

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028273.D
 Acq On : 11 Aug 2017 00:38
 Operator : SJ/JU
 Sample : I4529-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA4

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	3.841	38	43	49	rVB4	10609	18994	1.08%	0.089%
2	4.346	126	129	137	rVB5	2689	5203	0.29%	0.024%
3	4.575	159	168	184	rVB	932713	1544301	87.48%	7.253%
4	5.474	313	321	326	rBV4	4645	11317	0.64%	0.053%
5	6.432	478	484	491	rVB5	2452	5812	0.33%	0.027%
6	7.501	658	666	681	rVB2	238904	481440	27.27%	2.261%
7	7.666	681	694	703	rBV	174860	306973	17.39%	1.442%
8	7.889	724	732	741	rBV	226211	410726	23.27%	1.929%
9	8.353	803	811	824	rVB	173584	316226	17.91%	1.485%
10	9.046	917	929	947	rBV	300954	570530	32.32%	2.680%
11	9.182	947	952	960	rVB4	4316	10002	0.57%	0.047%
12	9.522	1002	1010	1021	rBV	231676	441520	25.01%	2.074%
13	9.658	1025	1033	1035	rBV4	2711	5031	0.28%	0.024%
14	10.245	1122	1133	1143	rBV2	201678	377147	21.36%	1.771%
15	10.786	1215	1225	1240	rBV2	304654	591684	33.52%	2.779%
16	11.173	1283	1291	1305	rVB	261622	500335	28.34%	2.350%
17	11.303	1305	1313	1328	rBV	200996	408984	23.17%	1.921%
18	11.978	1420	1428	1434	rBV6	6040	11876	0.67%	0.056%
19	12.325	1481	1487	1493	rVB5	4451	9627	0.55%	0.045%
20	12.531	1517	1522	1527	rBV6	3437	7265	0.41%	0.034%
21	12.613	1531	1536	1540	rBV4	3810	6360	0.36%	0.030%
22	12.730	1548	1556	1562	rVB7	4693	8952	0.51%	0.042%
23	12.824	1564	1572	1573	rBV5	2587	5874	0.33%	0.028%
24	13.012	1599	1604	1610	rVB3	3370	5751	0.33%	0.027%
25	13.106	1615	1620	1624	rBV4	3253	5299	0.30%	0.025%
26	13.142	1624	1626	1633	rVV4	3321	6381	0.36%	0.030%
27	13.224	1633	1640	1647	rVB5	7131	14840	0.84%	0.070%
28	13.312	1650	1655	1659	rBV6	3903	6000	0.34%	0.028%
29	13.441	1671	1677	1686	rVB5	4405	8227	0.47%	0.039%
30	13.559	1692	1697	1703	rVB6	3678	7125	0.40%	0.033%
31	13.747	1721	1729	1734	rBV6	5051	9321	0.53%	0.044%
32	13.929	1756	1760	1766	rVB7	4529	6198	0.35%	0.029%
33	14.088	1784	1787	1790	rBV4	3700	5753	0.33%	0.027%
34	14.129	1791	1794	1801	rVB5	5644	9276	0.53%	0.044%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028273.D
 Acq On : 11 Aug 2017 00:38
 Operator : SJ/JU
 Sample : I4529-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA4

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

35	14.223	1805	1810	1814	rBV3	3859	5857	0.33%	0.028%
36	14.293	1814	1822	1826	rVV4	34974	65424	3.71%	0.307%
37	14.346	1826	1831	1836	rVV	640224	951519	53.90%	4.469%
38	14.393	1836	1839	1845	rVV	118437	165814	9.39%	0.779%
39	14.434	1845	1846	1854	rVB5	3470	5859	0.33%	0.028%
40	14.652	1876	1883	1894	rVB	630952	1040141	58.92%	4.885%
41	14.816	1901	1911	1916	rBV9	8496	16728	0.95%	0.079%
42	14.869	1916	1920	1925	rVB6	3132	6195	0.35%	0.029%
43	14.957	1925	1935	1944	rBV2	452959	757026	42.88%	3.556%
44	15.086	1951	1957	1961	rBV	59987	84827	4.81%	0.398%
45	15.145	1961	1967	1980	rVV2	130177	272811	15.45%	1.281%
46	15.298	1988	1993	1998	rBV7	5807	11347	0.64%	0.053%
47	15.357	1998	2003	2010	rVB6	16635	31273	1.77%	0.147%
48	15.415	2011	2013	2018	rBV3	3459	5212	0.30%	0.024%
49	15.715	2058	2064	2067	rBV6	7590	13368	0.76%	0.063%
50	15.762	2069	2072	2076	rVB4	9711	12296	0.70%	0.058%
51	15.821	2077	2082	2086	rVB4	5139	8439	0.48%	0.040%
52	15.874	2086	2091	2096	rBV	59302	86097	4.88%	0.404%
53	15.944	2096	2103	2115	rVB	841256	1358899	76.98%	6.382%
54	16.056	2115	2122	2135	rBV2	243861	398110	22.55%	1.870%
55	16.185	2137	2144	2154	rVB10	14763	33791	1.91%	0.159%
56	16.309	2162	2165	2171	rVB7	10251	14518	0.82%	0.068%
57	16.379	2173	2177	2186	rVB9	14462	25785	1.46%	0.121%
58	16.579	2207	2211	2212	rBV3	4292	5070	0.29%	0.024%
59	16.620	2214	2218	2227	rVB5	19757	34483	1.95%	0.162%
60	16.714	2227	2234	2240	rVB5	7435	15559	0.88%	0.073%
61	16.779	2241	2245	2247	rBV5	5330	6324	0.36%	0.030%
62	16.972	2273	2278	2287	rBV4	36654	80373	4.55%	0.377%
63	17.219	2316	2320	2329	rBV3	23940	48978	2.77%	0.230%
64	17.366	2341	2345	2348	rVB6	7288	10892	0.62%	0.051%
65	17.425	2349	2355	2360	rBV6	16653	31543	1.79%	0.148%
66	17.537	2373	2374	2380	rVB6	7508	9645	0.55%	0.045%
67	17.707	2396	2403	2413	rBV2	597562	976858	55.34%	4.588%
68	17.807	2413	2420	2430	rVV	972496	1547375	87.66%	7.268%
69	17.877	2430	2432	2439	rVB8	8502	14919	0.85%	0.070%
70	18.159	2477	2480	2484	rVB5	8341	8466	0.48%	0.040%
71	18.336	2508	2510	2513	rVB4	8324	8287	0.47%	0.039%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028273.D
 Acq On : 11 Aug 2017 00:38
 Operator : SJ/JU
 Sample : I4529-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA4

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

72	18.553	2542	2547	2557	rBV5	47266	107941	6.11%	0.507%
73	18.623	2557	2559	2564	rVB6	11583	15579	0.88%	0.073%
74	18.700	2570	2572	2578	rBV7	6862	11217	0.64%	0.053%
75	19.064	2632	2634	2639	rVB6	10002	16397	0.93%	0.077%
76	19.464	2698	2702	2707	rBV8	18333	30519	1.73%	0.143%
77	19.716	2740	2745	2755	rVB6	19307	43174	2.45%	0.203%
78	19.816	2757	2762	2771	rBV5	54460	94491	5.35%	0.444%
79	19.963	2783	2787	2792	rBV6	14559	25325	1.43%	0.119%
80	20.081	2800	2807	2815	rVB	1202558	1765290	100.00%	8.291%
81	21.056	2969	2973	2981	rVB10	22337	50858	2.88%	0.239%
82	21.608	3062	3067	3074	rBV4	31389	49113	2.78%	0.231%
83	21.873	3110	3112	3117	rVB6	13853	18603	1.05%	0.087%
84	22.037	3133	3140	3149	rBV	605766	1106969	62.71%	5.199%
85	22.166	3158	3162	3169	rVB9	14360	31724	1.80%	0.149%
86	22.243	3171	3175	3180	rVB5	16230	24962	1.41%	0.117%
87	22.848	3273	3278	3282	rVB2	23054	37771	2.14%	0.177%
88	22.942	3290	3294	3300	rVB8	15717	27846	1.58%	0.131%
89	23.735	3424	3429	3435	rBV3	13479	29515	1.67%	0.139%
90	24.458	3547	3552	3563	rVB6	25215	61746	3.50%	0.290%
91	25.304	3682	3696	3708	rBV2	559291	1744117	98.80%	8.192%
92	25.539	3721	3736	3752	rVB2	325127	1134505	64.27%	5.328%
93	26.185	3840	3846	3858	rVB2	15277	48728	2.76%	0.229%
94	26.655	3918	3926	3928	rBV8	9610	25776	1.46%	0.121%
95	26.720	3930	3937	3946	rVB3	33035	103142	5.84%	0.484%
96	26.843	3951	3958	3970	rVB3	23330	84270	4.77%	0.396%
97	27.249	4025	4027	4028	rBV2	6977	5318	0.30%	0.025%
98	27.501	4065	4070	4081	rVB2	19666	54200	3.07%	0.255%
99	28.195	4180	4188	4200	rVB6	33517	114878	6.51%	0.540%
100	29.969	4479	4490	4503	rBV5	25413	117153	6.64%	0.550%

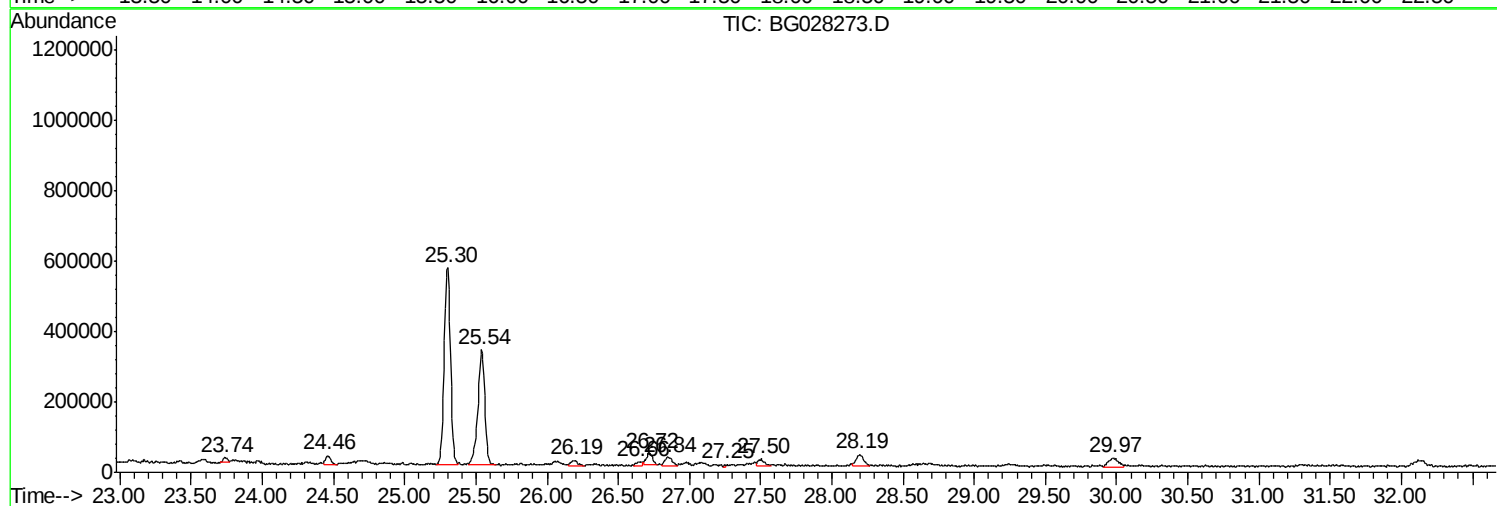
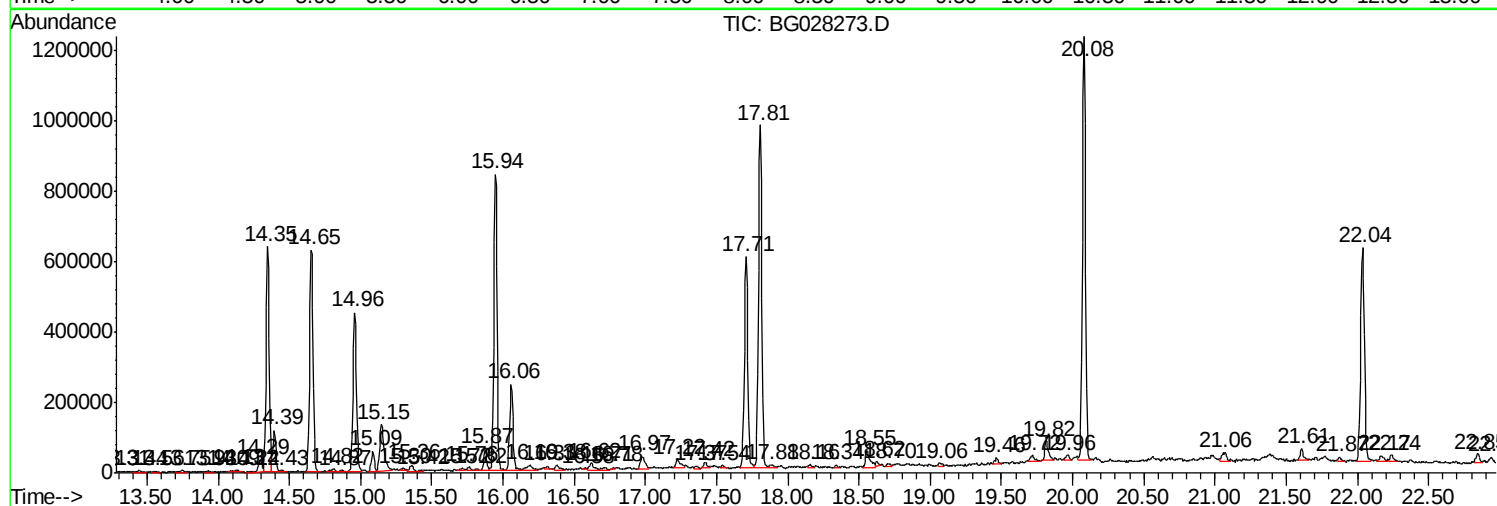
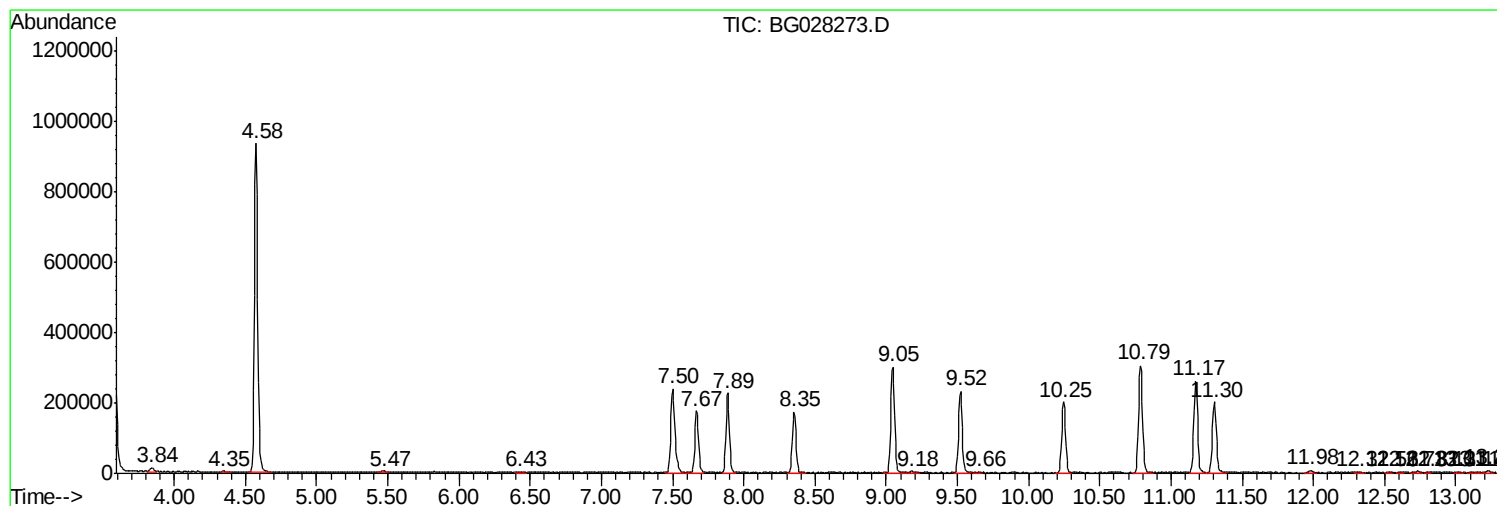
Sum of corrected areas: 21291585

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

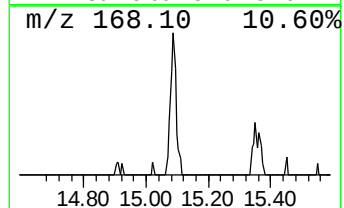
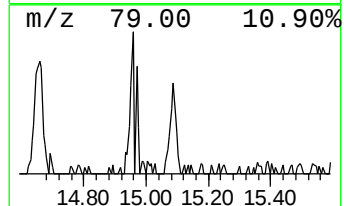
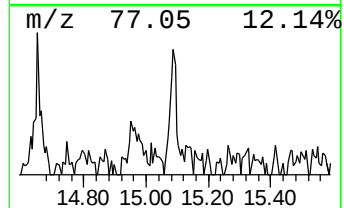
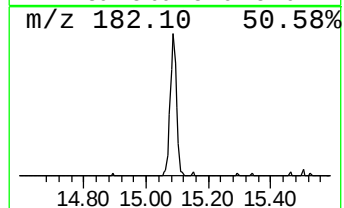
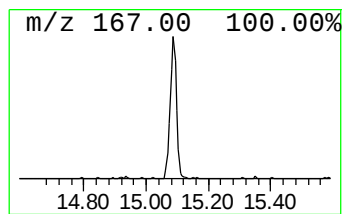
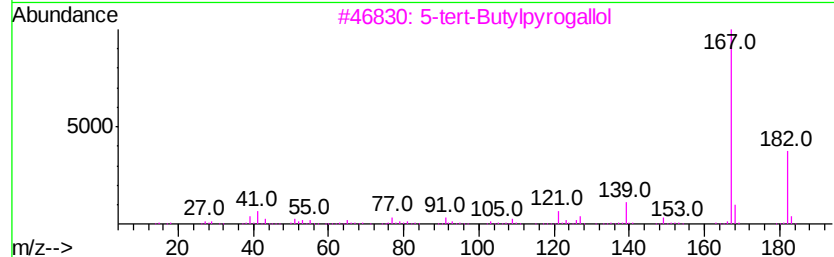
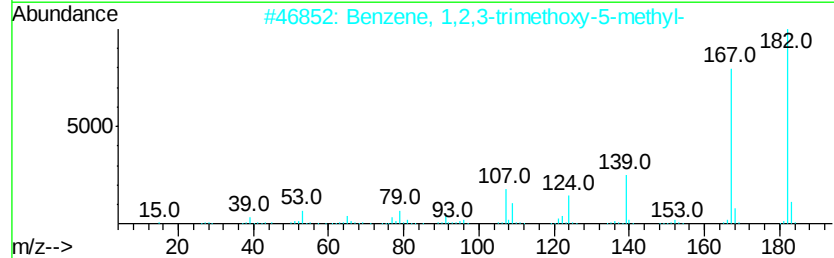
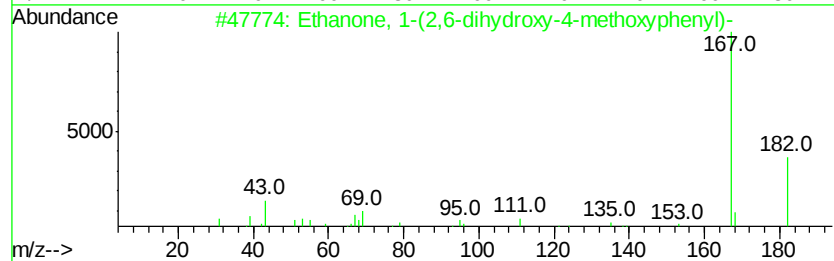
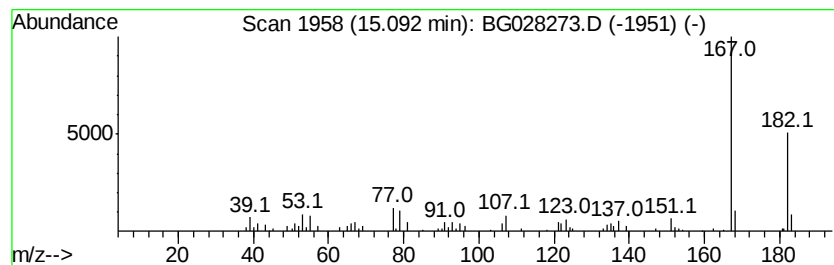
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethanone, 1-(2,6-dihydroxy-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.24 ng/ul	84827	Acenaphthene-d10	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	64
2		Benzene, 1,2,3-trimethoxy-5-methyl-	182	C10H14O3	006443-69-2	64
3		5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	64
4		2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	069796-13-0	50
5		1,3-Benzodioxole, 5-nitro-	167	C7H5NO4	002620-44-2	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

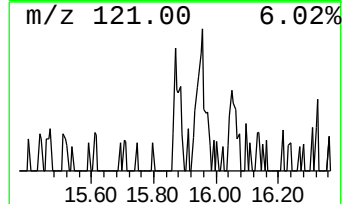
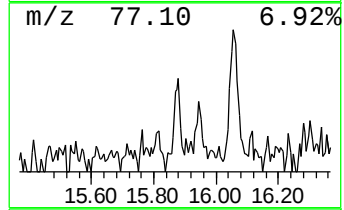
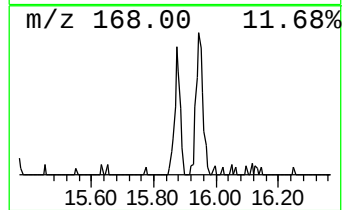
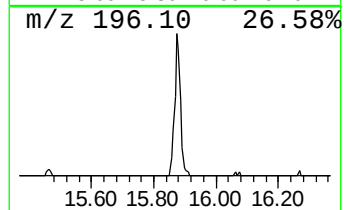
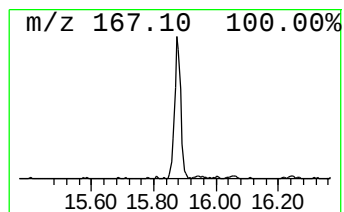
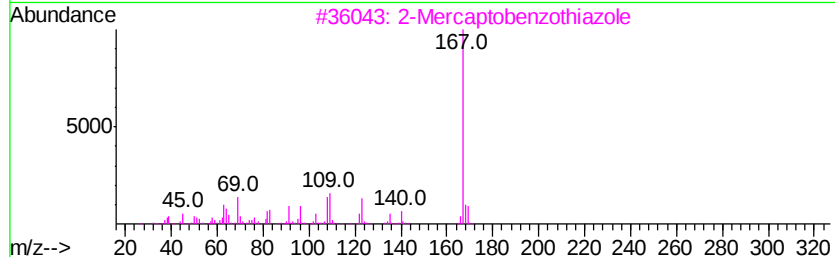
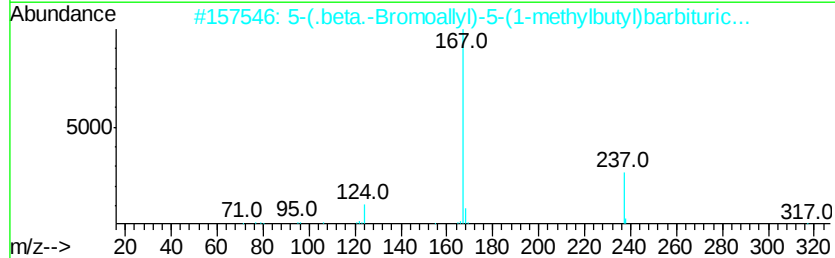
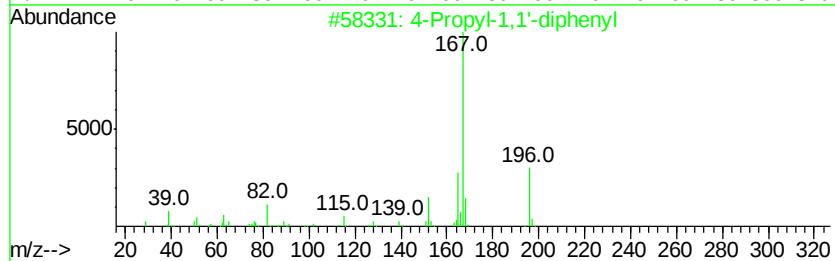
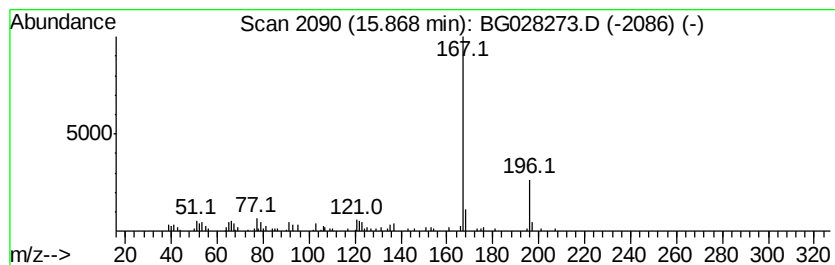
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4-Propyl-1,1'-diphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.27 ng/ul	86097	Acenaphthene-d10	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64
2		5-(.beta.-Bromoallyl)-5-(1-methy...	316	C12H17BrN2O3	001216-40-6	59
3		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	53
4		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	52
5		Mandelic acid, 3,4-dimethoxy-, m...	226	C11H14O5	002911-73-1	40



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

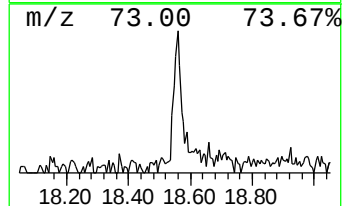
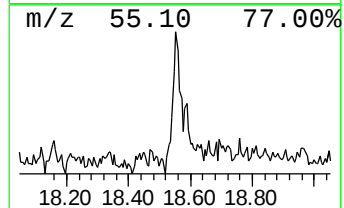
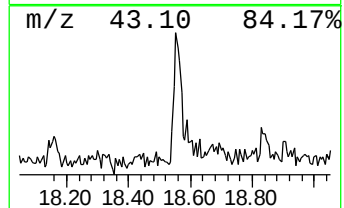
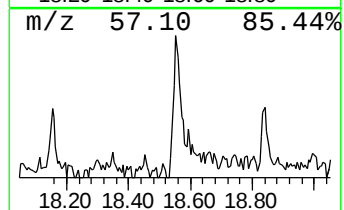
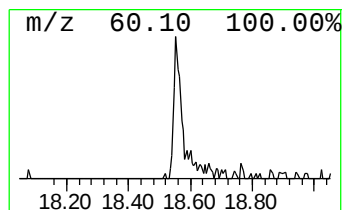
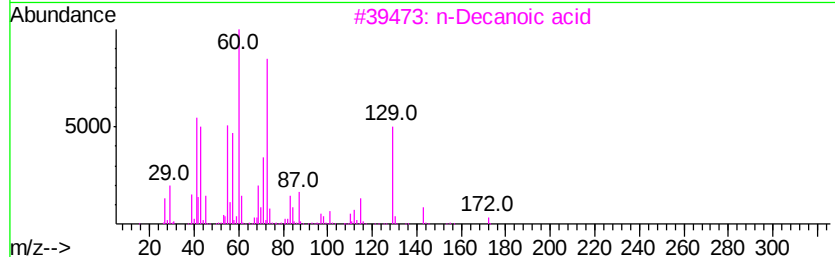
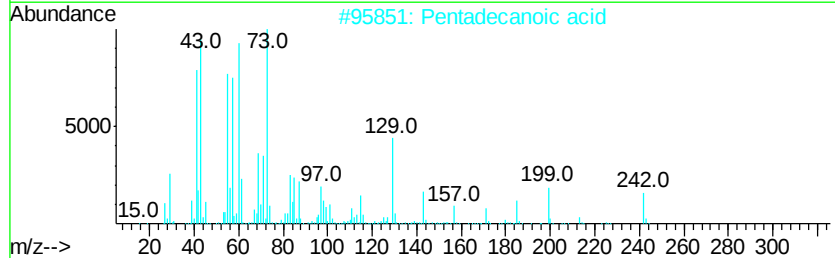
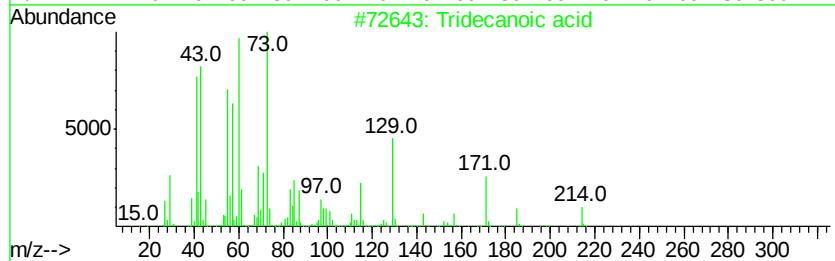
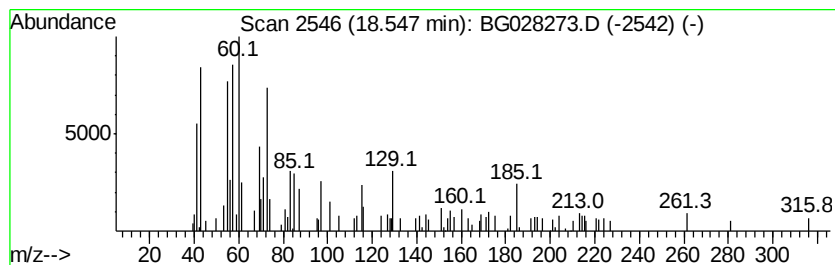
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.21 ng/ul	107941	Phenanthrene-d10	17.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

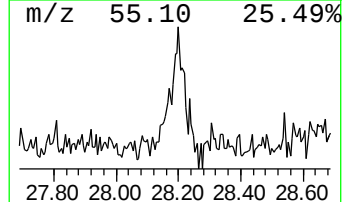
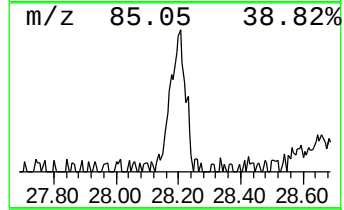
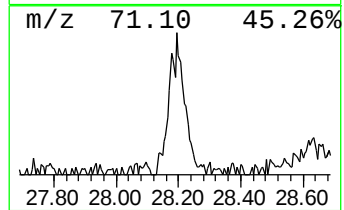
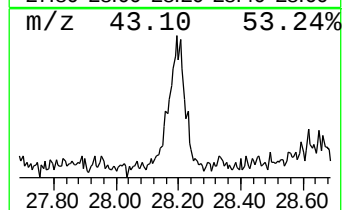
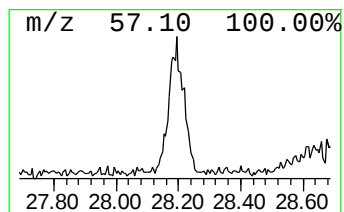
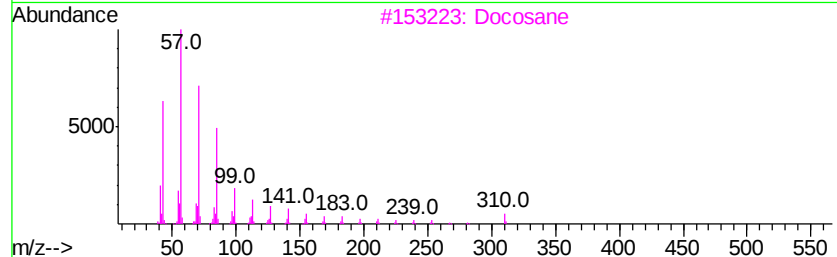
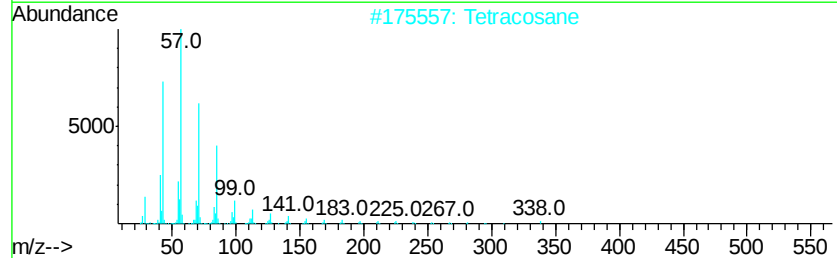
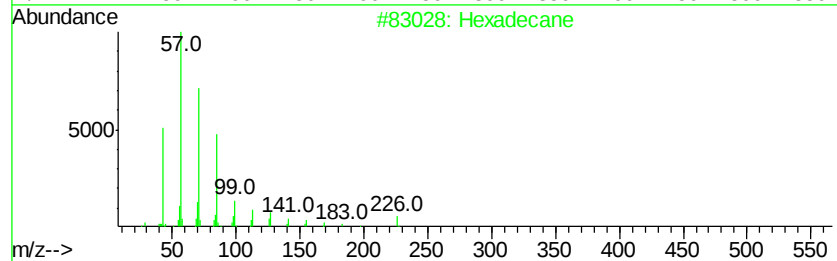
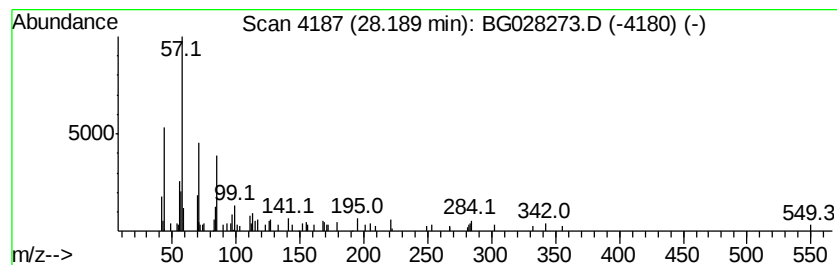
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.03 ng/ul	114878	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Tetracosane	338	C24H50	000646-31-1	58
3	Docosane	310	C22H46	000629-97-0	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

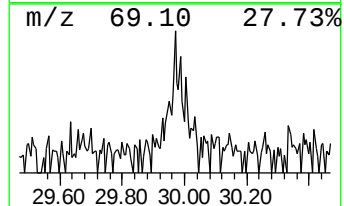
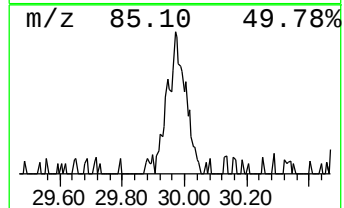
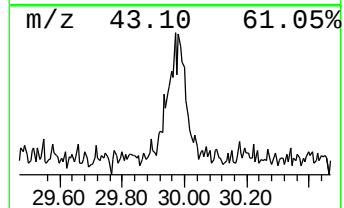
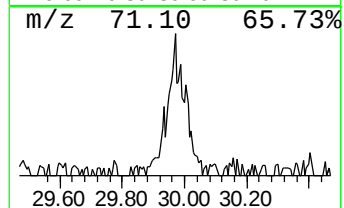
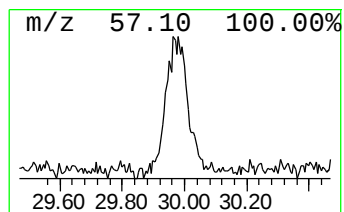
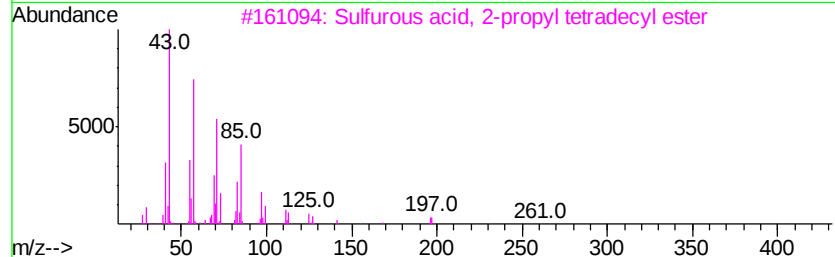
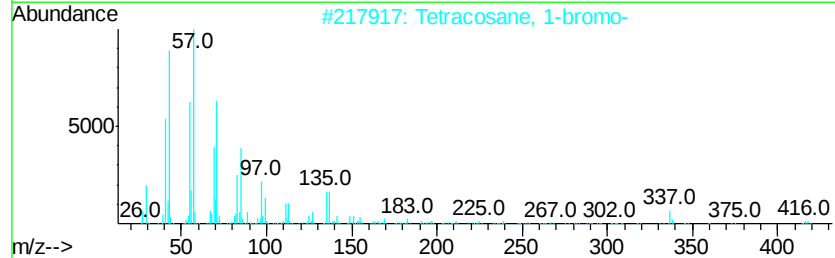
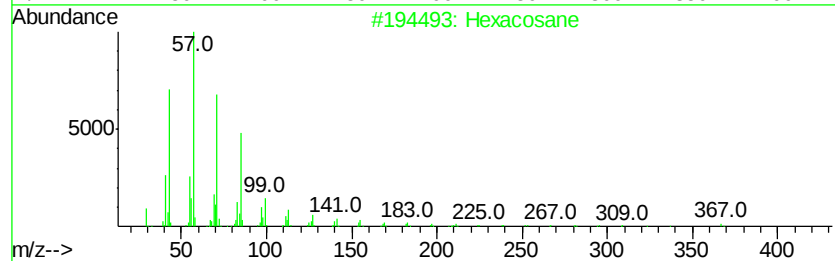
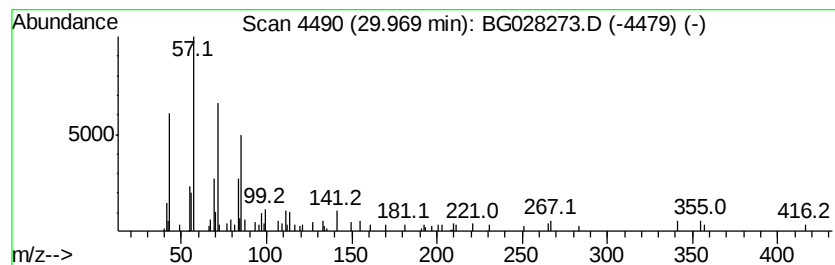
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	2.07 ng/ul	117153	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	52
2		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	52
3		Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	52
4		Nonadecane	268	C19H40	000629-92-5	52
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028273.D
Acq On : 11 Aug 2017 00:38
Operator : SJ/JU
Sample : I4529-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA4

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
Ethanone, 1-(2,6-...	15.09	2.2	ng/ul	84827	3	14.96	757026	20.0
4-Propyl-1,1'-dip...	15.87	2.3	ng/ul	86097	3	14.96	757026	20.0
Tridecanoic acid	18.55	2.2	ng/ul	107941	4	17.71	976858	20.0
(DEL) Alkane: Str...	28.19	2.0	ng/ul	114878	6	25.54	1134510	20.0
(DEL) Alkane: Str...	29.97	2.1	ng/ul	117153	6	25.54	1134510	20.0