

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004552.D
 Acq On : 04 Mar 2016 03:25
 Operator : SJ/UM
 Sample : H1616-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS002-01

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BM030316.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	2.787	14	17	24	rVB	13558	16835	3.01%	0.248%
2	3.622	154	159	165	rBB	6419	8235	1.47%	0.121%
3	6.851	702	708	717	rBV	51877	90879	16.26%	1.339%
4	6.934	717	722	732	rVB	47862	73351	13.12%	1.081%
5	7.157	754	760	768	rBB	66104	102001	18.25%	1.503%
6	7.592	828	834	842	rBB	122422	184153	32.95%	2.713%
7	8.363	960	965	973	rBV	78356	136725	24.46%	2.014%
8	8.428	973	976	983	rVB	5471	9365	1.68%	0.138%
9	8.757	1026	1032	1041	rBB	59475	95851	17.15%	1.412%
10	9.475	1149	1154	1162	rBB	53844	83411	14.92%	1.229%
11	10.075	1250	1256	1270	rBB	74759	141529	25.32%	2.085%
12	10.380	1301	1308	1314	rBV	196272	323767	57.93%	4.770%
13	10.539	1329	1335	1352	rBV	58076	109882	19.66%	1.619%
14	13.610	1853	1857	1863	rBV	92460	163117	29.18%	2.403%
15	13.674	1863	1868	1872	rVV	189319	276275	49.43%	4.070%
16	13.716	1872	1875	1882	rVV	67499	97307	17.41%	1.433%
17	13.798	1885	1889	1895	rVB4	5656	10991	1.97%	0.162%
18	13.951	1909	1915	1924	rVB	210276	314536	56.28%	4.634%
19	14.151	1945	1949	1953	rVB	5395	6928	1.24%	0.102%
20	14.263	1961	1968	1976	rVB3	312198	558925	100.00%	8.234%
21	14.504	2003	2009	2014	rBB3	13919	23611	4.22%	0.348%
22	14.674	2033	2038	2041	rBV3	5911	11277	2.02%	0.166%
23	14.704	2041	2043	2050	rVB3	5938	7916	1.42%	0.117%
24	15.110	2108	2112	2116	rVB2	9405	12156	2.17%	0.179%
25	15.257	2132	2137	2144	rBV	278073	383631	68.64%	5.652%
26	15.421	2161	2165	2171	rBV	14212	18603	3.33%	0.274%
27	15.498	2175	2178	2185	rBB3	3864	7793	1.39%	0.115%
28	15.815	2227	2232	2240	rBV	87657	108203	19.36%	1.594%
29	15.974	2254	2259	2262	rBV	11047	16228	2.90%	0.239%
30	16.115	2277	2283	2285	rBV3	5179	8235	1.47%	0.121%
31	16.157	2285	2290	2299	rVB4	15563	27230	4.87%	0.401%
32	16.233	2299	2303	2308	rBV3	7989	12011	2.15%	0.177%
33	16.433	2332	2337	2341	rBV3	6284	11652	2.08%	0.172%
34	16.498	2343	2348	2351	rVV3	4953	7591	1.36%	0.112%

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35	16.668	2370	2377	2381	rBV	43492	58231	10.42%	0.858%
36	16.715	2381	2385	2390	rVV	40365	50308	9.00%	0.741%
37	16.768	2390	2394	2397	rVV	5336	7275	1.30%	0.107%
38	16.809	2397	2401	2406	rVB4	3219	5799	1.04%	0.085%
39	17.015	2430	2436	2442	rBV2	357956	494273	88.43%	7.281%
40	17.115	2446	2453	2460	rBV2	269653	386646	69.18%	5.696%
41	17.227	2469	2472	2476	rBV3	8762	9789	1.75%	0.144%
42	17.374	2493	2497	2500	rVB2	5380	6146	1.10%	0.091%
43	17.856	2576	2579	2583	rVB3	8380	9056	1.62%	0.133%
44	17.921	2586	2590	2594	rBV3	9426	18307	3.28%	0.270%
45	17.962	2594	2597	2599	rVB3	5136	5743	1.03%	0.085%
46	18.045	2607	2611	2615	rVB	8087	9645	1.73%	0.142%
47	18.109	2615	2622	2627	rBV3	17461	28250	5.05%	0.416%
48	18.203	2633	2638	2645	rBV2	15134	23557	4.21%	0.347%
49	18.298	2652	2654	2659	rVB3	4386	5622	1.01%	0.083%
50	18.362	2661	2665	2669	rBV2	12487	17361	3.11%	0.256%
51	18.533	2690	2694	2698	rVB	9331	12084	2.16%	0.178%
52	18.627	2706	2710	2713	rVB4	5587	8312	1.49%	0.122%
53	18.762	2728	2733	2738	rBV	22203	37789	6.76%	0.557%
54	19.056	2780	2783	2785	rBV3	6566	8651	1.55%	0.127%
55	19.156	2797	2800	2806	rVB2	12151	17088	3.06%	0.252%
56	19.427	2841	2846	2857	rVB	262475	375353	67.16%	5.530%
57	21.003	3110	3114	3118	rBV	116108	139144	24.89%	2.050%
58	21.133	3132	3136	3140	rVB	102502	116123	20.78%	1.711%
59	21.227	3147	3152	3156	rBV	322505	422343	75.56%	6.222%
60	23.303	3499	3505	3520	rVB	188307	410323	73.41%	6.045%
61	23.444	3523	3529	3540	rVB2	213431	430743	77.07%	6.346%
62	24.397	3686	3691	3698	rVB2	102065	213936	38.28%	3.152%

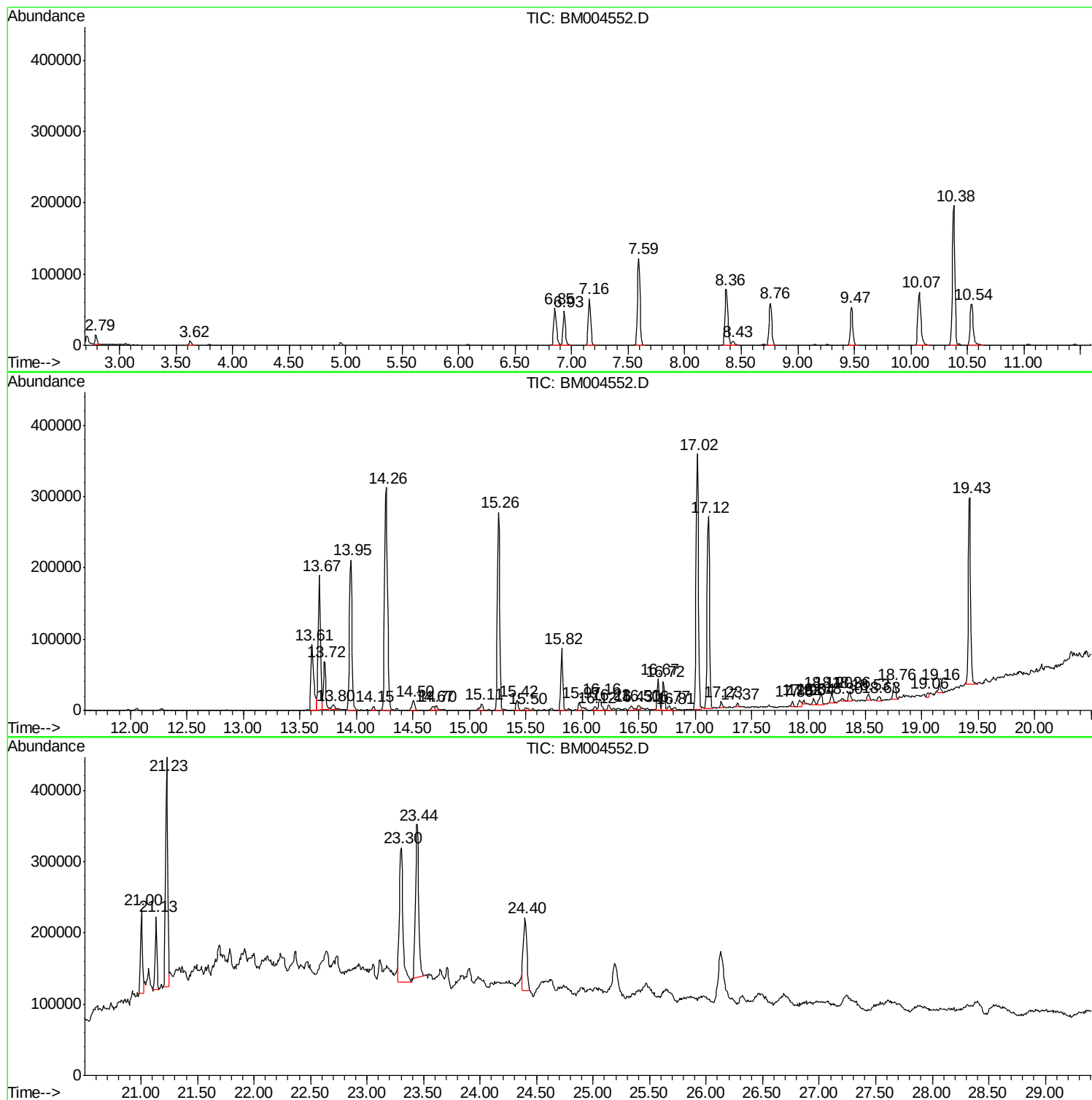
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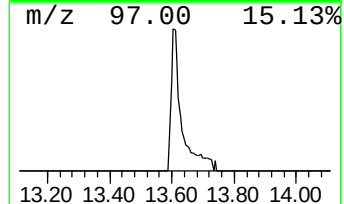
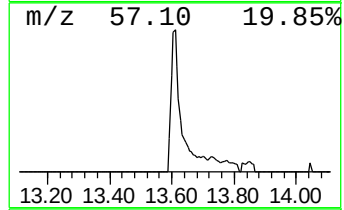
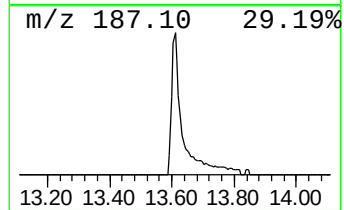
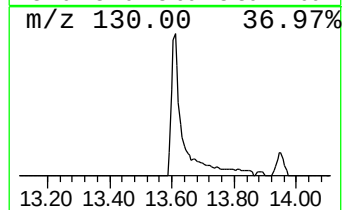
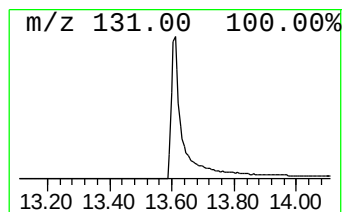
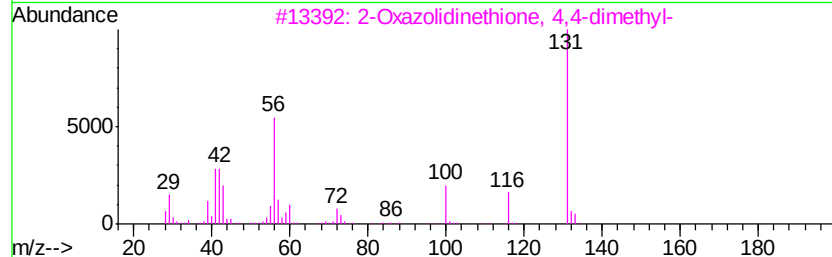
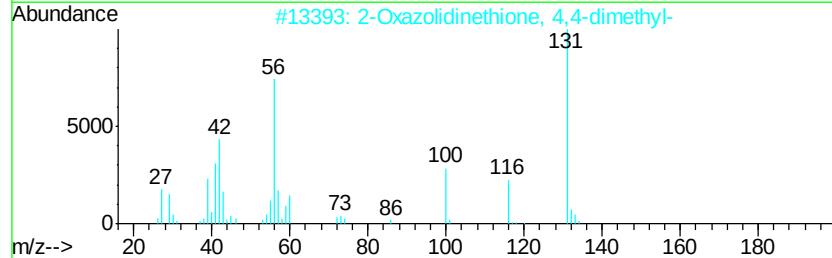
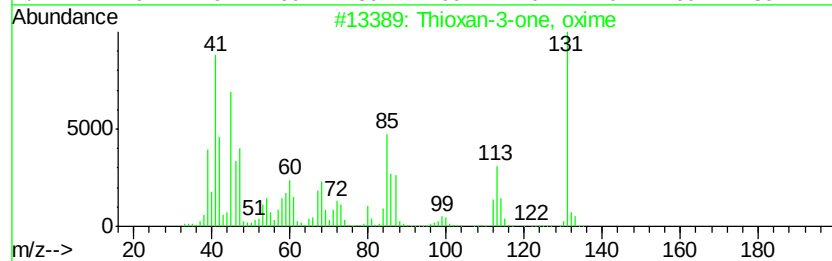
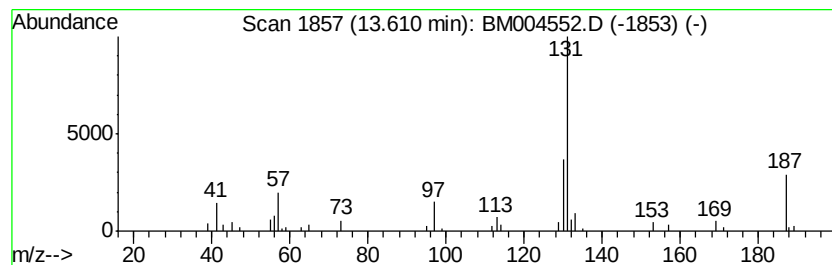
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	5.84 ng/ul	163117	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Thioxan-3-one, oxime	131 C5H9NOS	058230-51-6 38
2		2-Oxazolidinethione, 4,4-dimethyl-	131 C5H9NOS	054013-55-7 9
3		2-Oxazolidinethione, 4,4-dimethyl-	131 C5H9NOS	054013-55-7 9
4		Silane, [1-(5-ethenyltetrahydro-...	242 C13H26O2Si	057397-14-5 9
5		Butane-1,3-diol, 1-methylene-3-m...	260 C12H28O2Si2	117201-96-4 9



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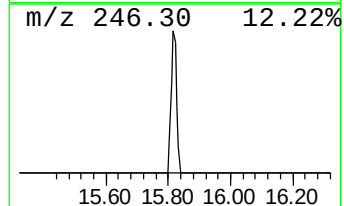
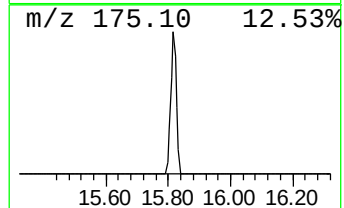
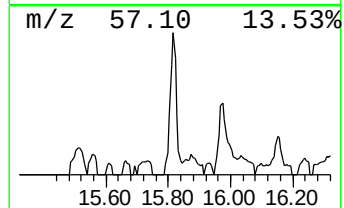
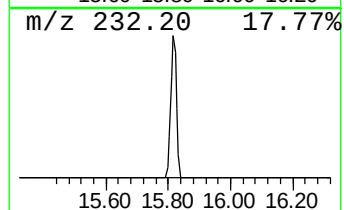
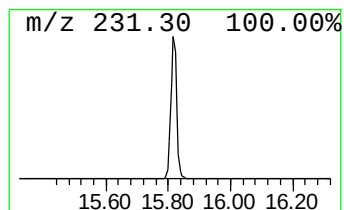
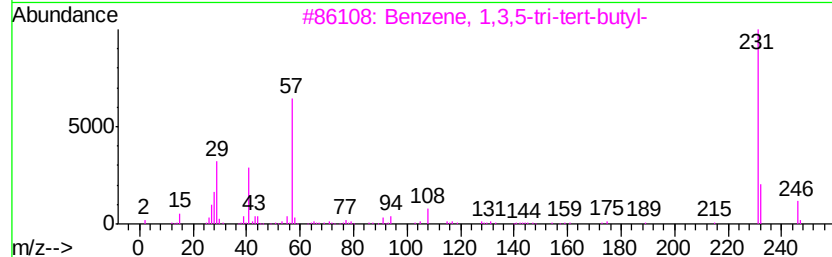
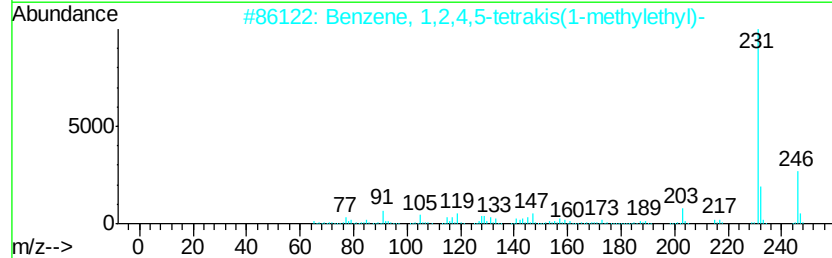
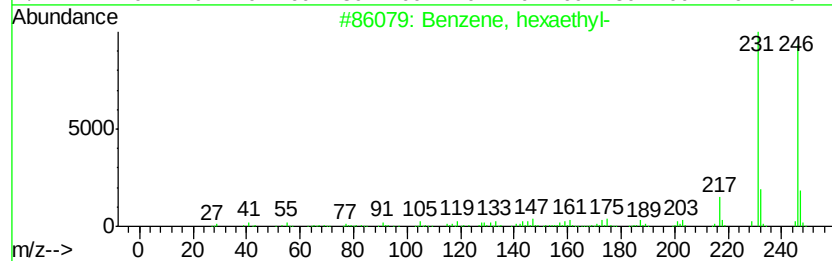
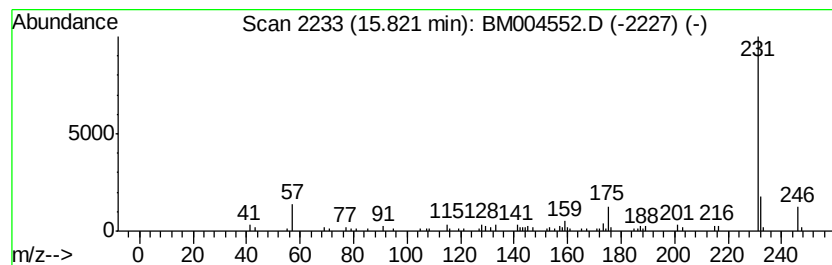
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, hexaethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	4.38 ng/ul	108203	Phenanthrene-d10	17.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, hexaethyl-	246 C18H30	000604-88-6 78
2		Benzene, 1,2,4,5-tetrakis(1-meth...	246 C18H30	000635-11-0 72
3		Benzene, 1,3,5-tri-tert-butyl-	246 C18H30	001460-02-2 72
4		Benzene, 1,3,5-tri-tert-butyl-	246 C18H30	001460-02-2 72
5		Benzene, 1,3,5-tri-tert-butyl-	246 C18H30	001460-02-2 64



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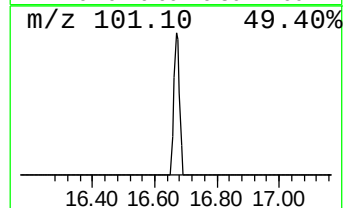
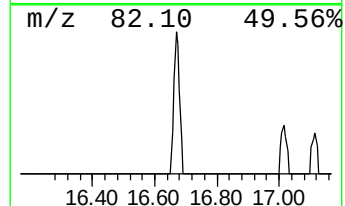
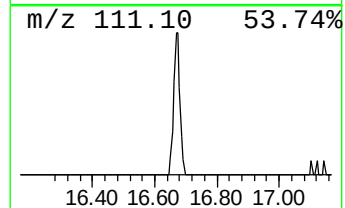
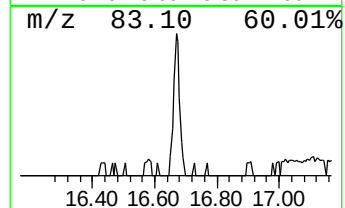
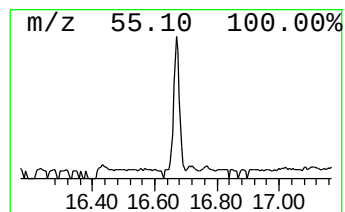
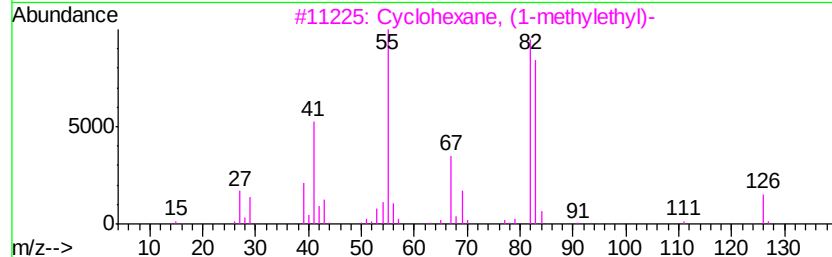
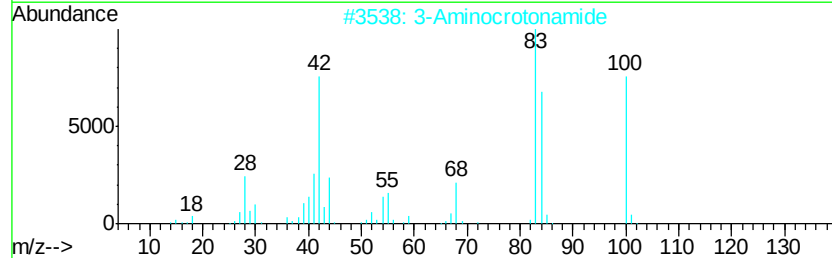
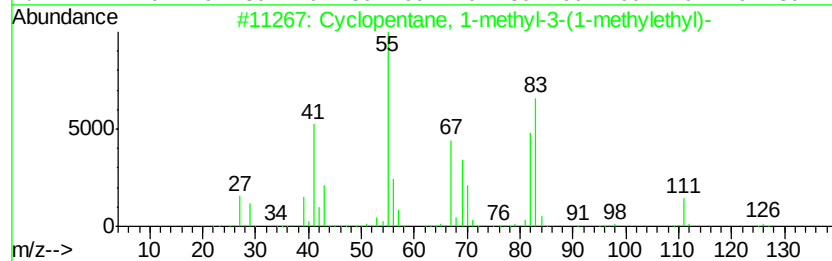
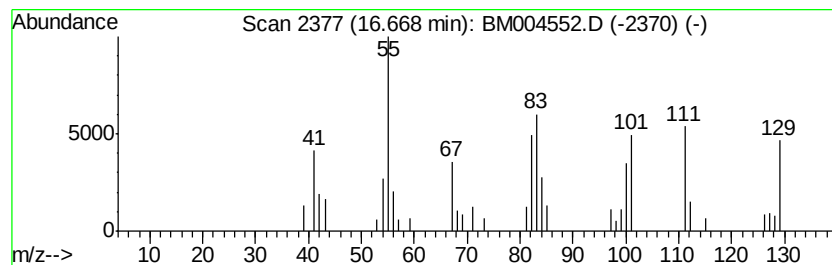
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	2.36 ng/ul	58231	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	27
2		3-Aminocrotonamide	100	C4H8N2O	015846-25-0	18
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	14
4		3-Methyl-2-butenic acid, octade...	352	C23H44O2	202659-50-5	12
5		Diethyldivinylsilane	140	C8H16Si	018270-16-1	12



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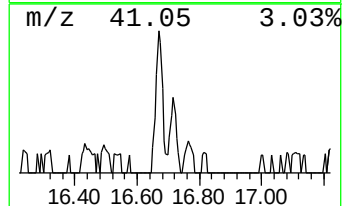
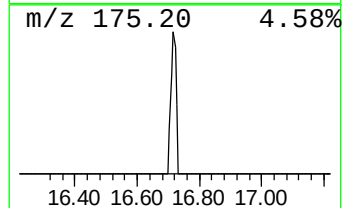
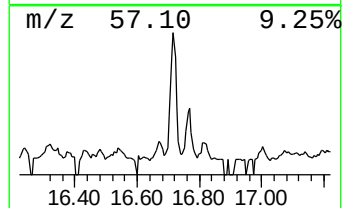
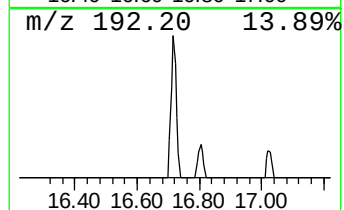
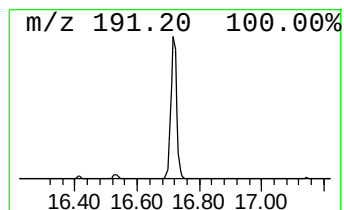
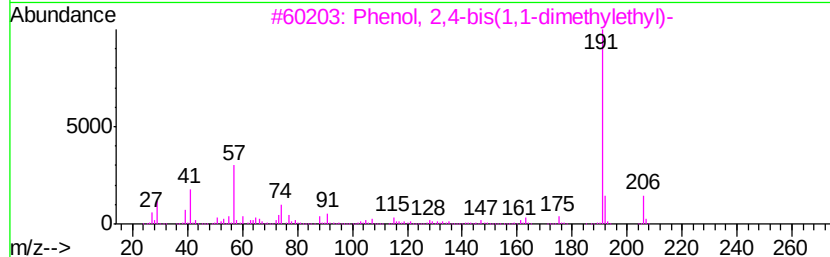
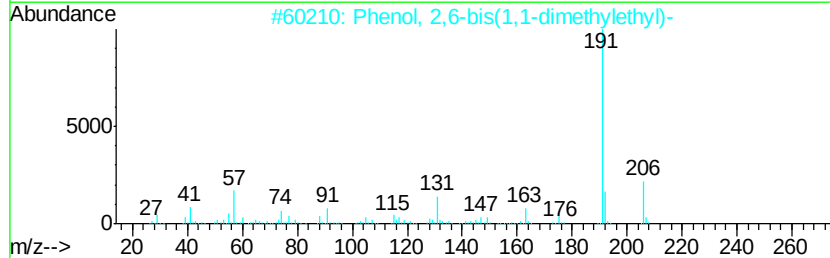
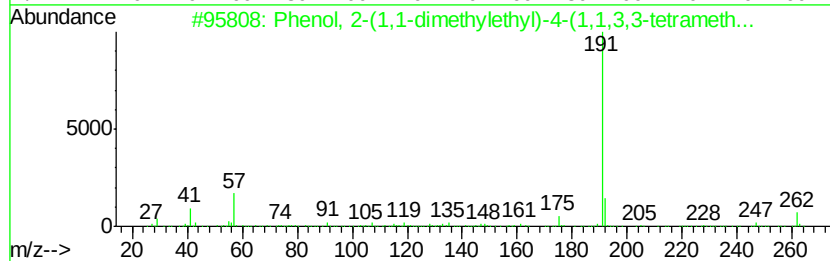
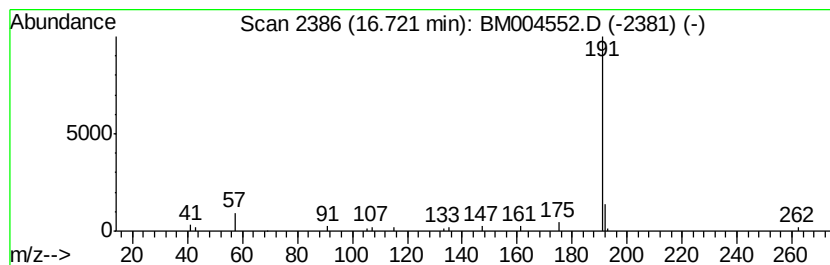
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 2-(1,1-dimethylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.04 ng/ul	50308	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-4-...	262	C18H30O	005806-73-5	90
2		Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	74
3		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	72
4		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	56
5		Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	43



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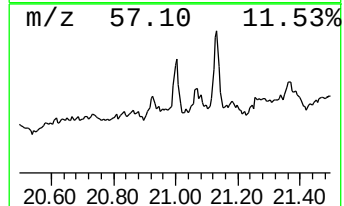
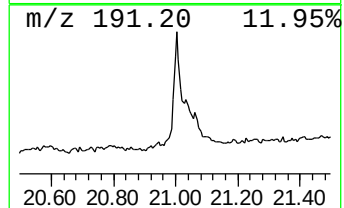
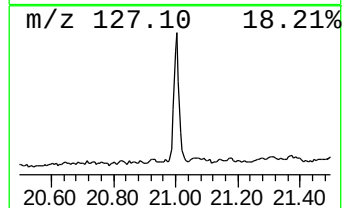
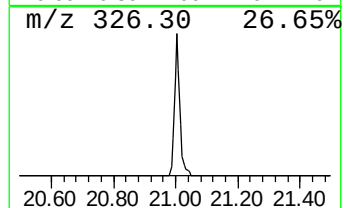
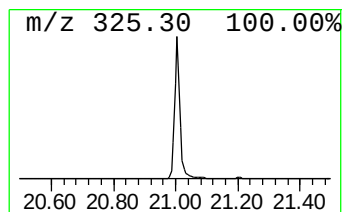
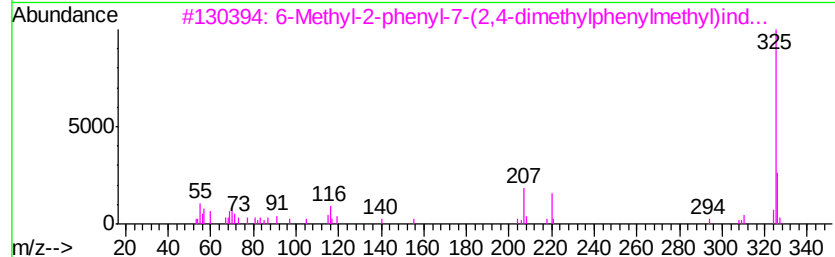
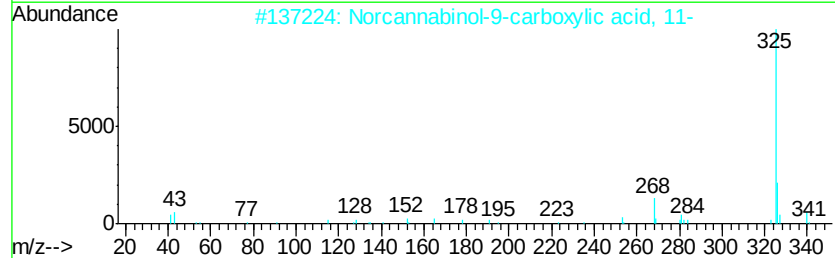
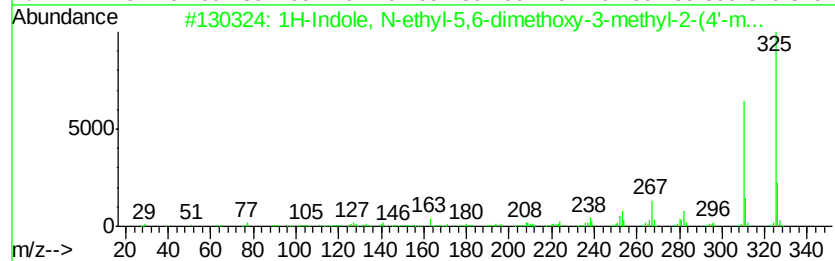
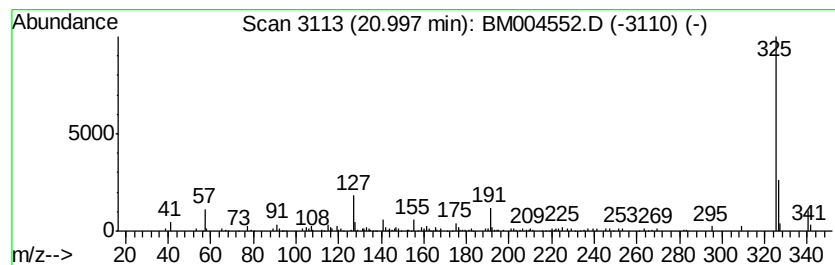
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Indole, N-ethyl-5,6-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	6.59 ng/ul	139144	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole, N-ethyl-5,6-dimethoxy...	325	C20H23NO3	156785-75-0	59
2		Norcannabinol-9-carboxylic acid,...	340	C21H24O4	053989-32-5	59
3		6-Methyl-2-phenyl-7-(2,4-dimethy...	325	C24H23N	064002-75-1	45
4		Phenol, 2,6-di(tert-butyl)-4-(2-...	325	C21H27NO2	1000294-07-4	42
5		Bis(pentamethylcyclopentadienyl)...	325	C20H30Mn	067506-86-9	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004552.D
Acq On : 04 Mar 2016 03:25
Operator : SJ/UM
Sample : H1616-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

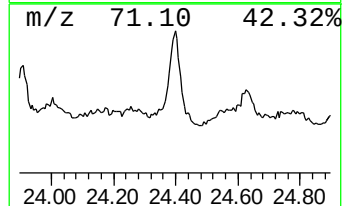
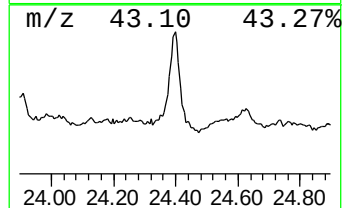
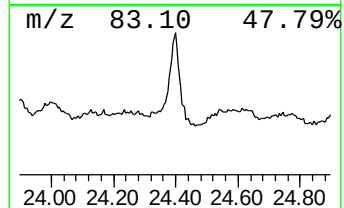
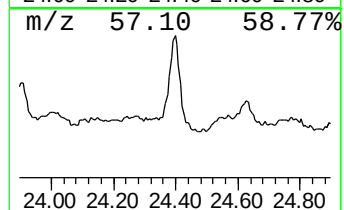
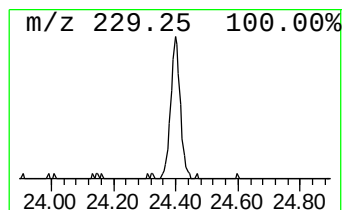
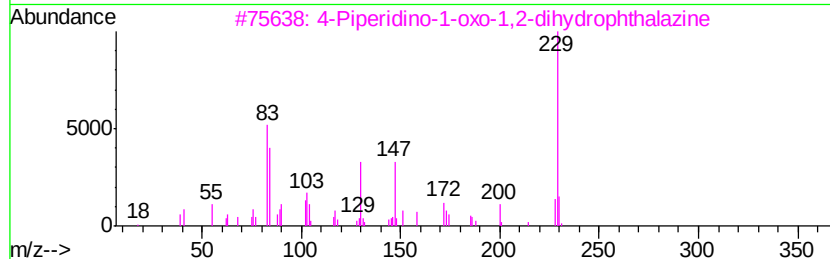
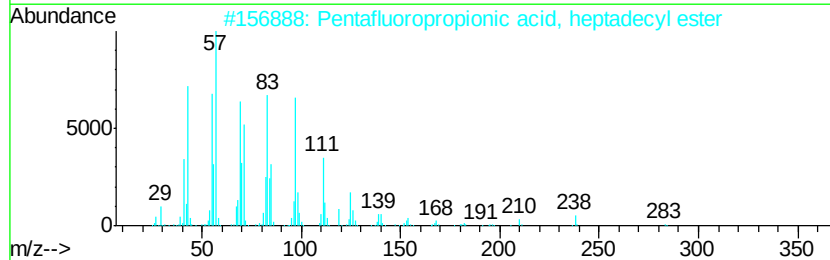
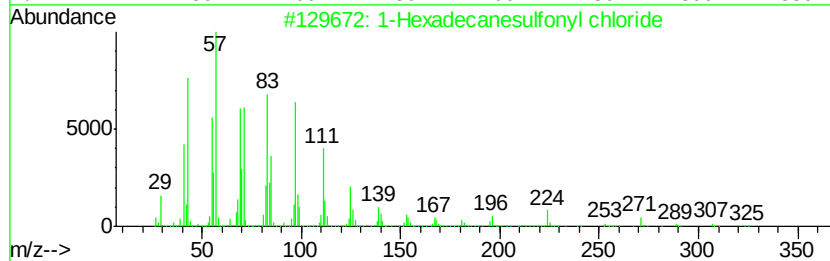
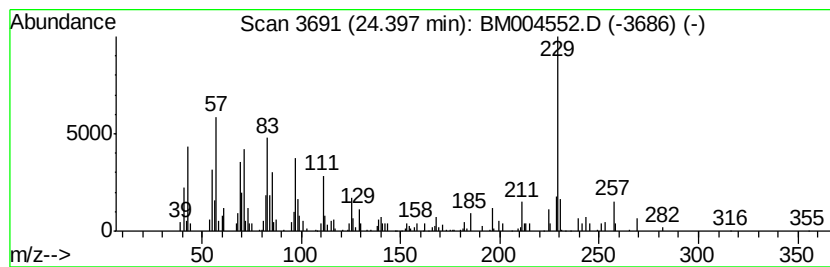
Instrument :
BNA_M
ClientSampleId :
P010-SS002-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Hexadecanesulfonyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.40	9.93 ng/ul	213936	Perylene-d12	23.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	55	
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	42	
3	4-Piperidino-1-oxo-1,2-dihydroph...	229	C13H15N3O	078755-15-4	38	
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	38	
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004552.D
Acq On : 04 Mar 2016 03:25
Operator : SJ/UM
Sample : H1616-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P010-SS002-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.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
unknown-01	13.61	5.8	ng/ul	163117	3	14.26	558925	20.0
Benzene, hexaethyl-	15.82	4.4	ng/ul	108203	4	17.02	494273	20.0
unknown-02	16.67	2.4	ng/ul	58231	4	17.02	494273	20.0
Phenol, 2-(1,1-di...	16.72	2.0	ng/ul	50308	4	17.02	494273	20.0
1H-Indole, N-ethy...	21.00	6.6	ng/ul	139144	5	21.23	422343	20.0
1-Hexadecanesulfo...	24.40	9.9	ng/ul	213936	6	23.44	430743	20.0