

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018349.D
 Acq On : 10 Aug 2015 3:59
 Operator : UM/TP
 Sample : G3136-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02C6

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-BG080915.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	3.219	61	65	69	rVB4	17650	22820	0.84%	0.072%
2	3.525	113	117	123	rBV8	11987	17696	0.65%	0.056%
3	3.865	171	175	181	rBV2	26602	35984	1.32%	0.114%
4	3.948	188	189	195	rVB6	8950	10119	0.37%	0.032%
5	4.042	199	205	209	rBV4	19306	30276	1.11%	0.096%
6	5.593	465	469	473	rVB6	11448	16811	0.62%	0.053%
7	5.722	484	491	501	rVV2	37262	88954	3.26%	0.282%
8	6.092	548	554	564	rVB	59483	104636	3.83%	0.332%
9	6.638	642	647	651	rVB7	12408	16010	0.59%	0.051%
10	6.715	655	660	662	rVV6	9953	16923	0.62%	0.054%
11	6.768	664	669	675	rVB6	18633	38852	1.42%	0.123%
12	6.891	688	690	697	rBV7	7581	10937	0.40%	0.035%
13	6.985	705	706	711	rVB5	7806	9078	0.33%	0.029%
14	7.067	711	720	726	rBV9	23187	61795	2.26%	0.196%
15	7.132	726	731	733	rVV5	12963	19984	0.73%	0.063%
16	7.161	733	736	741	rVV5	18247	30973	1.14%	0.098%
17	7.232	741	748	755	rVV	258136	450696	16.52%	1.431%
18	7.297	755	759	764	rVB3	17194	27977	1.03%	0.089%
19	7.396	767	776	783	rBV	193361	330073	12.10%	1.048%
20	7.467	784	788	792	rBV7	10760	15338	0.56%	0.049%
21	7.561	801	804	806	rBV3	11021	15445	0.57%	0.049%
22	7.608	806	812	821	rVV	233441	411372	15.08%	1.306%
23	7.702	823	828	838	rVB3	66971	137287	5.03%	0.436%
24	8.078	883	892	900	rVV	483560	856425	31.39%	2.719%
25	8.195	908	912	915	rBV3	16178	26730	0.98%	0.085%
26	8.266	919	924	926	rBV6	10463	11099	0.41%	0.035%
27	8.366	938	941	945	rVB5	12866	17730	0.65%	0.056%
28	8.448	953	955	959	rVB5	8763	11917	0.44%	0.038%
29	8.513	964	966	971	rVB5	5986	9950	0.36%	0.032%
30	8.572	971	976	978	rBV6	8656	14437	0.53%	0.046%
31	8.619	980	984	990	rBV6	15129	26388	0.97%	0.084%
32	8.724	997	1002	1005	rBV6	18913	39710	1.46%	0.126%
33	8.777	1005	1011	1017	rVB	207662	362308	13.28%	1.150%
34	8.842	1019	1022	1026	rBV6	12005	13310	0.49%	0.042%

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35	9.077	1060	1062	1071	rVB10	11756	20804	0.76%	0.066%
36	9.153	1071	1075	1076	rBV4	7880	10099	0.37%	0.032%
37	9.183	1076	1080	1082	rVV3	22477	31429	1.15%	0.100%
38	9.230	1083	1088	1096	rVV	230362	421701	15.45%	1.339%
39	9.306	1096	1101	1105	rVV	61099	93111	3.41%	0.296%
40	9.341	1105	1107	1111	rVB5	15706	19769	0.72%	0.063%
41	9.394	1111	1116	1120	rBV6	11075	19198	0.70%	0.061%
42	9.435	1120	1123	1128	rVB7	7955	15183	0.56%	0.048%
43	9.658	1159	1161	1166	rVB5	7070	9862	0.36%	0.031%
44	9.723	1166	1172	1175	rBV7	9873	16877	0.62%	0.054%
45	9.758	1175	1178	1183	rVV5	12337	23863	0.87%	0.076%
46	9.805	1184	1186	1191	rVV6	12239	16080	0.59%	0.051%
47	9.958	1205	1212	1218	rBV2	198566	360936	13.23%	1.146%
48	10.070	1226	1231	1232	rBV5	18173	22587	0.83%	0.072%
49	10.228	1255	1258	1262	rBV6	8421	13751	0.50%	0.044%
50	10.293	1264	1269	1274	rVV8	14455	34426	1.26%	0.109%
51	10.499	1297	1304	1313	rVB	303005	530920	19.46%	1.685%
52	10.587	1314	1319	1322	rBV7	6062	11882	0.44%	0.038%
53	10.763	1342	1349	1353	rBV9	8666	24477	0.90%	0.078%
54	10.886	1360	1370	1374	rBV	820222	1577174	57.80%	5.007%
55	10.933	1374	1378	1385	rVB	515025	902844	33.09%	2.866%
56	11.010	1385	1391	1395	rBV	100793	191499	7.02%	0.608%
57	11.298	1438	1440	1445	rVB6	6867	9562	0.35%	0.030%
58	11.380	1450	1454	1458	rBV6	10236	13608	0.50%	0.043%
59	11.439	1459	1464	1472	rVB5	20944	44388	1.63%	0.141%
60	11.515	1472	1477	1480	rBV4	19347	41645	1.53%	0.132%
61	11.592	1484	1490	1495	rVV6	39349	74924	2.75%	0.238%
62	11.650	1497	1500	1505	rVB6	12244	19427	0.71%	0.062%
63	11.797	1521	1525	1532	rVB9	24592	42815	1.57%	0.136%
64	11.874	1533	1538	1539	rBV5	14100	19871	0.73%	0.063%
65	11.903	1539	1543	1546	rBV3	36609	57066	2.09%	0.181%
66	11.985	1553	1557	1563	rVB7	40611	77831	2.85%	0.247%
67	12.073	1566	1572	1578	rBV7	15981	45961	1.68%	0.146%
68	12.120	1578	1580	1583	rBV4	11760	11347	0.42%	0.036%
69	12.173	1585	1589	1592	rBV6	16496	23573	0.86%	0.075%
70	12.297	1606	1610	1612	rBV3	30804	42141	1.54%	0.134%
71	12.532	1645	1650	1659	rVB	216515	371501	13.62%	1.179%

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72	12.608	1659	1663	1671	rBV8	44831	114118	4.18%	0.362%
73	12.749	1682	1687	1692	rBV	123280	197168	7.23%	0.626%
74	12.925	1713	1717	1721	rBV7	36908	50801	1.86%	0.161%
75	13.072	1738	1742	1746	rBV6	42576	63164	2.31%	0.201%
76	13.154	1752	1756	1761	rBV5	61459	90432	3.31%	0.287%
77	13.313	1778	1783	1787	rBV6	80931	145700	5.34%	0.463%
78	13.495	1809	1814	1816	rBV2	149587	244612	8.96%	0.777%
79	14.100	1912	1917	1919	rBV	460235	652304	23.91%	2.071%
80	14.141	1919	1924	1928	rVV2	425813	916956	33.61%	2.911%
81	14.183	1929	1931	1935	rVB	144567	157854	5.79%	0.501%
82	14.247	1936	1942	1948	rBV7	130648	306557	11.23%	0.973%
83	14.388	1962	1966	1971	rBV	455497	666116	24.41%	2.115%
84	14.447	1972	1976	1981	rVV7	188254	323014	11.84%	1.025%
85	14.535	1987	1991	1997	rVB	603864	888911	32.58%	2.822%
86	14.600	1998	2002	2008	rBV5	153725	336580	12.34%	1.069%
87	14.700	2009	2019	2025	rBV2	1379607	2728596	100.00%	8.662%
88	14.764	2025	2030	2035	rBV	503876	878553	32.20%	2.789%
89	14.876	2046	2049	2054	rBV2	134251	182735	6.70%	0.580%
90	15.093	2082	2086	2091	rVB2	361914	532775	19.53%	1.691%
91	15.493	2150	2154	2159	rVB2	361805	501193	18.37%	1.591%
92	15.687	2183	2187	2192	rVB	610413	878948	32.21%	2.790%
93	15.745	2192	2197	2203	rBV	449314	809012	29.65%	2.568%
94	16.433	2307	2314	2319	rBV	581895	1054762	38.66%	3.349%
95	17.443	2481	2486	2490	rBV2	1479630	2398605	87.91%	7.615%
96	17.485	2490	2493	2499	rVB	1607073	2321123	85.07%	7.369%
97	17.543	2500	2503	2506	rVB	416707	521607	19.12%	1.656%
98	19.494	2831	2835	2840	rVB	1543917	2071804	75.93%	6.577%
99	19.547	2841	2844	2850	rVB	1106141	1422175	52.12%	4.515%
100	19.852	2894	2896	2900	rVB	1232802	1469086	53.84%	4.664%

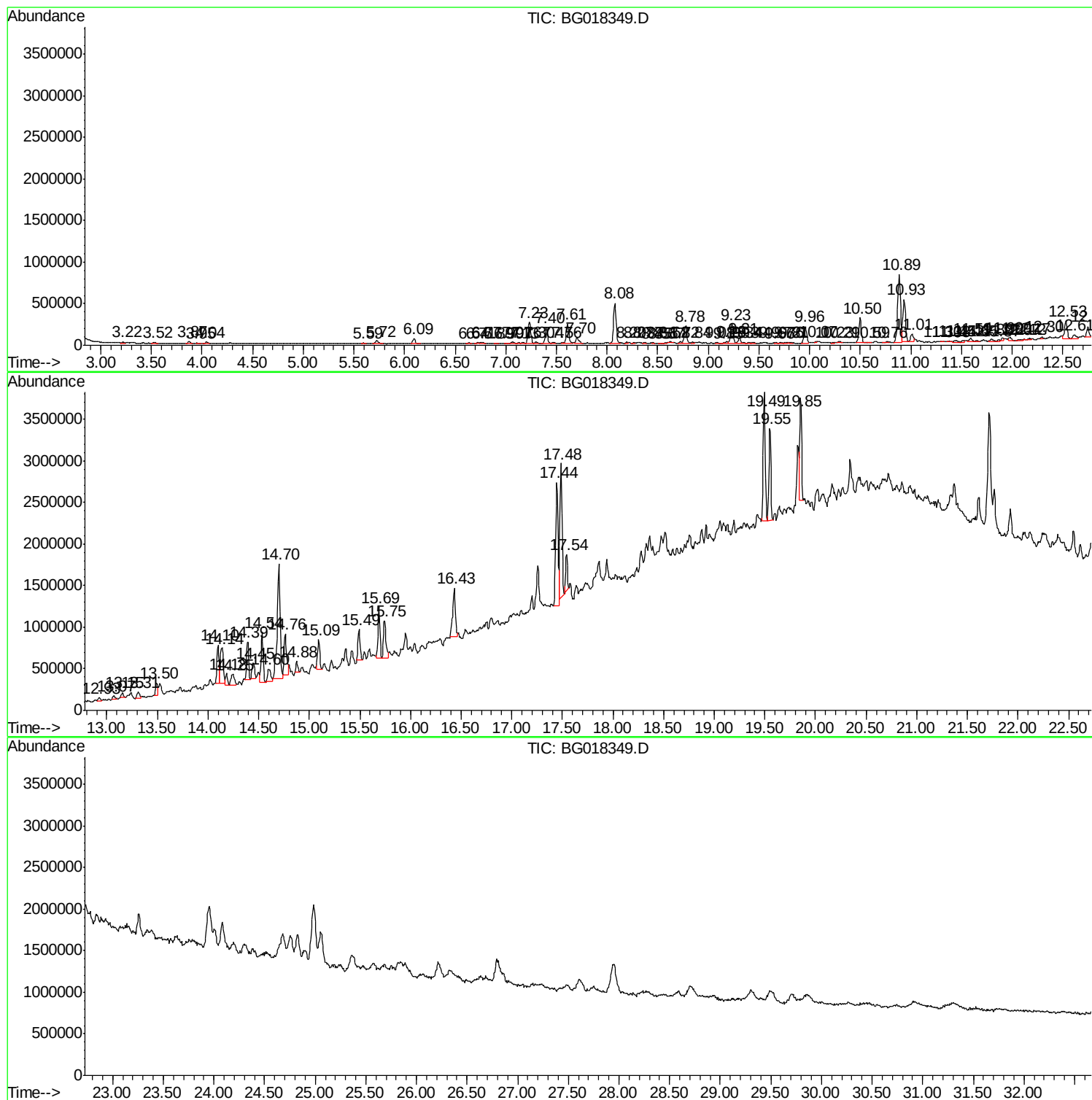
Sum of corrected areas: 31499433

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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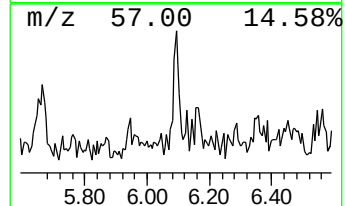
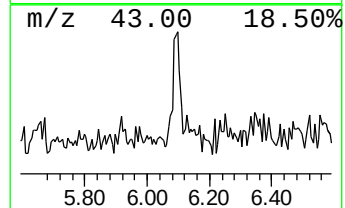
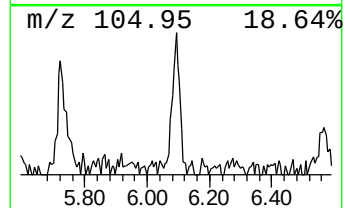
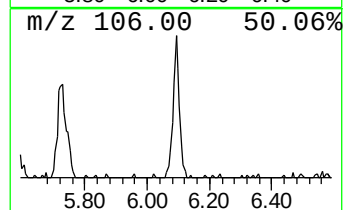
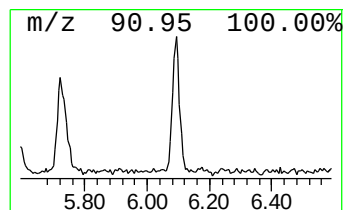
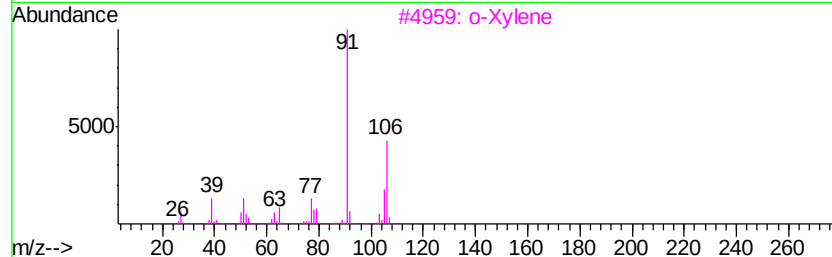
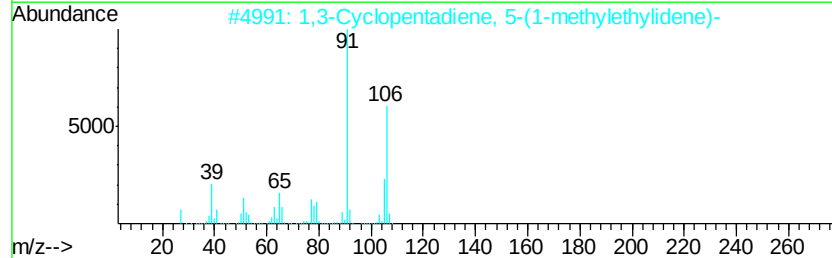
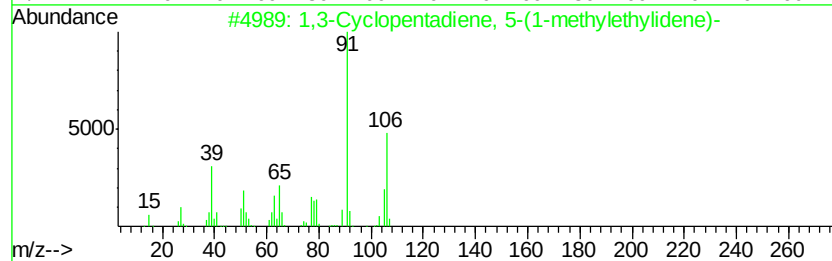
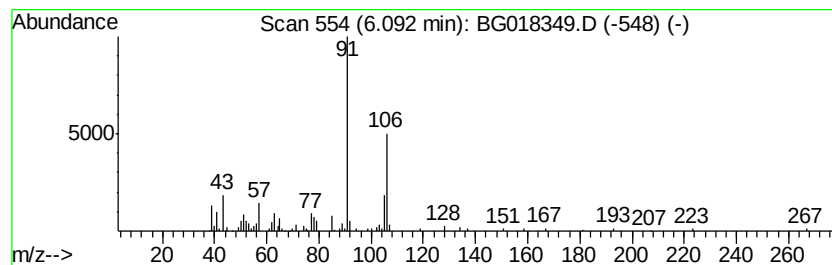
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.44 ng/ul	104636	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
2		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	76
3		o-Xylene	106	C8H10	000095-47-6	74
4		Ethylbenzene	106	C8H10	000100-41-4	72
5		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68



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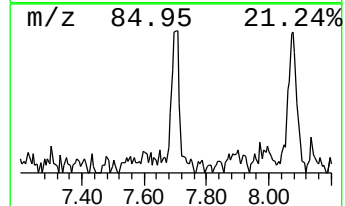
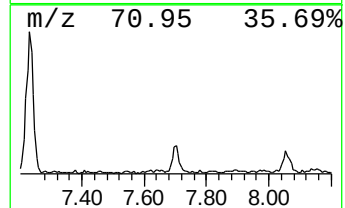
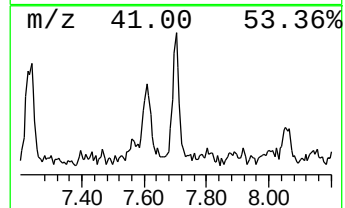
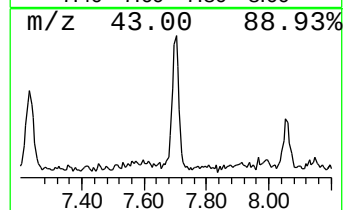
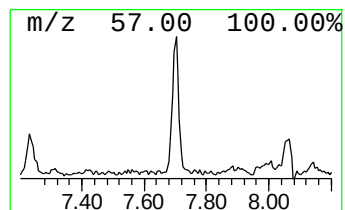
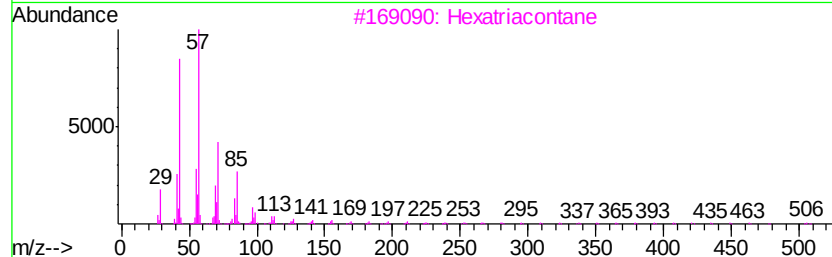
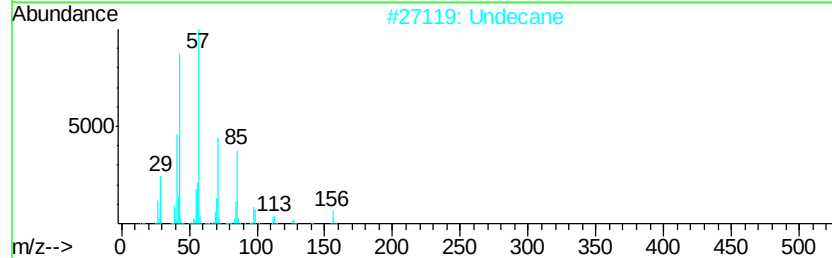
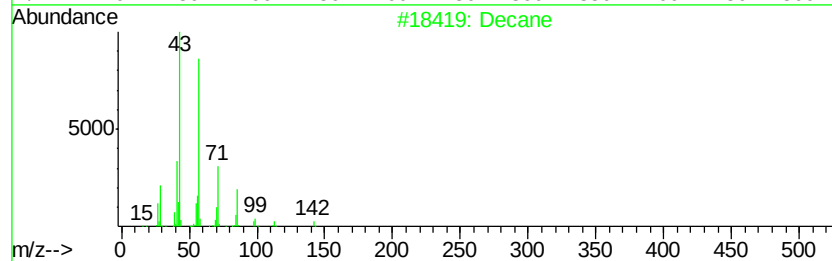
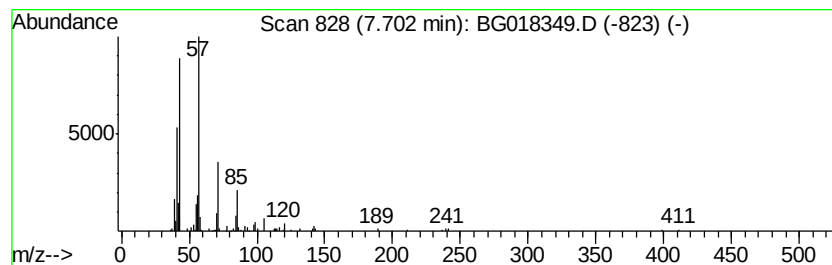
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	3.21 ng/ul	137287	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Undecane	156	C11H24	001120-21-4	78
3		Hexatriacontane	507	C36H74	000630-06-8	78
4		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	78
5		Dotriacontane	451	C32H66	000544-85-4	78



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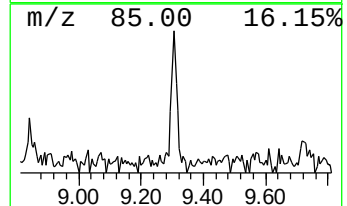
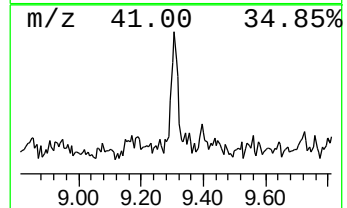
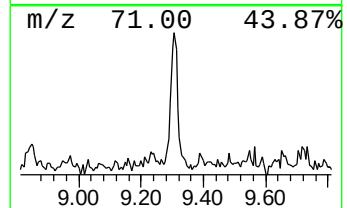
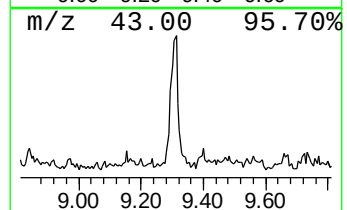
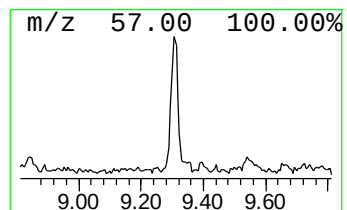
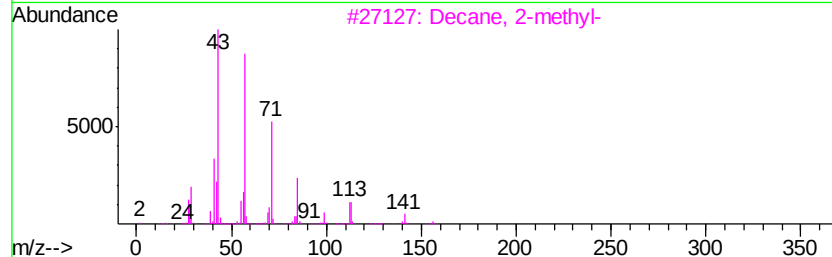
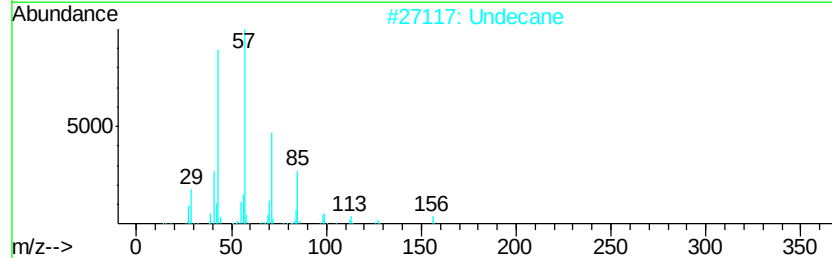
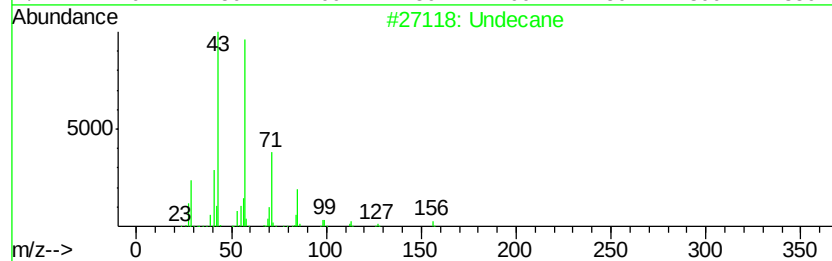
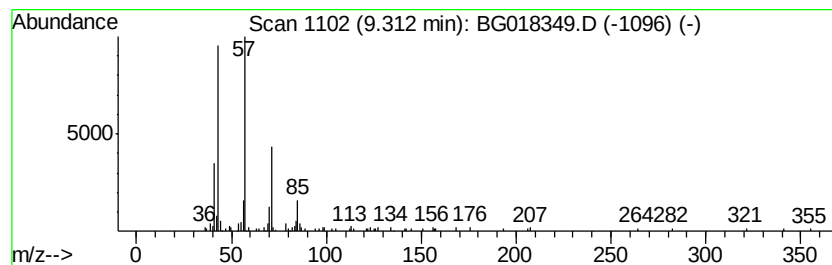
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.17 ng/ul	93111	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Undecane	156	C11H24	001120-21-4	87
3		Decane, 2-methyl-	156	C11H24	006975-98-0	81
4		Undecane	156	C11H24	001120-21-4	80
5		Dodecane	170	C12H26	000112-40-3	80



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Misc :
ALS Vial : 23 Sample Multiplier: 1

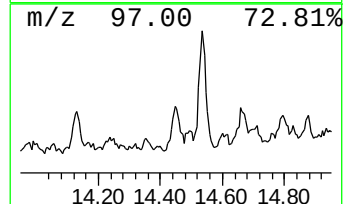
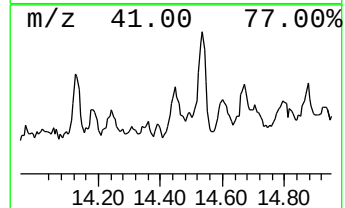
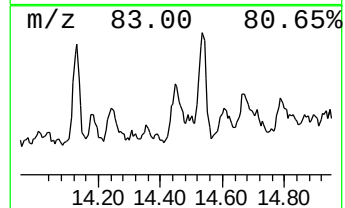
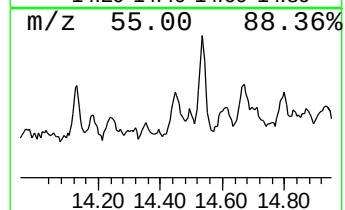
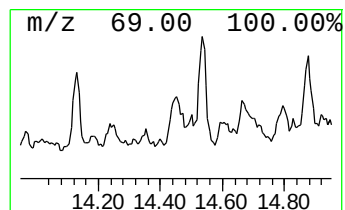
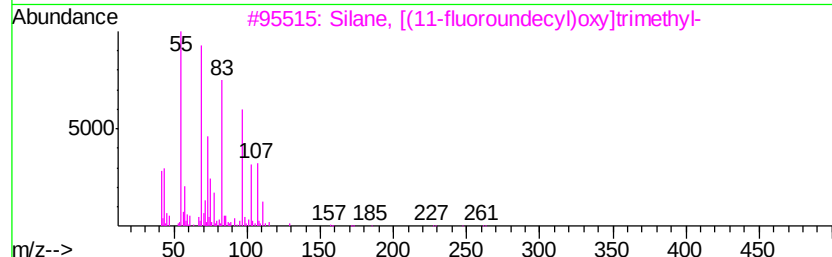
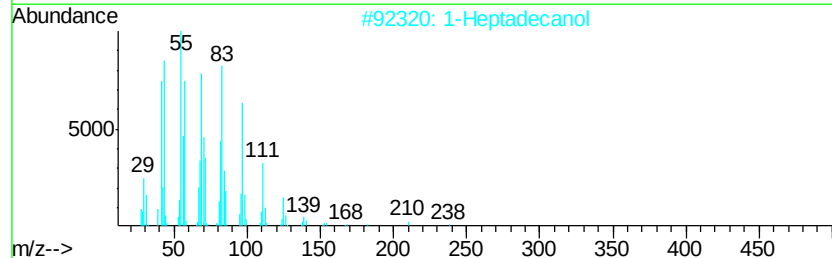
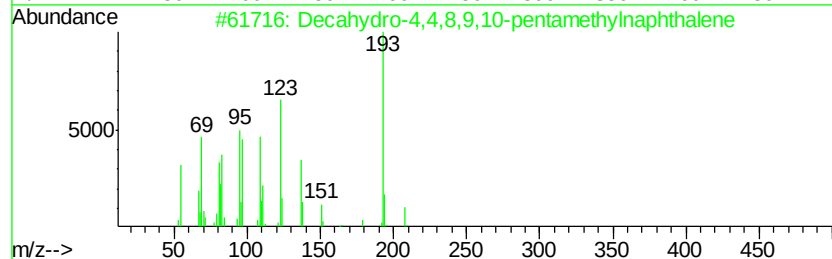
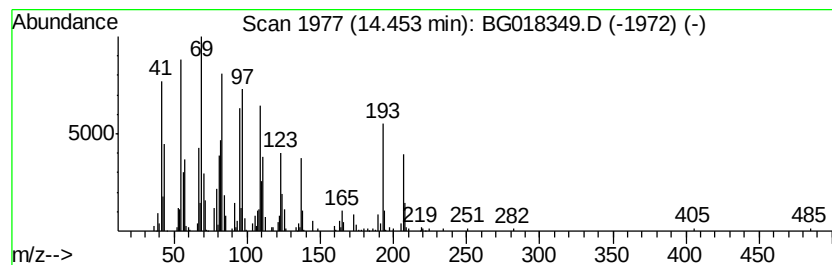
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.37 ng/ul	323014	Acenaphthene-d10	14.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 83
2		1-Heptadecanol	256 C17H36O	001454-85-9 27
3		Silane, [(11-fluoroundecyl)oxylt...	262 C14H31FOSi	026305-81-7 27
4		Phosphinecarboxylic acid, dietho...	210 C7H15O5P	001474-78-8 25
5		Cyclohexane, 1,1',1''-(1-ethanyl...	276 C20H36	055682-86-5 22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018349.D
Acq On : 10 Aug 2015 3:59
Operator : UM/TP
Sample : G3136-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

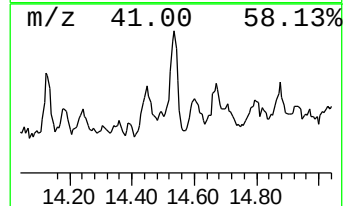
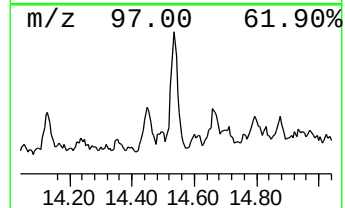
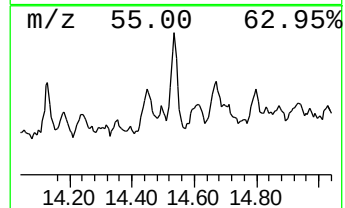
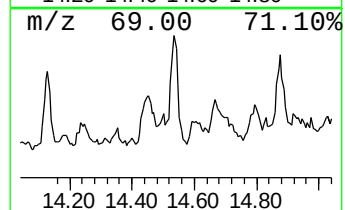
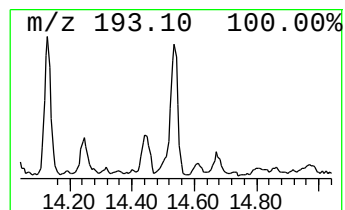
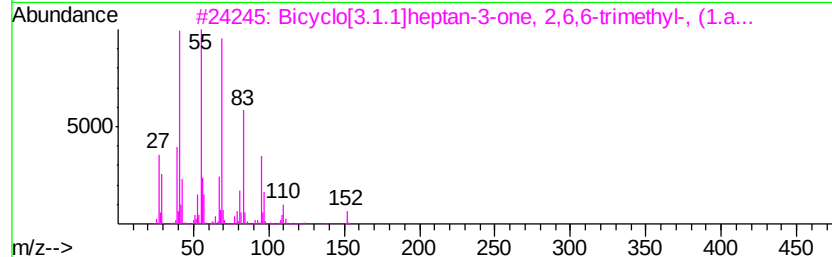
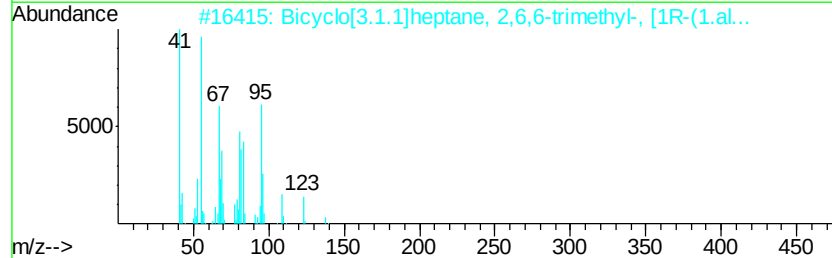
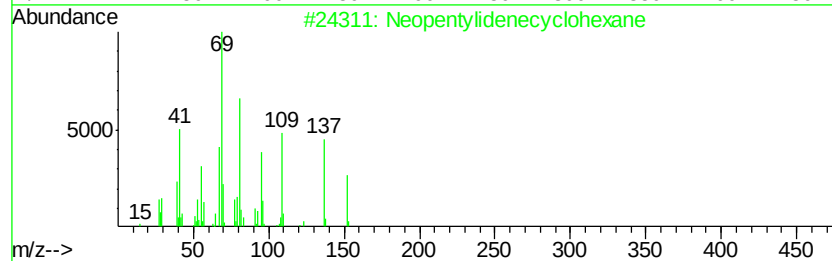
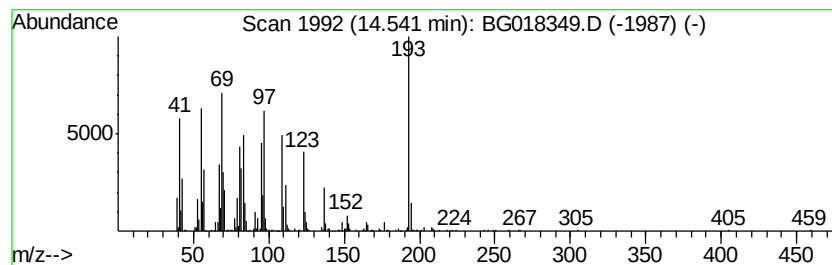
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.54	6.52 ng/ul	888911	Acenaphthene-d10	14.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	15
5	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018349.D
Acq On : 10 Aug 2015 3:59
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Sample : G3136-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

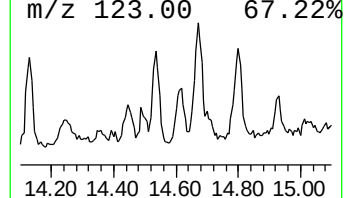
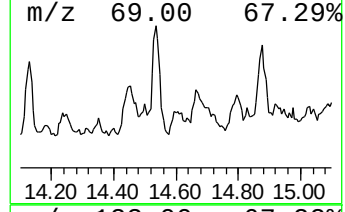
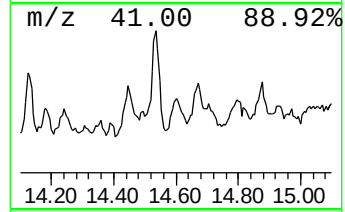
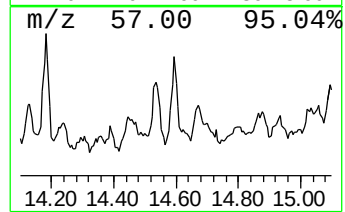
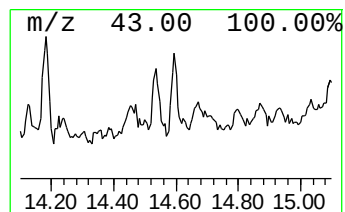
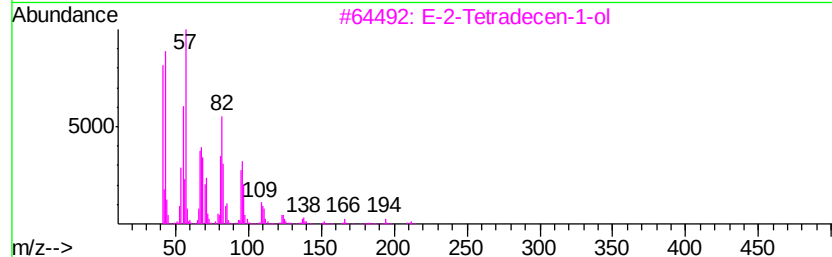
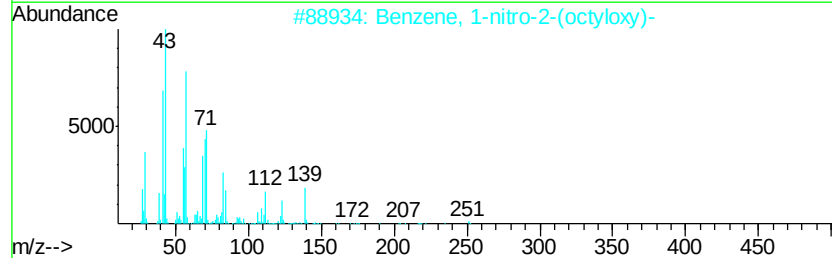
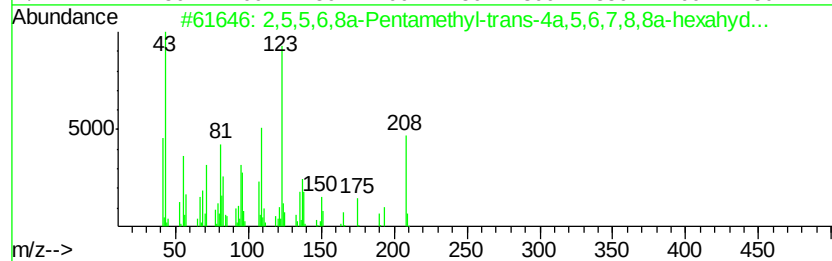
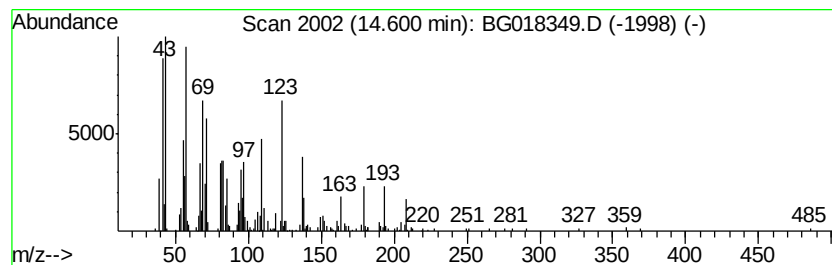
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.47 ng/ul	336580	Acenaphthene-d10	14.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,5,5,6,8a-Pentamethyl-trans-4a,...	208 C14H24O	1000215-77-8	38
2	Benzene, 1-nitro-2-(octyloxy)-	251 C14H21NO3	037682-29-4	25
3	E-2-Tetradecen-1-ol	212 C14H28O	1000130-83-7	25
4	3,7-Dimethyl-6-nonen-1-ol acetate	212 C13H24O2	1000131-34-9	18
5	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126 C8H14O	162239-52-3	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
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Sample : G3136-14
Misc :
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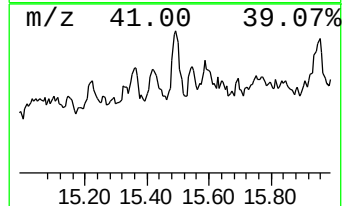
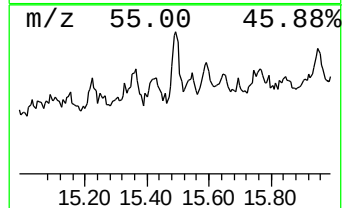
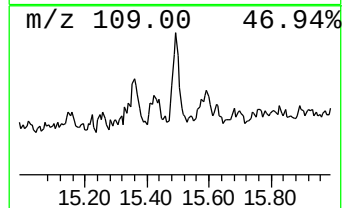
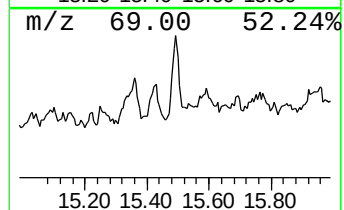
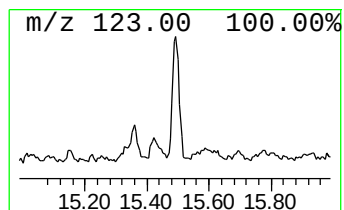
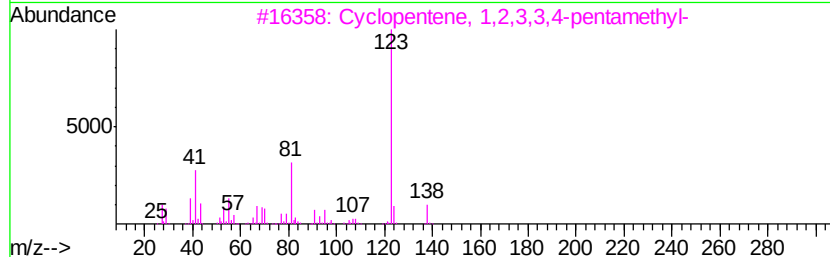
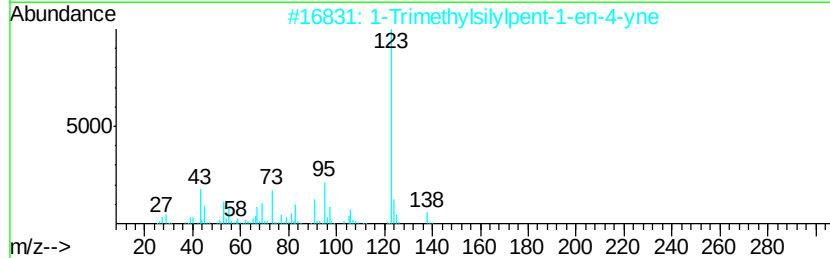
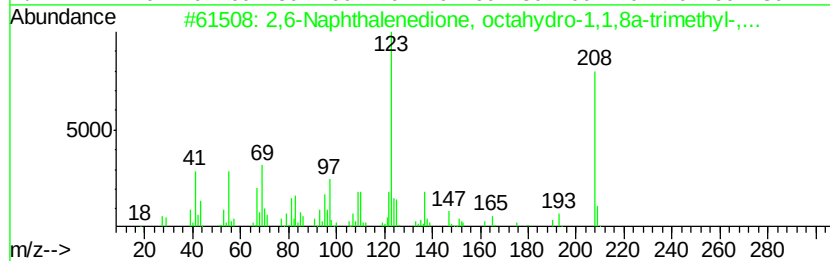
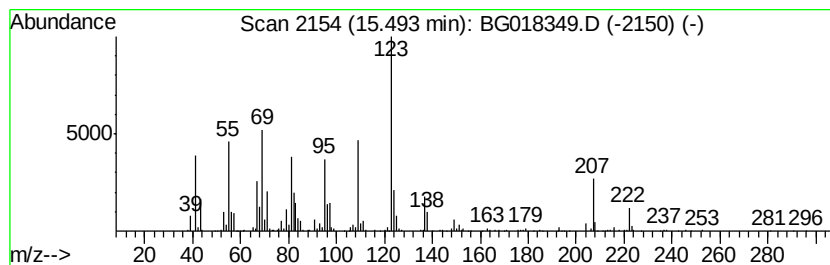
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 2,6-Naphthalenedione, octah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	3.67 ng/ul	501193	Acenaphthene-d10	14.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6-Naphthalenedione, octahydro-...	208 C13H20O2	057289-16-4	50
2	1-Trimethylsilylpent-1-en-4-yne	138 C8H14Si	079516-25-9	43
3	Cyclopentene, 1,2,3,3,4-pentamethyl-	138 C10H18	197390-29-7	38
4	3-Fluorobenzoic acid, 3-methylbutyl-	208 C12H13FO2	154559-38-3	38
5	3-Fluorobenzoic acid, 3-tetradecyl-	336 C21H33FO2	1000280-60-5	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018349.D
Acq On : 10 Aug 2015 3:59
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Misc :
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ClientSampleId :
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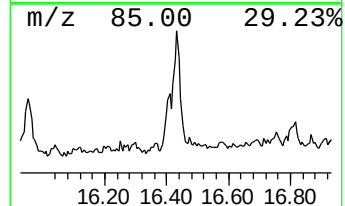
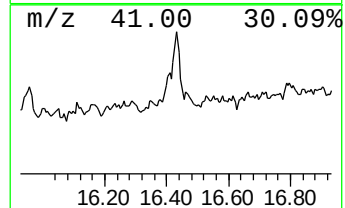
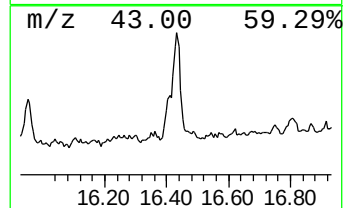
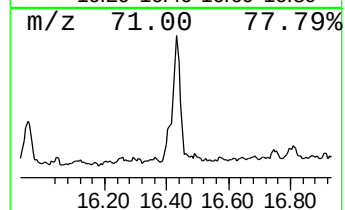
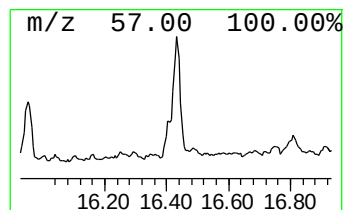
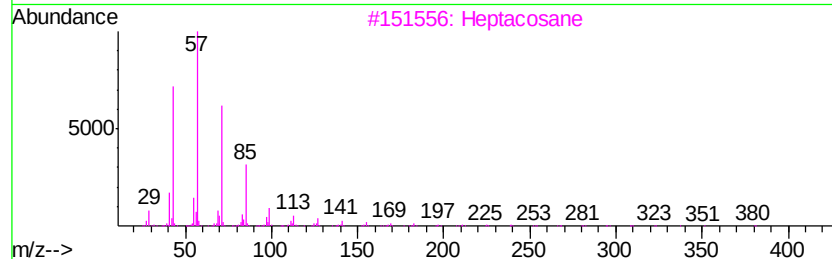
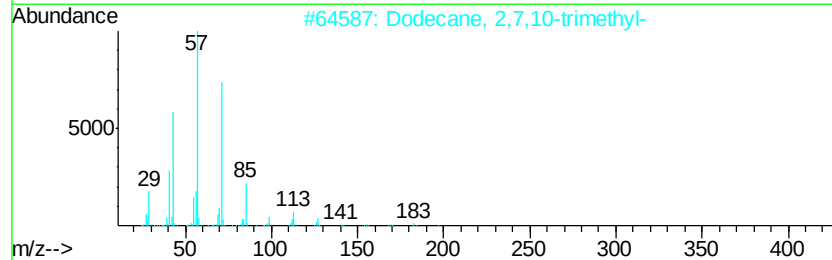
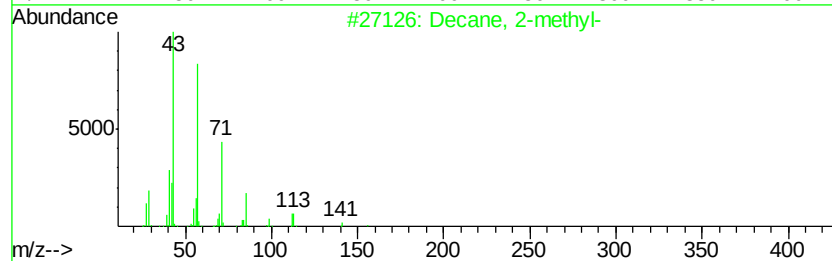
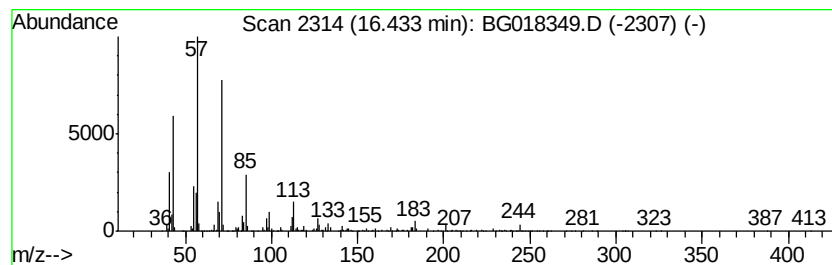
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	8.79 ng/ul	1054760	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	86
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Heptacosane	380	C27H56	000593-49-7	68
4			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018349.D
Acq On : 10 Aug 2015 3:59
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Sample : G3136-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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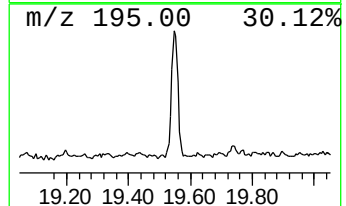
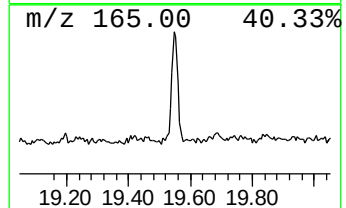
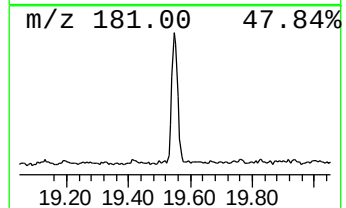
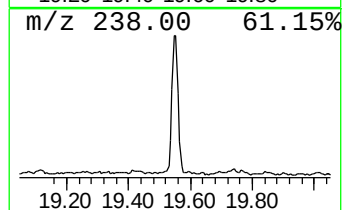
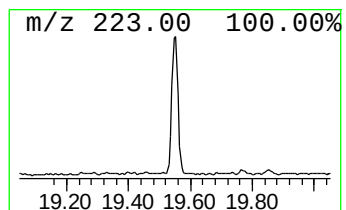
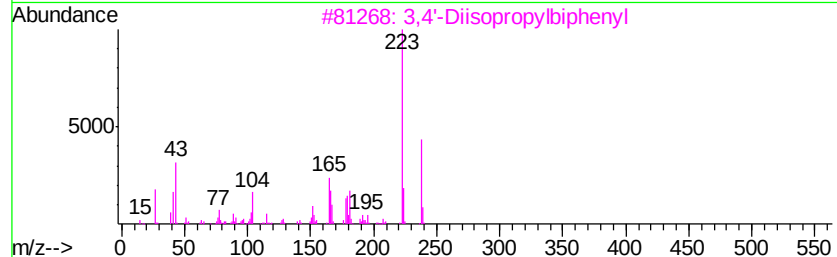
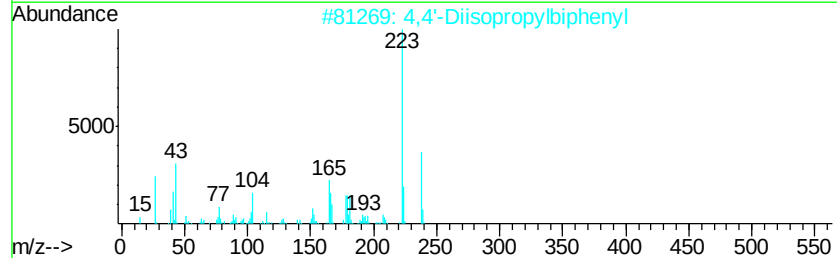
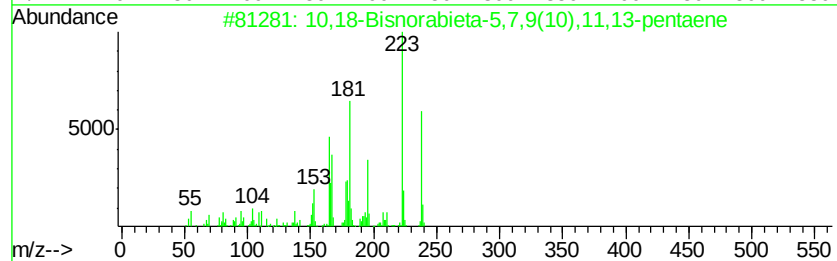
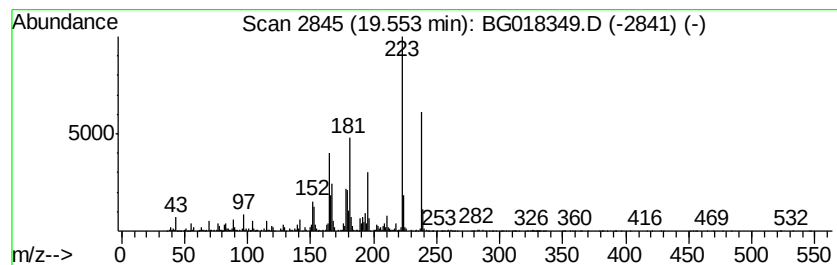
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 10,18-Bisnorabieta-5,7,9(10)... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	11.86 ng/ul	1422180	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50
4		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	50
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018349.D
Acq On : 10 Aug 2015 3:59
Operator : UM/TP
Sample : G3136-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
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(DEL) Alkane: Str...	7.70	3.2	ng/ul	137287	1	8.08	856425	20.0
(DEL) Alkane: Str...	9.31	2.2	ng/ul	93111	1	8.08	856425	20.0
unknown-01	14.45	2.4	ng/ul	323014	3	14.70	2728600	20.0
unknown-02	14.54	6.5	ng/ul	888911	3	14.70	2728600	20.0
unknown-03	14.60	2.5	ng/ul	336580	3	14.70	2728600	20.0
2,6-Naphthalenedi...	15.49	3.7	ng/ul	501193	3	14.70	2728600	20.0
(DEL) Alkane: Str...	16.43	8.8	ng/ul	1054760	4	17.44	2398610	20.0
10,18-Bisnorabiet...	19.55	11.9	ng/ul	1422180	4	17.44	2398610	20.0