LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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	3.517	237	243	254	rBV	39685	67539	2.04%	0.126%
2	6.387	727	731	735	rBV	867691	843185	25.46%	1.570%
3	6.428	735	738	747	rVV	836211	779037	23.52%	1.450%
4	6.516	750	753	757	rVV	1087333	963435	29.09%	1.793%
5	6.746	789	792	800	rBV	1142114	979205	29.57%	1.823%
6	7.134	855	858	871	rBV	1036965	927302	28.00%	1.726%
7	7.305	884	887	891	rBV	1044682	831235	25.10%	1.547%
8	7.634	939	943	955	rBV	852345	687864	20.77%	1.280%
9	7.887	982	986	1000	rBV	989741	1106747	33.42%	2.060%
10	8.034	1007	1011	1014	rBV	1521250	1316317	39.75%	2.450%
11	8.093	1018	1021	1036	rVB	620408	569598	17.20%	1.060%
12	9.487	1255	1258	1261	rVV	1701657	1557223	47.02%	2.899%
13	9.510	1261	1262	1267	rVV	711582	460367	13.90%	0.857%
14	9.640	1281	1284	1293	rVB	2320014	2089589	63.10%	3.890%
15	9.799	1307	1311	1314	rVV	1896023	1588798	47.97%	2.957%
16	9.828	1314	1316	1320	rVB	59948	50811	1.53%	0.095%
17	9.916	1326	1331	1339	rBV	217464	301293	9.10%	0.561%
18	9.981	1339	1342	1344	rVV	46947	50530	1.53%	0.094%
19	10.004	1344	1346	1350	rVV	161427	140266	4.24%	0.261%
20	10.216	1377	1382	1385	rBV2	54349	74512	2.25%	0.139%
21	10.316	1396	1399	1402	rBV	2551938	2348713	70.92%	4.372%
22	10.346	1402	1404	1409	rVB	135725	120123	3.63%	0.224%
23	10.393	1409	1412	1418	rBV	278446	278190	8.40%	0.518%
24	10.446	1418	1421	1429	rVV4	44533	81961	2.47%	0.153%
25	10.593	1441	1446	1450	rVB	48178	63203	1.91%	0.118%
26	10.716	1461	1467	1471	rBV4	53681	77416	2.34%	0.144%
27	10.904	1494	1499	1501	rBV3	49773	58638	1.77%	0.109%
28	11.034	1516	1521	1523	rBV2	58477	67565	2.04%	0.126%
29	11.057	1523	1525	1530	rVV2	45949	52893	1.60%	0.098%
30	11.099	1530	1532	1536	rVB2	57336	56386	1.70%	0.105%
31	11.146	1537	1540	1543	rBV2	51298	59160	1.79%	0.110%
32	11.193	1546	1548	1553	rVB	65795	67173	2.03%	0.125%
33	11.293	1562	1565	1568	rBV	1772465	1770869	53.47%	3.296%
34	11.322	1568	1570	1572	rVV	1283442	1009083	30.47%	1.878%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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	11.351	1572	1575	1578	rVV	2673363	2442623	73.76%	4.547%
36	11.410	1582	1585	1588	rBV2	45881	53442	1.61%	0.099%
37	11.528	1600	1605	1608	rBV	95055	98049	2.96%	0.183%
38	11.598	1614	1617	1620	rVV2	53983	51663	1.56%	0.096%
39	11.634	1620	1623	1629	rVV3	62804	68145	2.06%	0.127%
40	11.804	1649	1652	1654	rBV	301605	241952	7.31%	0.450%
41	11.834	1654	1657	1661	rVV	427103	375626	11.34%	0.699%
42	11.881	1661	1665	1668	rVV2	156244	161475	4.88%	0.301%
43	11.916	1668	1671	1673	rVV	474159	459546	13.88%	0.855%
44	11.940	1673	1675	1680	rVB	233607	200665	6.06%	0.374%
45	12.104	1700	1703	1705	rBV	184207	154494	4.67%	0.288%
46	12.128	1705	1707	1712	rVB3	142204	134509	4.06%	0.250%
47	12.257	1726	1729	1731	rVB	84284	70363	2.12%	0.131%
48	12.287	1731	1734	1736	rBV	87175	67087	2.03%	0.125%
49	12.310	1736	1738	1741	rVB	72679	58577	1.77%	0.109%
50	12.363	1743	1747	1750	rBV	243689	259200	7.83%	0.482%
51	12.398	1750	1753	1755	rVV	142267	183922	5.55%	0.342%
52	12.445	1759	1761	1766	rVB2	165143	196116	5.92%	0.365%
53	12.522	1771	1774	1778	rVV	2122311	2016489	60.89%	3.754%
54	12.569	1780	1782	1784	rBV	97844	87755	2.65%	0.163%
55	12.593	1784	1786	1788	rVV3	66136	57451	1.73%	0.107%
56	12.622	1788	1791	1794	rVV	159472	137073	4.14%	0.255%
57	12.663	1795	1798	1804	rVV4	124325	215661	6.51%	0.401%
58	12.740	1807	1811	1813	rVV	3092562	3311739	100.00%	6.165%
59	12.757	1813	1814	1817	rVV	2344987	1376585	41.57%	2.562%
60	12.781	1817	1818	1820	rVV2	102320	74992	2.26%	0.140%
61	12.804	1820	1822	1827	rVV2	107821	151981	4.59%	0.283%
62	12.875	1831	1834	1839	rVV	144325	171192	5.17%	0.319%
63	12.934	1839	1844	1847	rVV2	447353	440168	13.29%	0.819%
64	12.981	1847	1852	1855	rVV2	200226	313969	9.48%	0.584%
65	13.040	1859	1862	1864	rVV2	67621	79974	2.41%	0.149%
66	13.069	1864	1867	1868	rVV2	189510	221446	6.69%	0.412%
67	13.087	1868	1870	1874	rVB2	400591	401642	12.13%	0.748%
68	13.157	1879	1882	1885	rVB	299139	260476	7.87%	0.485%
69	13.193	1885	1888	1891	rBV	357973	359148	10.84%	0.669%
70	13.251	1896	1898	1901	rBV2	51482	49539	1.50%	0.092%
71	13.287	1901	1904	1907	rVB	211896	180265	5.44%	0.336%

LSC Area Percent Report

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Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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	13.322	1907	1910	1914	rBV2	200470	199720	6.03%	0.372%
73	13.604	1956	1958	1963	rVB	205380	221342	6.68%	0.412%
74	13.716	1973	1977	1980	rBV2	231739	285963	8.63%	0.532%
75	13.745	1980	1982	1984	rVB	209003	149388	4.51%	0.278%
76	13.769	1984	1986	1992	rBV3	135282	202565	6.12%	0.377%
77	13.822	1992	1995	2002	rBV2	484140	668542	20.19%	1.244%
78	13.969	2015	2020	2023	rBV2	2172042	3201278	96.66%	5.959%
79	13.998	2023	2025	2028	rVB	1109045	886563	26.77%	1.650%
80	14.081	2037	2039	2041	rVB	168766	121421	3.67%	0.226%
81	14.122	2043	2046	2048	rVV	136295	143591	4.34%	0.267%
82	14.151	2048	2051	2056	rVB4	152574	199163	6.01%	0.371%
83	14.328	2079	2081	2083	rBV	86728	75867	2.29%	0.141%
84	14.369	2085	2088	2091	rVB	306803	282145	8.52%	0.525%
85	14.398	2091	2093	2097	rVB	160101	150252	4.54%	0.280%
86	14.463	2101	2104	2107	rVV3	201200	191685	5.79%	0.357%
87	14.492	2107	2109	2111	rBV2	131524	101701	3.07%	0.189%
88	14.769	2153	2156	2159	rBV2	161498	175317	5.29%	0.326%
89	15.028	2195	2200	2203	rBV	963018	1520579	45.91%	2.830%
90	15.110	2211	2214	2216	rBV2	233739	279972	8.45%	0.521%
91	15.134	2216	2218	2229	rVB	287881	465273	14.05%	0.866%
92	15.328	2247	2251	2254	rBV	522031	721485	21.79%	1.343%
93	15.363	2254	2257	2260	rVV	1834774	2202441	66.50%	4.100%
94	15.392	2260	2262	2268	rVB	911397	913838	27.59%	1.701%
95	15.457	2268	2273	2276	rBV	1206498	1553733	46.92%	2.892%
96	15.486	2276	2278	2288	rVB3	319280	465243	14.05%	0.866%
97	15.934	2350	2354	2359	rBV2	219160	306406	9.25%	0.570%
98	16.439	2437	2440	2446	rBV	107554	145319	4.39%	0.271%
99	16.928	2517	2523	2531	rVB2	382051	738269	22.29%	1.374%
100	17.369	2592	2598	2608	rVB	229347	471028	14.22%	0.877%

Sum of corrected areas: 53721314

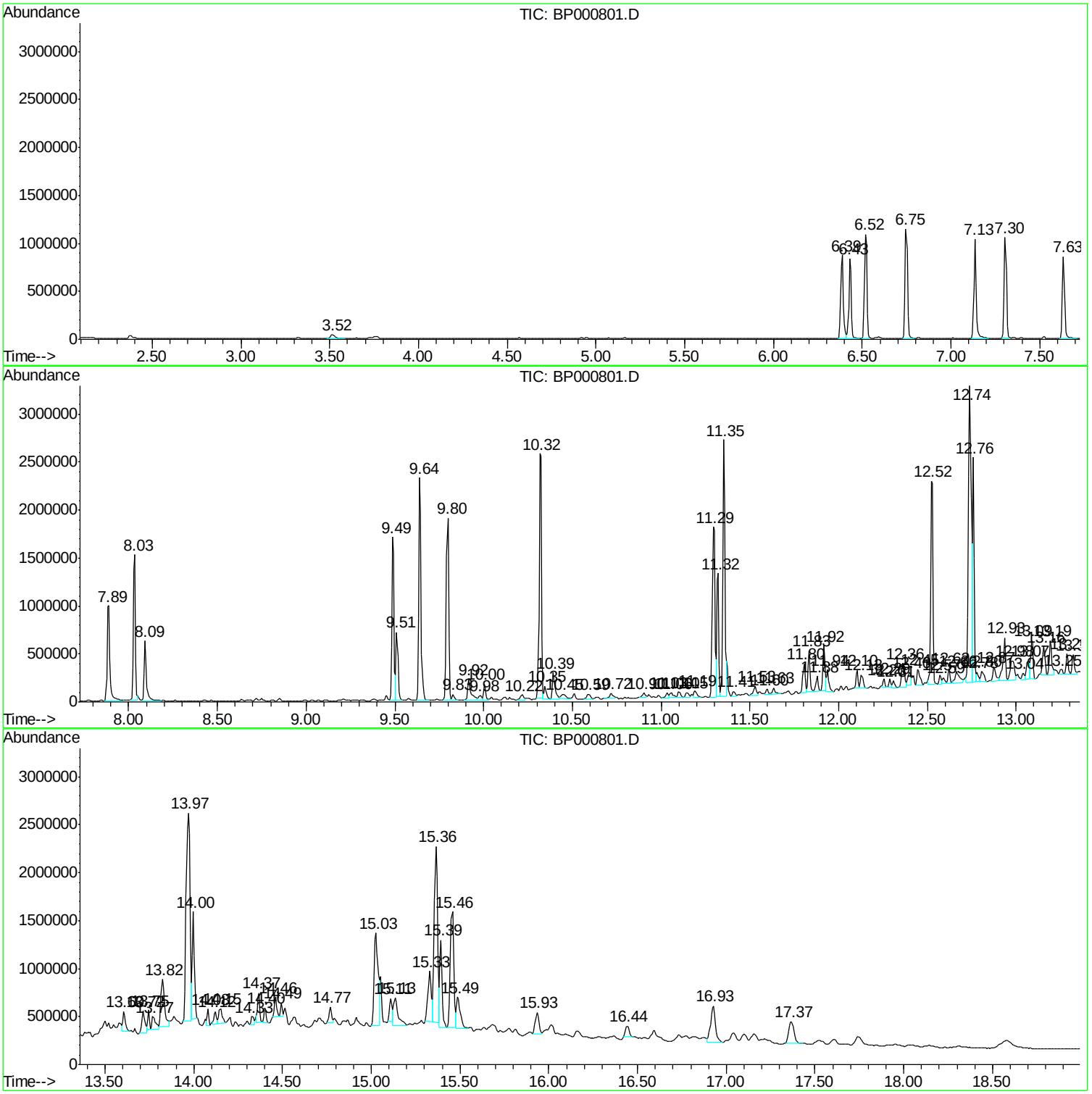
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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

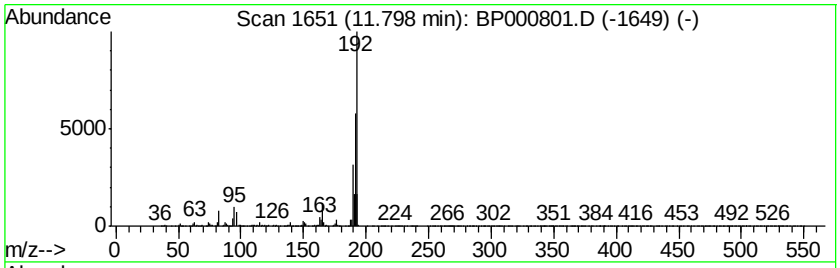
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

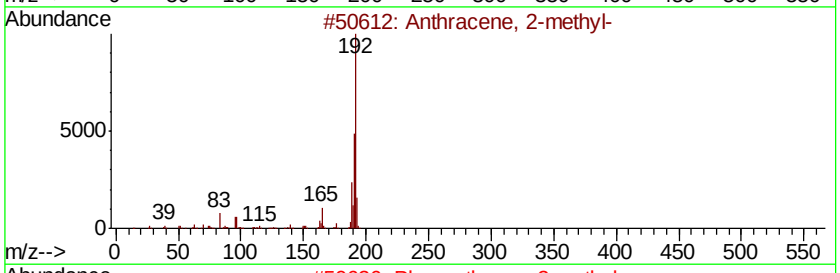
****

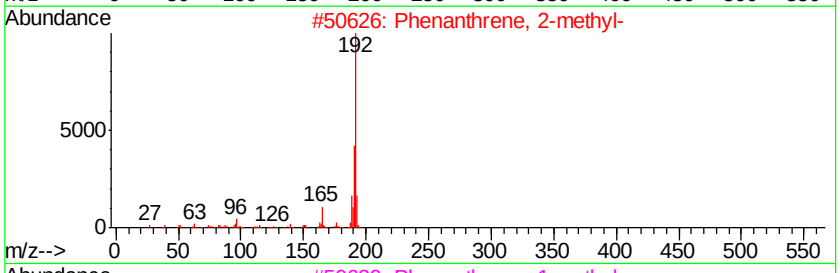
Peak Number 1 Anthracene, 2-methyl- Concentration Rank 9

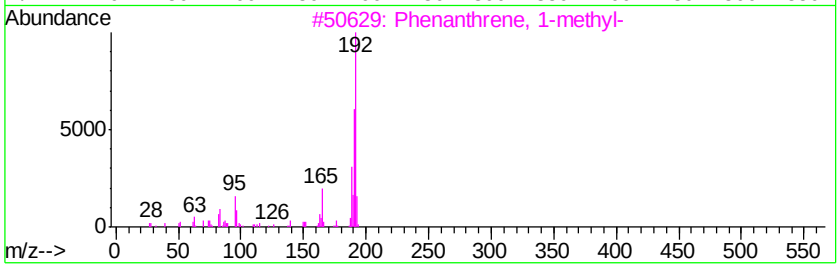
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.73 ng/ul	241952	Phenanthrene-d10	11.29

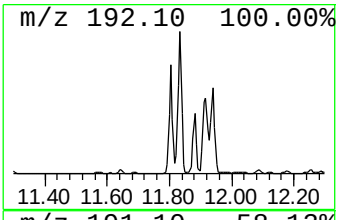
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93

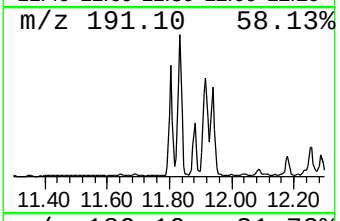


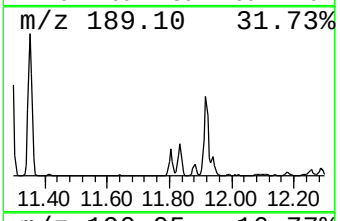


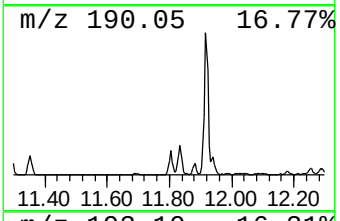


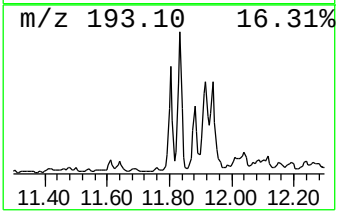












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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

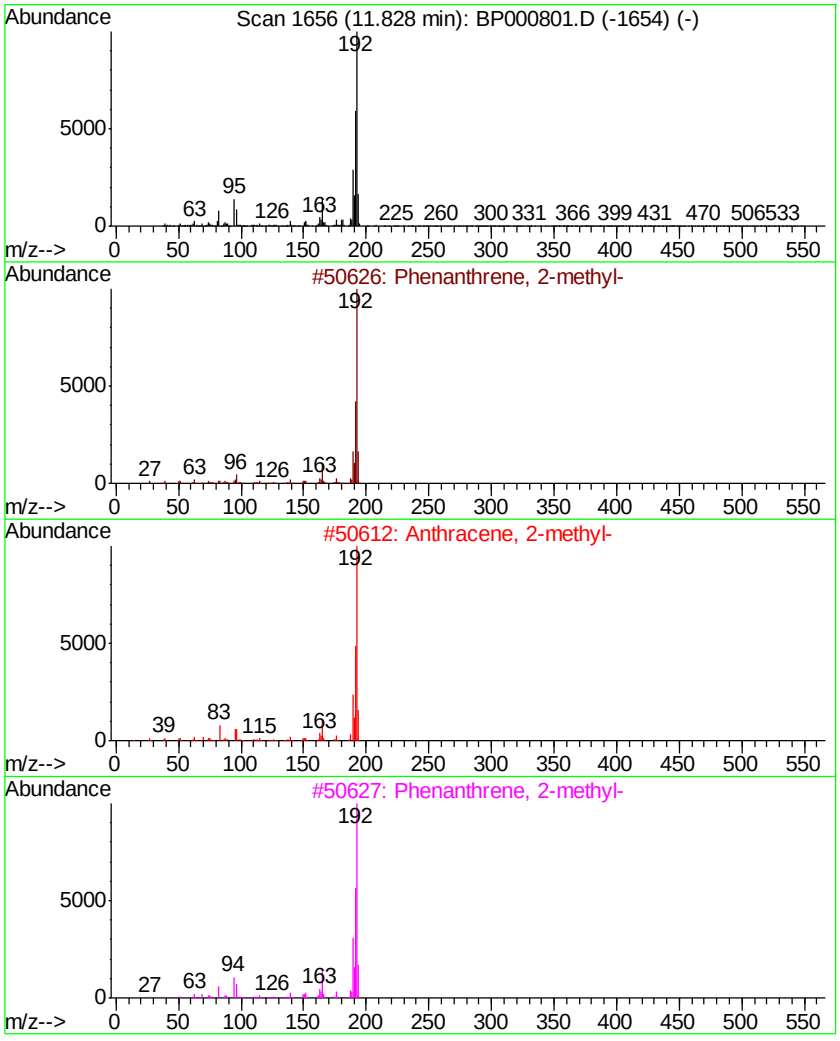
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

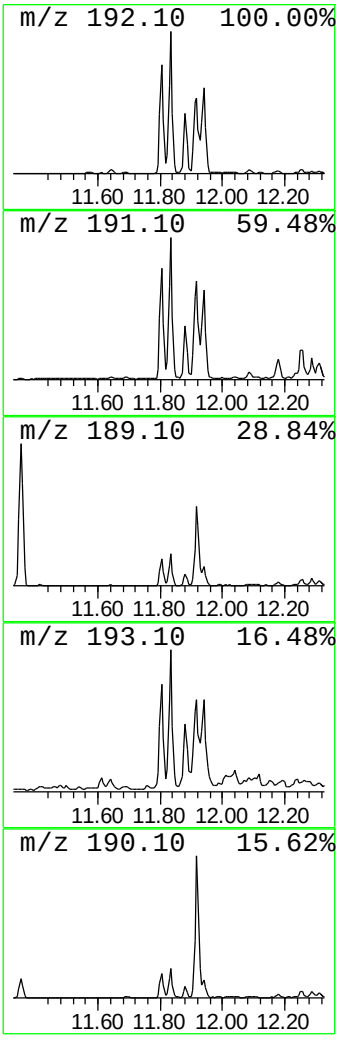
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.24 ng/ul	375626	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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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

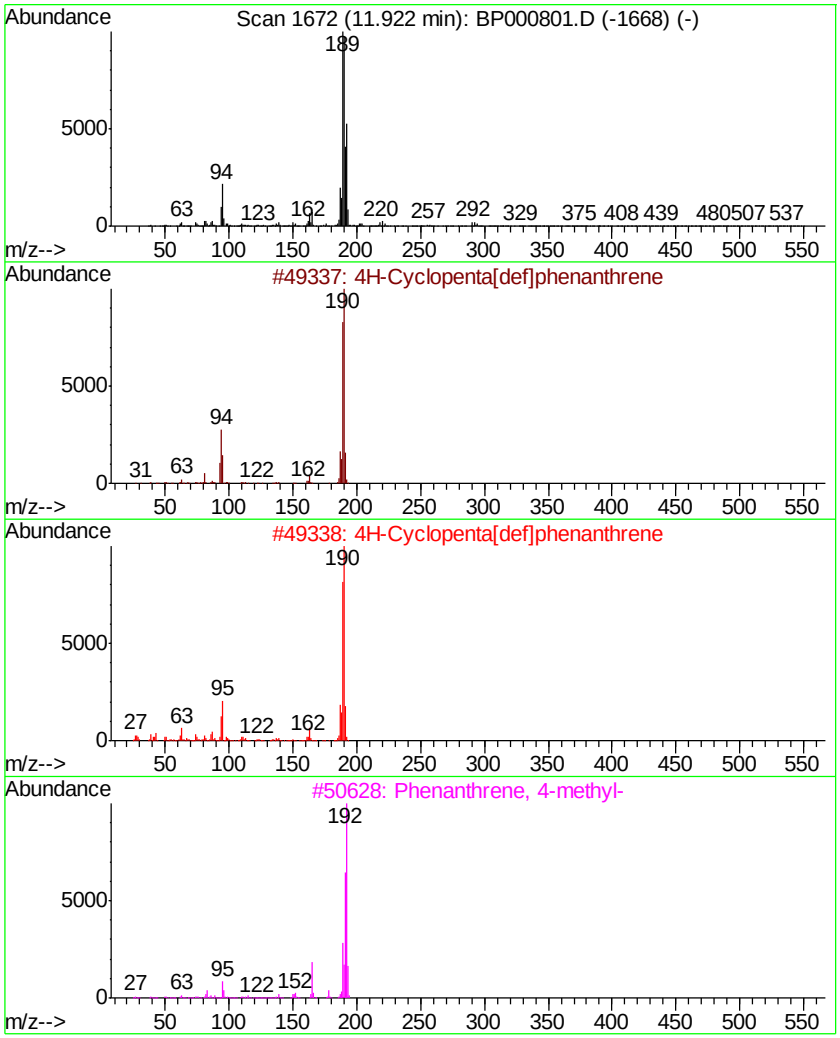
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

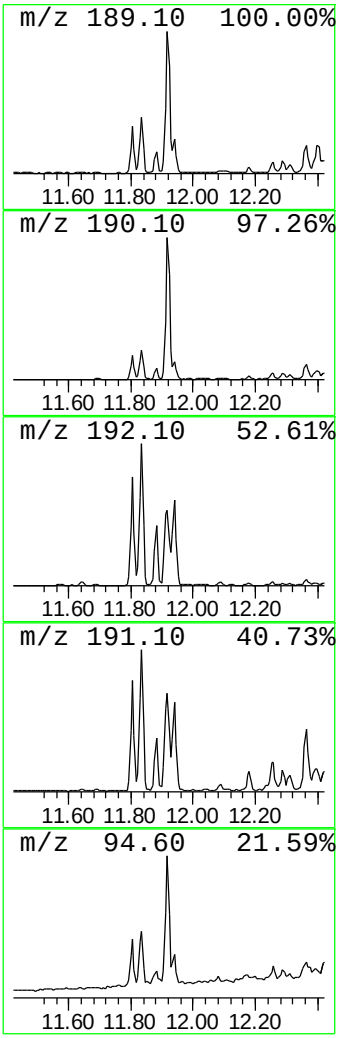
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.19 ng/ul	459546	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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

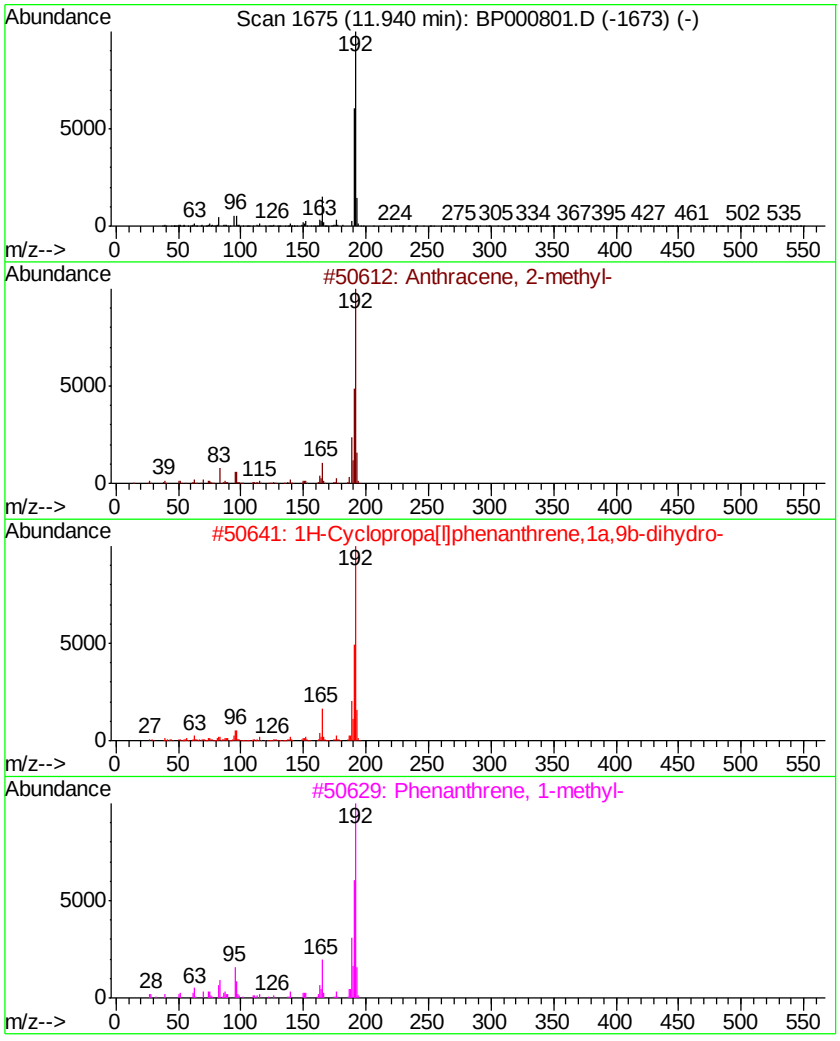
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

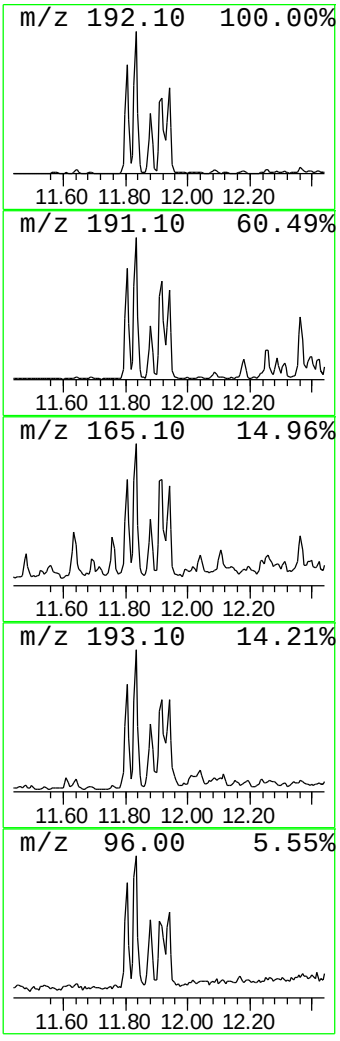
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.27 ng/ul	200665	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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

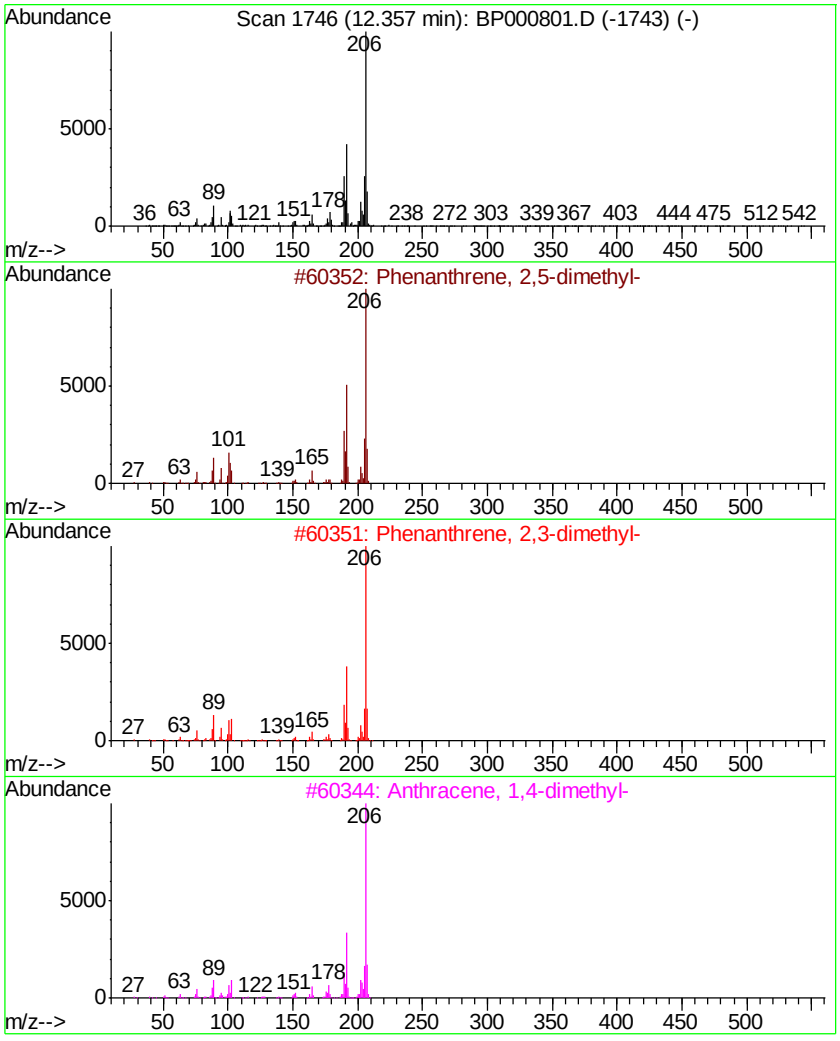
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

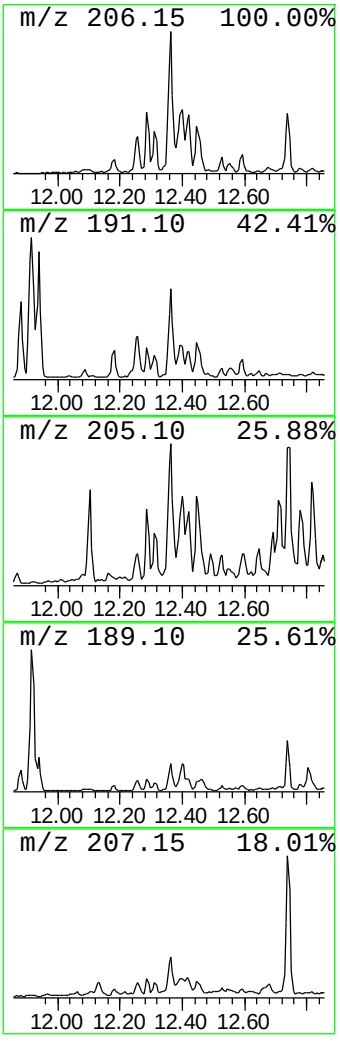
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.93 ng/ul	259200	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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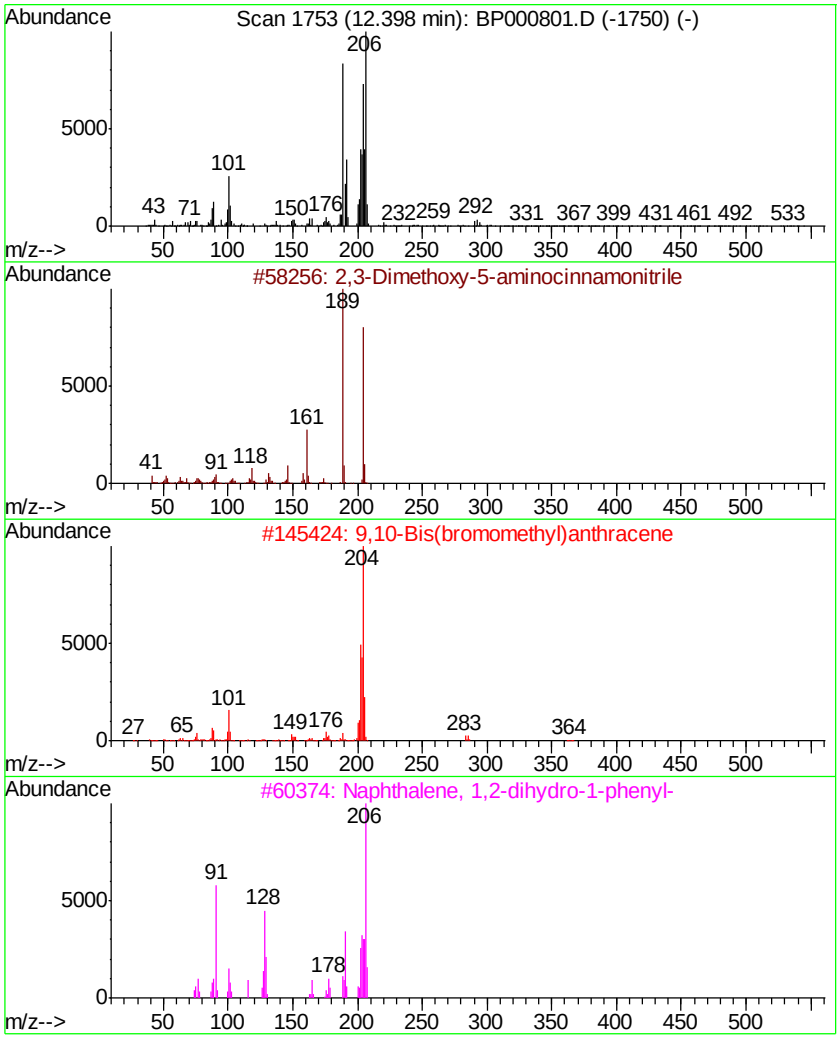
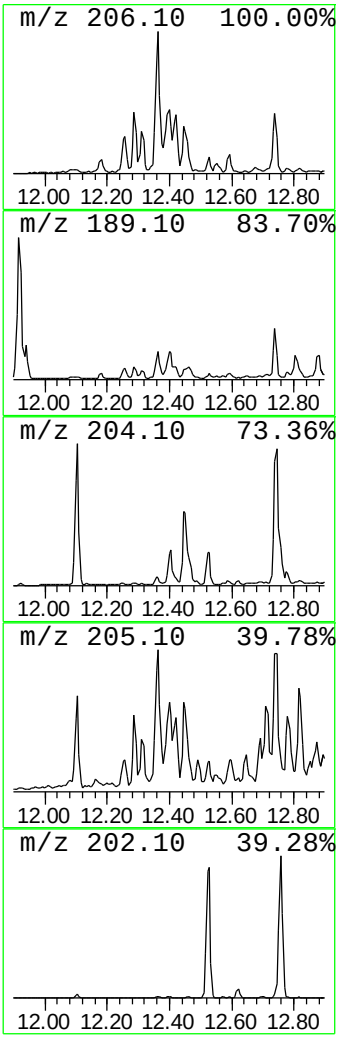
Peak Number 6 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.08 ng/ul	183922	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	30
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
4	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	20
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	18





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

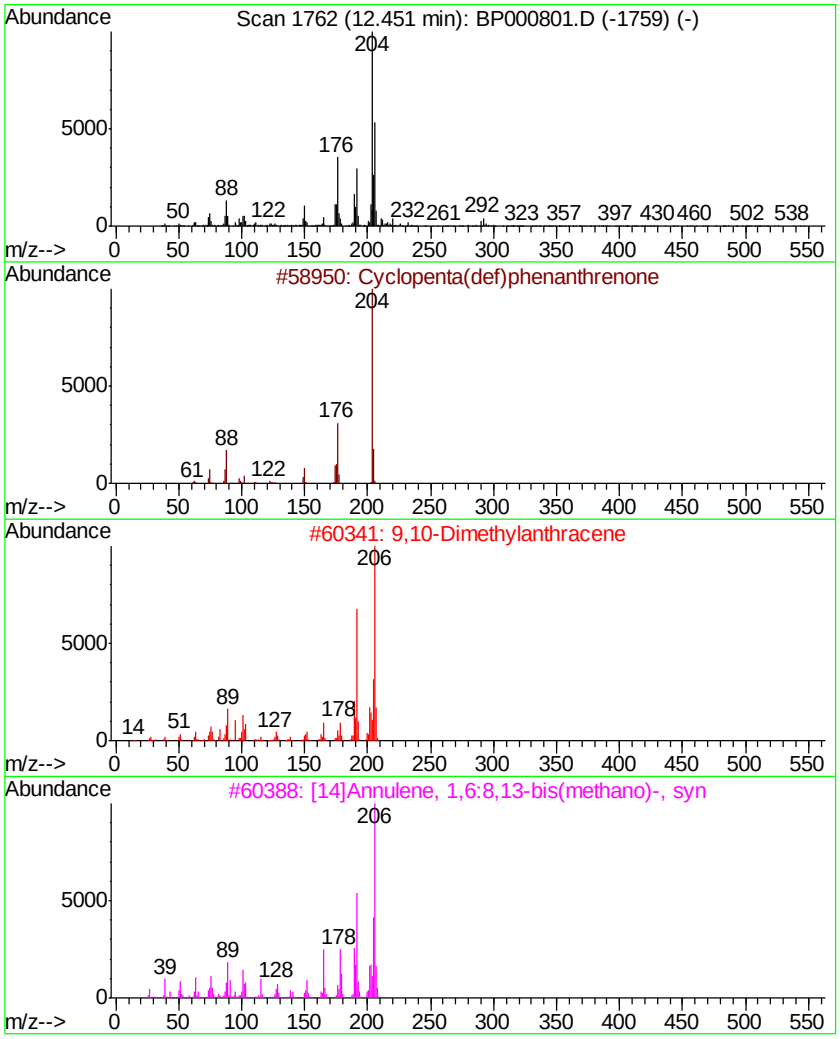
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

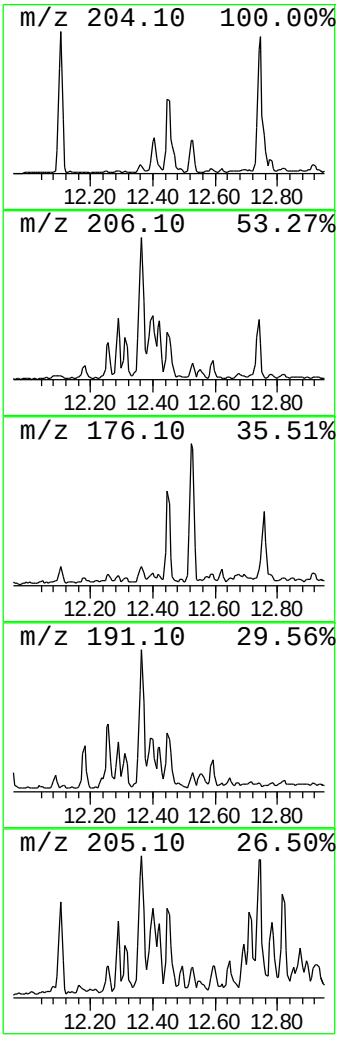
****

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.21 ng/ul	196116	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	42





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Acq On : 16 Oct 2019 10:29
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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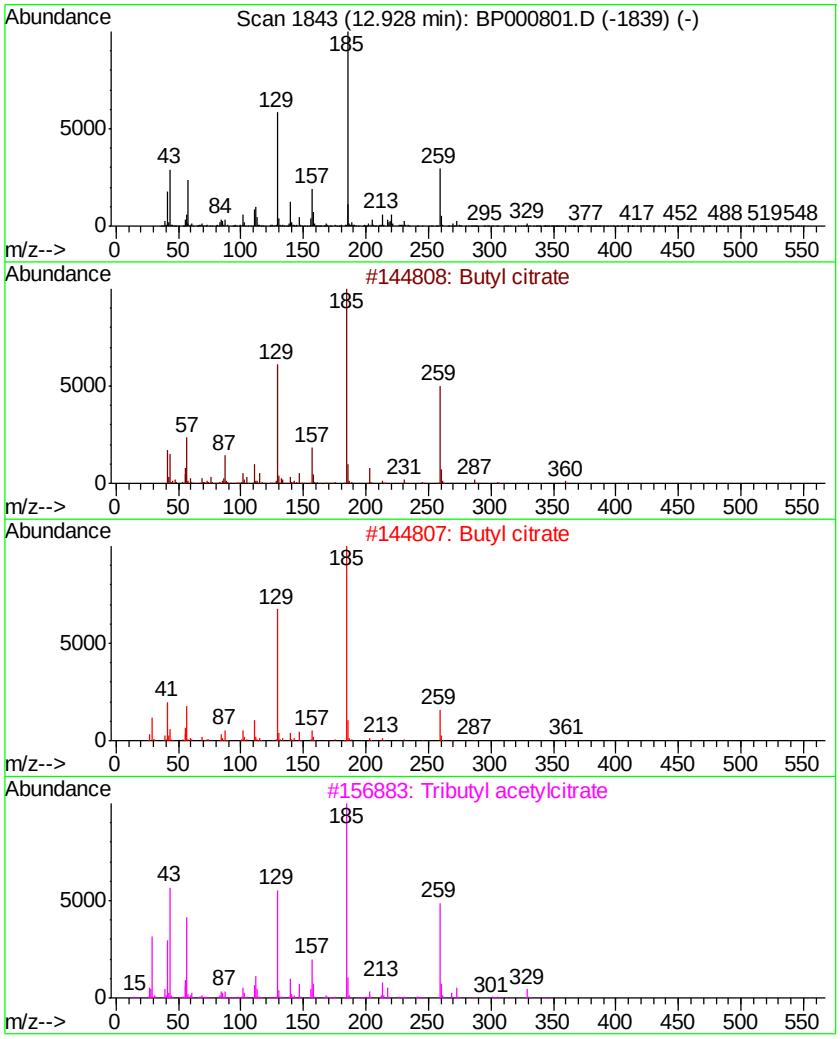
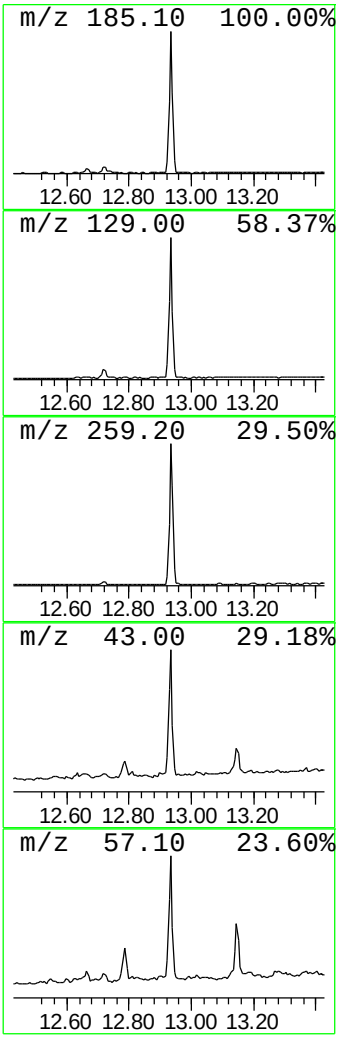
Peak Number 8 Butyl citrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.75 ng/ul	440168	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	80
2	Butyl citrate	360	C18H32O7	000077-94-1	72
3	Tributyl acetylcitrate	402	C20H34O8	000077-90-7	64
4	Tributyl acetylcitrate	402	C20H34O8	000077-90-7	52
5	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	45





Library Search Compound Report

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Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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Quant Title : SVOA CALIBRATION

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

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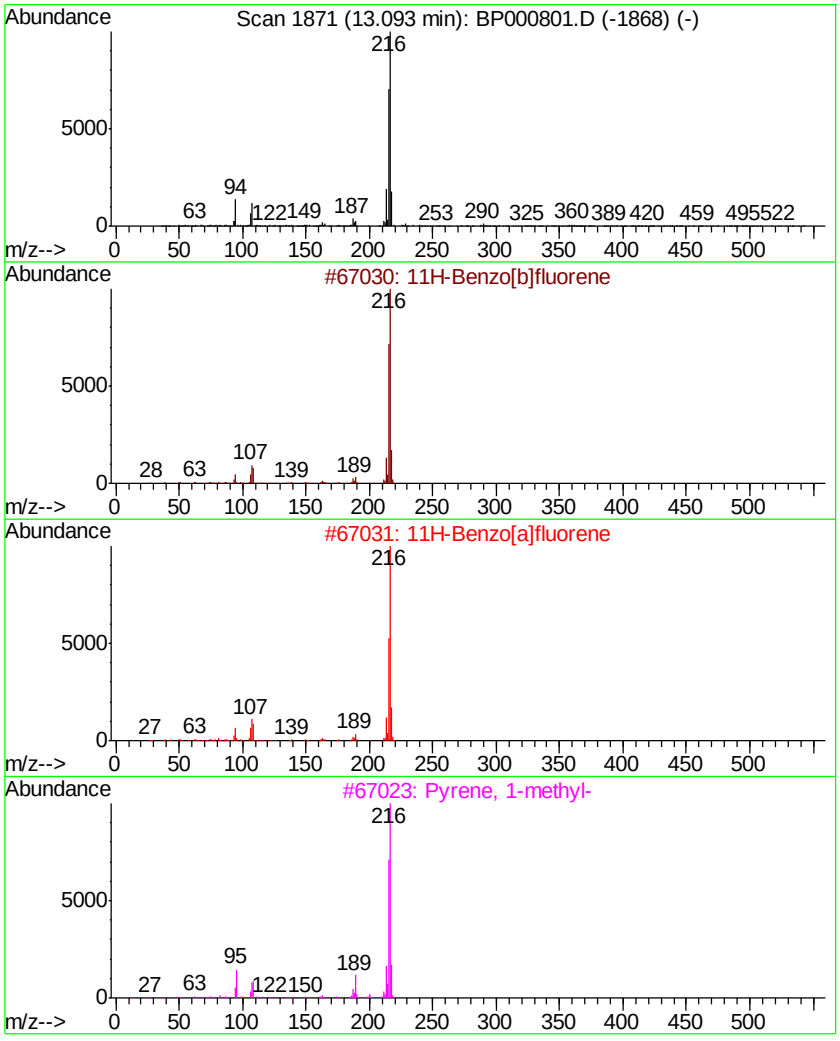
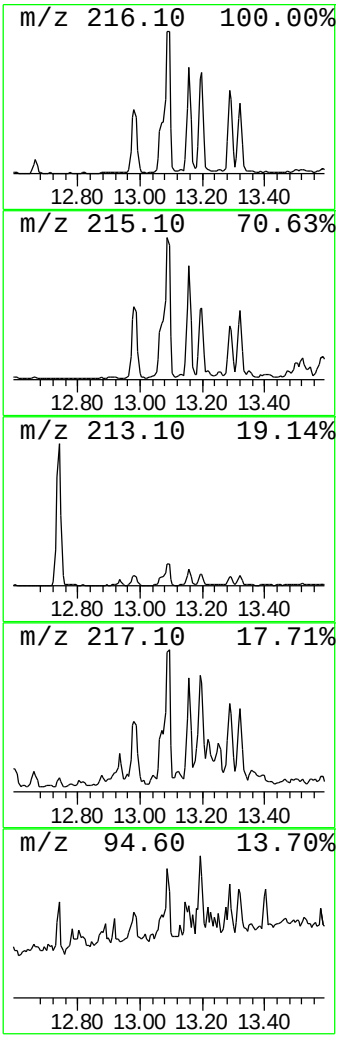
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.51 ng/ul	401642	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Operator : JU
Sample : K5199-19
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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Quant Title : SVOA CALIBRATION

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

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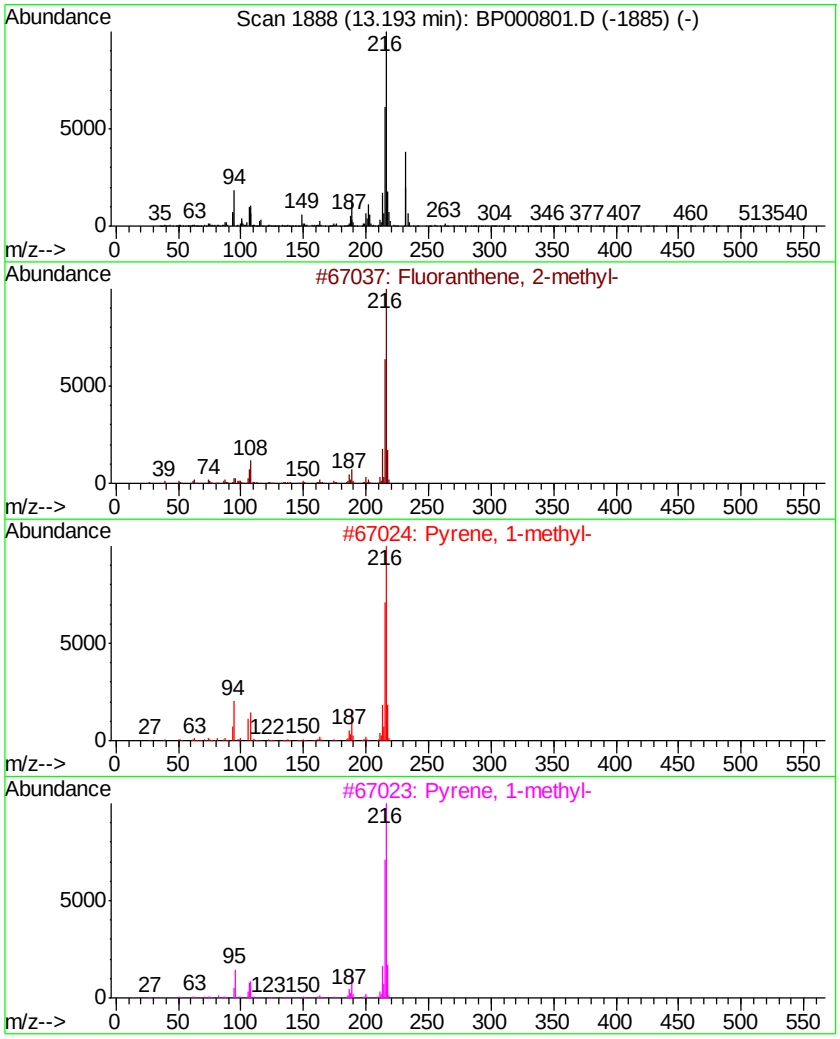
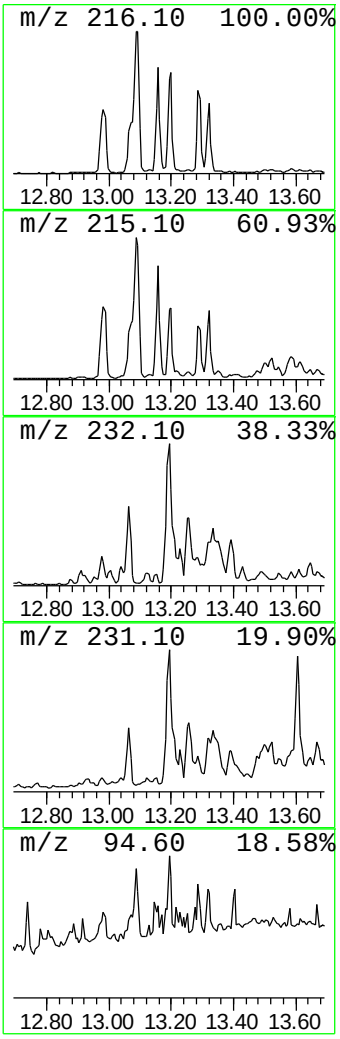
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.24 ng/ul	359148	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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Quant Title : SVOA CALIBRATION

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

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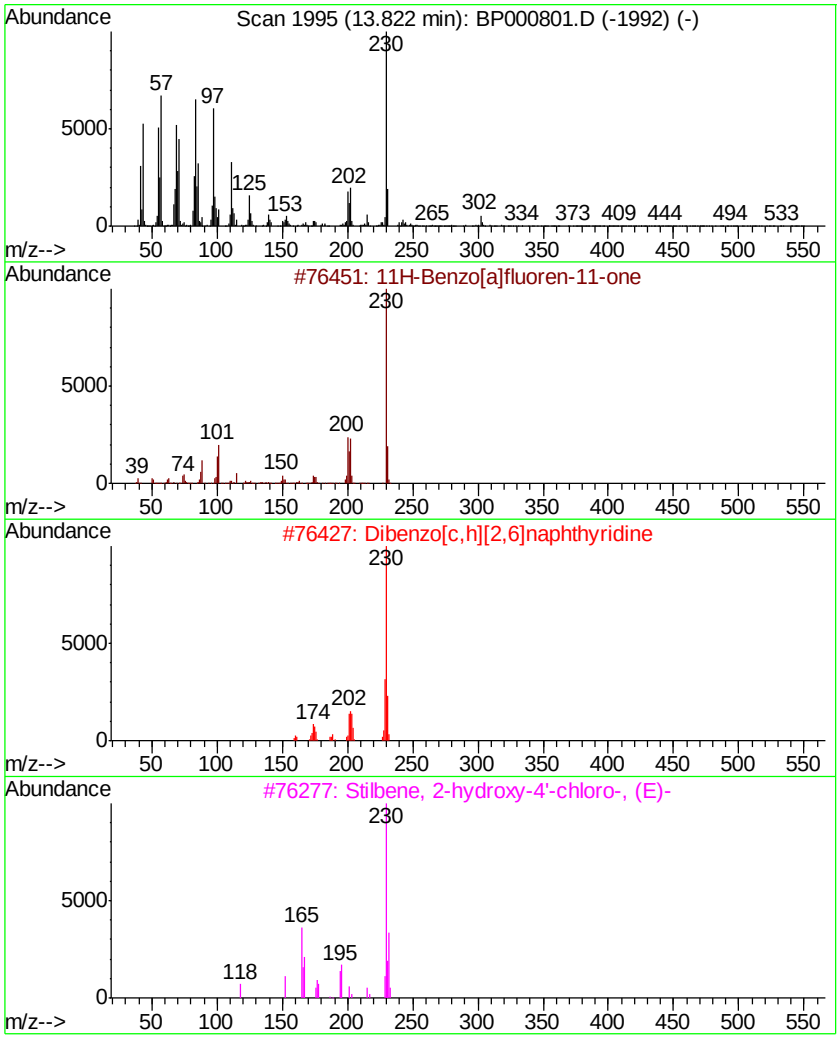
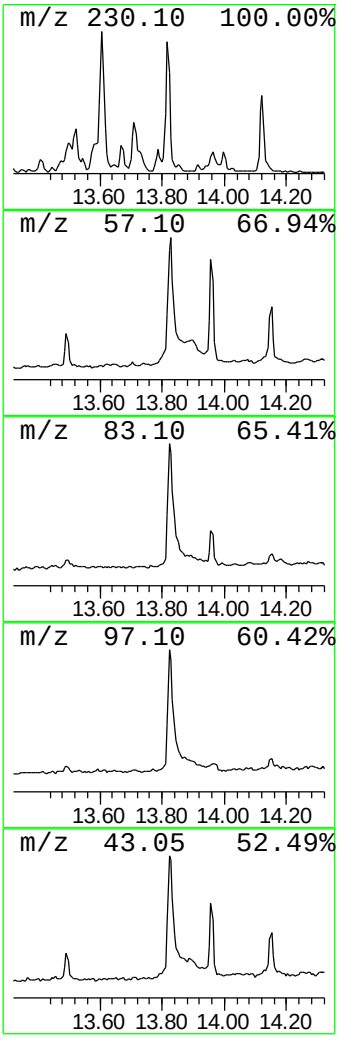
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.18 ng/ul	668542	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	78
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	72
3	Stilbene, 2-hydroxy-4'-chloro-, ...	230	C14H11ClO	1000138-48-2	45
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	44
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	30





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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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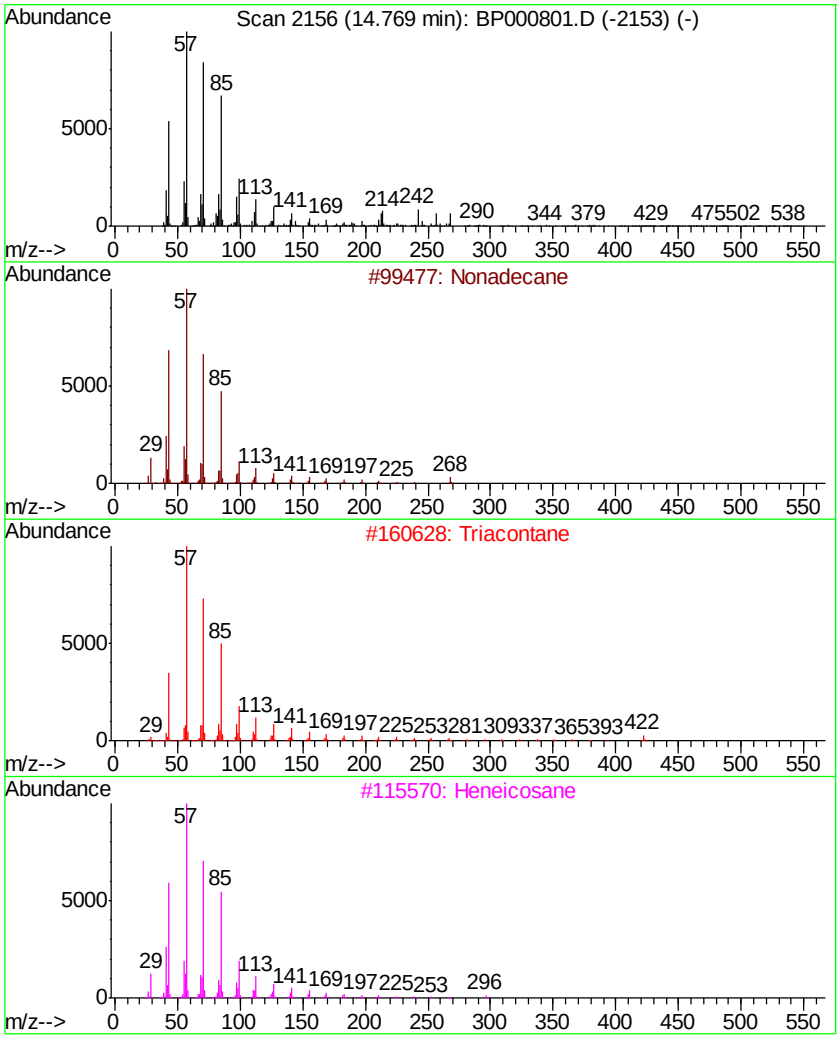
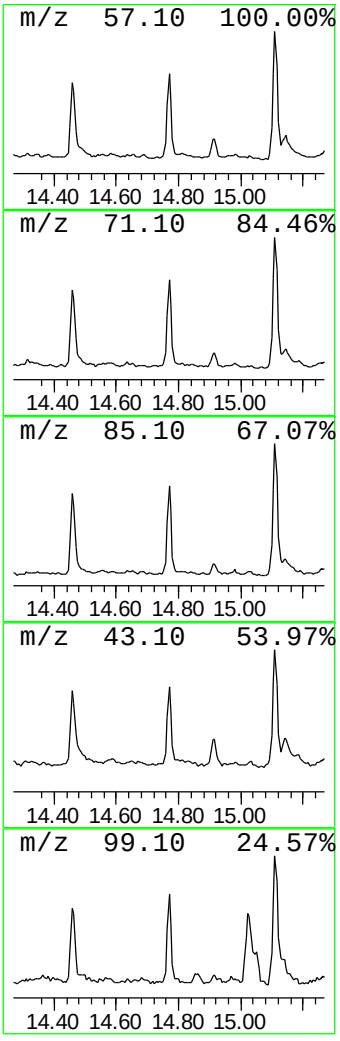
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.26 ng/ul	175317	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Triacontane	422	C30H62	000638-68-6	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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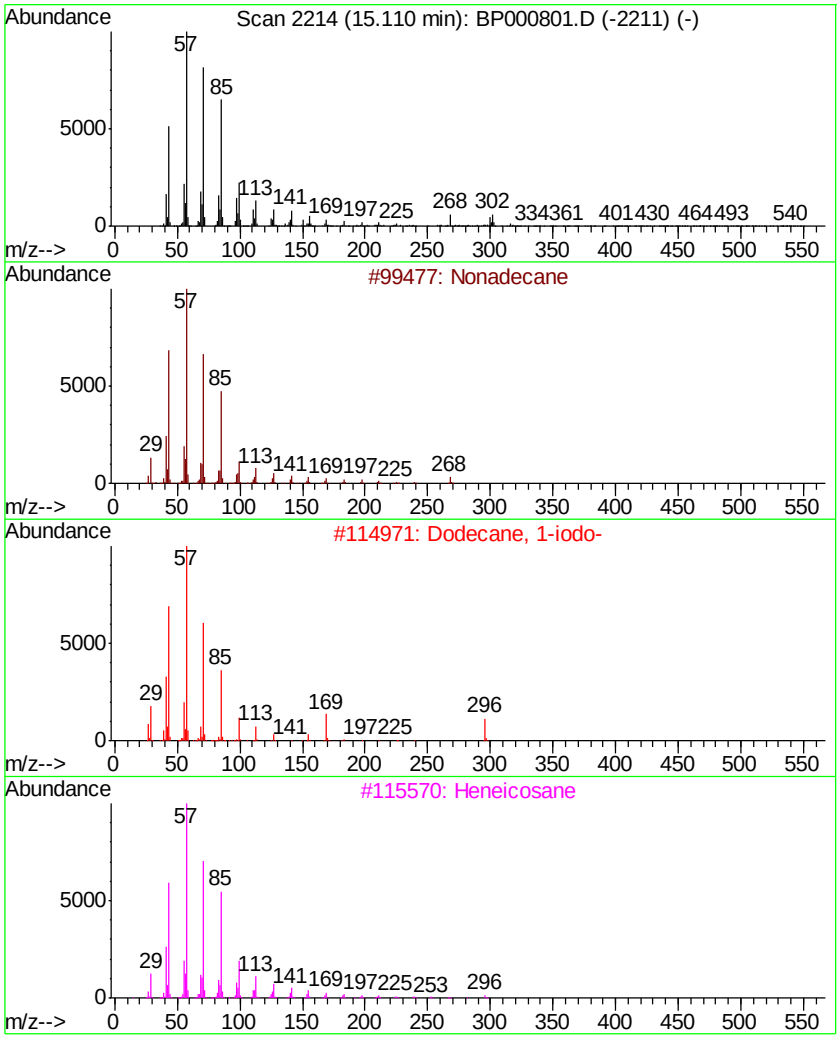
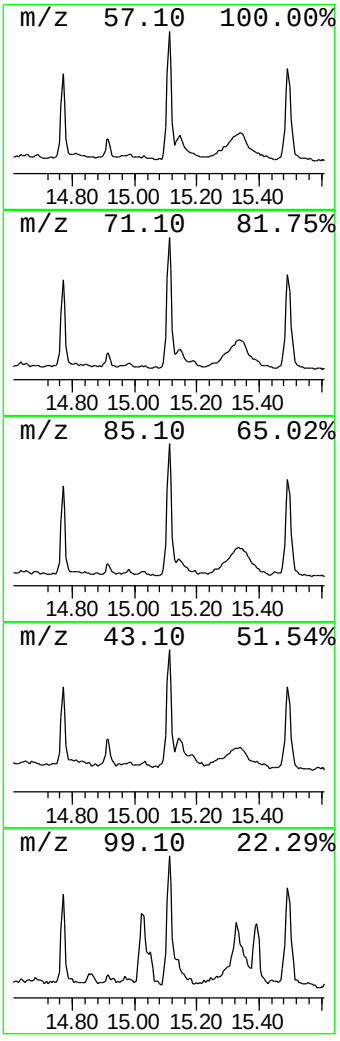
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.60 ng/ul	279972	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
5	Octacosane	394	C28H58	000630-02-4	87





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Operator : JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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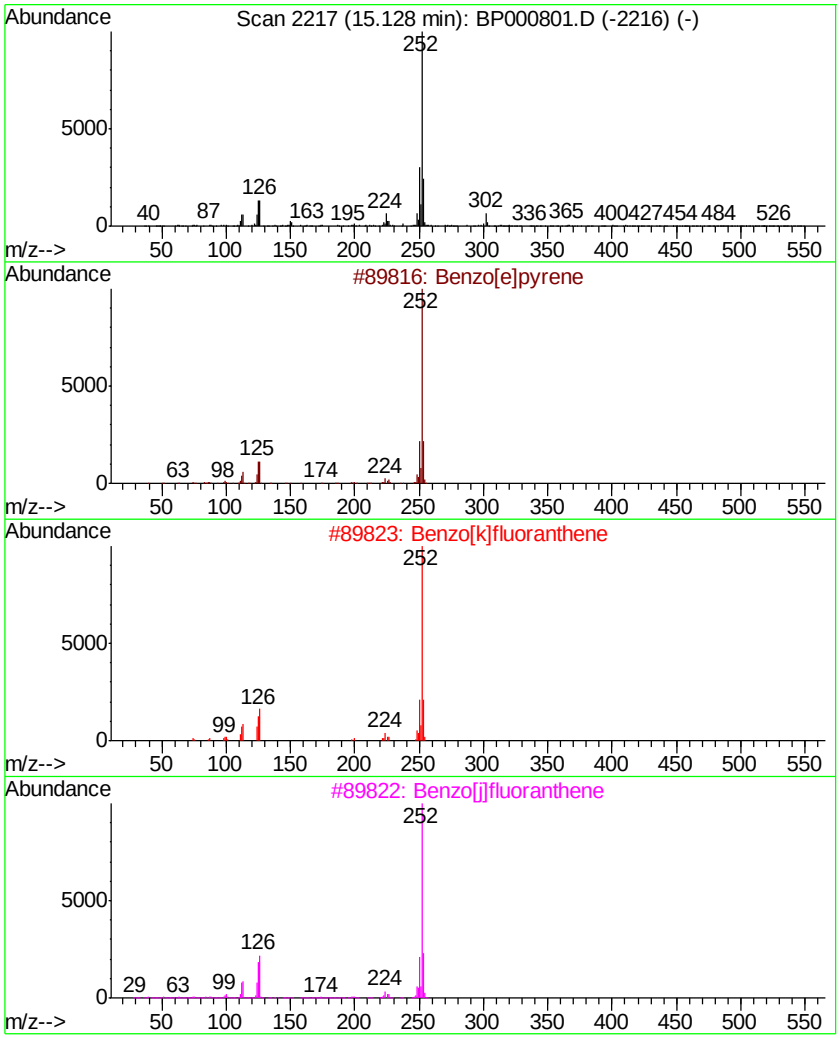
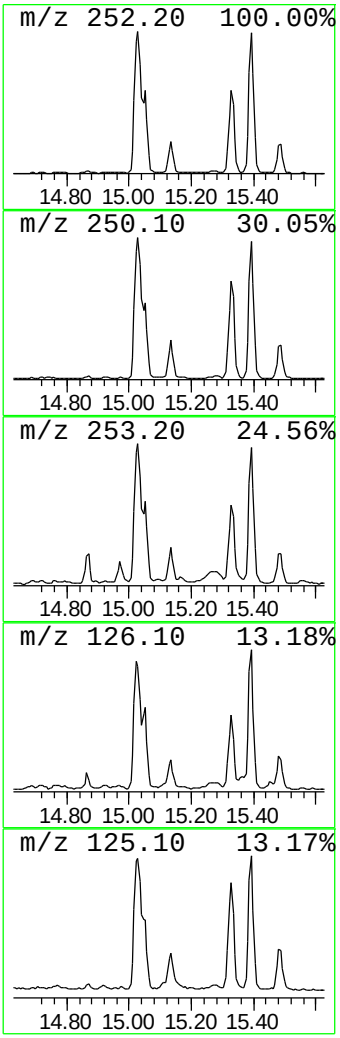
Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.99 ng/ul	465273	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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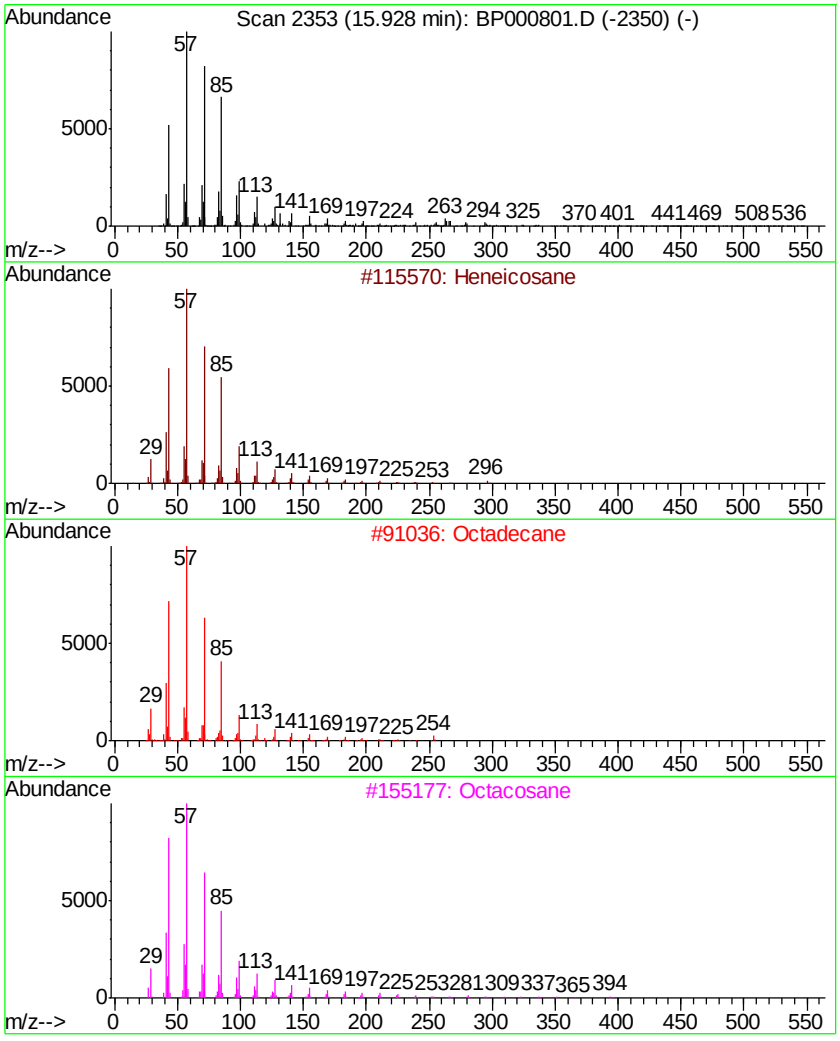
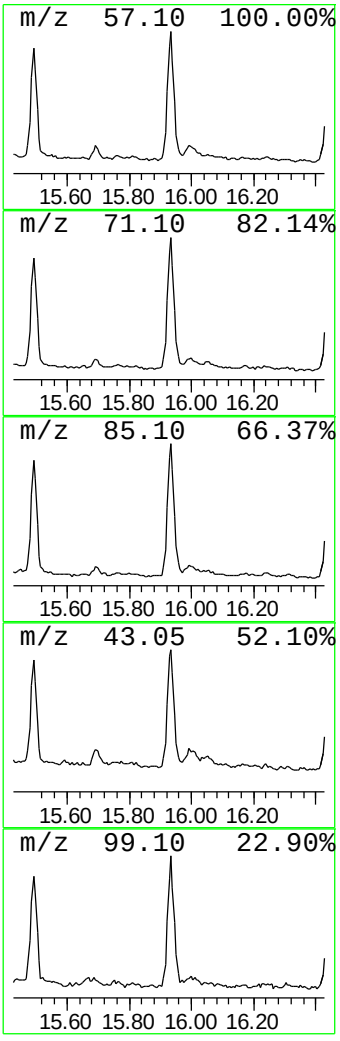
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.94 ng/ul	306406	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

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Data File : BP000801.D
Acq On : 16 Oct 2019 10:29
Operator : JU
Sample : K5199-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPG9

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
Anthracene, 2-met...	11.80	2.7	ng/ul	241952	4	11.29	1770870	20.0
Phenanthrene, 2-m...	11.83	4.2	ng/ul	375626	4	11.29	1770870	20.0
4H-Cyclopenta[def...	11.92	5.2	ng/ul	459546	4	11.29	1770870	20.0
1H-Cyclopropa[l]p...	11.94	2.3	ng/ul	200665	4	11.29	1770870	20.0
Phenanthrene, 2,5...	12.36	2.9	ng/ul	259200	4	11.29	1770870	20.0
unknown-01	12.40	2.1	ng/ul	183922	4	11.29	1770870	20.0
Cyclopenta(def)ph...	12.45	2.2	ng/ul	196116	4	11.29	1770870	20.0
Butyl citrate	12.93	2.8	ng/ul	440168	5	13.97	3201280	20.0
11H-Benzo[b]fluorene	13.09	2.5	ng/ul	401642	5	13.97	3201280	20.0
Fluoranthene, 2-m...	13.19	2.2	ng/ul	359148	5	13.97	3201280	20.0
11H-Benzo[a]fluor...	13.82	4.2	ng/ul	668542	5	13.97	3201280	20.0
(DEL) Alkane: Str...	14.77	2.3	ng/ul	175317	6	15.46	1553730	20.0
(DEL) Alkane: Str...	15.11	3.6	ng/ul	279972	6	15.46	1553730	20.0
Benzo[e]pyrene	15.13	6.0	ng/ul	465273	6	15.46	1553730	20.0
(DEL) Alkane: Str...	15.93	3.9	ng/ul	306406	6	15.46	1553730	20.0