LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.840	465	468	483	rVB	341030	616594	11.38%	1.080%
2	5.263	535	540	550	rBV	4609398	4896445	90.37%	8.578%
3	6.169	691	694	698	rBV3	55305	65758	1.21%	0.115%
4	6.304	712	717	720	rBV	4172531	4835498	89.25%	8.471%
5	6.422	732	737	740	rBV	4951332	4849814	89.51%	8.496%
6	6.481	743	747	752	rVB4	59628	79878	1.47%	0.140%
7	6.645	771	775	782	rVB	1036358	918068	16.94%	1.608%
8	6.804	797	802	805	rBV	4055812	3731556	68.87%	6.537%
9	7.034	838	841	844	rBV2	59730	71492	1.32%	0.125%
10	7.216	867	872	875	rBV	2747373	3118823	57.56%	5.464%
11	7.245	875	877	881	rVB2	90935	91268	1.68%	0.160%
12	7.928	988	993	996	rBV	1341555	1267236	23.39%	2.220%
13	7.992	1002	1004	1007	rVB	73104	68976	1.27%	0.121%
14	8.357	1061	1066	1068	rBV	137512	130116	2.40%	0.228%
15	8.528	1091	1095	1098	rBV	110188	107822	1.99%	0.189%
16	8.639	1112	1114	1117	rVB	83138	71633	1.32%	0.125%
17	8.739	1126	1131	1134	rBV	90419	89832	1.66%	0.157%
18	8.951	1165	1167	1170	rVB	63487	59621	1.10%	0.104%
19	9.010	1171	1177	1180	rBV	5469719	5417952	100.00%	9.492%
20	9.086	1188	1190	1198	rVB2	125681	138452	2.56%	0.243%
21	9.275	1217	1222	1225	rVB3	59106	89320	1.65%	0.156%
22	9.339	1230	1233	1236	rVV	134022	156127	2.88%	0.274%
23	9.404	1240	1244	1247	rVV	660895	552429	10.20%	0.968%
24	9.457	1251	1253	1257	rVB2	55018	62830	1.16%	0.110%
25	9.616	1277	1280	1284	rBV	165358	131536	2.43%	0.230%
26	9.680	1284	1291	1294	rBV	1448584	1359525	25.09%	2.382%
27	9.786	1306	1309	1313	rVB2	50586	59712	1.10%	0.105%
28	9.880	1322	1325	1328	rBV2	108981	113317	2.09%	0.199%
29	9.922	1330	1332	1337	rVB3	84726	99415	1.83%	0.174%
30	9.998	1342	1345	1348	rBV2	71563	80783	1.49%	0.142%
31	10.028	1348	1350	1355	rVB	70018	72767	1.34%	0.127%
32	10.086	1356	1360	1362	rBV2	82364	94206	1.74%	0.165%
33	10.116	1362	1365	1368	rVB	183553	157890	2.91%	0.277%
34	10.157	1368	1372	1374	rBV2	47251	57704	1.07%	0.101%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.245	1384	1387	1390	rVB2	57728	59355	1.10%	0.104%
36	10.333	1398	1402	1405	rBV	78001	84166	1.55%	0.147%
37	10.380	1407	1410	1414	rVB3	81800	93935	1.73%	0.165%
38	10.475	1419	1426	1429	rBV	3047894	3149616	58.13%	5.518%
39	10.586	1442	1445	1452	rBV3	262453	368475	6.80%	0.646%
40	10.775	1468	1477	1479	rBV5	66501	113861	2.10%	0.199%
41	10.798	1479	1481	1485	rVB2	60171	65575	1.21%	0.115%
42	10.904	1495	1499	1501	rBV3	58387	87058	1.61%	0.153%
43	10.969	1508	1510	1514	rBV2	106882	115838	2.14%	0.203%
44	11.016	1514	1518	1519	rVV2	62416	83031	1.53%	0.145%
45	11.033	1519	1521	1524	rVV	203251	177781	3.28%	0.311%
46	11.063	1524	1526	1533	rVB4	97306	106177	1.96%	0.186%
47	11.163	1539	1543	1545	rBV	1519327	1339366	24.72%	2.346%
48	11.186	1545	1547	1549	rVB	450242	350437	6.47%	0.614%
49	11.275	1558	1562	1565	rBV2	64910	81019	1.50%	0.142%
50	11.345	1568	1574	1577	rVV3	105679	170902	3.15%	0.299%
51	11.398	1579	1583	1591	rVV3	82185	184542	3.41%	0.323%
52	11.457	1591	1593	1595	rVV	166593	133976	2.47%	0.235%
53	11.492	1596	1599	1605	rVB2	84867	133161	2.46%	0.233%
54	11.557	1607	1610	1615	rBV4	50918	81481	1.50%	0.143%
55	11.663	1625	1628	1630	rBV	207504	189938	3.51%	0.333%
56	11.692	1630	1633	1637	rVB	345476	382829	7.07%	0.671%
57	11.769	1642	1646	1648	rVV	275729	276538	5.10%	0.484%
58	11.792	1648	1650	1654	rVB	146759	135632	2.50%	0.238%
59	11.863	1657	1662	1665	rBV3	139915	196708	3.63%	0.345%
60	11.892	1665	1667	1670	rVB	94048	80991	1.49%	0.142%
61	11.957	1675	1678	1681	rVV2	184851	197358	3.64%	0.346%
62	11.992	1681	1684	1688	rVB2	82349	97909	1.81%	0.172%
63	12.104	1698	1703	1706	rBV2	120637	150902	2.79%	0.264%
64	12.139	1706	1709	1711	rVV	148529	158821	2.93%	0.278%
65	12.163	1711	1713	1715	rVV	110986	96162	1.77%	0.168%
66	12.210	1718	1721	1724	rVV	299847	275714	5.09%	0.483%
67	12.245	1724	1727	1730	rVV2	169894	257941	4.76%	0.452%
68	12.298	1733	1736	1739	rVB2	108736	119276	2.20%	0.209%
69	12.369	1744	1748	1752	rBV	979280	883236	16.30%	1.547%
70	12.416	1753	1756	1758	rBV	136696	106920	1.97%	0.187%
71	12.598	1781	1787	1789	rBV	774441	736700	13.60%	1.291%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.621	1789	1791	1794	rVV	152897	127563	2.35%	0.223%
73	12.657	1794	1797	1803	rVB3	121468	129200	2.38%	0.226%
74	12.751	1808	1813	1816	rBV	4733246	4681126	86.40%	8.201%
75	12.816	1821	1824	1832	rBV5	123975	175942	3.25%	0.308%
76	12.910	1836	1840	1841	rVV4	93781	112820	2.08%	0.198%
77	12.927	1841	1843	1846	rVB	130726	110371	2.04%	0.193%
78	12.974	1849	1851	1856	rVV4	75734	105006	1.94%	0.184%
79	13.027	1856	1860	1865	rVB3	96226	124779	2.30%	0.219%
80	13.151	1879	1881	1886	rBV4	54845	70936	1.31%	0.124%
81	13.227	1890	1894	1900	rVB	391642	373934	6.90%	0.655%
82	13.321	1907	1910	1913	rBV2	95036	104450	1.93%	0.183%
83	13.351	1913	1915	1922	rVB3	100191	130826	2.41%	0.229%
84	13.439	1927	1930	1934	rVB	152084	156065	2.88%	0.273%
85	13.545	1945	1948	1950	rVB	98148	81671	1.51%	0.143%
86	13.645	1962	1965	1971	rVB	291836	320360	5.91%	0.561%
87	13.792	1986	1990	1993	rBV2	1076236	1361639	25.13%	2.385%
88	13.821	1993	1995	1997	rVV	395249	323040	5.96%	0.566%
89	14.180	2051	2056	2059	rVB	138358	177651	3.28%	0.311%
90	14.210	2059	2061	2064	rBV	87948	91743	1.69%	0.161%
91	14.557	2118	2120	2123	rBV2	71331	66844	1.23%	0.117%
92	14.657	2134	2137	2140	rBV2	57867	67846	1.25%	0.119%
93	14.798	2157	2161	2170	rBV	479965	789785	14.58%	1.384%
94	14.898	2176	2178	2182	rVB	66030	60264	1.11%	0.106%
95	15.074	2205	2208	2214	rVB	292151	332557	6.14%	0.583%
96	15.133	2214	2218	2223	rVB	332118	376410	6.95%	0.659%
97	15.192	2224	2228	2231	rBV	711653	837565	15.46%	1.467%
98	16.521	2449	2454	2460	rBV	198865	374226	6.91%	0.656%
99	16.927	2518	2523	2529	rVB	165837	300580	5.55%	0.527%
100	17.151	2556	2561	2564	rBV3	39564	78702	1.45%	0.138%

Sum of corrected areas: 57081623

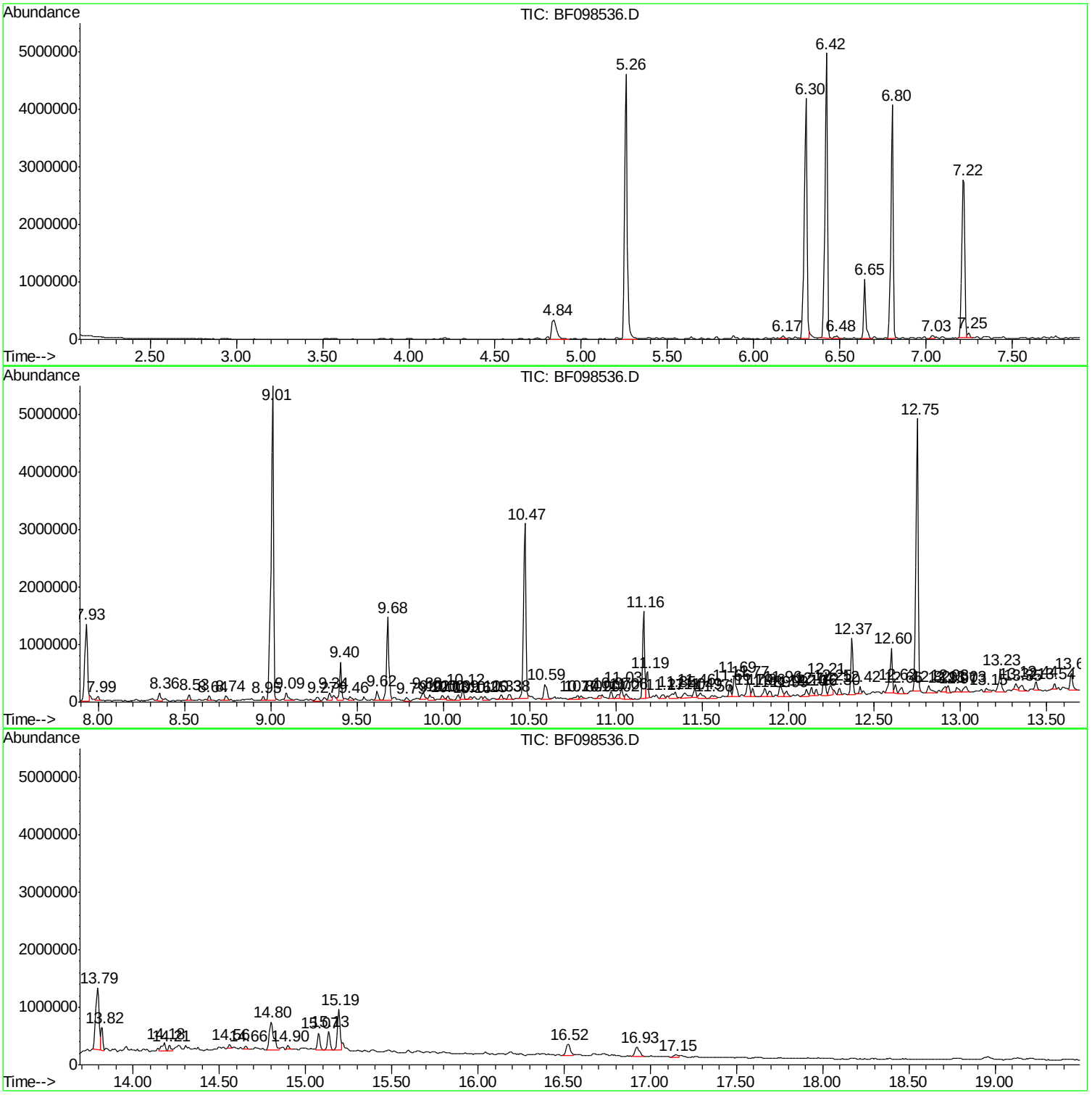
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

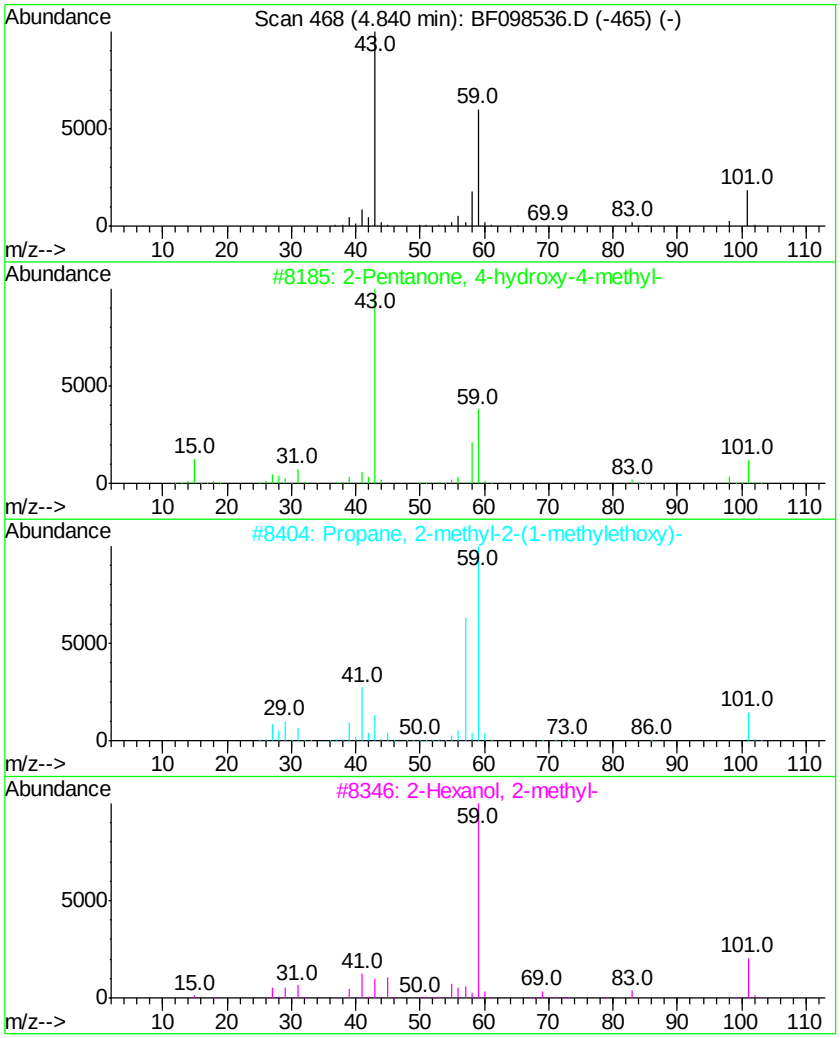
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

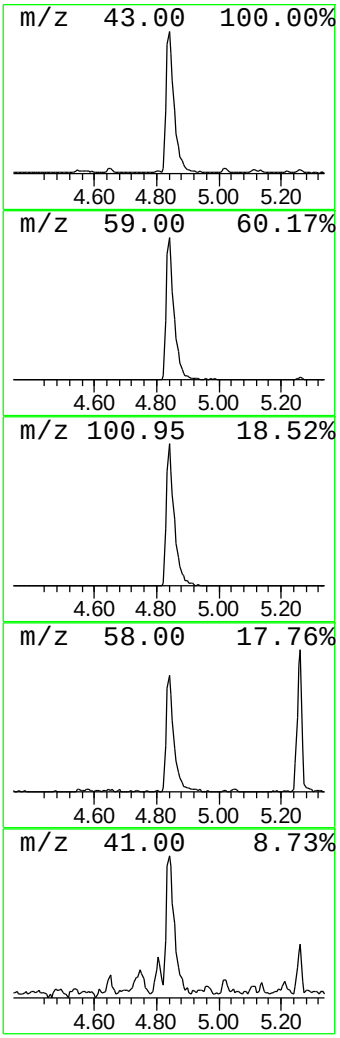
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	13.43 ng	616594	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

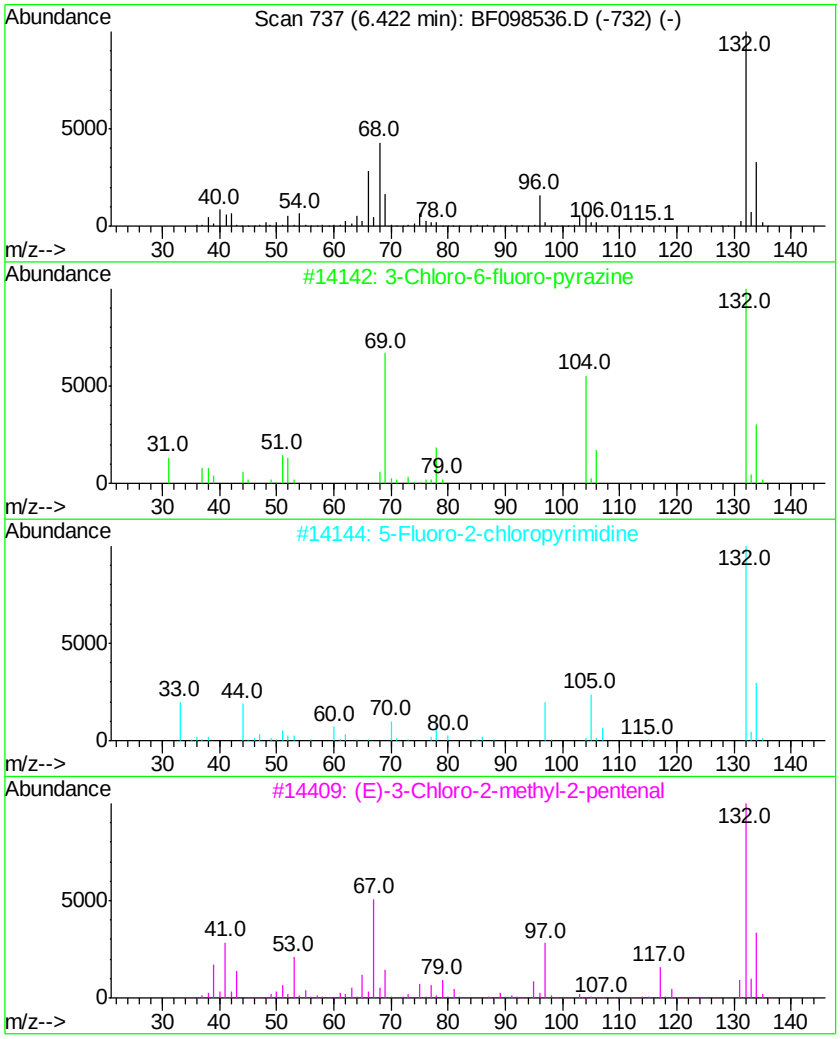
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

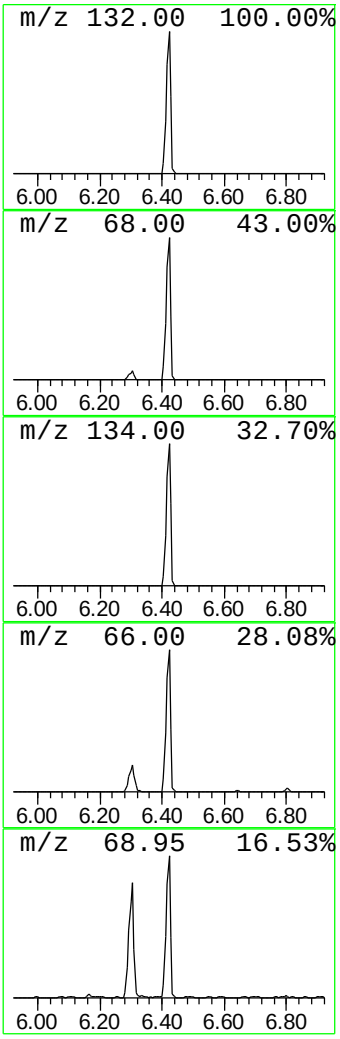
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	105.65 ng	4849810	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

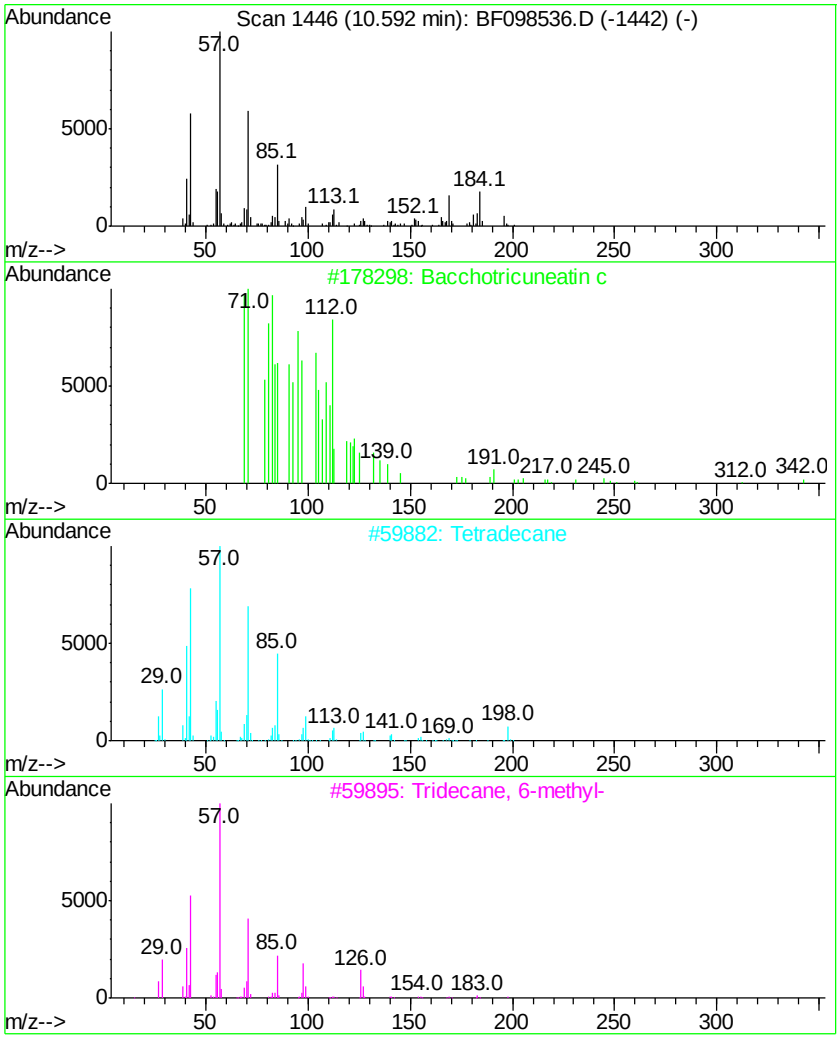
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

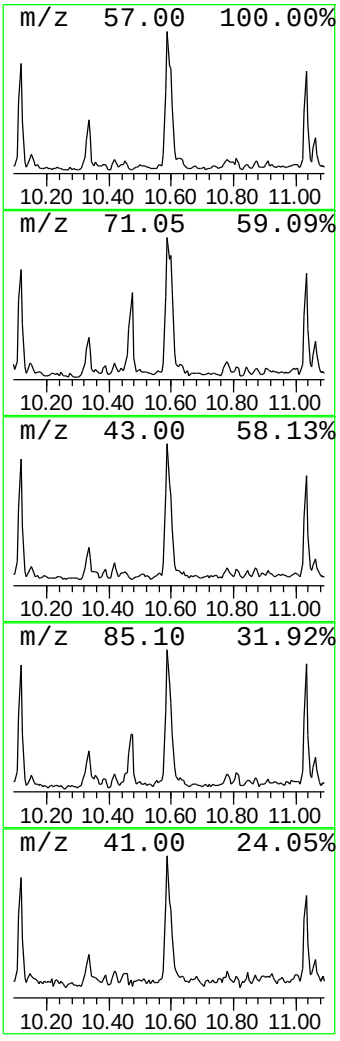
****

Peak Number 4 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	5.50 ng	368475	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Tetradecane	198	C14H30	000629-59-4	94
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
4	Eicosane	282	C20H42	000112-95-8	83
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

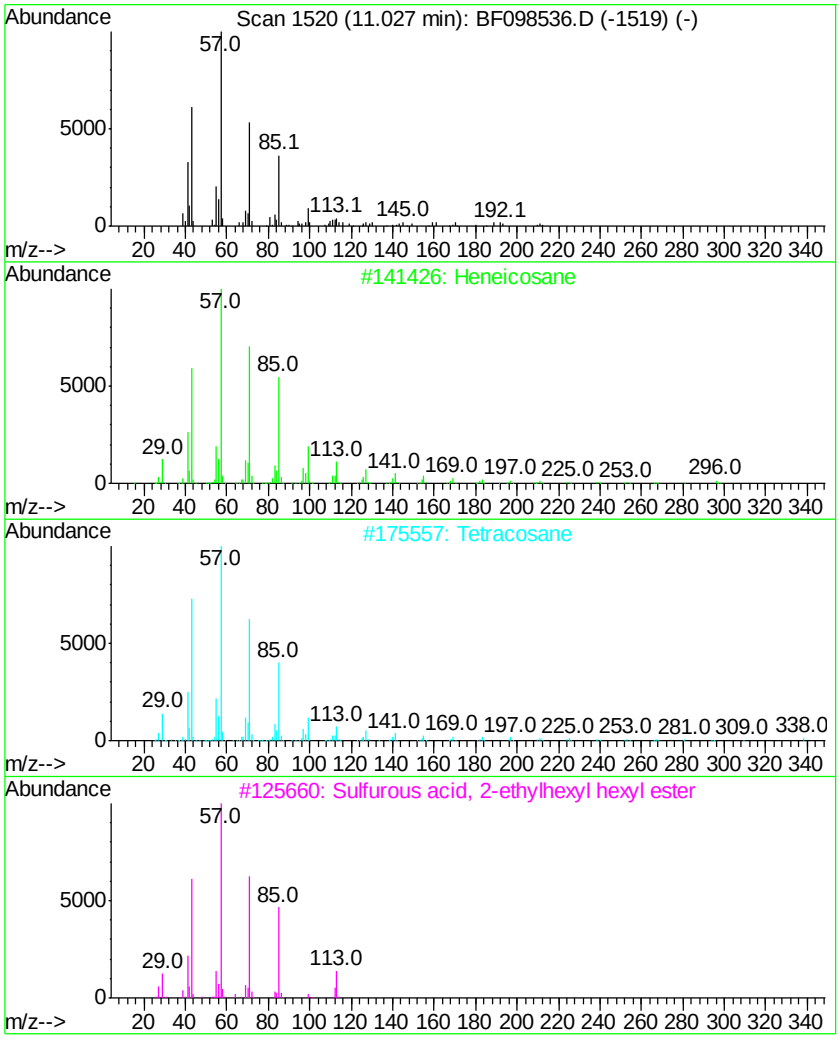
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

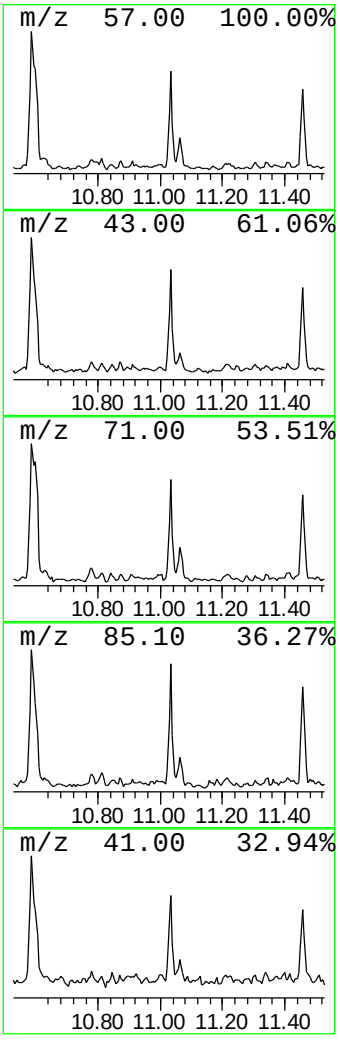
****

Peak Number 5 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.65 ng	177781	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Tetracosane	338	C24H50	000646-31-1	83
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

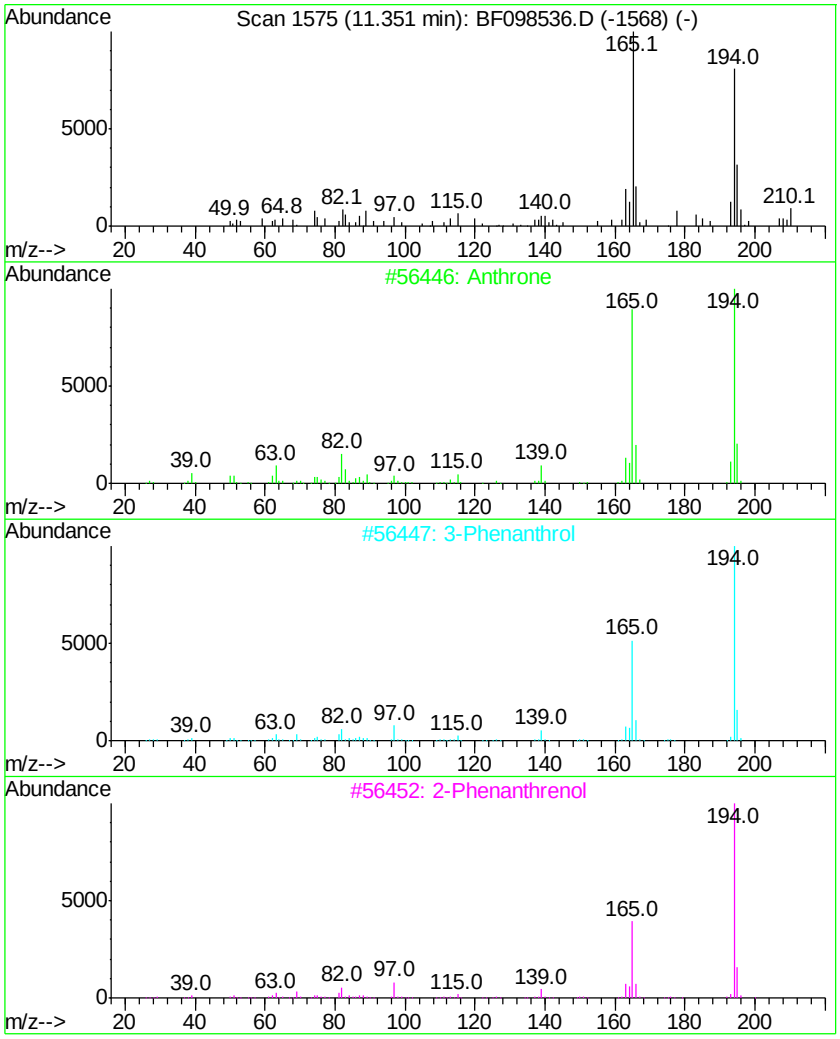
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

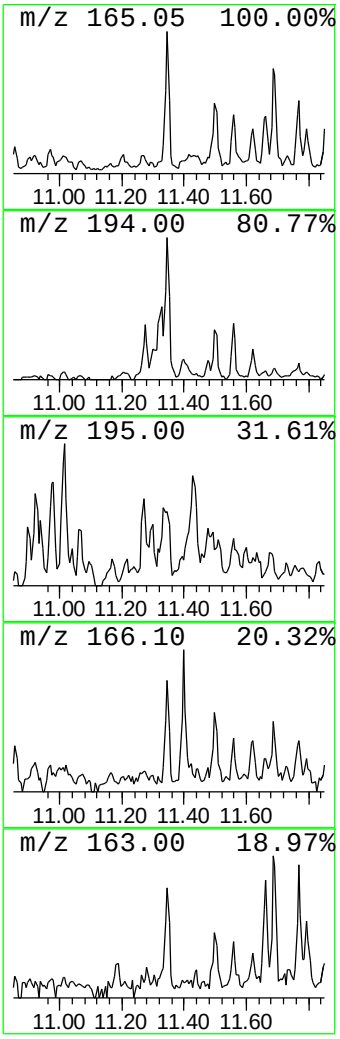
****

Peak Number 6 Anthrone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	2.55 ng	170902	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	90
2	3-Phenanthrol	194	C14H10O	000605-87-8	87
3	2-Phenanthrenol	194	C14H10O	000605-55-0	78
4	9-Phenanthrenol	194	C14H10O	000484-17-3	74
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

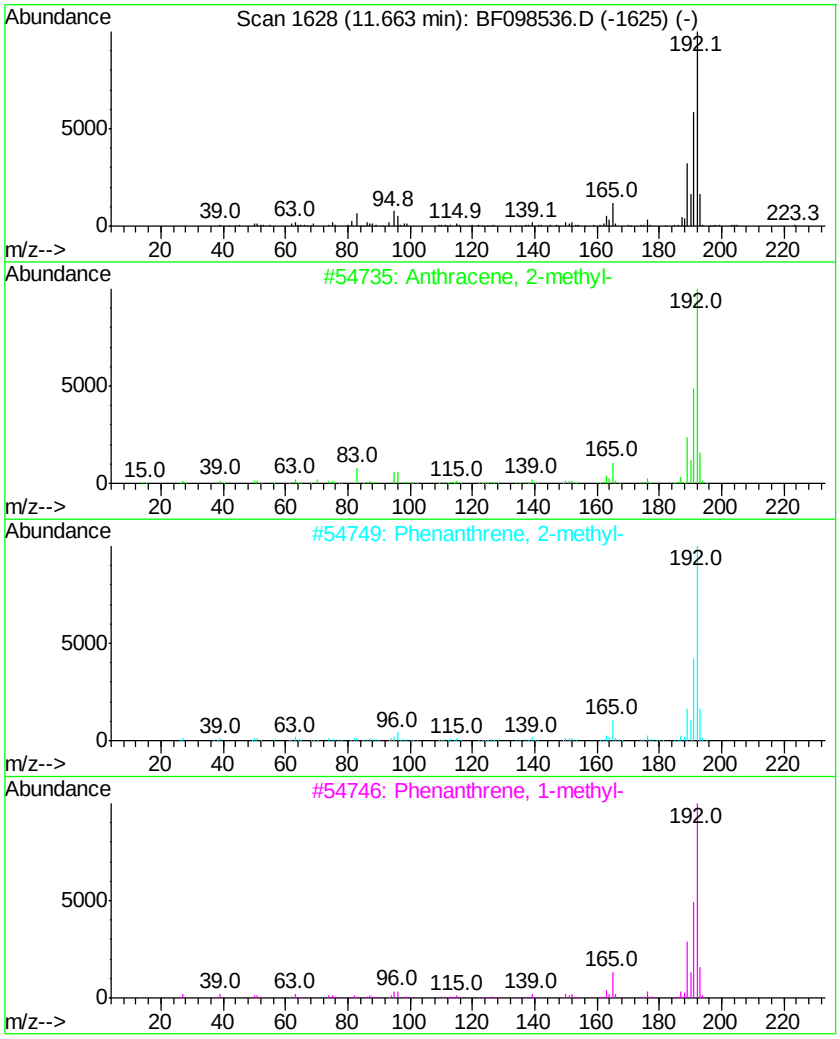
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

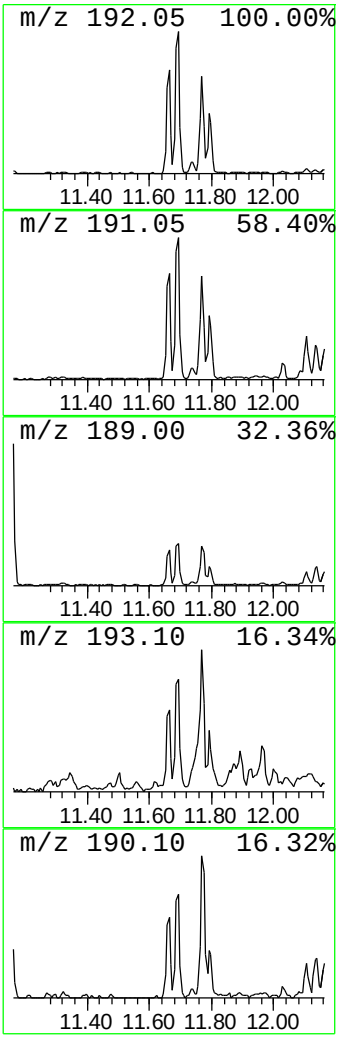
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.84 ng	189938	Phenanthrene-d10	11.16

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	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

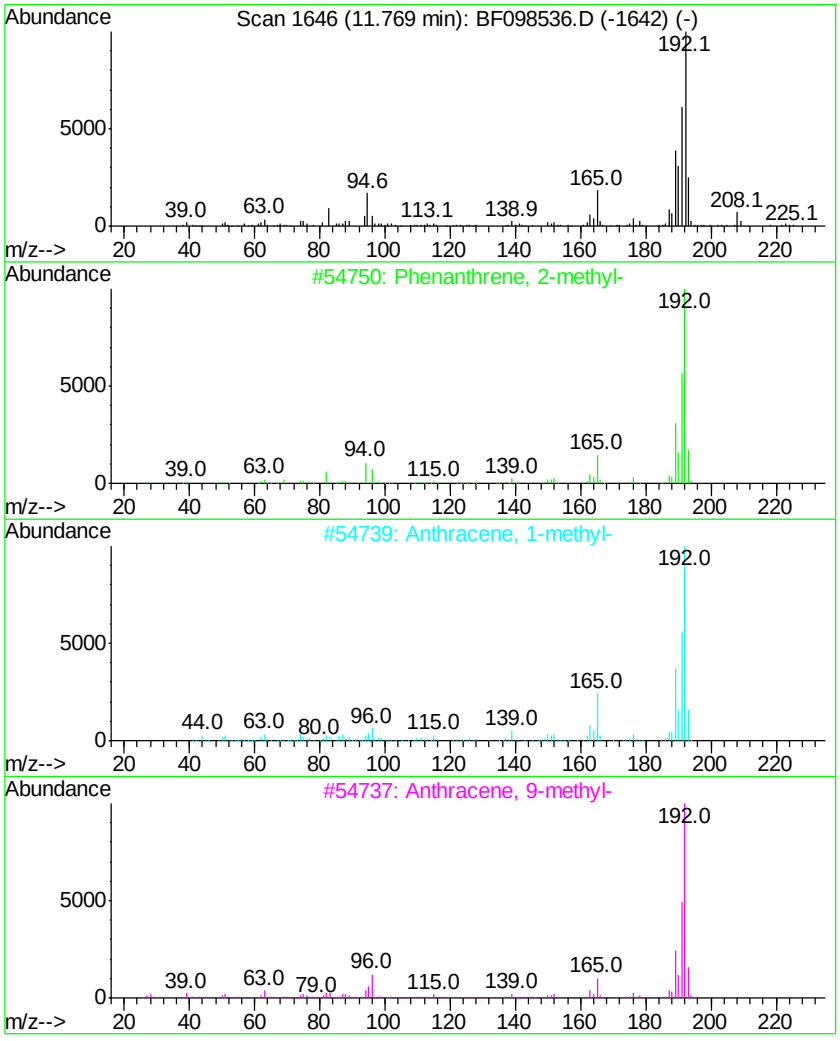
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

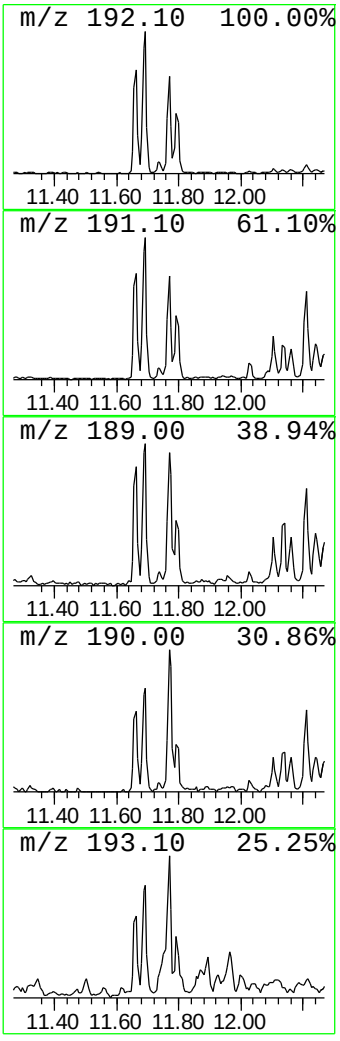
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.13 ng	276538	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

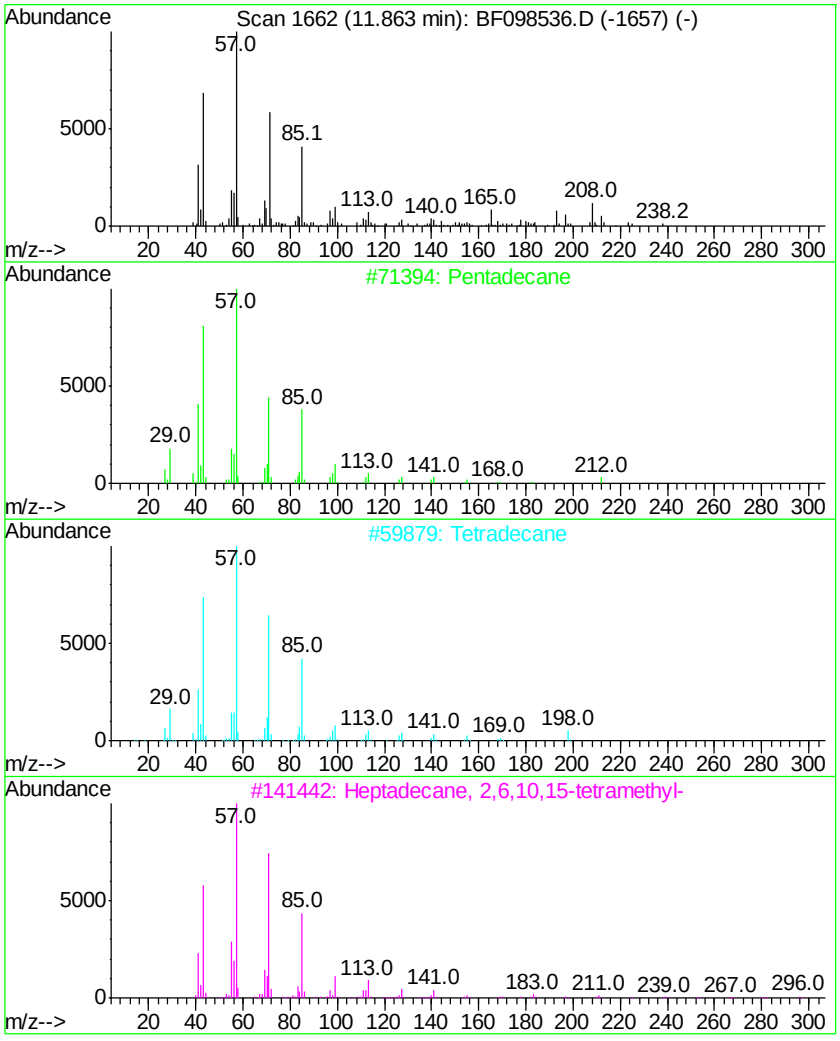
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

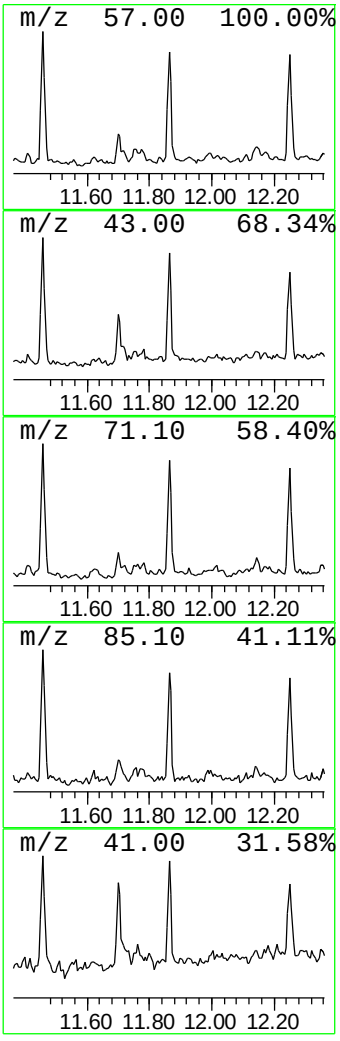
****

Peak Number 11 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.94 ng	196708	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tetradecane	198	C14H30	000629-59-4	81
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

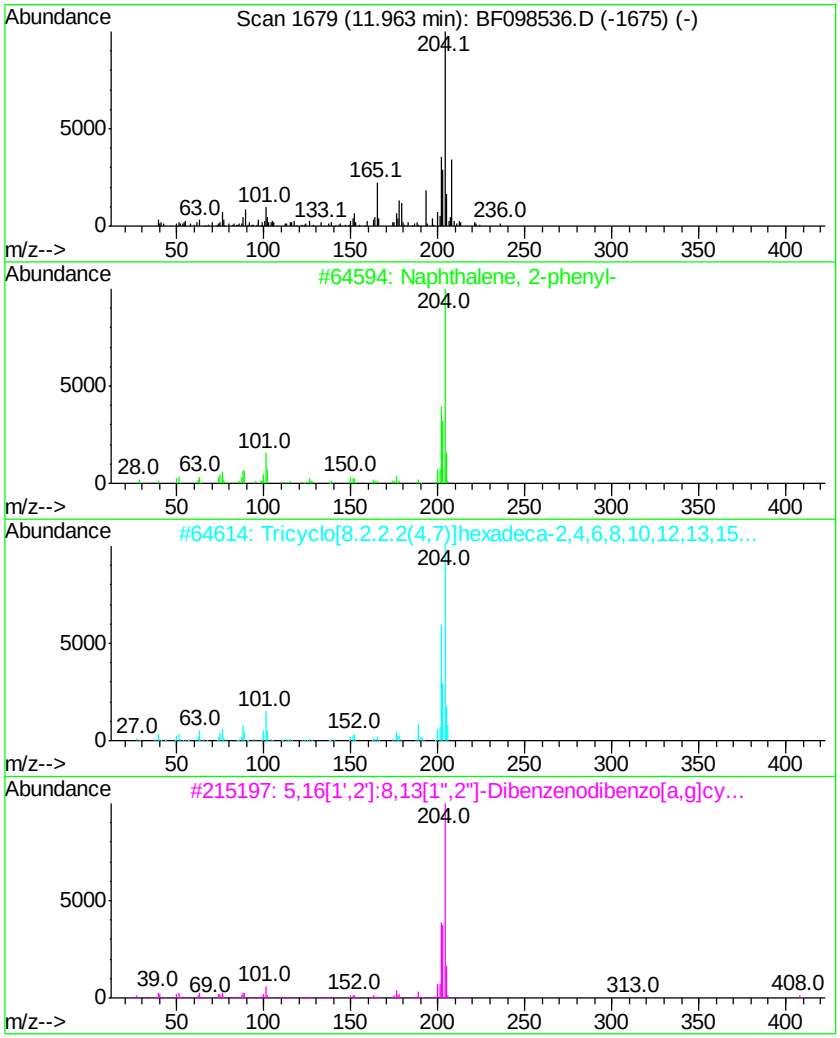
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

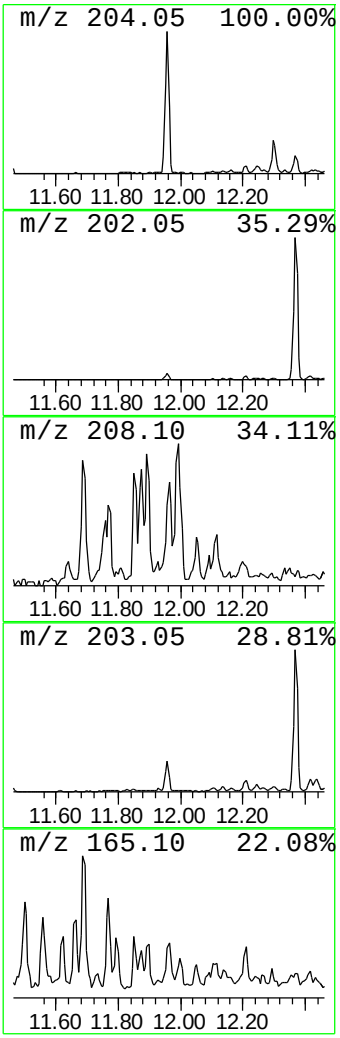
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.95 ng	197358	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

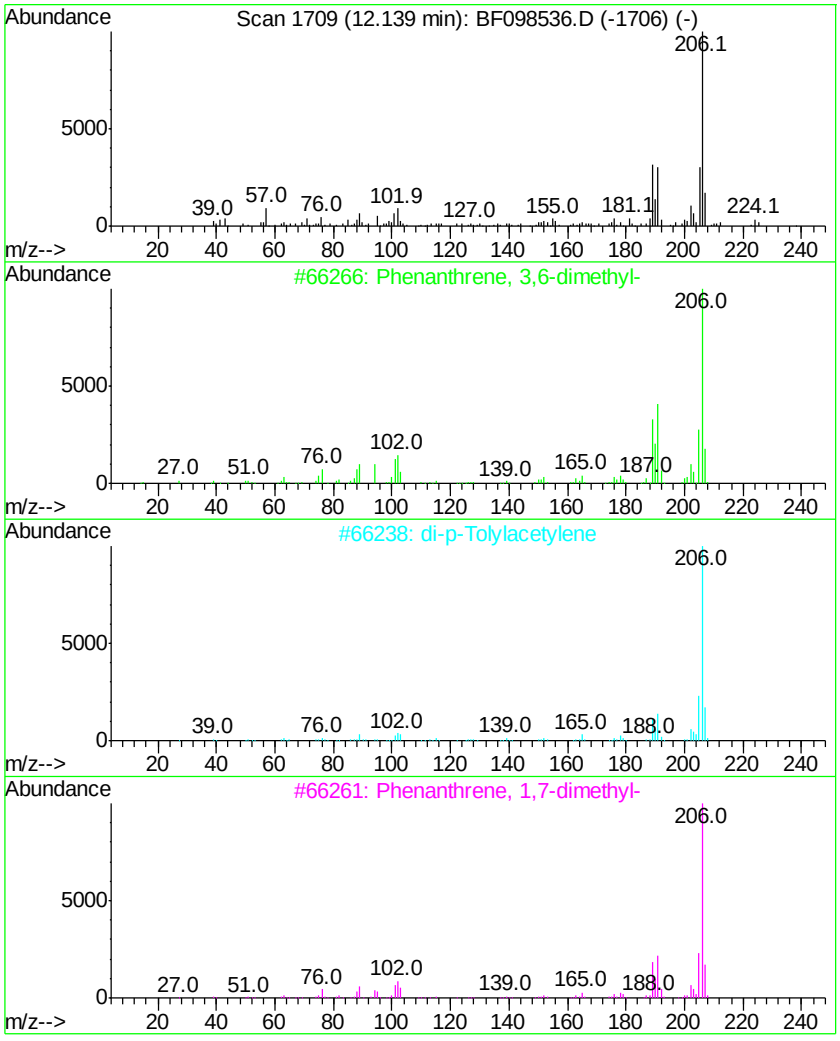
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

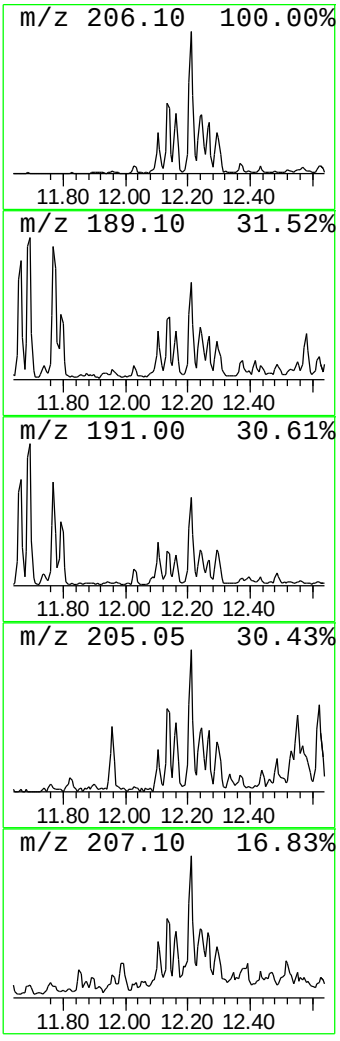
****

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.37 ng	158821	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	68





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

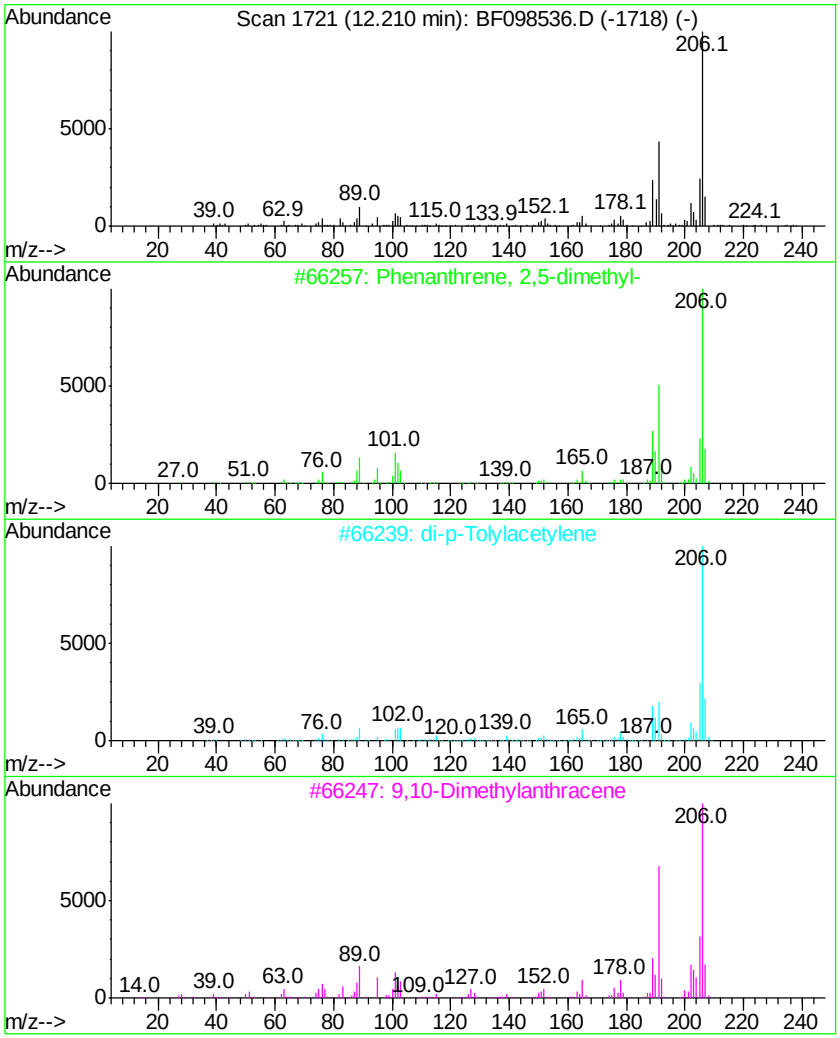
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

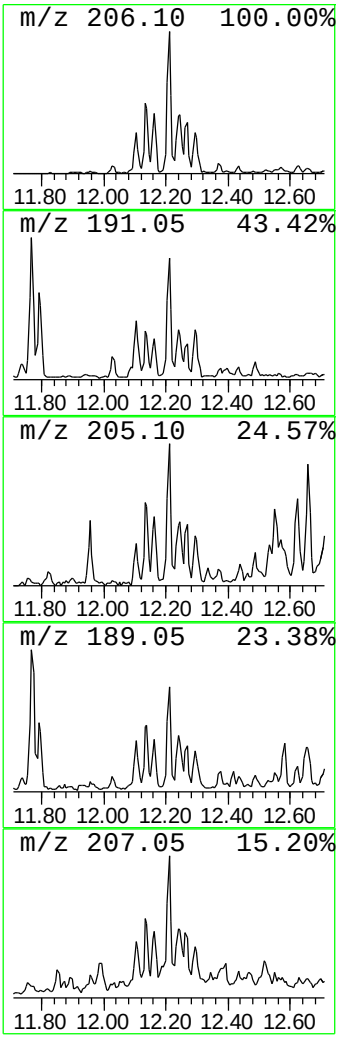
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.12 ng	275714	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

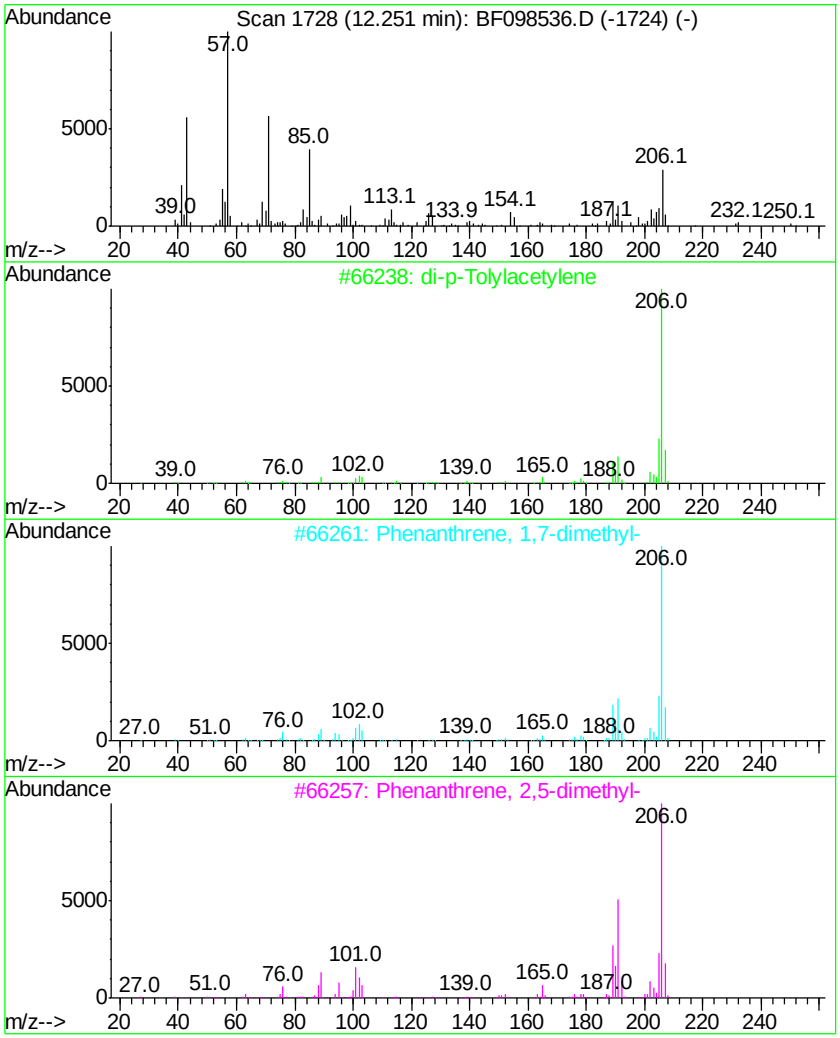
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

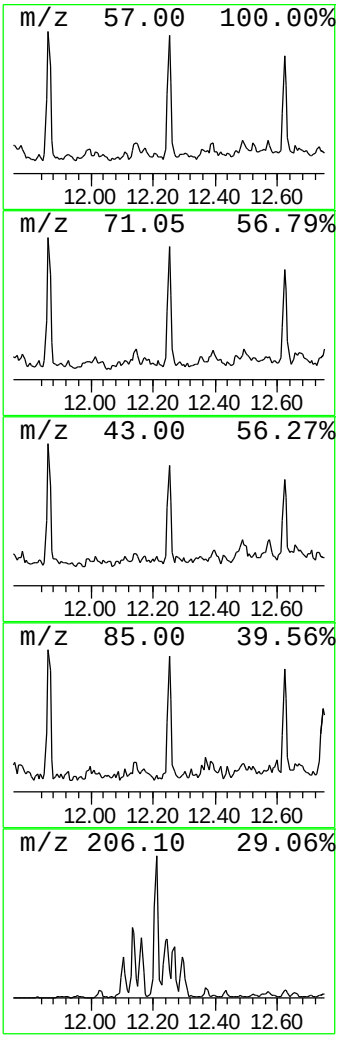
****

Peak Number 15 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.85 ng	257941	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

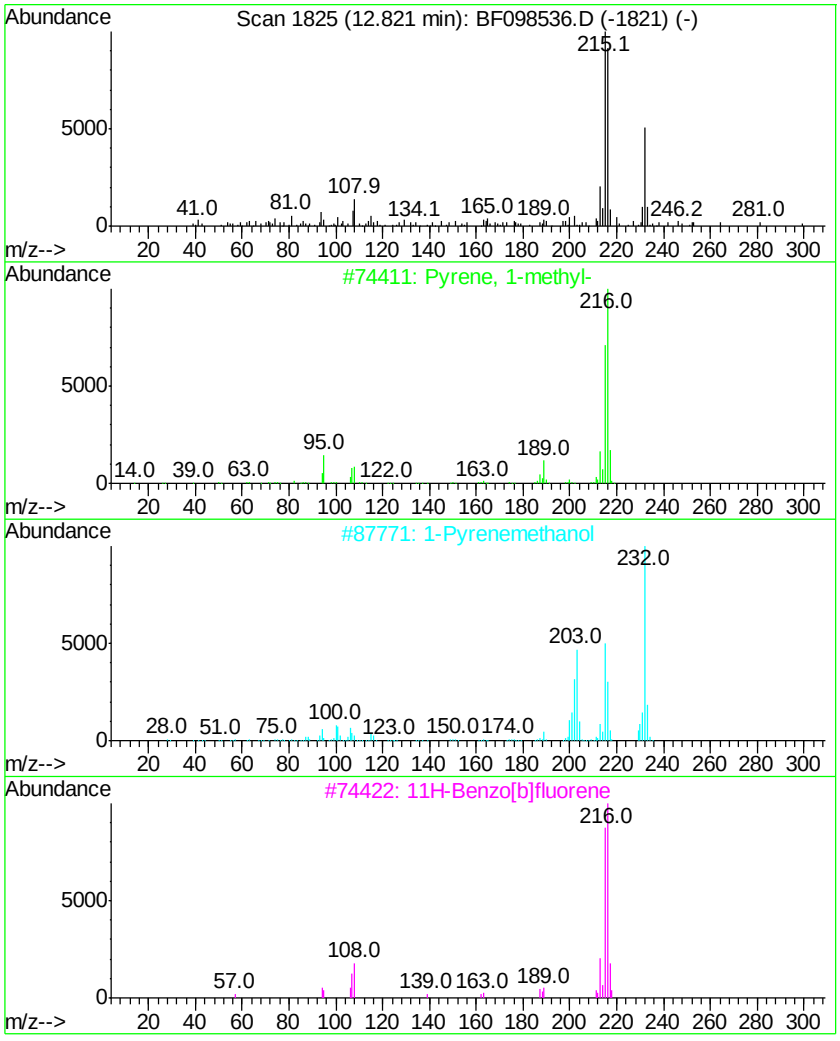
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

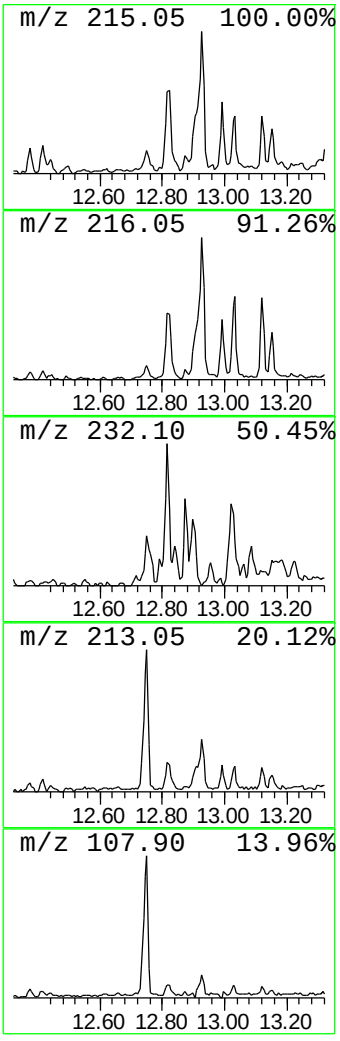
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	2.58 ng	175942	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2	1-Pyrenemethanol	232	C17H12O	024463-15-8	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
4	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

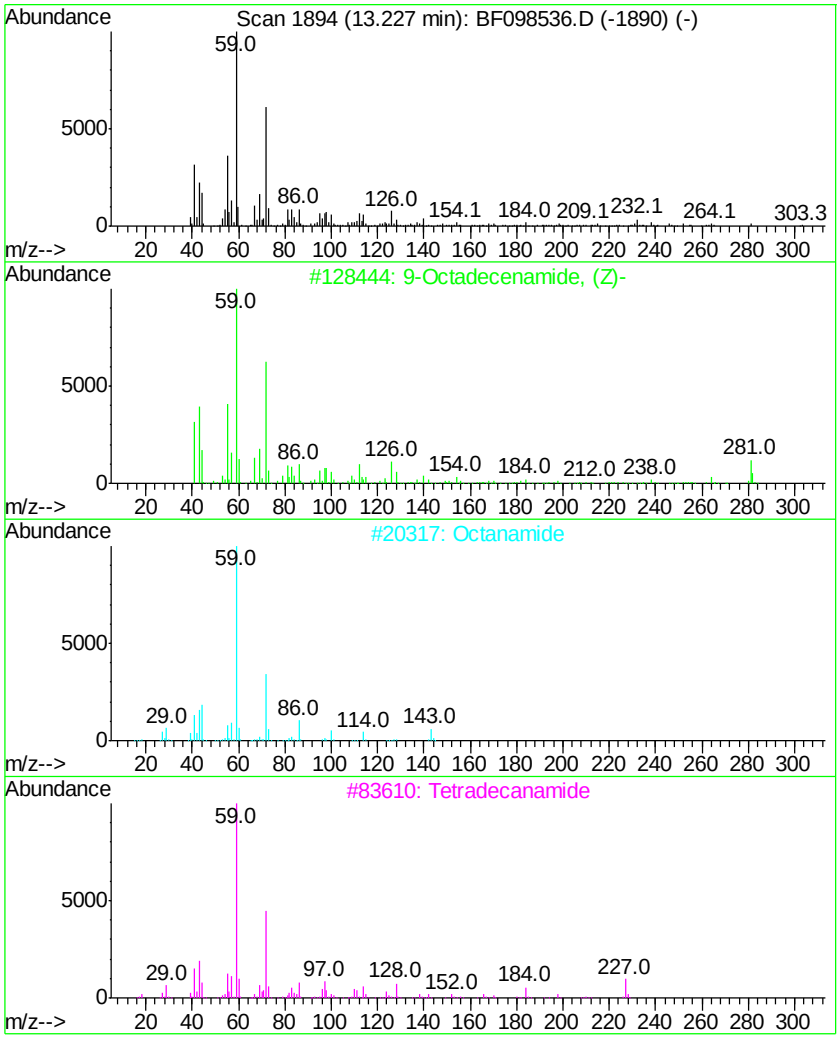
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

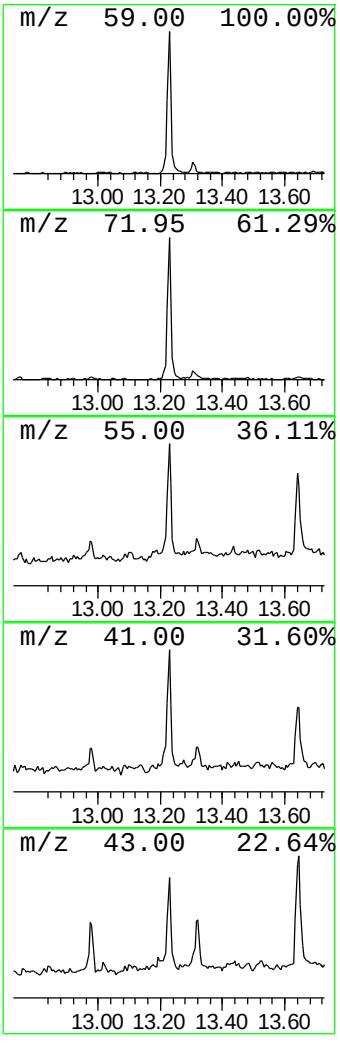
****

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.49 ng	373934	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	Octanamide	143	C8H17NO	000629-01-6	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	7-Nonenamide	155	C9H17NO	090949-53-4	59
5	Nonanamide	157	C9H19NO	001120-07-6	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

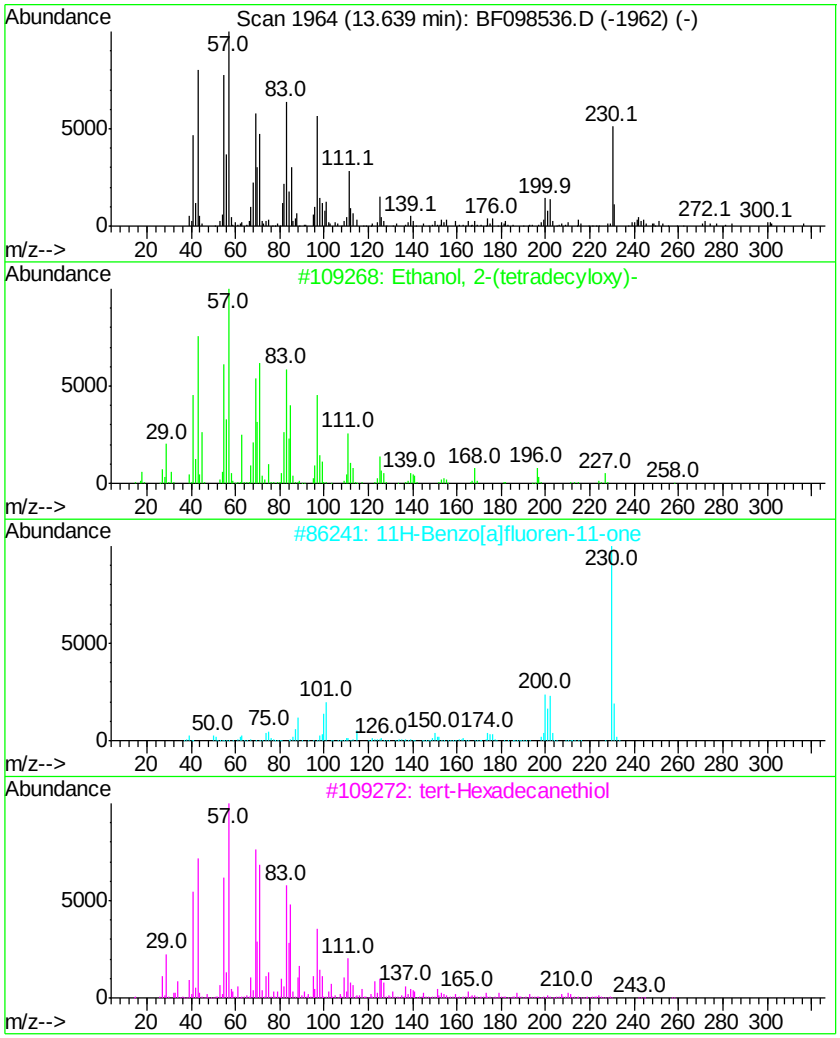
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

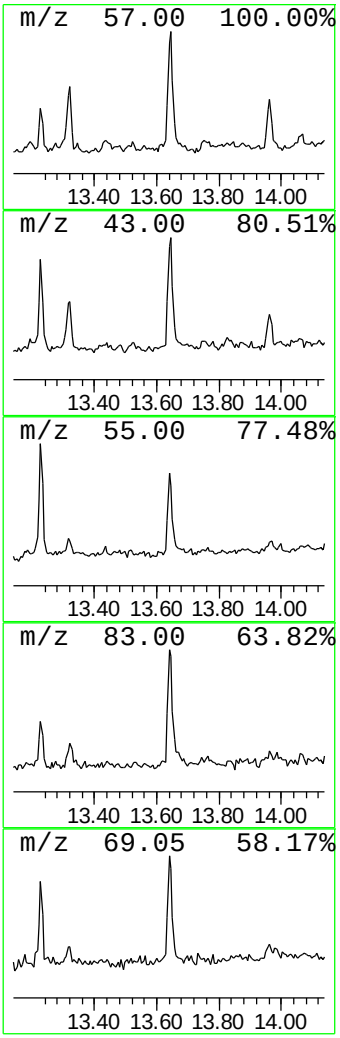
****

Peak Number 18 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	4.71 ng	320360	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
3	tert-Hexadecanethiol	258	C16H34S	025360-09-2	46
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	46
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	45





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

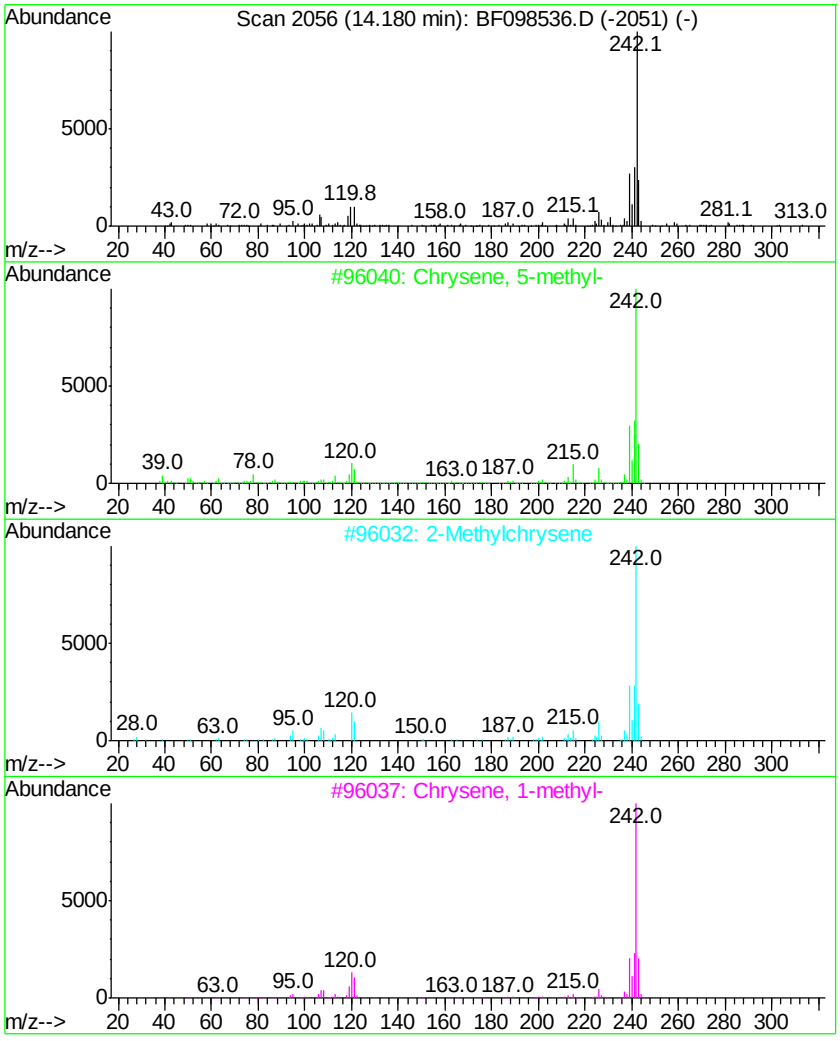
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

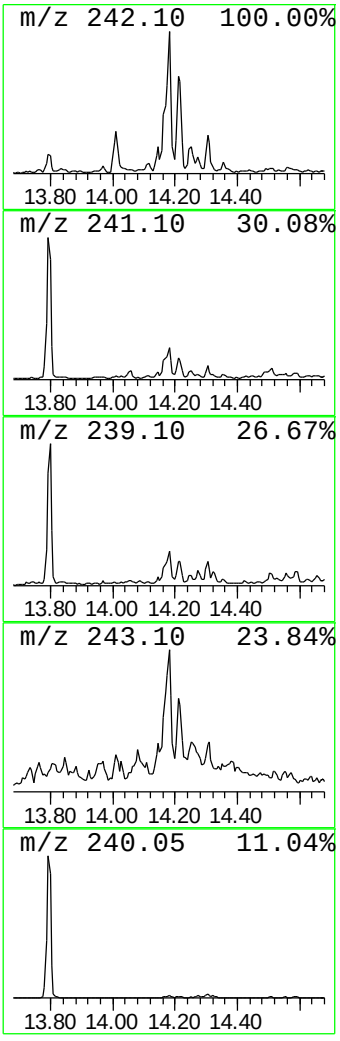
****

Peak Number 19 Chrysene, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.61 ng	177651	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	95
2	2-Methylchrysene	242	C19H14	003351-32-4	94
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

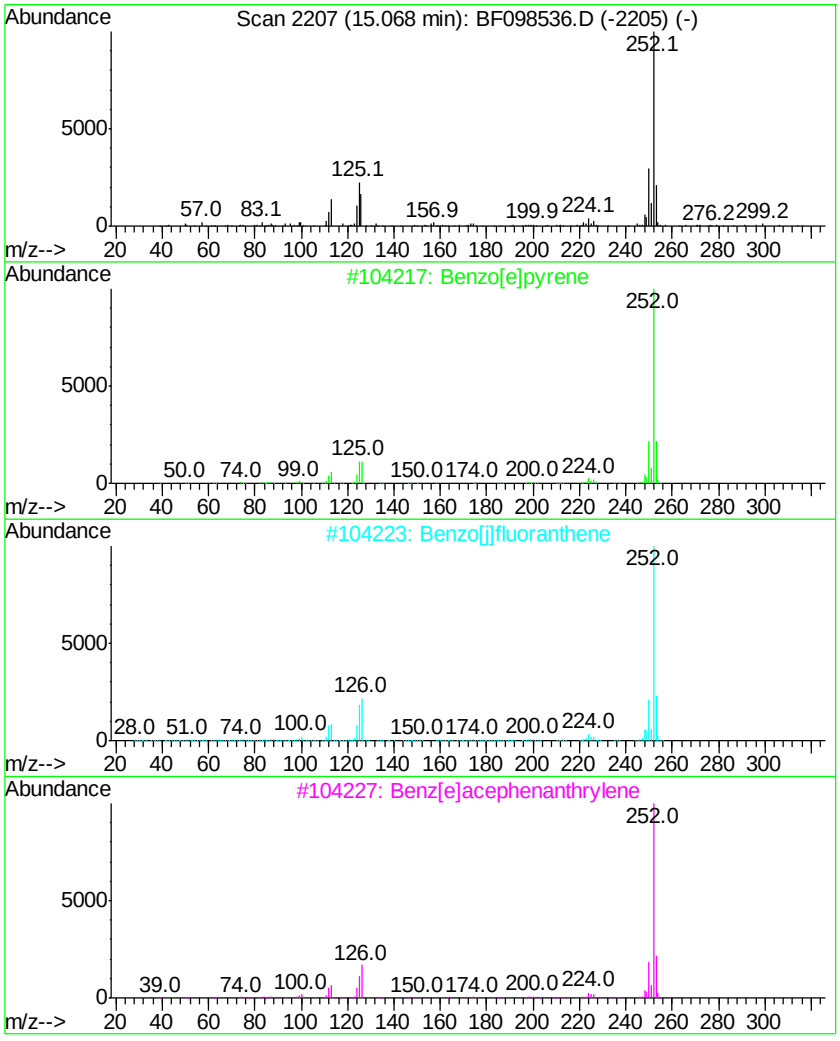
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

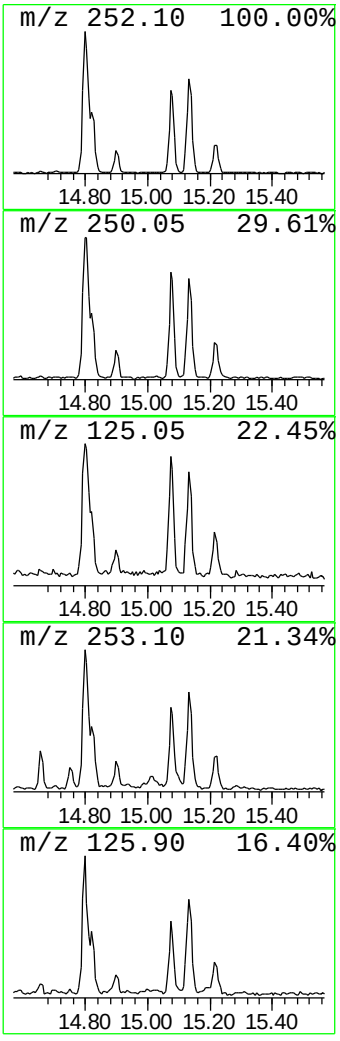
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	7.94 ng	332557	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098536.D
Acq On : 14 Sep 2017 19:02
Operator : SJ/JU
Sample : I5160-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	4.84	13.4	ng	616594	1	6.65	918068	20.0
unknown6.42	6.42	105.7	ng	4849810	1	6.65	918068	20.0
Bacchotricuneatin c	10.59	5.5	ng	368475	4	11.16	1339370	20.0
Heneicosane	11.03	2.6	ng	177781	4	11.16	1339370	20.0
Anthrone	11.35	2.5	ng	170902	4	11.16	1339370	20.0
Anthracene, 2-met...	11.66	2.8	ng	189938	4	11.16	1339370	20.0
Phenanthrene, 2-m...	11.77	4.1	ng	276538	4	11.16	1339370	20.0
Pentadecane	11.86	2.9	ng	196708	4	11.16	1339370	20.0
Naphthalene, 2-ph...	11.96	3.0	ng	197358	4	11.16	1339370	20.0
Phenanthrene, 3,6...	12.14	2.4	ng	158821	4	11.16	1339370	20.0
Phenanthrene, 2,5...	12.21	4.1	ng	275714	4	11.16	1339370	20.0
di-p-Tolylacetylene	12.25	3.9	ng	257941	4	11.16	1339370	20.0
Pyrene, 1-methyl-	12.82	2.6	ng	175942	5	13.79	1361640	20.0
9-Octadecenamide,...	13.23	5.5	ng	373934	5	13.79	1361640	20.0
Ethanol, 2-(tetra...	13.64	4.7	ng	320360	5	13.79	1361640	20.0
Chrysene, 5-methyl-	14.18	2.6	ng	177651	5	13.79	1361640	20.0
Benzo[e]pyrene	15.07	7.9	ng	332557	6	15.19	837565	20.0