

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073117\
 Data File : BG028091.D
 Acq On : 1 Aug 2017 4:35
 Operator : SJ/JU
 Sample : I4504-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG9

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.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	3.854	40	45	50	rBV3	5216	8129	0.48%	0.061%
2	5.411	305	310	316	rVB3	1706	2970	0.18%	0.022%
3	6.410	475	480	494	rBV	18677	33564	1.99%	0.253%
4	7.508	662	667	675	rVB3	22880	41830	2.48%	0.316%
5	7.679	690	696	707	rVB	59581	104640	6.20%	0.790%
6	7.896	725	733	741	rBV	72554	132162	7.83%	0.998%
7	8.366	806	813	818	rBV	98787	192801	11.42%	1.456%
8	9.054	924	930	940	rBV2	64607	117716	6.97%	0.889%
9	9.195	947	954	958	rBB4	2735	5266	0.31%	0.040%
10	9.459	993	999	1004	rBV3	21196	36580	2.17%	0.276%
11	9.529	1004	1011	1018	rBV	92533	172156	10.20%	1.300%
12	10.258	1129	1135	1144	rVB	89609	161223	9.55%	1.217%
13	10.799	1220	1227	1238	rBV	132564	249130	14.75%	1.881%
14	11.075	1268	1274	1282	rBV3	8274	16025	0.95%	0.121%
15	11.186	1286	1293	1300	rBV	159812	298529	17.68%	2.254%
16	11.339	1312	1319	1321	rBV2	1356	2762	0.16%	0.021%
17	11.674	1371	1376	1382	rBV4	2979	5676	0.34%	0.043%
18	11.839	1399	1404	1414	rBB3	8654	16424	0.97%	0.124%
19	12.432	1500	1505	1517	rVB2	27122	47973	2.84%	0.362%
20	12.743	1554	1558	1563	rBB	2509	4117	0.24%	0.031%
21	13.319	1653	1656	1662	rBV2	3014	4218	0.25%	0.032%
22	13.566	1691	1698	1703	rBV2	8409	12320	0.73%	0.093%
23	13.842	1741	1745	1746	rBV2	1817	2270	0.13%	0.017%
24	13.883	1746	1752	1759	rVV3	37091	64448	3.82%	0.487%
25	14.359	1826	1833	1840	rBV	415389	622358	36.86%	4.699%
26	14.406	1840	1841	1847	rVV	2035	2413	0.14%	0.018%
27	14.477	1850	1853	1858	rVB2	2649	2820	0.17%	0.021%
28	14.665	1878	1885	1894	rBV	373019	612219	36.26%	4.622%
29	14.823	1908	1912	1919	rBB	1620	3236	0.19%	0.024%
30	14.970	1929	1937	1944	rBV2	333508	550177	32.58%	4.154%
31	15.029	1944	1947	1953	rVB2	4388	6013	0.36%	0.045%
32	15.164	1965	1970	1980	rBV4	16816	39724	2.35%	0.300%
33	15.628	2045	2049	2053	rBV3	6672	9949	0.59%	0.075%
34	15.734	2062	2067	2069	rBV2	6705	9703	0.57%	0.073%

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35	15.757	2069	2071	2076	rVB	10124	12835	0.76%	0.097%
36	15.957	2099	2105	2113	rBV	592000	957584	56.71%	7.229%
37	16.069	2118	2124	2134	rBV	206671	313891	18.59%	2.370%
38	16.204	2141	2147	2152	rBV	6170	9144	0.54%	0.069%
39	16.310	2163	2165	2171	rVB3	3160	3772	0.22%	0.028%
40	16.921	2264	2269	2271	rBV2	1417	2024	0.12%	0.015%
41	17.291	2329	2332	2337	rVB	2325	2287	0.14%	0.017%
42	17.361	2340	2344	2347	rBV	3388	3597	0.21%	0.027%
43	17.508	2365	2369	2373	rVB2	2116	3044	0.18%	0.023%
44	17.720	2398	2405	2415	rBV2	548556	838905	49.68%	6.333%
45	17.820	2415	2422	2431	rBV2	789686	1236451	73.23%	9.335%
46	17.978	2444	2449	2453	rVB3	1947	3061	0.18%	0.023%
47	18.366	2510	2515	2521	rBV	165192	220471	13.06%	1.664%
48	18.531	2539	2543	2547	rBV	1503	2680	0.16%	0.020%
49	18.584	2550	2552	2558	rVV	1503	2369	0.14%	0.018%
50	18.654	2558	2564	2568	rVB	5188	7319	0.43%	0.055%
51	18.842	2592	2596	2601	rVB3	2725	3585	0.21%	0.027%
52	19.412	2688	2693	2698	rBV3	1030	2524	0.15%	0.019%
53	19.653	2730	2734	2739	rBV5	1591	3375	0.20%	0.025%
54	19.723	2742	2746	2753	rVB2	8870	14548	0.86%	0.110%
55	19.982	2785	2790	2794	rBV	7109	10340	0.61%	0.078%
56	20.094	2802	2809	2816	rBV	1138494	1645213	97.44%	12.421%
57	20.146	2816	2818	2821	rVV2	1985	2362	0.14%	0.018%
58	20.299	2842	2844	2849	rVV2	4287	5069	0.30%	0.038%
59	21.433	3029	3037	3039	rBV7	4683	9394	0.56%	0.071%
60	21.886	3111	3114	3118	rBV4	2591	3931	0.23%	0.030%
61	22.056	3134	3143	3152	rVV	631016	1153761	68.33%	8.710%
62	22.597	3233	3235	3239	rBV4	1785	2601	0.15%	0.020%
63	22.638	3241	3242	3247	rBV3	2482	3267	0.19%	0.025%
64	22.867	3276	3281	3283	rBV4	4074	5247	0.31%	0.040%
65	23.108	3320	3322	3325	rBV4	1827	2256	0.13%	0.017%
66	23.196	3333	3337	3340	rVB2	2129	2502	0.15%	0.019%
67	23.619	3403	3409	3413	rVB4	9139	17375	1.03%	0.131%
68	24.406	3539	3543	3547	rBV5	1689	3312	0.20%	0.025%
69	24.453	3547	3551	3552	rVV4	1597	2125	0.13%	0.016%
70	24.488	3552	3557	3565	rVB6	15039	28891	1.71%	0.218%
71	24.600	3573	3576	3577	rVB3	2689	2181	0.13%	0.016%

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72	24.723	3592	3597	3598	rBV3	2971	3713	0.22%	0.028%
73	24.759	3600	3603	3604	rBV3	2646	2599	0.15%	0.020%
74	24.776	3604	3606	3608	rVV2	2465	2080	0.12%	0.016%
75	24.876	3622	3623	3629	rVB3	2642	3340	0.20%	0.025%
76	25.323	3682	3699	3715	rBV2	560316	1688482	100.00%	12.747%
77	25.570	3724	3741	3753	rBV	375240	1208223	71.56%	9.121%
78	26.163	3841	3842	3846	rVB4	3289	2075	0.12%	0.016%
79	26.521	3901	3903	3905	rBV2	2278	2183	0.13%	0.016%
80	26.756	3936	3943	3953	rVB5	18145	49935	2.96%	0.377%
81	27.103	3996	4002	4004	rBV6	4061	7766	0.46%	0.059%
82	27.538	4073	4076	4077	rBV2	2790	2582	0.15%	0.019%
83	27.920	4137	4141	4144	rBV5	1542	2177	0.13%	0.016%
84	28.049	4161	4163	4167	rBV4	3468	3107	0.18%	0.023%
85	28.237	4185	4195	4198	rBV5	15141	36132	2.14%	0.273%
86	29.030	4328	4330	4334	rVB3	1843	2436	0.14%	0.018%
87	29.612	4428	4429	4432	rBV2	2097	2469	0.15%	0.019%
88	29.911	4478	4480	4483	rVV3	2664	2252	0.13%	0.017%
89	29.970	4487	4490	4491	rVV3	2762	2788	0.17%	0.021%
90	30.029	4492	4500	4509	rVV9	11498	43590	2.58%	0.329%
91	30.094	4509	4511	4514	rVB4	2702	2834	0.17%	0.021%
92	30.258	4535	4539	4541	rBV5	1437	2342	0.14%	0.018%
93	30.358	4554	4556	4558	rVV2	2310	2019	0.12%	0.015%
94	30.793	4628	4630	4633	rVV3	1878	2057	0.12%	0.016%
95	31.104	4681	4683	4687	rBV4	1651	2843	0.17%	0.021%
96	31.280	4710	4713	4714	rBV3	2162	2315	0.14%	0.017%
97	31.980	4829	4832	4834	rBV4	1842	2376	0.14%	0.018%
98	32.085	4846	4850	4851	rBV4	2317	2499	0.15%	0.019%
99	32.191	4857	4868	4870	rBV9	8288	21544	1.28%	0.163%
100	32.215	4870	4872	4873	rVB2	3399	2290	0.14%	0.017%

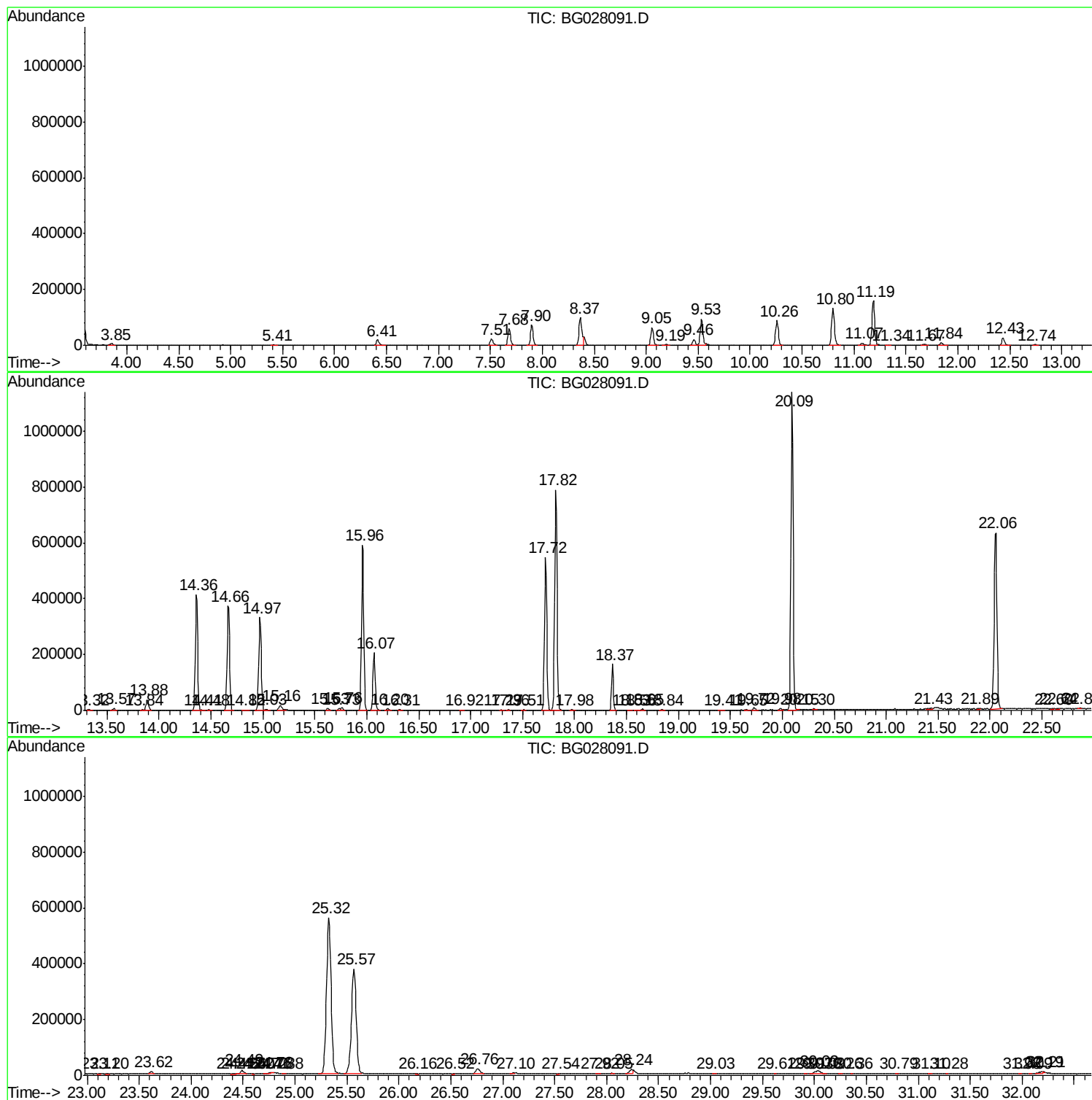
Sum of corrected areas: 13245882

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION

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



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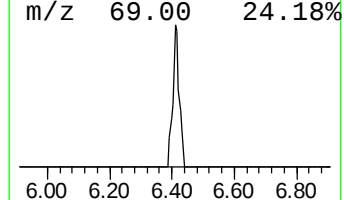
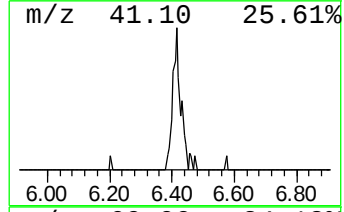
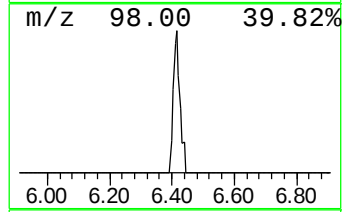
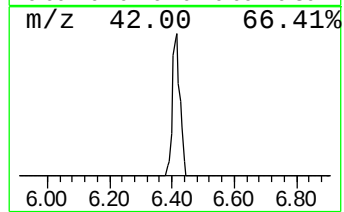
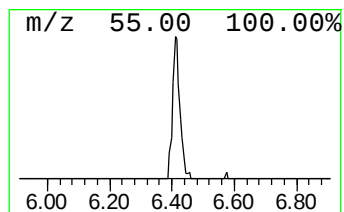
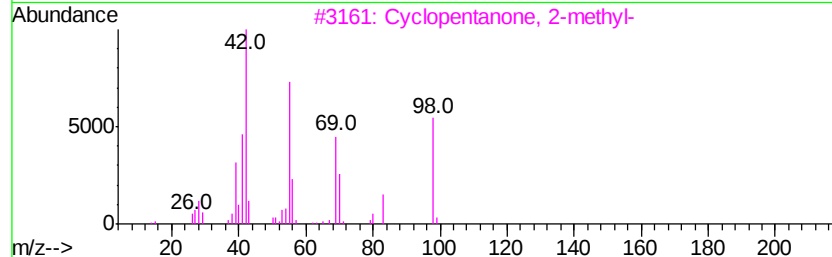
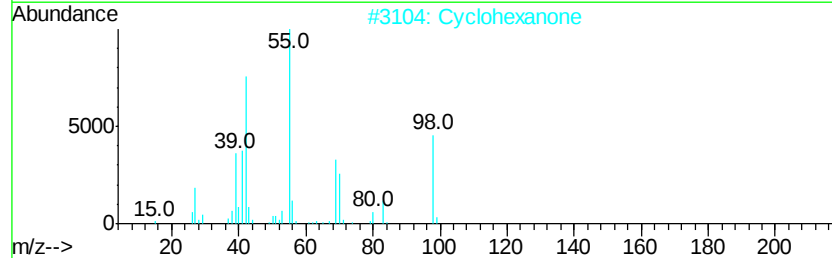
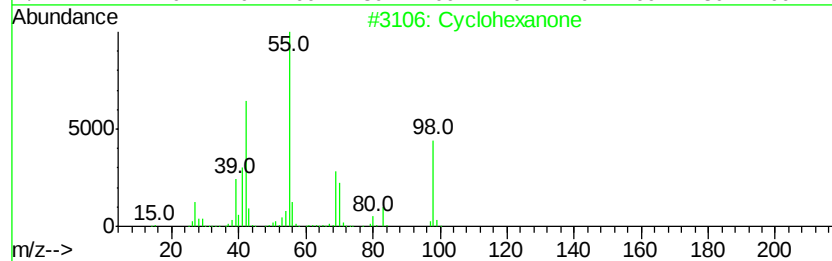
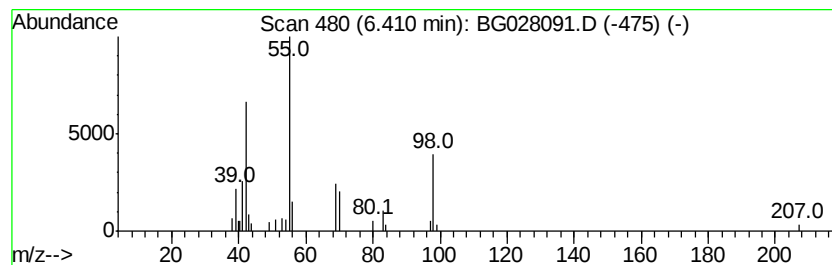
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclohexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	3.48 ng/ul	33564	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone	98	C6H10O	000108-94-1	90
2		Cyclohexanone	98	C6H10O	000108-94-1	90
3		Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87
4		Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87
5		Cyclohexanone	98	C6H10O	000108-94-1	86



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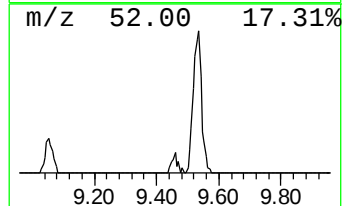
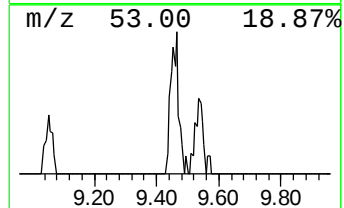
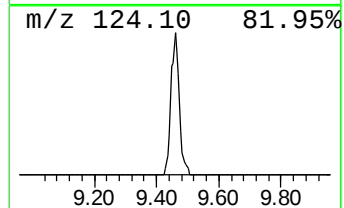
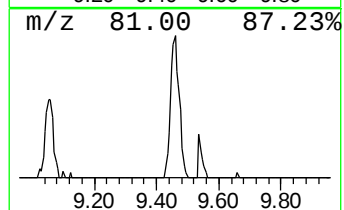
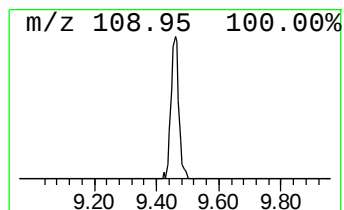
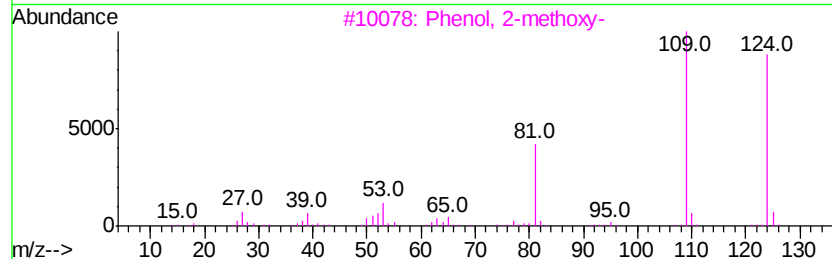
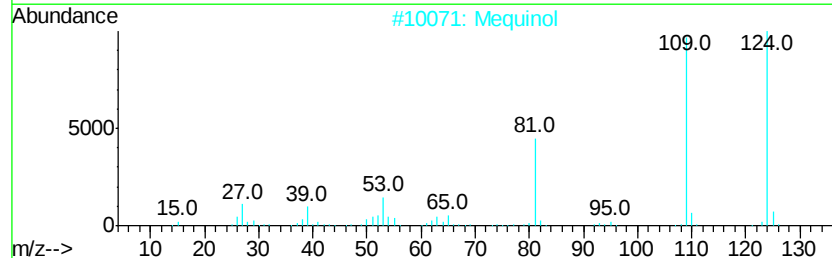
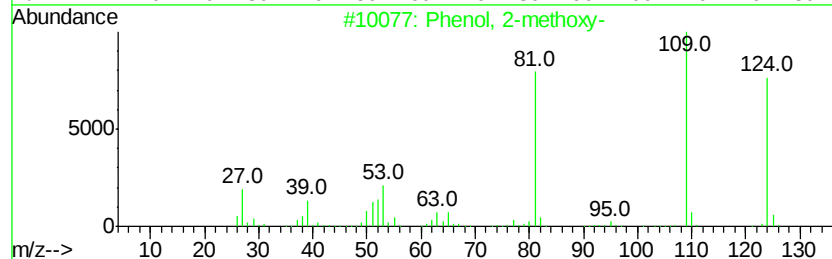
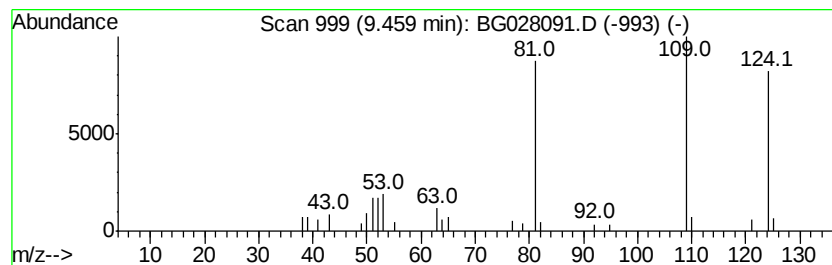
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	3.79 ng/ul	36580	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
2		Mequinol	124	C7H8O2	000150-76-5	90
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
4		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
5		2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	86



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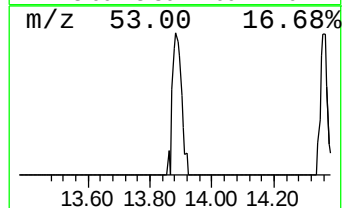
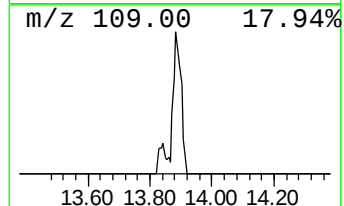
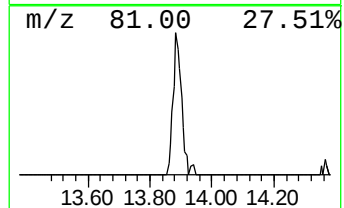
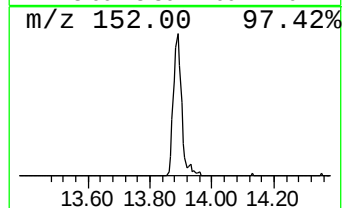
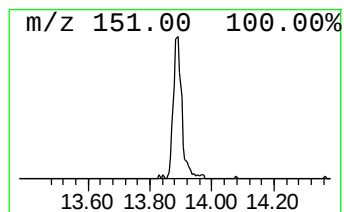
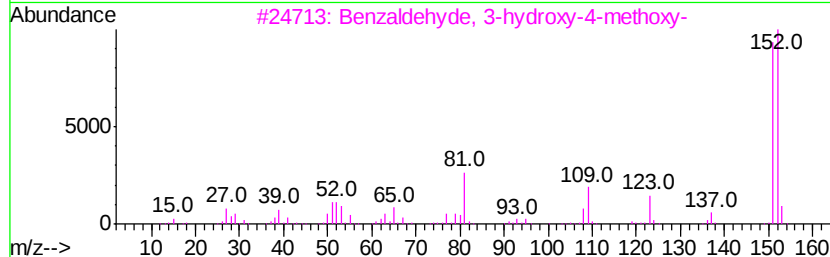
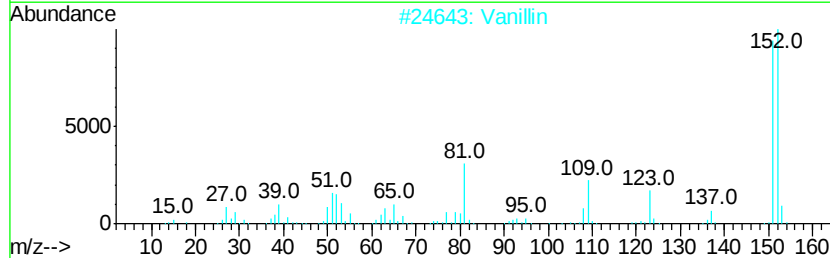
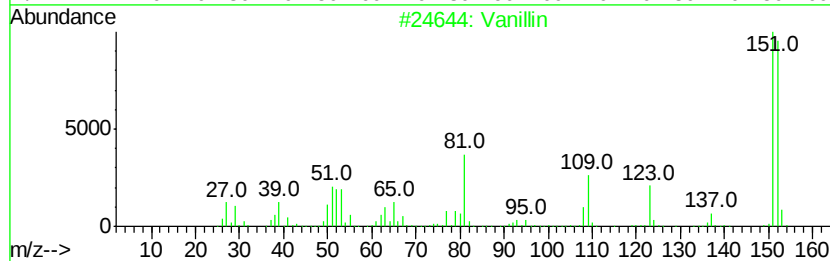
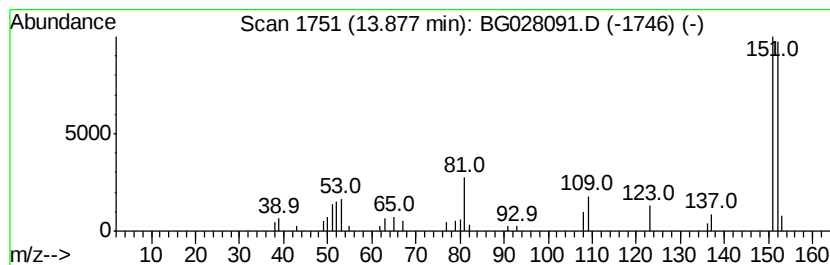
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Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.34 ng/ul	64448	Acenaphthene-d10	14.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	94
2	Vanillin		152	C8H8O3	000121-33-5	93
3	Benzaldehyd, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	91
4	Vanillin		152	C8H8O3	000121-33-5	90
5	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG073117\
Data File : BG028091.D
Acq On : 1 Aug 2017 4:35
Operator : SJ/JU
Sample : I4504-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
C0AG9

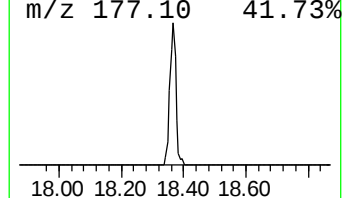
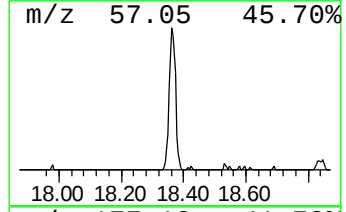
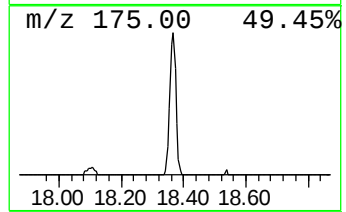
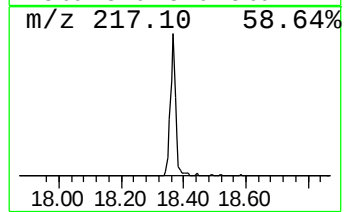
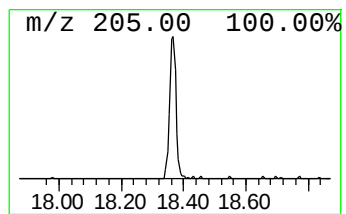
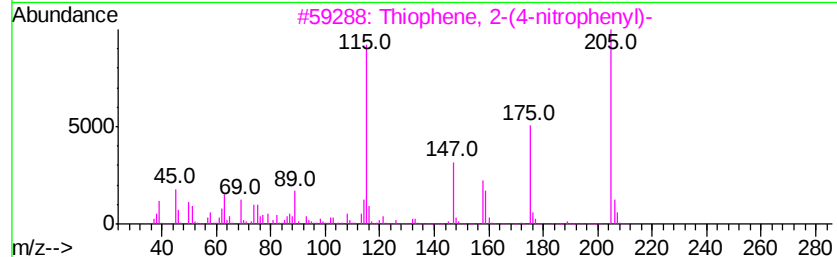
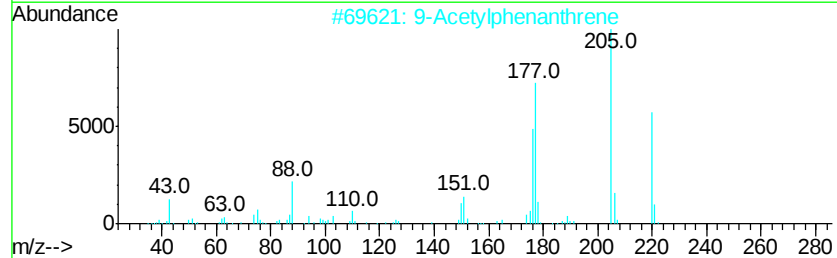
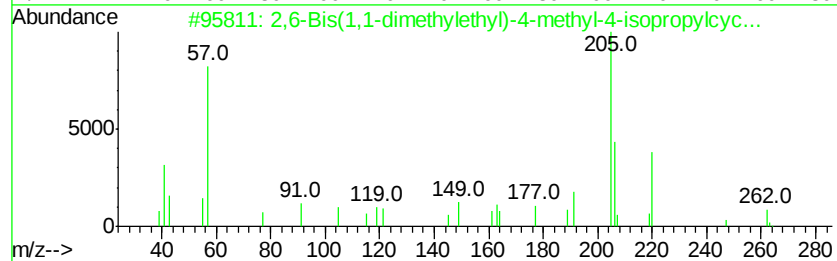
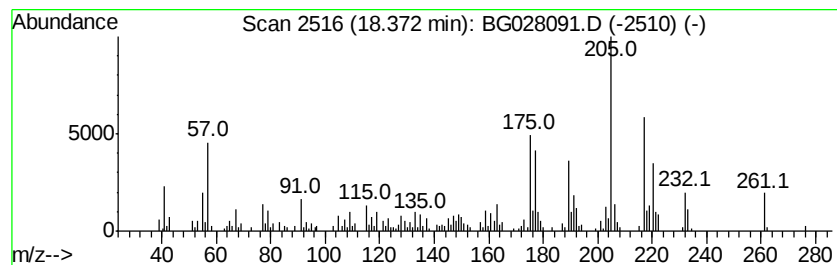
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.26 ng/ul	220471	Phenanthrene-d10	17.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H300	004278-82-4	30		
2	9-Acetylphenanthrene	220	C16H120	002039-77-2	30		
3	Thiophene, 2-(4-nitrophenyl)-	205	C10H7N02S	059156-21-7	25		
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	25		
5	Phenol, 2,6-bis(1,1-dimethylethy...	277	C17H27N02	001918-11-2	25		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073117\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.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
Cyclohexanone	6.41	3.5	ng/ul	33564	1	8.36	192801	20.0
Phenol, 2-methoxy-	9.46	3.8	ng/ul	36580	1	8.36	192801	20.0
Vanillin	13.88	2.3	ng/ul	64448	3	14.97	550177	20.0
unknown01	18.37	5.3	ng/ul	220471	4	17.72	838905	20.0