

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
 Data File : BG027954.D
 Acq On : 17 Jul 2017 18:21
 Operator : SJ/JU
 Sample : I4183-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

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-BG071717.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	3.867	42	47	59	rVB3	8913	18342	0.91%	0.102%
2	4.584	164	169	172	rBV4	2662	3351	0.17%	0.019%
3	4.943	225	230	236	rBV5	3904	5368	0.27%	0.030%
4	5.418	306	311	323	rVB6	2350	5400	0.27%	0.030%
5	5.871	382	388	391	rBV5	3767	6460	0.32%	0.036%
6	5.918	391	396	401	rVB4	1818	4095	0.20%	0.023%
7	6.423	468	482	499	rVB2	72318	139111	6.94%	0.776%
8	7.457	650	658	662	rVV6	4391	8906	0.44%	0.050%
9	7.516	662	668	679	rVB	52822	95774	4.78%	0.534%
10	7.686	687	697	709	rVB	144697	251167	12.52%	1.402%
11	7.904	727	734	746	rVV	162916	291310	14.52%	1.626%
12	8.374	804	814	831	rBV2	165833	375731	18.73%	2.097%
13	8.961	906	914	915	rBV2	2897	3673	0.18%	0.020%
14	8.979	915	917	924	rVV2	2513	4365	0.22%	0.024%
15	9.061	924	931	942	rVV	132974	245655	12.25%	1.371%
16	9.191	949	953	960	rVB4	5361	10761	0.54%	0.060%
17	9.467	991	1000	1005	rBV	48601	83565	4.17%	0.466%
18	9.537	1005	1012	1030	rVV	204595	399749	19.93%	2.231%
19	9.678	1030	1036	1045	rVB5	4651	9544	0.48%	0.053%
20	9.907	1068	1075	1080	rVB3	5981	10516	0.52%	0.059%
21	10.266	1127	1136	1148	rVB	178359	340827	16.99%	1.902%
22	10.806	1220	1228	1238	rBV	250924	490087	24.44%	2.735%
23	11.082	1267	1275	1286	rVB	18388	37753	1.88%	0.211%
24	11.194	1286	1294	1310	rVB	232065	446412	22.26%	2.491%
25	11.676	1369	1376	1386	rBV5	3748	9554	0.48%	0.053%
26	11.840	1398	1404	1413	rVB2	5853	11235	0.56%	0.063%
27	11.970	1418	1426	1433	rBV5	3520	8933	0.45%	0.050%
28	12.328	1480	1487	1492	rBV2	2326	3879	0.19%	0.022%
29	12.393	1492	1498	1501	rVV	9220	13248	0.66%	0.074%
30	12.440	1501	1506	1522	rVB	54111	104165	5.19%	0.581%
31	12.757	1551	1560	1565	rVB3	4504	8154	0.41%	0.046%
32	13.051	1603	1610	1615	rVB2	1872	4393	0.22%	0.025%
33	13.245	1639	1643	1647	rBV2	1906	3283	0.16%	0.018%
34	13.327	1653	1657	1665	rBV4	7608	13463	0.67%	0.075%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
 Data File : BG027954.D
 Acq On : 17 Jul 2017 18:21
 Operator : SJ/JU
 Sample : I4183-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

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-BG071717.M
 Title : SVOA CALIBRATION

35	13.433	1668	1675	1681	rVB2	1249	3305	0.16%	0.018%
36	13.568	1693	1698	1708	rVB2	13085	22277	1.11%	0.124%
37	13.891	1746	1753	1767	rVB2	51951	93093	4.64%	0.520%
38	14.367	1821	1834	1846	rBV	637881	950434	47.39%	5.304%
39	14.484	1850	1854	1858	rVB2	2401	3159	0.16%	0.018%
40	14.672	1877	1886	1899	rBV	633968	1015585	50.64%	5.668%
41	14.819	1905	1911	1919	rVB5	3479	7116	0.35%	0.040%
42	14.978	1929	1938	1945	rBV2	389305	666776	33.25%	3.721%
43	15.031	1945	1947	1955	rVB6	8499	12630	0.63%	0.070%
44	15.178	1966	1972	1995	rBV5	16002	53249	2.65%	0.297%
45	15.630	2041	2049	2059	rBV	14296	25670	1.28%	0.143%
46	15.736	2061	2067	2070	rBV2	8543	11213	0.56%	0.063%
47	15.765	2070	2072	2078	rVB	7111	8270	0.41%	0.046%
48	15.965	2098	2106	2116	rVV	911944	1432603	71.43%	7.995%
49	16.071	2116	2124	2142	rVV	263318	424831	21.18%	2.371%
50	16.200	2142	2146	2154	rVB3	10016	15309	0.76%	0.085%
51	16.323	2157	2167	2171	rBV4	3494	7694	0.38%	0.043%
52	17.293	2329	2332	2339	rVB3	3989	5755	0.29%	0.032%
53	17.504	2360	2368	2374	rBV3	2288	4992	0.25%	0.028%
54	17.722	2397	2405	2414	rBV2	570299	885002	44.13%	4.939%
55	17.822	2414	2422	2441	rVV2	1060182	1644594	82.00%	9.178%
56	17.974	2441	2448	2454	rVB2	4419	6962	0.35%	0.039%
57	18.368	2503	2515	2522	rBV2	246492	321542	16.03%	1.794%
58	18.538	2537	2544	2548	rBV3	2873	4608	0.23%	0.026%
59	18.656	2558	2564	2569	rVV	5631	7941	0.40%	0.044%
60	18.838	2592	2595	2604	rBV4	7230	9167	0.46%	0.051%
61	19.725	2738	2746	2753	rBV	10963	18265	0.91%	0.102%
62	19.984	2783	2790	2795	rBV2	9602	14734	0.73%	0.082%
63	20.095	2801	2809	2822	rBV	1355469	2005642	100.00%	11.193%
64	20.665	2905	2906	2912	rVB4	2625	4440	0.22%	0.025%
65	21.435	3033	3037	3039	rBV4	5553	7047	0.35%	0.039%
66	21.506	3039	3049	3051	rVV8	4320	12086	0.60%	0.067%
67	21.899	3112	3116	3118	rVB4	2252	3173	0.16%	0.018%
68	22.052	3134	3142	3158	rBV	628672	1125968	56.14%	6.284%
69	22.211	3166	3169	3176	rVB7	3830	7266	0.36%	0.041%
70	22.393	3196	3200	3203	rBV7	2652	3432	0.17%	0.019%
71	22.863	3274	3280	3285	rVB8	5317	10817	0.54%	0.060%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
 Data File : BG027954.D
 Acq On : 17 Jul 2017 18:21
 Operator : SJ/JU
 Sample : I4183-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

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-BG071717.M
 Title : SVOA CALIBRATION

72	23.033	3305	3309	3315	rBV6	3520	7351	0.37%	0.041%
73	23.215	3338	3340	3345	rVB5	2605	4431	0.22%	0.025%
74	23.427	3373	3376	3379	rBV5	2299	3274	0.16%	0.018%
75	23.621	3401	3409	3415	rBV8	18463	37164	1.85%	0.207%
76	24.496	3549	3558	3569	rVB5	16171	42718	2.13%	0.238%
77	24.766	3603	3604	3607	rBV3	2889	3161	0.16%	0.018%
78	24.802	3607	3610	3612	rVV3	3893	3349	0.17%	0.019%
79	25.330	3687	3700	3720	rBV2	645080	2002637	99.85%	11.176%
80	25.571	3726	3741	3756	rVB	343990	1117871	55.74%	6.239%
81	26.553	3903	3908	3910	rBV6	2400	3592	0.18%	0.020%
82	26.770	3937	3945	3958	rVB5	24792	80442	4.01%	0.449%
83	27.111	4000	4003	4013	rBV9	4529	7895	0.39%	0.044%
84	27.622	4085	4090	4093	rVB5	3189	5467	0.27%	0.031%
85	27.651	4094	4095	4104	rVV6	2039	4421	0.22%	0.025%
86	27.927	4140	4142	4147	rBV6	2425	3292	0.16%	0.018%
87	28.245	4184	4196	4210	rBV6	24062	97814	4.88%	0.546%
88	28.726	4272	4278	4281	rBV6	2266	4451	0.22%	0.025%
89	28.826	4293	4295	4301	rVB6	2819	4707	0.23%	0.026%
90	29.226	4359	4363	4366	rBV4	2533	3473	0.17%	0.019%
91	29.473	4398	4405	4409	rBV8	2480	5003	0.25%	0.028%
92	30.054	4490	4504	4517	rVB8	16948	75960	3.79%	0.424%
93	30.201	4527	4529	4532	rBV3	3434	3699	0.18%	0.021%
94	30.712	4612	4616	4619	rBV5	3303	5308	0.26%	0.030%
95	31.318	4713	4719	4720	rBV5	2335	4162	0.21%	0.023%
96	31.347	4721	4724	4728	rVB4	3584	5454	0.27%	0.030%
97	31.382	4728	4730	4733	rBV4	3425	3637	0.18%	0.020%
98	31.511	4748	4752	4755	rBV5	2778	4037	0.20%	0.023%
99	32.140	4857	4859	4861	rBV3	4262	3372	0.17%	0.019%
100	32.228	4862	4874	4882	rVB10	11861	45621	2.27%	0.255%

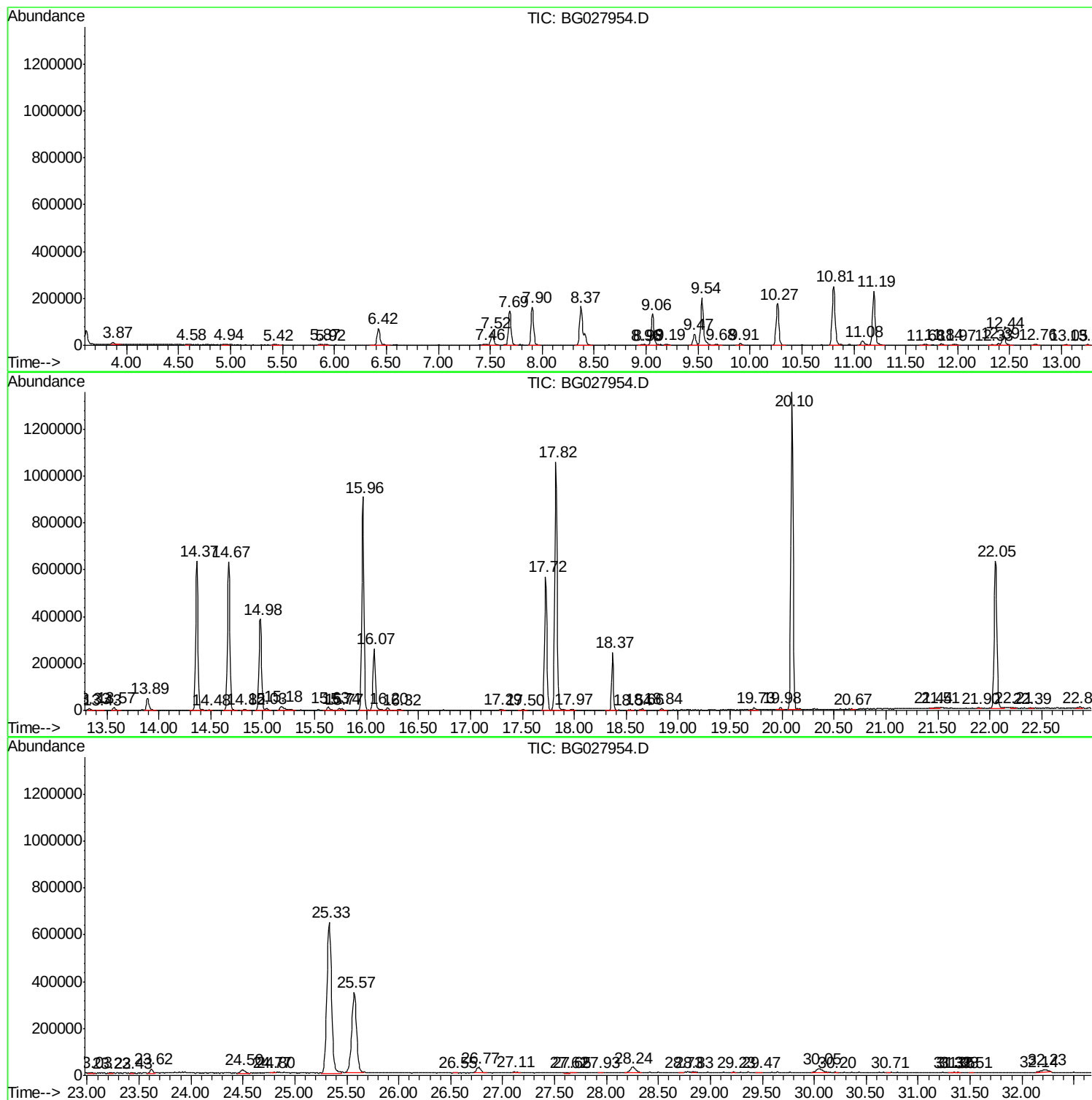
Sum of corrected areas: 17918639

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027954.D
Acq On : 17 Jul 2017 18:21
Operator : SJ/JU
Sample : I4183-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027954.D
Acq On : 17 Jul 2017 18:21
Operator : SJ/JU
Sample : I4183-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

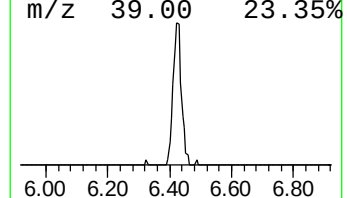
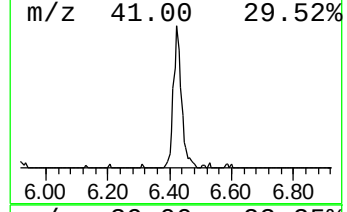
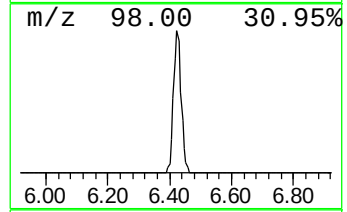
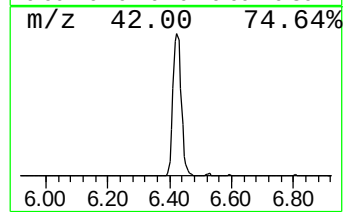
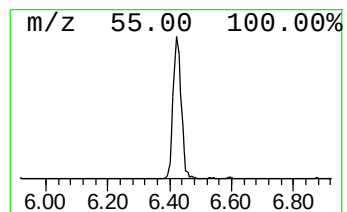
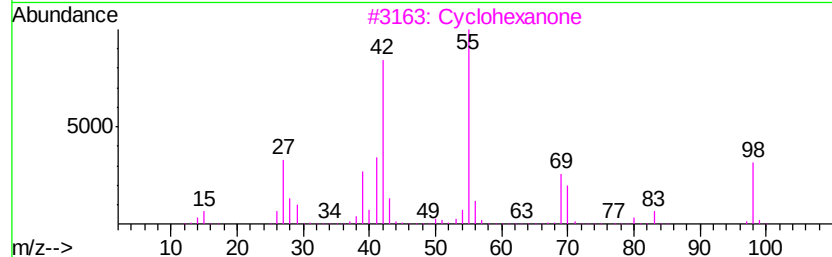
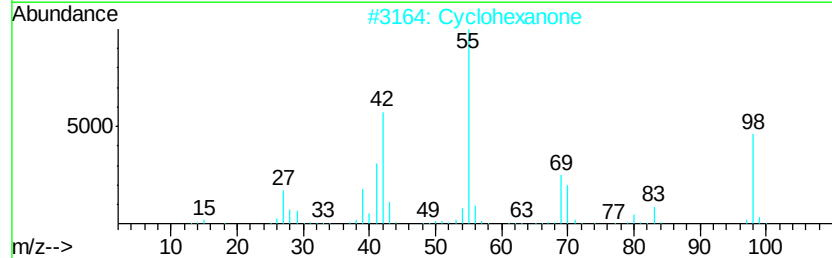
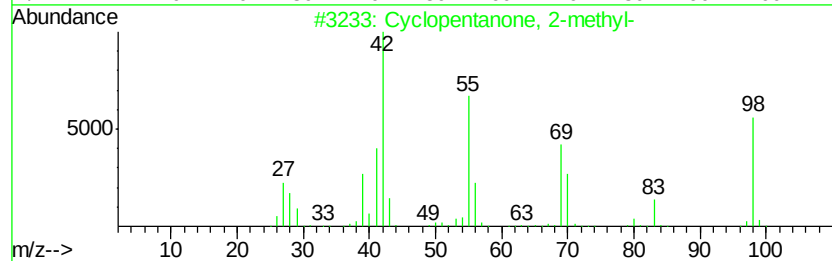
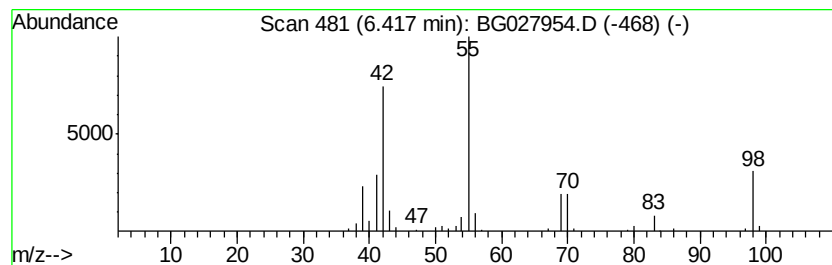
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	7.40 ng/ul	139111	1,4-Dichlorobenzene-d4	8.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	80
2			Cyclohexanone	98	C6H10O	000108-94-1	80
3			Cyclohexanone	98	C6H10O	000108-94-1	72
4			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	64
5			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027954.D
Acq On : 17 Jul 2017 18:21
Operator : SJ/JU
Sample : I4183-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

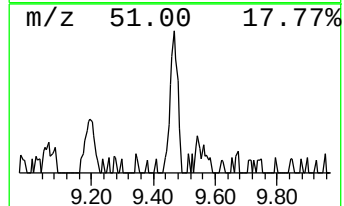
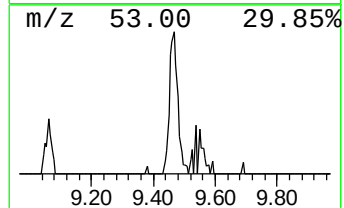
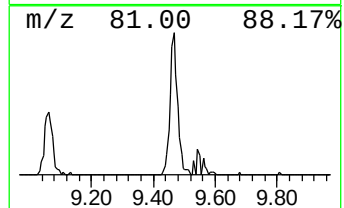
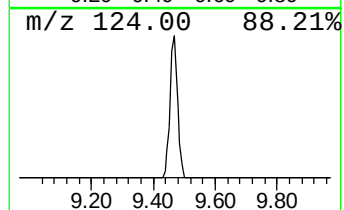
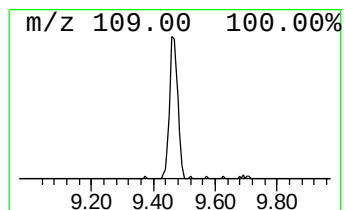
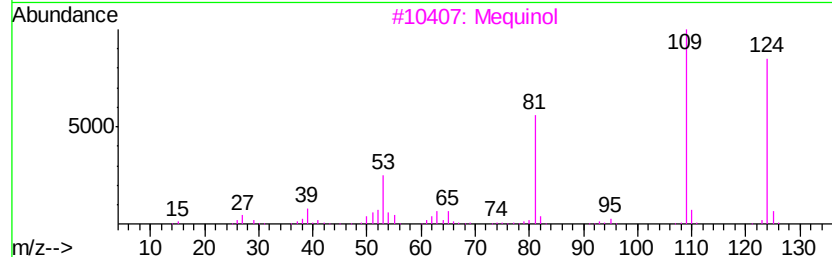
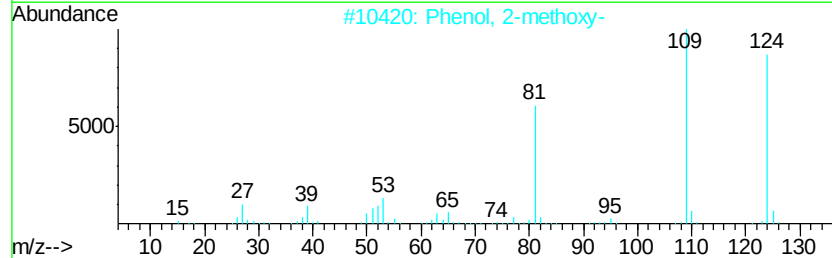
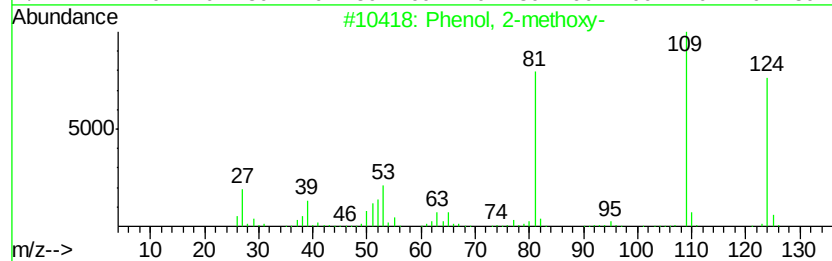
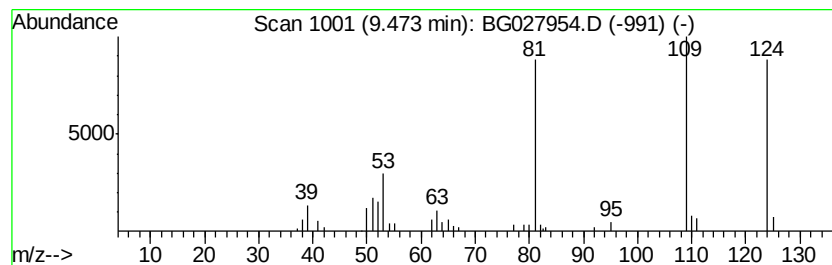
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	4.45 ng/ul	83565	1,4-Dichlorobenzene-d4	8.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
3			Mequinol	124	C7H8O2	000150-76-5	87
4			Formic acid, 2-methoxyphenyl ester	152	C8H8O3	1000368-70-7	78
5			Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027954.D
Acq On : 17 Jul 2017 18:21
Operator : SJ/JU
Sample : I4183-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

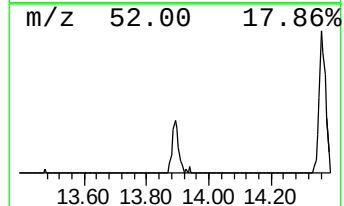
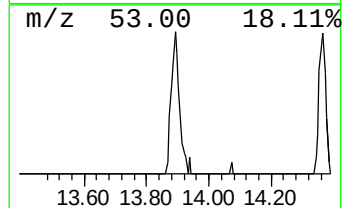
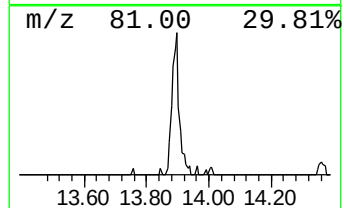
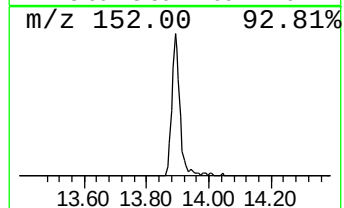
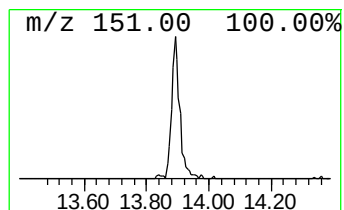
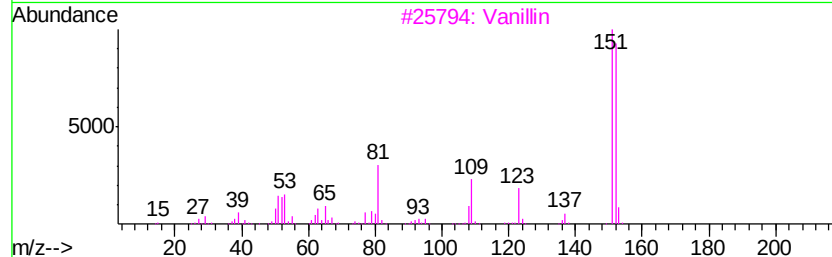
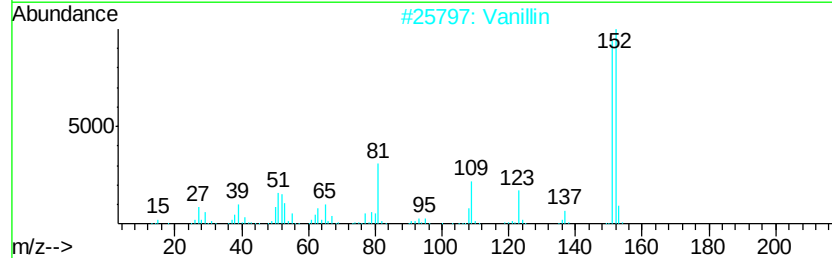
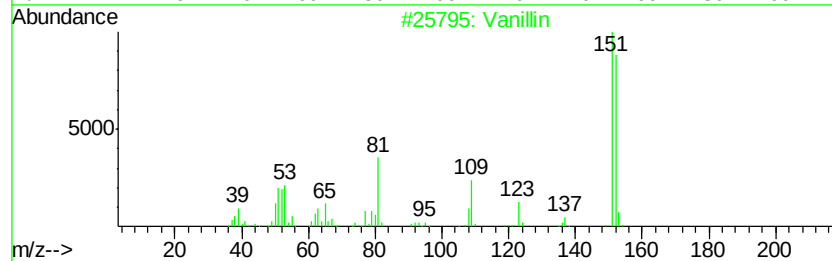
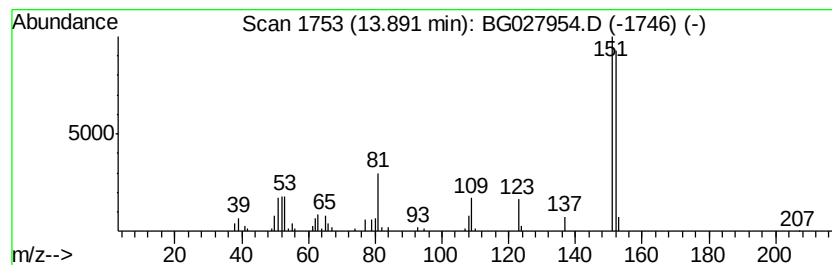
Instrument :
BNA_G
ClientSampleId :
C0B70

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.79 ng/ul	93093	Acenaphthene-d10	14.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Vanillin	152 C8H8O3	000121-33-5	96
2	Vanillin	152 C8H8O3	000121-33-5	95
3	Vanillin	152 C8H8O3	000121-33-5	94
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152 C8H8O3	000621-59-0	91
5	Vanillin	152 C8H8O3	000121-33-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027954.D
Acq On : 17 Jul 2017 18:21
Operator : SJ/JU
Sample : I4183-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

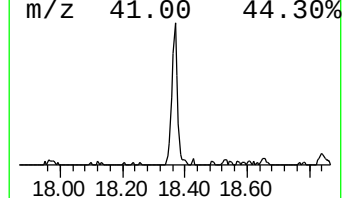
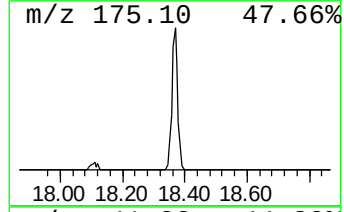
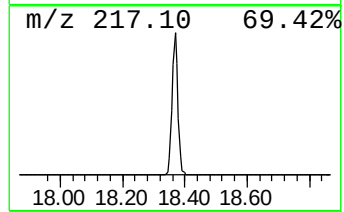
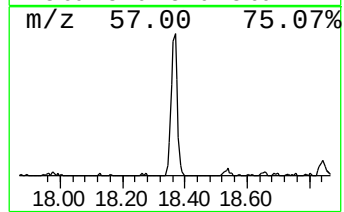
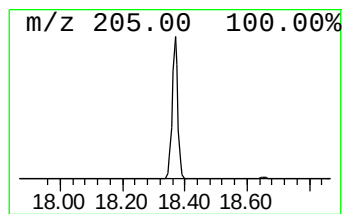
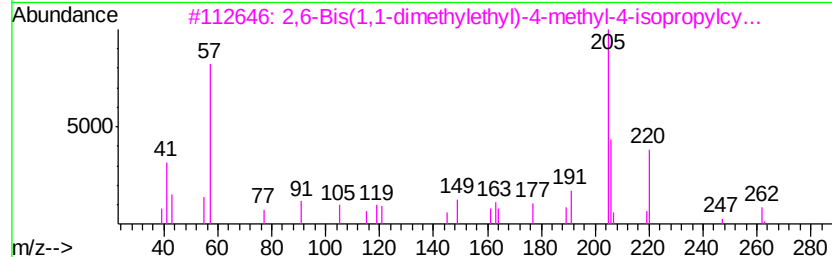
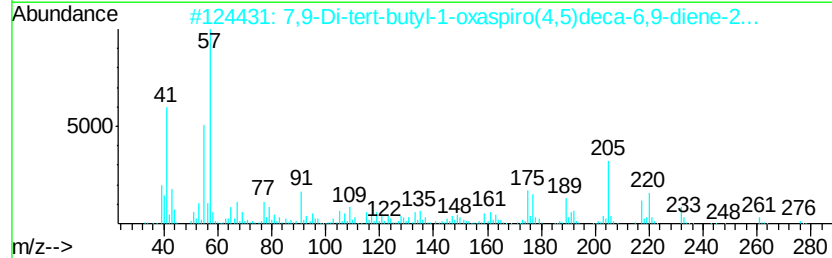
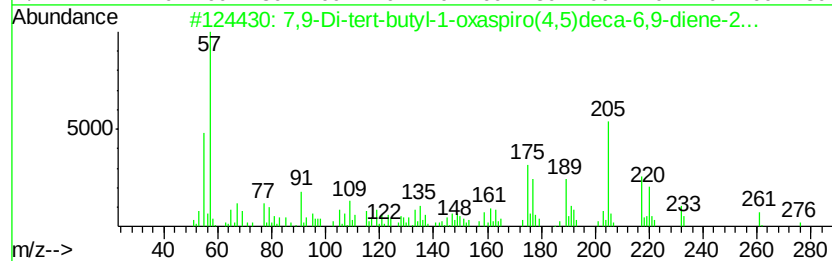
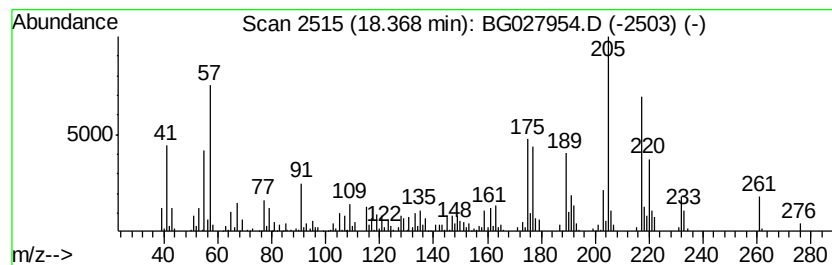
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	7.27 ng/ul	321542	Phenanthrene-d10	17.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
3		2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H30O	004278-82-4	38
4		9-Acetylphenanthrene	220	C16H12O	002039-77-2	30
5		Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027954.D
Acq On : 17 Jul 2017 18:21
Operator : SJ/JU
Sample : I4183-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B70

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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
Cyclopentanone, 2...	6.42	7.4	ng/ul	139111	1	8.37	375731	20.0
Phenol, 2-methoxy-	9.47	4.5	ng/ul	83565	1	8.37	375731	20.0
Vanillin	13.89	2.8	ng/ul	93093	3	14.97	666776	20.0
7,9-Di-tert-butyl...	18.37	7.3	ng/ul	321542	4	17.72	885002	20.0