

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
 Data File : BM002223.D
 Acq On : 04 Aug 2015 23:18
 Operator : TP/UM
 Sample : G3095-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q6RE

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_M\METHODS\SOM02.2-EPA-BM080415.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	3.310	101	106	114	rVB	163260	191099	1.72%	0.206%
2	5.157	415	420	430	rBB	50657	104074	0.94%	0.112%
3	6.716	680	685	695	rVB	152309	264387	2.38%	0.284%
4	6.863	703	710	716	rBV	121410	185532	1.67%	0.200%
5	7.057	737	743	752	rVB	173429	267827	2.41%	0.288%
6	7.163	752	761	766	rBB	38717	67107	0.60%	0.072%
7	7.522	811	822	830	rVV	555920	868168	7.82%	0.934%
8	8.251	940	946	953	rBV2	186488	305359	2.75%	0.329%
9	8.610	995	1007	1014	rVB7	20355	59774	0.54%	0.064%
10	8.686	1014	1020	1026	rBV	154074	256787	2.31%	0.276%
11	8.733	1026	1028	1038	rVB5	18530	46356	0.42%	0.050%
12	8.863	1044	1050	1056	rVB7	23212	50373	0.45%	0.054%
13	9.163	1092	1101	1105	rBV4	23122	57681	0.52%	0.062%
14	9.404	1128	1142	1149	rVB2	132072	282950	2.55%	0.304%
15	9.480	1149	1155	1161	rBV5	39544	97399	0.88%	0.105%
16	9.539	1161	1165	1170	rVB2	38891	56625	0.51%	0.061%
17	9.951	1229	1235	1243	rBV	188245	330308	2.98%	0.355%
18	10.310	1290	1296	1302	rVV	710116	1146892	10.33%	1.234%
19	10.363	1302	1305	1310	rVB	35755	51674	0.47%	0.056%
20	10.463	1317	1322	1330	rBV2	74342	140638	1.27%	0.151%
21	10.786	1372	1377	1381	rVB2	36920	55438	0.50%	0.060%
22	10.839	1381	1386	1394	rBV3	27144	68544	0.62%	0.074%
23	10.986	1408	1411	1417	rVB4	46414	78424	0.71%	0.084%
24	11.210	1444	1449	1456	rVB8	24174	57836	0.52%	0.062%
25	11.327	1464	1469	1475	rBV3	78605	188728	1.70%	0.203%
26	11.586	1509	1513	1517	rVB3	49609	67805	0.61%	0.073%
27	11.986	1578	1581	1586	rVB	62447	98108	0.88%	0.106%
28	12.045	1587	1591	1599	rBV4	64104	126443	1.14%	0.136%
29	12.374	1643	1647	1651	rBV6	38071	69421	0.63%	0.075%
30	12.521	1667	1672	1679	rBV6	62658	142170	1.28%	0.153%
31	12.604	1681	1686	1692	rVV2	126138	218459	1.97%	0.235%
32	12.663	1693	1696	1700	rVV5	55062	105192	0.95%	0.113%
33	12.710	1701	1704	1709	rVB	142966	197084	1.78%	0.212%
34	12.769	1710	1714	1724	rVV6	76923	166523	1.50%	0.179%

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35	12.951	1741	1745	1748	rBV2	124549	185466	1.67%	0.200%
36	13.604	1851	1856	1862	rVV2	613108	991170	8.93%	1.066%
37	13.668	1862	1867	1872	rVV2	282352	479588	4.32%	0.516%
38	13.716	1872	1875	1884	rVB4	110799	242107	2.18%	0.260%
39	13.886	1900	1904	1907	rBV	340359	520999	4.69%	0.561%
40	13.921	1907	1910	1916	rVB	288167	459571	4.14%	0.494%
41	14.015	1921	1926	1933	rVB	438253	685720	6.18%	0.738%
42	14.092	1935	1939	1943	rVB4	74444	117736	1.06%	0.127%
43	14.151	1945	1949	1953	rBV2	159614	288174	2.60%	0.310%
44	14.204	1953	1958	1964	rVB2	882035	1412677	12.73%	1.520%
45	14.268	1964	1969	1975	rBV4	145311	329383	2.97%	0.354%
46	14.604	2022	2026	2030	rBV	100356	137197	1.24%	0.148%
47	14.721	2042	2046	2052	rBV5	107861	182307	1.64%	0.196%
48	14.821	2059	2063	2064	rBV3	93690	121755	1.10%	0.131%
49	14.904	2075	2077	2084	rVB3	104991	172432	1.55%	0.186%
50	14.980	2086	2090	2096	rVV2	236359	344932	3.11%	0.371%
51	15.198	2123	2127	2132	rVB	422691	545776	4.92%	0.587%
52	15.257	2133	2137	2141	rVB	110866	161378	1.45%	0.174%
53	15.457	2168	2171	2177	rVB	191654	280416	2.53%	0.302%
54	15.939	2247	2253	2257	rVB	504209	796354	7.17%	0.857%
55	16.762	2389	2393	2404	rVB2	322935	617638	5.56%	0.664%
56	16.956	2421	2426	2430	rBV	1056156	1559396	14.05%	1.678%
57	17.004	2430	2434	2438	rVV	1482496	2044752	18.42%	2.200%
58	17.056	2439	2443	2446	rVV	460282	659991	5.95%	0.710%
59	17.086	2446	2448	2453	rVB	333401	407112	3.67%	0.438%
60	17.533	2522	2524	2533	rVB3	133854	212031	1.91%	0.228%
61	17.833	2571	2575	2579	rBV	285783	455611	4.10%	0.490%
62	17.880	2579	2583	2588	rVB	426869	618874	5.58%	0.666%
63	17.962	2594	2597	2601	rVV	115602	144756	1.30%	0.156%
64	18.027	2603	2608	2612	rVV2	508188	885234	7.98%	0.952%
65	18.062	2612	2614	2623	rVB	269601	366848	3.31%	0.395%
66	18.233	2640	2643	2648	rVB2	152530	184377	1.66%	0.198%
67	18.333	2657	2660	2664	rBV	168458	208227	1.88%	0.224%
68	18.386	2666	2669	2673	rVB	157730	193083	1.74%	0.208%
69	18.574	2697	2701	2708	rVB3	321783	481310	4.34%	0.518%
70	18.762	2729	2733	2738	rBV	195770	333767	3.01%	0.359%
71	19.033	2773	2779	2783	rBV	2615657	3493284	31.47%	3.758%

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72	19.080	2783	2787	2792	rVV2	268223	366849	3.31%	0.395%
73	19.174	2799	2803	2807	rVB2	182658	277672	2.50%	0.299%
74	19.274	2817	2820	2823	rVB	122991	130107	1.17%	0.140%
75	19.368	2831	2836	2838	rBV2	891808	1474805	13.29%	1.587%
76	19.397	2838	2841	2849	rVB	2848690	3721093	33.53%	4.003%
77	19.992	2940	2942	2946	rVB	169251	174166	1.57%	0.187%
78	20.050	2950	2952	2956	rVB	249710	278514	2.51%	0.300%
79	20.192	2973	2976	2981	rBV	231327	397344	3.58%	0.427%
80	20.627	3047	3050	3052	rBV	502891	567830	5.12%	0.611%
81	20.809	3078	3081	3084	rBV3	345275	401439	3.62%	0.432%
82	21.074	3123	3126	3131	rVB	889958	969766	8.74%	1.043%
83	21.162	3135	3141	3146	rVV2	2247377	4795860	43.21%	5.160%
84	21.203	3146	3148	3157	rVB	1571095	1946477	17.54%	2.094%
85	21.662	3222	3226	3229	rBV	758480	982997	8.86%	1.058%
86	21.803	3247	3250	3256	rBV4	1102348	1515582	13.65%	1.631%
87	21.956	3273	3276	3279	rBV3	568058	817444	7.36%	0.879%
88	22.115	3300	3303	3305	rBV3	375290	493559	4.45%	0.531%
89	22.274	3326	3330	3336	rBV2	1104005	2107548	18.99%	2.267%
90	22.362	3337	3345	3349	rVB2	2092340	5131830	46.24%	5.521%
91	22.468	3358	3363	3369	rBV3	1967673	4059172	36.57%	4.367%
92	22.533	3369	3374	3376	rBV	2445752	4056100	36.54%	4.364%
93	22.615	3383	3388	3391	rBV3	1165540	2049693	18.47%	2.205%
94	22.668	3391	3397	3401	rVV3	2736368	5568956	50.17%	5.991%
95	22.727	3401	3407	3417	rVV4	3564723	11099123	100.00%	11.941%
96	22.803	3417	3420	3427	rVB3	1672226	2538293	22.87%	2.731%
97	22.874	3427	3432	3438	rBV2	1347648	2767222	24.93%	2.977%
98	22.938	3439	3443	3446	rBV2	1123212	1795694	16.18%	1.932%
99	23.015	3453	3456	3463	rVB2	1732746	3440742	31.00%	3.702%
100	23.380	3514	3518	3522	rVB	831703	1230663	11.09%	1.324%

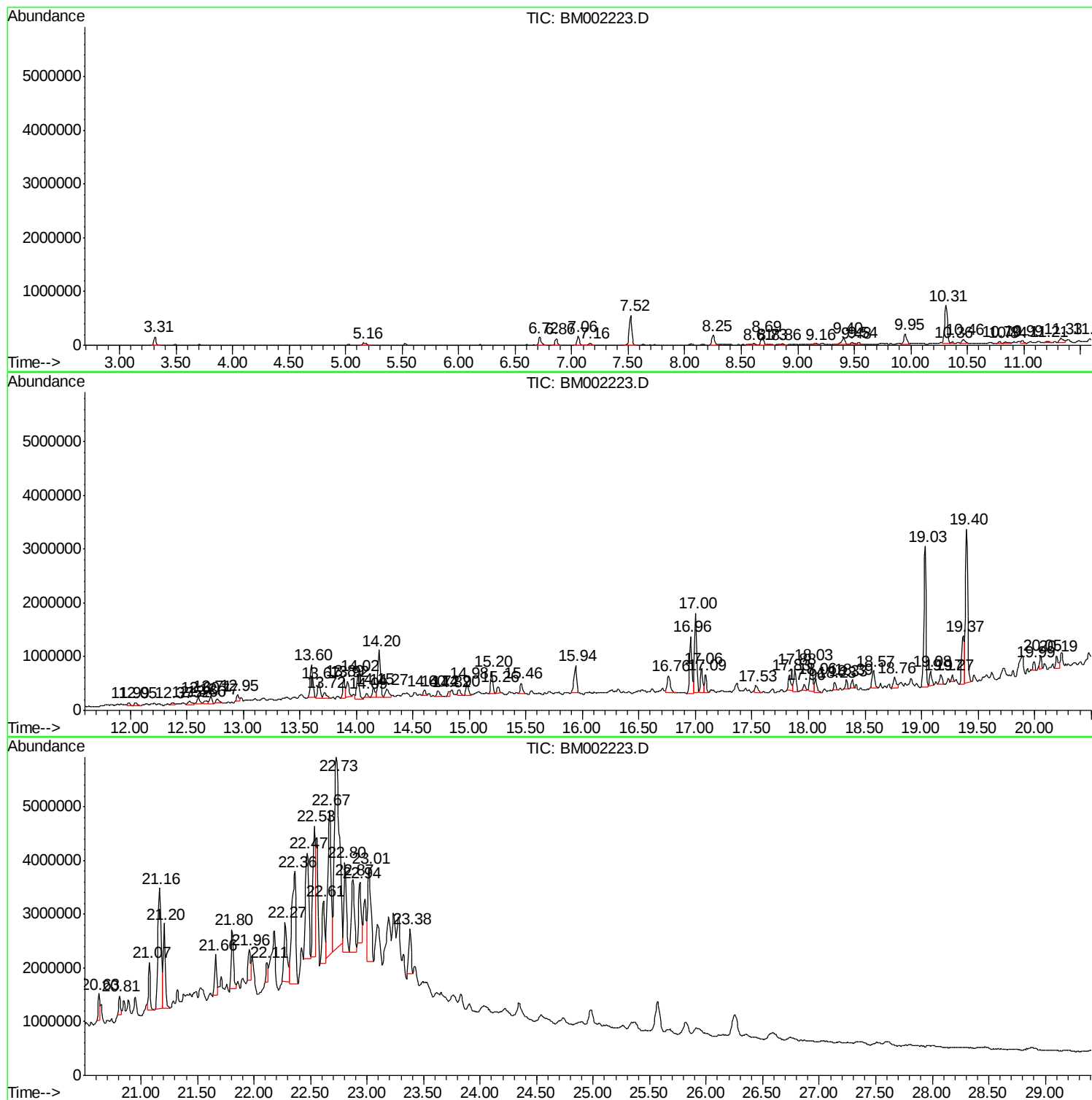
Sum of corrected areas: 92949154

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

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



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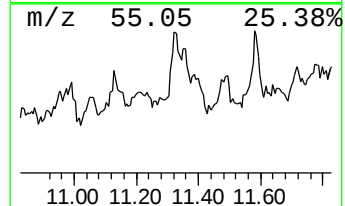
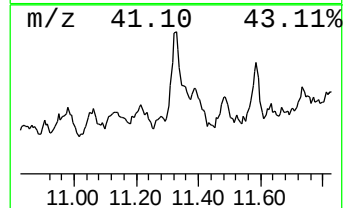
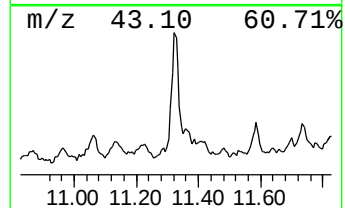
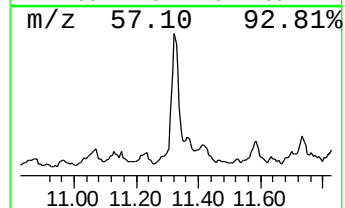
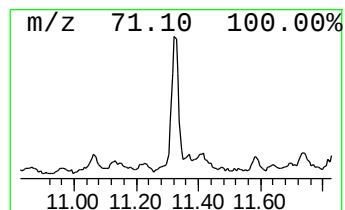
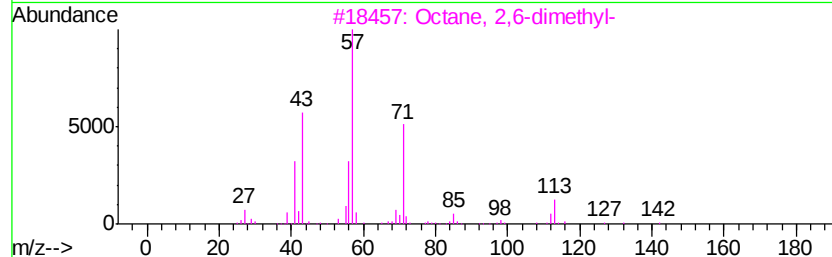
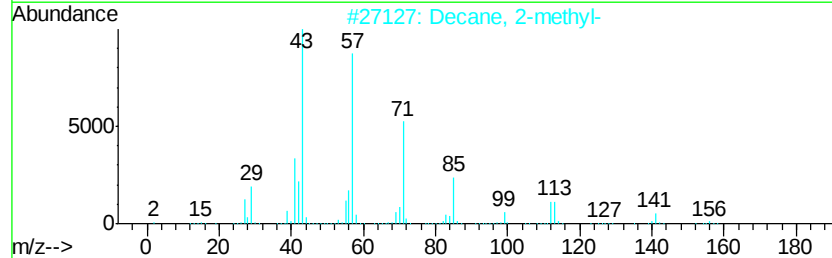
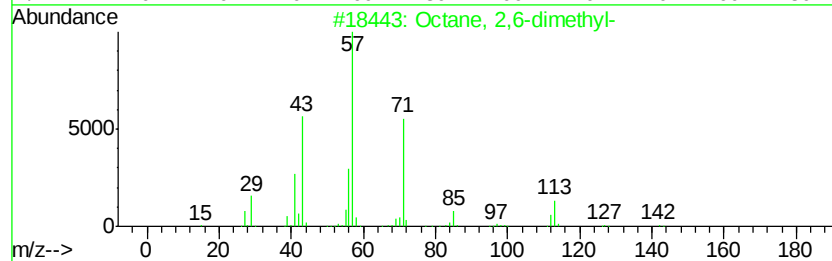
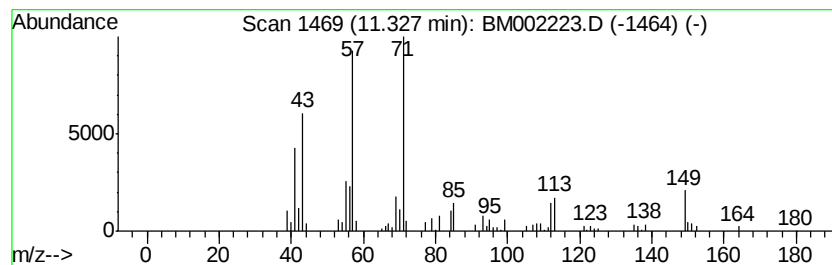
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.29 ng/ul	188728	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Decane, 2-methyl-	156	C11H24	006975-98-0	59
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50



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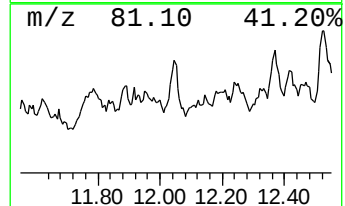
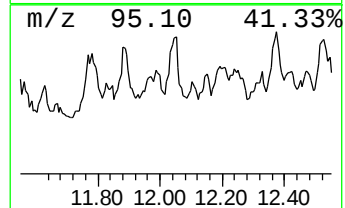
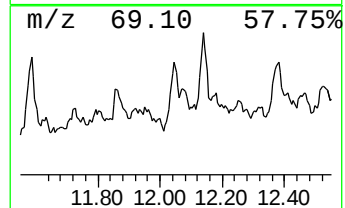
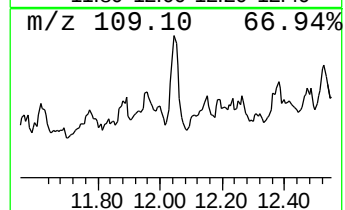
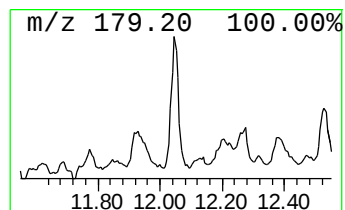
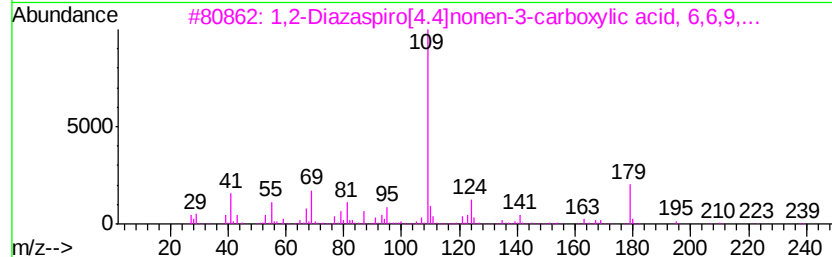
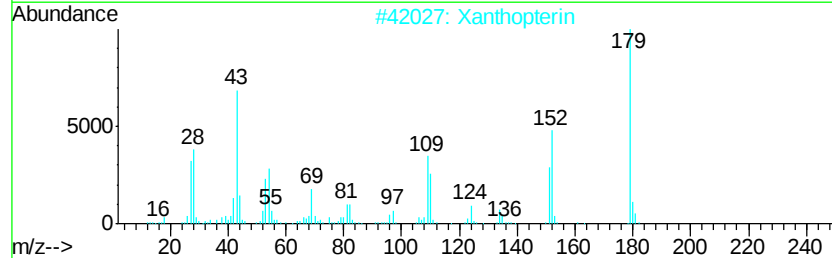
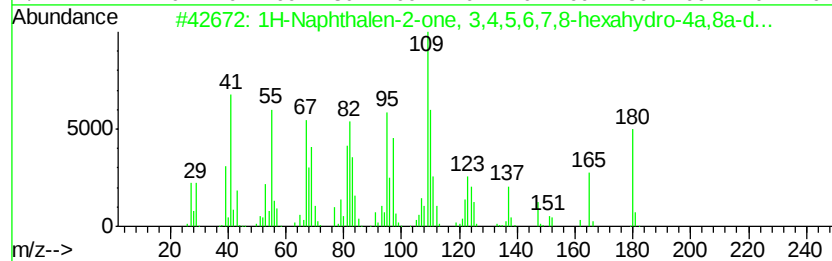
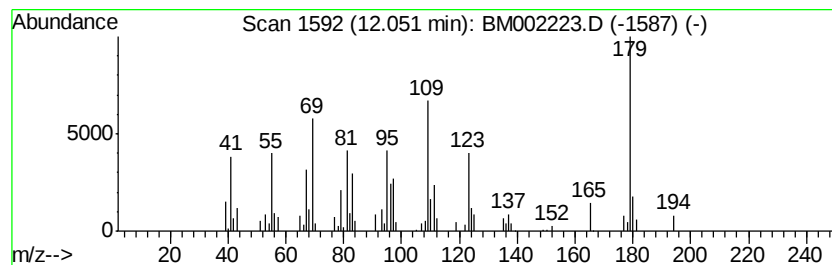
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.20 ng/ul	126443	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	38
2		Xanthopterin	179	C6H5N5O2	005979-01-1	38
3		1,2-Diazaspiro[4.4]nonen-3-carbo...	238	C13H22N2O2	1000164-25-8	37
4		2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	32
5		Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	22



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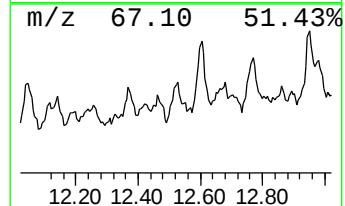
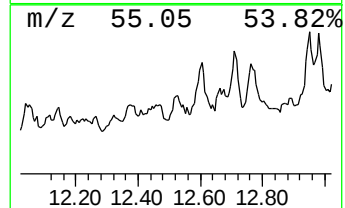
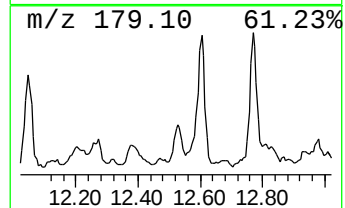
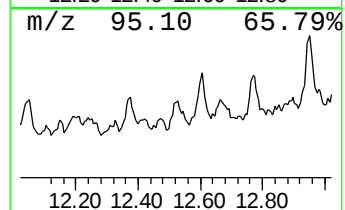
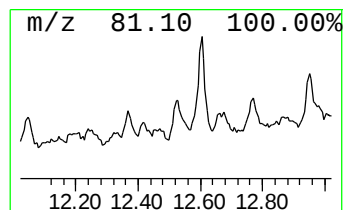
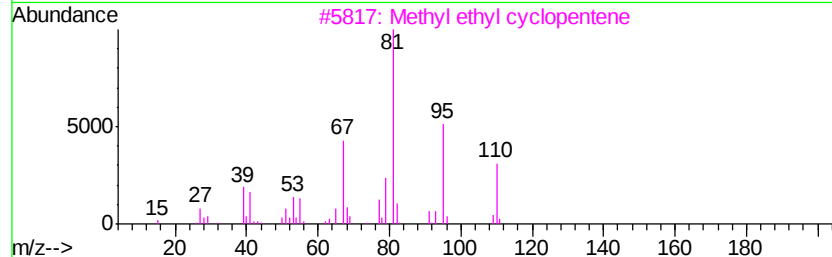
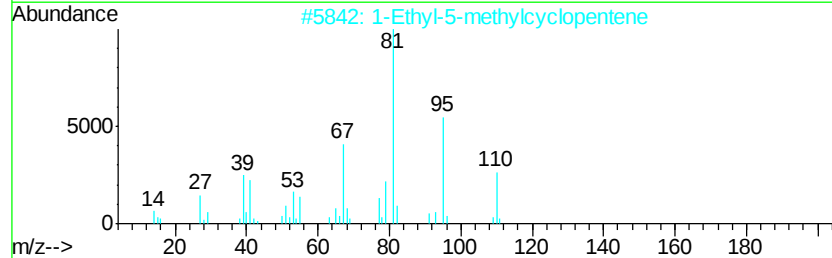
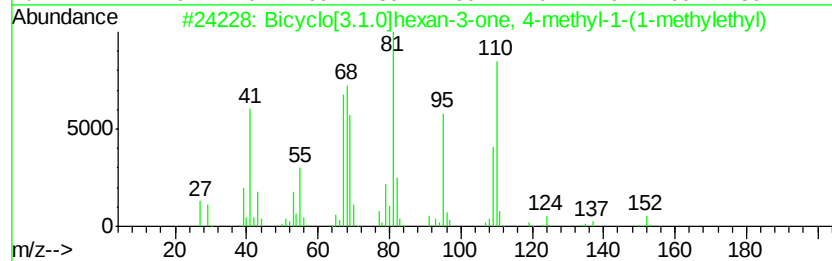
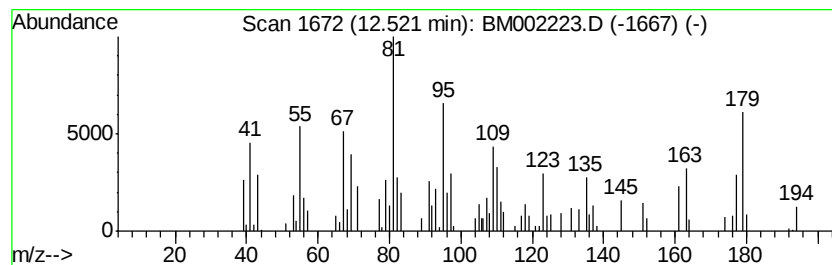
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Peak Number 5 Bicyclo[3.1.0]hexan-3-one, ... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.01 ng/ul	142170	Acenaphthene-d10	14.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	50
2		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	42
3		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
4		1-Hexadecyne	222	C16H30	000629-74-3	38
5		Thujone	152	C10H16O	000546-80-5	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
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Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

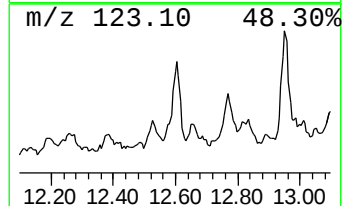
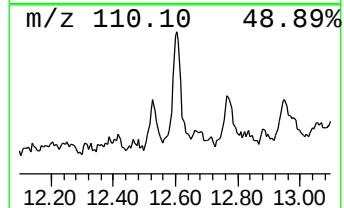
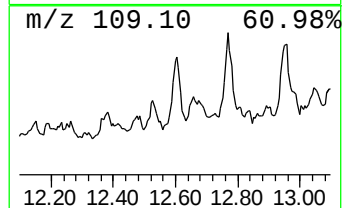
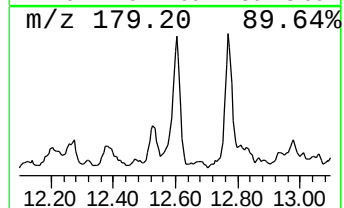
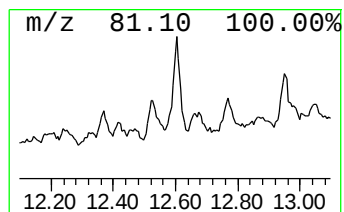
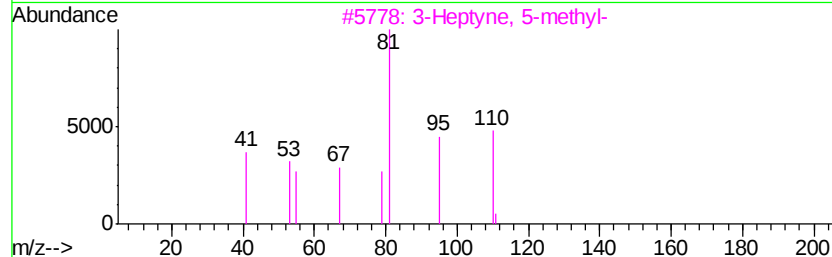
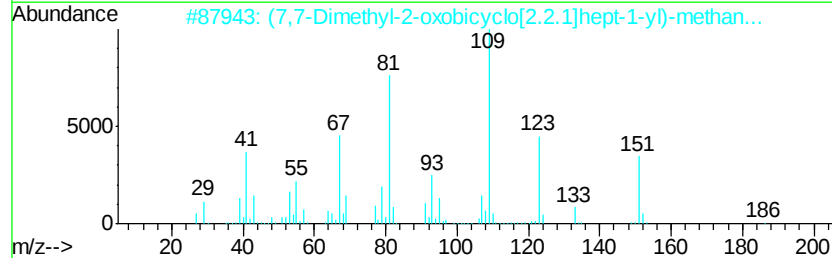
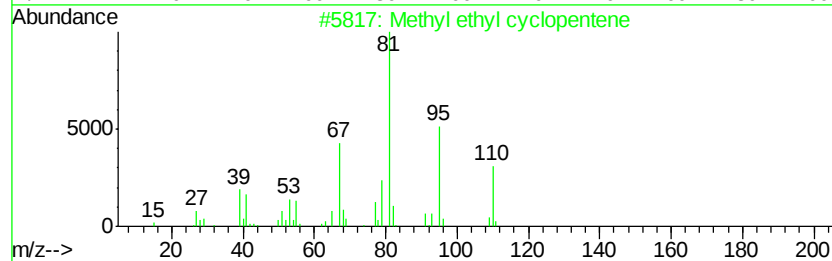
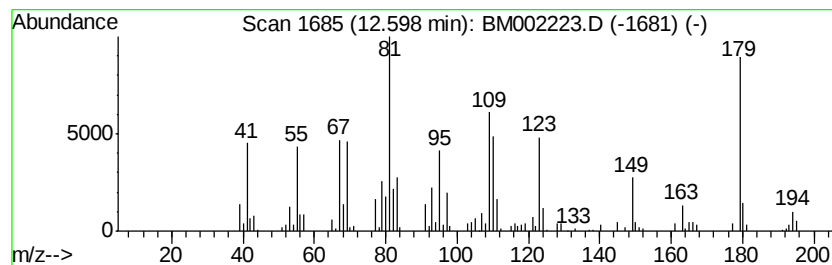
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Methyl ethyl cyclopentene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.60	3.09 ng/ul	218459	Acenaphthene-d10		14.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	50
2		(7,7-Dimethyl-2-oxobicyclo[2.2.1...]	250	C10H15ClO3S	1000194-76-1	35
3		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	35
4		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	27
5		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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Misc :
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Instrument :
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ClientSampleId :
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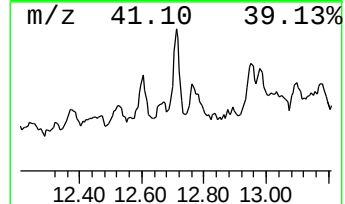
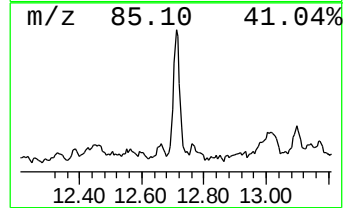
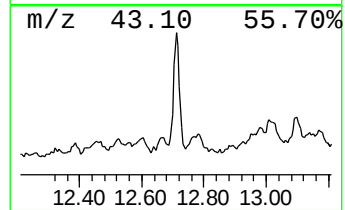
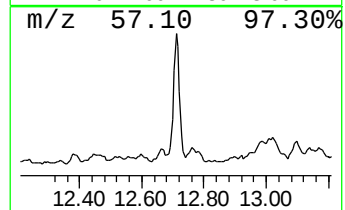
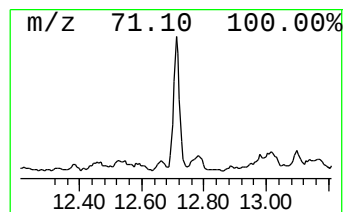
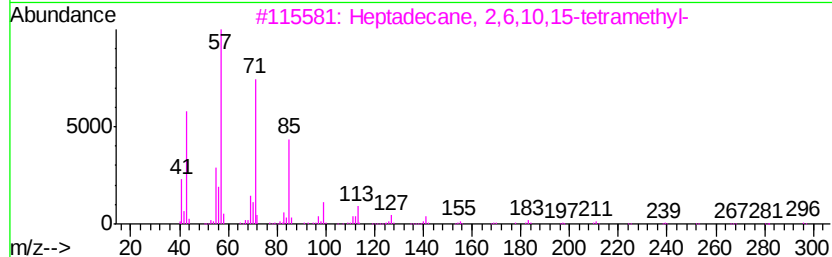
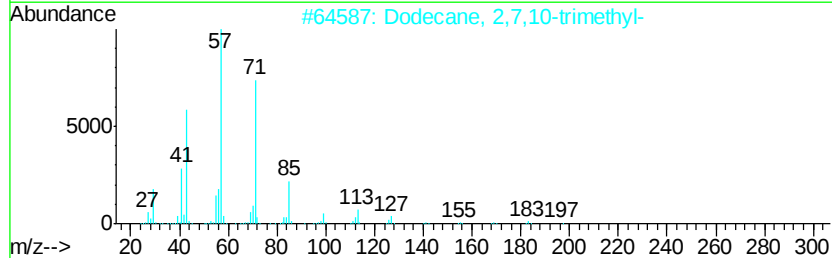
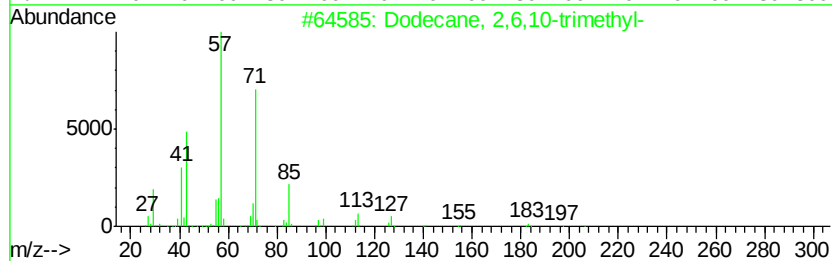
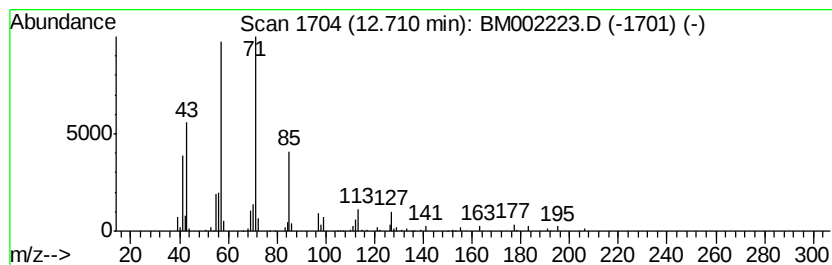
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.79 ng/ul	197084	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
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Misc :
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ClientSampleId :
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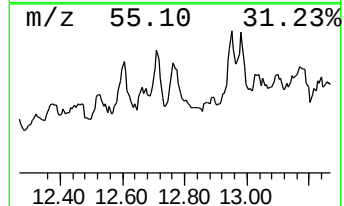
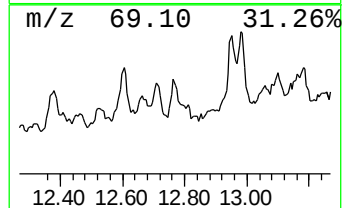
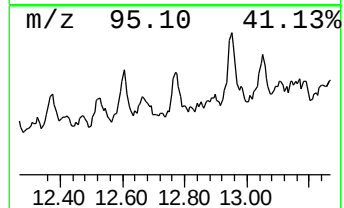
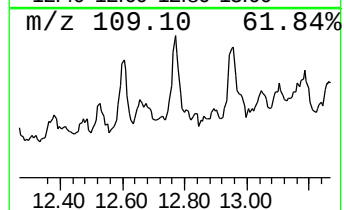
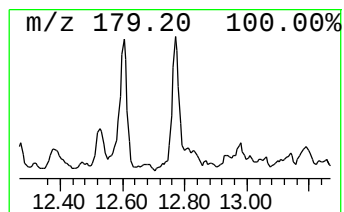
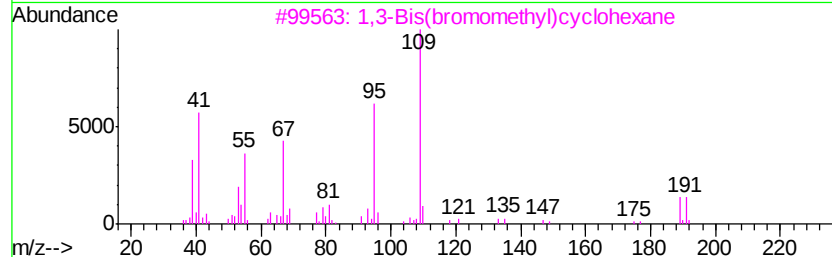
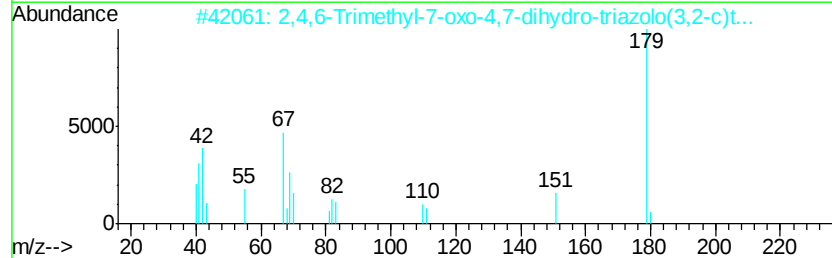
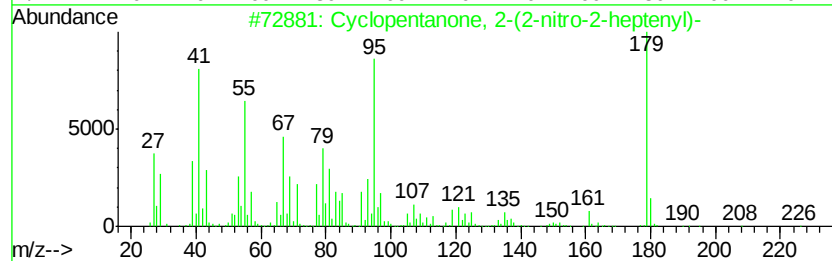
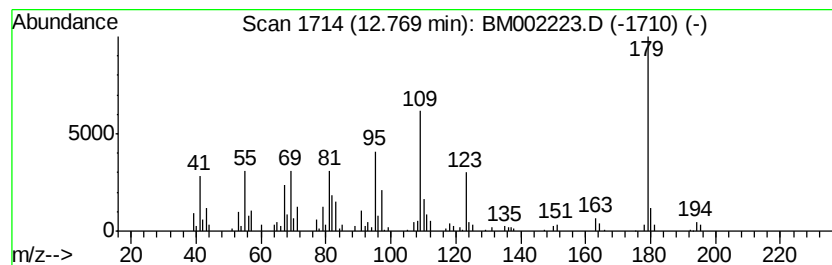
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.36 ng/ul	166523	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	37
2		2,4,6-Trimethyl-7-oxo-4,7-dihydr...	179	C7H9N5O	025623-78-3	27
3		1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	27
4		N-Methyl-1-noradamantane carboxa...	179	C11H17NO	1000211-82-0	22
5		3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	16



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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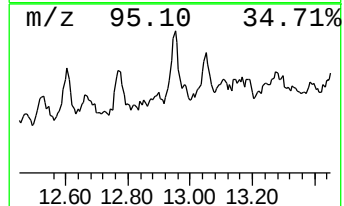
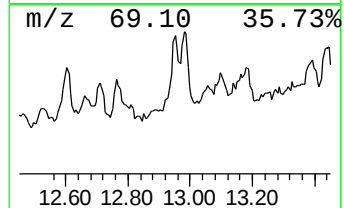
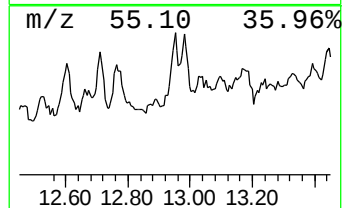
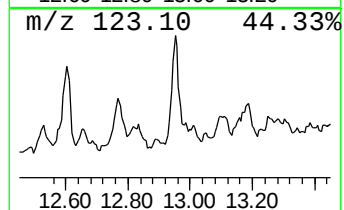
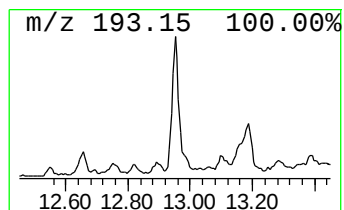
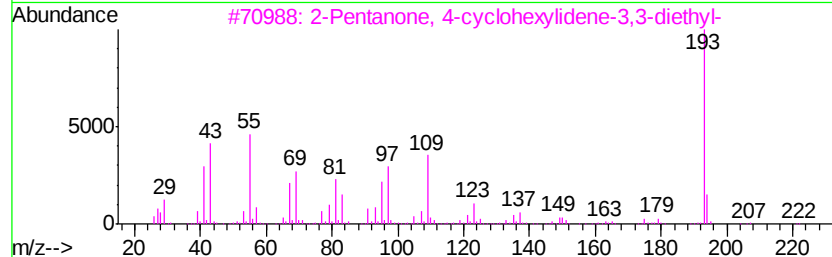
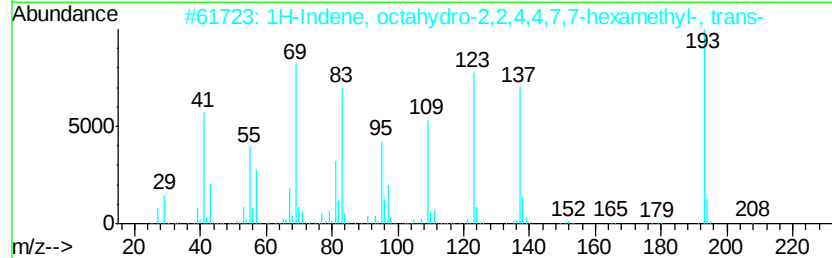
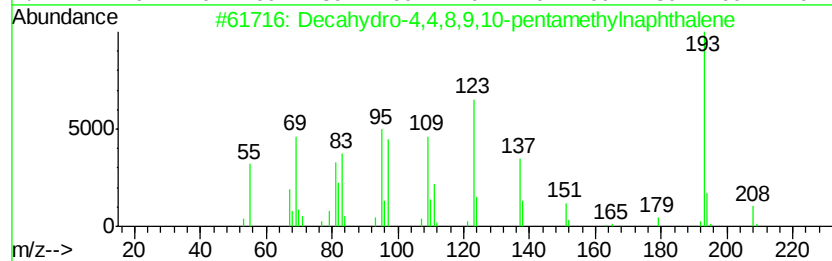
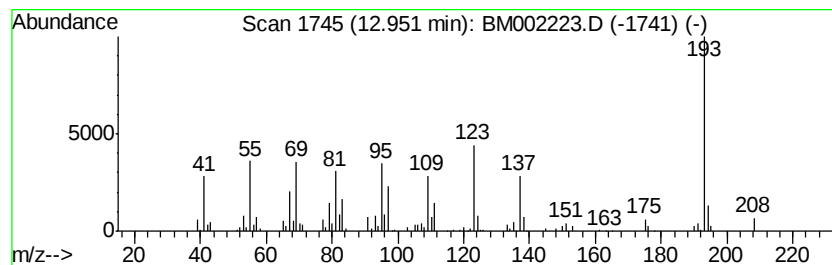
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.63 ng/ul	185466	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	62
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	35
4			2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	35
5			2-Anthracenamine	193	C14H11N	000613-13-8	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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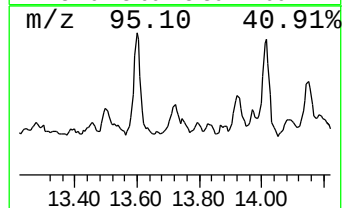
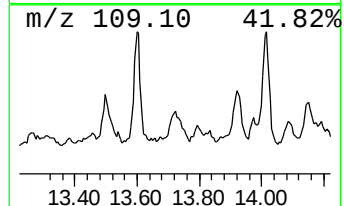
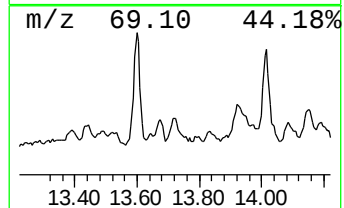
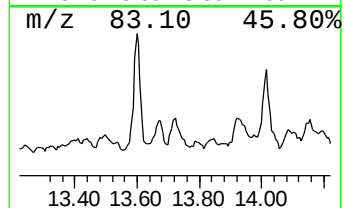
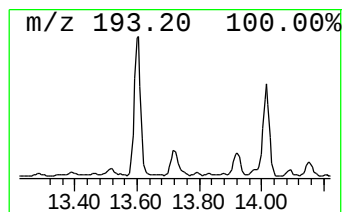
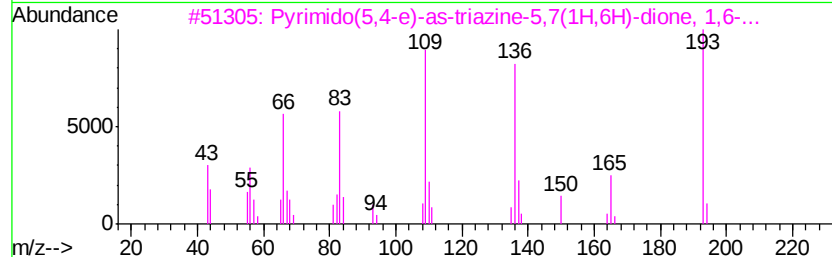
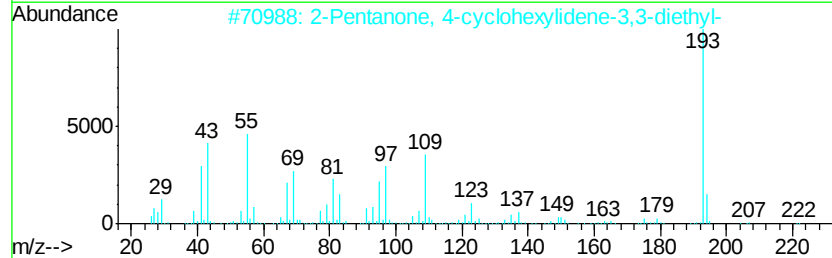
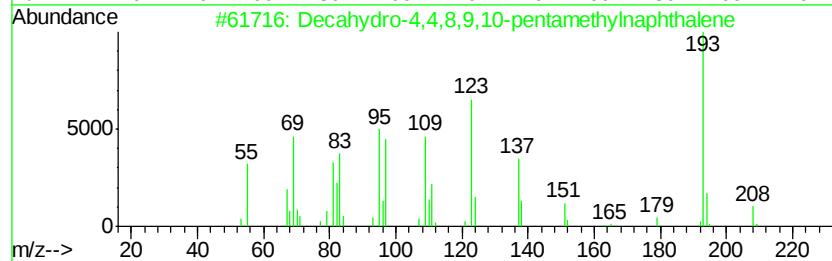
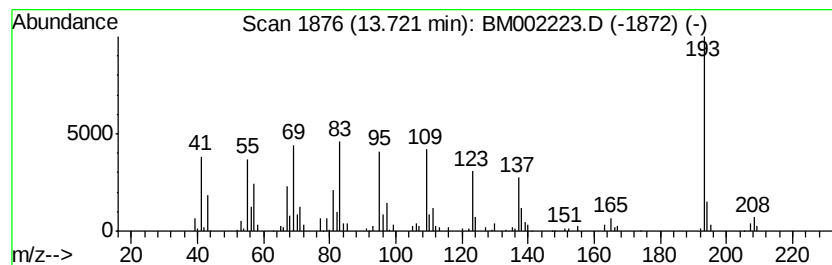
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.43 ng/ul	242107	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3		Pvrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	38
4		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
5		2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
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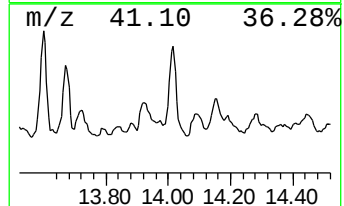
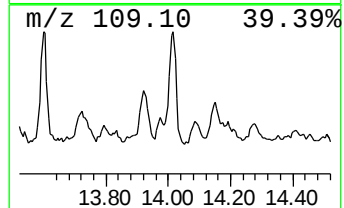
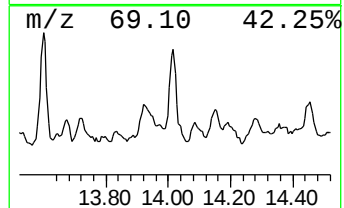
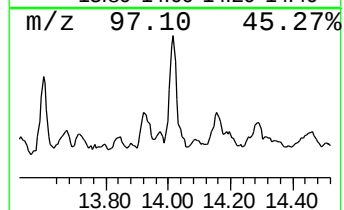
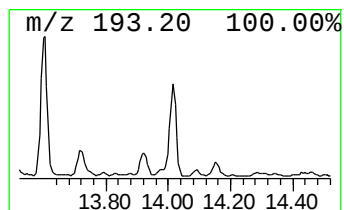
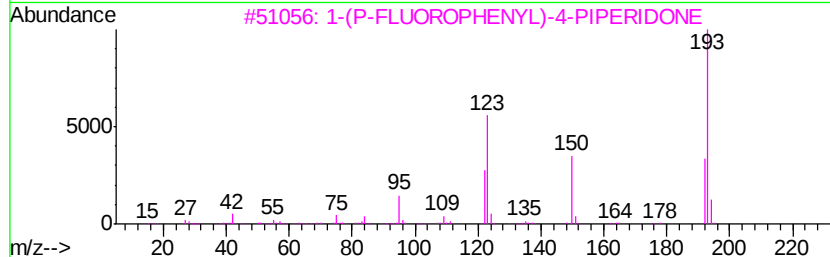
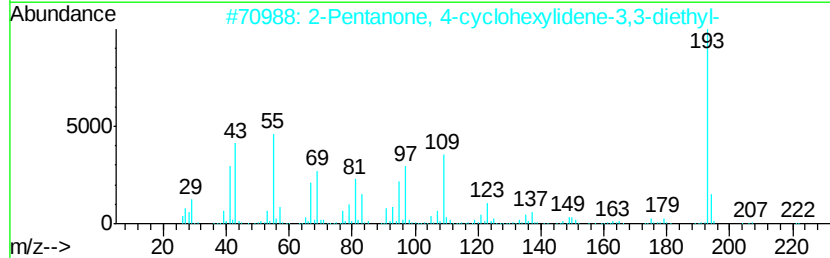
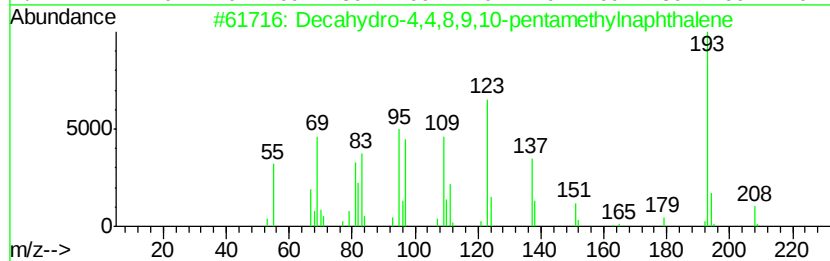
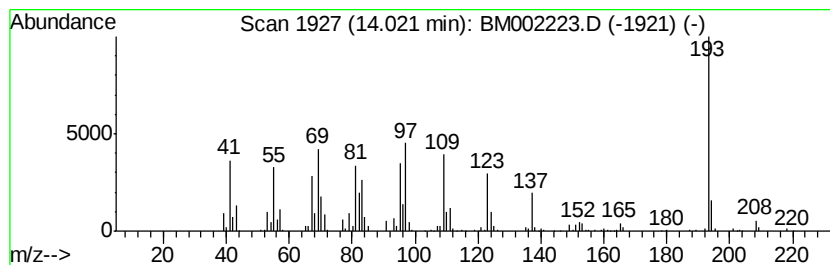
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	9.71 ng/ul	685720	Acenaphthene-d10	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 49
2		2-Pentanone, 4-cyclohexylidene-3...	222 C15H26O	313253-65-5 45
3		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FNO	1000238-56-7 32
4		Acridine, 9-methyl-	193 C14H11N	000611-64-3 25
5		9-Vinylcarbazole	193 C14H11N	001484-13-5 22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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ClientSampleId :
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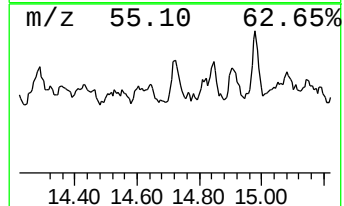
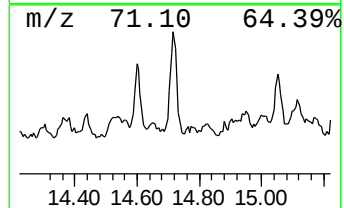
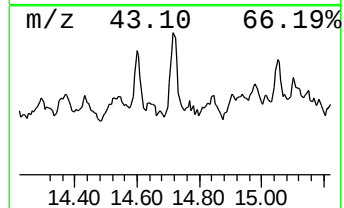
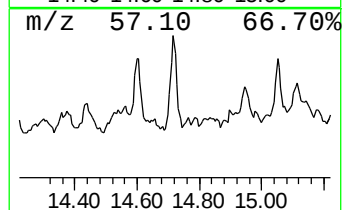
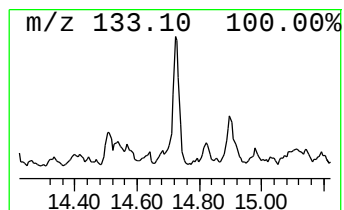
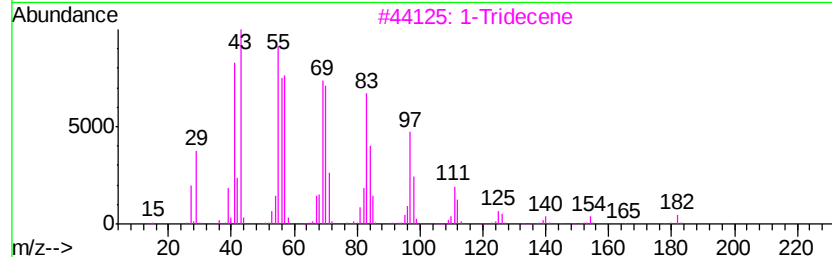
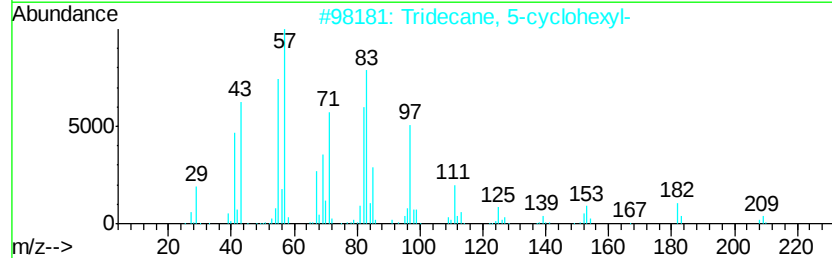
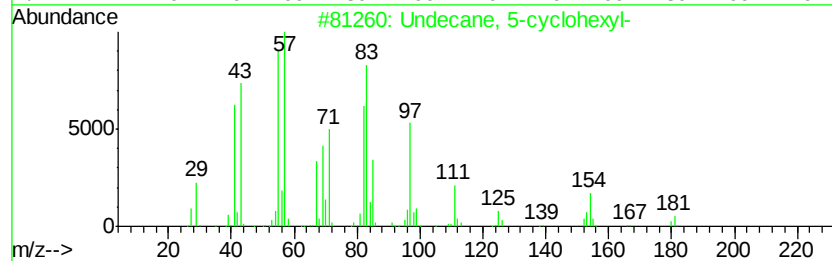
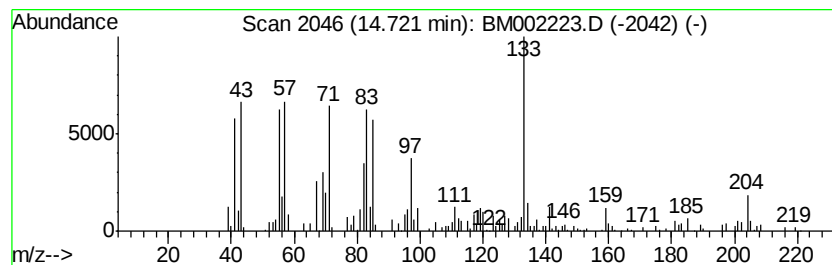
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-06 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.58 ng/ul	182307	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	22
2		Tridecane, 5-cyclohexyl-	266	C19H38	013151-90-1	18
3		1-Tridecene	182	C13H26	002437-56-1	18
4		17-Pentatriacontene	491	C35H70	006971-40-0	15
5		Nonadecane	268	C19H40	000629-92-5	14



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

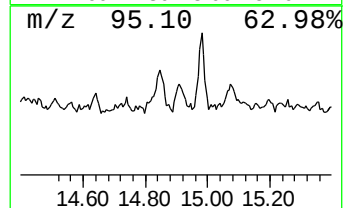
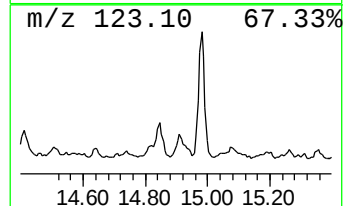
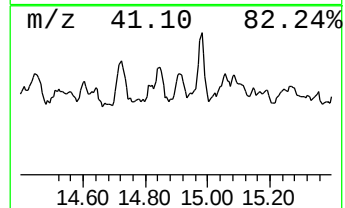
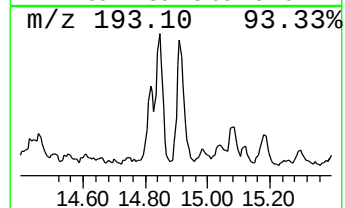
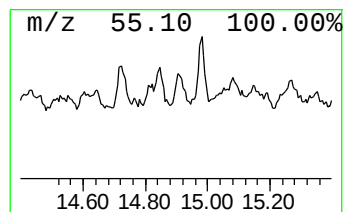
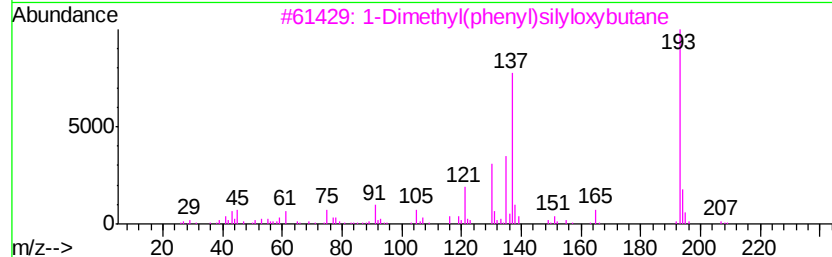
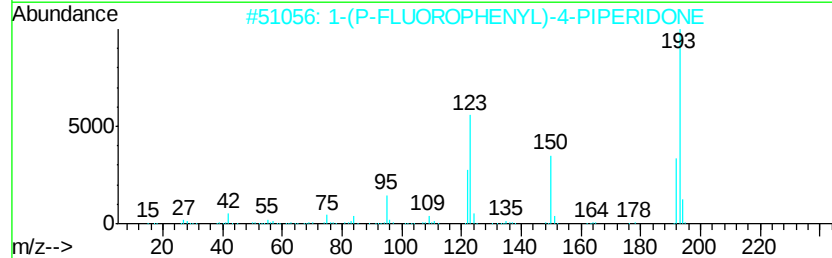
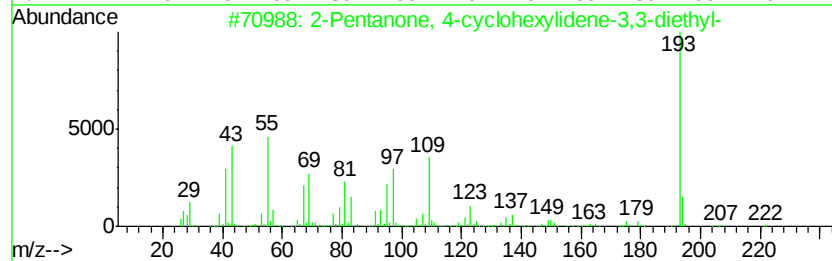
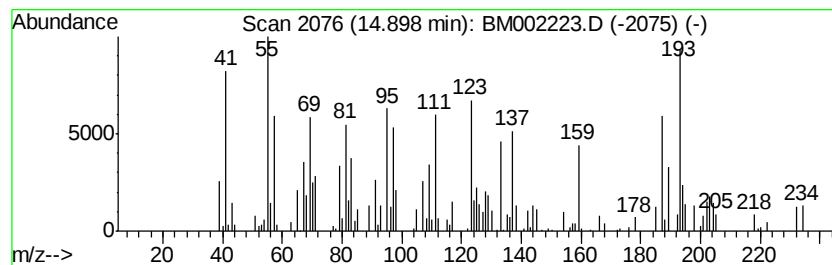
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-07 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.90	2.44 ng/ul	172432	Acenaphthene-d10	14.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
3	1-Dimethyl(phenyl)silyloxybutane	208	C12H20OSi	018052-58-9	35
4	2-(1-Butyl-2-nitroallyl)cyclohex...	239	C13H21NO3	1000192-05-9	27
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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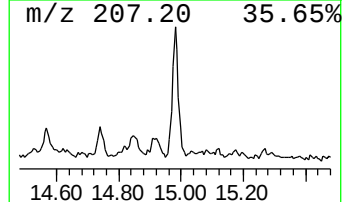
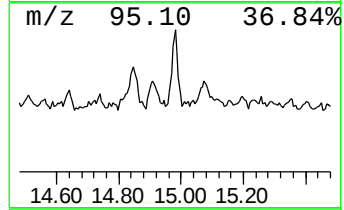
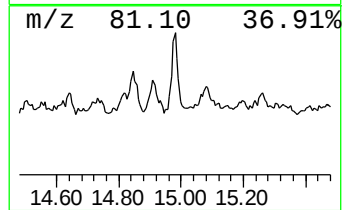
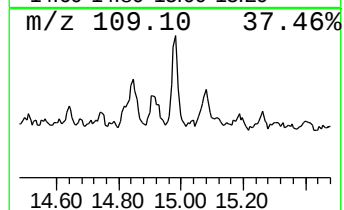
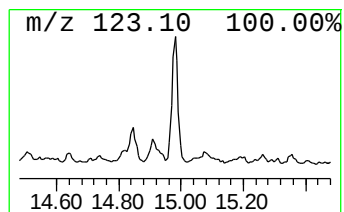
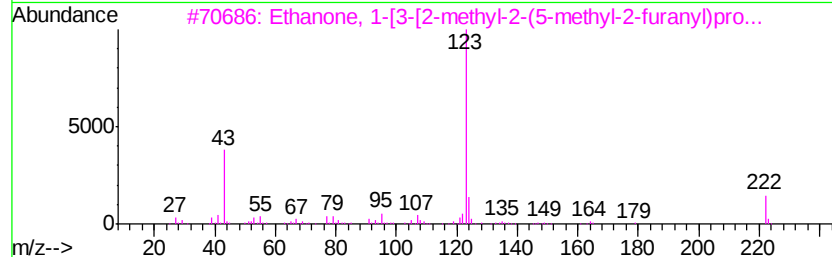
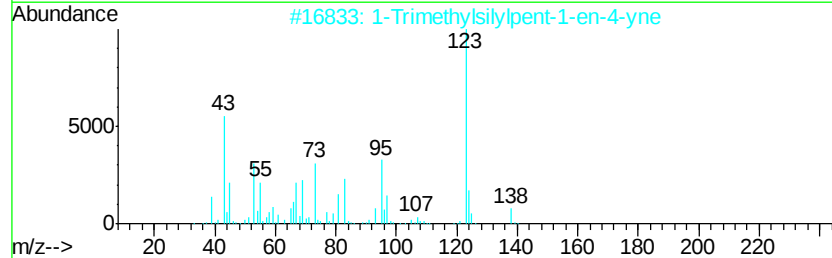
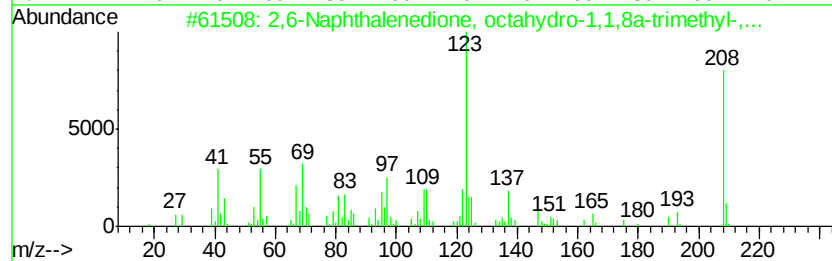
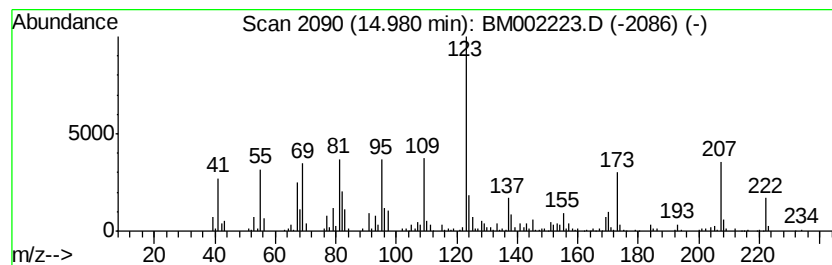
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.88 ng/ul	344932	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-	208	C13H20O2	057289-16-4	47		
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43		
3	Ethanone, 1-[3-[2-methyl-2-(5-methyl-2-furanyl)pro...	222	C13H18O3	080114-28-9	41		
4	4-Fluorobenzoic acid, 2-methylpr...	196	C11H13FO2	029240-31-1	38		
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38		



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
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Misc :
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ClientSampleId :
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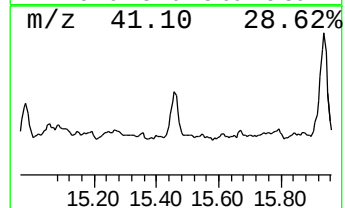
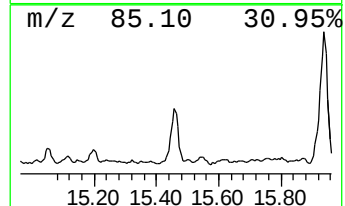
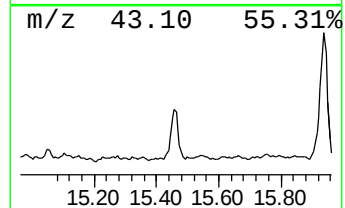
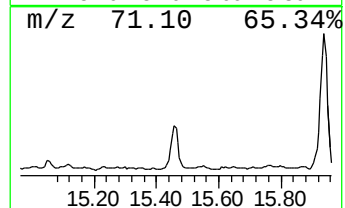
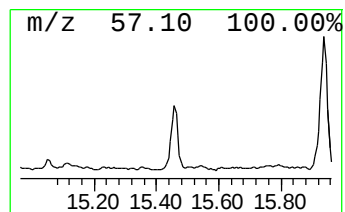
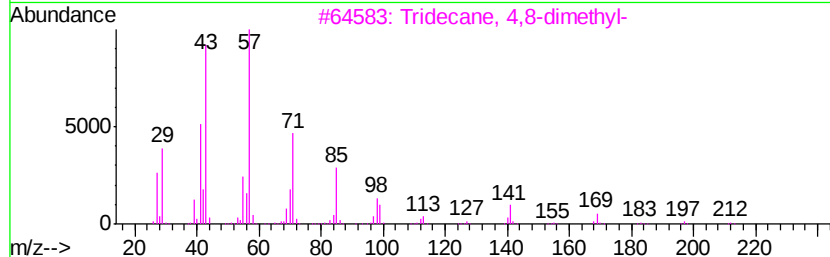
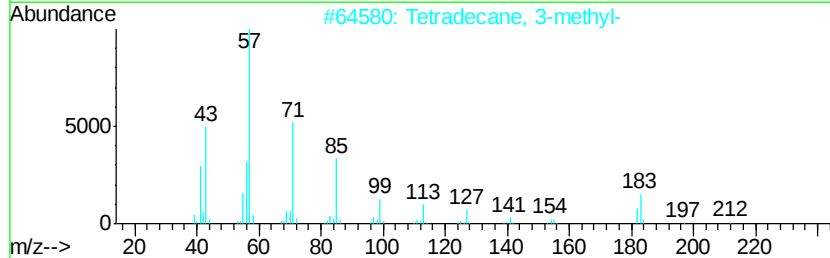
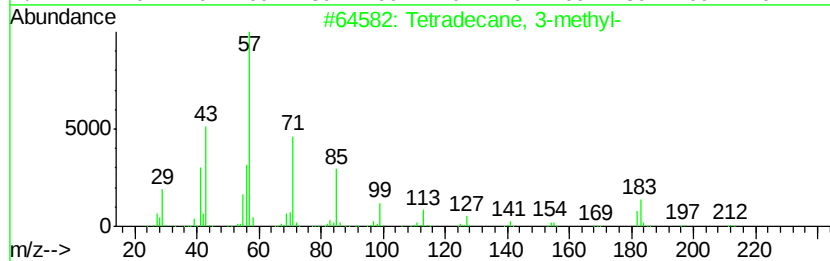
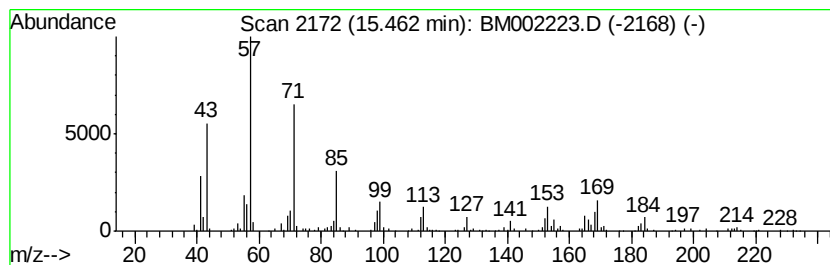
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.97 ng/ul	280416	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	83
2			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	81
3			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
4			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	76
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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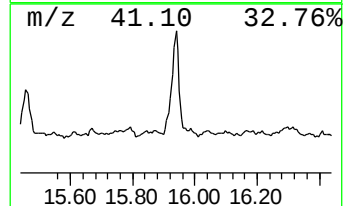
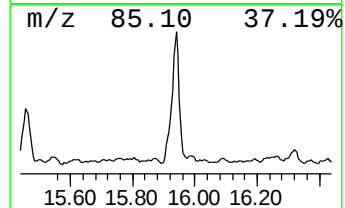
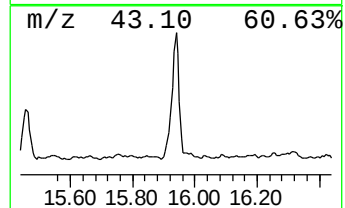
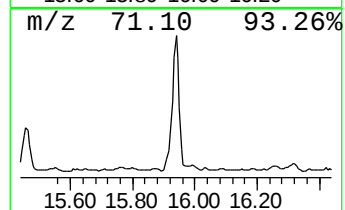
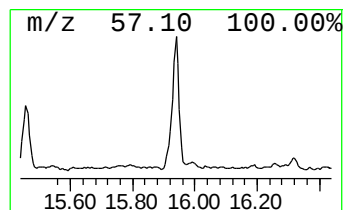
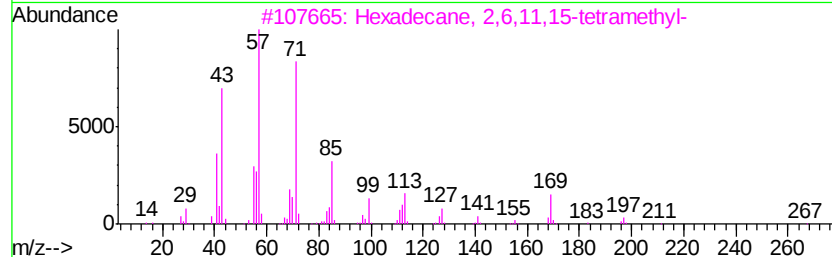
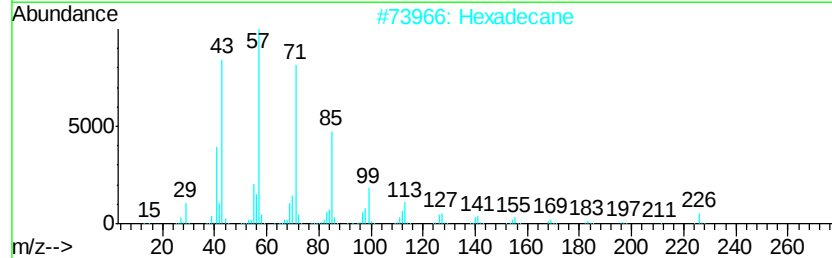
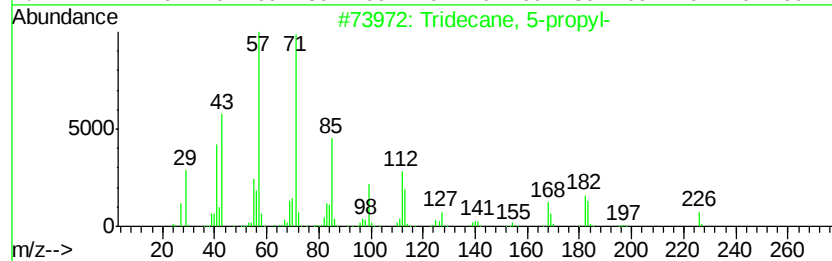
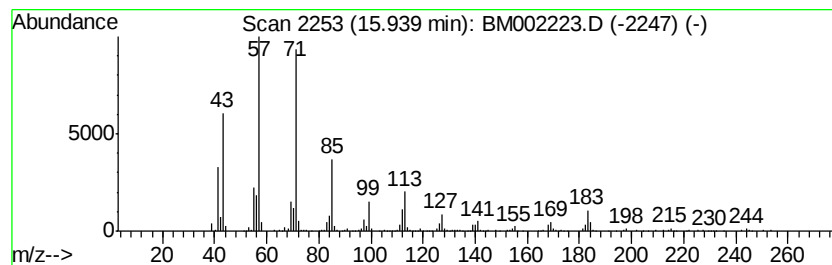
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	10.21 ng/ul	796354	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2		Hexadecane	226	C16H34	000544-76-3	74
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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Sample : G3095-02RE
Misc :
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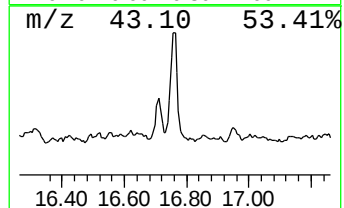
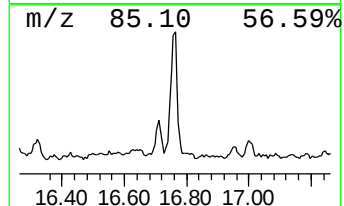
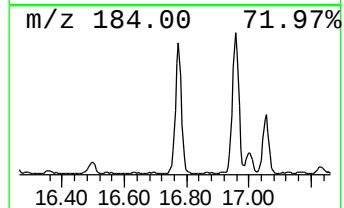
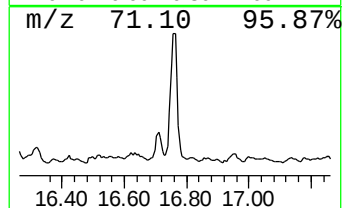
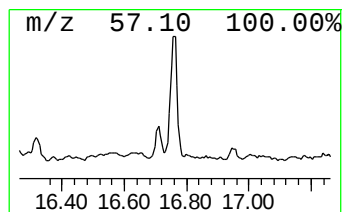
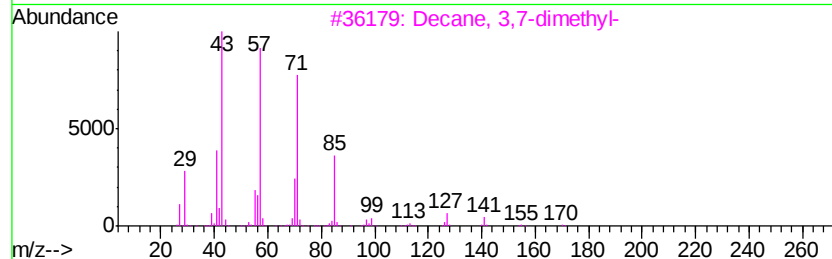
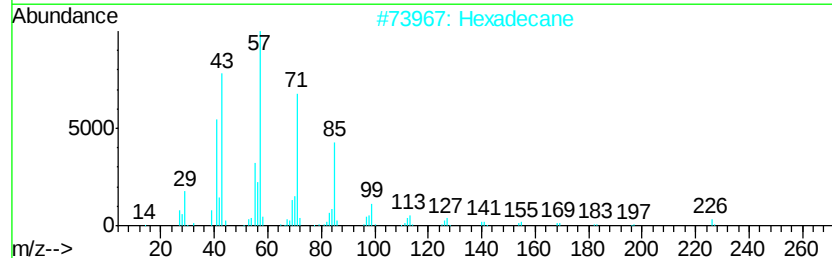
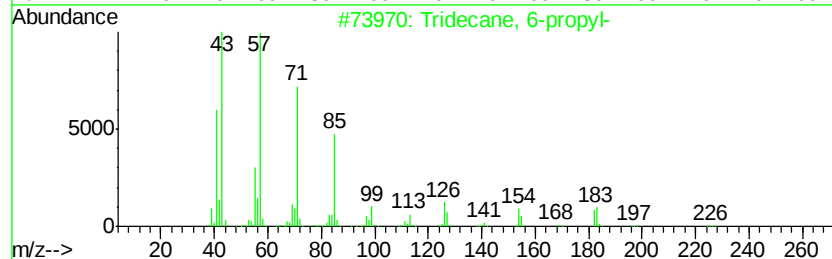
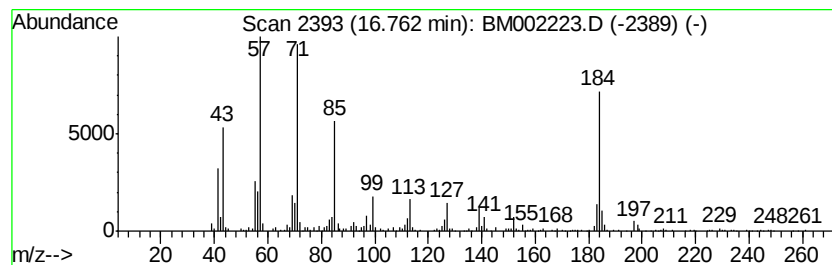
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	7.92 ng/ul	617638	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
2			Hexadecane	226	C16H34	000544-76-3	60
3			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	53
4			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	53
5			Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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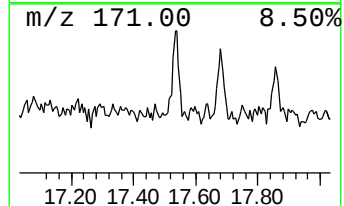
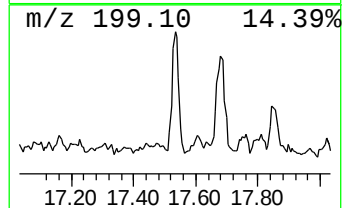
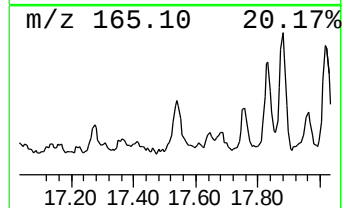
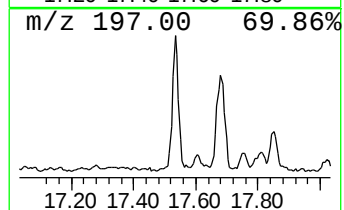
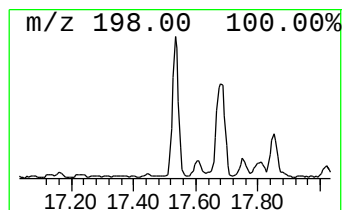
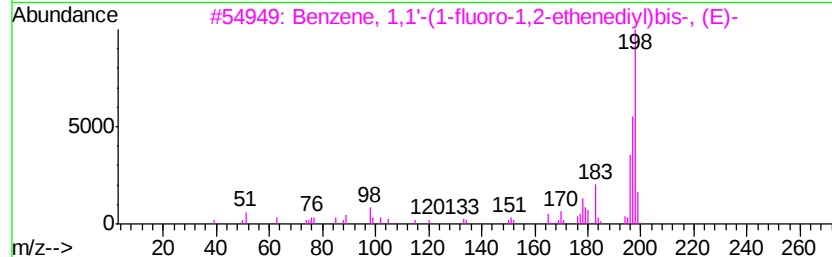
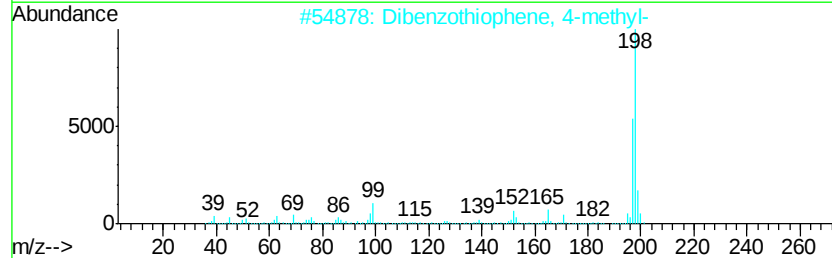
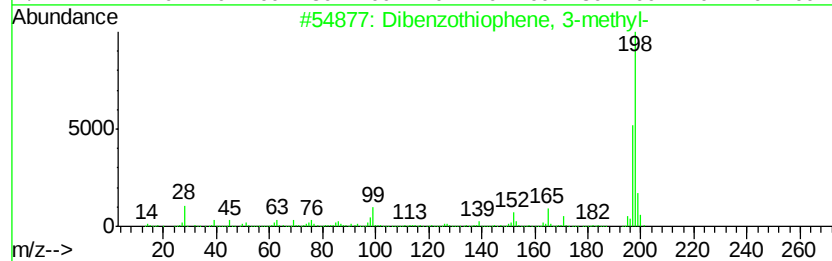
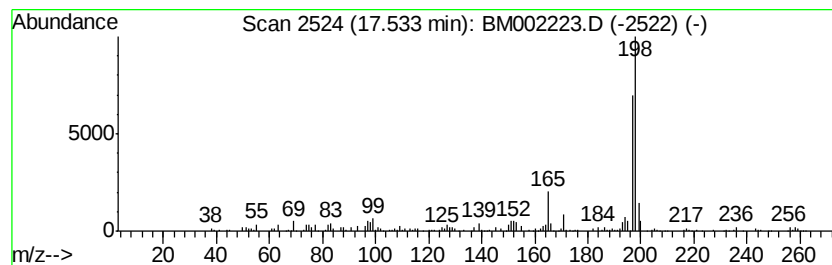
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Dibenzothiophene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.72 ng/ul	212031	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
4			Thioxanthene	198	C13H10S	000261-31-4	64
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
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Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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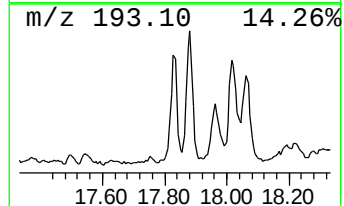
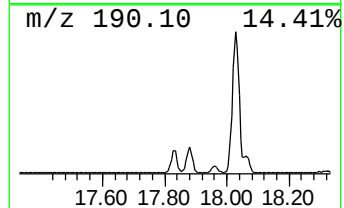
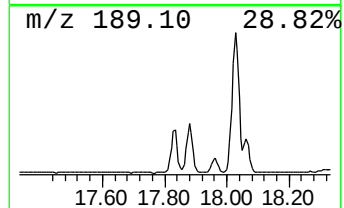
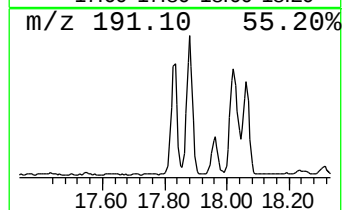
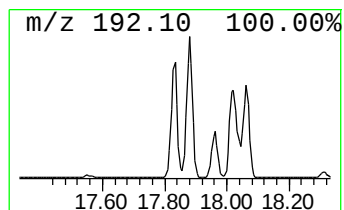
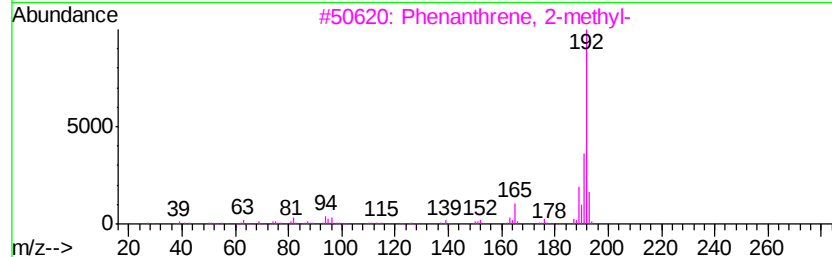
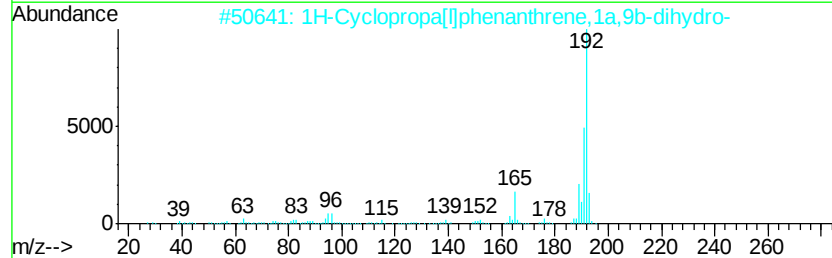
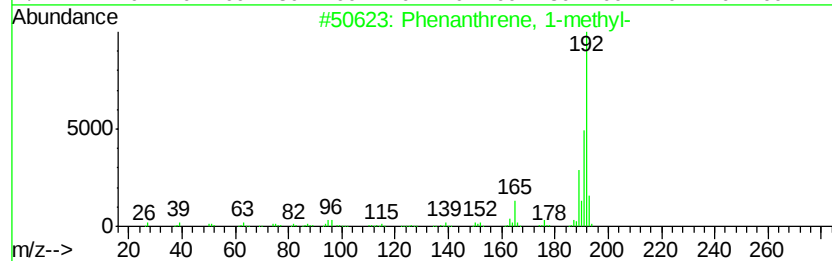
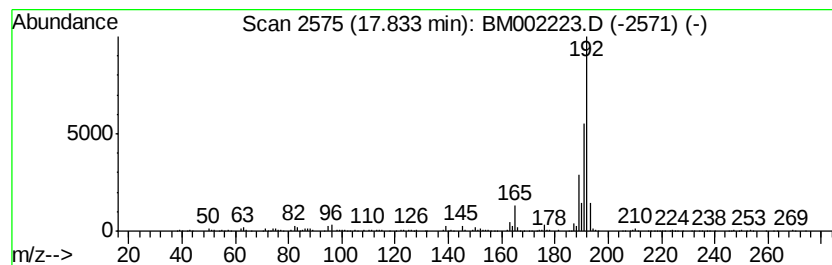
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	5.84 ng/ul	455611	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

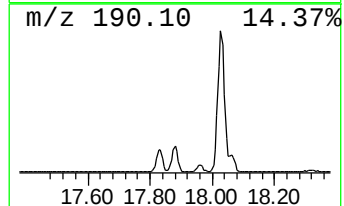
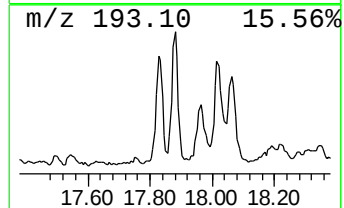
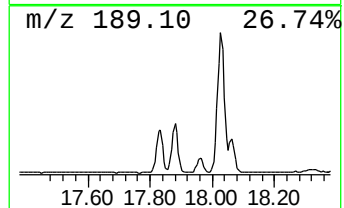
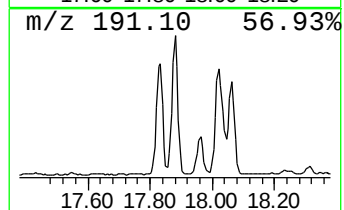
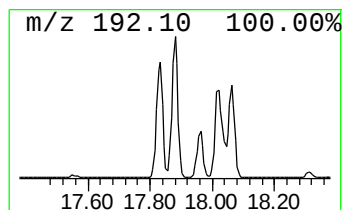
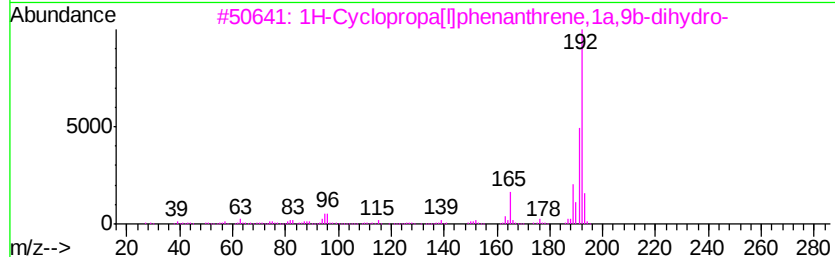
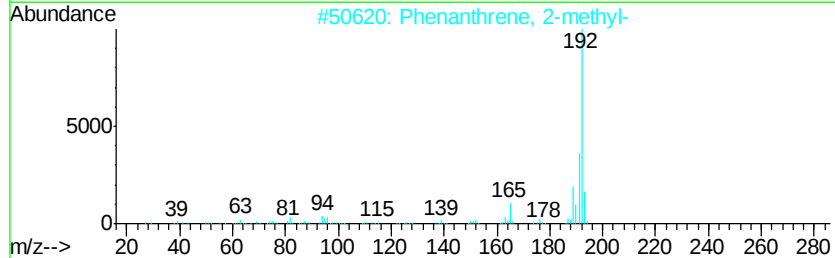
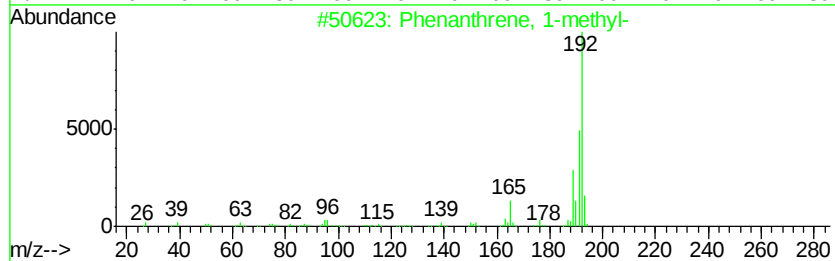
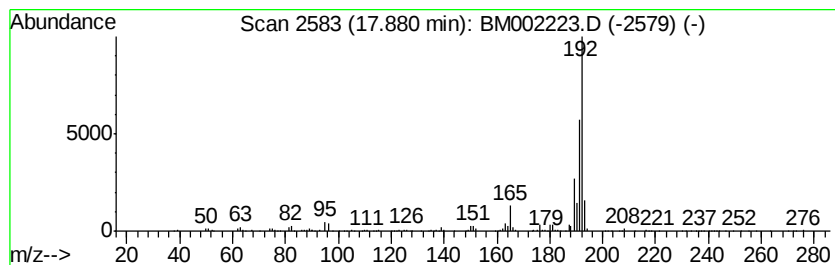
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	7.94 ng/ul	618874	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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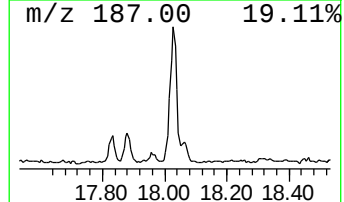
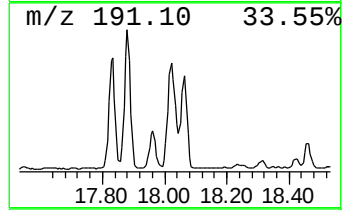
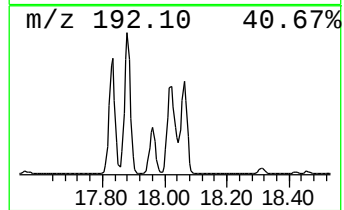
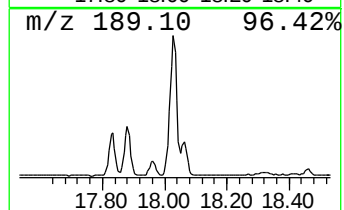
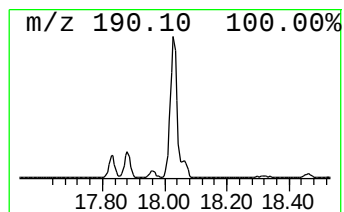
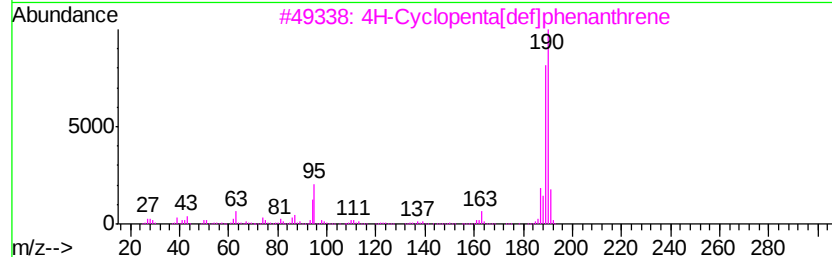
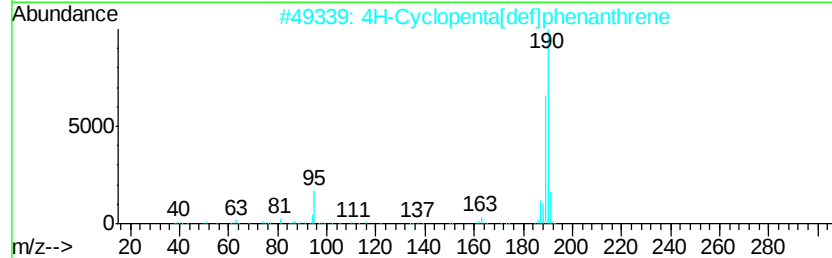
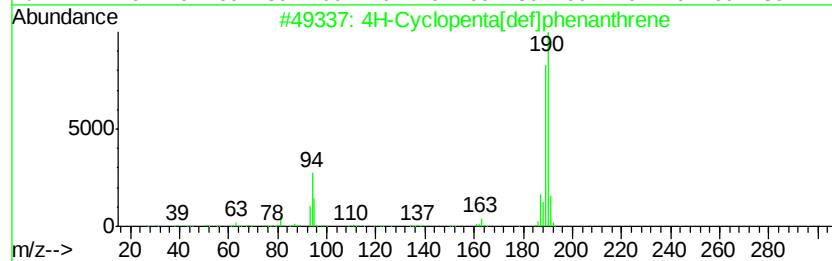
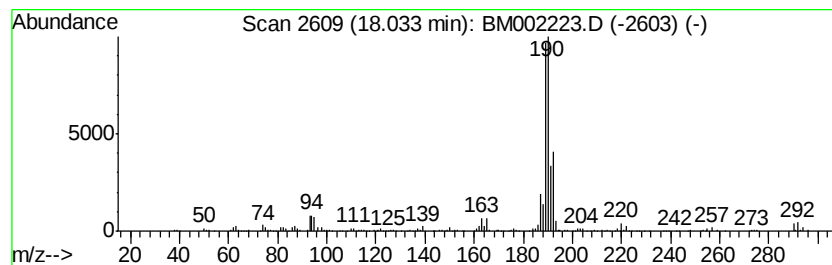
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	11.35 ng/ul	885234	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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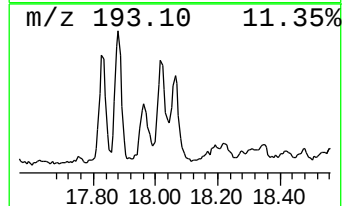
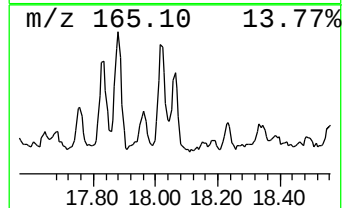
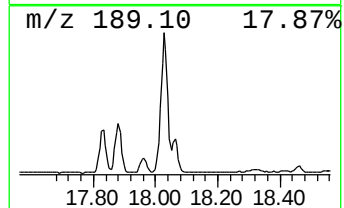
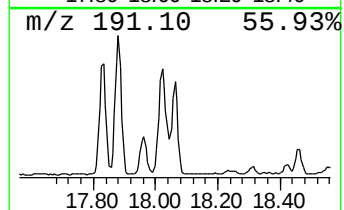
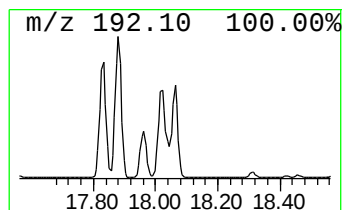
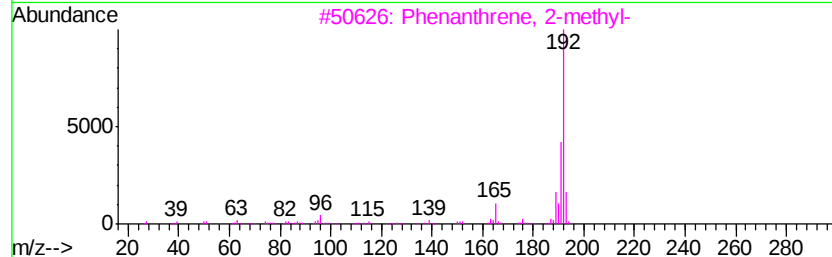
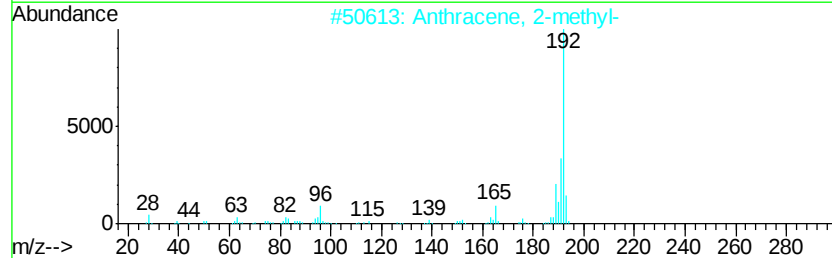
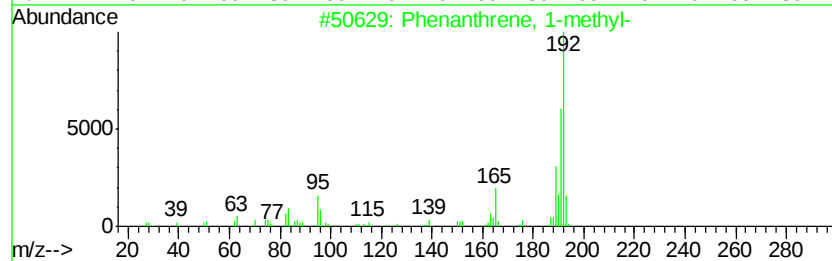
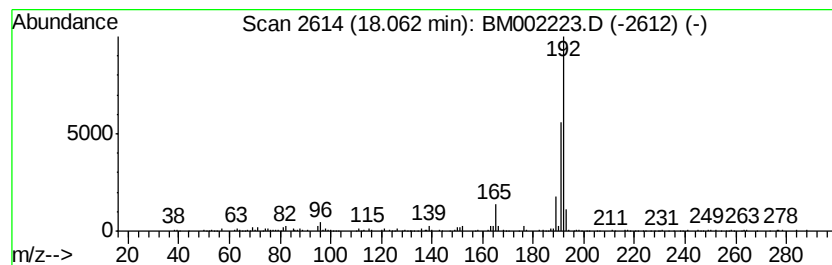
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.71 ng/ul	366848	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
5			1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	68



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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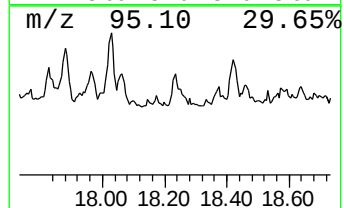
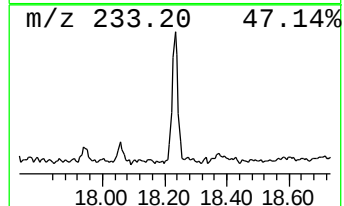
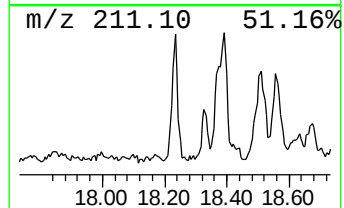
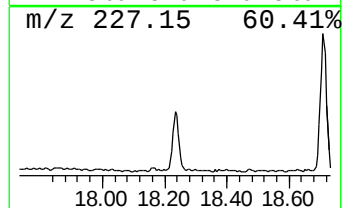
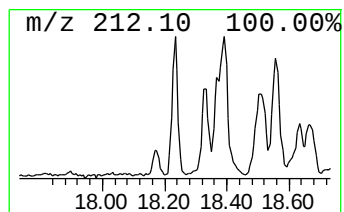
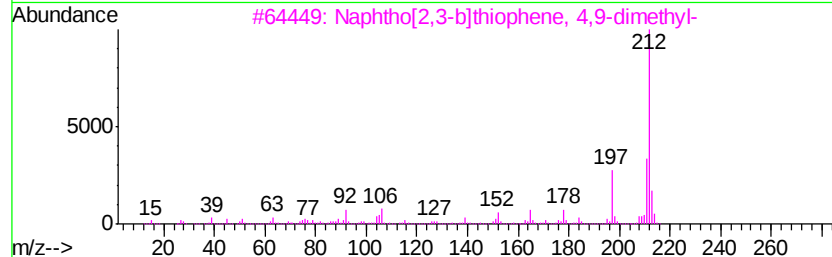
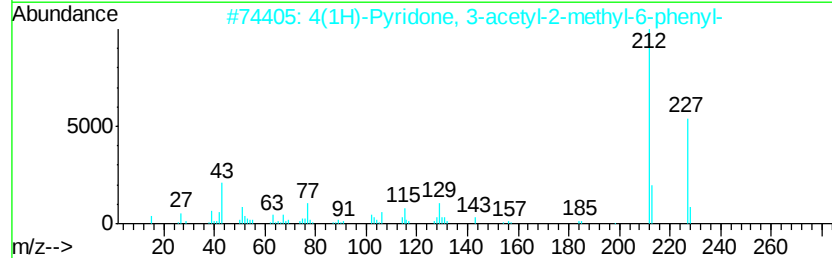
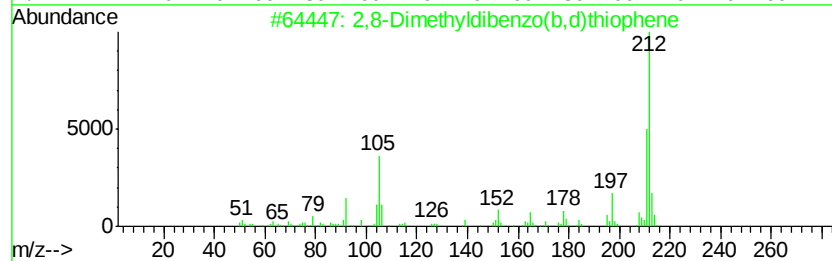
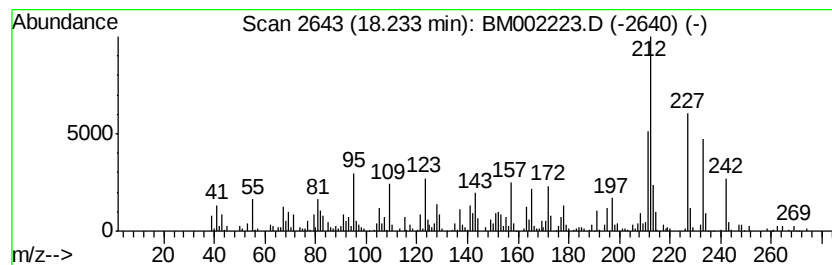
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.36 ng/ul	184377	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	50
2		4(1H)-Pyridone, 3-acetyl-2-methyl-...	227	C14H13N02	010037-19-1	38
3		Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	38
4		(E)-2-Fluoro-3-(4-fluorophenyl)-...	212	C11H10F2O2	111055-87-9	35
5		Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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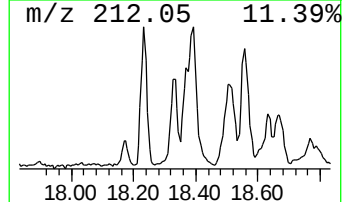
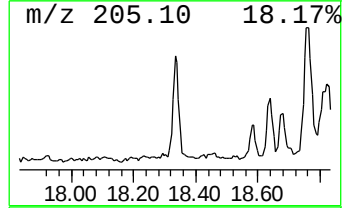
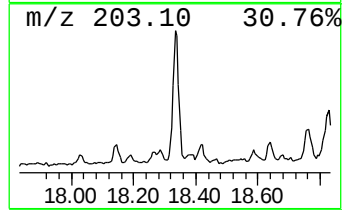
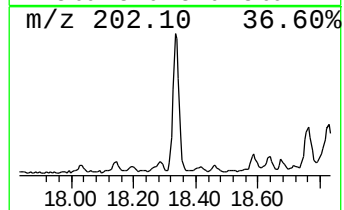
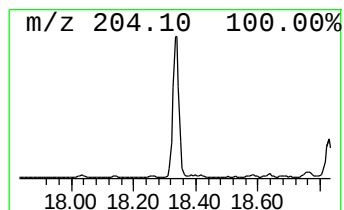
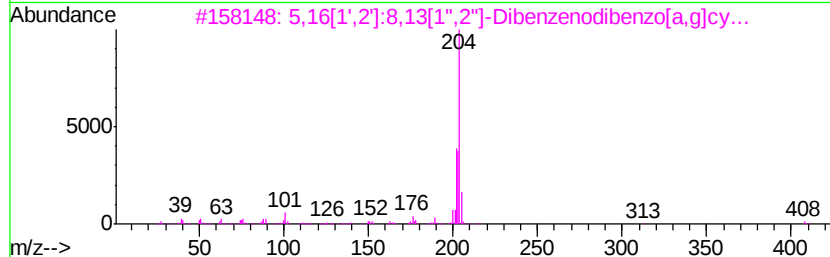
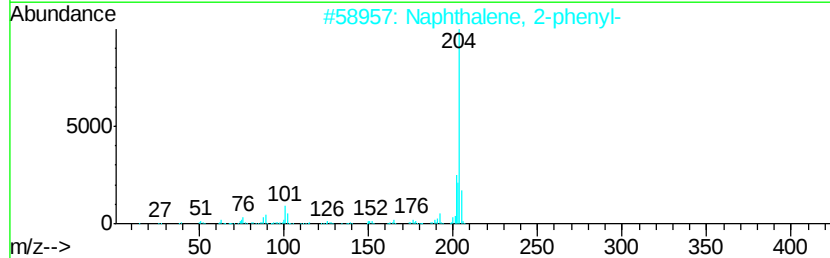
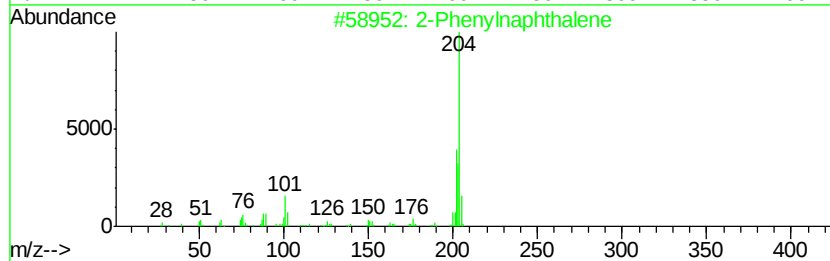
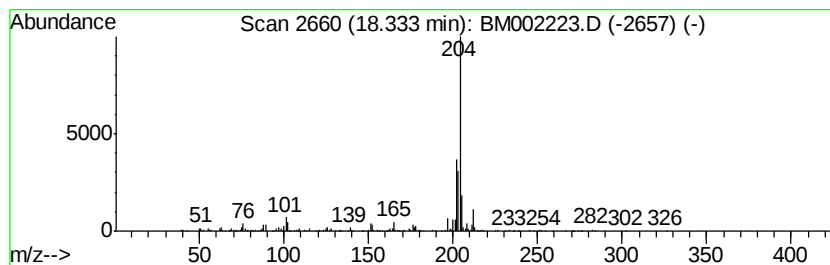
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 2-Phenylnaphthalene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.67 ng/ul	208227	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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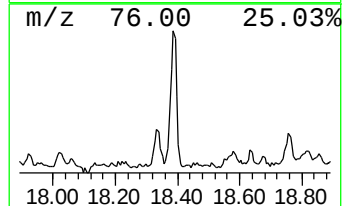
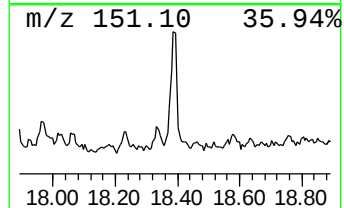
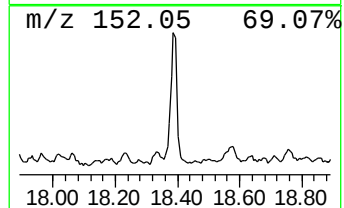
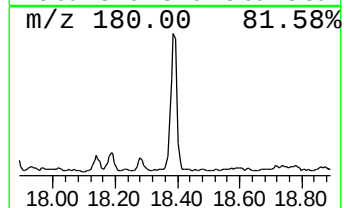
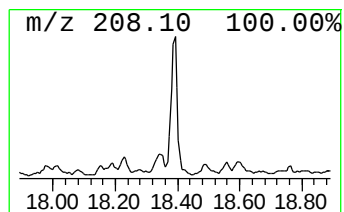
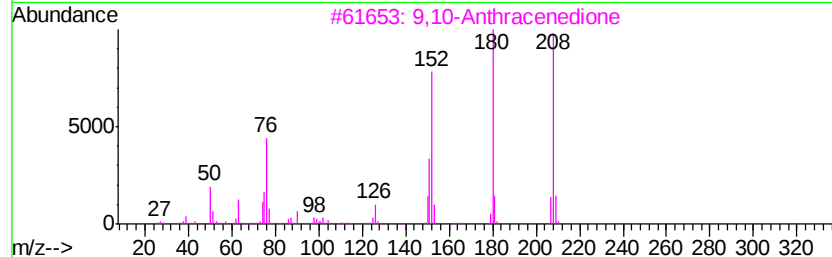
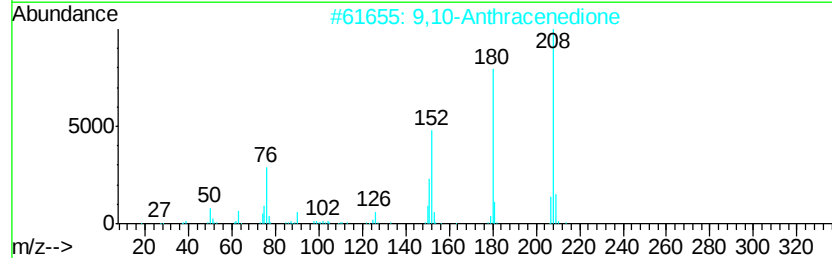
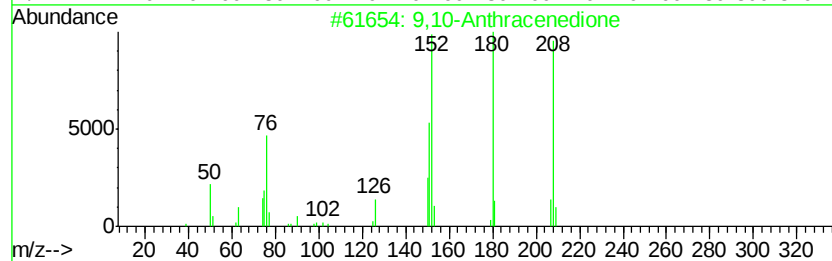
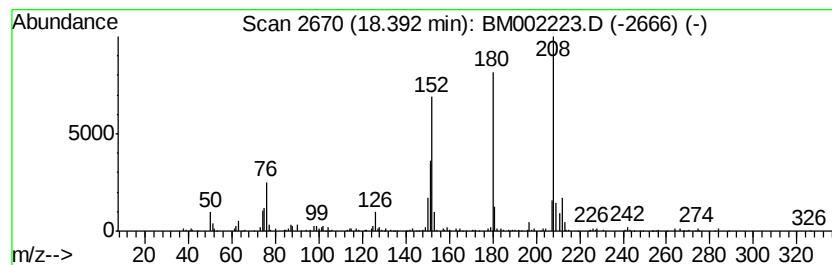
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9,10-Anthracenedione Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.48 ng/ul	193083	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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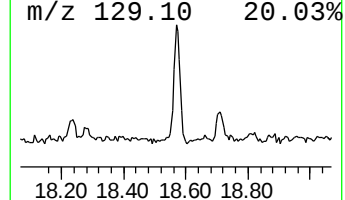
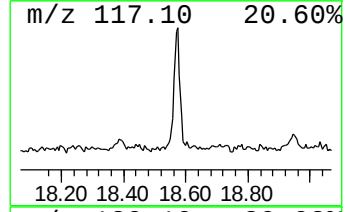
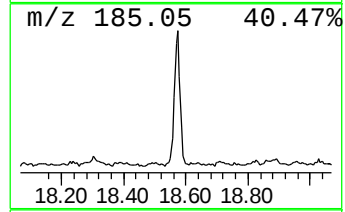
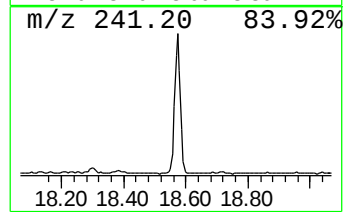
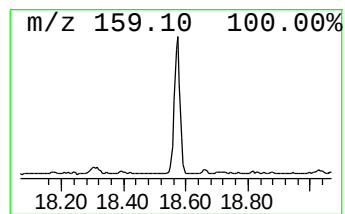
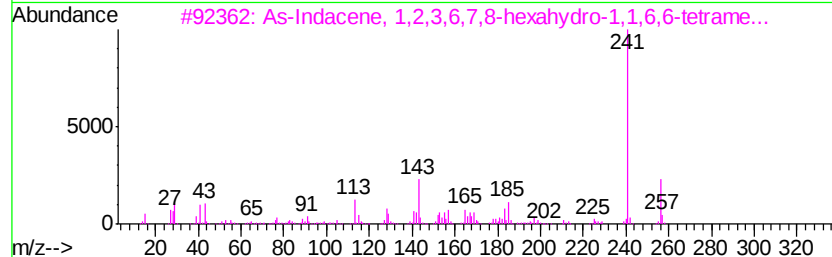
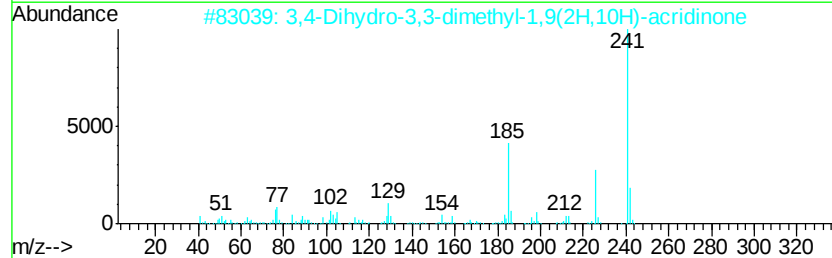
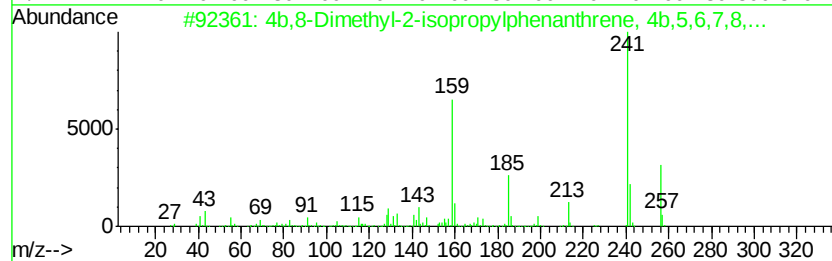
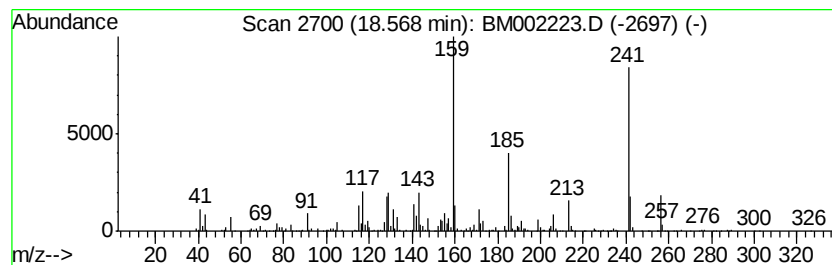
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 4b,8-Dimethyl-2-isopropylph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	6.17 ng/ul	481310	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2			3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15N02	1000212-95-2	35
3			As-Indacene, 1,2,3,6,7,8-hexahvd...	256	C19H28	017465-47-3	27
4			Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	25
5			Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
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Operator : TP/UM
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Misc :
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ClientSampleId :
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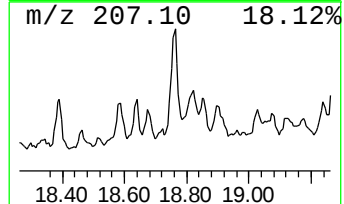
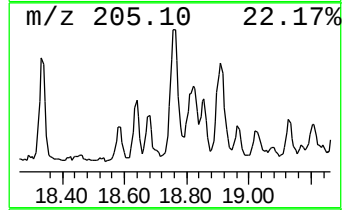
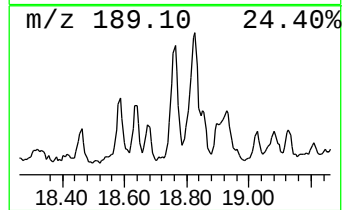
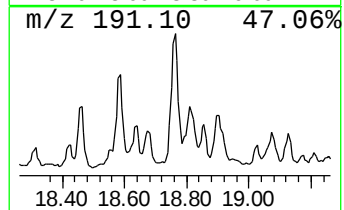
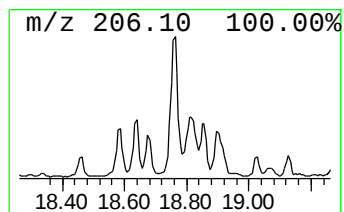
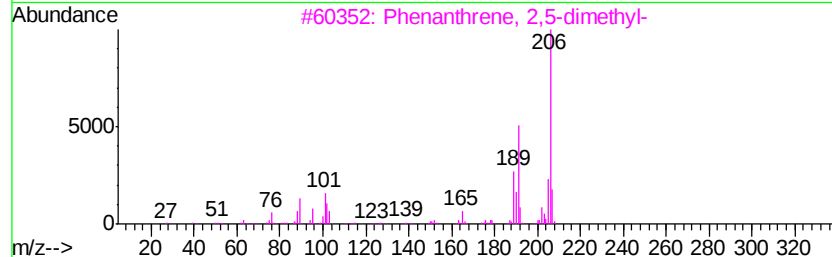
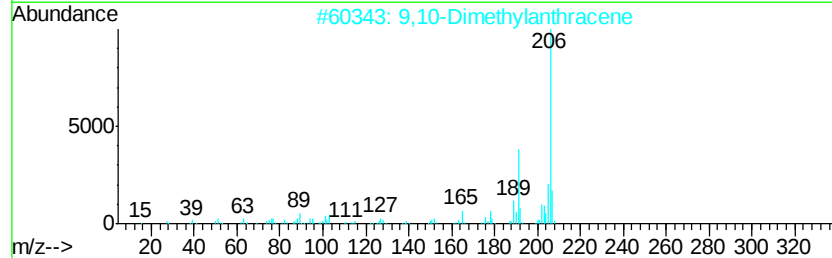
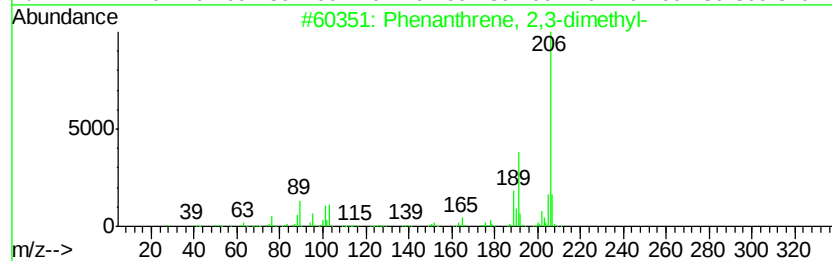
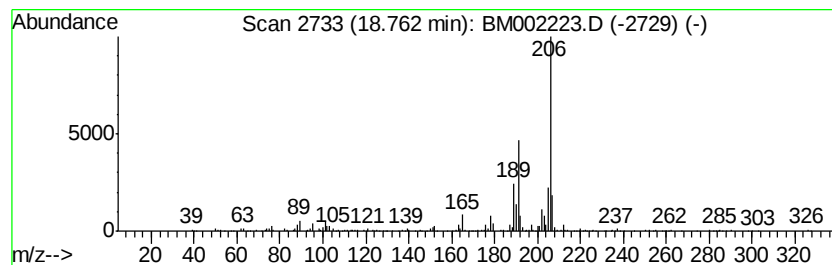
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	4.28 ng/ul	333767	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
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Misc :
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ClientSampleId :
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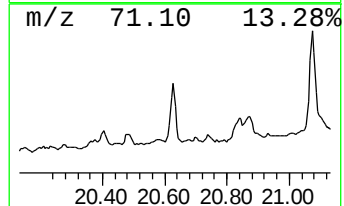
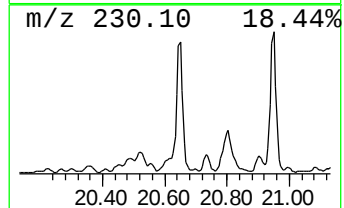
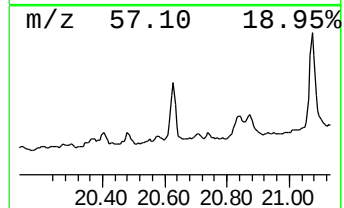
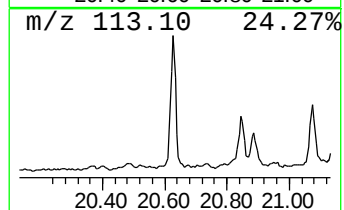
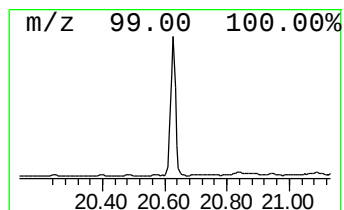
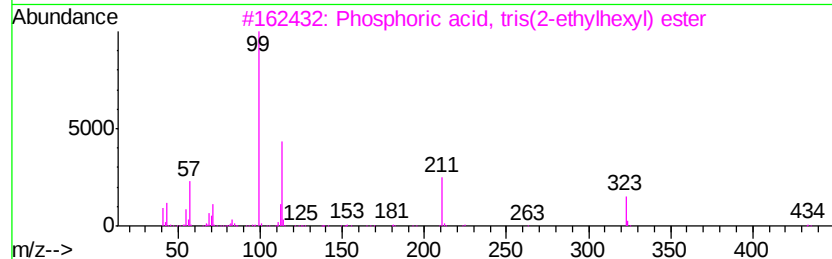
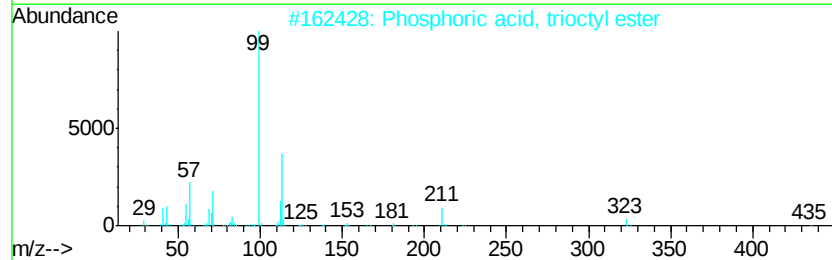
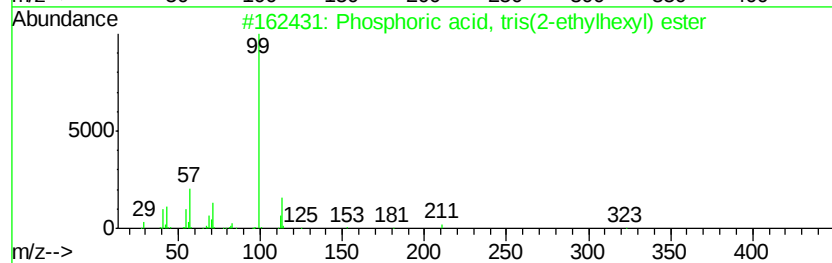
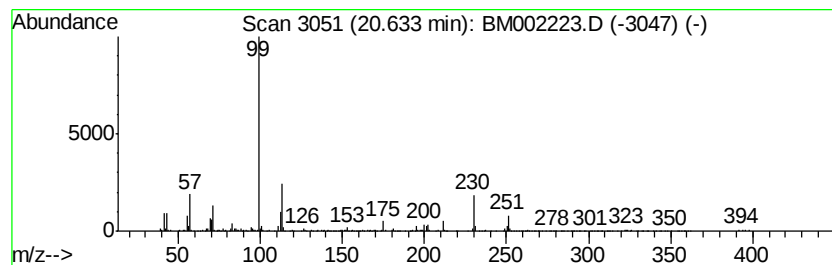
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phosphoric acid, tris(2-eth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.37 ng/ul	567830	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	72
2		Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	49
3		Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	47
4		Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	45
5		Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
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Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

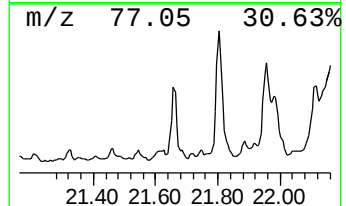
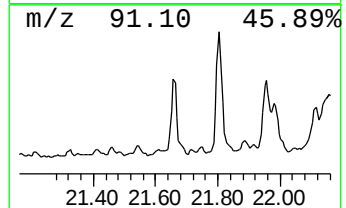
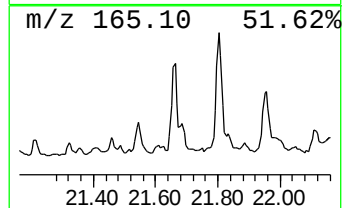
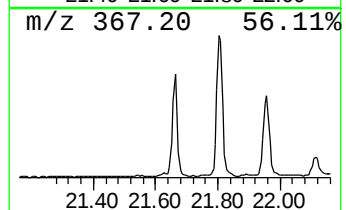
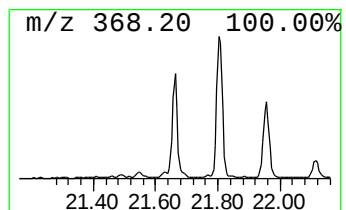
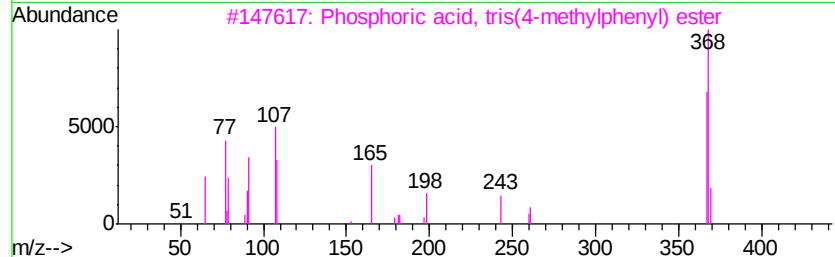
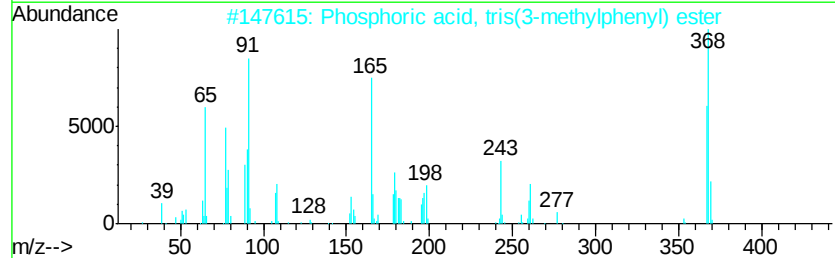
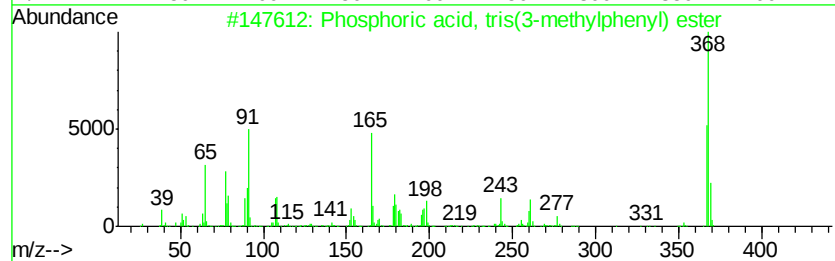
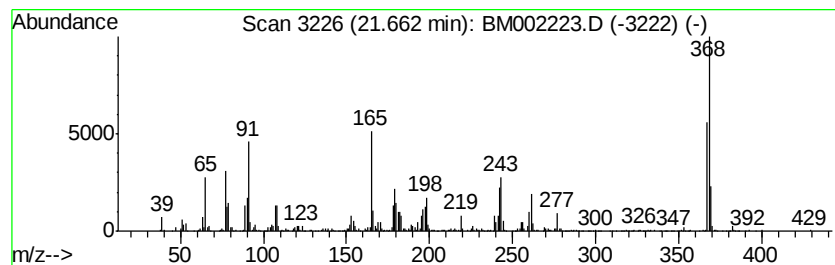
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phosphoric acid, tris(3-met... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	4.10 ng/ul	982997	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	46
4		Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	46
5		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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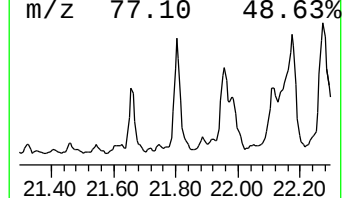
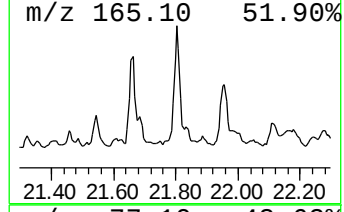
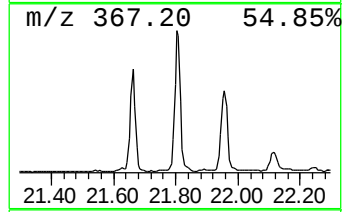
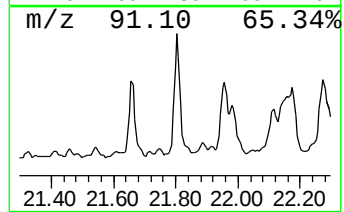
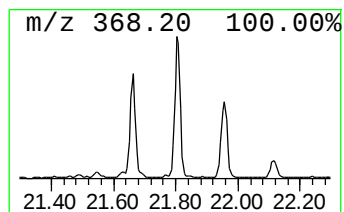
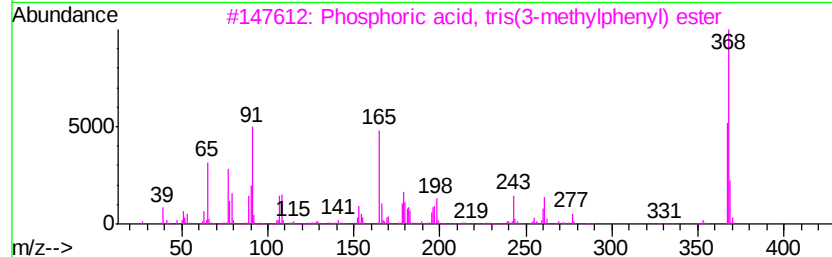
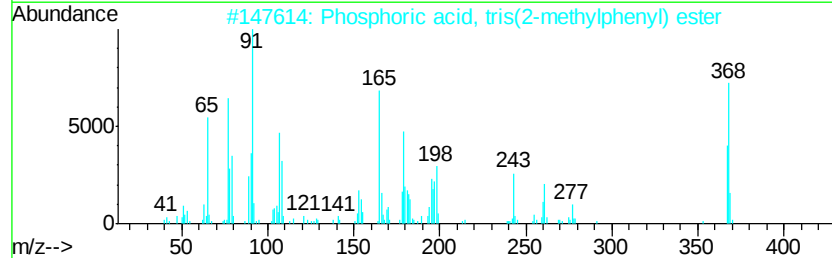
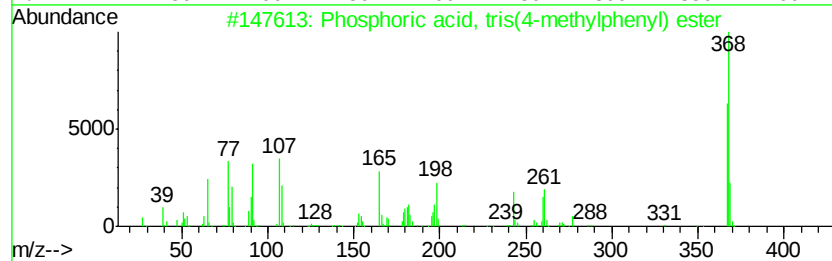
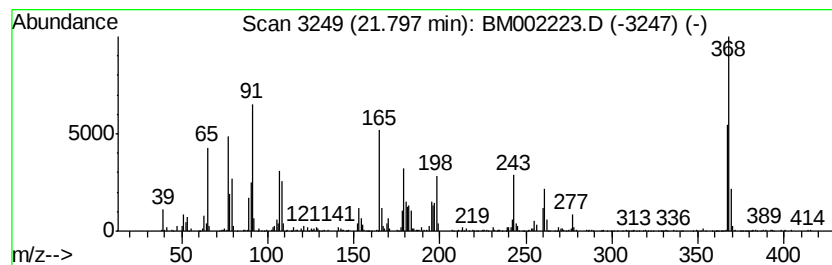
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Phosphoric acid, tris(4-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	6.32 ng/ul	1515580	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	99
2		Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	99
3		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
4		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
5		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	68



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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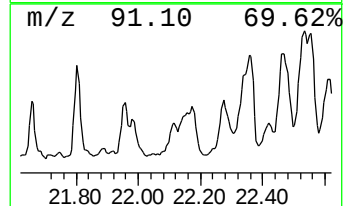
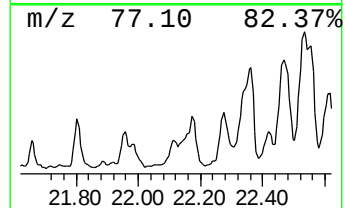
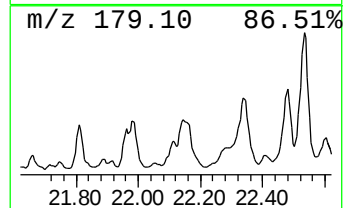
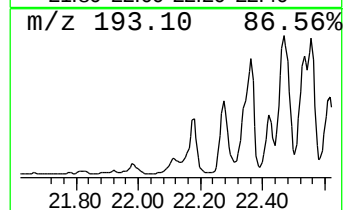
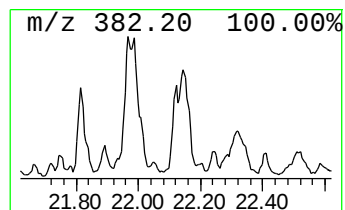
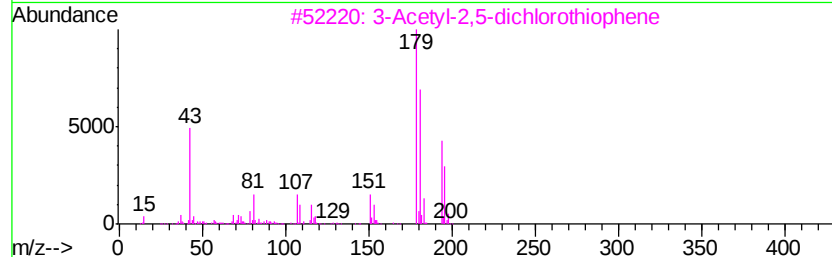
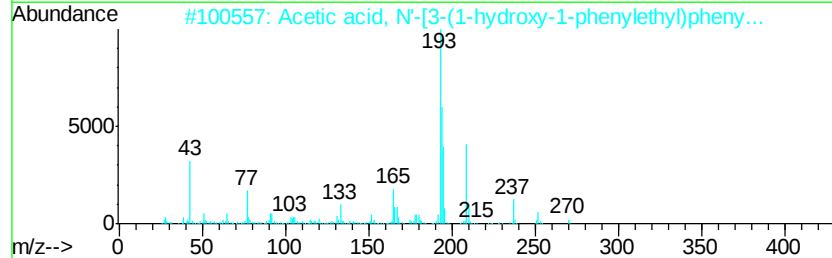
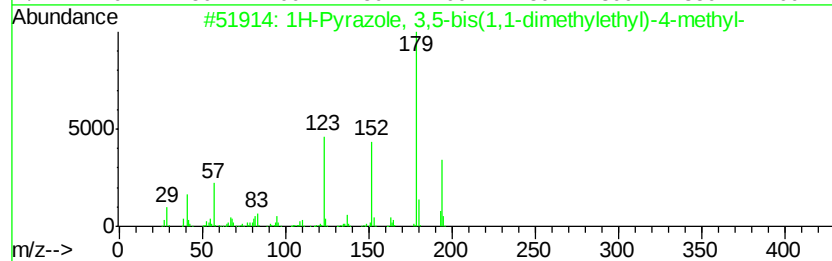
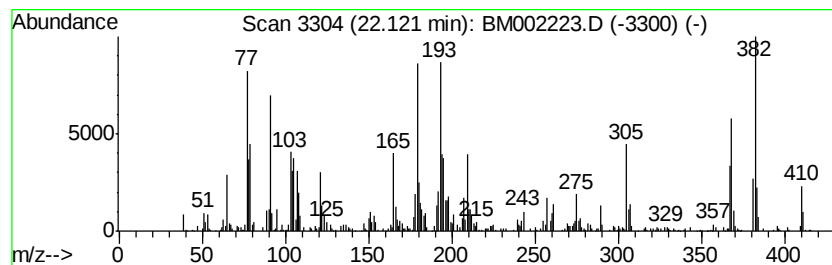
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-09 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.06 ng/ul	493559	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	25
2		Acetic acid, N'-[3-(1-hydroxy-1-...	270	C16H18N2O2	1000211-14-2	20
3		3-Acetyl-2,5-dichlorothiophene	194	C6H4Cl2OS	036157-40-1	18
4		4-Acetyl-7-hydroxybenzo-2,1,3-th...	194	C8H6N2O2S	120893-38-1	18
5		1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	15



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
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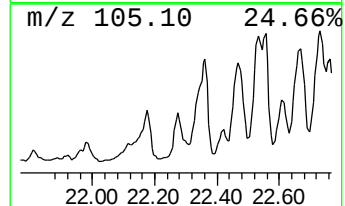
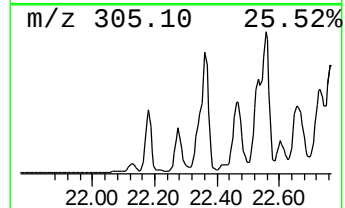
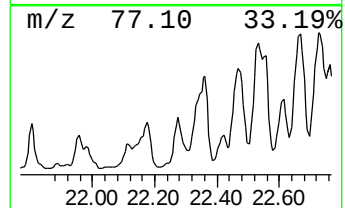
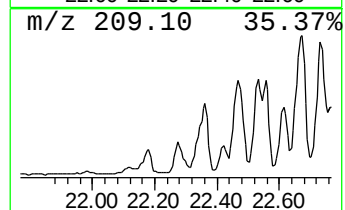
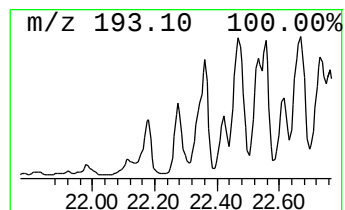
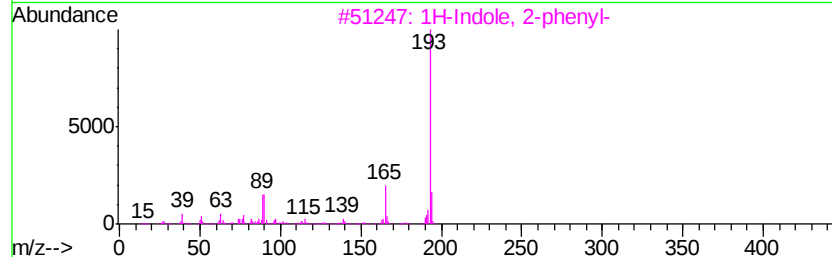
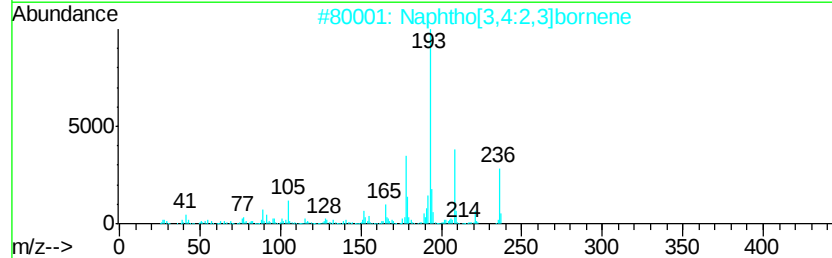
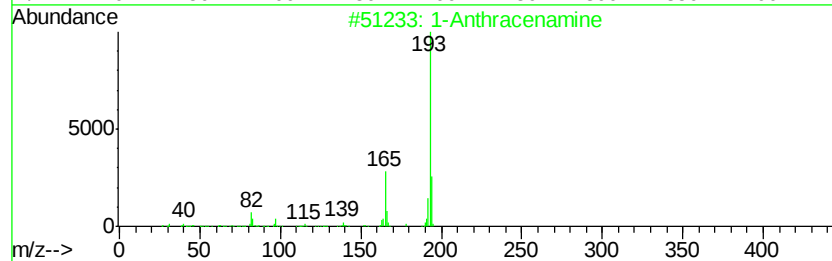
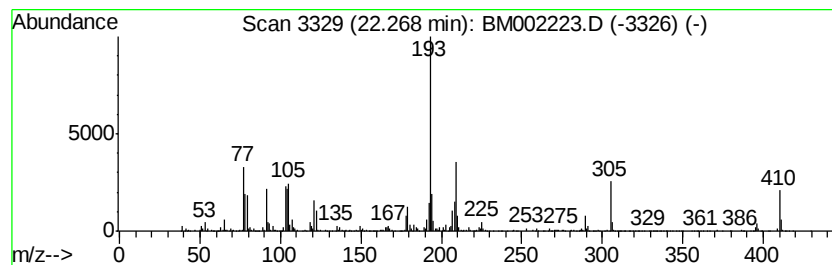
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	8.79 ng/ul	2107550	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Anthracenamine	193	C14H11N	000610-49-1	38
2			Naphtho[3,4:2,3]bornene	236	C18H20	1000210-68-3	38
3			1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	35
4			1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	35
5			1-Anthracenamine	193	C14H11N	000610-49-1	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

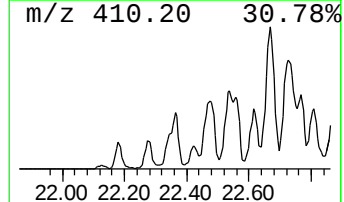
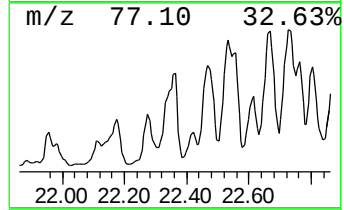
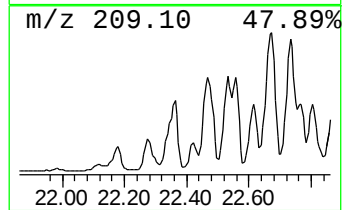
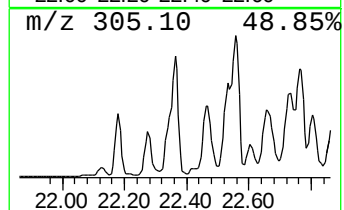
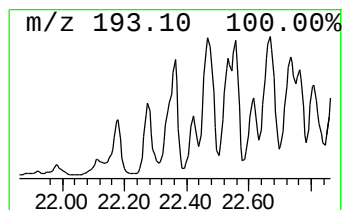
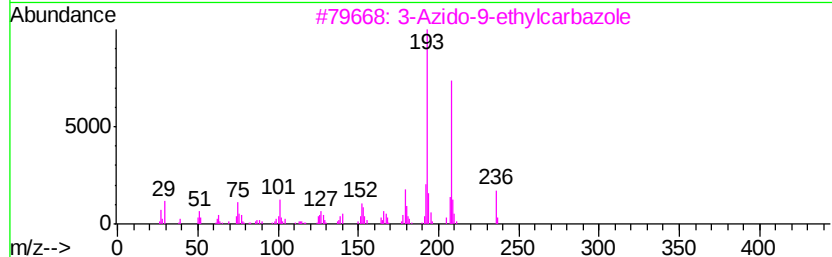
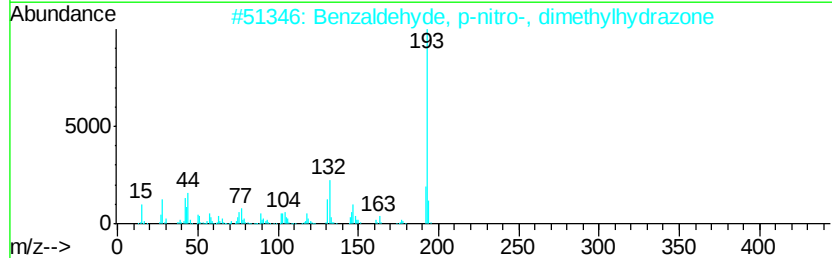
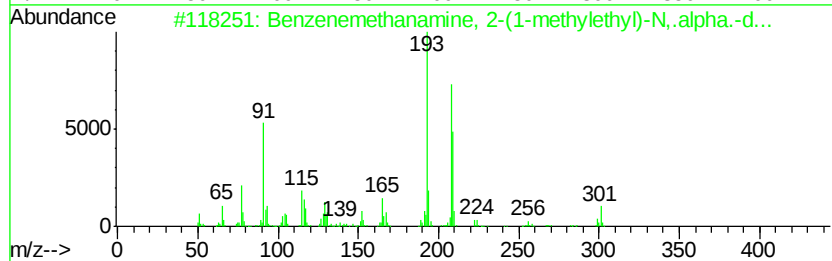
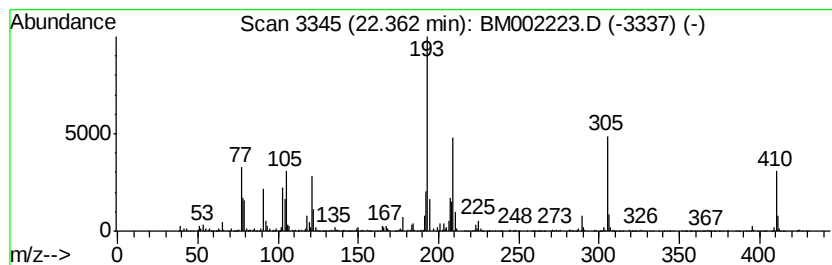
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	83.40 ng/ul	5131830	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanamine, 2-(1-methyle...	301	C22H23N	019103-11-8	37
2		Benzaldehyde, p-nitro-, dimethyl...	193	C9H11N3O2	010424-92-7	35
3		3-Azido-9-ethylcarbazole	236	C14H12N4	1000099-64-0	32
4		2-Phenylindolizine	193	C14H11N	025379-20-8	27
5		1-Anthracenamine	193	C14H11N	000610-49-1	27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

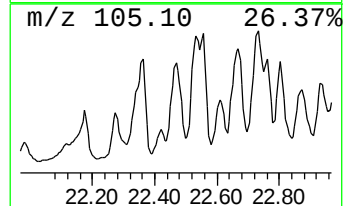
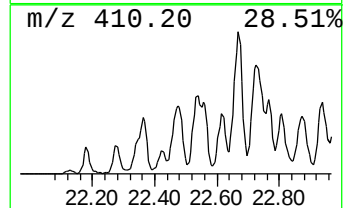
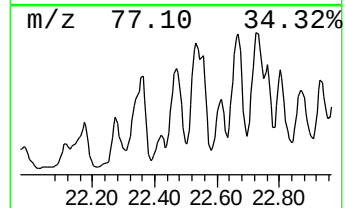
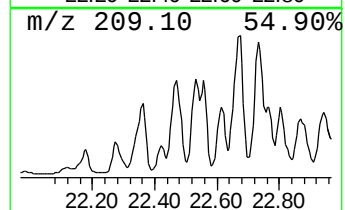
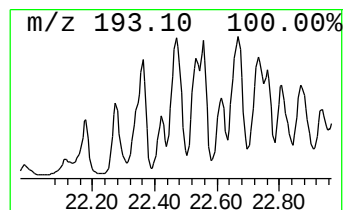
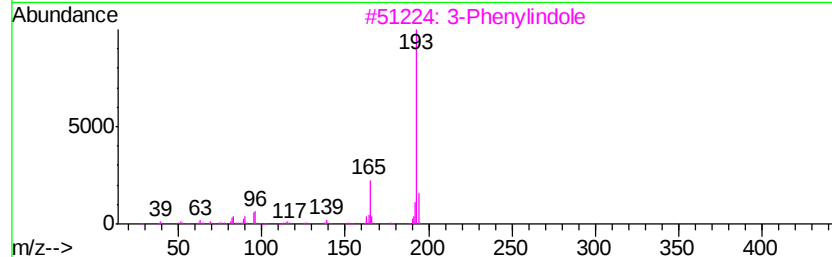
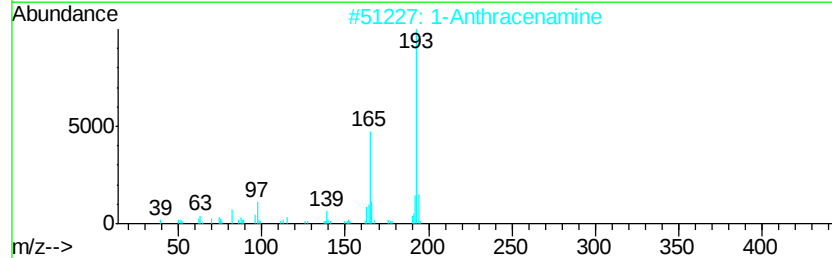
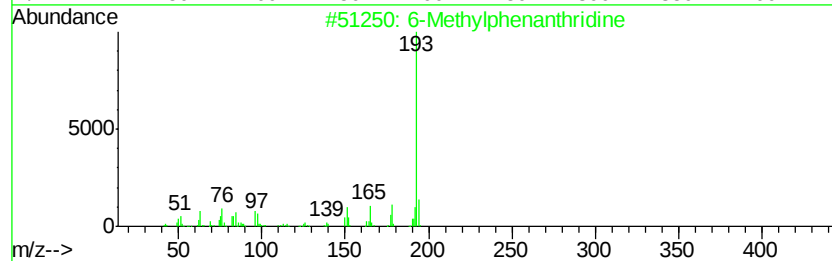
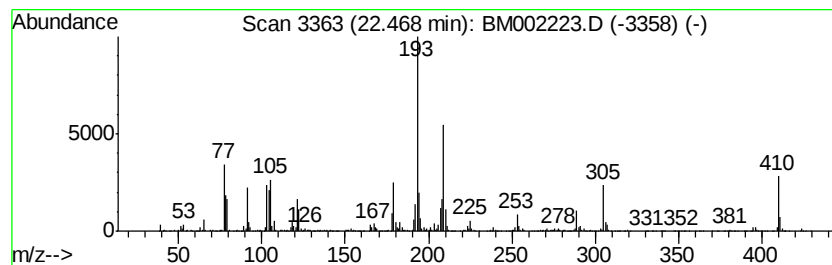
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 unknown-12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	65.97 ng/ul	4059170	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methylphenanthridine	193	C14H11N	003955-65-5	35
2		1-Anthracenamine	193	C14H11N	000610-49-1	35
3		3-Phenylindole	193	C14H11N	001504-16-1	35
4		6-Methylphenanthridine	193	C14H11N	003955-65-5	35
5		1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

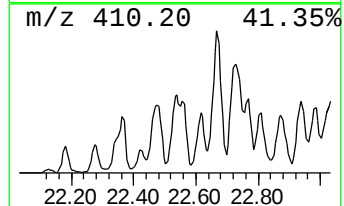
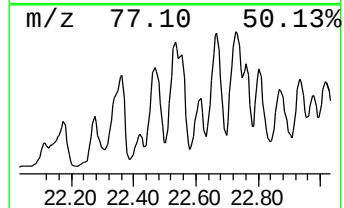
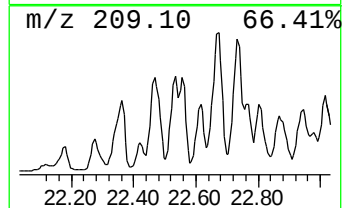
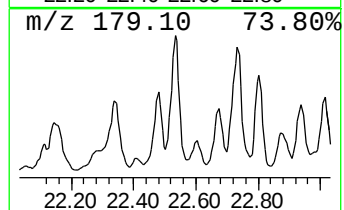
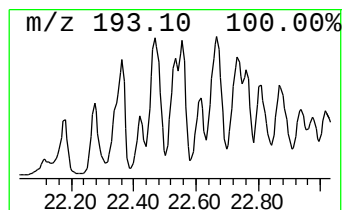
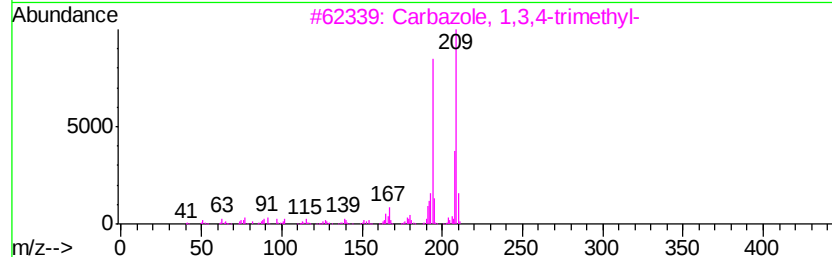
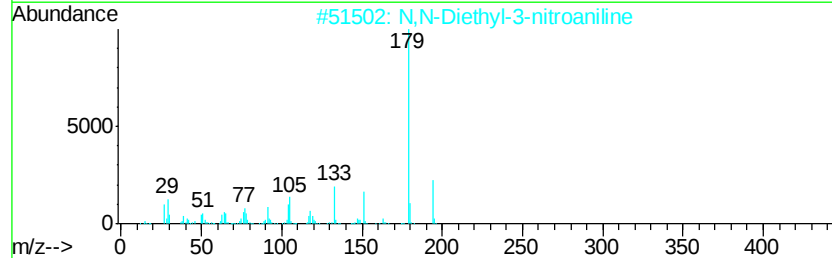
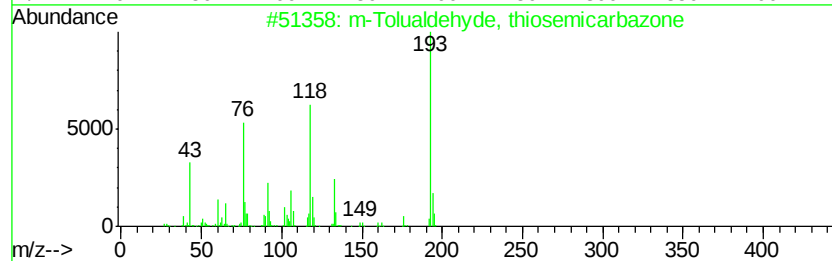
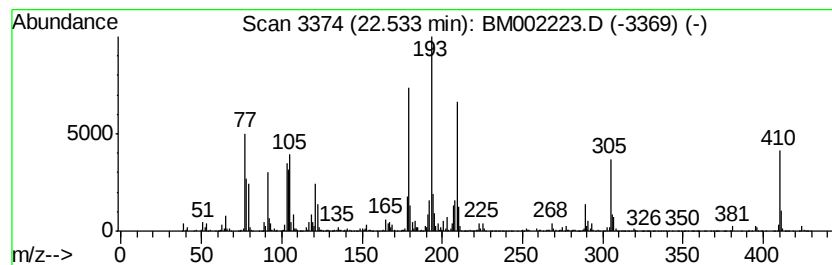
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-13 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	65.92 ng/ul	4056100	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Tolualdehyd, thiosemicarbazone	193	C9H11N3S	005706-82-1	18
2		N,N-Diethyl-3-nitroaniline	194	C10H14N2O2	002216-16-2	18
3		Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	15
4		Benzoic acid, 2-formyl-4,6-dimet...	336	C18H24O6	312305-59-2	14
5		2-Phenylindolizine	193	C14H11N	025379-20-8	14



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

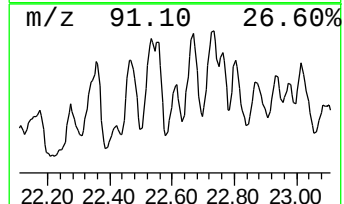
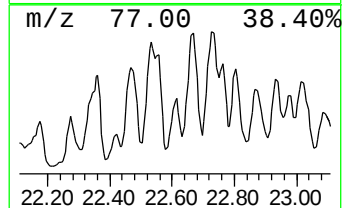
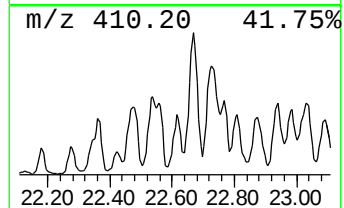
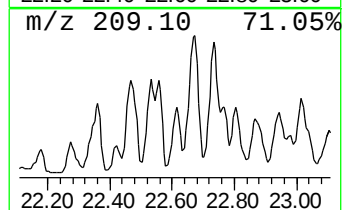
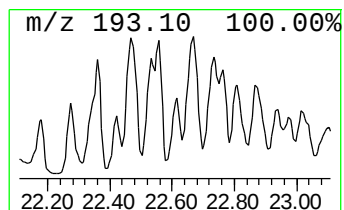
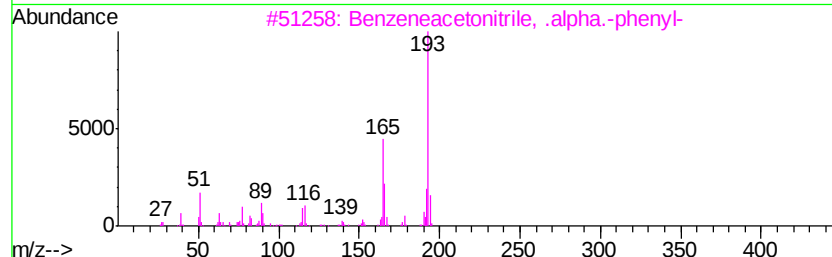
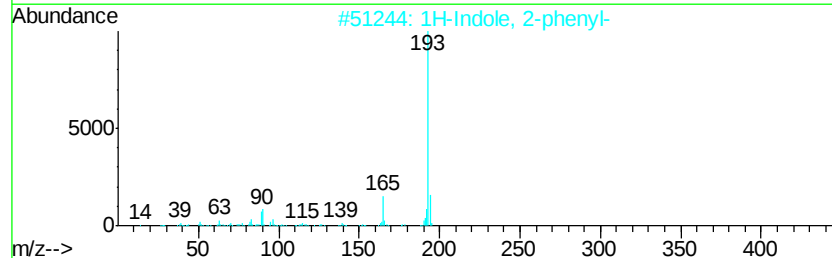
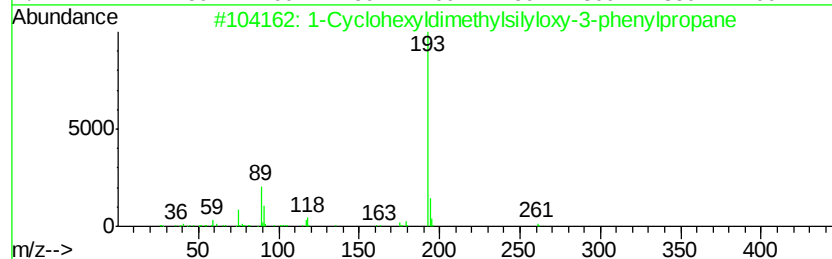
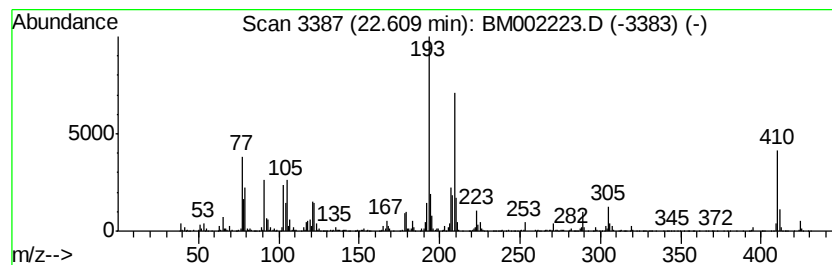
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 unknown-14 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	33.31 ng/ul	2049690	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexyldimethylsilyloxy-3-p...	276	C17H28OSi	1000282-21-4	27
2		1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	27
3		Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	27
4		1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	22
5		Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080415\
Data File : BM002223.D
Acq On : 04 Aug 2015 23:18
Operator : TP/UM
Sample : G3095-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q6RE

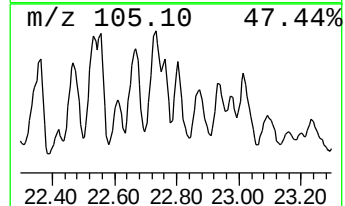
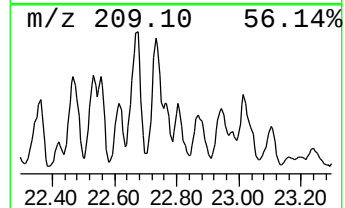
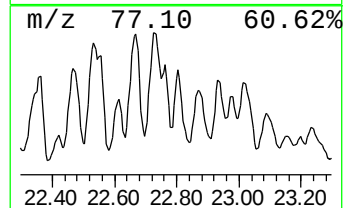
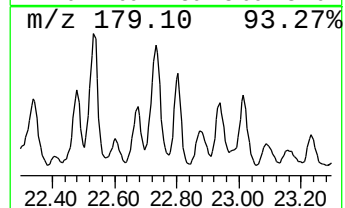
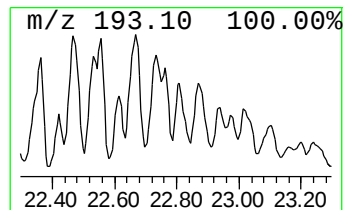
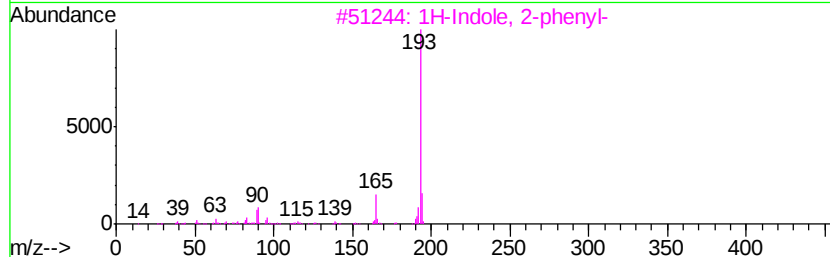
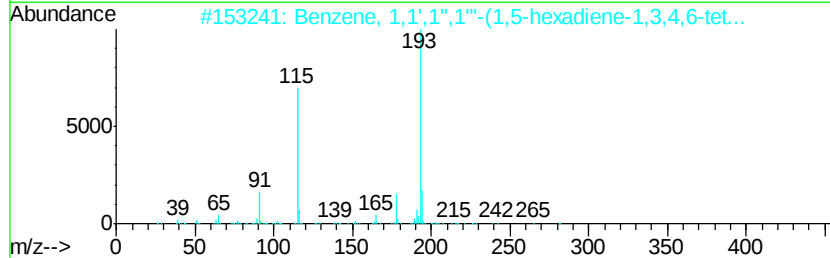
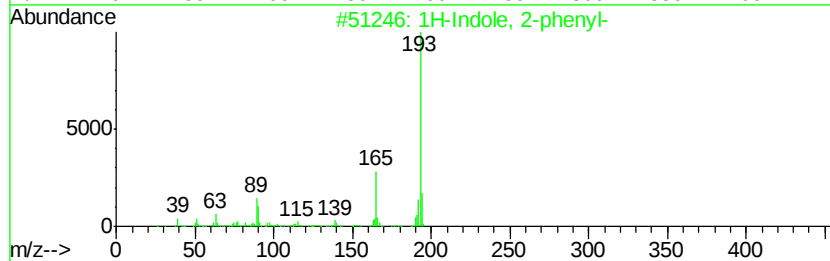
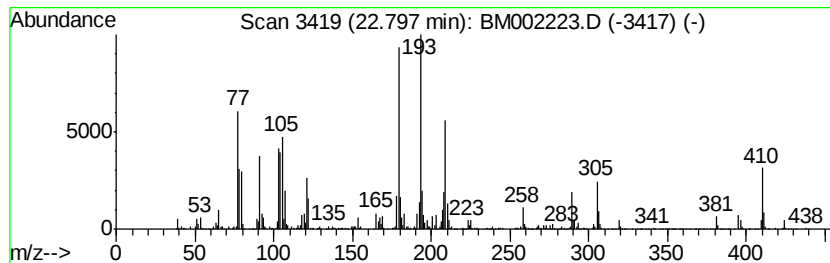
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 unknown-15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	41.25 ng/ul	2538290	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	27
2		Benzene, 1,1',1'',1'''-(1,5-hexa...	386	C30H26	034293-21-5	27
3		1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	27
4		6-Methylphenanthridine	193	C14H11N	003955-65-5	27
5		1-Anthracenamine	193	C14H11N	000610-49-1	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002223.D
 Acq On : 04 Aug 2015 23:18
 Operator : TP/UM
 Sample : G3095-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q6RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.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
(DEL) Alkane: Str...	11.33	3.3	ng/ul	188728	2	10.31	1146890	20.0
unknown-01	12.05	2.2	ng/ul	126443	2	10.31	1146890	20.0
Bicyclo[3.1.0]hex...	12.52	2.0	ng/ul	142170	3	14.20	1412680	20.0
Methyl ethyl cycl...	12.60	3.1	ng/ul	218459	3	14.20	1412680	20.0
(DEL) Alkane: Str...	12.71	2.8	ng/ul	197084	3	14.20	1412680	20.0
unknown-02	12.77	2.4	ng/ul	166523	3	14.20	1412680	20.0
Decahydro-4,4,8,9...	12.95	2.6	ng/ul	185466	3	14.20	1412680	20.0
unknown-04	13.72	3.4	ng/ul	242107	3	14.20	1412680	20.0
unknown-05	14.02	9.7	ng/ul	685720	3	14.20	1412680	20.0
unknown-06	14.72	2.6	ng/ul	182307	3	14.20	1412680	20.0
unknown-07	14.90	2.4	ng/ul	172432	3	14.20	1412680	20.0
unknown-08	14.98	4.9	ng/ul	344932	3	14.20	1412680	20.0
(DEL) Alkane: Str...	15.46	4.0	ng/ul	280416	3	14.20	1412680	20.0
(DEL) Alkane: Str...	15.94	10.2	ng/ul	796354	4	16.96	1559400	20.0
(DEL) Alkane: Str...	16.76	7.9	ng/ul	617638	4	16.96	1559400	20.0
Dibenzothiophene,...	17.53	2.7	ng/ul	212031	4	16.96	1559400	20.0
Phenanthrene, 1-m...	17.83	5.8	ng/ul	455611	4	16.96	1559400	20.0
Phenanthrene, 2-m...	17.88	7.9	ng/ul	618874	4	16.96	1559400	20.0
4H-Cyclopenta[def...	18.03	11.4	ng/ul	885234	4	16.96	1559400	20.0
Anthracene, 2-met...	18.06	4.7	ng/ul	366848	4	16.96	1559400	20.0
2,8-Dimethyldiben...	18.23	2.4	ng/ul	184377	4	16.96	1559400	20.0
2-Phenyl naphthalene	18.33	2.7	ng/ul	208227	4	16.96	1559400	20.0
9,10-Anthracenedione	18.39	2.5	ng/ul	193083	4	16.96	1559400	20.0
4b,8-Dimethyl-2-i...	18.57	6.2	ng/ul	481310	4	16.96	1559400	20.0
Phenanthrene, 2,3...	18.76	4.3	ng/ul	333767	4	16.96	1559400	20.0
Phosphoric acid, ...	20.63	2.4	ng/ul	567830	5	21.17	4795860	20.0
Phosphoric acid, ...	21.66	4.1	ng/ul	982997	5	21.17	4795860	20.0
Phosphoric acid, ...	21.80	6.3	ng/ul	1515580	5	21.17	4795860	20.0
unknown-09	22.12	2.1	ng/ul	493559	5	21.17	4795860	20.0
unknown-10	22.27	8.8	ng/ul	2107550	5	21.17	4795860	20.0
unknown-11	22.36	83.4	ng/ul	5131830	6	23.38	1230660	20.0
unknown-12	22.47	66.0	ng/ul	4059170	6	23.38	1230660	20.0
unknown-13	22.53	65.9	ng/ul	4056100	6	23.38	1230660	20.0
unknown-14	22.61	33.3	ng/ul	2049690	6	23.38	1230660	20.0
unknown-15	22.80	41.3	ng/ul	2538290	6	23.38	1230660	20.0