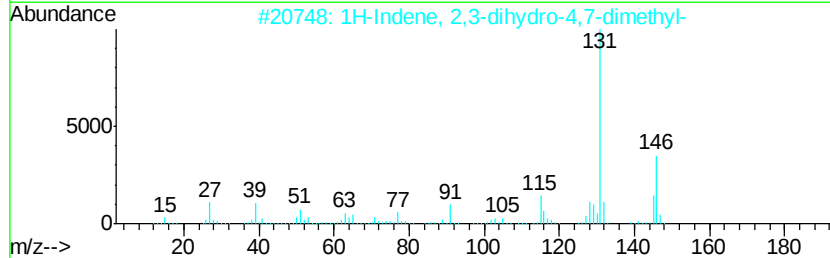
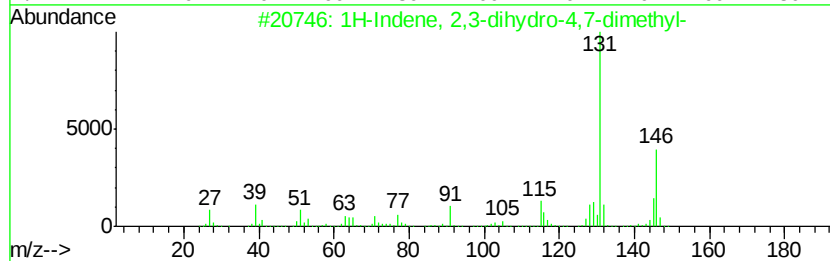
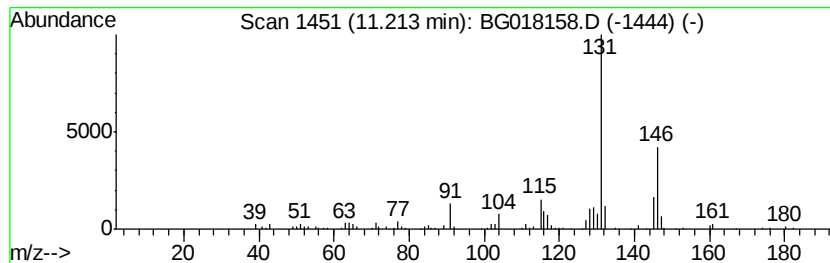
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	5.02 ng/ul	194821	Napthalene-d8	10.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

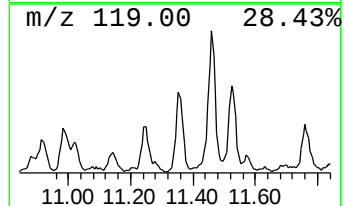
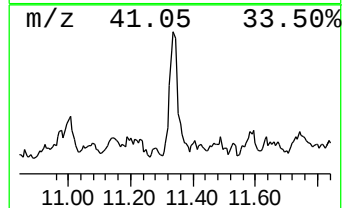
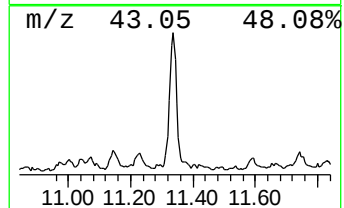
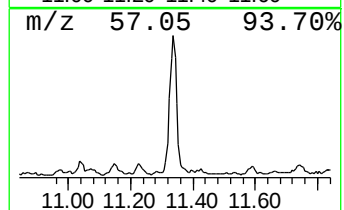
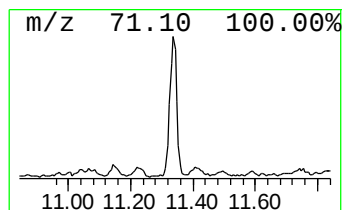
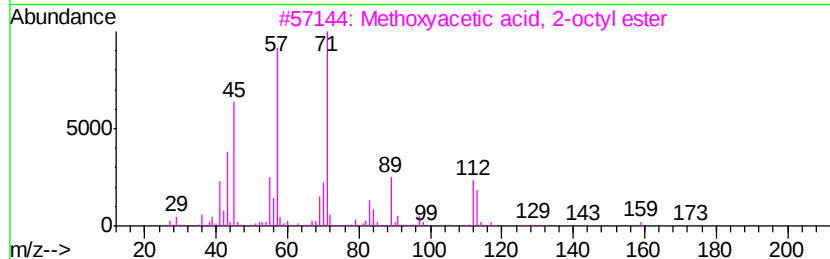
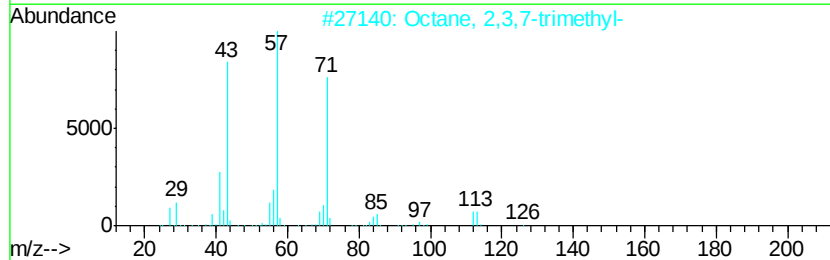
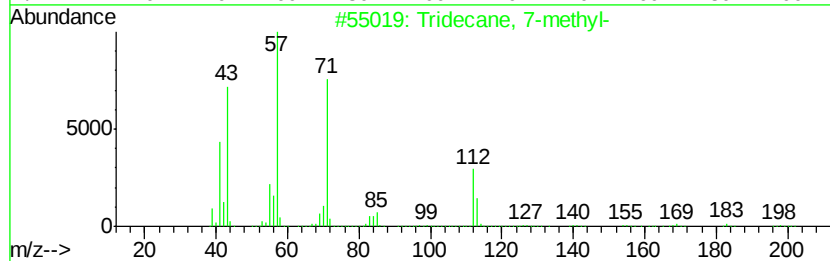
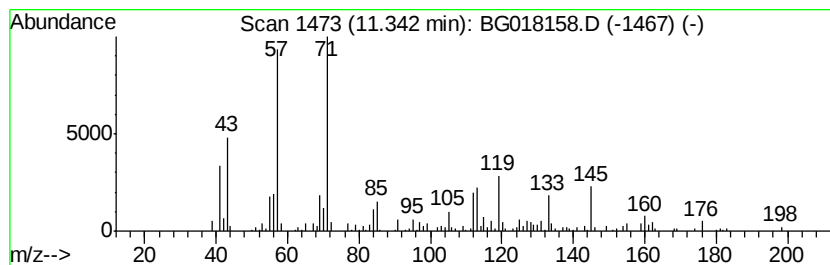
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	9.35 ng/ul	362853	Napthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
3		Methoxvacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	53
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	52
5		Decane, 4-methyl-	156	C11H24	002847-72-5	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

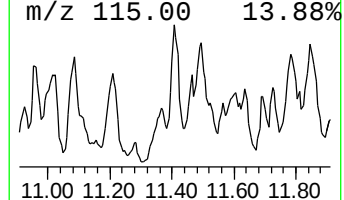
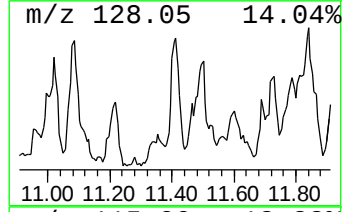
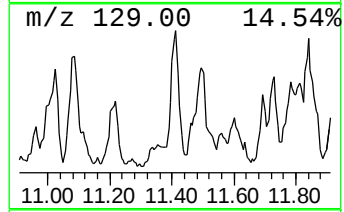
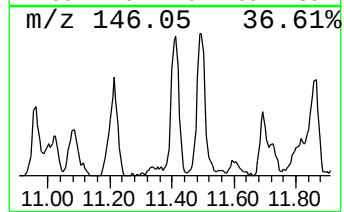
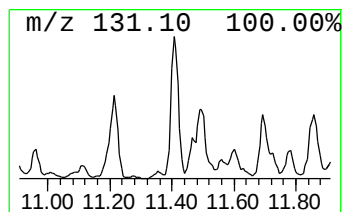
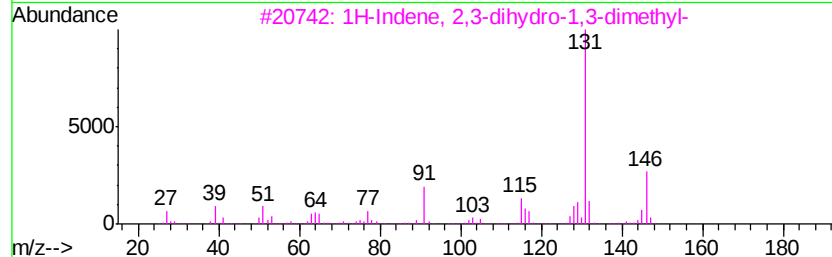
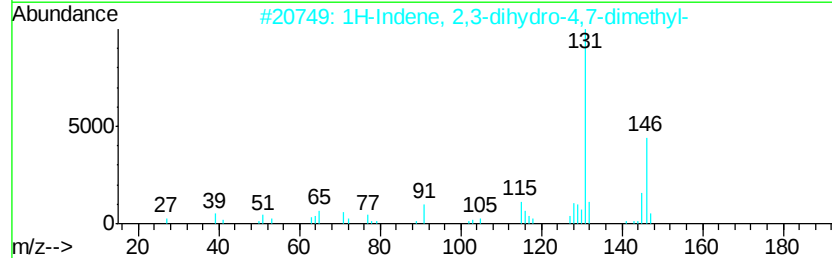
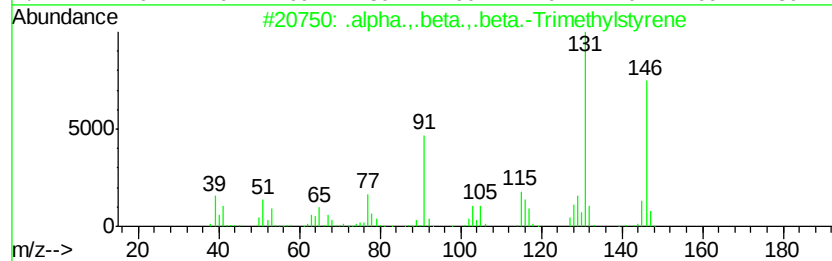
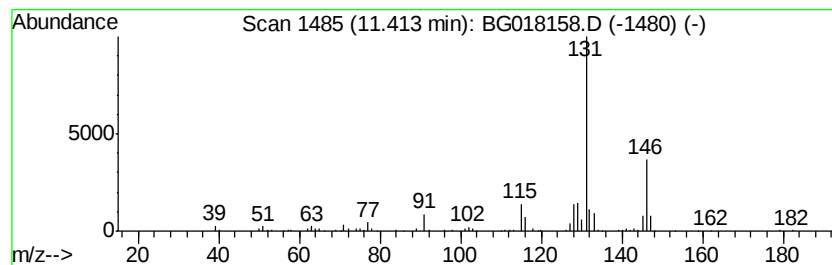
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 .alpha.,.beta.,.beta.-Trime... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.66 ng/ul	142086	Napthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	93
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
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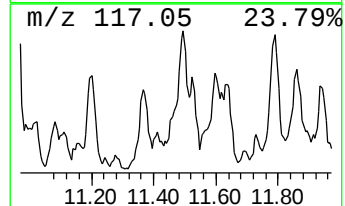
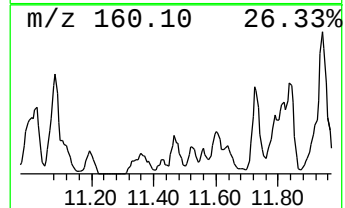
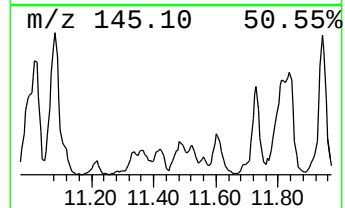
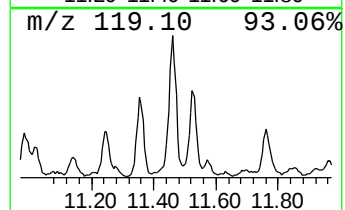
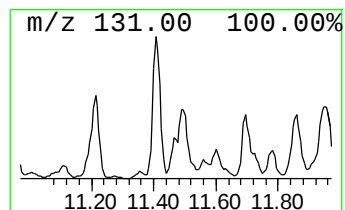
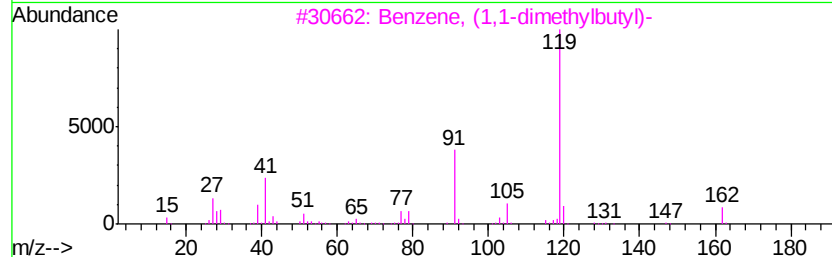
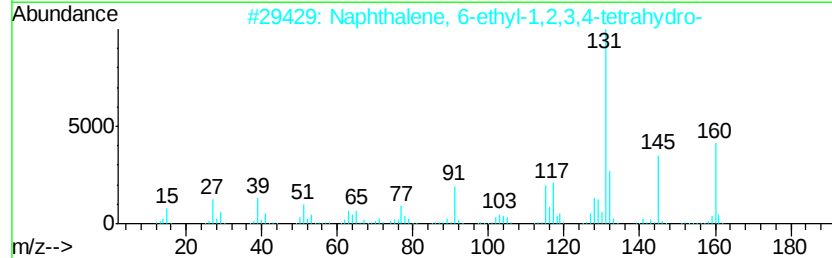
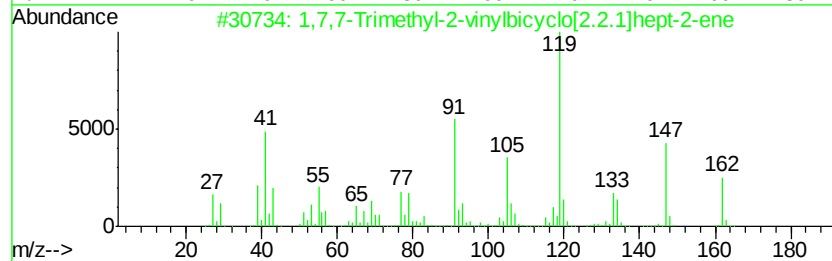
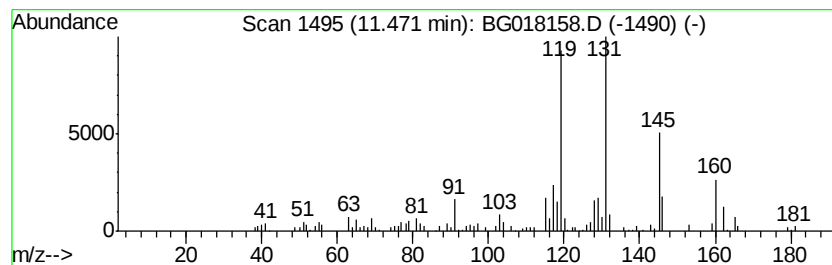
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.21 ng/ul	85846	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7,7-Trimethyl-2-vinylbicyclo[2.2.1]hept-2-ene	162	C12H18	130930-56-2	46
2		Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-	160	C12H16	022531-20-0	41
3		Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	38
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	35
5		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

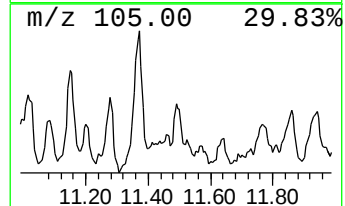
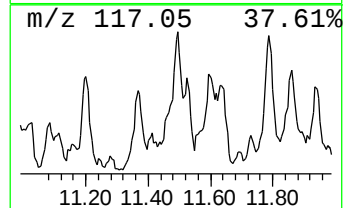
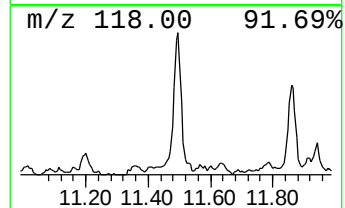
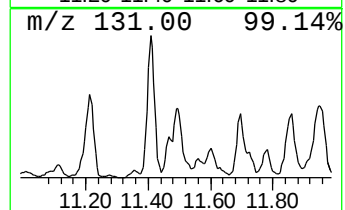
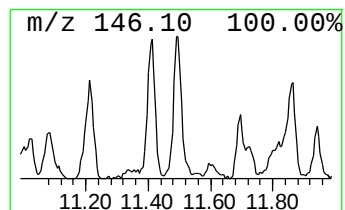
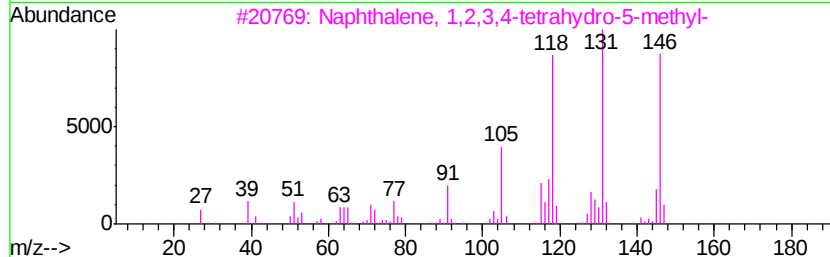
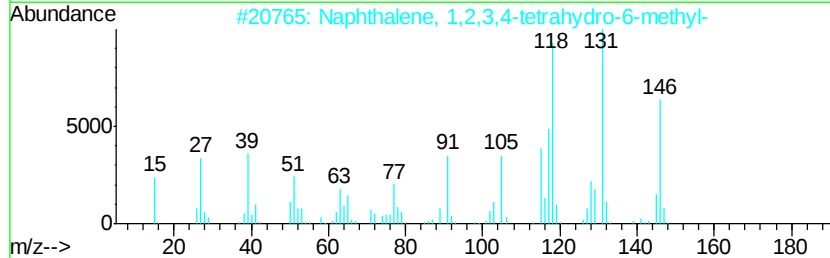
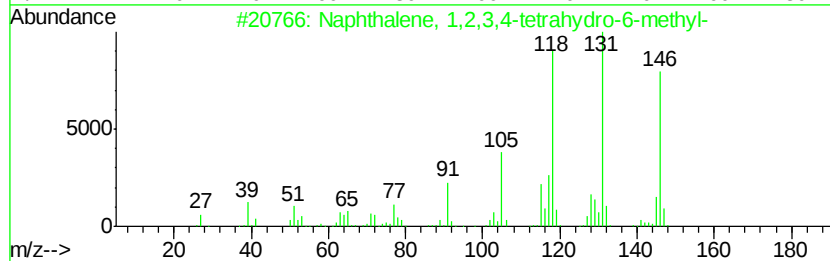
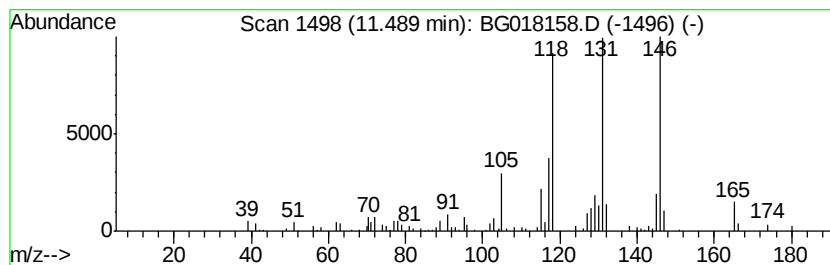
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.62 ng/ul	101624	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
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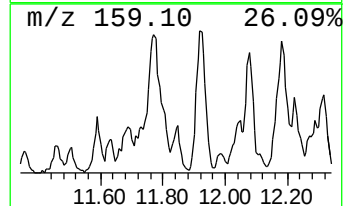
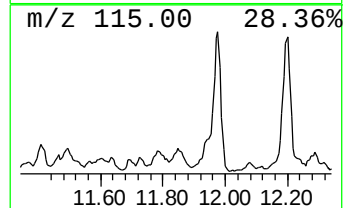
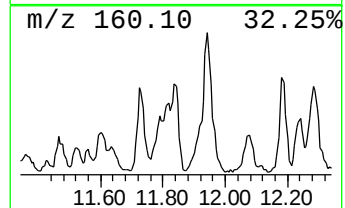
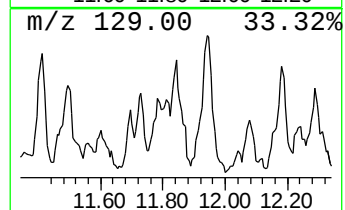
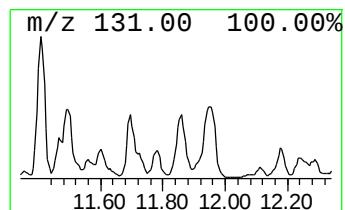
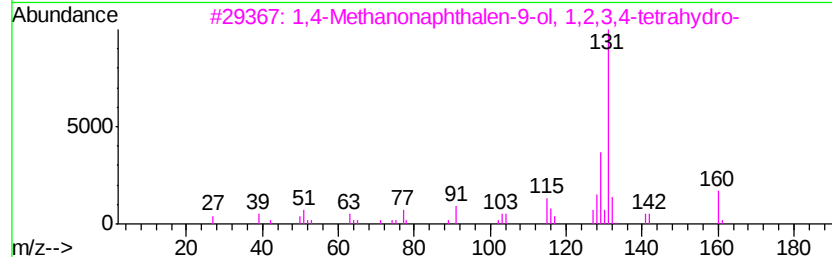
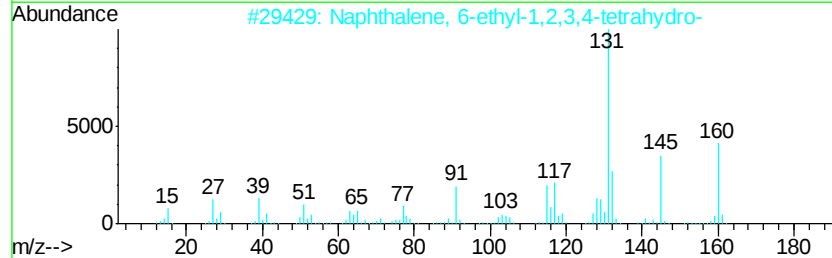
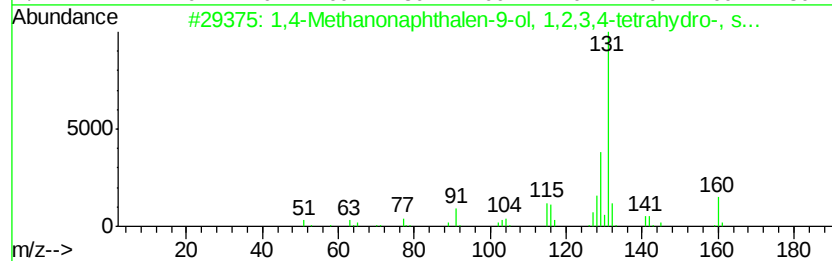
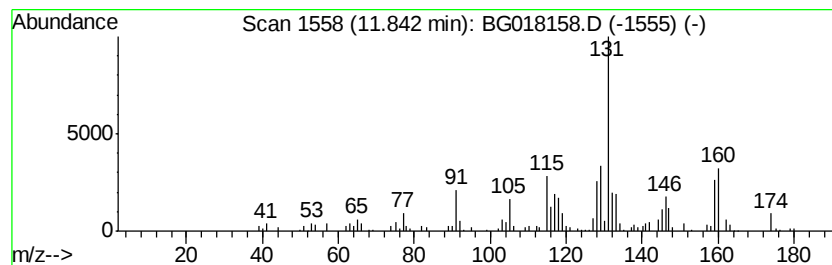
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,4-Methanonaphthalen-9-ol,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.20 ng/ul	201836	Naphthalene-d8	10.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	55
2		Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	52
3		1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	49
4		Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	49
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

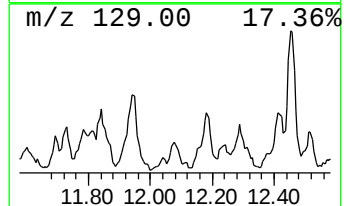
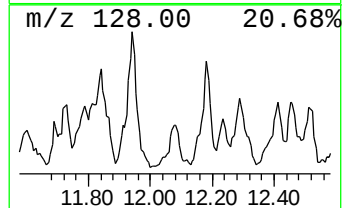
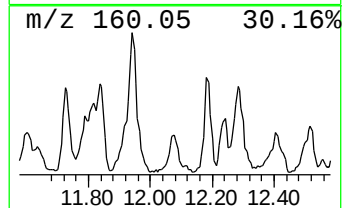
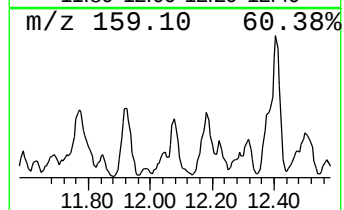
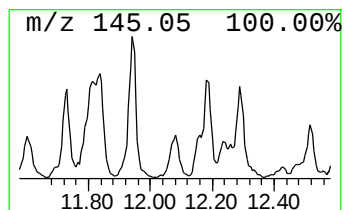
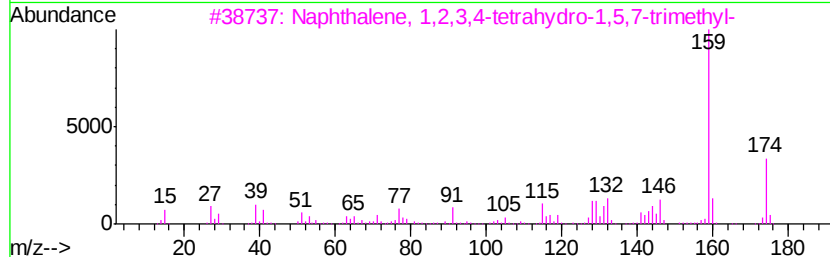
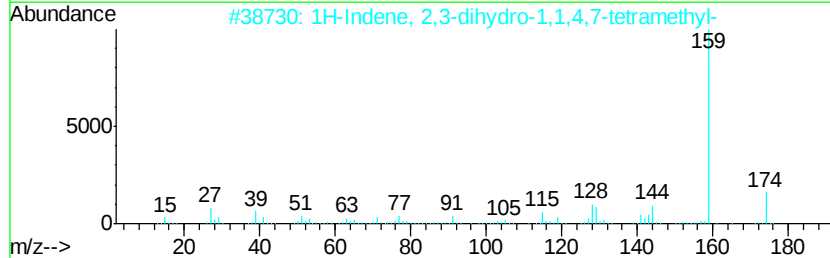
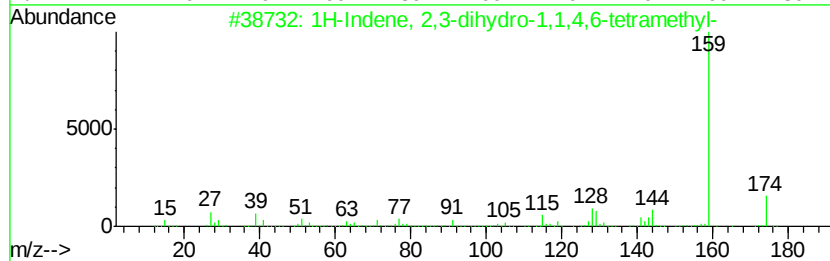
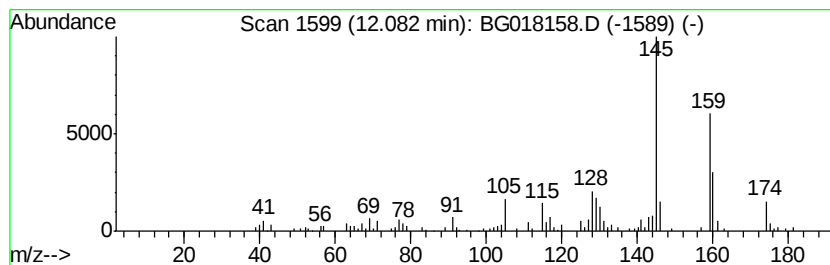
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.18 ng/ul	123352	Naphthalene-d8	10.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	70
2			1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	70
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	58
4			Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	55
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55



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Acq On : 28 Jul 2015 22:08
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Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

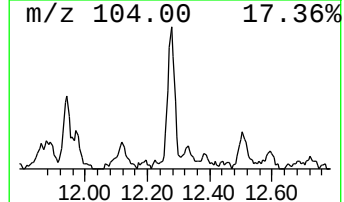
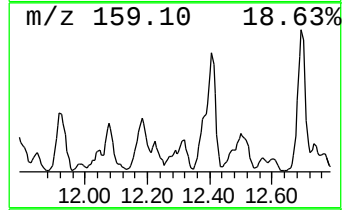
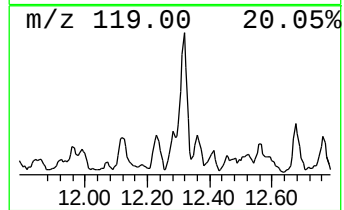
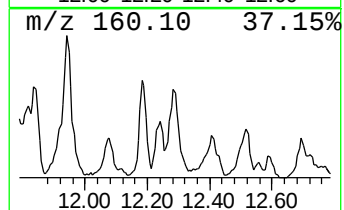
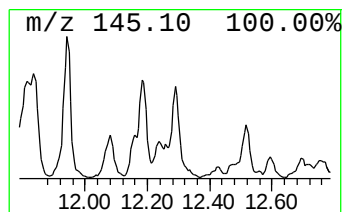
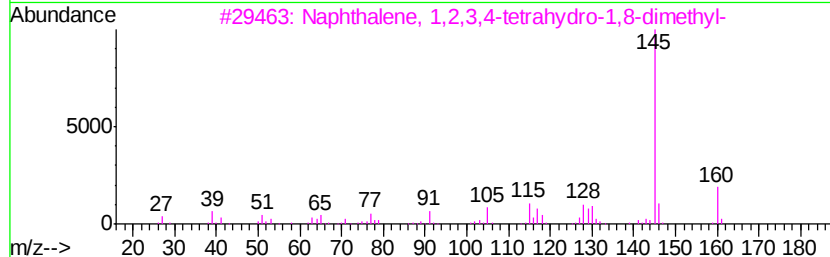
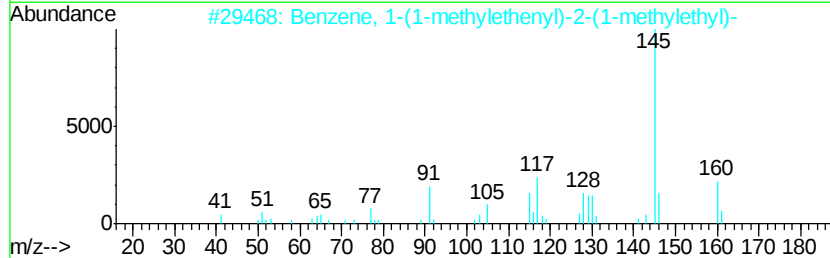
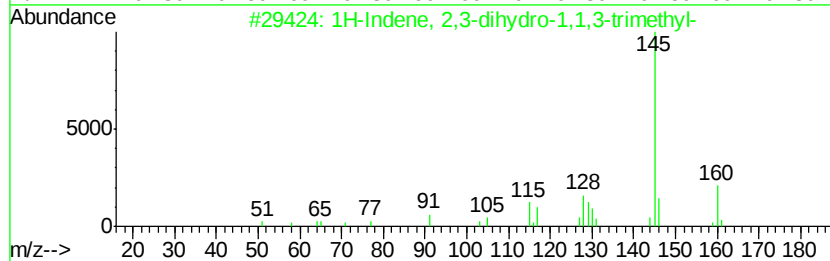
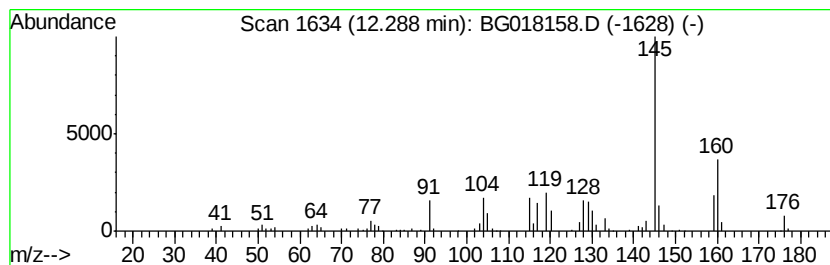
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.70 ng/ul	102754	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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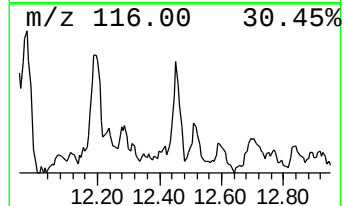
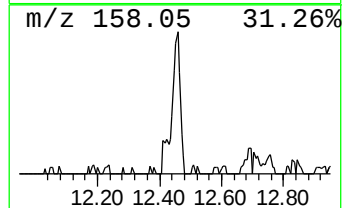
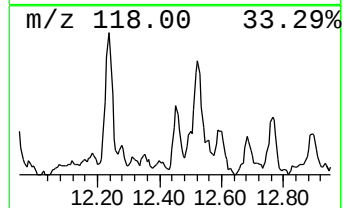
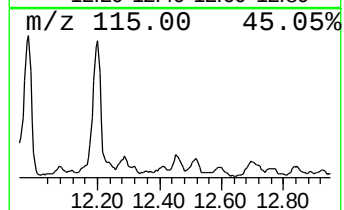
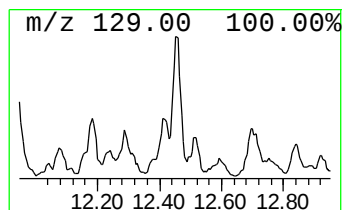
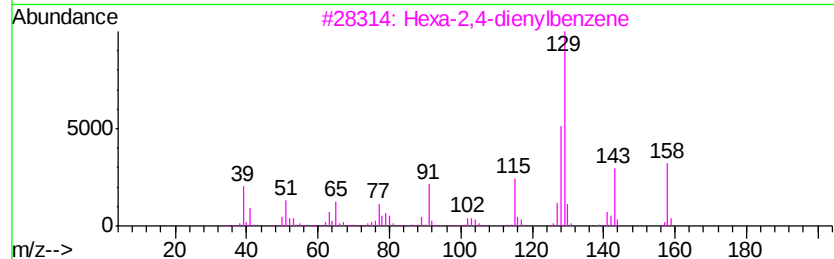
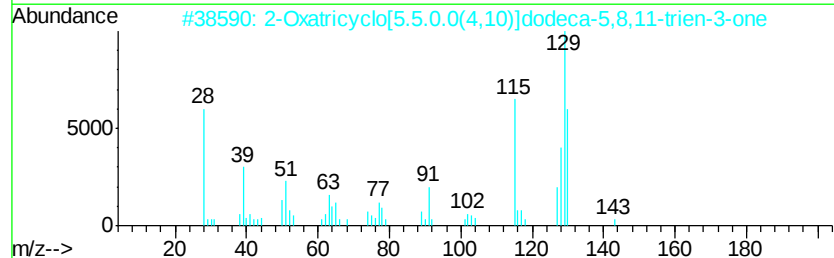
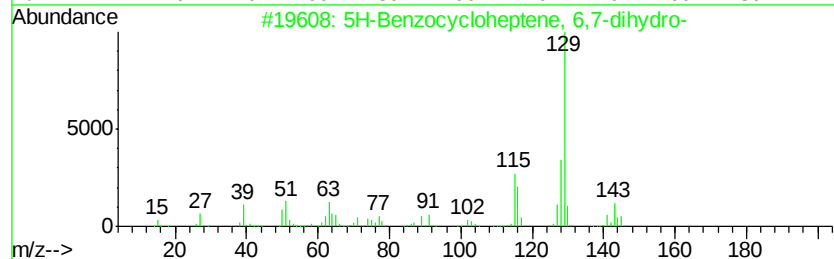
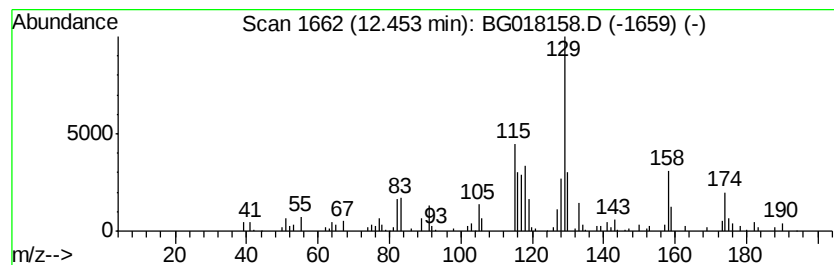
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 unknown-02 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.60 ng/ul	98752	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	47
2			2-Oxatricyclo[5.5.0.0(4,10)]dodeca...	174	C11H10O2	056909-26-3	35
3			Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	32
4			1-Hydroxymethyl-1,2,3,4-tetrahyd...	178	C11H14O2	343332-31-0	32
5			(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	25



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Sample : G3048-10
Misc :
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ClientSampleId :
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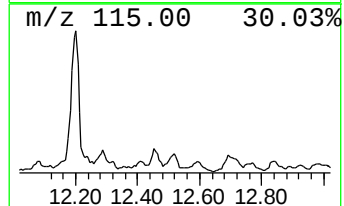
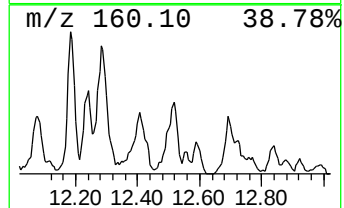
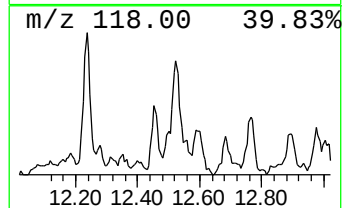
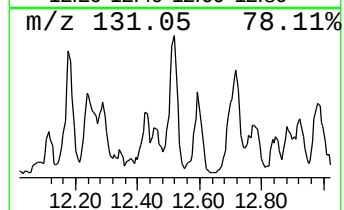
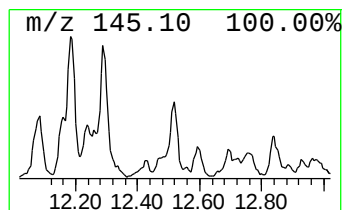
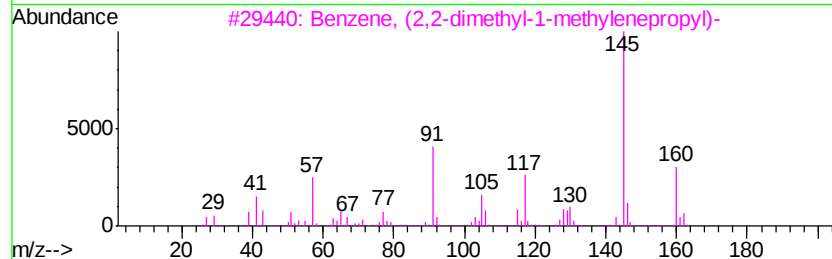
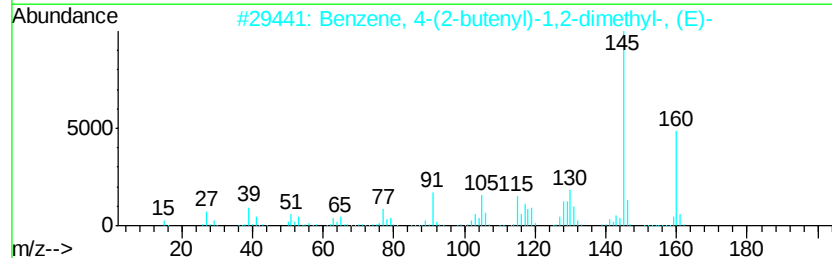
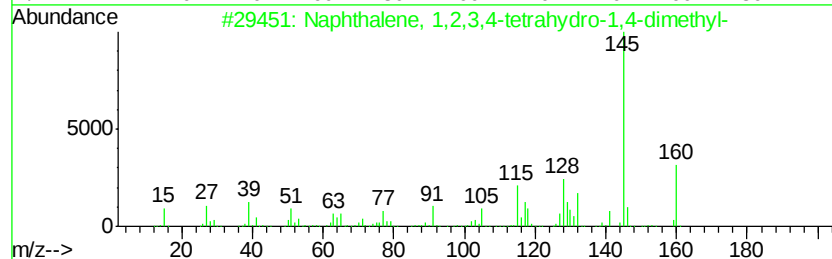
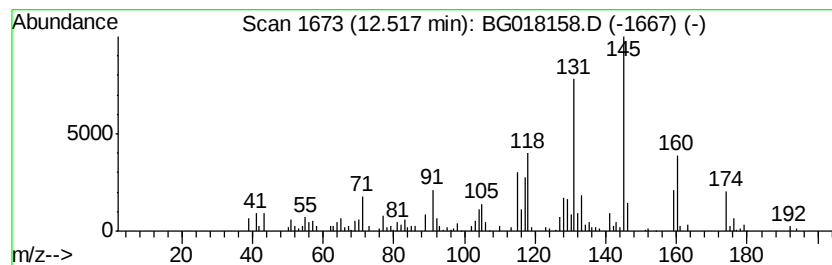
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.41 ng/ul	167605	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	43
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43
3			Benzene, (2,2-dimethyl-1-methyl-...	160	C12H16	005676-29-9	41
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	41
5			1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	41



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

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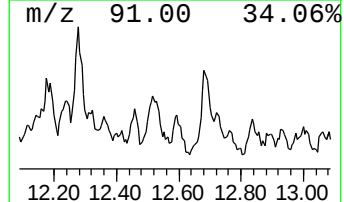
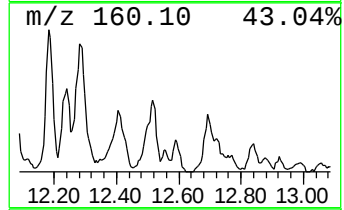
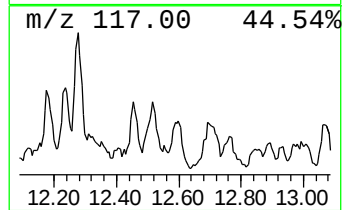
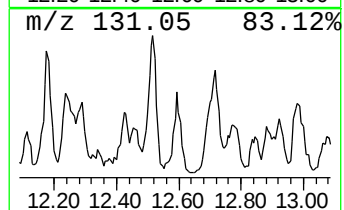
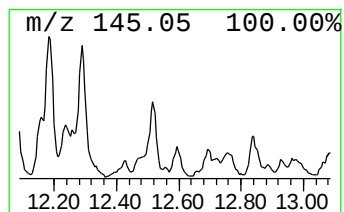
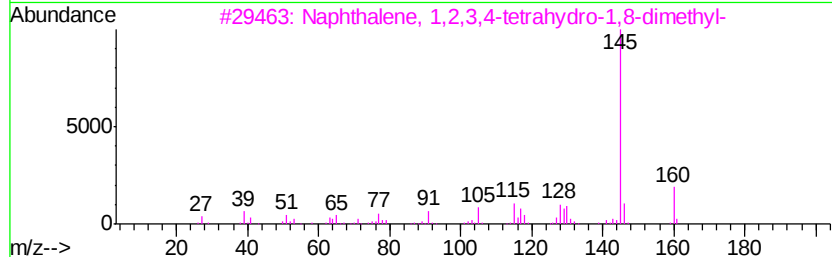
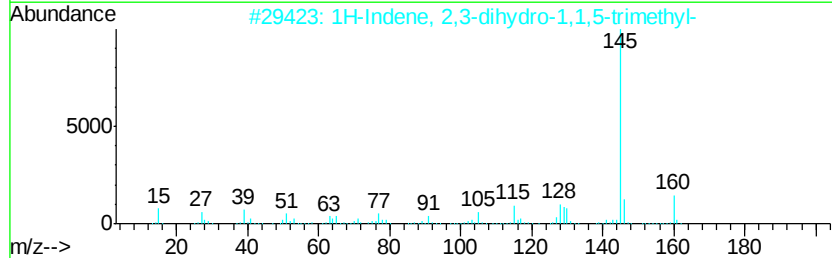
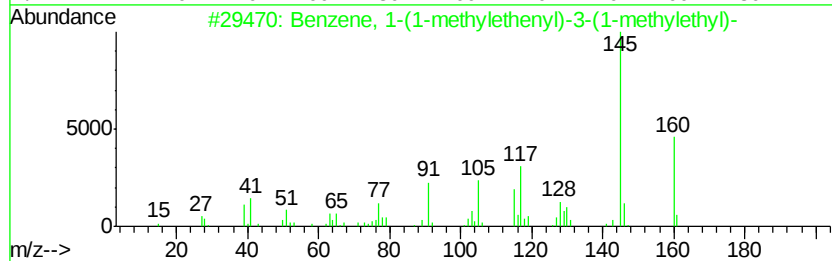
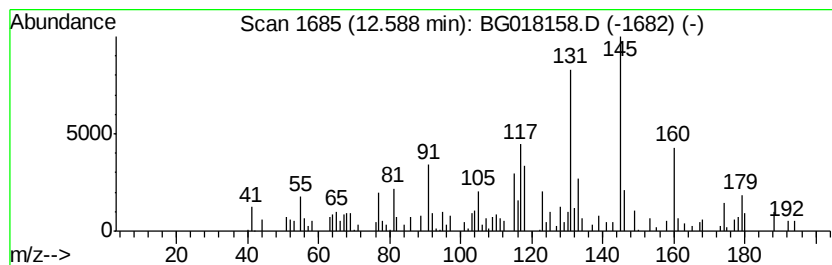
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Benzene, 1-(1-methylethenyl)... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.45 ng/ul	131003	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	52
2			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	47
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	42
4			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	41
5			Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	38



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ALS Vial : 47 Sample Multiplier: 1

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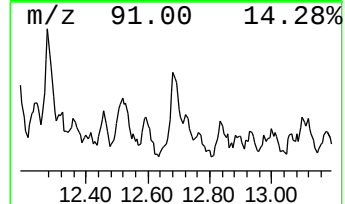
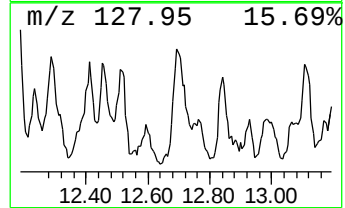
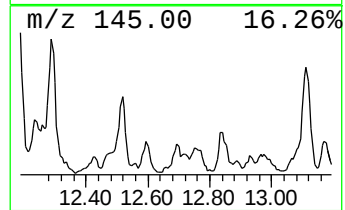
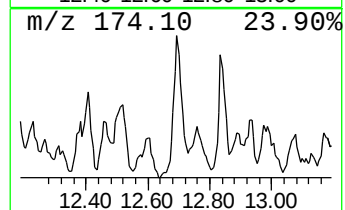
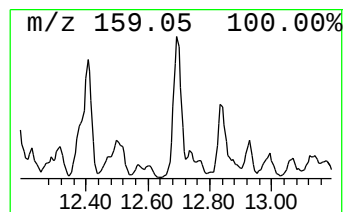
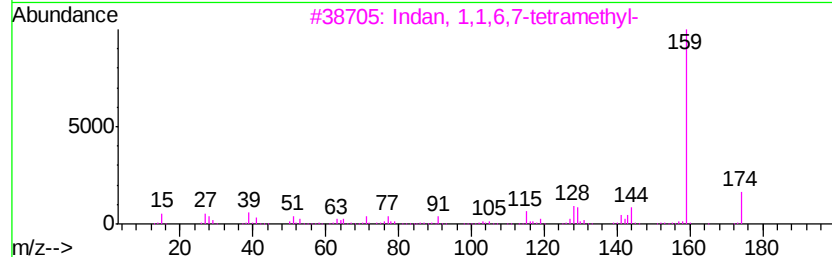
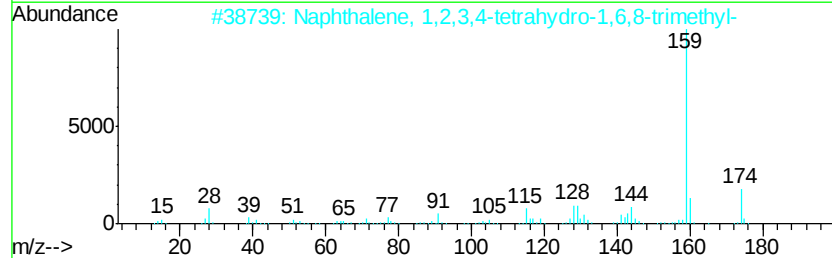
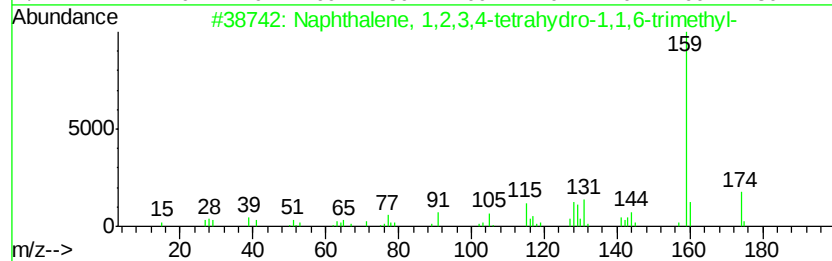
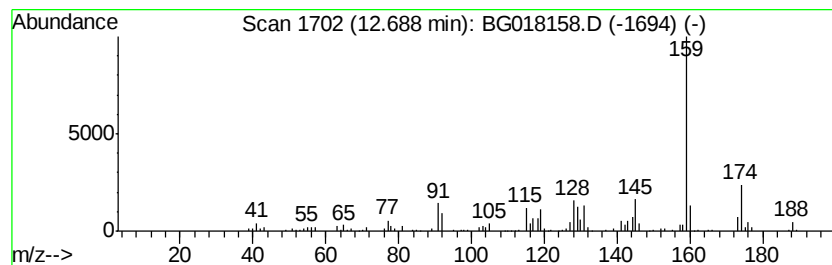
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.64 ng/ul	214374	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	93
3			Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	93
4			1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	93
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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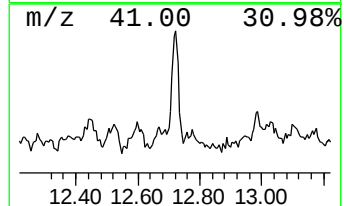
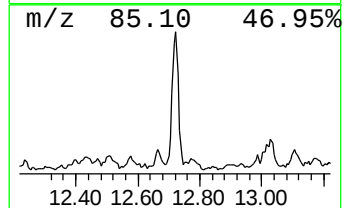
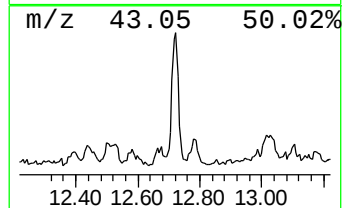
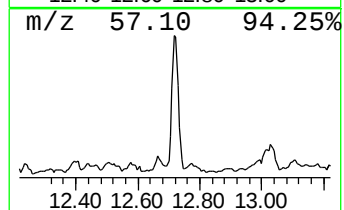
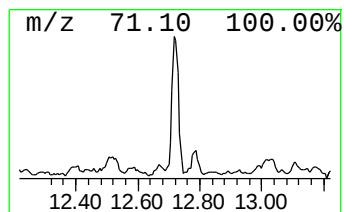
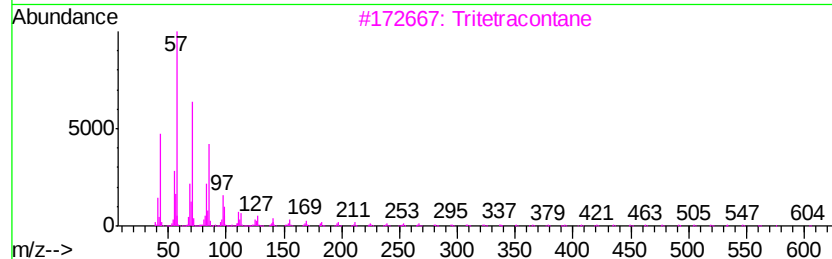
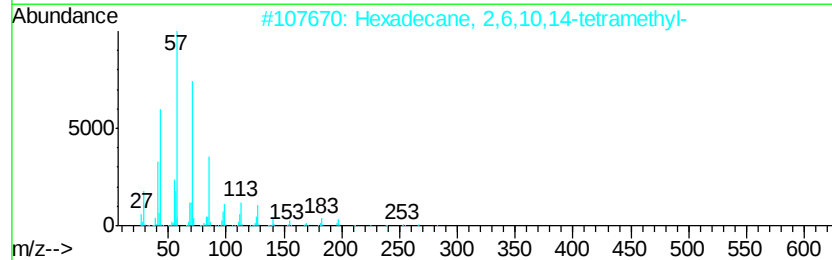
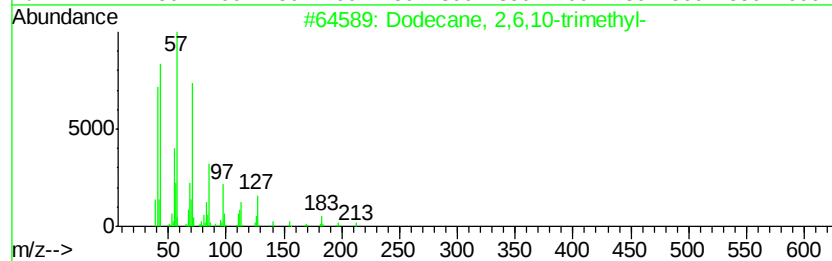
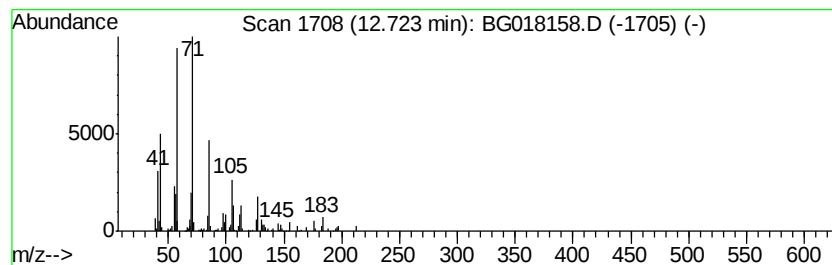
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.83 ng/ul	145507	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3			Tritetracontane	605	C43H88	007098-21-7	47
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

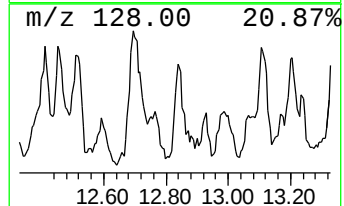
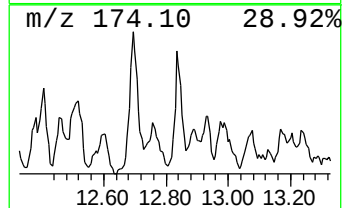
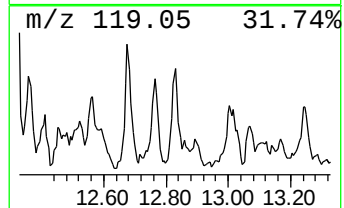
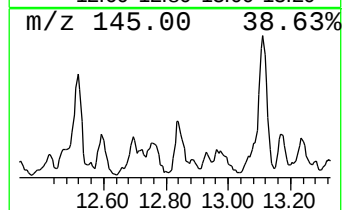
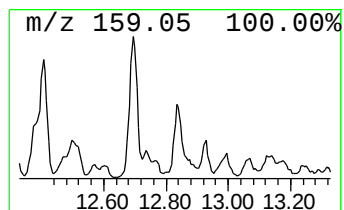
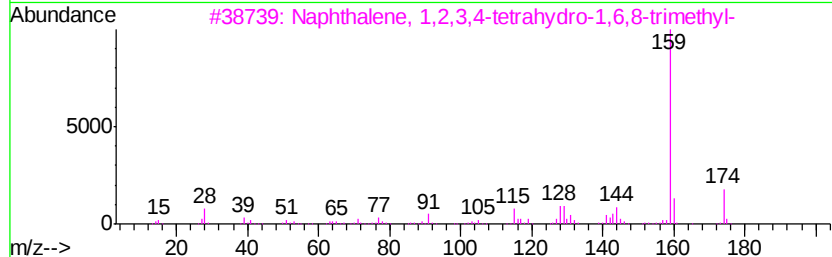
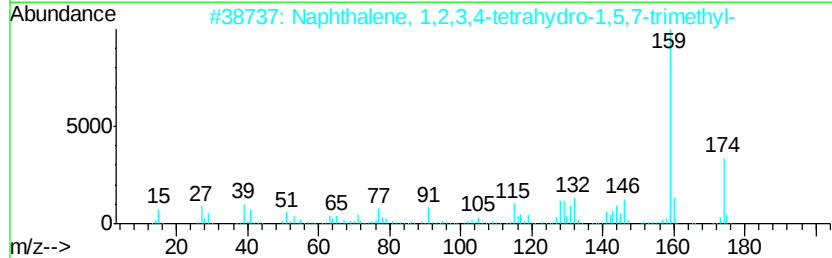
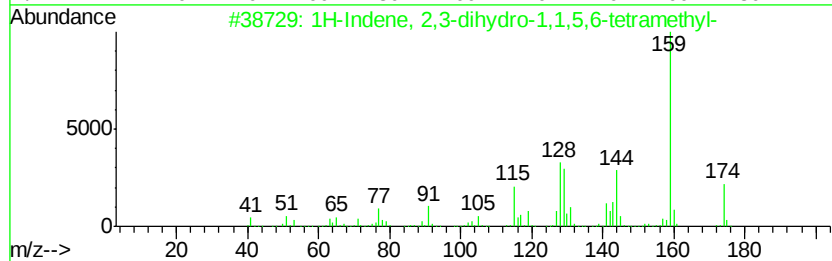
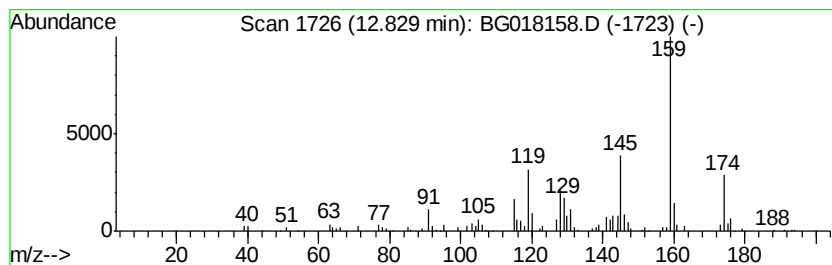
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.01 ng/ul	114263	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	81
4			2,5,8-Trimethyl-1,2,3,4-tetrahyd...	174	C13H18	068269-15-8	74
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

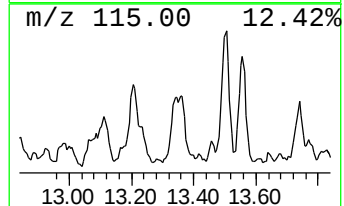
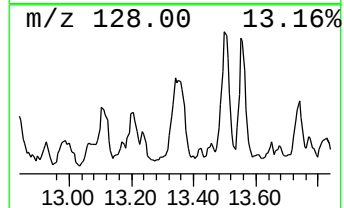
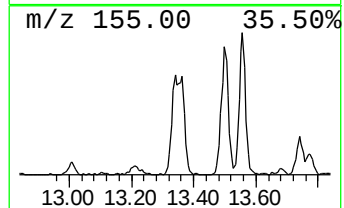
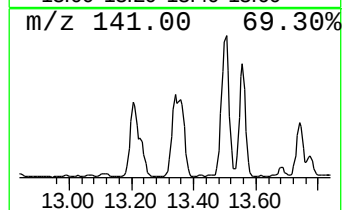
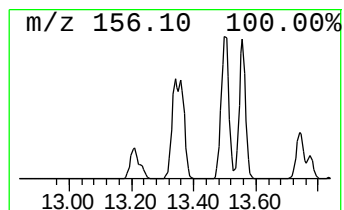
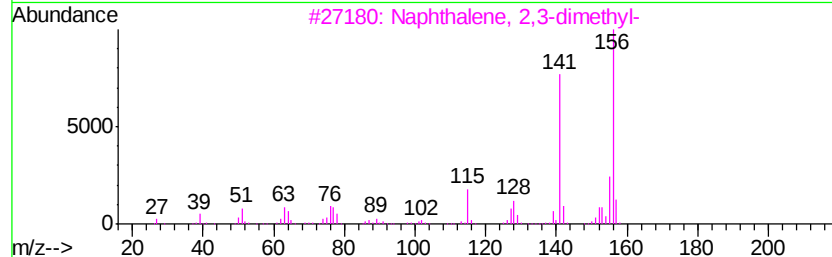
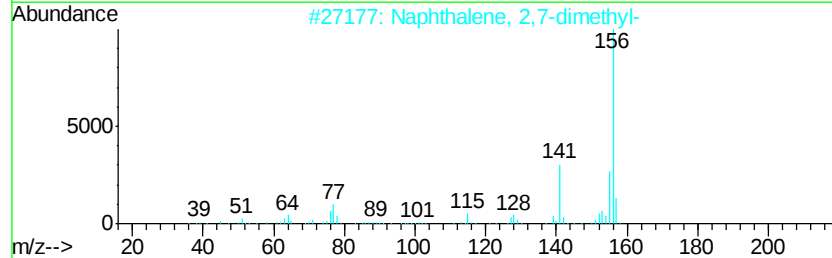
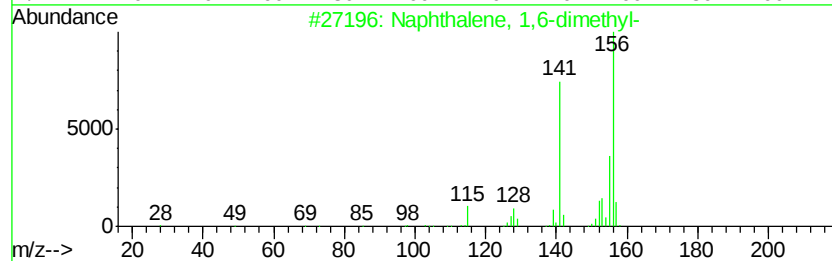
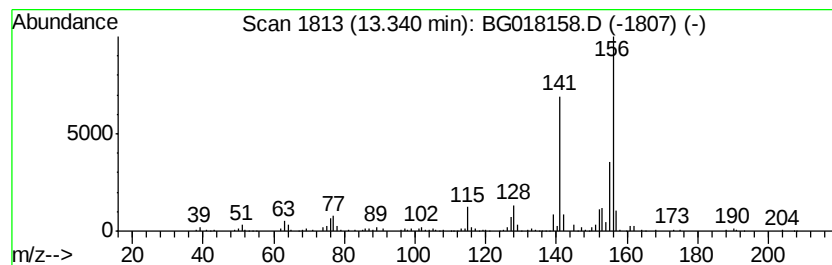
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Naphthalene, 1,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.83 ng/ul	183791	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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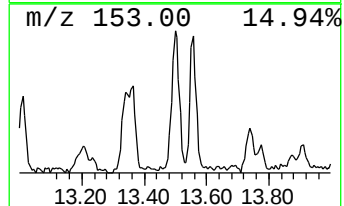
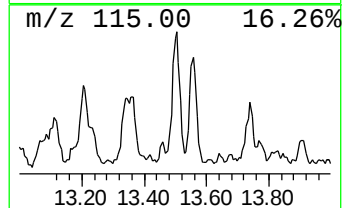
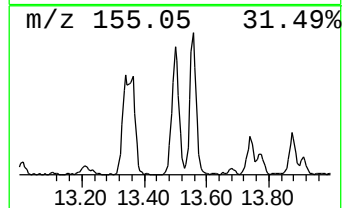
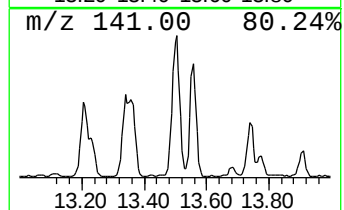
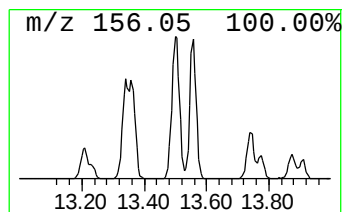
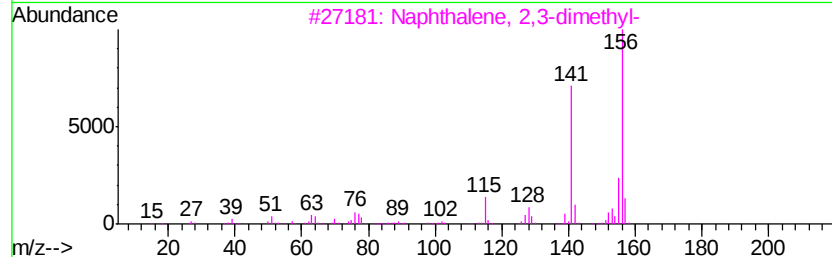
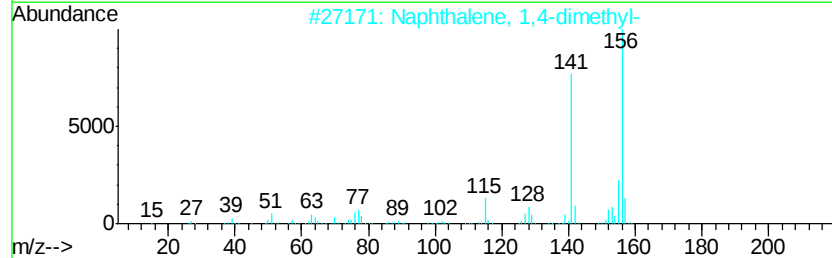
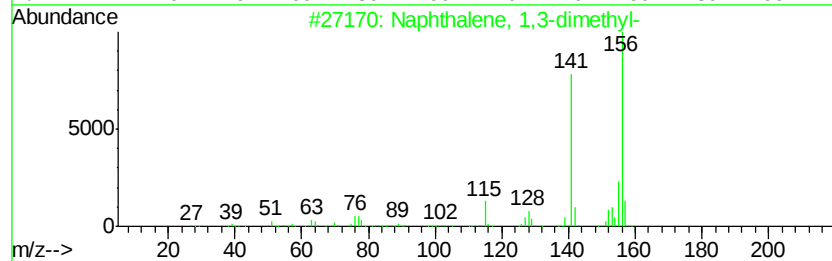
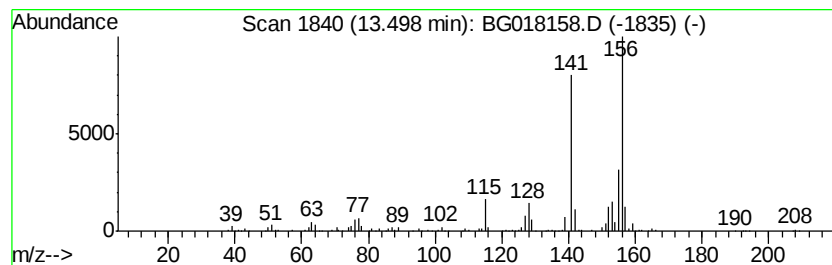
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	9.35 ng/ul	355378	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

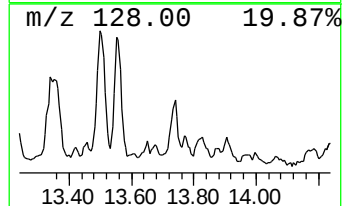
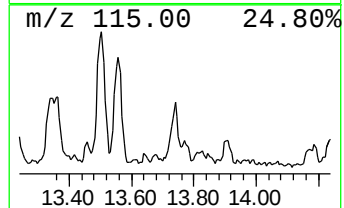
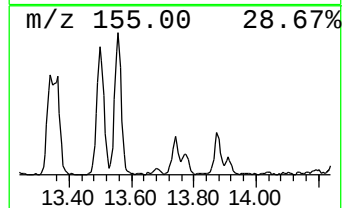
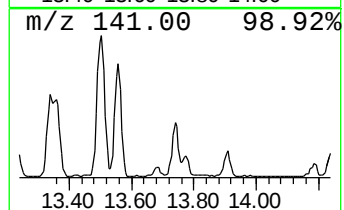
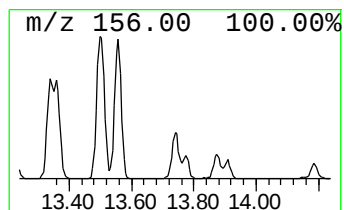
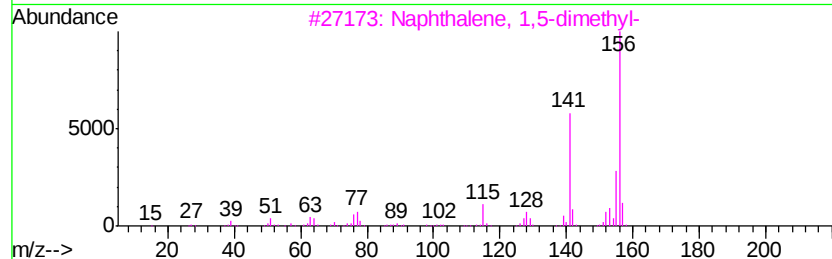
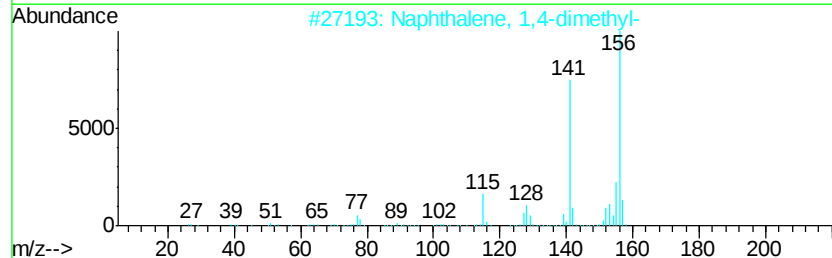
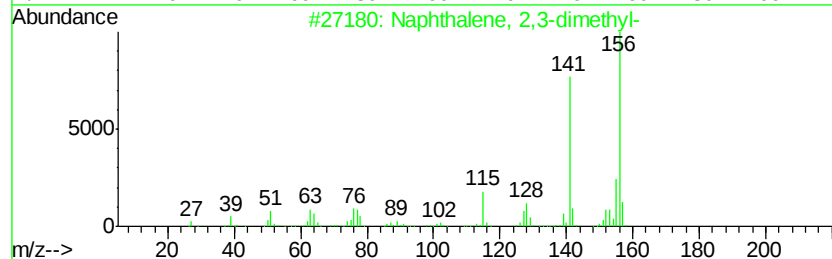
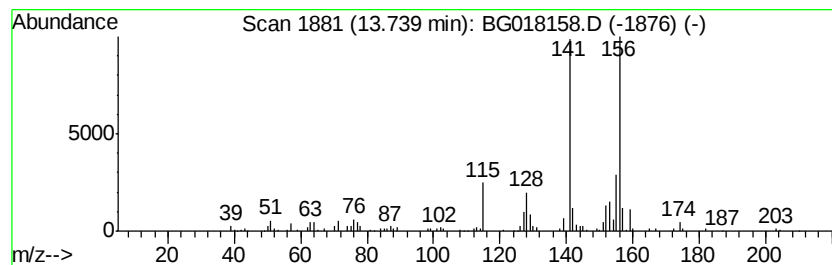
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Naphthalene, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.10 ng/ul	117914	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

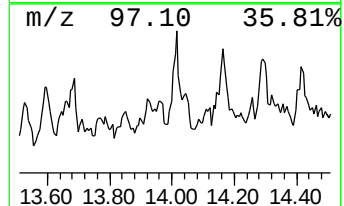
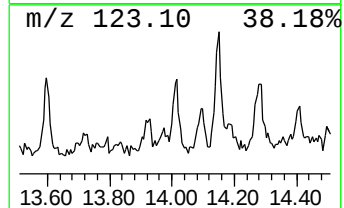
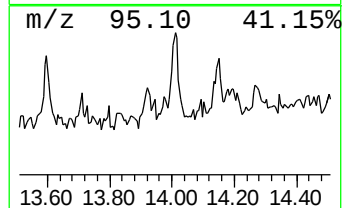
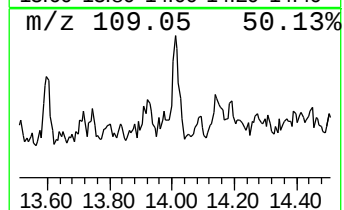
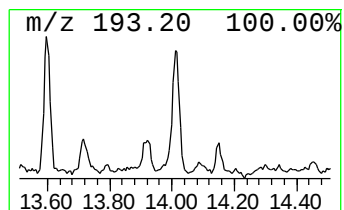
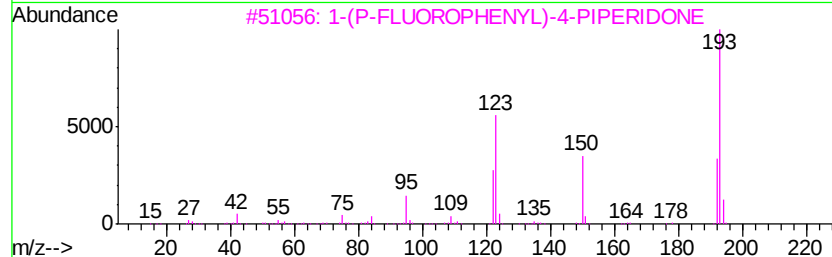
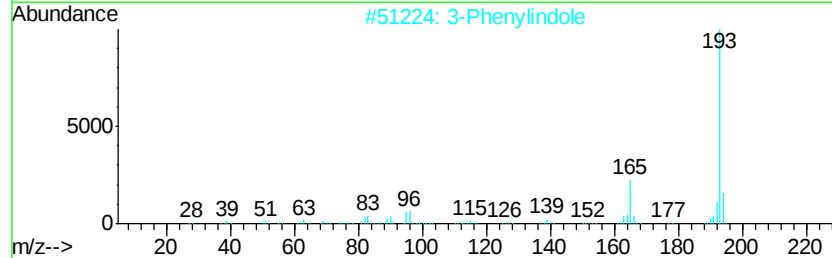
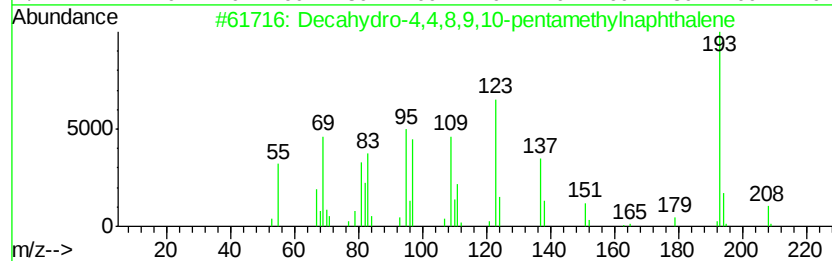
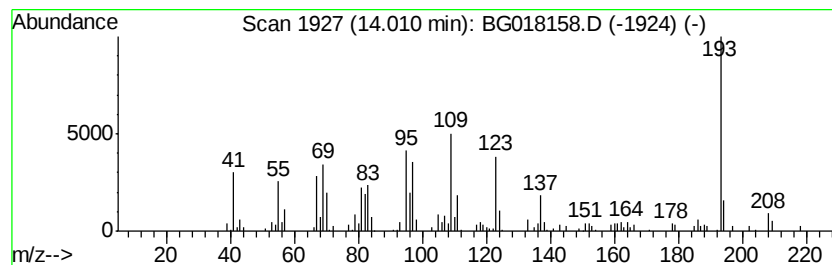
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Decahydro-4,4,8,9,10-pentam... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.27 ng/ul	86143	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	74
2		3-Phenylindole	193	C14H11N	001504-16-1	38
3		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
4		Iminostilbene	193	C14H11N	000256-96-2	35
5		s-Triazine, 2-amino-4-(morpholin...	278	C13H22N6O	021868-45-1	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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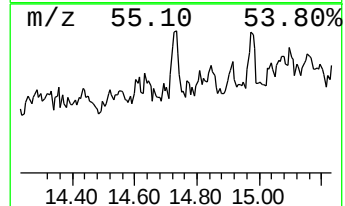
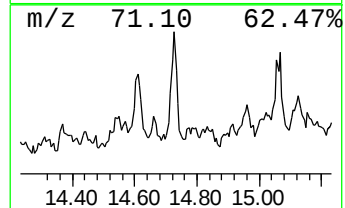
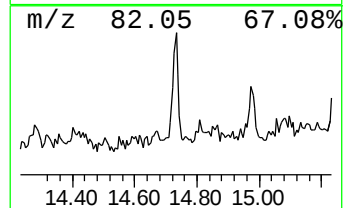
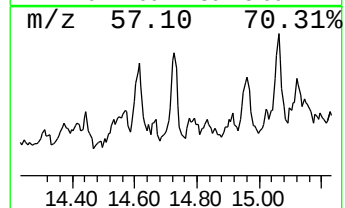
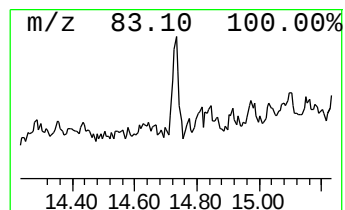
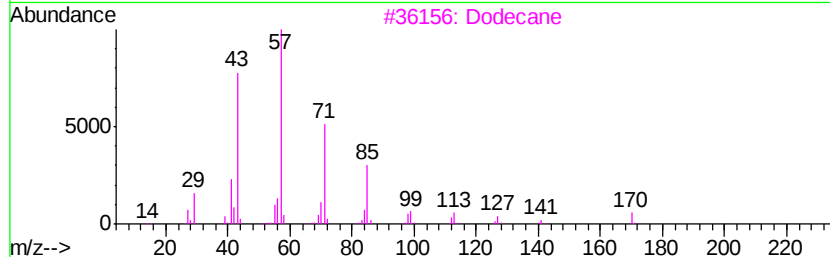
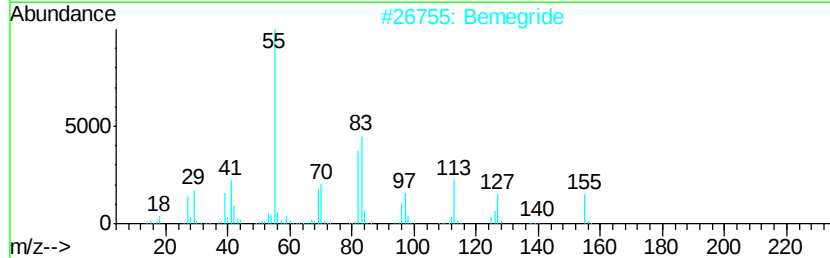
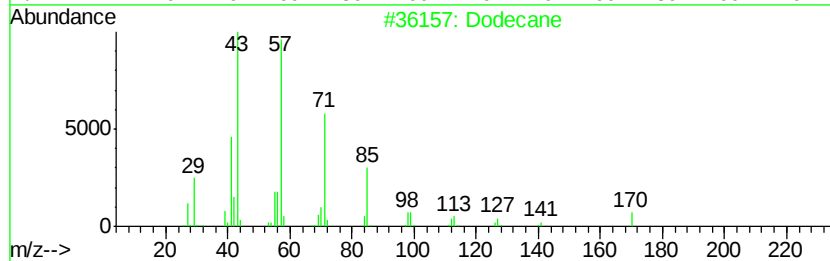
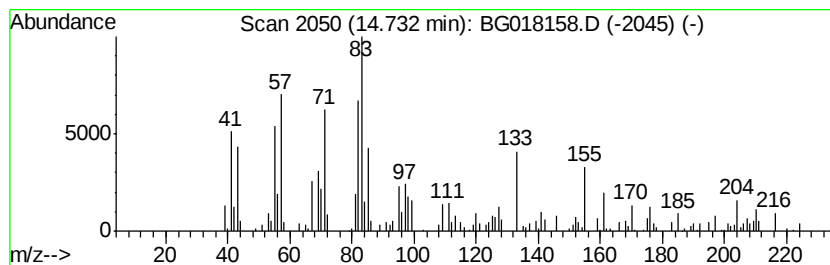
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.29 ng/ul	87241	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	38
2		Bemegride	155	C8H13NO2	000064-65-3	30
3		Dodecane	170	C12H26	000112-40-3	30
4		Dodecane	170	C12H26	000112-40-3	25
5		2,3-Dimethyldecane	170	C12H26	017312-44-6	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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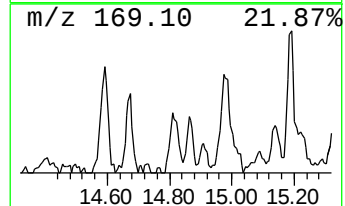
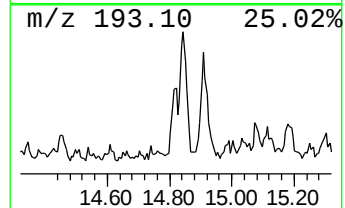
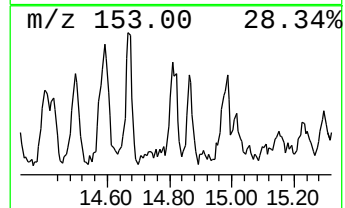
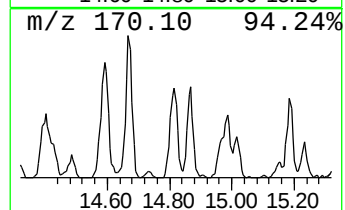
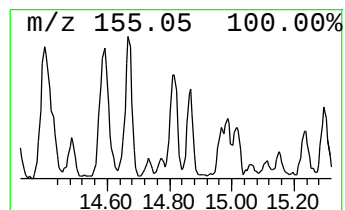
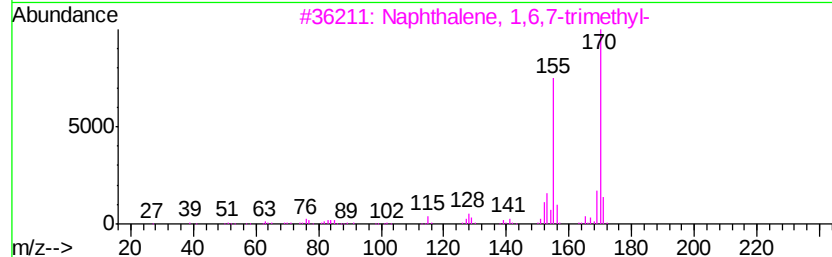
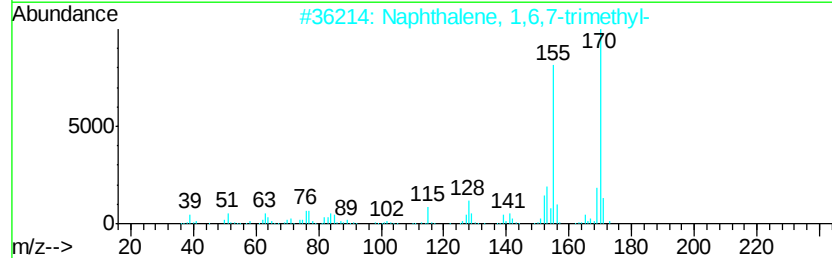
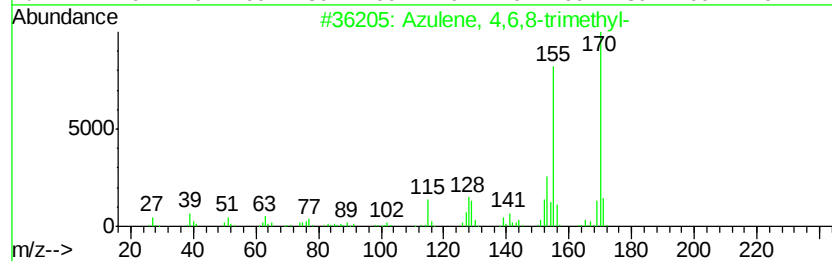
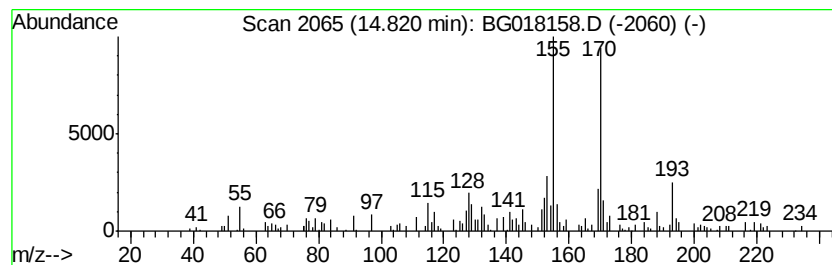
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Azulene, 4,6,8-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.11 ng/ul	80176	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



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Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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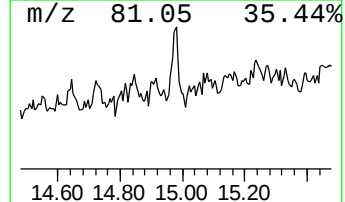
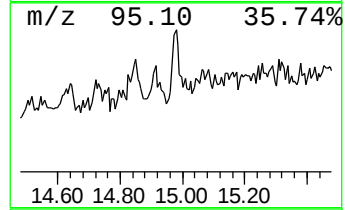
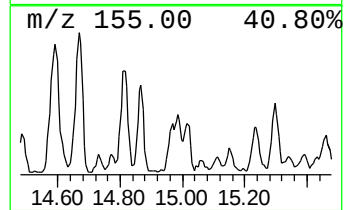
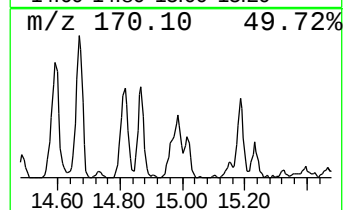
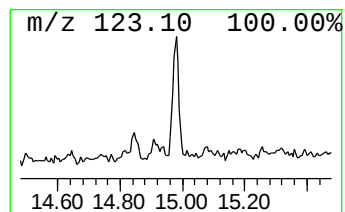
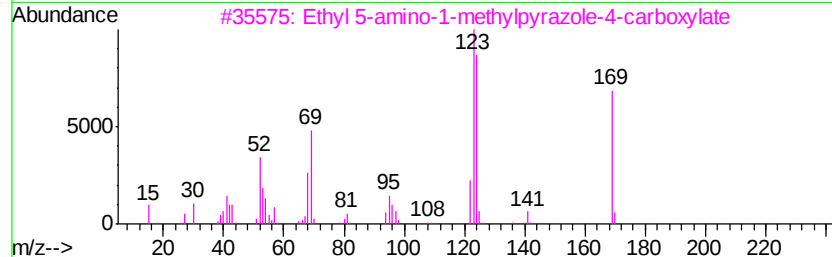
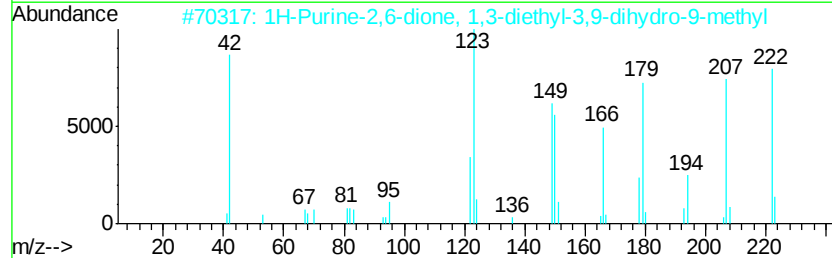
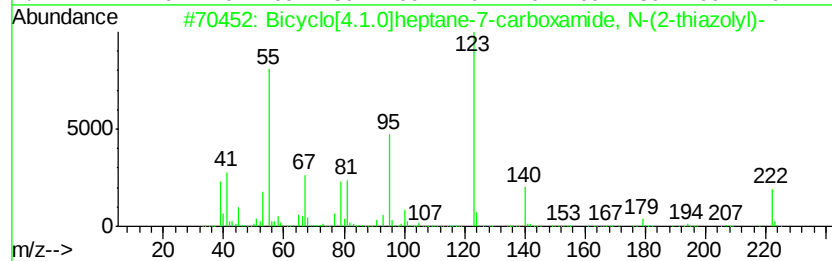
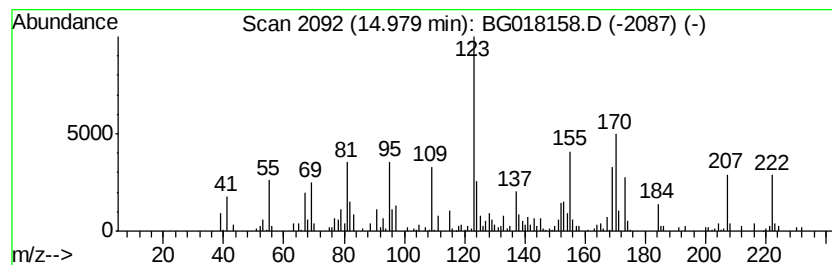
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 unknown-04 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	3.40 ng/ul	129242	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	22
2			1H-Purine-2,6-dione, 1,3-diethyl...	222	C10H14N4O2	054965-57-0	22
3			Ethyl 5-amino-1-methylpyrazole-4...	169	C7H11N3O2	031037-02-2	22
4			Benzoyl chloride, 2-fluoro-	158	C7H4ClFO	000393-52-2	14
5			3,3,5,5-Tetramethylcyclohexyl me...	236	C11H22FO2P	1000298-38-5	14



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ALS Vial : 47 Sample Multiplier: 1

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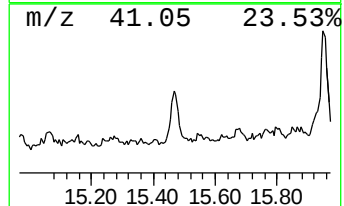
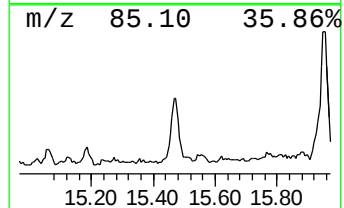
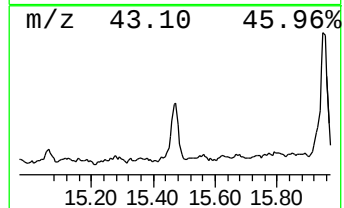
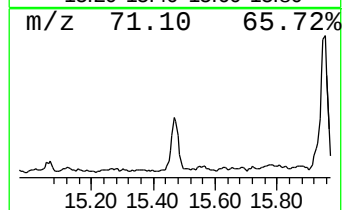
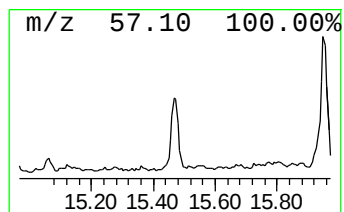
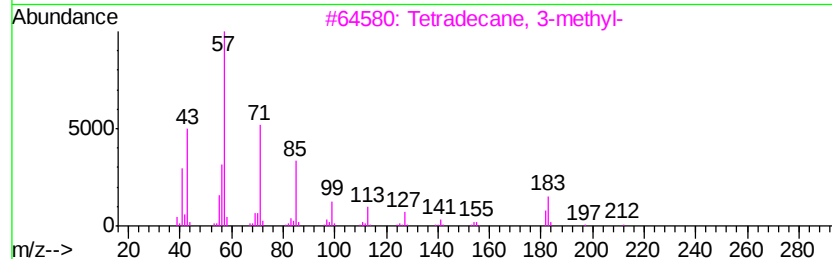
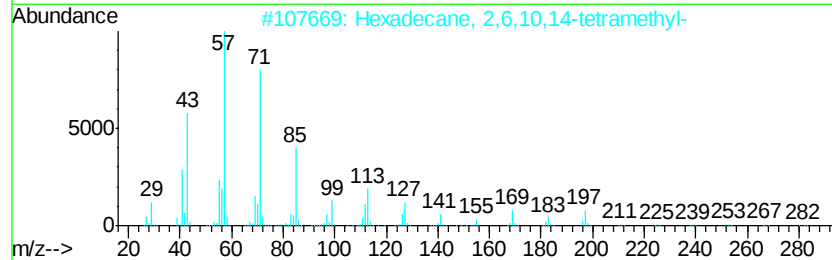
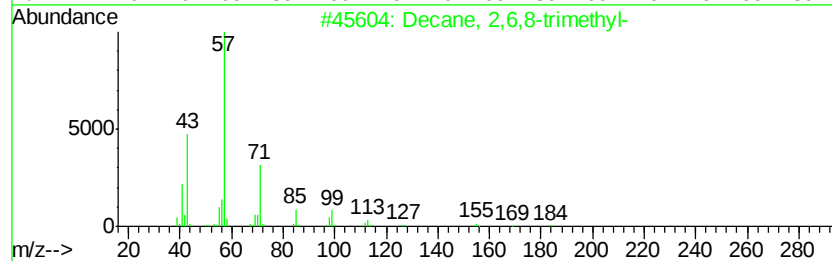
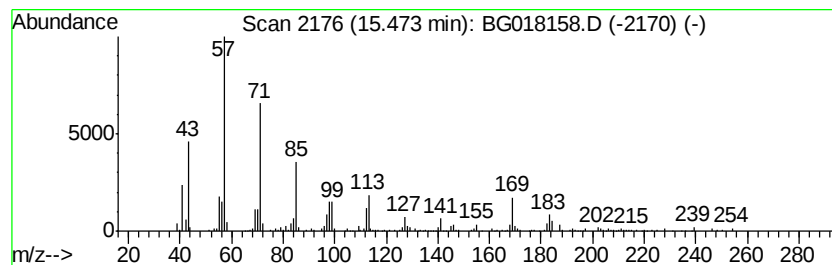
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	6.26 ng/ul	237979	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
3			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	58
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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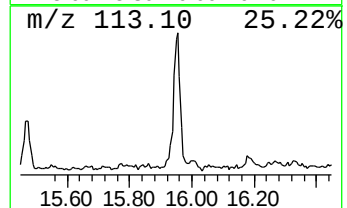
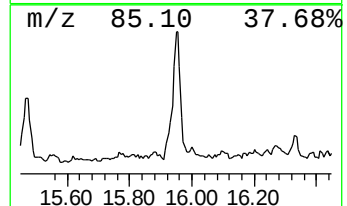
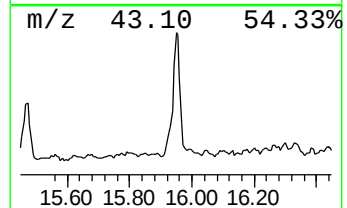
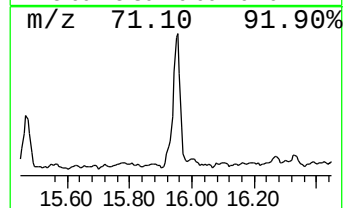
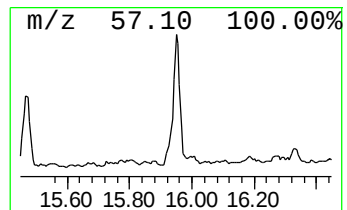
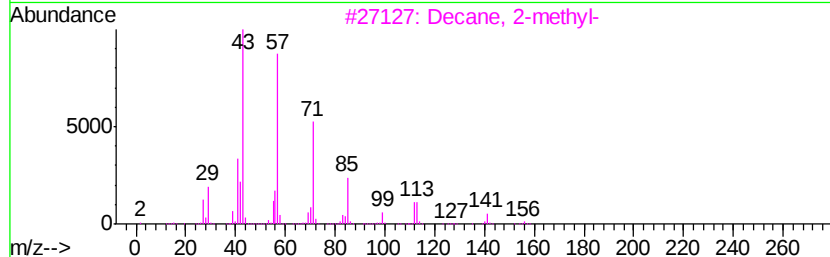
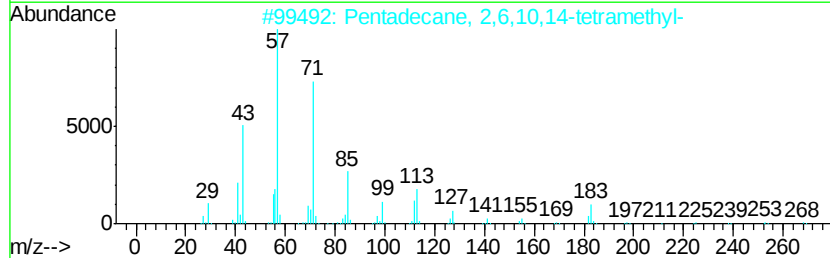
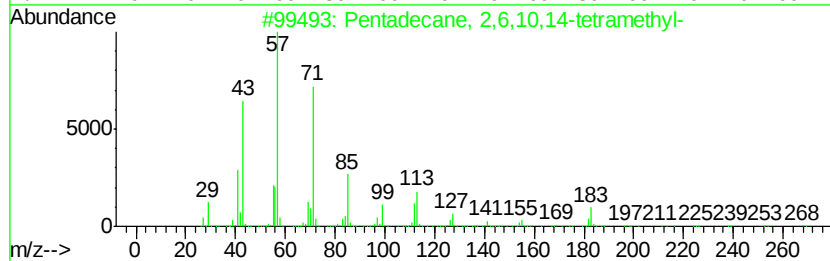
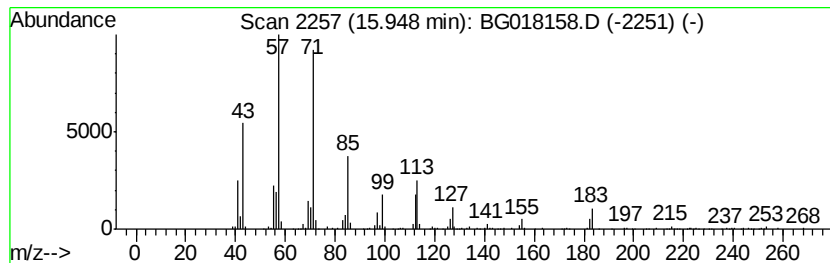
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	13.62 ng/ul	446575	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	97
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
3			Decane, 2-methyl-	156	C11H24	006975-98-0	83
4			Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
5			Decane, 2-methyl-	156	C11H24	006975-98-0	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
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Misc :
ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
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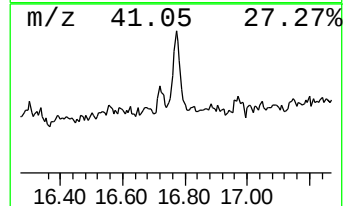
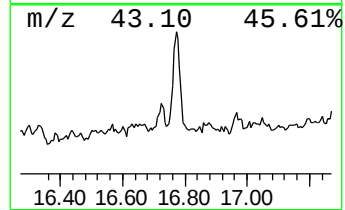
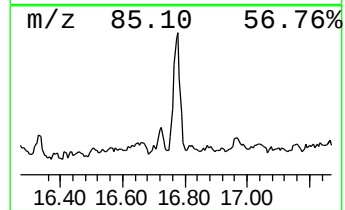
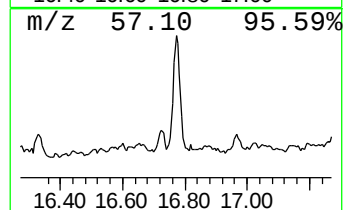
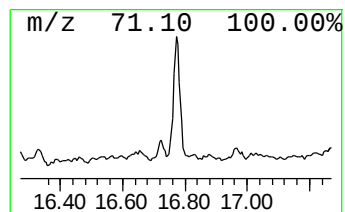
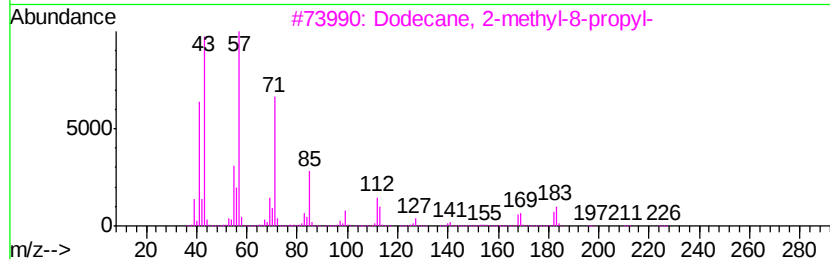
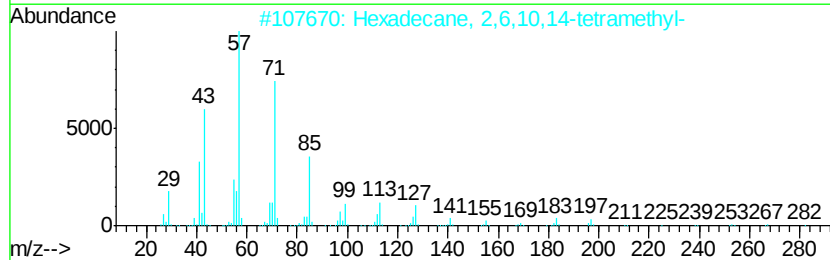
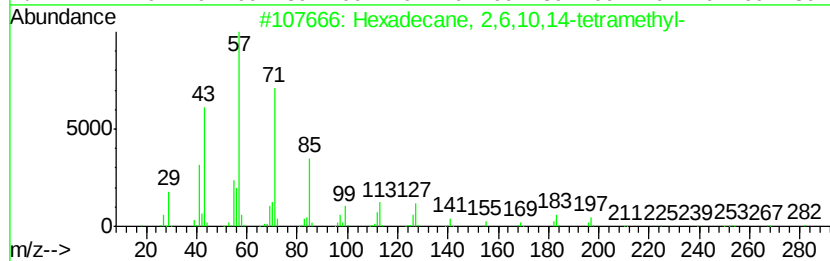
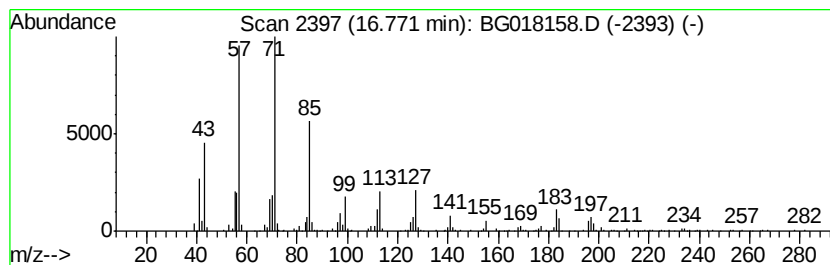
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	9.24 ng/ul	302995	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	76
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	68



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Sample : G3048-10
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ALS Vial : 47 Sample Multiplier: 1

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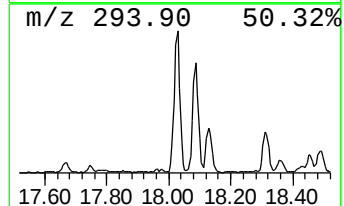
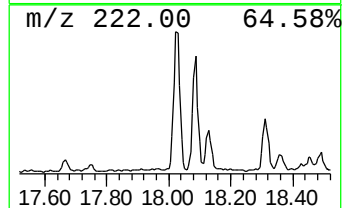
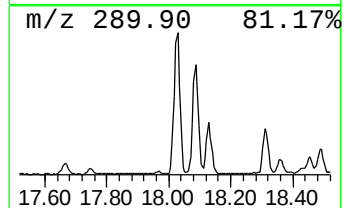
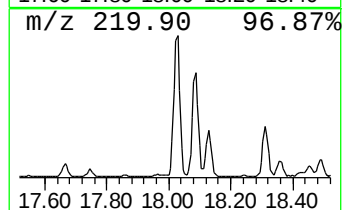
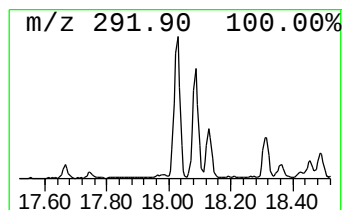
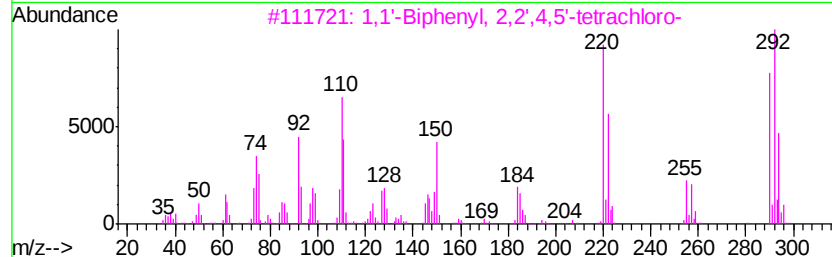
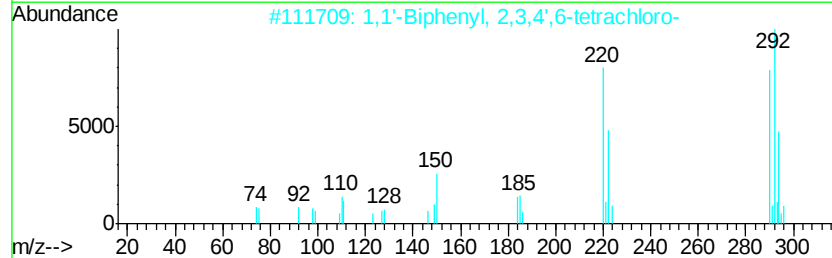
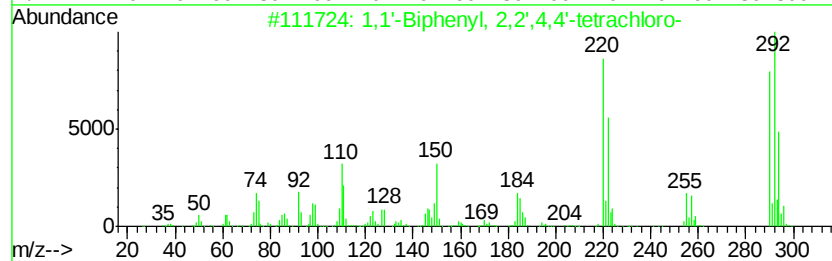
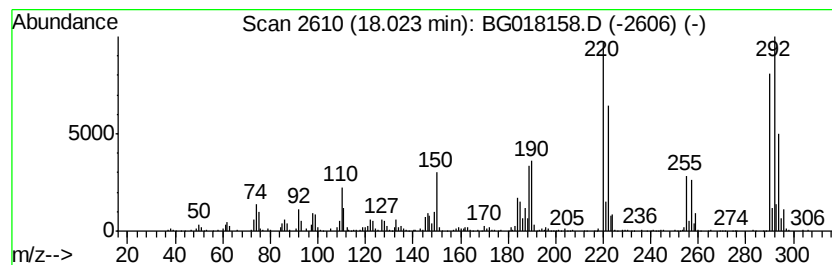
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	18.05 ng/ul	591851	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
5		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
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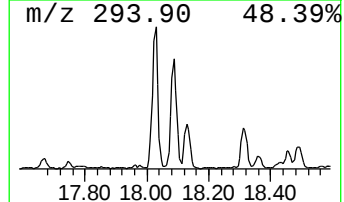
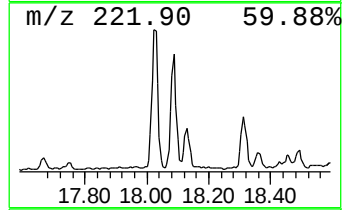
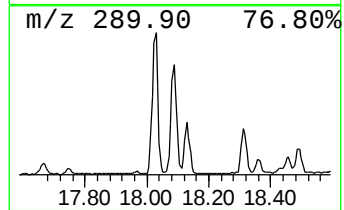
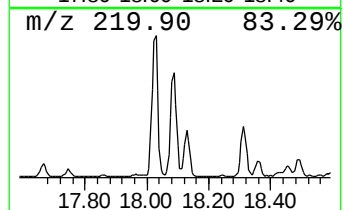
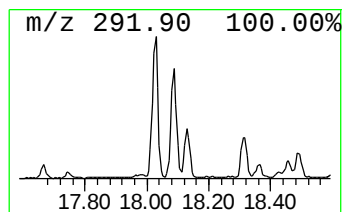
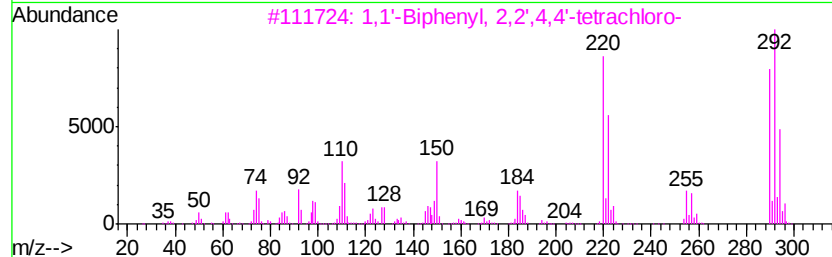
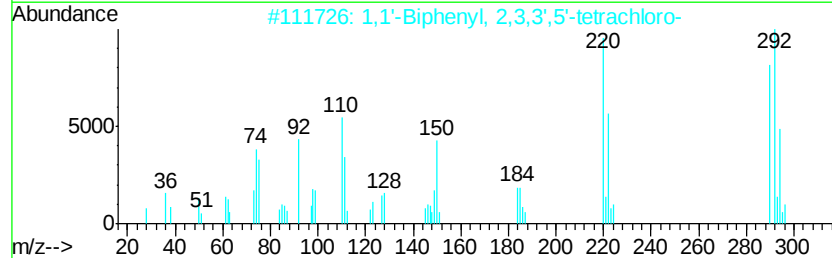
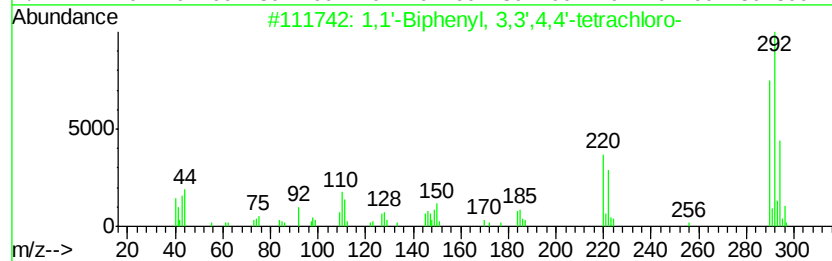
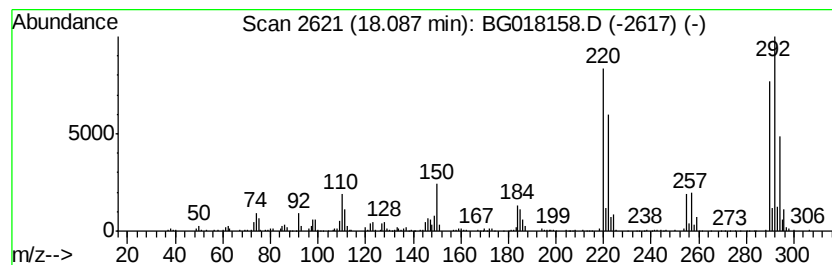
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	9.09 ng/ul	297916	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018158.D
Acq On : 28 Jul 2015 22:08
Operator : TP/UM
Sample : G3048-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X4

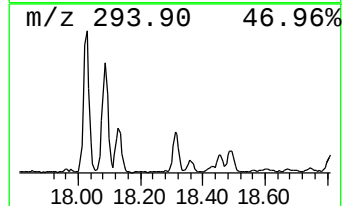
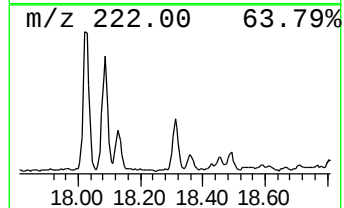
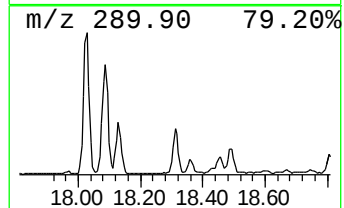
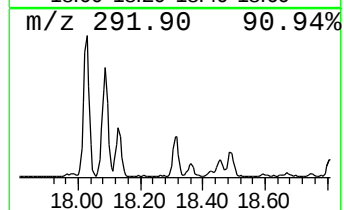
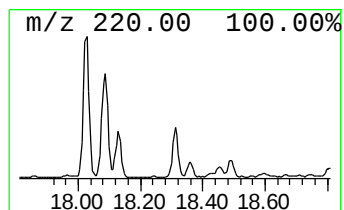
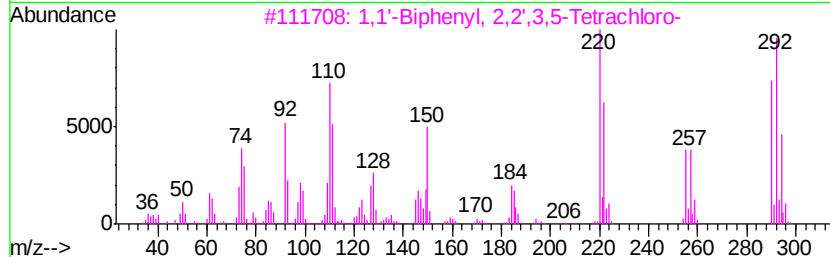
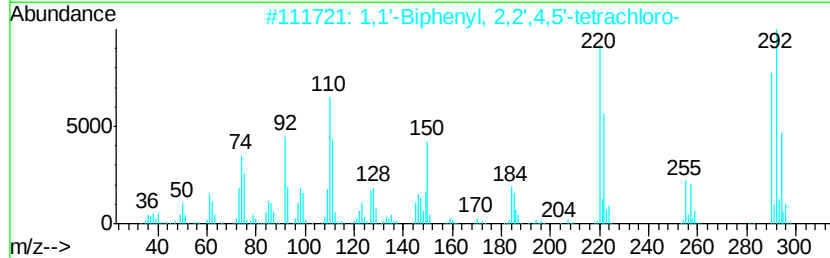
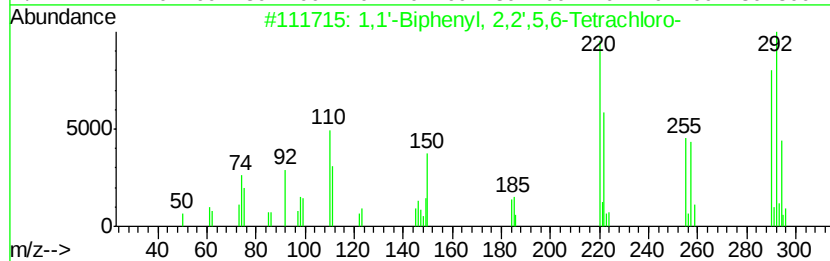
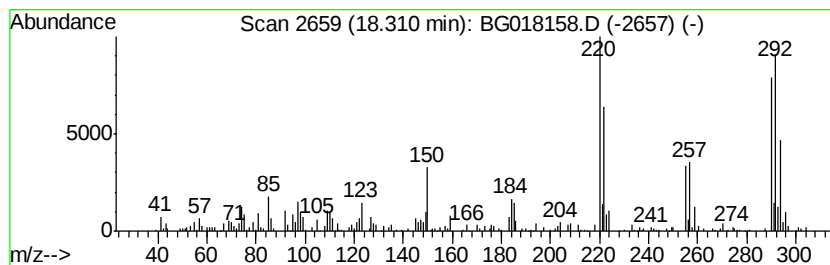
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.03 ng/ul	132033	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
2			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
3			1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	95
4			1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	94
5			1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018158.D
 Acq On : 28 Jul 2015 22:08
 Operator : TP/UM
 Sample : G3048-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, (2-methy...	9.50	3.3	ng/ul	127429	2	10.30	776508	20.0
Benzene, 1-ethyl-...	9.70	7.0	ng/ul	272896	2	10.30	776508	20.0
Benzene, 1-methyl...	10.00	2.9	ng/ul	111041	2	10.30	776508	20.0
(DEL) Alkane: Str...	10.47	2.2	ng/ul	84551	2	10.30	776508	20.0
Benzene, pentamet...	10.52	4.7	ng/ul	180932	2	10.30	776508	20.0
Benzene, 1,3-dime...	10.67	3.7	ng/ul	144310	2	10.30	776508	20.0
2'-Ethylpropiophe...	10.74	2.3	ng/ul	88909	2	10.30	776508	20.0
Benzene, 2,4-dime...	10.93	2.0	ng/ul	78189	2	10.30	776508	20.0
1H-Indene, 2,3-di...	11.02	6.7	ng/ul	258139	2	10.30	776508	20.0
1H-Indene, 2,3-di...	11.08	4.3	ng/ul	168573	2	10.30	776508	20.0
1H-Indene, 2,3-di...	11.21	5.0	ng/ul	194821	2	10.30	776508	20.0
(DEL) Alkane: Str...	11.34	9.3	ng/ul	362853	2	10.30	776508	20.0
.alpha.,.beta.,.b...	11.41	3.7	ng/ul	142086	2	10.30	776508	20.0
unknown-01	11.47	2.2	ng/ul	85846	2	10.30	776508	20.0
Naphthalene, 1,2,...	11.49	2.6	ng/ul	101624	2	10.30	776508	20.0
1,4-Methanonaphth...	11.84	5.2	ng/ul	201836	2	10.30	776508	20.0
1H-Indene, 2,3-di...	12.08	3.2	ng/ul	123352	2	10.30	776508	20.0
1H-Indene, 2,3-di...	12.29	2.7	ng/ul	102754	3	14.19	760338	20.0
unknown-02	12.45	2.6	ng/ul	98752	3	14.19	760338	20.0
unknown-03	12.52	4.4	ng/ul	167605	3	14.19	760338	20.0
Benzene, 1-(1-met...	12.59	3.5	ng/ul	131003	3	14.19	760338	20.0
Naphthalene, 1,2,...	12.69	5.6	ng/ul	214374	3	14.19	760338	20.0
(DEL) Alkane: Str...	12.72	3.8	ng/ul	145507	3	14.19	760338	20.0
1H-Indene, 2,3-di...	12.83	3.0	ng/ul	114263	3	14.19	760338	20.0
Naphthalene, 1,6-...	13.34	4.8	ng/ul	183791	3	14.19	760338	20.0
Naphthalene, 1,3-...	13.50	9.3	ng/ul	355378	3	14.19	760338	20.0
Naphthalene, 2,3-...	13.74	3.1	ng/ul	117914	3	14.19	760338	20.0
Decahydro-4,4,8,9...	14.01	2.3	ng/ul	86143	3	14.19	760338	20.0
(DEL) Alkane: Str...	14.73	2.3	ng/ul	87241	3	14.19	760338	20.0
Azulene, 4,6,8-tr...	14.82	2.1	ng/ul	80176	3	14.19	760338	20.0
unknown-04	14.98	3.4	ng/ul	129242	3	14.19	760338	20.0
(DEL) Alkane: Str...	15.47	6.3	ng/ul	237979	3	14.19	760338	20.0
(DEL) Alkane: Str...	15.95	13.6	ng/ul	446575	4	16.94	655657	20.0
(DEL) Alkane: Str...	16.77	9.2	ng/ul	302995	4	16.94	655657	20.0
1,1'-Biphenyl, 2,...	18.02	18.1	ng/ul	591851	4	16.94	655657	20.0
1,1'-Biphenyl, 3,...	18.09	9.1	ng/ul	297916	4	16.94	655657	20.0
1,1'-Biphenyl, 2,...	18.31	4.0	ng/ul	132033	4	16.94	655657	20.0