LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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	3.511	236	242	256	rBV	50256	88655	1.29%	0.108%
2	6.387	727	731	736	rBV2	1303954	1285901	18.76%	1.565%
3	6.434	736	739	747	rVV	1196944	1106777	16.15%	1.347%
4	6.522	750	754	757	rVV	1526590	1374474	20.05%	1.673%
5	6.746	789	792	796	rBV	1396625	1225808	17.88%	1.492%
6	7.134	855	858	874	rBV	1628098	1364024	19.90%	1.660%
7	7.305	884	887	891	rBV	1404072	1202587	17.54%	1.464%
8	7.634	939	943	957	rBV	1301285	1027973	15.00%	1.251%
9	7.881	982	985	994	rBV	1640055	1628040	23.75%	1.981%
10	8.034	1007	1011	1014	rVV	2019923	1654023	24.13%	2.013%
11	8.093	1018	1021	1036	rVV	1244831	1122055	16.37%	1.366%
12	9.493	1255	1259	1261	rVV	2645421	2434181	35.51%	2.963%
13	9.510	1261	1262	1267	rVV	1163662	812290	11.85%	0.989%
14	9.640	1281	1284	1293	rVB	3351259	3061225	44.66%	3.726%
15	9.799	1307	1311	1314	rVV	2391768	1967413	28.70%	2.395%
16	9.910	1327	1330	1339	rBV	464432	576272	8.41%	0.701%
17	10.005	1343	1346	1349	rVV	122262	106729	1.56%	0.130%
18	10.216	1377	1382	1384	rBV2	92975	108563	1.58%	0.132%
19	10.246	1384	1387	1391	rVB	308888	253095	3.69%	0.308%
20	10.322	1396	1400	1403	rVV	4163267	3640346	53.11%	4.431%
21	10.346	1403	1404	1409	rVV	173905	118926	1.73%	0.145%
22	10.393	1409	1412	1417	rVV	665545	591144	8.62%	0.719%
23	10.446	1417	1421	1429	rVV5	81255	205179	2.99%	0.250%
24	10.716	1464	1467	1475	rVB5	98339	137951	2.01%	0.168%
25	11.293	1562	1565	1568	rBV	2255865	2186069	31.89%	2.661%
26	11.316	1568	1569	1572	rVV	1336902	965622	14.09%	1.175%
27	11.352	1572	1575	1578	rVV	4061085	3623339	52.86%	4.410%
28	11.528	1600	1605	1608	rBV2	129590	139953	2.04%	0.170%
29	11.599	1615	1617	1620	rVV2	119718	96170	1.40%	0.117%
30	11.634	1620	1623	1629	rVB2	187787	240268	3.51%	0.292%
31	11.710	1633	1636	1640	rVB2	111599	124200	1.81%	0.151%
32	11.804	1648	1652	1654	rBV	352788	326928	4.77%	0.398%
33	11.834	1654	1657	1660	rVV	452853	485190	7.08%	0.591%
34	11.869	1660	1663	1667	rVB2	457386	453896	6.62%	0.552%

LSC Area Percent Report

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Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

35	11.916	1667	1671	1674	rBV2	910309	1007346	14.70%	1.226%
36	11.940	1674	1675	1676	rVV	244854	129803	1.89%	0.158%
37	11.957	1676	1678	1680	rVB	296916	219744	3.21%	0.267%
38	11.981	1680	1682	1685	rBV2	203716	156958	2.29%	0.191%
39	12.093	1697	1701	1704	rBV2	318303	456789	6.66%	0.556%
40	12.128	1704	1707	1713	rVB3	232943	269050	3.92%	0.327%
41	12.175	1713	1715	1717	rBV	129674	102819	1.50%	0.125%
42	12.199	1717	1719	1723	rVB2	230949	182948	2.67%	0.223%
43	12.257	1726	1729	1732	rVB2	148327	125628	1.83%	0.153%
44	12.363	1743	1747	1749	rBV	356315	369847	5.40%	0.450%
45	12.393	1749	1752	1755	rVV2	315374	330156	4.82%	0.402%
46	12.422	1755	1757	1759	rVV2	378498	394849	5.76%	0.481%
47	12.446	1759	1761	1766	rVB4	639570	707939	10.33%	0.862%
48	12.493	1766	1769	1771	rBV2	113901	134391	1.96%	0.164%
49	12.522	1771	1774	1778	rVB	2541767	2227755	32.50%	2.711%
50	12.575	1780	1783	1788	rBV5	231041	440511	6.43%	0.536%
51	12.622	1788	1791	1794	rVB	529301	502546	7.33%	0.612%
52	12.663	1795	1798	1804	rVB5	333468	339093	4.95%	0.413%
53	12.740	1807	1811	1813	rBV	4183797	4542931	66.27%	5.529%
54	12.757	1813	1814	1817	rVV	2805992	1521173	22.19%	1.851%
55	12.787	1817	1819	1823	rVV4	103861	136830	2.00%	0.167%
56	12.846	1826	1829	1831	rVB	184661	155793	2.27%	0.190%
57	12.875	1831	1834	1836	rBV	261352	209606	3.06%	0.255%
58	12.916	1838	1841	1845	rVB	652208	573773	8.37%	0.698%
59	12.975	1848	1851	1854	rBV2	245349	317089	4.63%	0.386%
60	13.063	1863	1866	1867	rBV2	204264	174915	2.55%	0.213%
61	13.087	1867	1870	1874	rVB3	706587	734425	10.71%	0.894%
62	13.128	1874	1877	1879	rBV	467164	420870	6.14%	0.512%
63	13.157	1879	1882	1884	rVB	333811	290292	4.23%	0.353%
64	13.193	1885	1888	1891	rBV	435772	407574	5.95%	0.496%
65	13.287	1901	1904	1907	rBV	513029	441413	6.44%	0.537%
66	13.316	1907	1909	1911	rBV	380813	339863	4.96%	0.414%
67	13.387	1918	1921	1924	rBV	195693	180877	2.64%	0.220%
68	13.498	1934	1940	1946	rBV6	316460	592847	8.65%	0.722%
69	13.587	1952	1955	1956	rBV	211125	203835	2.97%	0.248%
70	13.604	1956	1958	1960	rVV	180874	148371	2.16%	0.181%
71	13.716	1973	1977	1979	rBV3	402164	445329	6.50%	0.542%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

72	13.746	1979	1982	1984	rVV	282043	269042	3.92%	0.327%
73	13.769	1984	1986	1992	rVV4	218399	388658	5.67%	0.473%
74	13.816	1992	1994	2002	rVB2	614948	846710	12.35%	1.031%
75	13.963	2015	2019	2023	rBV2	5864096	6854855	100.00%	8.343%
76	13.998	2023	2025	2032	rVB	1570460	1372416	20.02%	1.670%
77	14.057	2033	2035	2036	rBV	158241	134177	1.96%	0.163%
78	14.075	2036	2038	2041	rVB	258270	211128	3.08%	0.257%
79	14.116	2041	2045	2046	rBV2	429776	515425	7.52%	0.627%
80	14.234	2063	2065	2067	rBV2	127080	131882	1.92%	0.161%
81	14.257	2067	2069	2073	rVB2	166141	153693	2.24%	0.187%
82	14.298	2073	2076	2077	rBV2	216452	211222	3.08%	0.257%
83	14.363	2085	2087	2091	rVB	507607	475311	6.93%	0.578%
84	14.398	2091	2093	2097	rVB	258861	230485	3.36%	0.281%
85	14.463	2097	2104	2107	rBV5	391233	630835	9.20%	0.768%
86	14.493	2107	2109	2111	rBV	224597	181980	2.65%	0.221%
87	14.769	2152	2156	2158	rBV2	264148	323683	4.72%	0.394%
88	14.840	2165	2168	2171	rBV3	319222	373717	5.45%	0.455%
89	15.022	2195	2199	2202	rBV	1205111	1739629	25.38%	2.117%
90	15.110	2210	2214	2216	rBV2	257153	315079	4.60%	0.383%
91	15.328	2247	2251	2253	rBV	675123	826093	12.05%	1.005%
92	15.363	2253	2257	2260	rVV	2579447	3366292	49.11%	4.097%
93	15.392	2260	2262	2267	rVB	1196312	1169196	17.06%	1.423%
94	15.451	2268	2272	2275	rBV	1431777	1969227	28.73%	2.397%
95	15.481	2275	2277	2285	rVB4	1184065	1380573	20.14%	1.680%
96	15.934	2350	2354	2358	rBV2	183003	254578	3.71%	0.310%
97	16.922	2517	2522	2531	rVB2	499644	961284	14.02%	1.170%
98	17.098	2548	2552	2557	rBV	100295	163572	2.39%	0.199%
99	17.363	2591	2597	2607	rVB	343015	712606	10.40%	0.867%
100	18.816	2839	2844	2852	rVB3	130543	328091	4.79%	0.399%

Sum of corrected areas: 82162683

LSC Report - Integrated Chromatogram

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Acq On : 15 Oct 2019 15:21
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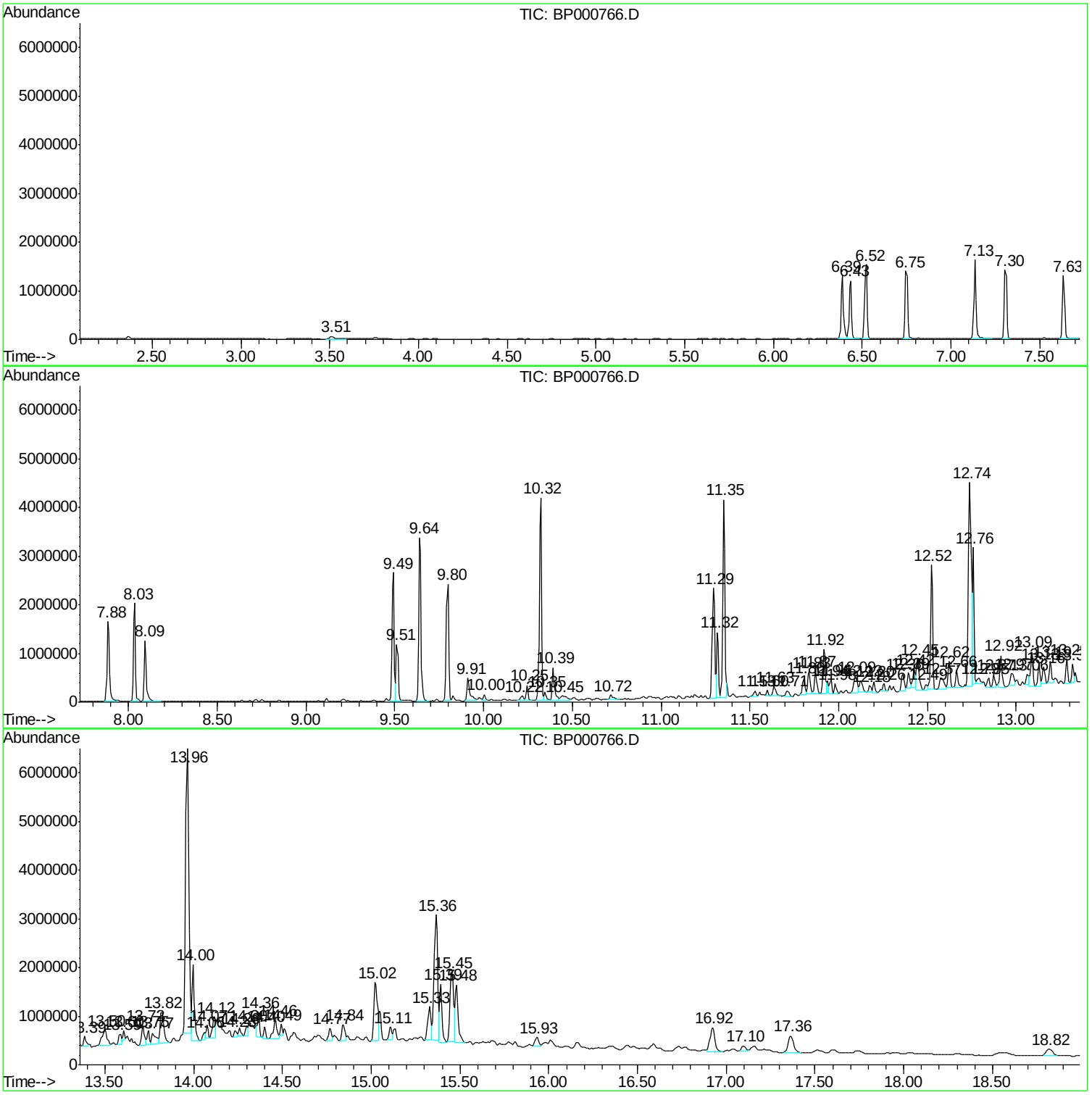
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Acq On : 15 Oct 2019 15:21
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Quant Title : SVOA CALIBRATION

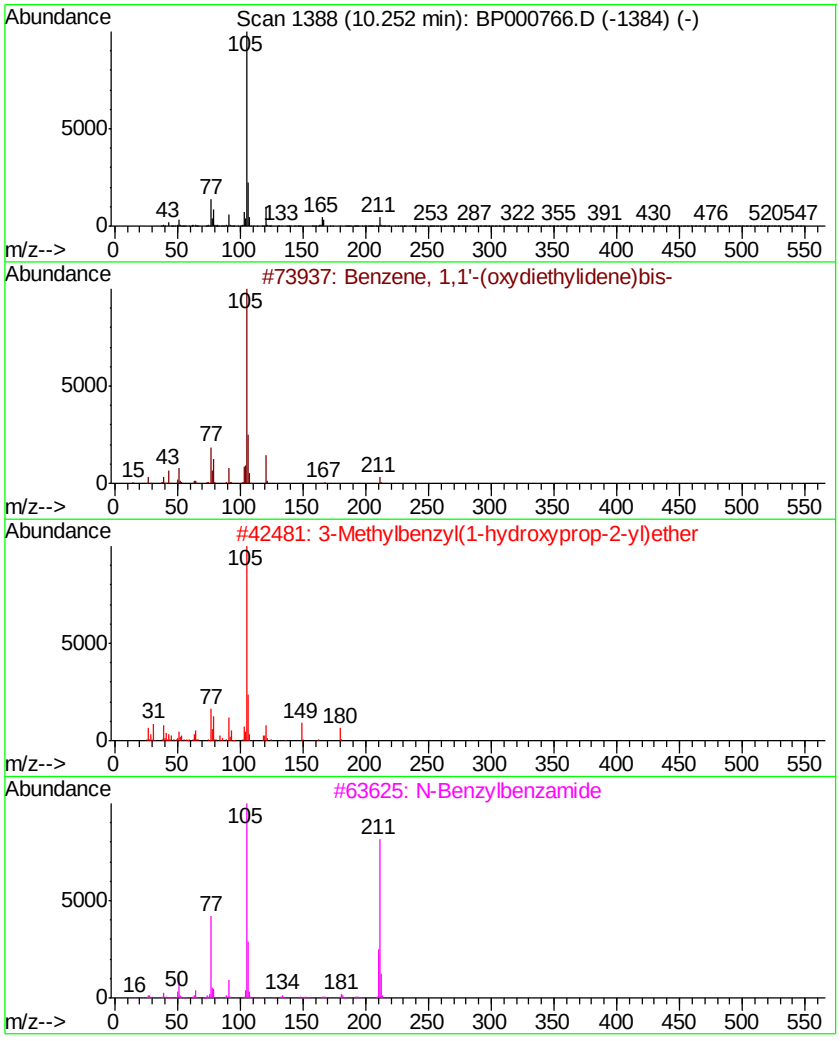
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

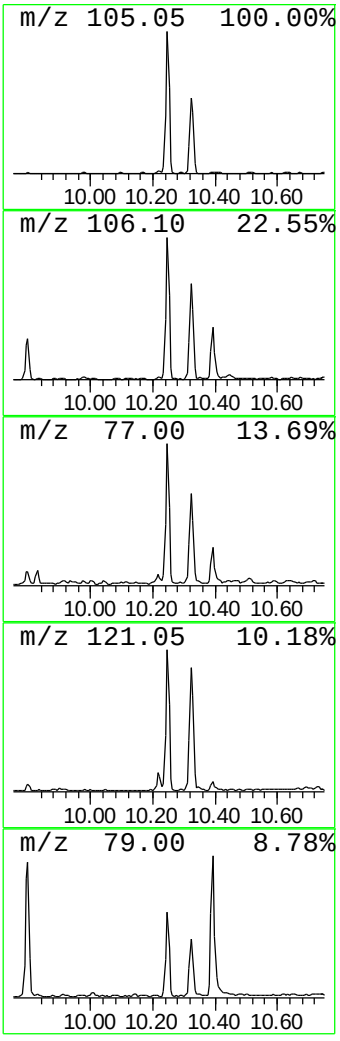
****

Peak Number 1 Benzene, 1,1'-(oxydiethylid... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.57 ng/ul	253095	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	53
2	3-Methylbenzyl(1-hydroxyprop-2-y...	180	C11H16O2	1000284-47-8	50
3	N-Benzylbenzamide	211	C14H13NO	001485-70-7	47
4	Butane, 2-phenyl-3-hydroxy-4-cyano-	175	C11H13NO	1000162-09-2	45
5	Benzene, 1,1'-(1,2-dimethyl-1,2-...	210	C16H18	005789-35-5	43





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

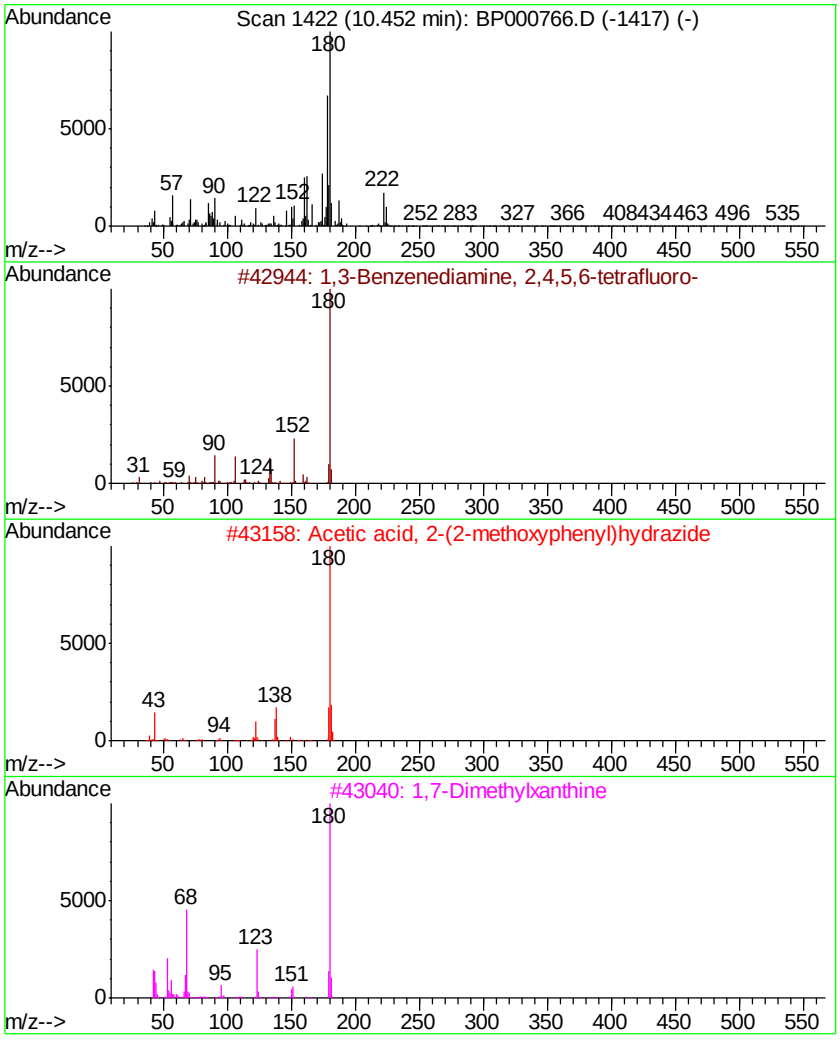
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

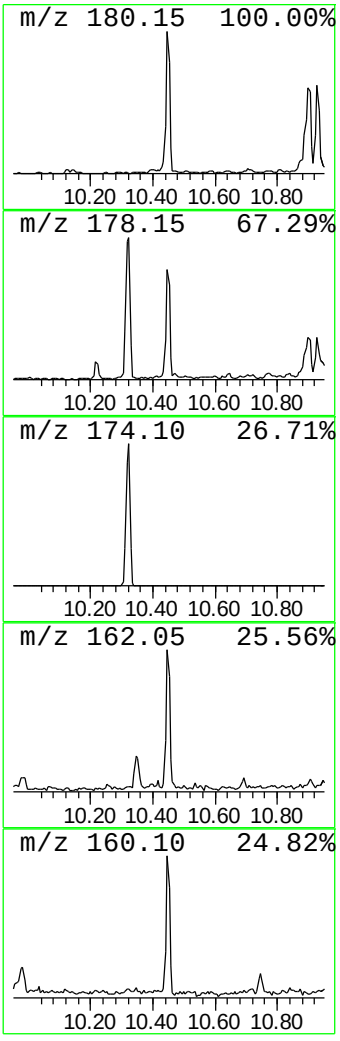
****

Peak Number 2 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.09 ng/ul	205179	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 2,4,5,6-tetr...	180	C6H4F4N2	001198-63-6	38
2	Acetic acid, 2-(2-methoxyphenyl)...	180	C9H12N2O2	079984-63-7	35
3	1,7-Dimethylxanthine	180	C7H8N4O2	000611-59-6	35
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	35
5	2,6-Dichlorobenzenethiol	178	C6H4Cl2S	024966-39-0	27





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

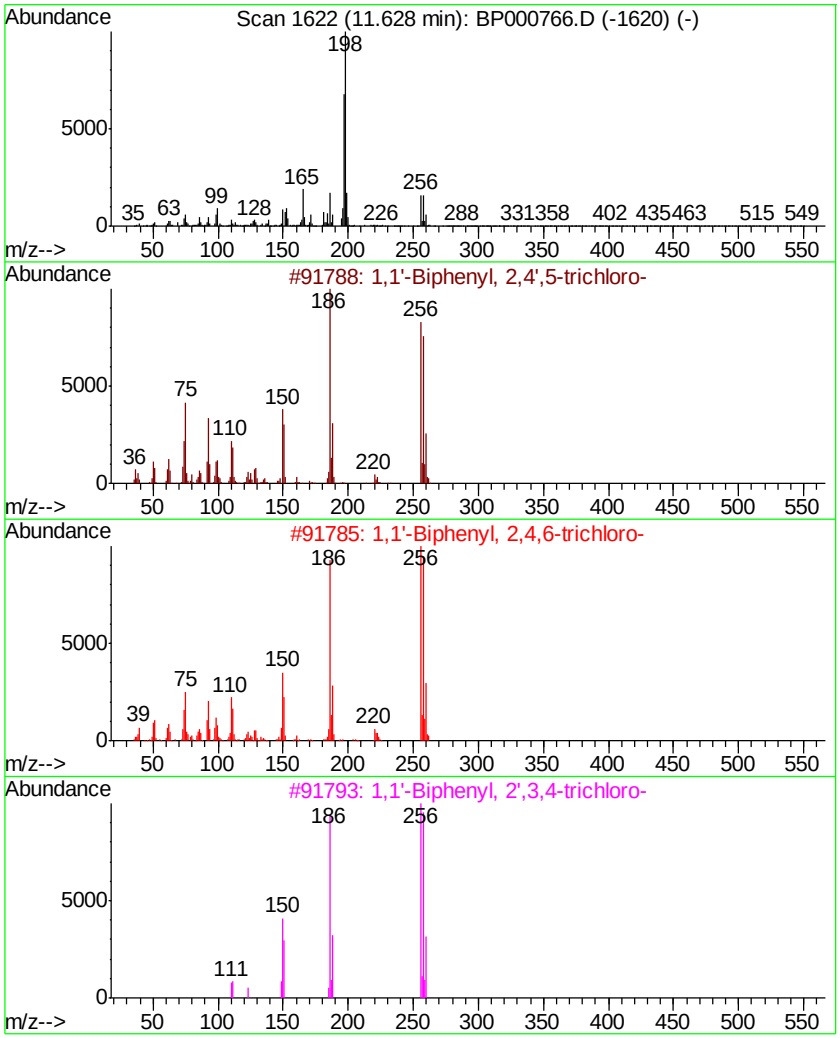
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

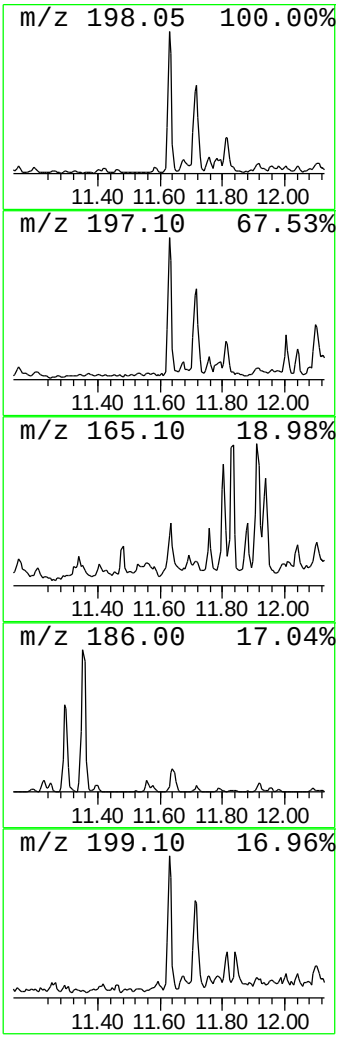
****

Peak Number 3 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.20 ng/ul	240268	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
2	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	97
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

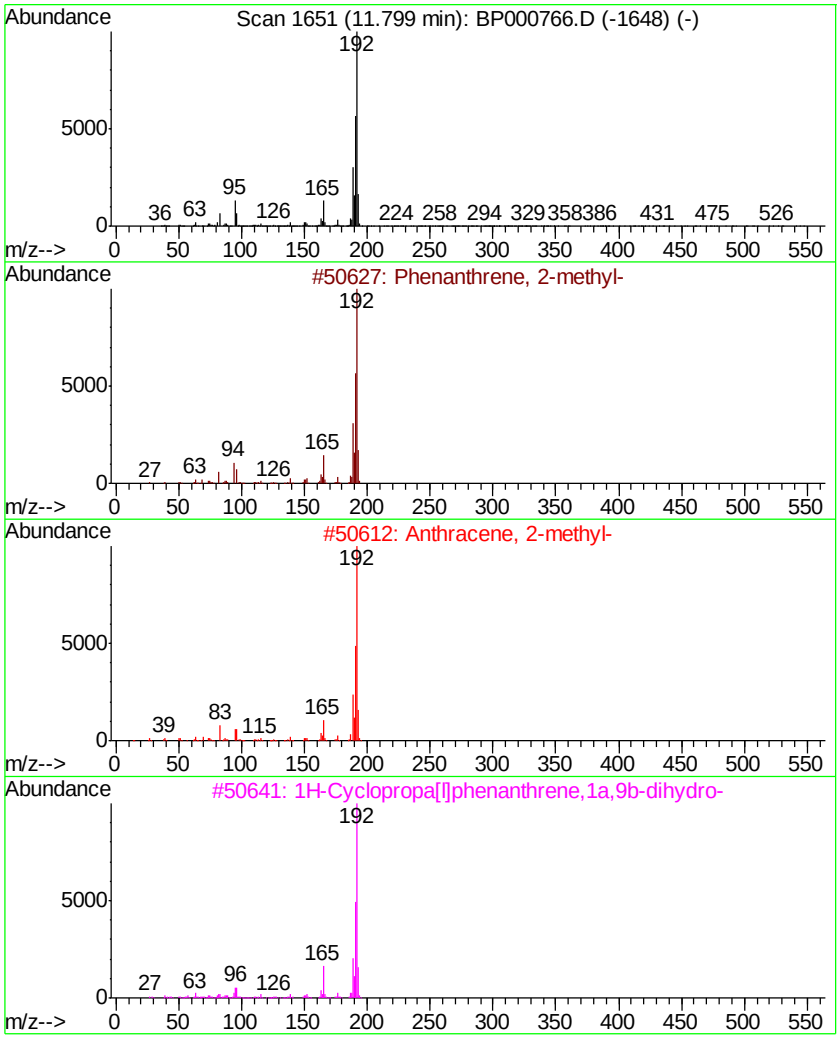
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

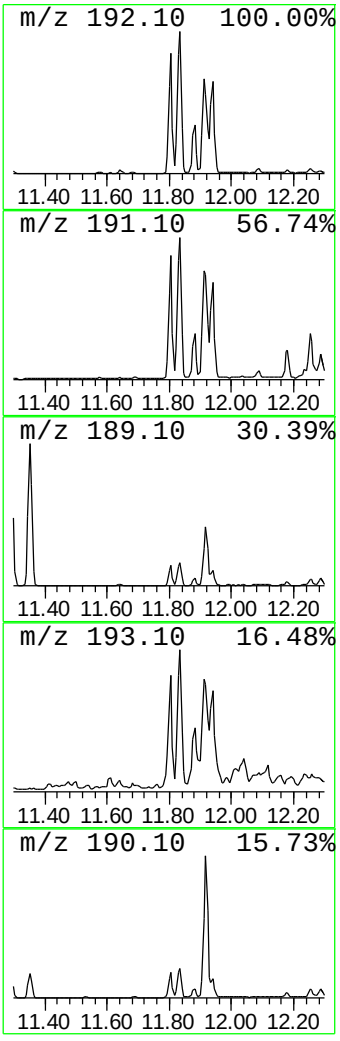
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.99 ng/ul	326928	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

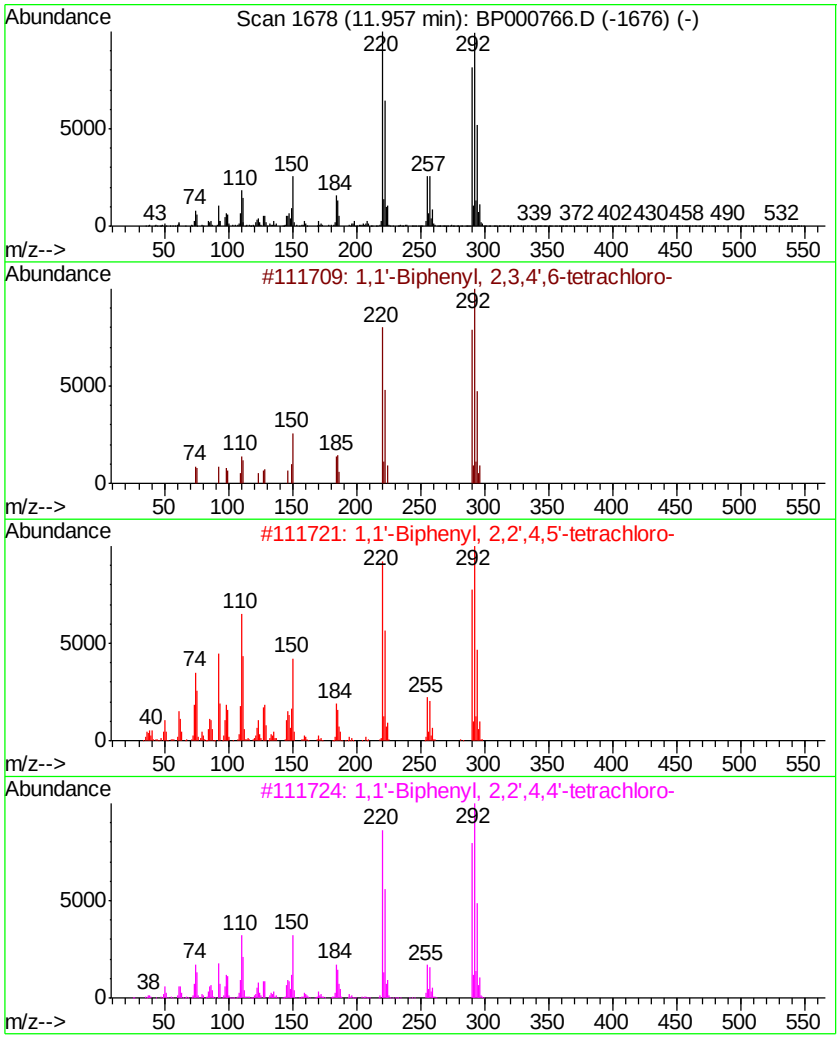
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

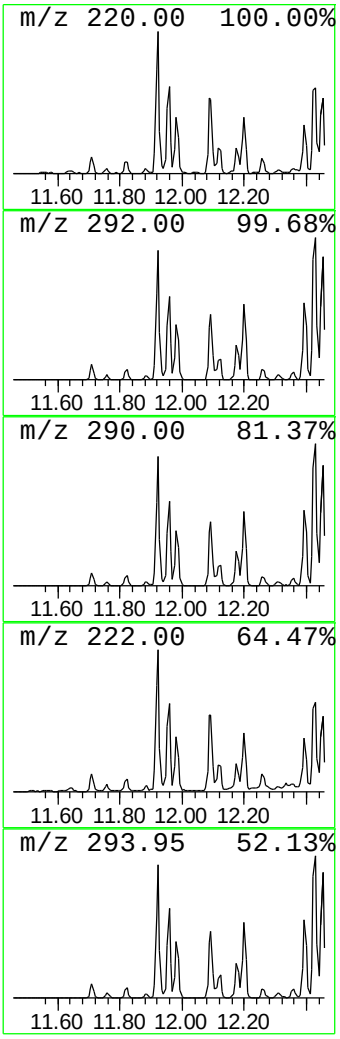
****

Peak Number 5 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.01 ng/ul	219744	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98





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Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

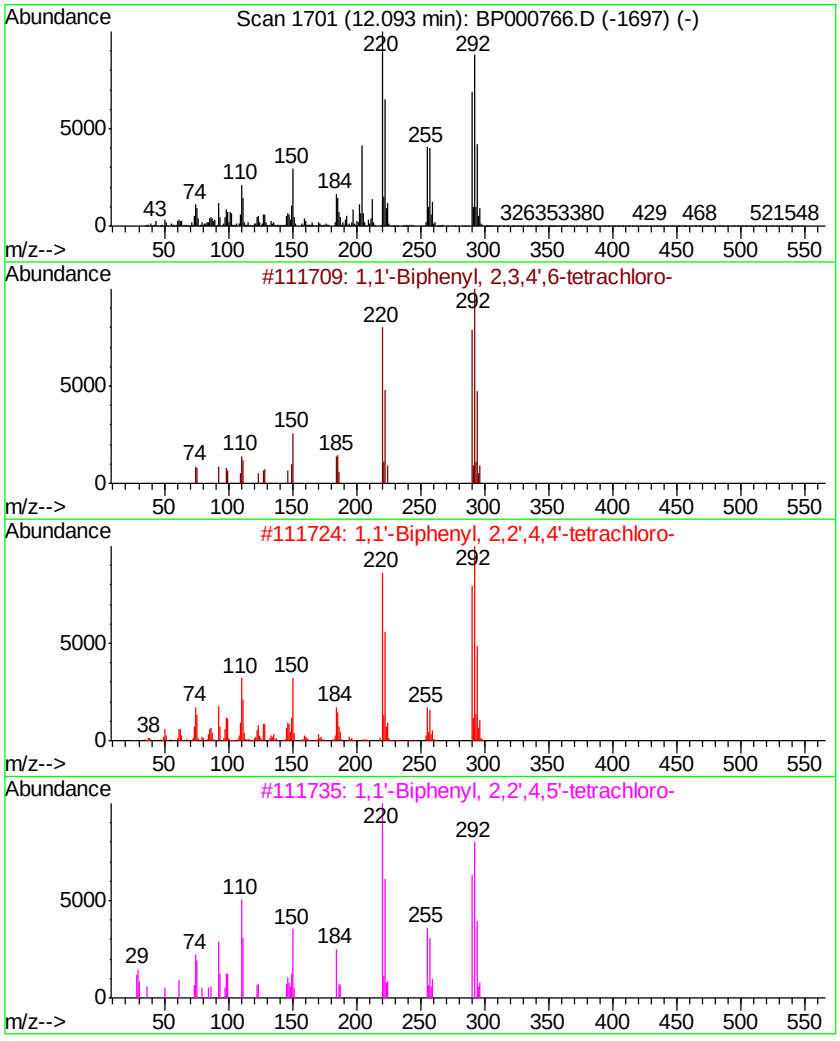
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

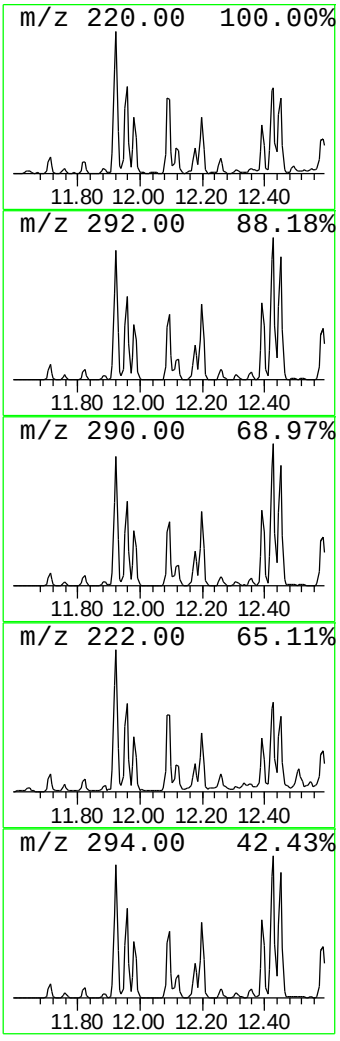
****

Peak Number 6 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.18 ng/ul	456789	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Sample : K5175-15
Misc :
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ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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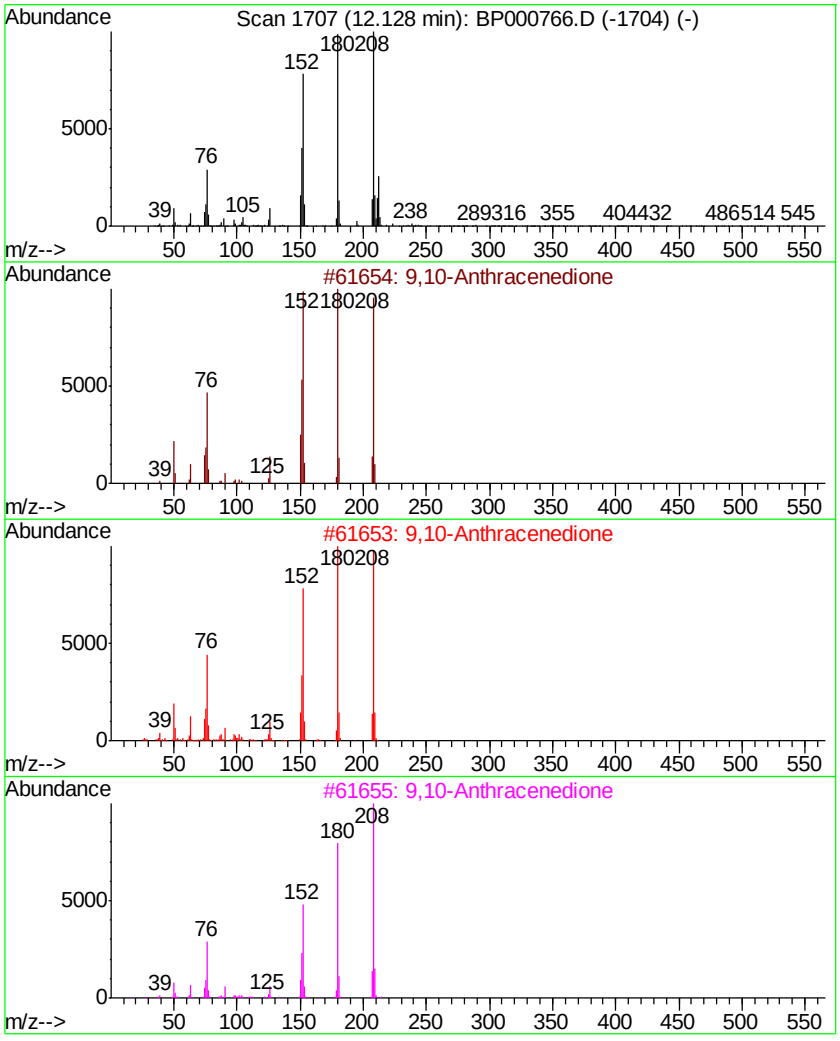
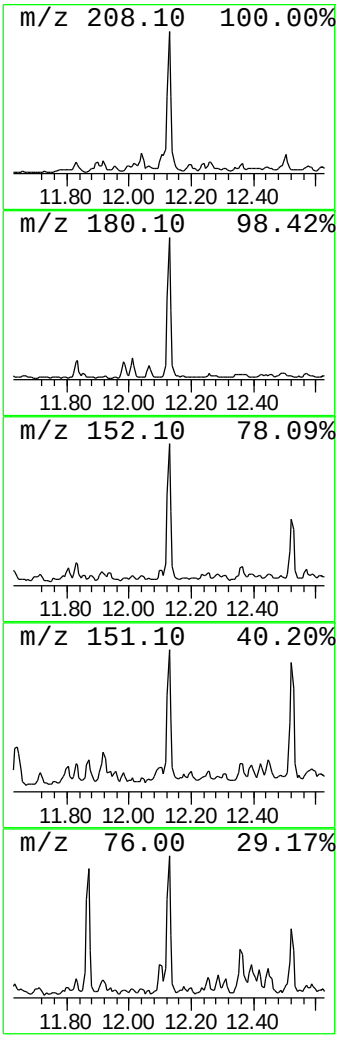
Peak Number 7 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.46 ng/ul	269050	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





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Acq On : 15 Oct 2019 15:21
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Sample : K5175-15
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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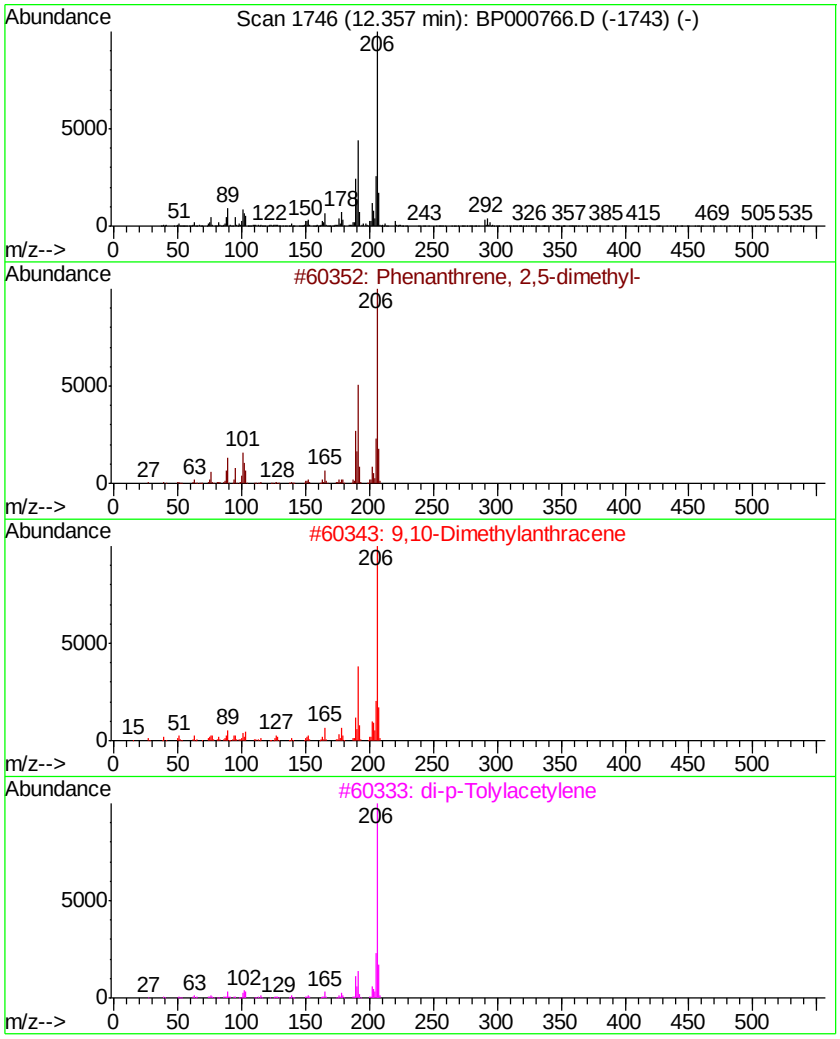
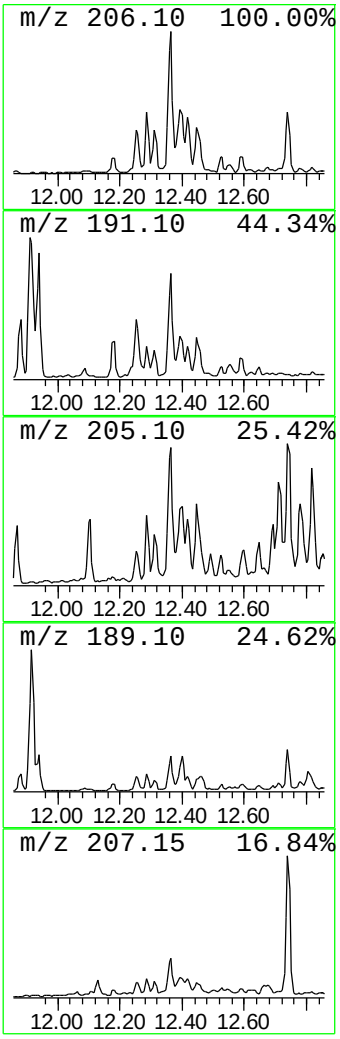
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.38 ng/ul	369847	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Acq On : 15 Oct 2019 15:21
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Sample : K5175-15
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Instrument : BNA_P
ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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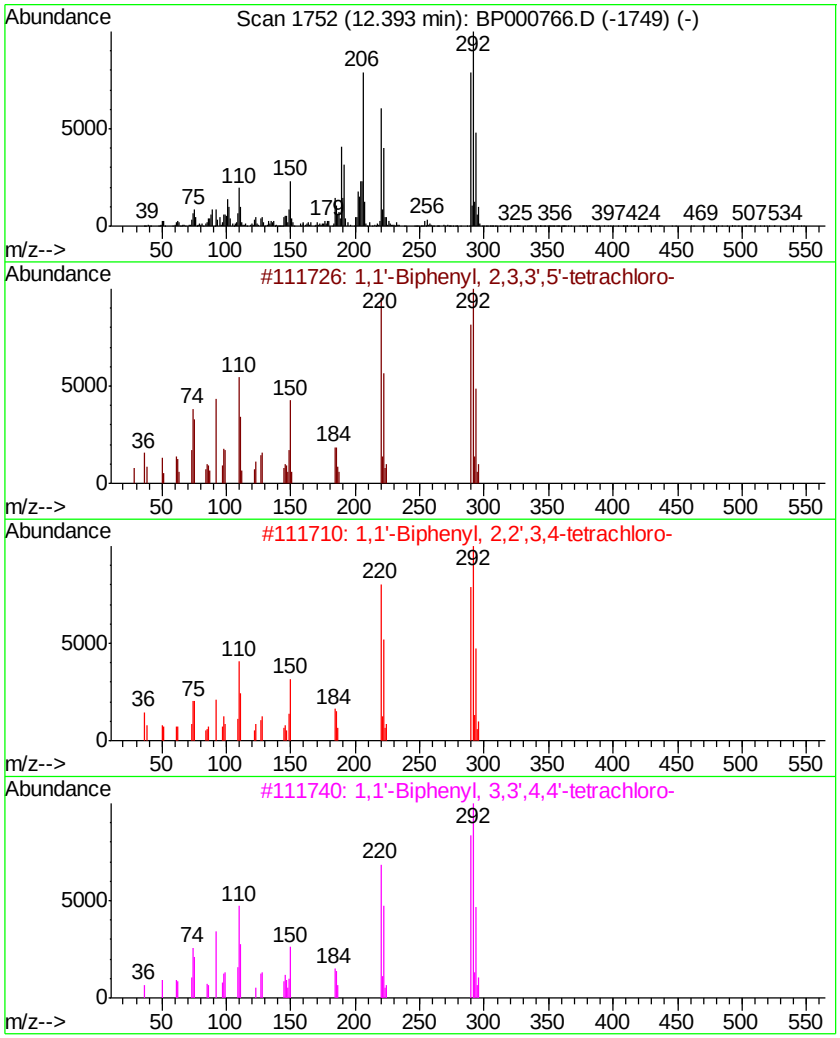
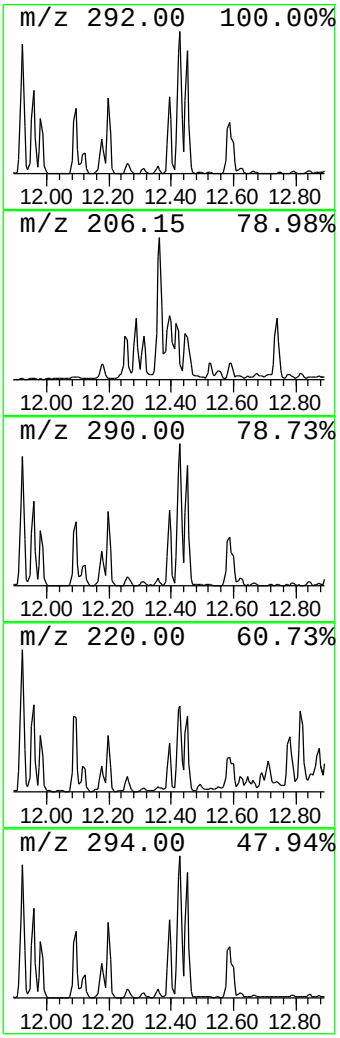
Peak Number 9 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.02 ng/ul	330156	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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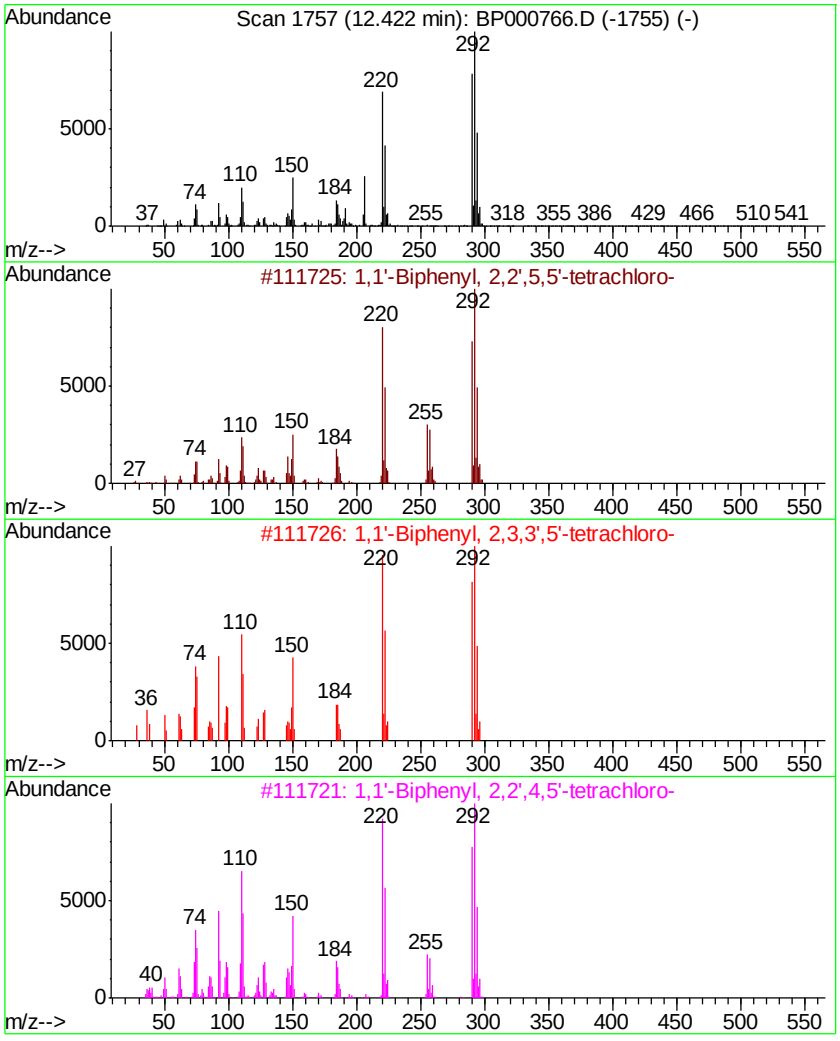
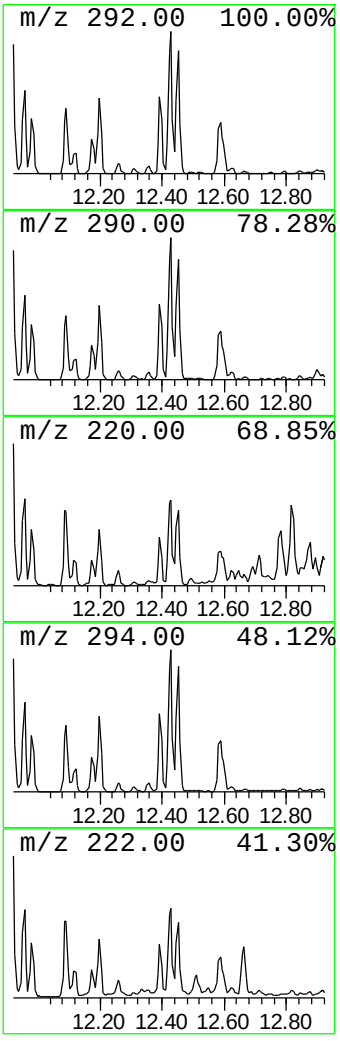
Peak Number 10 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.61 ng/ul	394849	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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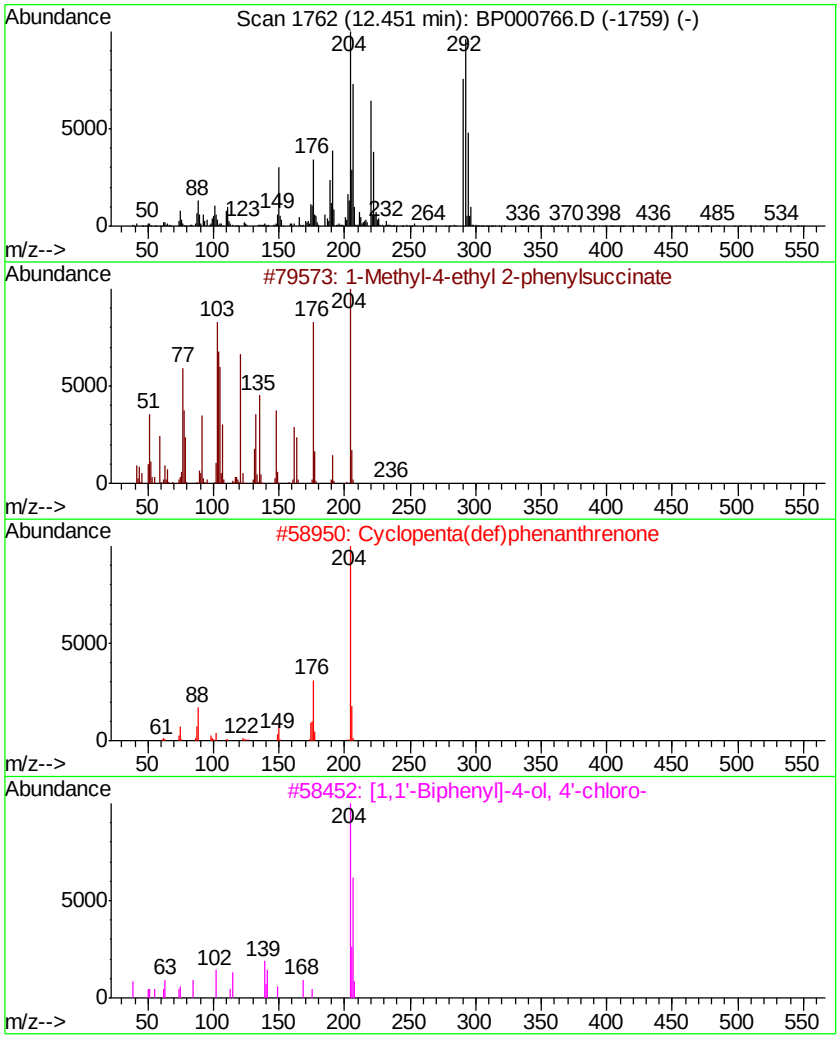
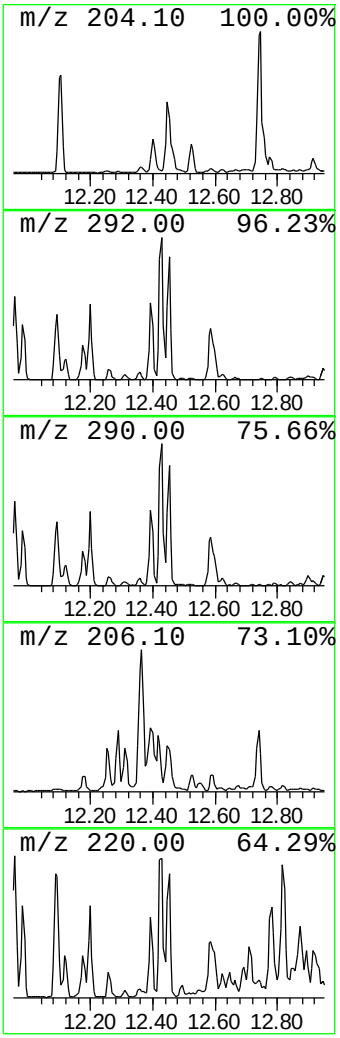
Peak Number 11 1-Methyl-4-ethyl 2-phenylsu... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	6.48 ng/ul	707939	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	60
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	35
5	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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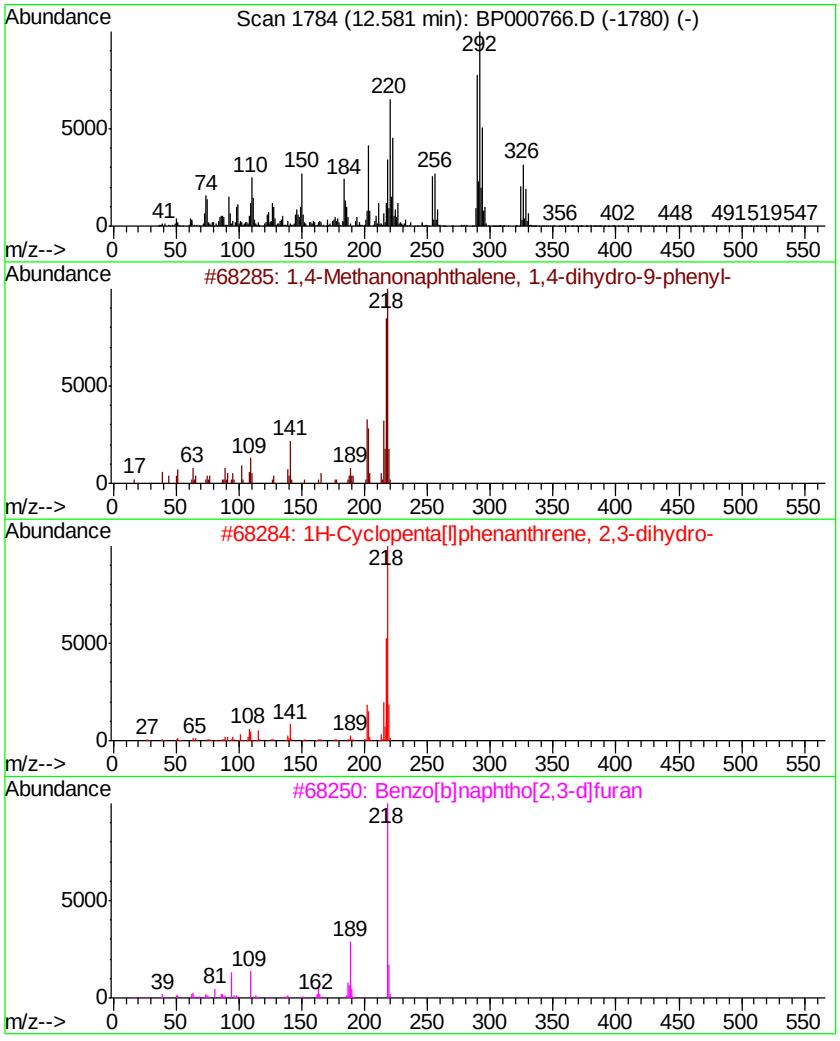
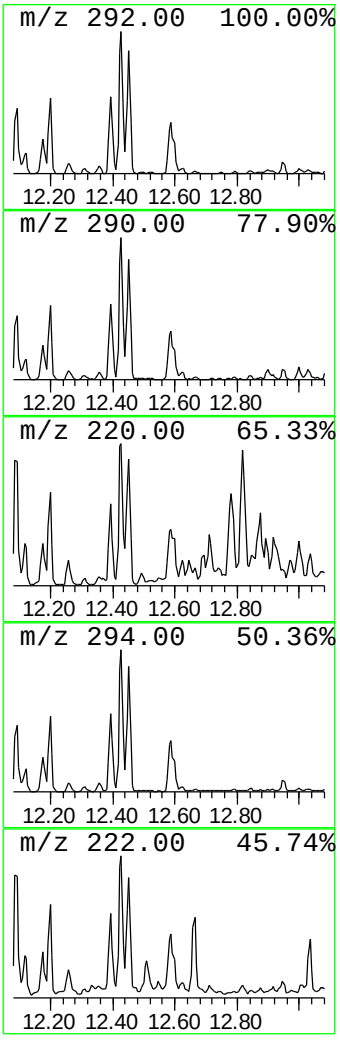
Peak Number 12 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	4.03 ng/ul	440511	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihv...	218	C17H14	055028-73-4	11
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	11
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	11
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	10
5	4H-Benzo[e]pyrido[1,2-a]benzimid...	218	C15H10N2	000239-25-8	10





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Quant Title : SVOA CALIBRATION

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

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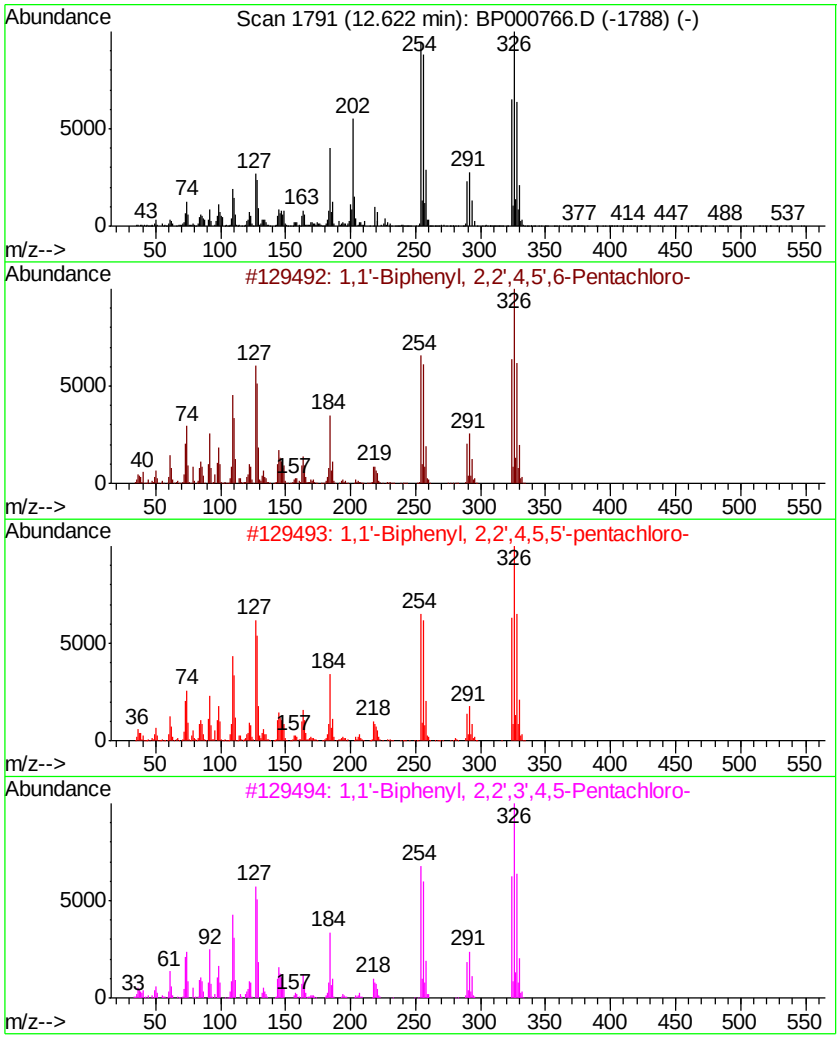
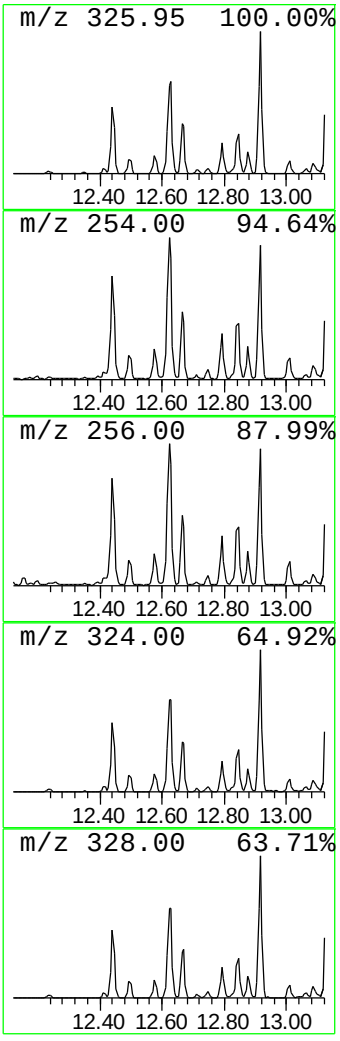
Peak Number 13 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	4.60 ng/ul	502546	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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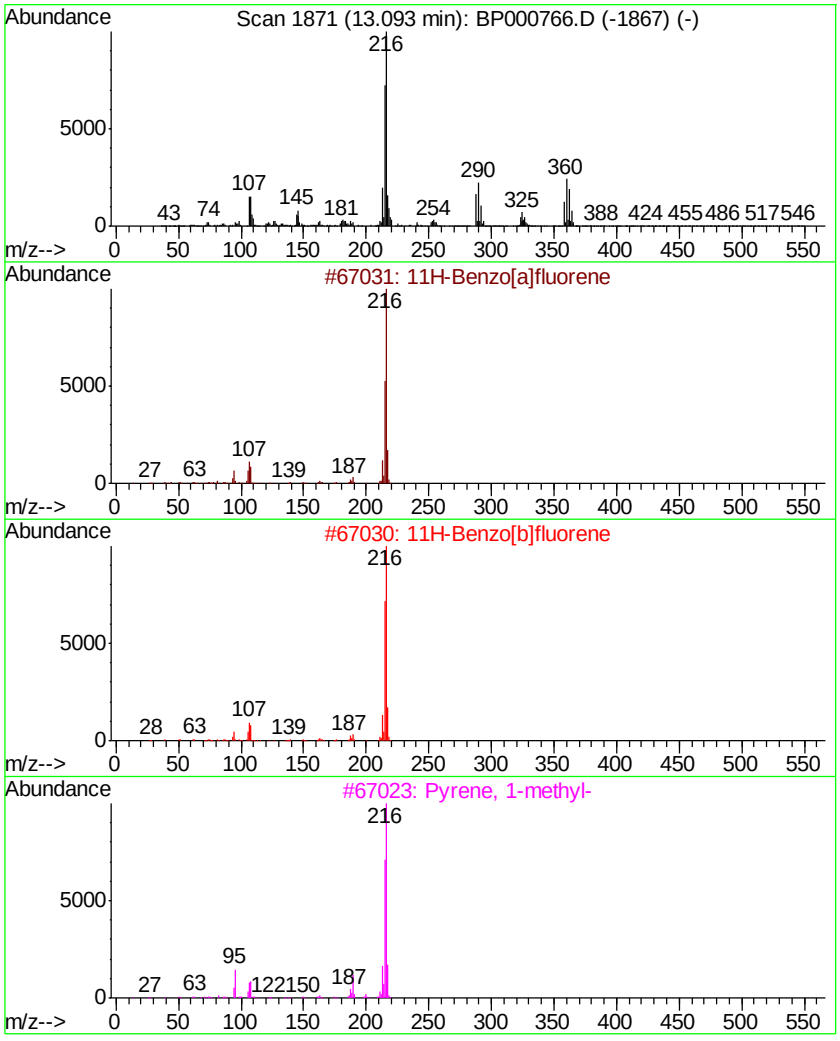
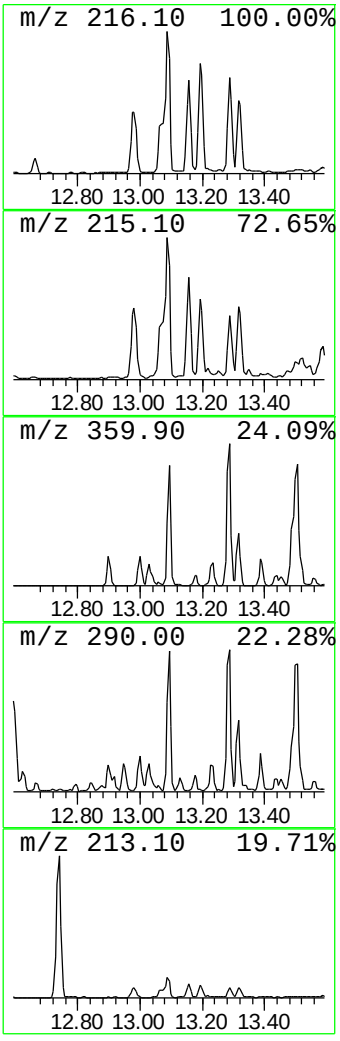
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.14 ng/ul	734425	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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ClientSampleId : BEPG2

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Quant Title : SVOA CALIBRATION

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

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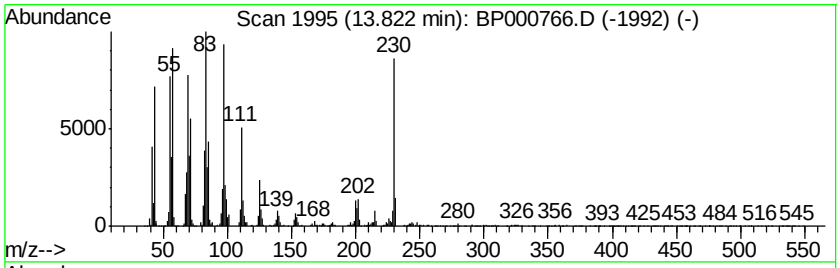
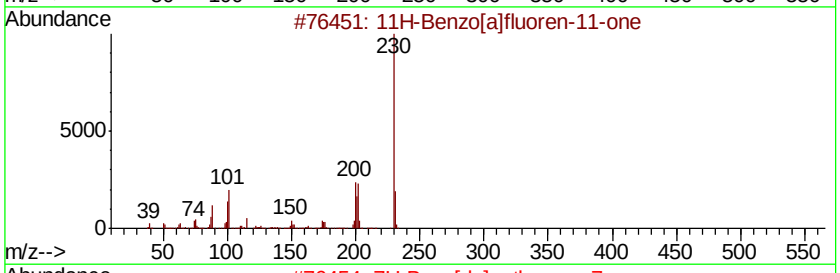
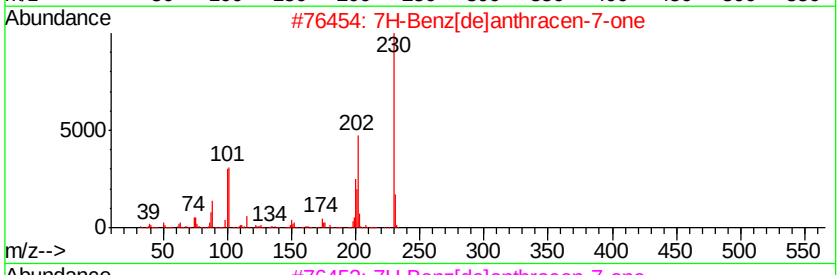
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 15

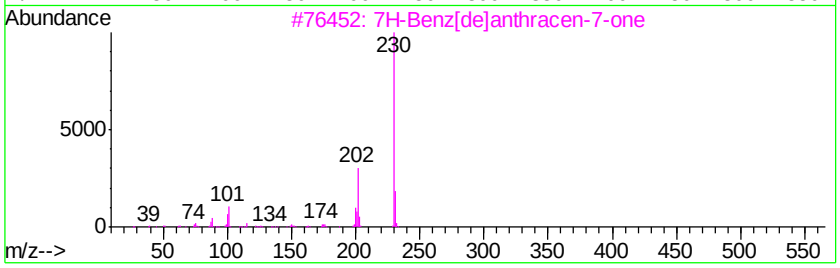
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.47 ng/ul	846710	Chrysene-d12	13.97

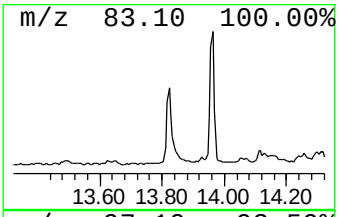
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38

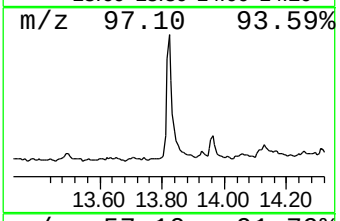


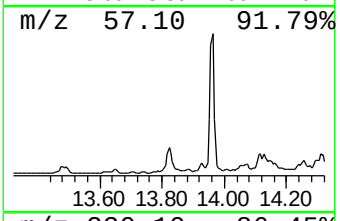


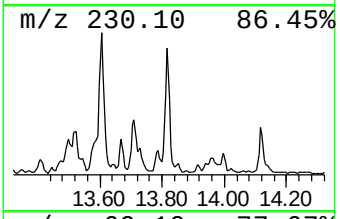


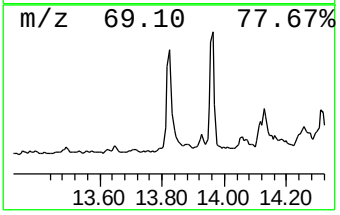












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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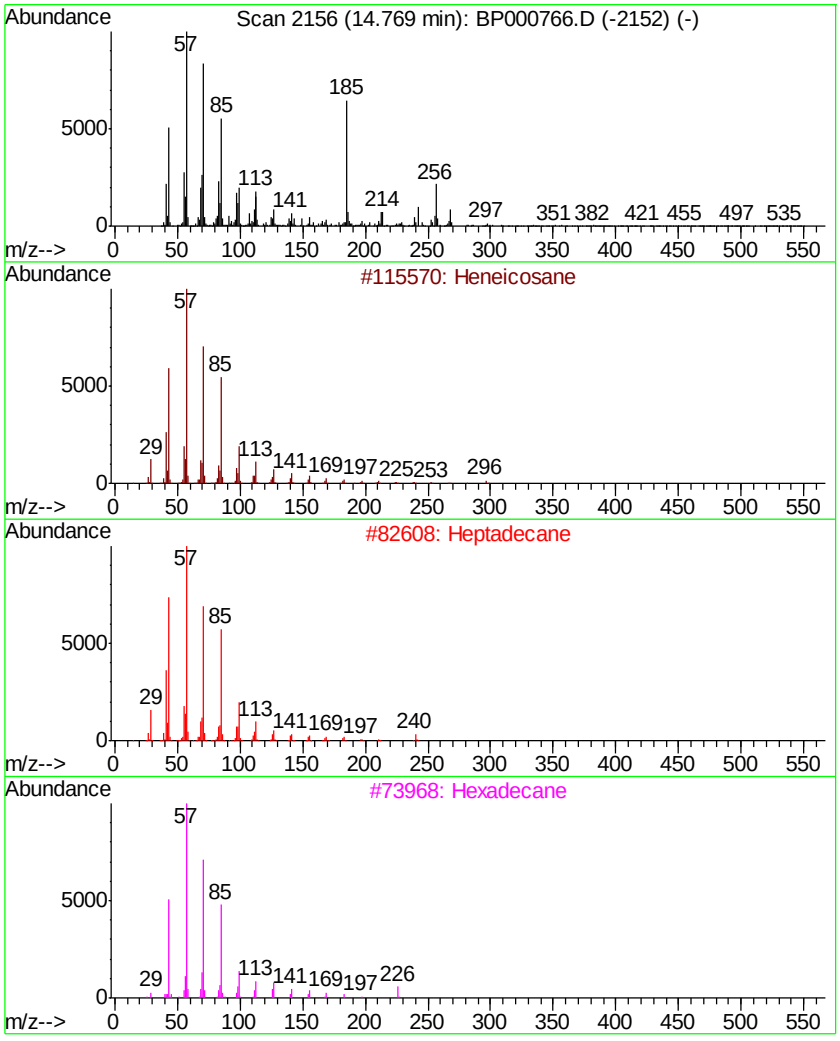
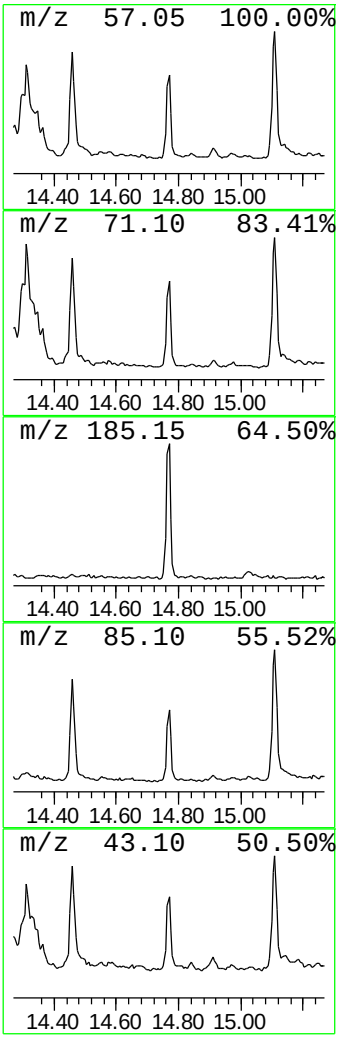
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.29 ng/ul	323683	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	60
4	Pentatriacontane	493	C35H72	000630-07-9	60
5	Nonadecane	268	C19H40	000629-92-5	60





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Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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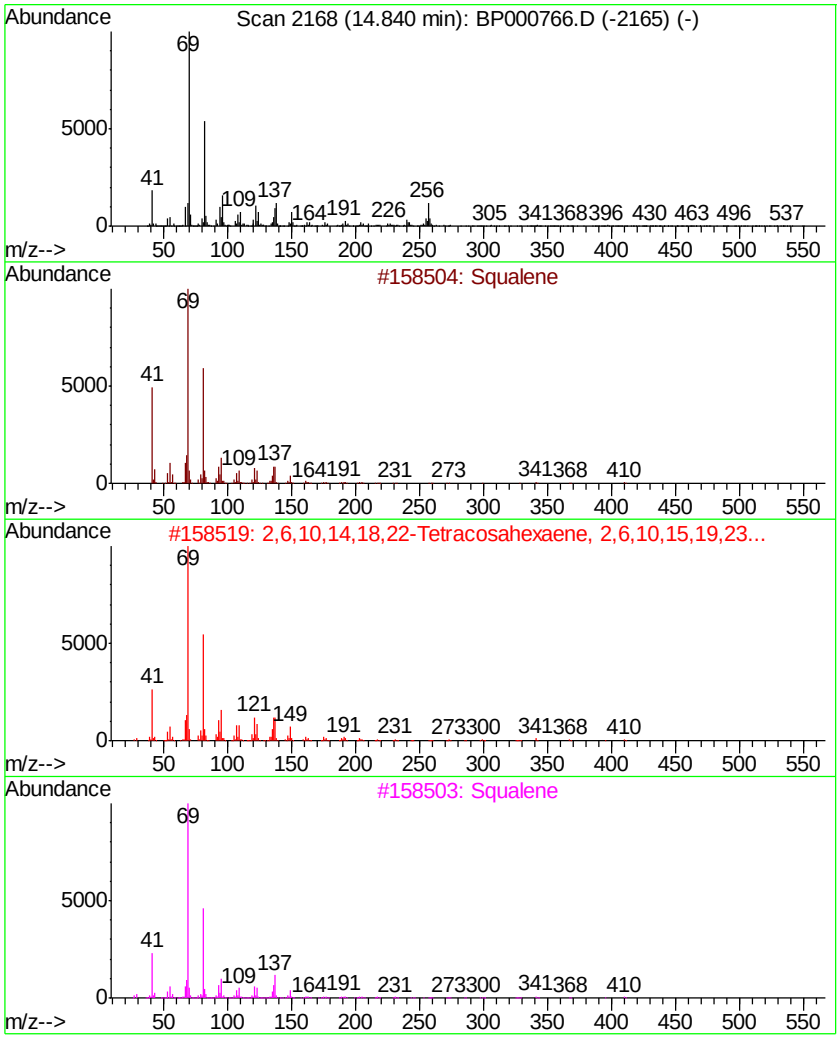
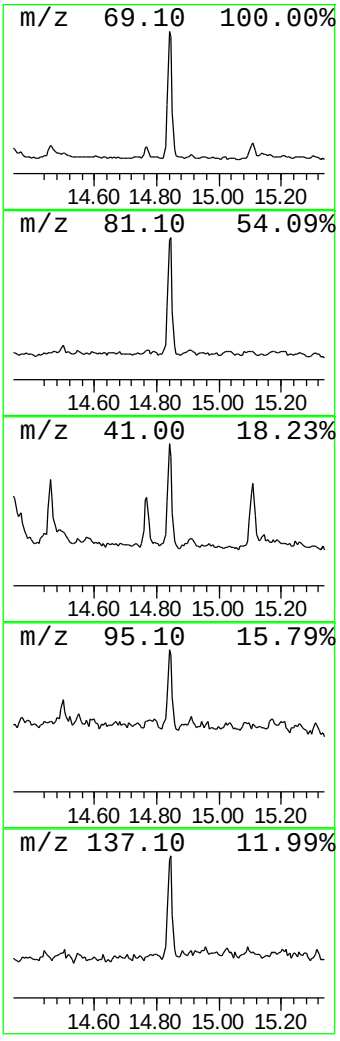
Peak Number 17 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.80 ng/ul	373717	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78
3	Squalene	410	C30H50	007683-64-9	74
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	74
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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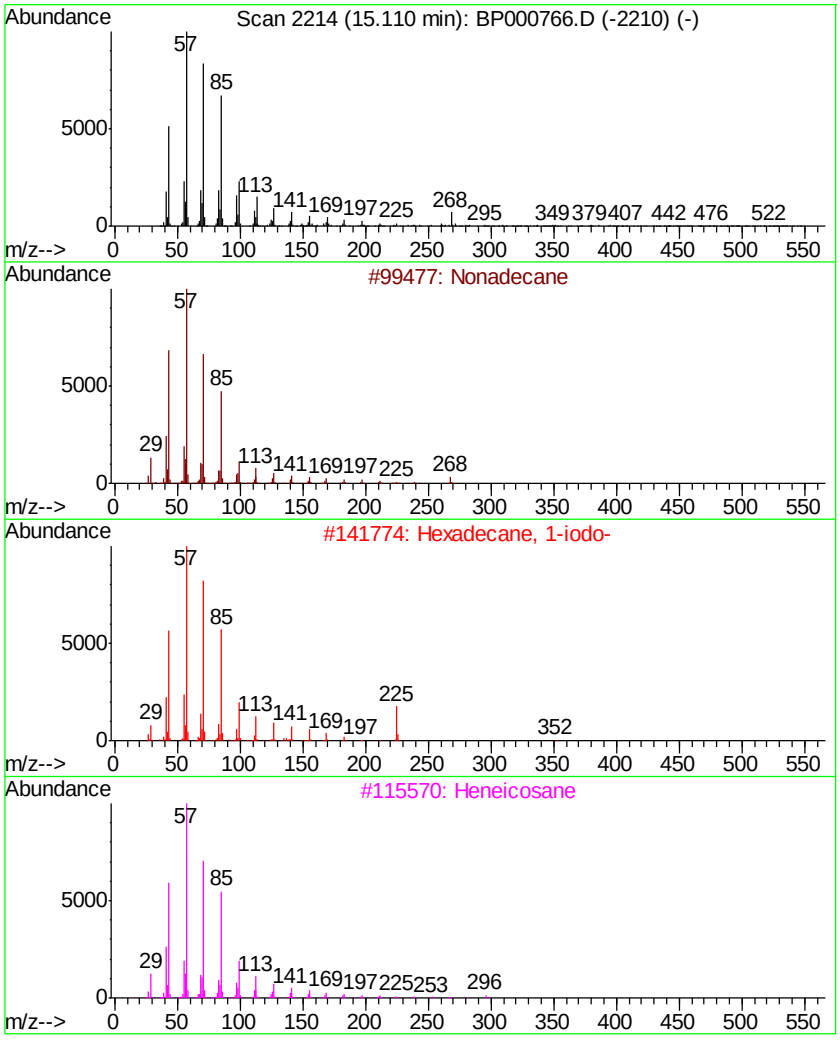
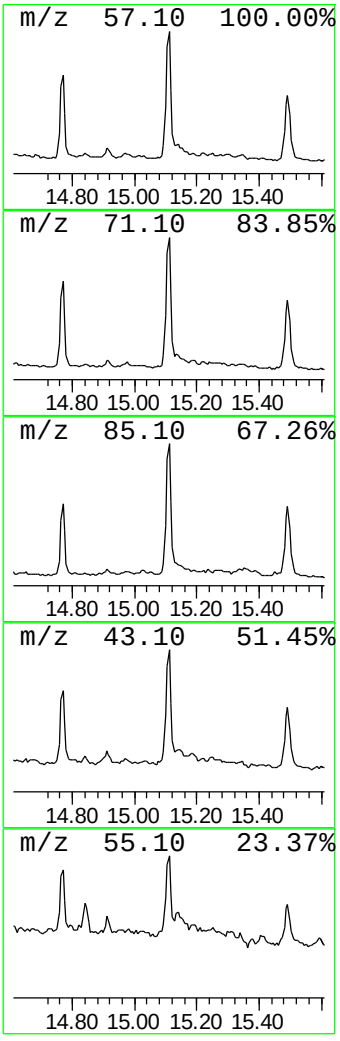
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.20 ng/ul	315079	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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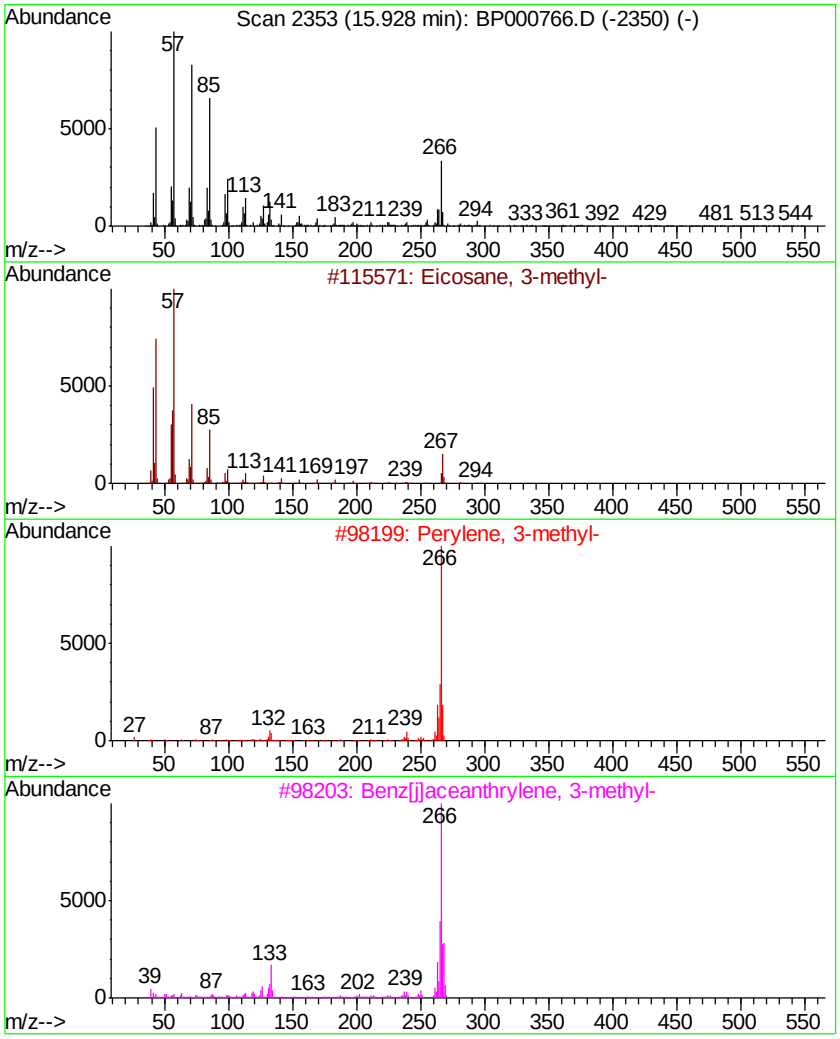
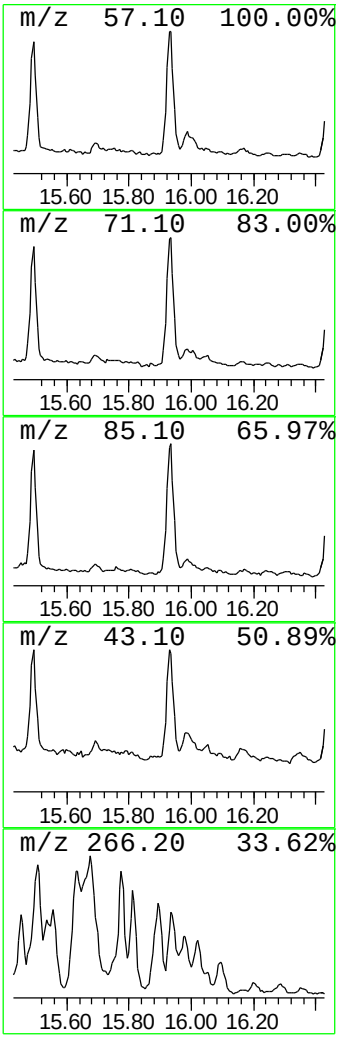
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.59 ng/ul	254578	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	38
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	35
3	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	11
4	13,17,21-Trimethylheptatriacontane	563	C40H82	058668-40-9	10
5	1-Phosphacyclopent-2-ene, 1,5-di...	266	C18H19P	1000162-78-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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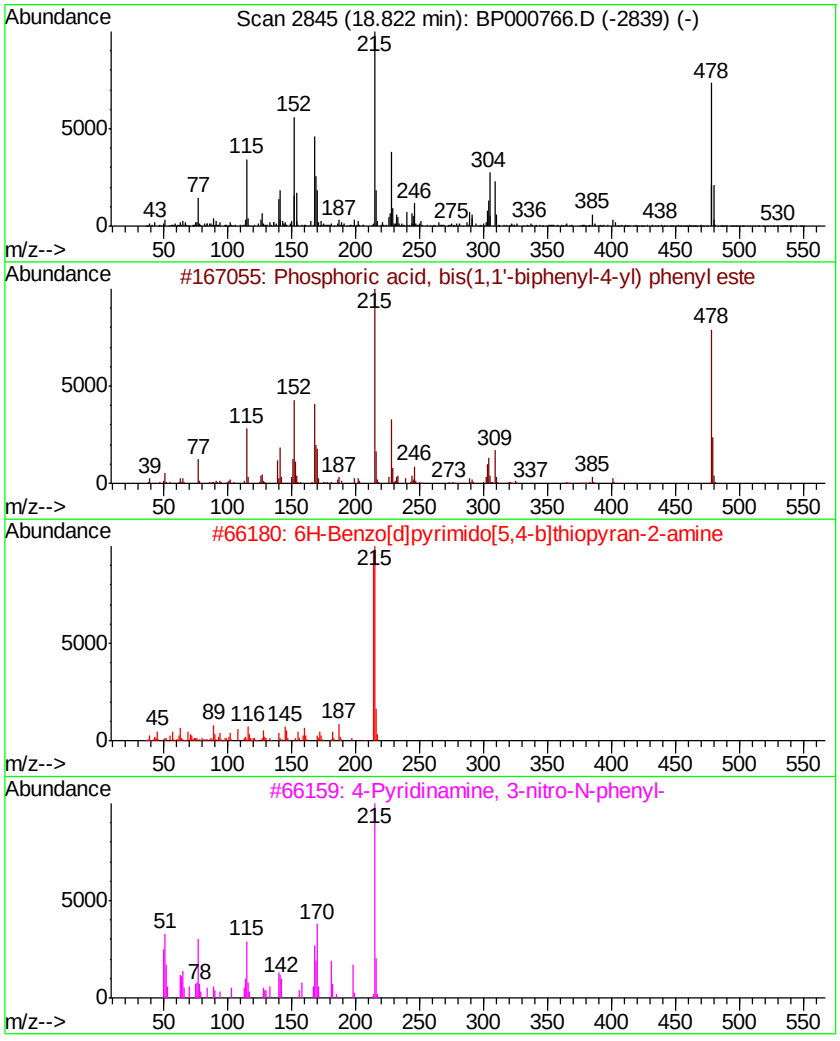
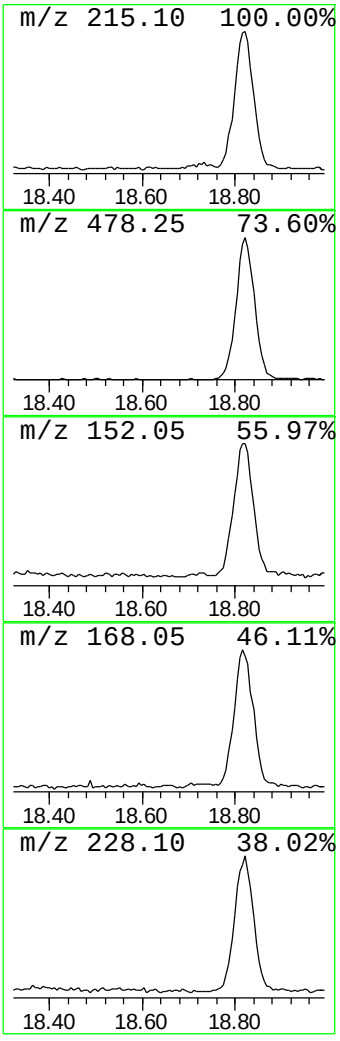
Peak Number 20 Phosphoric acid, bis(1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.33 ng/ul	328091	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, bis(1,1'-biphen...	478	C30H23O4P	017270-00-7	99
2	6H-Benzo[d]pyrimido[5,4-b]thiopy...	215	C11H9N3S	1000267-44-6	10
3	4-Pyridinamine, 3-nitro-N-phenyl-	215	C11H9N3O2	035750-90-4	10
4	2-Heptyl-5-(5-hexenyl)pyrrolidine	251	C17H33N	120090-99-5	10
5	Phosphine oxide, methyldiphenyl-	216	C13H13OP	002129-89-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\
Data File : BP000766.D
Acq On : 15 Oct 2019 15:21
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,1'-(ox...	10.25	2.6	ng/ul	253095	3	9.80	1967410	20.0
unknown-01	10.45	2.1	ng/ul	205179	3	9.80	1967410	20.0
1,1'-Biphenyl, 2,...	11.63	2.2	ng/ul	240268	4	11.29	2186070	20.0
Phenanthrene, 2-m...	11.80	3.0	ng/ul	326928	4	11.29	2186070	20.0
1,1'-Biphenyl, 2,...	11.96	2.0	ng/ul	219744	4	11.29	2186070	20.0
1,1'-Biphenyl, 2,...	12.09	4.2	ng/ul	456789	4	11.29	2186070	20.0
9,10-Anthracenedione	12.13	2.5	ng/ul	269050	4	11.29	2186070	20.0
Phenanthrene, 2,5...	12.36	3.4	ng/ul	369847	4	11.29	2186070	20.0
1,1'-Biphenyl, 2,...	12.39	3.0	ng/ul	330156	4	11.29	2186070	20.0
1,1'-Biphenyl, 2,...	12.42	3.6	ng/ul	394849	4	11.29	2186070	20.0
1-Methyl-4-ethyl ...	12.45	6.5	ng/ul	707939	4	11.29	2186070	20.0
unknown-02	12.58	4.0	ng/ul	440511	4	11.29	2186070	20.0
1,1'-Biphenyl, 2,...	12.62	4.6	ng/ul	502546	4	11.29	2186070	20.0
11H-Benzo[a]fluorene	13.09	2.1	ng/ul	734425	5	13.97	6854860	20.0
11H-Benzo[a]fluor...	13.82	2.5	ng/ul	846710	5	13.97	6854860	20.0
(DEL) Alkane: Str...	14.77	3.3	ng/ul	323683	6	15.45	1969230	20.0
Squalene	14.84	3.8	ng/ul	373717	6	15.45	1969230	20.0
(DEL) Alkane: Str...	15.11	3.2	ng/ul	315079	6	15.45	1969230	20.0
(DEL) Alkane: Str...	15.93	2.6	ng/ul	254578	6	15.45	1969230	20.0
Phosphoric acid, ...	18.82	3.3	ng/ul	328091	6	15.45	1969230	20.0