

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028462.D
 Acq On : 24 Aug 2017 16:09
 Operator : SJ/JU
 Sample : I4827-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AB7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.815	34	38	45	rBV2	14154	24517	2.45%	0.225%
2	4.243	108	111	115	rVB4	2116	2387	0.24%	0.022%
3	4.402	133	138	139	rBV4	1756	2546	0.25%	0.023%
4	4.561	158	165	170	rVB6	2682	6933	0.69%	0.064%
5	4.907	222	224	228	rBV2	2119	2902	0.29%	0.027%
6	5.089	251	255	258	rBV3	2335	2537	0.25%	0.023%
7	5.142	262	264	267	rBV3	2853	3276	0.33%	0.030%
8	5.184	267	271	273	rBV	2391	3345	0.33%	0.031%
9	5.448	311	316	325	rBV3	12360	21978	2.19%	0.202%
10	5.812	377	378	384	rBV	1720	2325	0.23%	0.021%
11	6.312	459	463	467	rVB4	1442	2427	0.24%	0.022%
12	6.406	477	479	486	rVB4	1563	3056	0.31%	0.028%
13	6.458	486	488	492	rBV3	2029	2211	0.22%	0.020%
14	6.699	524	529	531	rBV3	1496	2759	0.28%	0.025%
15	7.493	657	664	679	rBV	125616	240627	24.03%	2.209%
16	7.651	682	691	701	rVB	91087	156955	15.67%	1.441%
17	7.745	706	707	712	rVB3	1646	2508	0.25%	0.023%
18	7.874	721	729	743	rBV	126651	228271	22.79%	2.096%
19	8.068	758	762	767	rBV2	2201	4306	0.43%	0.040%
20	8.215	786	787	792	rVB2	1733	2509	0.25%	0.023%
21	8.256	792	794	801	rBV3	2289	3887	0.39%	0.036%
22	8.339	801	808	818	rVV	107755	192317	19.20%	1.766%
23	8.638	858	859	867	rVB2	1662	2746	0.27%	0.025%
24	8.691	867	868	873	rBV2	1805	2851	0.28%	0.026%
25	9.038	917	927	938	rVV	156778	301793	30.14%	2.771%
26	9.279	964	968	971	rBV3	1499	2375	0.24%	0.022%
27	9.508	999	1007	1019	rBV	119371	233412	23.31%	2.143%
28	9.948	1078	1082	1084	rBV2	1716	2475	0.25%	0.023%
29	10.007	1087	1092	1097	rBV3	1903	3052	0.30%	0.028%
30	10.231	1121	1130	1141	rBV2	104905	203841	20.36%	1.871%
31	10.342	1148	1149	1154	rVB3	2686	2381	0.24%	0.022%
32	10.389	1154	1157	1160	rBV2	1925	2765	0.28%	0.025%
33	10.777	1211	1223	1240	rBV2	159771	310757	31.03%	2.853%
34	10.988	1253	1259	1262	rBV3	1382	3312	0.33%	0.030%

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35	11.159	1280	1288	1296	rBV	151168	287191	28.68%	2.637%
36	11.288	1300	1310	1320	rBV2	133036	273257	27.29%	2.509%
37	11.417	1330	1332	1336	rVB	2019	2456	0.25%	0.023%
38	11.494	1341	1345	1348	rBV2	1584	2374	0.24%	0.022%
39	11.694	1374	1379	1382	rBV3	1886	2733	0.27%	0.025%
40	11.817	1396	1400	1402	rVB2	2072	3041	0.30%	0.028%
41	11.840	1402	1404	1410	rBV2	1780	3478	0.35%	0.032%
42	12.140	1451	1455	1464	rBV3	2324	5503	0.55%	0.051%
43	12.540	1517	1523	1526	rVB2	1645	3086	0.31%	0.028%
44	12.645	1530	1541	1547	rVV	16665	30580	3.05%	0.281%
45	12.722	1547	1554	1565	rVB	47600	87177	8.71%	0.800%
46	12.933	1583	1590	1591	rVB2	1599	3179	0.32%	0.029%
47	13.227	1637	1640	1643	rVB	2806	2265	0.23%	0.021%
48	13.280	1643	1649	1651	rBV3	1619	2874	0.29%	0.026%
49	13.298	1651	1652	1657	rVV2	1709	2528	0.25%	0.023%
50	13.345	1657	1660	1669	rVV2	1625	3851	0.38%	0.035%
51	13.609	1702	1705	1710	rVB2	1945	3420	0.34%	0.031%
52	13.644	1710	1711	1717	rBV2	2875	3827	0.38%	0.035%
53	13.879	1748	1751	1754	rVB2	1649	2557	0.26%	0.023%
54	13.914	1754	1757	1760	rBV2	1813	2364	0.24%	0.022%
55	14.337	1819	1829	1835	rBV	335389	497686	49.70%	4.569%
56	14.384	1835	1837	1845	rVB2	13928	16484	1.65%	0.151%
57	14.443	1845	1847	1851	rBV2	2007	2661	0.27%	0.024%
58	14.643	1868	1881	1892	rBV	333875	552394	55.16%	5.072%
59	14.808	1906	1909	1911	rBV3	2226	2347	0.23%	0.022%
60	14.949	1924	1933	1942	rBV2	252910	435727	43.51%	4.000%
61	15.019	1942	1945	1949	rVB2	1914	2503	0.25%	0.023%
62	15.148	1959	1967	1984	rBV2	95454	233285	23.30%	2.142%
63	15.360	2002	2003	2008	rVB2	3370	2752	0.27%	0.025%
64	15.407	2008	2011	2017	rVB7	2995	3164	0.32%	0.029%
65	15.612	2041	2046	2052	rVV4	2380	5799	0.58%	0.053%
66	15.701	2060	2061	2065	rVV2	2694	2750	0.27%	0.025%
67	15.742	2065	2068	2073	rVB4	3388	5375	0.54%	0.049%
68	15.883	2086	2092	2093	rBV2	1815	2420	0.24%	0.022%
69	15.936	2095	2101	2110	rVB	445235	701973	70.10%	6.445%
70	16.059	2114	2122	2133	rBV3	138412	234370	23.40%	2.152%
71	16.177	2138	2142	2149	rVB4	8847	11290	1.13%	0.104%

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72	16.294	2157	2162	2167	rBV3	2526	5774	0.58%	0.053%
73	16.435	2185	2186	2190	rVB	2597	2231	0.22%	0.020%
74	16.611	2213	2216	2223	rBV4	3064	5175	0.52%	0.048%
75	16.893	2260	2264	2267	rBV3	3140	4167	0.42%	0.038%
76	17.181	2312	2313	2317	rBV3	1858	2749	0.27%	0.025%
77	17.369	2339	2345	2346	rBV3	2072	3520	0.35%	0.032%
78	17.475	2358	2363	2364	rBV3	1946	2836	0.28%	0.026%
79	17.598	2379	2384	2385	rVB2	3267	4619	0.46%	0.042%
80	17.616	2385	2387	2389	rBV3	3487	4034	0.40%	0.037%
81	17.698	2393	2401	2410	rBV	396390	590075	58.92%	5.418%
82	17.798	2410	2418	2427	rVB	516271	810279	80.91%	7.439%
83	17.863	2428	2429	2435	rVB4	3186	4017	0.40%	0.037%
84	18.157	2473	2479	2482	rVB4	3642	6525	0.65%	0.060%
85	18.286	2498	2501	2502	rBV3	2716	2385	0.24%	0.022%
86	18.339	2507	2510	2512	rVB4	3692	3384	0.34%	0.031%
87	18.550	2544	2546	2549	rBV4	4103	4247	0.42%	0.039%
88	18.627	2556	2559	2561	rVB4	3236	4122	0.41%	0.038%
89	18.715	2571	2574	2578	rVB4	3807	6522	0.65%	0.060%
90	18.750	2578	2580	2582	rBV3	5086	5052	0.50%	0.046%
91	18.956	2613	2615	2617	rBV3	4754	4268	0.43%	0.039%
92	19.008	2622	2624	2626	rBV	4356	4370	0.44%	0.040%
93	19.396	2688	2690	2692	rBV3	4959	5134	0.51%	0.047%
94	19.708	2737	2743	2755	rBV2	126566	216239	21.59%	1.985%
95	19.943	2780	2783	2792	rVB10	15377	31498	3.15%	0.289%
96	20.072	2799	2805	2817	rBV	646850	978442	97.70%	8.983%
97	22.028	3131	3138	3155	rVB	420203	795423	79.43%	7.303%
98	25.295	3683	3694	3715	rVB2	292519	1001425	100.00%	9.194%
99	25.536	3718	3735	3746	rVB2	210385	817788	81.66%	7.508%
100	26.694	3929	3932	3944	rVB5	53925	138494	13.83%	1.272%

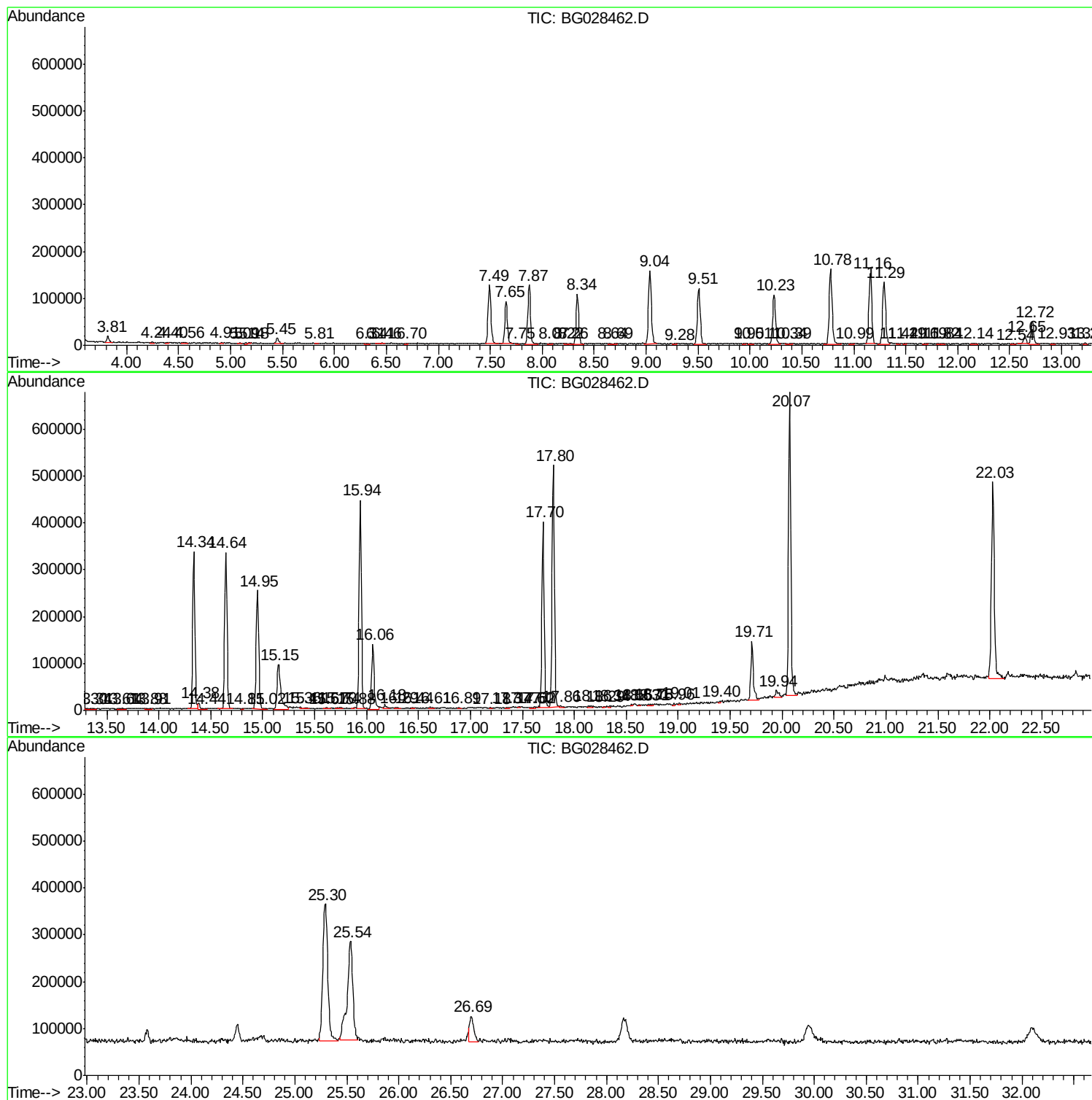
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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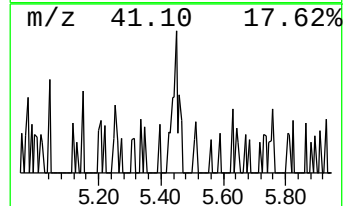
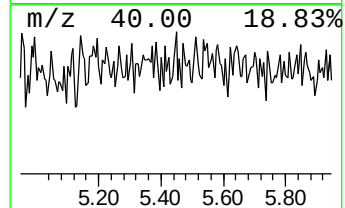
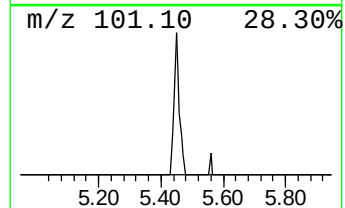
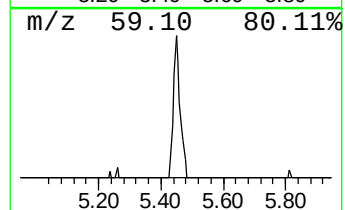
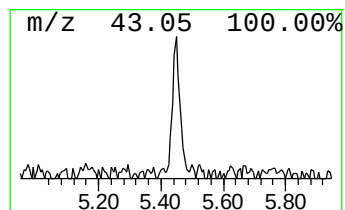
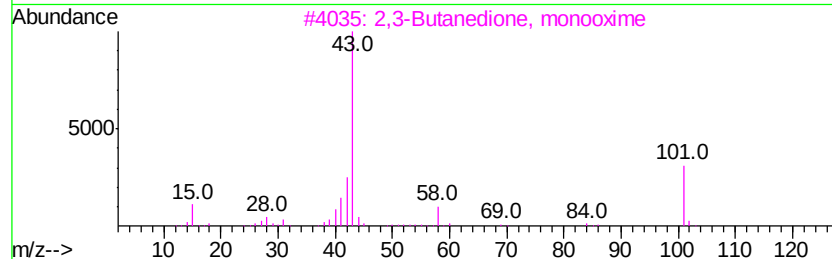
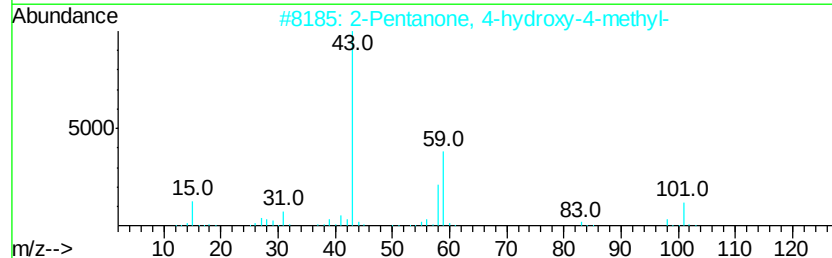
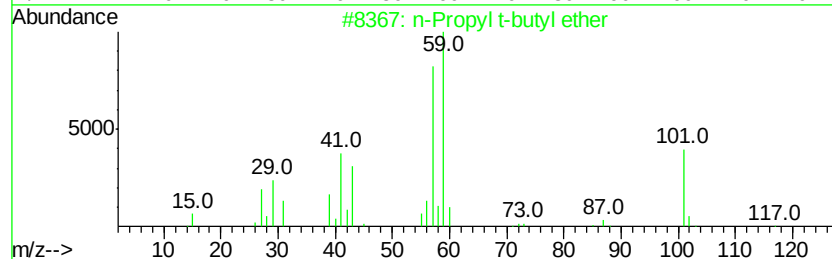
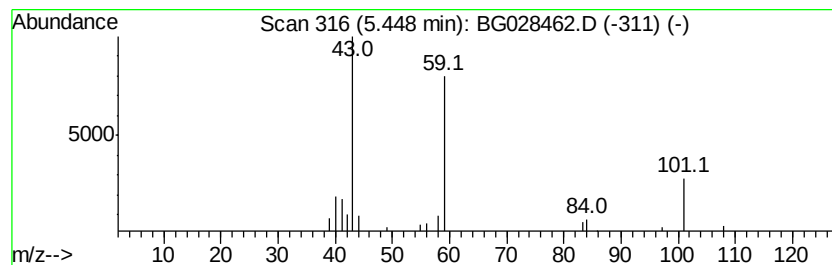
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	2.29 ng/ul	21978	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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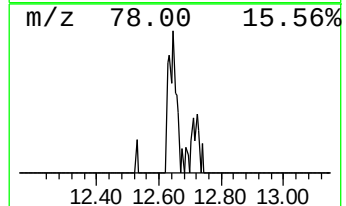
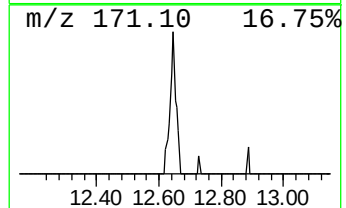
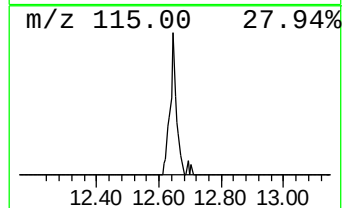
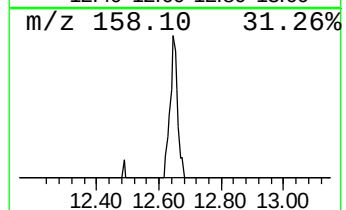
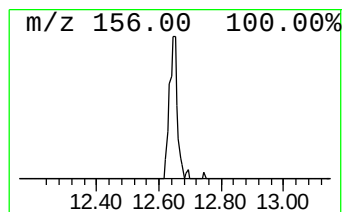
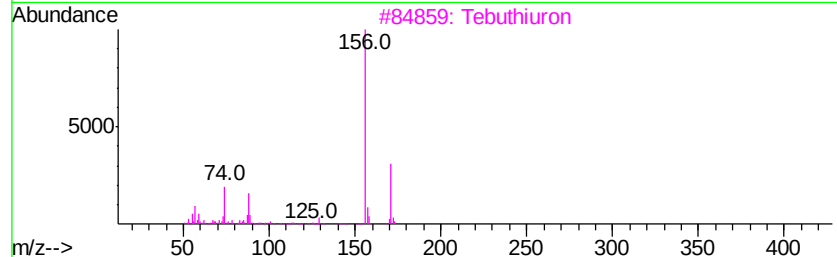
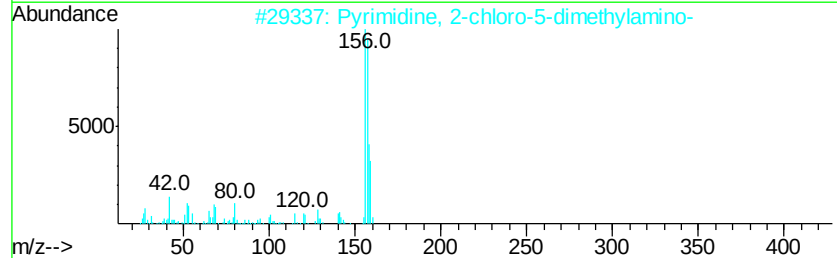
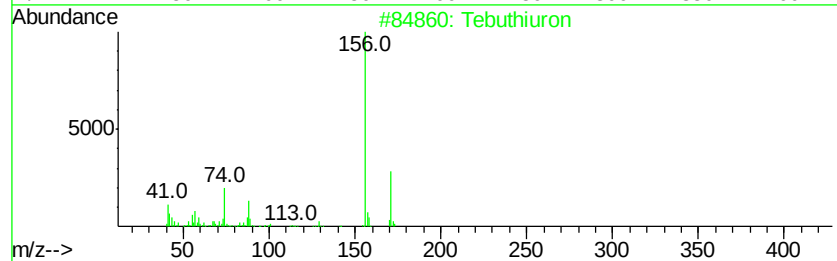
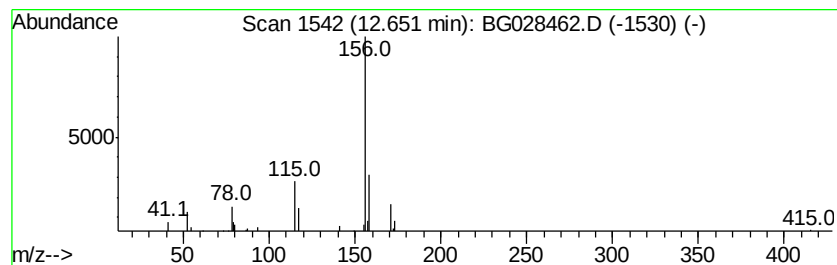
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.13 ng/ul	30580	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tebuthiuron	228 C9H16N4OS	034014-18-1 25
2		Pyrimidine, 2-chloro-5-dimethyla...	157 C6H8ClN3	062802-43-1 25
3		Tebuthiuron	228 C9H16N4OS	034014-18-1 25
4		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171 C12H13N	1000217-15-6 23
5		1,3-Diaza-5,6-dedihydrocyclohexa...	171 C6H9N3OS	021263-85-4 23



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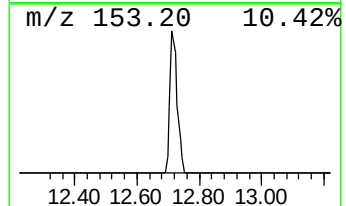
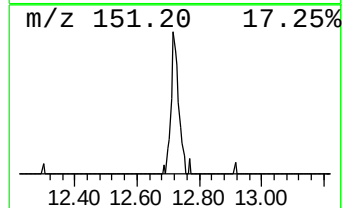
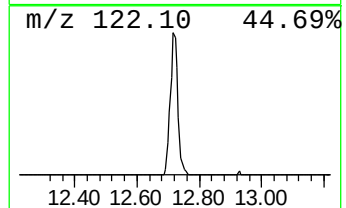
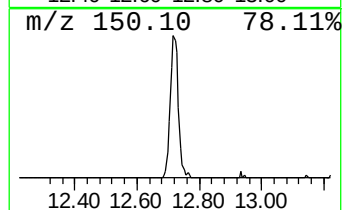
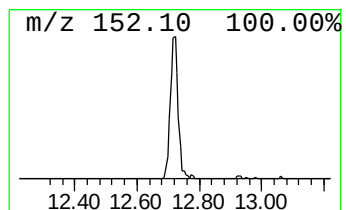
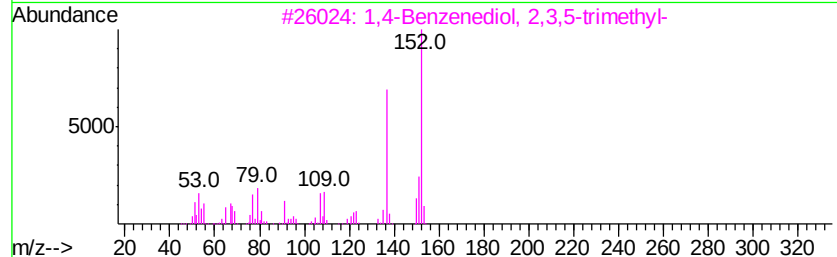
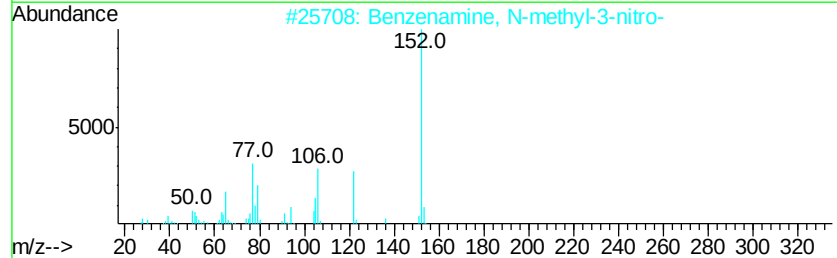
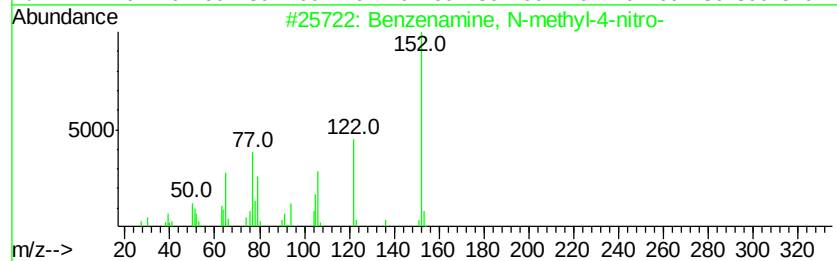
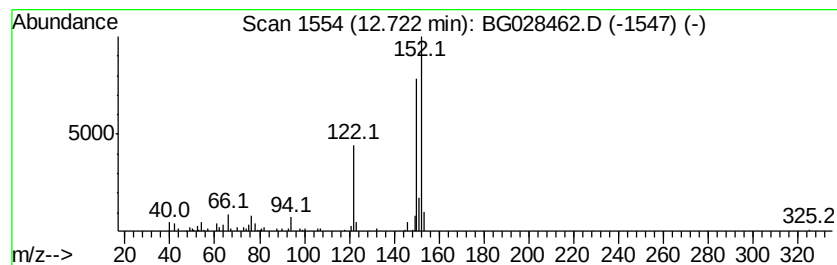
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Peak Number 3 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	6.07 ng/ul	87177	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, N-methyl-4-nitro-	152	C7H8N2O2	000100-15-2	43
2		Benzenamine, N-methyl-3-nitro-	152	C7H8N2O2	000619-26-1	35
3		1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	35
4		4-Hydroxybenzo[b]thiophene	150	C8H6OS	003610-02-4	32
5		Biphenylene	152	C12H8	000259-79-0	30



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB7

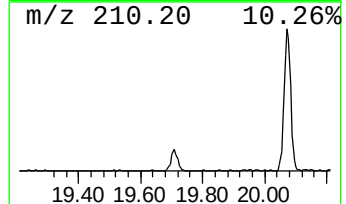
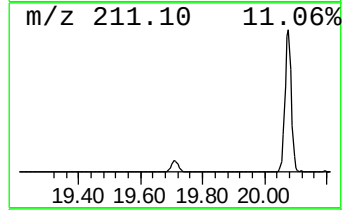
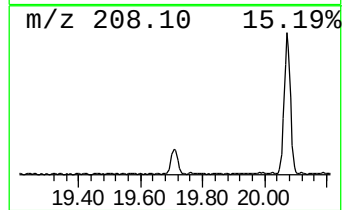
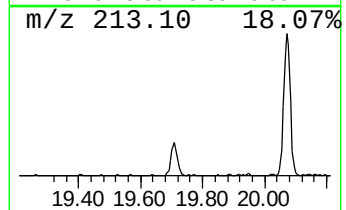
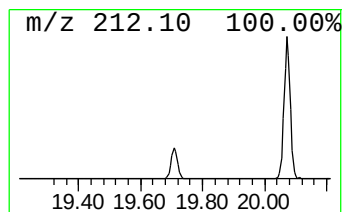
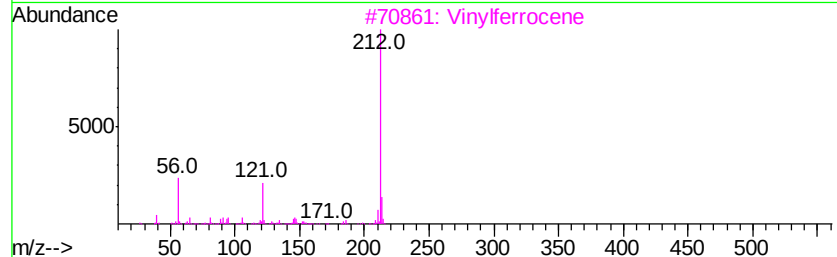
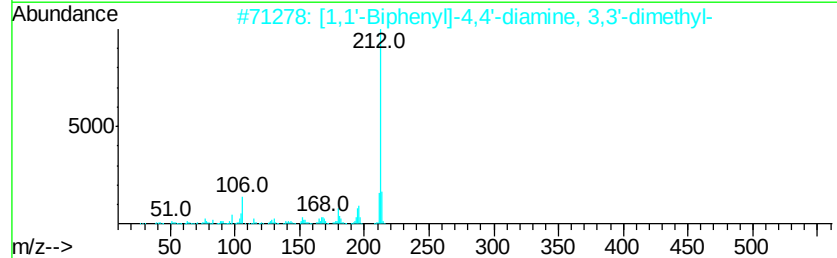
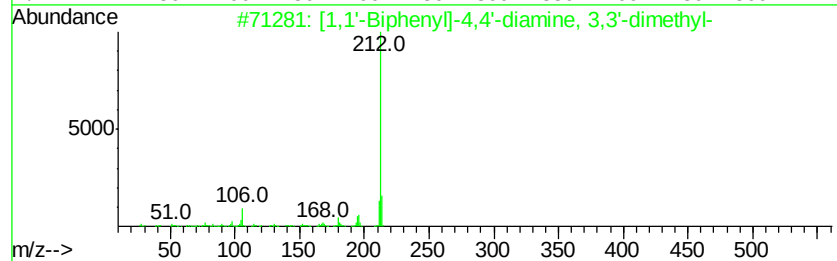
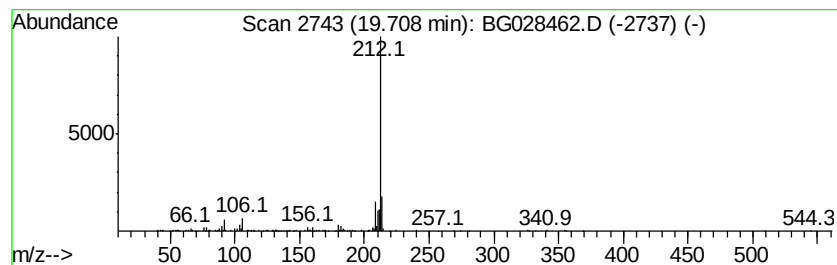
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	7.33 ng/ul	216239	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	64
2		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	64
3		Vinylferrocene	212	C12H12Fe	001271-51-8	64
4		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	64
5		9H-Pyrido(3,4-b)indole, 6-methox...	212	C13H12N2O	003589-72-8	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028462.D
Acq On : 24 Aug 2017 16:09
Operator : SJ/JU
Sample : I4827-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB7

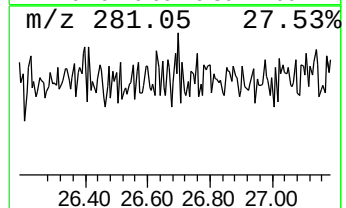
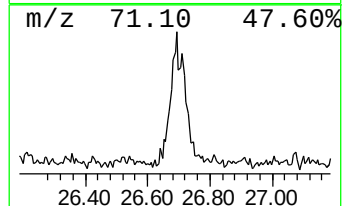
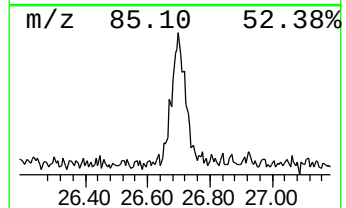
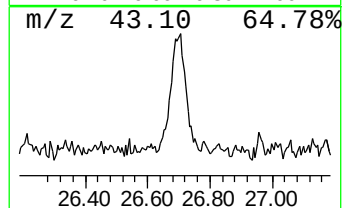
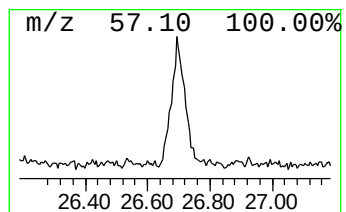
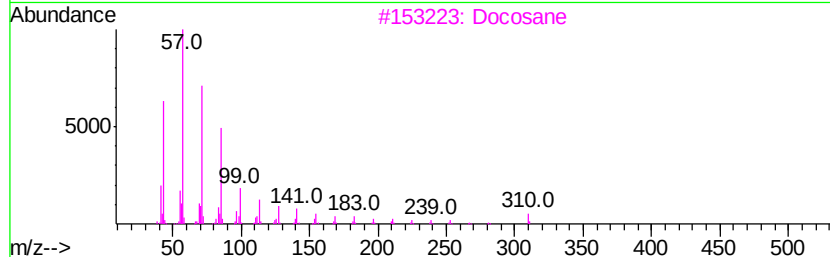
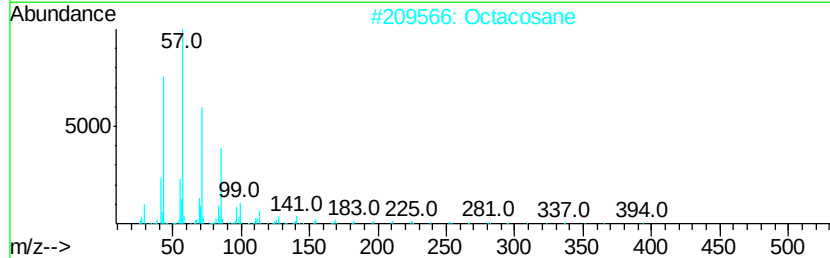
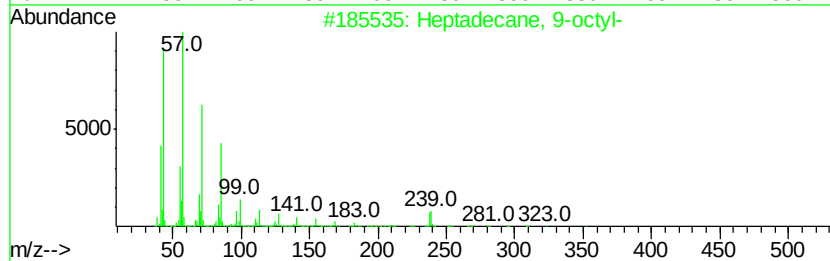
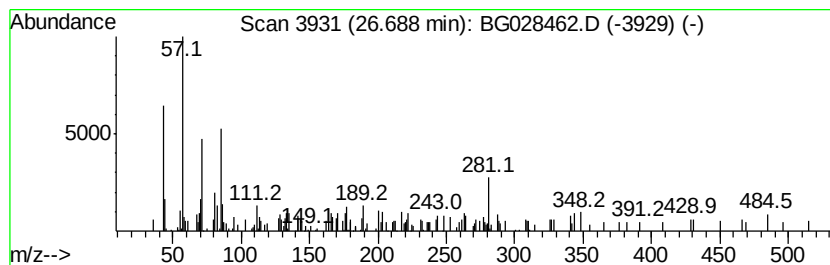
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	3.39 ng/ul	138494	Perylene-d12	25.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	50
2		Octacosane	394	C28H58	000630-02-4	50
3		Docosane	310	C22H46	000629-97-0	50
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	50
5		2-methyloctacosane	408	C29H60	1000376-72-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082417\
Data File : BG028462.D
Acq On : 24 Aug 2017 16:09
Operator : SJ/JU
Sample : I4827-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.45	2.3	ng/ul	21978	1	8.34	192317	20.0
unknown-02	12.65	2.1	ng/ul	30580	2	11.16	287191	20.0
unknown-03	12.72	6.1	ng/ul	87177	2	11.16	287191	20.0
[1,1'-Biphenyl]-4...	19.71	7.3	ng/ul	216239	4	17.70	590075	20.0
(DEL) Alkane: Str...	26.69	3.4	ng/ul	138494	6	25.53	817788	20.0