LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028310.D
Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 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	3.843	39	43	49	rBV5	2541	4739	0.42%	0.038%
2	4.067	78	81	86	rVB5	2359	3043	0.27%	0.024%
3	4.825	209	210	219	rBV4	1819	3237	0.28%	0.026%
4	6.617	511	515	519	rVB3	1843	2974	0.26%	0.024%
5	6.681	519	526	529	rBV2	1978	4050	0.35%	0.032%
6	7.516	660	668	679	rBV2	31091	69043	6.05%	0.553%
7	7.674	689	695	703	rBV2	19362	37113	3.25%	0.297%
8	7.892	727	732	741	rVB3	30693	55360	4.85%	0.444%
9	8.362	804	812	823	rBV	215381	388993	34.07%	3.117%
10	8.632	855	858	868	rVB4	3856	6409	0.56%	0.051%
11	8.802	882	887	894	rVB4	2034	5176	0.45%	0.041%
12	8.990	912	919	920	rBV4	1628	3135	0.27%	0.025%
13	9.055	924	930	937	rBV4	41158	75918	6.65%	0.608%
14	9.137	941	944	949	rVB5	5885	7401	0.65%	0.059%
15	9.196	949	954	958	rBV2	1943	3917	0.34%	0.031%
16	9.455	994	998	1004	rVB5	3606	6706	0.59%	0.054%
17	9.525	1004	1010	1018	rBV2	30144	60818	5.33%	0.487%
18	9.966	1081	1085	1090	rVB2	2069	3104	0.27%	0.025%
19	10.130	1107	1113	1116	rVB4	3138	6207	0.54%	0.050%
20	10.254	1127	1134	1142	rBV3	29615	57146	5.01%	0.458%
21	10.330	1142	1147	1151	rBV4	8457	15915	1.39%	0.128%
22	10.630	1183	1198	1212	rVB9	9112	36289	3.18%	0.291%
23	10.800	1219	1227	1235	rBV2	47834	94268	8.26%	0.755%
24	10.859	1235	1237	1243	rVB2	2642	4573	0.40%	0.037%
25	10.988	1253	1259	1262	rBV4	4586	6200	0.54%	0.050%
26	11.029	1262	1266	1269	rBV4	5095	8294	0.73%	0.066%
27	11.070	1270	1273	1283	rVV6	10385	21233	1.86%	0.170%
28	11.182	1283	1292	1307	rVB	315128	618284	54.16%	4.954%
29	11.317	1307	1315	1320	rBV4	10105	17915	1.57%	0.144%
30	11.534	1344	1352	1356	rBV8	6367	14552	1.27%	0.117%
31	11.576	1356	1359	1362	rVV5	3793	4169	0.37%	0.033%
32	11.699	1374	1380	1385	rBV4	7596	13574	1.19%	0.109%
33	11.758	1386	1390	1398	rVB4	4406	8180	0.72%	0.066%
34	11.981	1423	1428	1436	rBV3	11460	21968	1.92%	0.176%

LSC Area Percent Report

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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 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	12.181	1457	1462	1465	rVV3	10053	16061	1.41%	0.129%
36	12.222	1465	1469	1474	rVB6	6419	12085	1.06%	0.097%
37	12.269	1475	1477	1478	rVV2	4486	2988	0.26%	0.024%
38	12.316	1478	1485	1497	rVB2	23908	52325	4.58%	0.419%
39	12.410	1497	1501	1505	rBV6	4197	6231	0.55%	0.050%
40	12.539	1517	1523	1532	rBV7	13168	24176	2.12%	0.194%
41	12.616	1532	1536	1538	rBV3	3203	4648	0.41%	0.037%
42	12.668	1538	1545	1548	rBV7	4177	8685	0.76%	0.070%
43	12.815	1563	1570	1573	rBV3	13466	28459	2.49%	0.228%
44	12.851	1573	1576	1582	rVB7	7546	13894	1.22%	0.111%
45	13.021	1601	1605	1614	rVB7	18497	32410	2.84%	0.260%
46	13.115	1615	1621	1624	rBV7	4440	8312	0.73%	0.067%
47	13.156	1624	1628	1633	rBV9	9800	19097	1.67%	0.153%
48	13.227	1633	1640	1649	rVB2	78385	134999	11.82%	1.082%
49	13.309	1649	1654	1659	rBV9	5487	12892	1.13%	0.103%
50	13.444	1671	1677	1685	rVB3	24966	53775	4.71%	0.431%
51	13.556	1693	1696	1697	rBV3	6407	5001	0.44%	0.040%
52	13.673	1706	1716	1721	rBV10	12939	38650	3.39%	0.310%
53	13.750	1723	1729	1736	rVB10	23106	48372	4.24%	0.388%
54	13.838	1739	1744	1746	rBV6	7904	13427	1.18%	0.108%
55	13.879	1749	1751	1756	rVB5	8605	10482	0.92%	0.084%
56	13.926	1757	1759	1767	rVB7	10060	16157	1.42%	0.129%
57	14.008	1767	1773	1774	rBV5	8735	13622	1.19%	0.109%
58	14.090	1783	1787	1790	rBV6	11172	19173	1.68%	0.154%
59	14.137	1790	1795	1804	rVB8	24616	55448	4.86%	0.444%
60	14.237	1807	1812	1815	rBV6	7188	13735	1.20%	0.110%
61	14.296	1815	1822	1827	rVV	221779	378159	33.12%	3.030%
62	14.349	1827	1831	1836	rVV	91109	149949	13.13%	1.201%
63	14.402	1836	1840	1843	rVB2	21759	30571	2.68%	0.245%
64	14.443	1844	1847	1854	rVB9	9106	17374	1.52%	0.139%
65	14.513	1856	1859	1862	rBV5	9335	12606	1.10%	0.101%
66	14.549	1862	1865	1870	rVV7	10985	18126	1.59%	0.145%
67	14.660	1877	1884	1894	rVB	90781	167847	14.70%	1.345%
68	14.807	1895	1909	1914	rBV8	36326	104092	9.12%	0.834%
69	14.966	1927	1936	1950	rBV2	516736	924433	80.97%	7.407%
70	15.089	1951	1957	1969	rVV	357264	566193	49.59%	4.537%
71	15.183	1969	1973	1979	rVB7	28260	62520	5.48%	0.501%

LSC Area Percent Report

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Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	15.342	1996	2000	2010	rVB10	26948	73568	6.44%	0.589%
73	15.430	2010	2015	2018	rBV7	14852	27569	2.41%	0.221%
74	15.465	2018	2021	2025	rBV4	16089	22538	1.97%	0.181%
75	15.718	2059	2064	2070	rBV8	28929	75047	6.57%	0.601%
76	15.882	2086	2092	2097	rBV	414535	582604	51.03%	4.668%
77	15.953	2098	2104	2109	rVV2	99926	160457	14.05%	1.286%
78	16.064	2120	2123	2128	rVB2	29168	41613	3.64%	0.333%
79	16.158	2136	2139	2143	rBV5	21446	24849	2.18%	0.199%
80	16.200	2144	2146	2152	rBV6	13089	18599	1.63%	0.149%
81	16.252	2152	2155	2157	rBV4	16122	21631	1.89%	0.173%
82	16.317	2163	2166	2171	rVB5	42609	59960	5.25%	0.480%
83	16.382	2173	2177	2185	rBV2	103739	170919	14.97%	1.370%
84	16.623	2215	2218	2223	rVB5	42550	58765	5.15%	0.471%
85	16.981	2273	2279	2288	rBV3	224801	450734	39.48%	3.612%
86	17.234	2317	2322	2324	rBV	63068	99825	8.74%	0.800%
87	17.439	2351	2357	2362	rBV9	40034	90180	7.90%	0.723%
88	17.715	2396	2404	2415	rVB2	592051	1129647	98.95%	9.052%
89	17.809	2416	2420	2430	rVV2	112818	199552	17.48%	1.599%
90	18.562	2543	2548	2557	rBV4	134661	236427	20.71%	1.894%
91	19.472	2699	2703	2709	rBV3	79470	156101	13.67%	1.251%
92	20.007	2791	2794	2797	rBV5	95055	116822	10.23%	0.936%
93	20.089	2804	2808	2816	rVB2	131393	221279	19.38%	1.773%
94	21.053	2970	2972	2975	rBV3	78855	110556	9.68%	0.886%
95	21.611	3064	3067	3074	rBV2	132334	225602	19.76%	1.808%
96	22.046	3136	3141	3148	rVB	609693	1141651	100.00%	9.148%
97	22.181	3160	3164	3172	rBV7	124957	371096	32.51%	2.973%
98	23.755	3428	3432	3440	rVB	145496	289051	25.32%	2.316%
99	25.565	3732	3740	3755	rVB	343261	1062474	93.06%	8.513%
100	26.869	3957	3962	3974	rVB8	149835	454178	39.78%	3.639%

Sum of corrected areas: 12480171

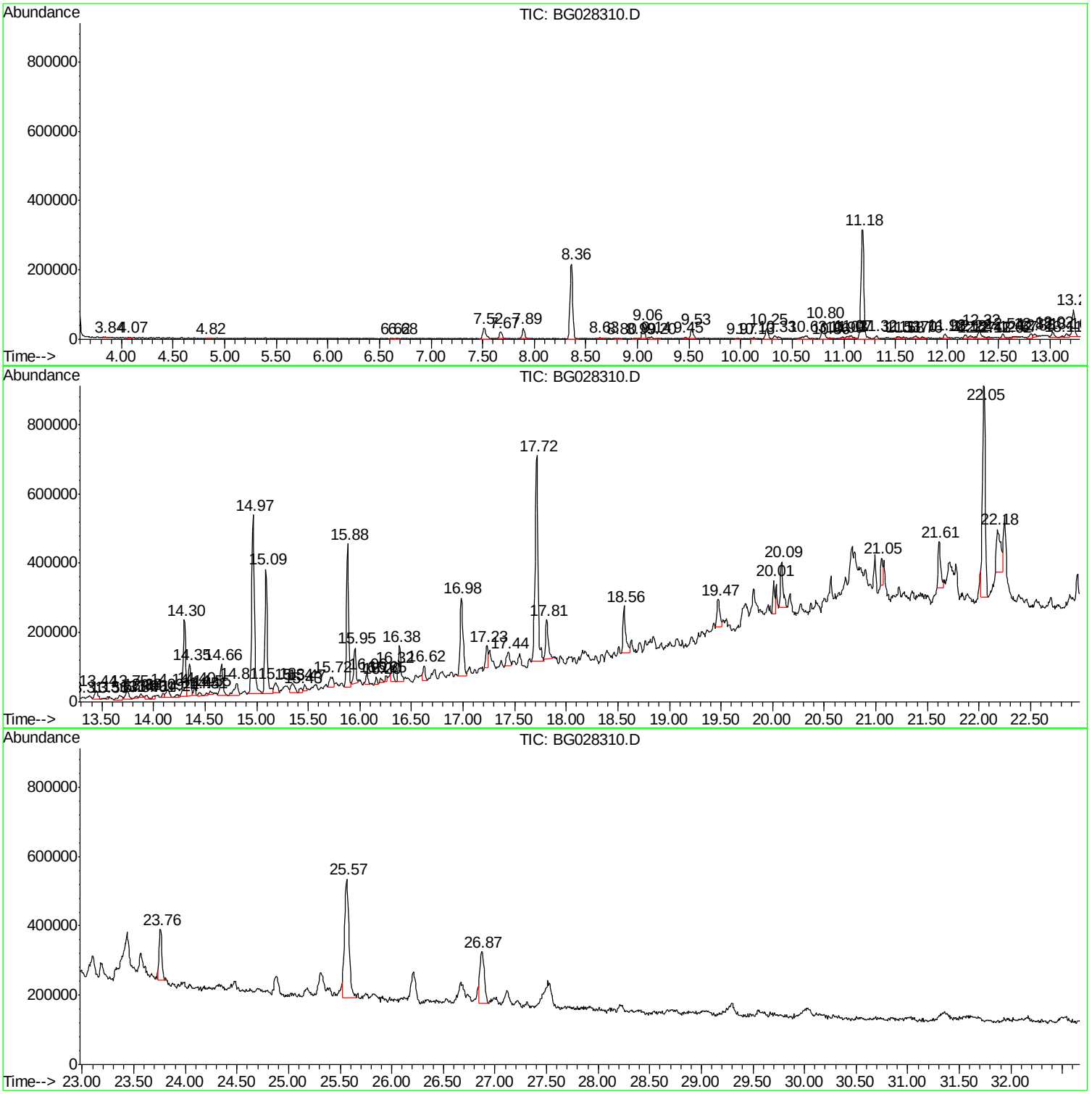
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028310.D
Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA8

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\BG081117\
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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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

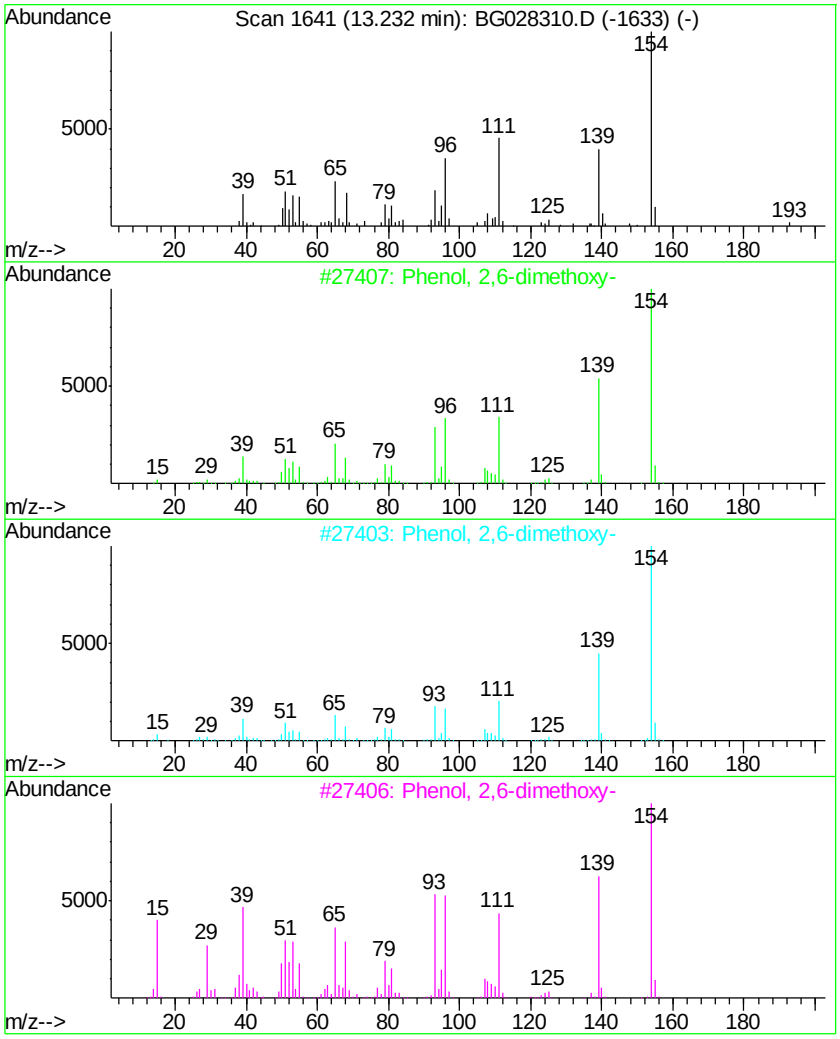
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

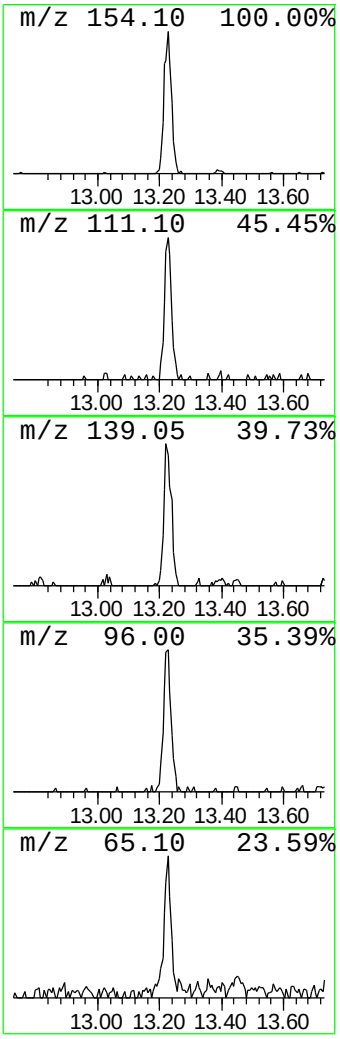
****

Peak Number 1 Phenol, 2,6-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.92 ng/ul	134999	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	59
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	49
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	47
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	46
5	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028310.D
Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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

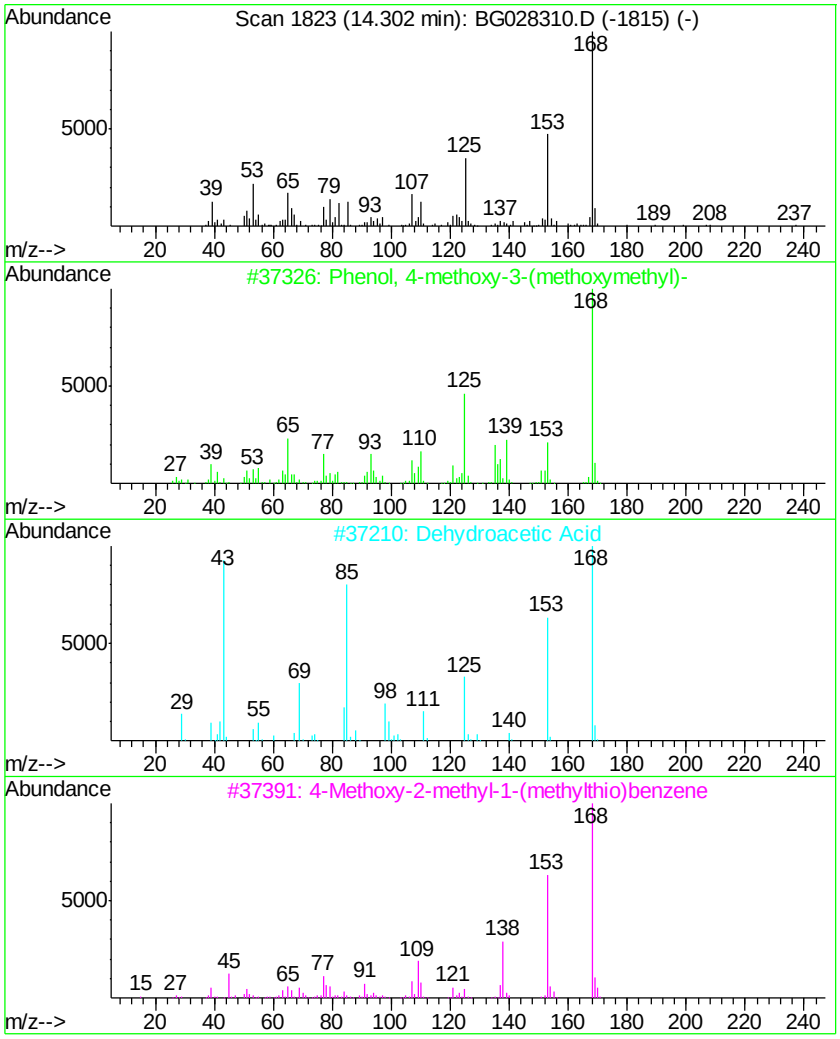
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

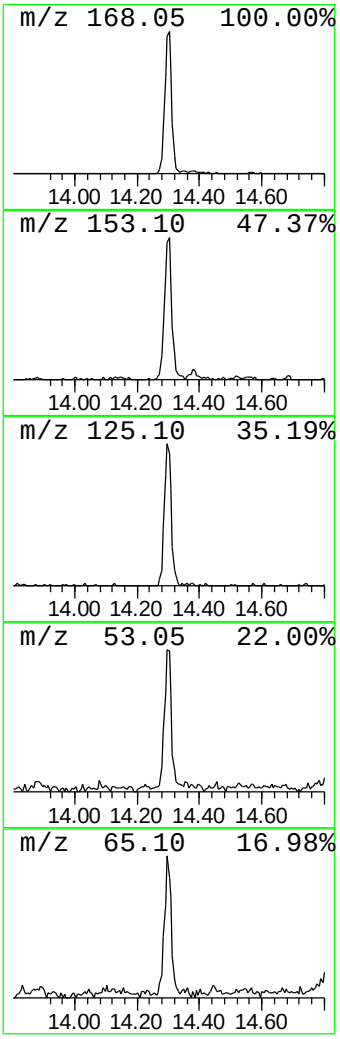
****

Peak Number 2 Phenol, 4-methoxy-3-(methox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	8.18 ng/ul	378159	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	53
2	Dehydroacetic Acid	168	C8H8O4	000520-45-6	47
3	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	47
4	Benzoic acid, 4-hydroxy-3-methoxy-	168	C8H8O4	000121-34-6	47
5	2,5-Dimethoxybenzyl alcohol	168	C9H12O3	033524-31-1	47





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Sample : I4504-17 5X
Misc :
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Instrument : BNA_G
ClientSampleId : C0AA8

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

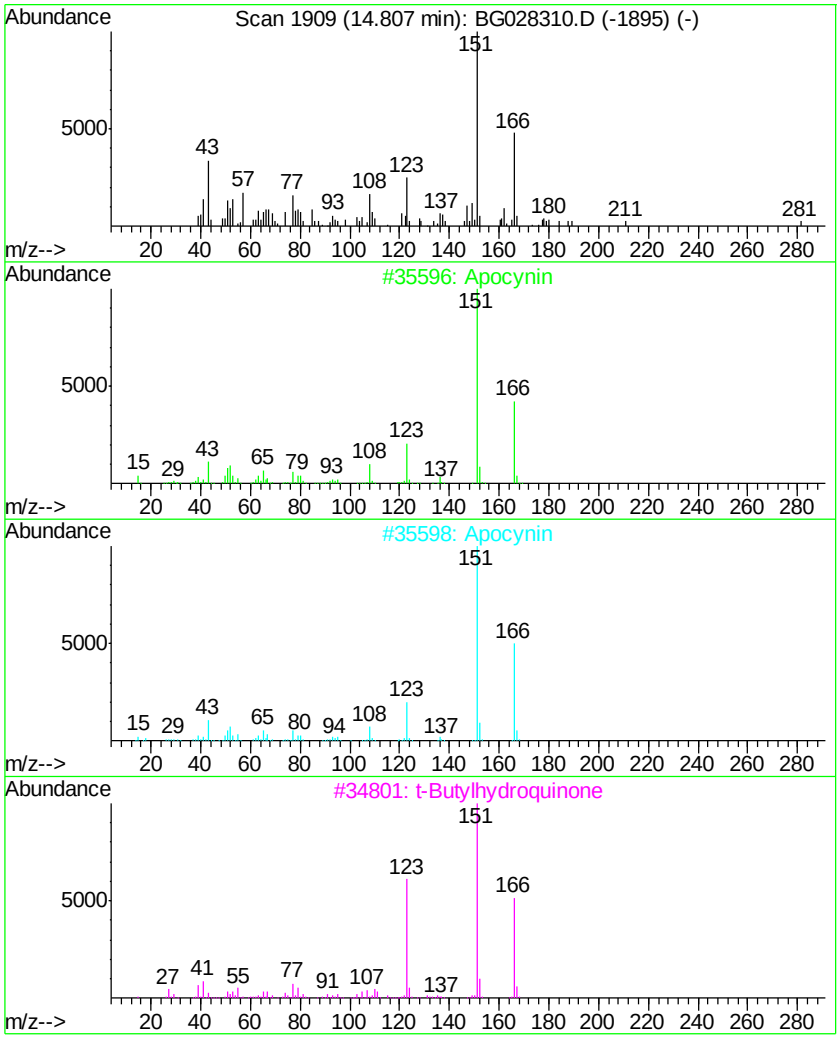
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

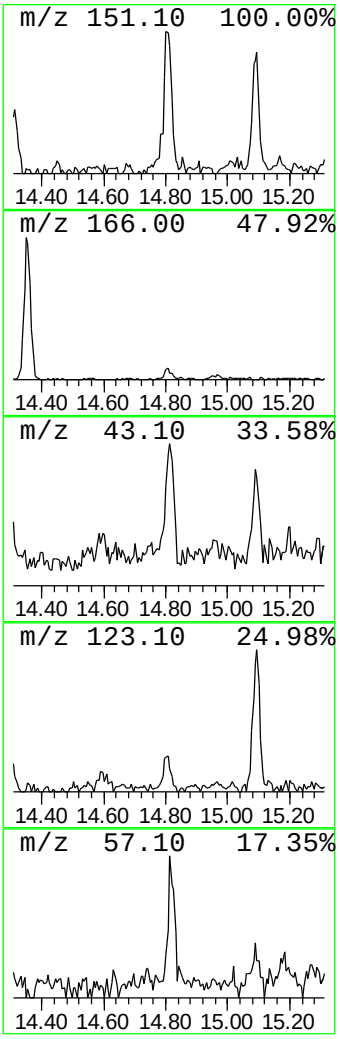
****

Peak Number 3 Apocynin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.25 ng/ul	104092	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Apocynin	166	C9H10O3	000498-02-2	76
2	Apocynin	166	C9H10O3	000498-02-2	64
3	t-Butylhydroquinone	166	C10H14O2	001948-33-0	59
4	Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	59
5	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	59





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

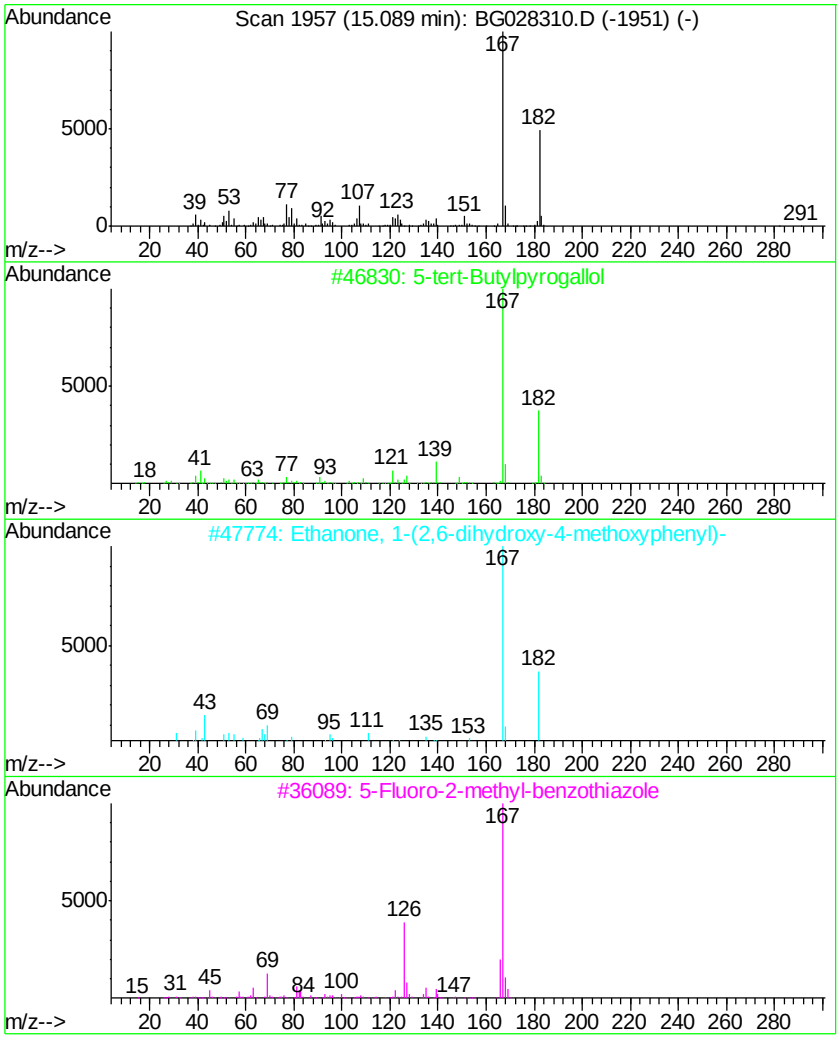
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

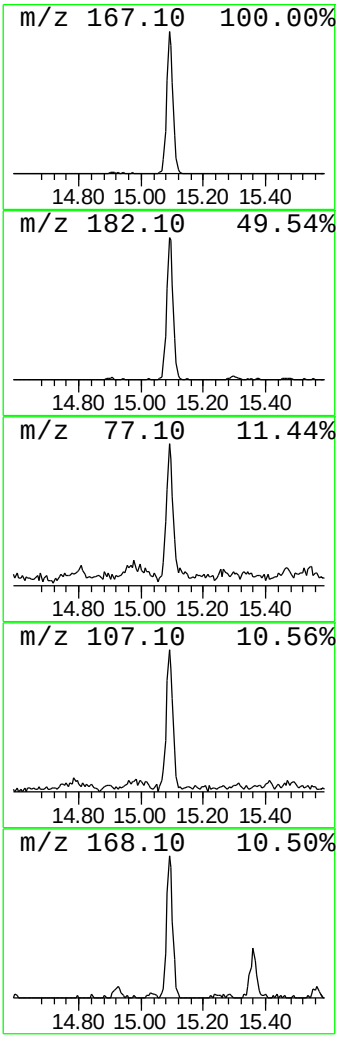
****

Peak Number 4 5-tert-Butylpyrogallol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	12.25 ng/ul	566193	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	64
2	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	59
3	5-Fluoro-2-methyl-benzothiazole	167	C8H6FNS	000399-75-7	43
4	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	42
5	Silane, dimethoxymethylphenyl-	182	C9H14O2Si	003027-21-2	42





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Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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

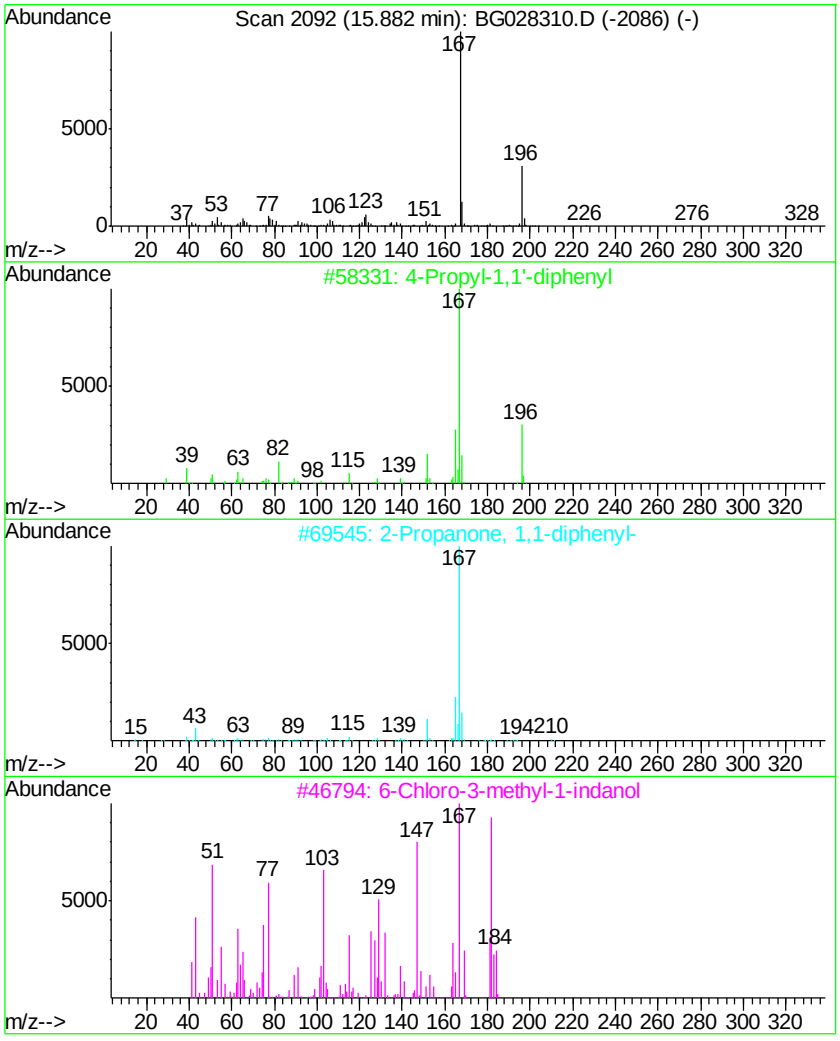
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

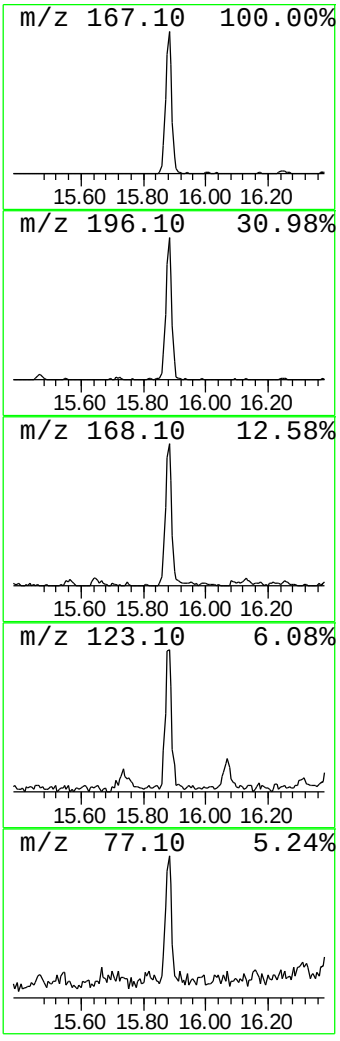
****

Peak Number 5 4-Propyl-1,1'-diphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	12.60 ng/ul	582604	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64
2	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	50
3	6-Chloro-3-methyl-1-indanol	182	C10H11ClO	055058-79-2	47
4	2,6-Dimethyl-5-trimethylsilyloxy...	238	C14H26OSi	1000299-47-7	36
5	Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	33





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Data File : BG028310.D
Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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

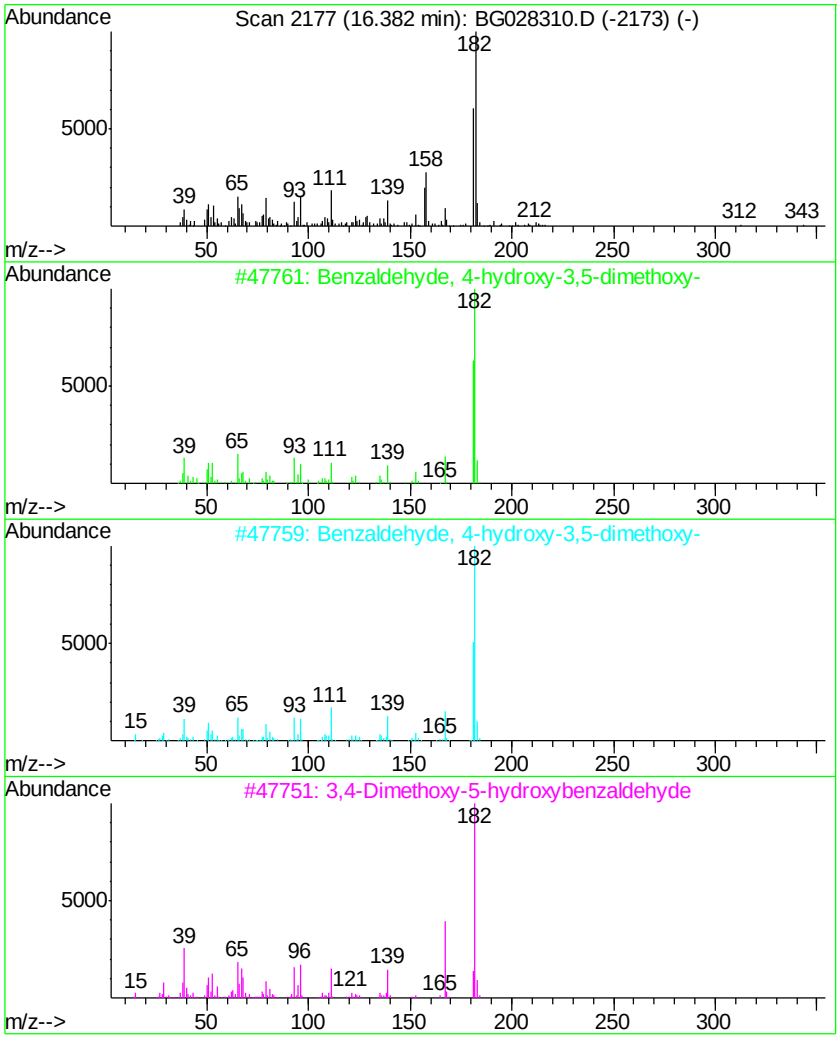
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

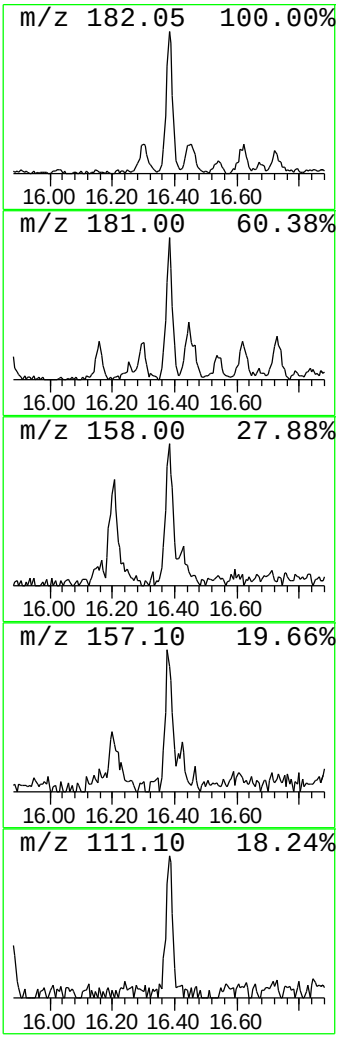
****

Peak Number 6 Benzaldehyde, 4-hydroxy-3,5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.03 ng/ul	170919	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	96
2	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	94
3	3,4-Dimethoxy-5-hydroxybenzaldehyde	182	C9H10O4	029865-90-5	78
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	58
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	53





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Acq On : 12 Aug 2017 4:51
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Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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

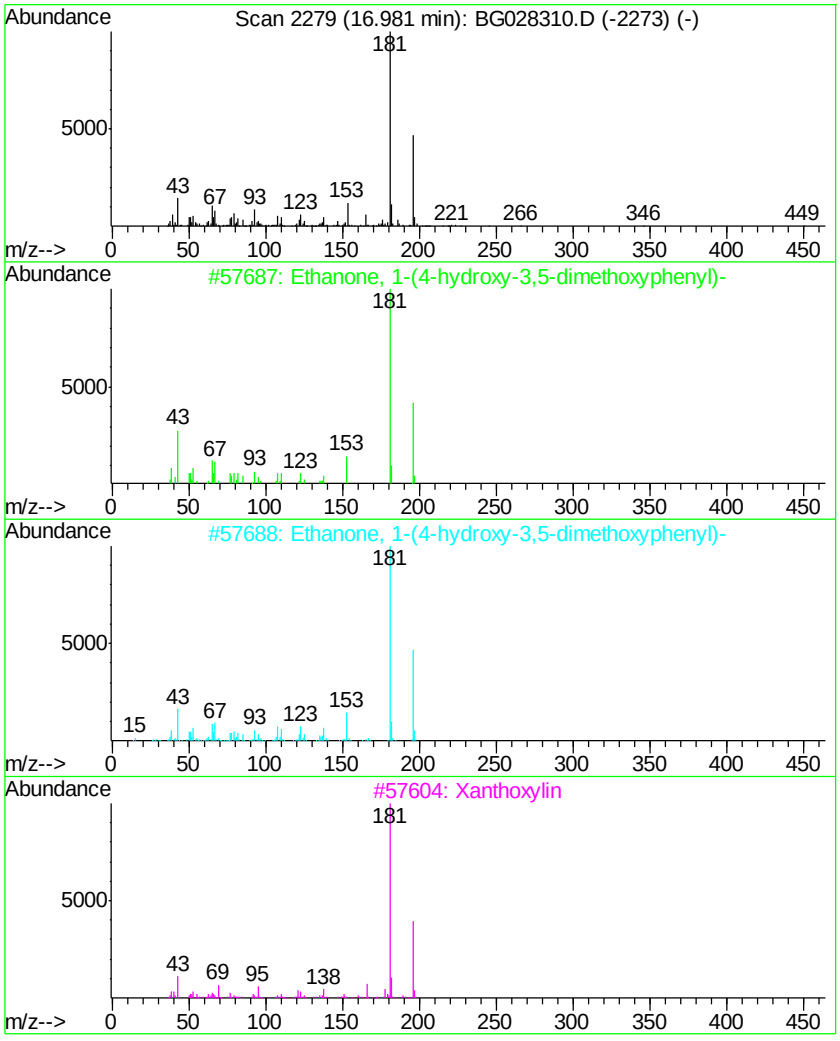
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

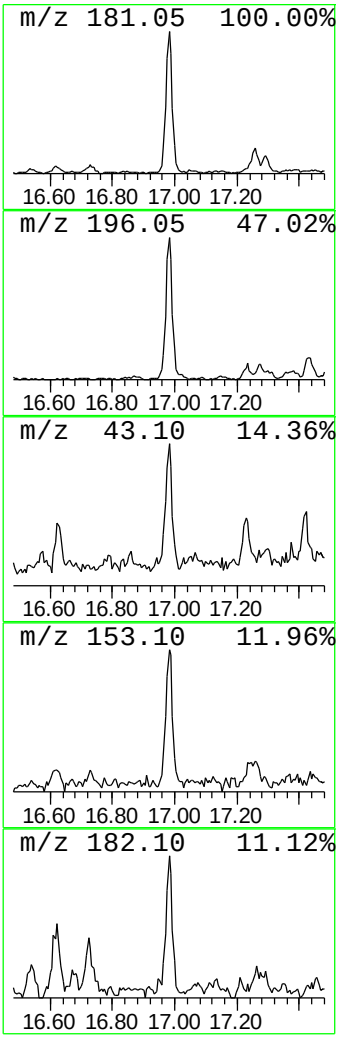
****

Peak Number 7 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	7.98 ng/ul	450734	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	95
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	93
3	Xanthoxylin	196	C10H12O4	000090-24-4	83
4	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	74
5	2-t-Butylthieno[2,3-b]thiophene	196	C10H12S2	1000250-49-6	64





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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
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Instrument : BNA_G
ClientSampleId : C0AA8

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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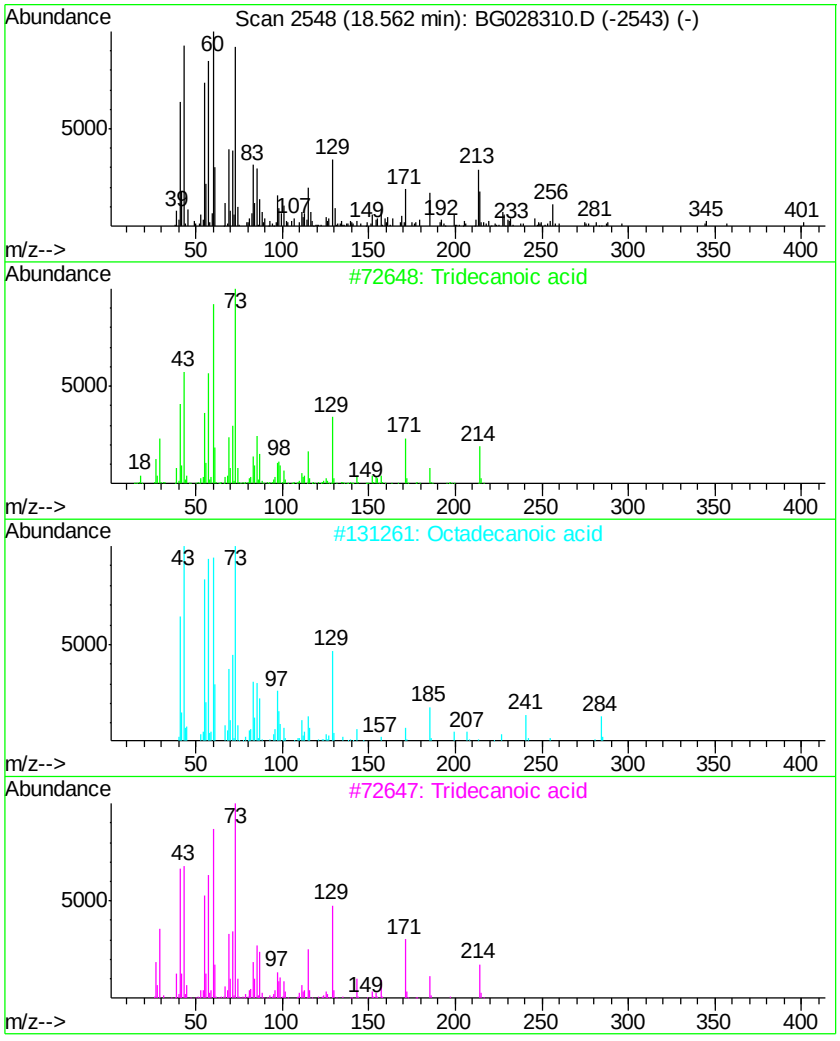
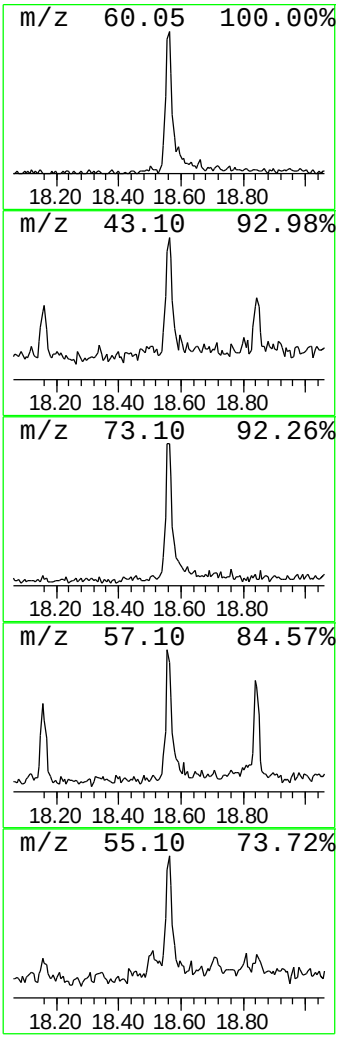
Peak Number 8 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.19 ng/ul	236427	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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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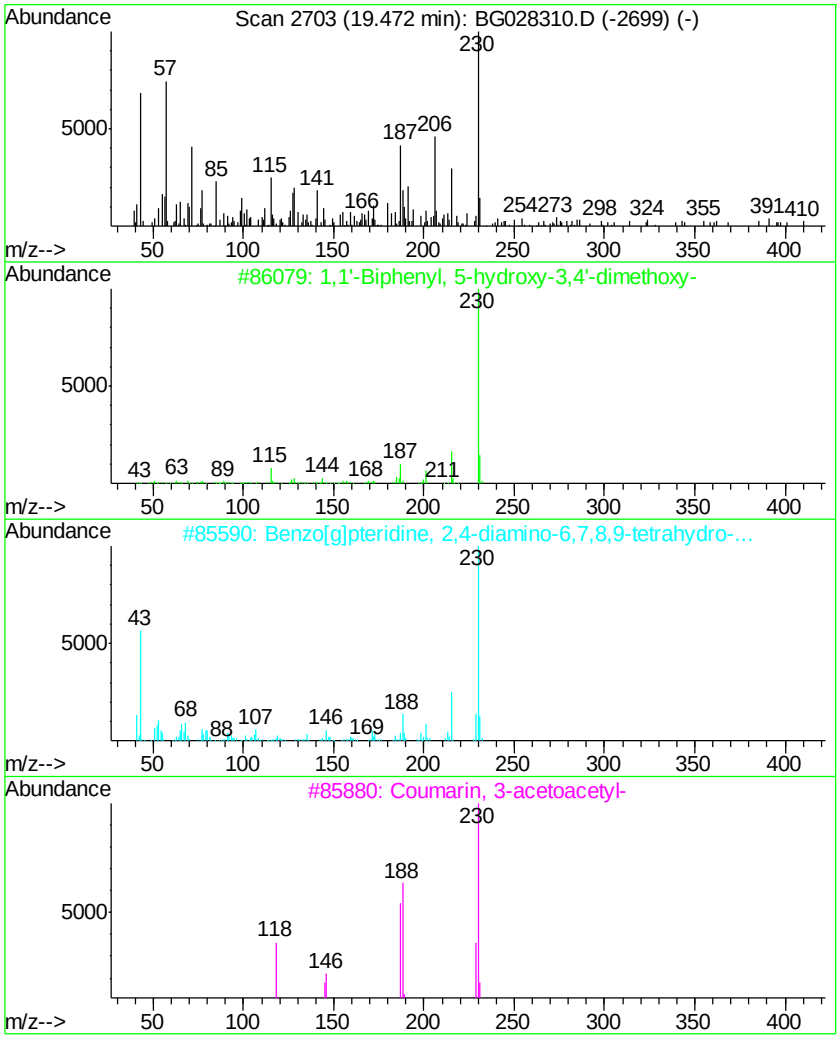
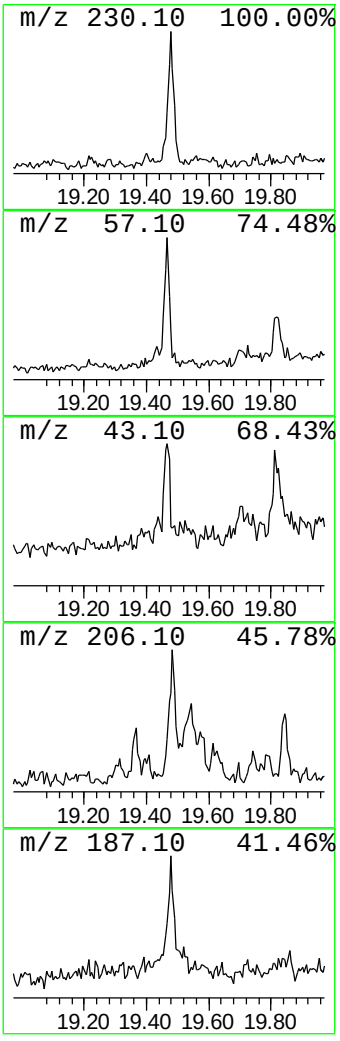
Peak Number 9 1,1'-Biphenyl, 5-hydroxy-3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.76 ng/ul	156101	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 5-hydroxy-3,4'-di...	230	C14H14O3	119101-26-7	58
2	Benzo[g]pteridine, 2,4-diamino-6...	230	C11H14N6	063630-26-2	41
3	Coumarin, 3-acetoacetyl-	230	C13H10O4	013252-79-4	25
4	1,5-Diaminonaphthalene, N-trimet...	230	C13H18N2Si	1000364-96-3	22
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	22





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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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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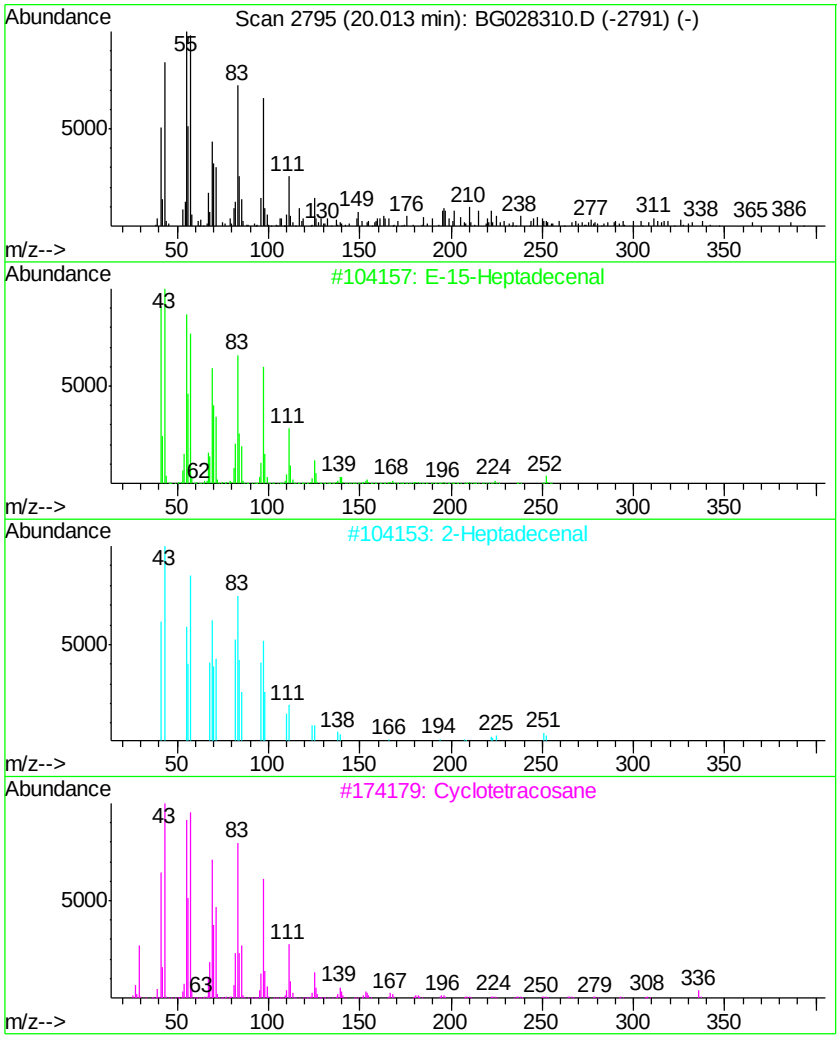
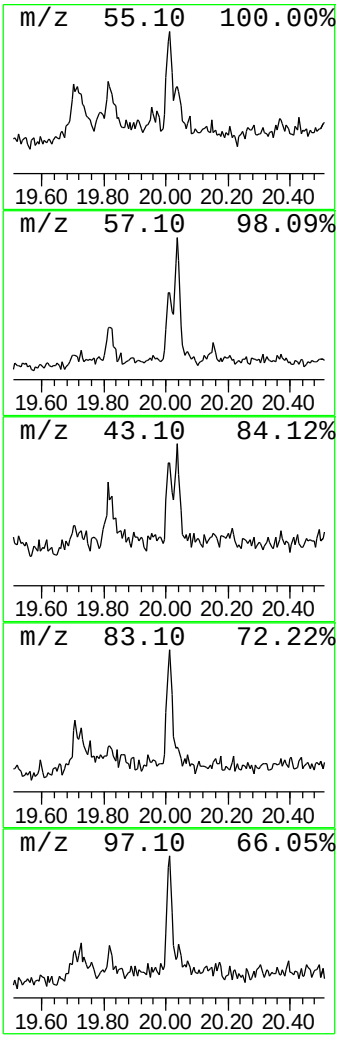
Peak Number 10 E-15-Heptadecenal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	2.05 ng/ul	116822	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
2	2-Heptadecenal	252	C17H32O	1000143-48-6	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Pentadecene	210	C15H30	013360-61-7	91
5	1-Hexadecanethiol	258	C16H34S	002917-26-2	90





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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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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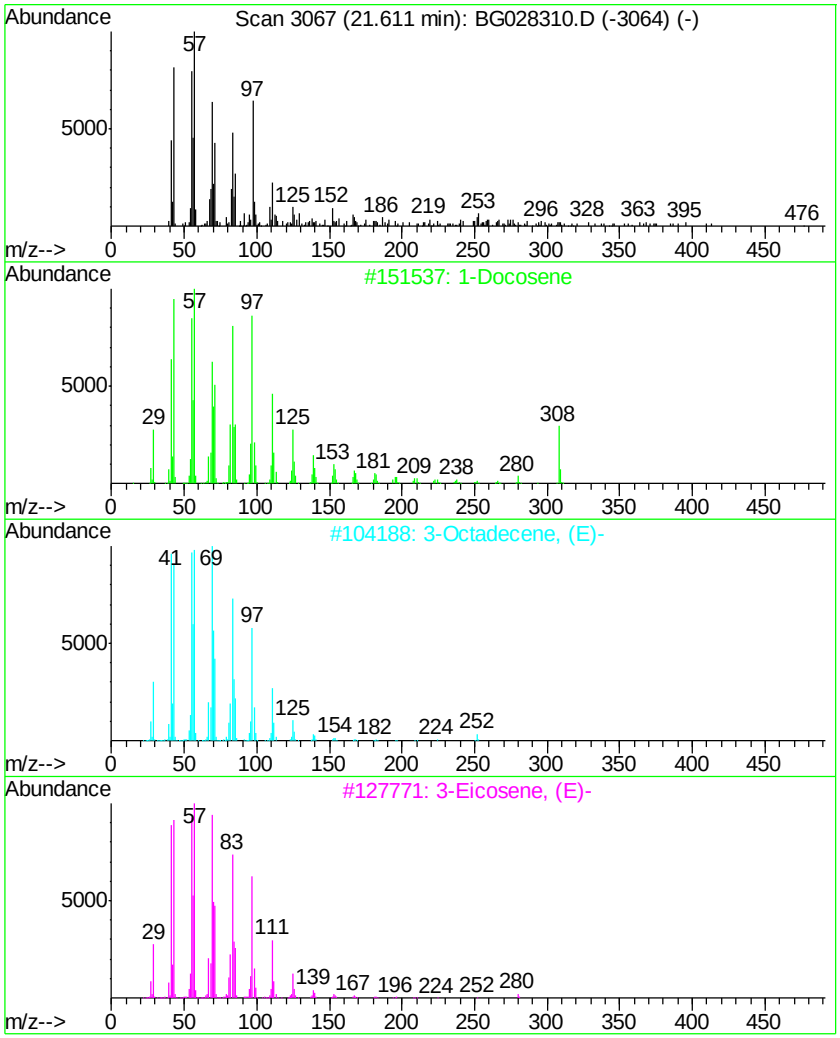
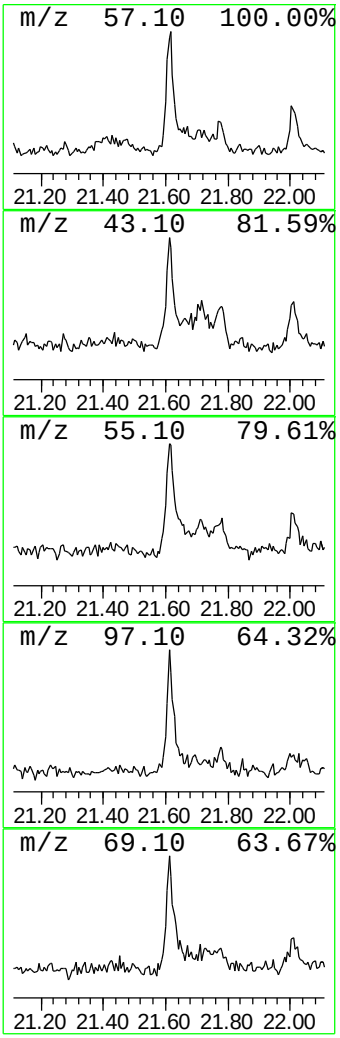
Peak Number 11 (DEL) Alkane: Cyclic21.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	3.95 ng/ul	225602	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	70
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	68
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	62





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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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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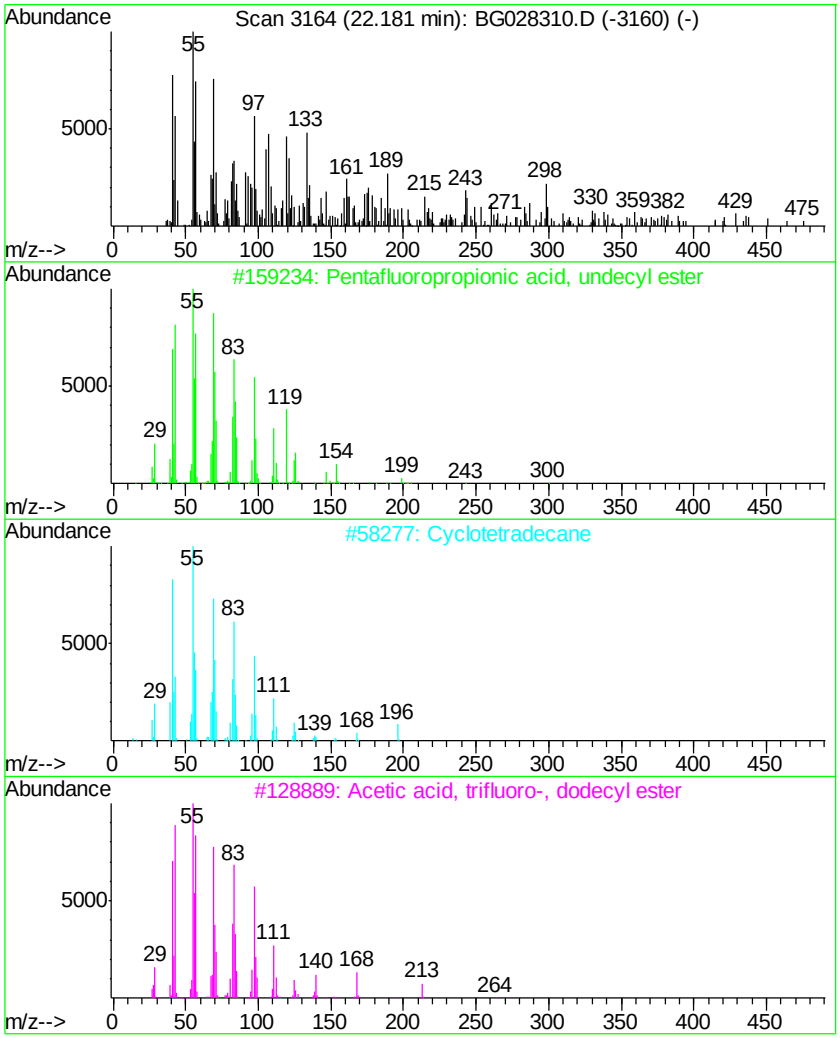
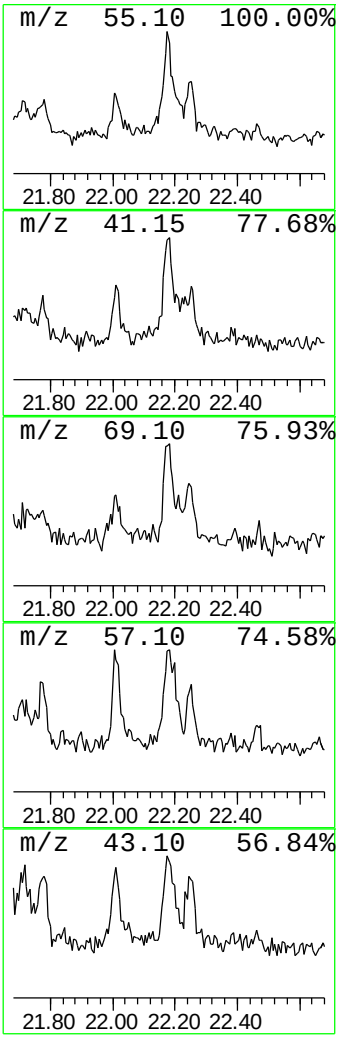
Peak Number 12 unknown01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	6.50 ng/ul	371096	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	45
2	Cyclotetradecane	196	C14H28	000295-17-0	42
3	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	30
4	Acetic acid, 1,3,7-trimethylocta...	210	C13H22O2	091418-25-6	27
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	27





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Acq On : 12 Aug 2017 4:51
Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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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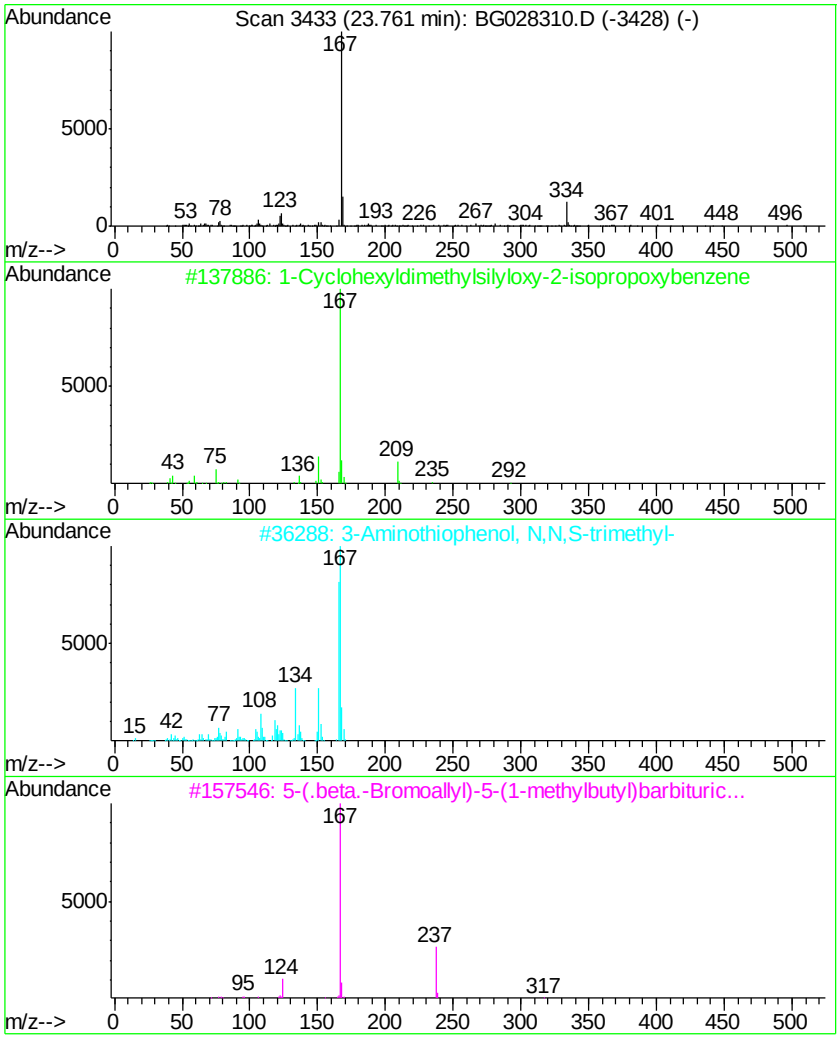
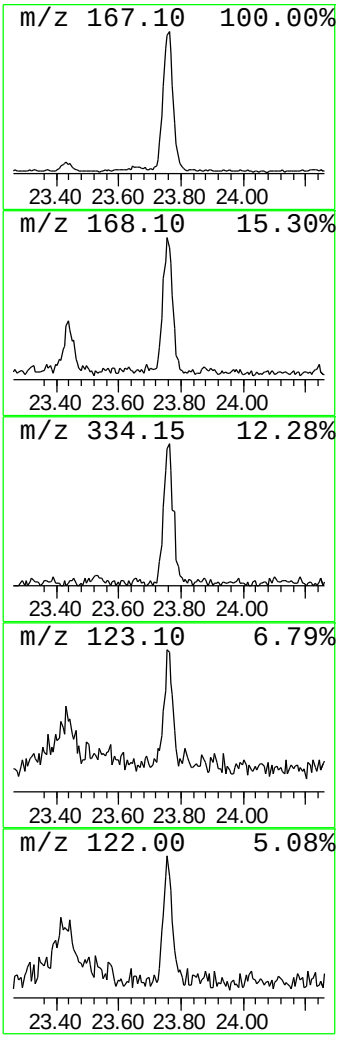
Peak Number 13 unknown02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	5.06 ng/ul	289051	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyldimethylsilyloxy-2-i...	292	C17H28O2Si	1000299-10-2	38
2	3-Aminothiophenol, N,N,S-trimethyl-	167	C9H13NS	1000353-08-1	38
3	5-(.beta.-Bromoallyl)-5-(1-methy...	316	C12H17BrN2O3	001216-40-6	36
4	Benzene, 1,1',1'',1'''-(1,2-etha...	334	C26H22	000632-50-8	23
5	2,6-Dimethyl-N-(diphenylmethyl)b...	287	C21H21N	1000326-47-3	12





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Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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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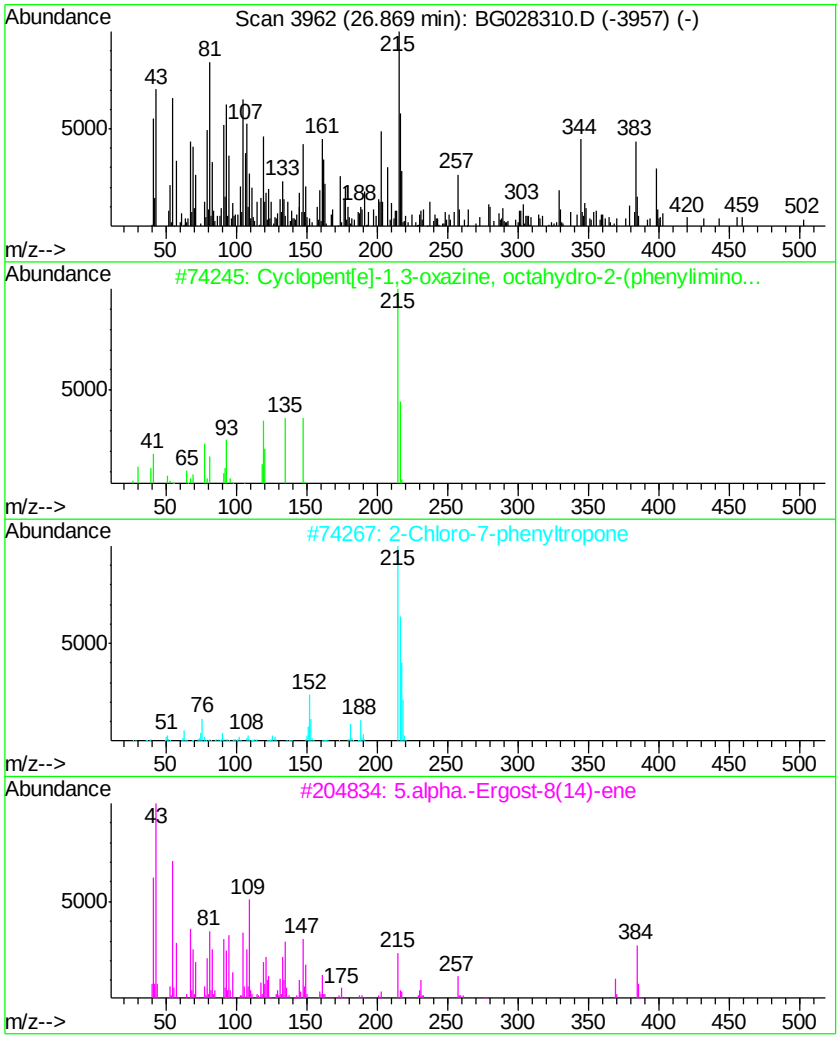
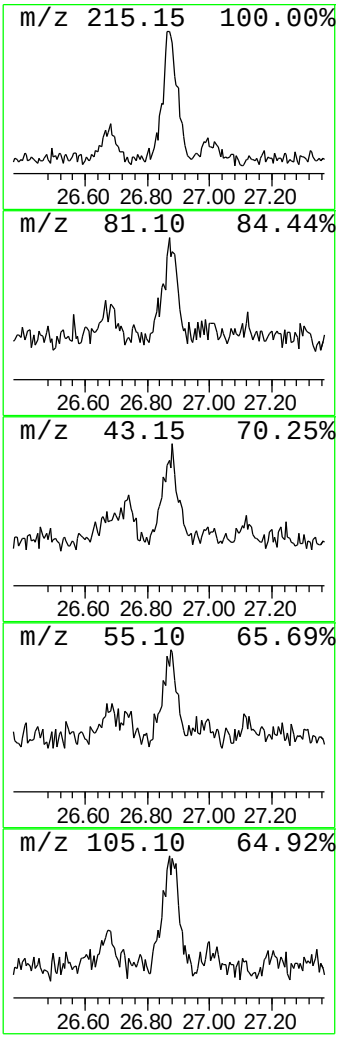
Peak Number 14 unknown03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.87	8.55 ng/ul	454178	Perylene-d12	25.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	35
2	2-Chloro-7-phenyltropone	216	C13H9ClO	090128-01-1	18
3	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	15
4	7-Hydroxy-4-methoxyfuro[2,3-b]qu...	215	C12H9NO3	020643-71-4	15
5	11-Azatricyclo[6.2.1.0(2,7)]unde...	215	C13H13NO2	1000306-00-6	14





Tentatively Identified Compound (LSC) summary

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Data File : BG028310.D
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Operator : SJ/JU
Sample : I4504-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2,6-dimet...	13.23	2.9	ng/ul	134999	3	14.97	924433	20.0
Phenol, 4-methoxy...	14.30	8.2	ng/ul	378159	3	14.97	924433	20.0
Apocynin	14.81	2.3	ng/ul	104092	3	14.97	924433	20.0
5-tert-Butylpyrog...	15.09	12.3	ng/ul	566193	3	14.97	924433	20.0
4-Propyl-1,1'-dip...	15.88	12.6	ng/ul	582604	3	14.97	924433	20.0
Benzaldehyde, 4-h...	16.38	3.0	ng/ul	170919	4	17.72	1129650	20.0
Ethanone, 1-(4-hy...	16.98	8.0	ng/ul	450734	4	17.72	1129650	20.0
Tridecanoic acid	18.56	4.2	ng/ul	236427	4	17.72	1129650	20.0
1,1'-Biphenyl, 5-...	19.47	2.8	ng/ul	156101	4	17.72	1129650	20.0
E-15-Heptadecenal	20.01	2.0	ng/ul	116822	5	22.05	1141650	20.0
(DEL) Alkane: Cyc...	21.61	4.0	ng/ul	225602	5	22.05	1141650	20.0
unknown01	22.18	6.5	ng/ul	371096	5	22.05	1141650	20.0
unknown02	23.76	5.1	ng/ul	289051	5	22.05	1141650	20.0
unknown03	26.87	8.6	ng/ul	454178	6	25.57	1062470	20.0