LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097491.D
Acq On : 9 Aug 2017 1:51
Operator : SJ/JU
Sample : I4657-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-080717-E

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-BF072517.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	4.528	463	466	481	rBV	105088	197937	9.37%	0.903%
2	4.998	543	546	572	rBV	1593865	2112278	100.00%	9.631%
3	6.081	726	730	743	rBV	1770553	1997718	94.58%	9.109%
4	6.181	743	747	758	rVB	1941119	1927176	91.24%	8.787%
5	6.404	782	785	797	rVB	623993	593874	28.12%	2.708%
6	6.563	808	812	827	rVB	1267860	1245671	58.97%	5.680%
7	6.975	879	882	901	rBV	1018463	1105492	52.34%	5.041%
8	7.686	1000	1003	1014	rBV	700342	654258	30.97%	2.983%
9	8.404	1123	1125	1133	rVB	22810	28361	1.34%	0.129%
10	8.498	1137	1141	1149	rVB	32598	34192	1.62%	0.156%
11	8.769	1183	1187	1190	rBV	1360987	1192987	56.48%	5.440%
12	9.098	1240	1243	1246	rBV	32117	34694	1.64%	0.158%
13	9.127	1246	1248	1252	rVB2	19033	21133	1.00%	0.096%
14	9.169	1252	1255	1260	rBV	315606	269020	12.74%	1.227%
15	9.216	1260	1263	1270	rVB	23574	33029	1.56%	0.151%
16	9.298	1273	1277	1283	rVV	64976	65886	3.12%	0.300%
17	9.433	1296	1300	1303	rBV	622369	542570	25.69%	2.474%
18	9.463	1303	1305	1310	rVB	48917	45853	2.17%	0.209%
19	9.645	1330	1336	1340	rBV2	31586	39296	1.86%	0.179%
20	9.680	1340	1342	1345	rBV	23378	21994	1.04%	0.100%
21	9.751	1351	1354	1357	rBV2	27638	27686	1.31%	0.126%
22	9.886	1375	1377	1381	rVB	52701	43436	2.06%	0.198%
23	9.980	1390	1393	1399	rVB	73863	82585	3.91%	0.377%
24	10.039	1399	1403	1405	rBV3	22887	32728	1.55%	0.149%
25	10.110	1409	1415	1417	rVB3	28423	46667	2.21%	0.213%
26	10.222	1430	1434	1440	rBV	834944	790845	37.44%	3.606%
27	10.357	1453	1457	1463	rBV3	76167	104225	4.93%	0.475%
28	10.527	1481	1486	1488	rBV2	26722	36706	1.74%	0.167%
29	10.551	1488	1490	1493	rVB	37209	29795	1.41%	0.136%
30	10.604	1497	1499	1503	rVB	24374	23383	1.11%	0.107%
31	10.657	1503	1508	1509	rBV3	18194	28433	1.35%	0.130%
32	10.804	1529	1533	1536	rBV	87312	80183	3.80%	0.366%
33	10.833	1536	1538	1541	rVB	25665	21176	1.00%	0.097%
34	10.904	1546	1550	1552	rBV	618287	579142	27.42%	2.641%

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-080717-E

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.927	1552	1554	1559	rVB	444424	382988	18.13%	1.746%
36	10.980	1560	1563	1567	rVB	135208	129743	6.14%	0.592%
37	11.021	1567	1570	1573	rBV2	27817	35783	1.69%	0.163%
38	11.151	1588	1592	1595	rBV	30882	42679	2.02%	0.195%
39	11.233	1603	1606	1609	rVB2	54781	65567	3.10%	0.299%
40	11.321	1617	1621	1625	rVB	35481	41288	1.95%	0.188%
41	11.363	1625	1628	1632	rBV4	15117	27581	1.31%	0.126%
42	11.410	1632	1636	1638	rVV	117767	119902	5.68%	0.547%
43	11.433	1638	1640	1644	rVV	124475	119191	5.64%	0.543%
44	11.469	1644	1646	1647	rVV	92609	72670	3.44%	0.331%
45	11.480	1647	1648	1651	rVV	86179	81358	3.85%	0.371%
46	11.516	1651	1654	1656	rVV	243620	249127	11.79%	1.136%
47	11.539	1656	1658	1665	rVB	126735	122875	5.82%	0.560%
48	11.639	1671	1675	1680	rVB4	39251	50165	2.37%	0.229%
49	11.704	1683	1686	1688	rBV2	51411	46541	2.20%	0.212%
50	11.792	1696	1701	1703	rBV5	19941	34912	1.65%	0.159%
51	11.833	1705	1708	1709	rVV	35907	34125	1.62%	0.156%
52	11.880	1713	1716	1719	rVV2	54858	71642	3.39%	0.327%
53	11.910	1719	1721	1724	rVB	45475	37117	1.76%	0.169%
54	11.957	1726	1729	1731	rBV	150015	145244	6.88%	0.662%
55	11.992	1731	1735	1737	rVV2	78346	103098	4.88%	0.470%
56	12.016	1737	1739	1741	rVV2	46651	42483	2.01%	0.194%
57	12.045	1741	1744	1747	rVV2	53957	69169	3.27%	0.315%
58	12.110	1752	1755	1760	rBV	562302	555622	26.30%	2.533%
59	12.163	1762	1764	1766	rVV2	31988	33971	1.61%	0.155%
60	12.216	1769	1773	1776	rVB2	30151	39213	1.86%	0.179%
61	12.257	1776	1780	1785	rBV5	57688	118498	5.61%	0.540%
62	12.333	1788	1793	1796	rBV	595395	622313	29.46%	2.838%
63	12.363	1796	1798	1801	rVB2	41209	39132	1.85%	0.178%
64	12.463	1812	1815	1816	rBV3	33320	31180	1.48%	0.142%
65	12.486	1816	1819	1826	rVB	1081649	1147478	54.32%	5.232%
66	12.563	1829	1832	1834	rBV	55909	50832	2.41%	0.232%
67	12.615	1839	1841	1844	rBV3	23527	22593	1.07%	0.103%
68	12.645	1844	1846	1847	rBV2	54336	48958	2.32%	0.223%
69	12.668	1848	1850	1853	rVB	138566	113838	5.39%	0.519%
70	12.715	1855	1858	1859	rBV3	39740	43269	2.05%	0.197%
71	12.733	1859	1861	1864	rVB	123225	103886	4.92%	0.474%

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ClientSampleId : CL-01-080717-E

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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72	12.768	1864	1867	1876	rBV	131424	236851	11.21%	1.080%
73	12.863	1880	1883	1885	rVB	93334	81826	3.87%	0.373%
74	12.892	1885	1888	1892	rBV	95118	91602	4.34%	0.418%
75	12.921	1892	1893	1899	rBV6	30953	48805	2.31%	0.223%
76	13.045	1910	1914	1915	rBV3	57728	76852	3.64%	0.350%
77	13.286	1953	1955	1960	rVB3	63931	92699	4.39%	0.423%
78	13.333	1960	1963	1965	rBV	45879	49224	2.33%	0.224%
79	13.533	1992	1997	2000	rBV2	582563	755802	35.78%	3.446%
80	13.557	2000	2001	2004	rVB	208024	153732	7.28%	0.701%
81	13.951	2066	2068	2073	rBV3	67463	87996	4.17%	0.401%
82	14.380	2139	2141	2143	rBV2	98892	108984	5.16%	0.497%
83	14.527	2164	2166	2177	rVB	184852	387986	18.37%	1.769%
84	14.874	2222	2225	2228	rVB	272319	283670	13.43%	1.293%
85	14.904	2228	2230	2236	rVB4	109630	159510	7.55%	0.727%
86	17.268	2629	2632	2638	rBV7	60297	129317	6.12%	0.590%

Sum of corrected areas: 21931296

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Instrument :
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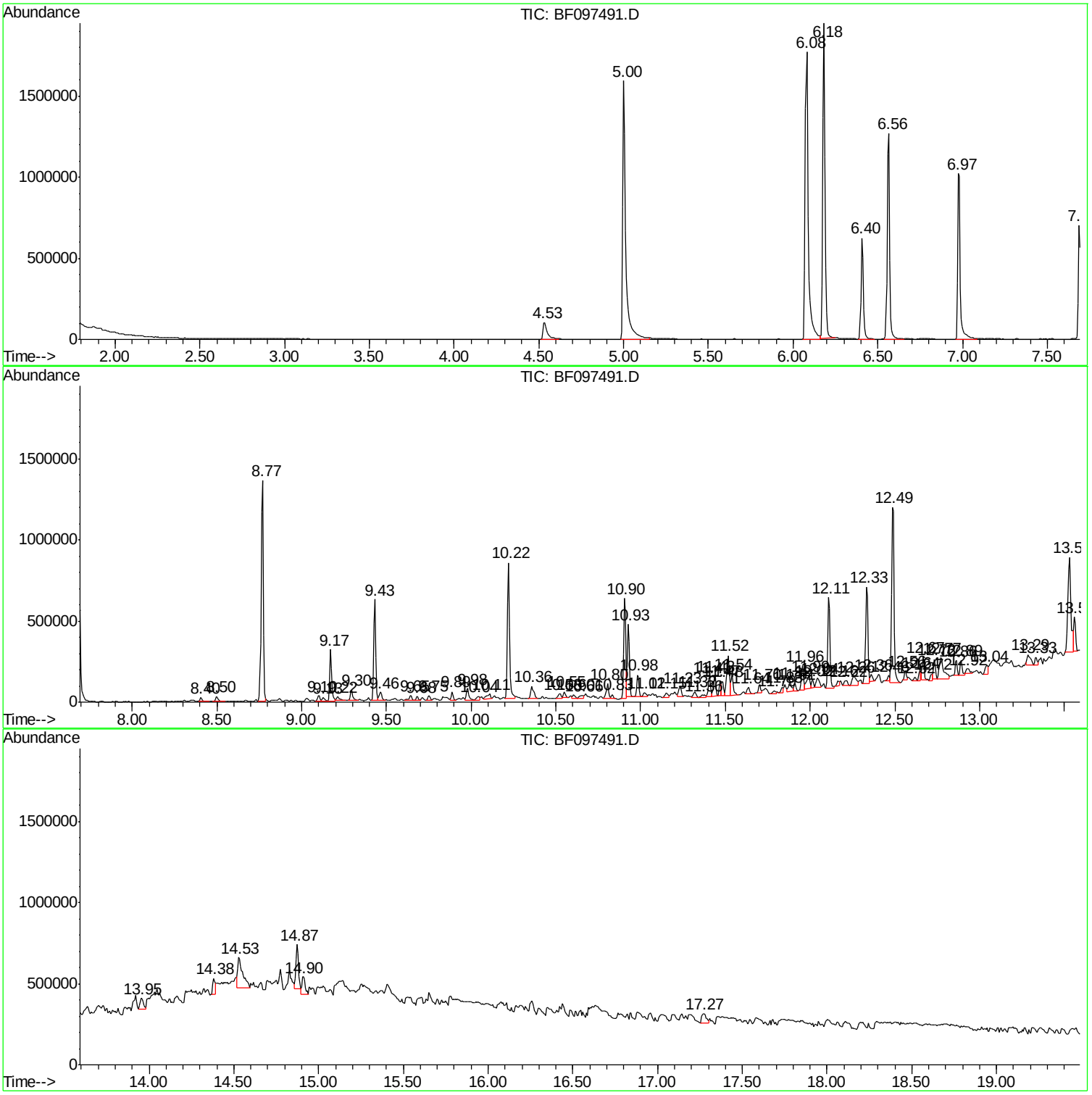
CL-01-080717-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Sample : I4657-13
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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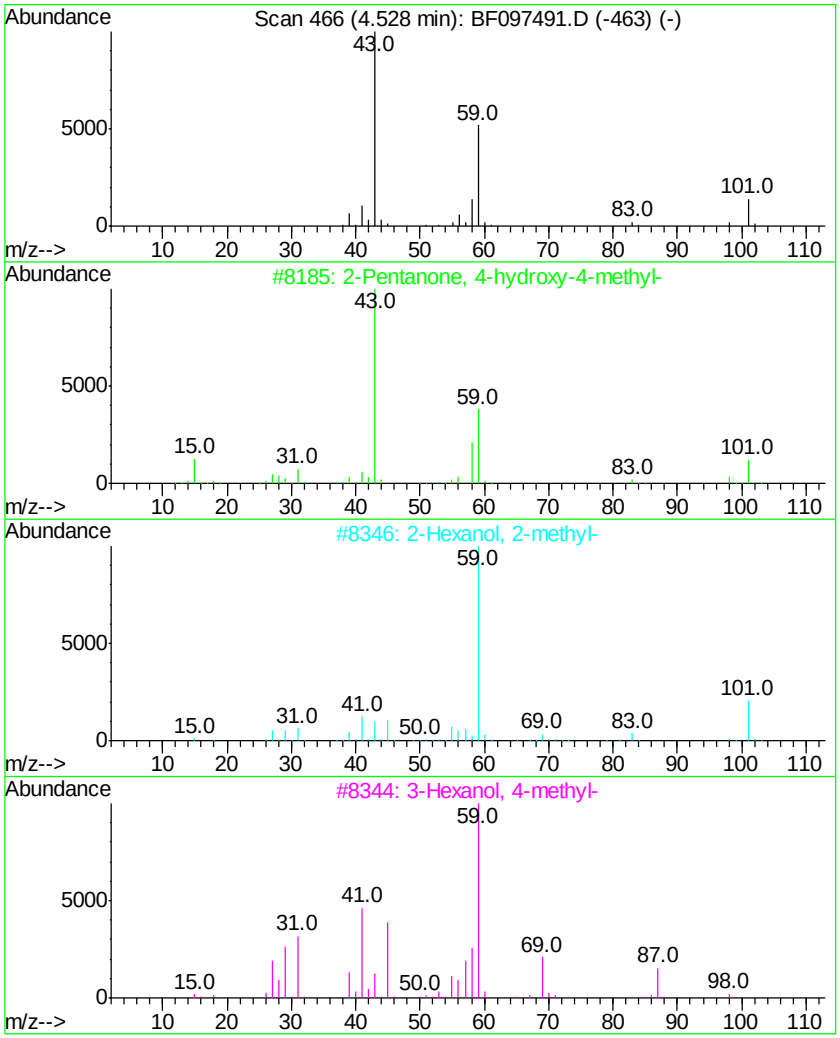
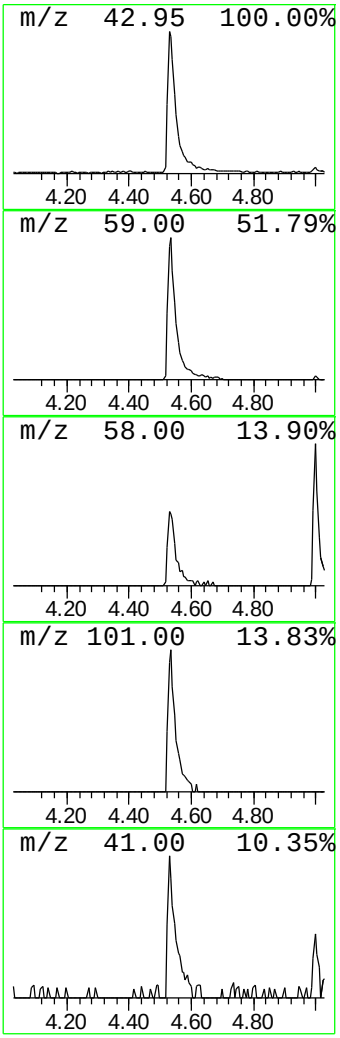
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	6.67 ng	197937	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

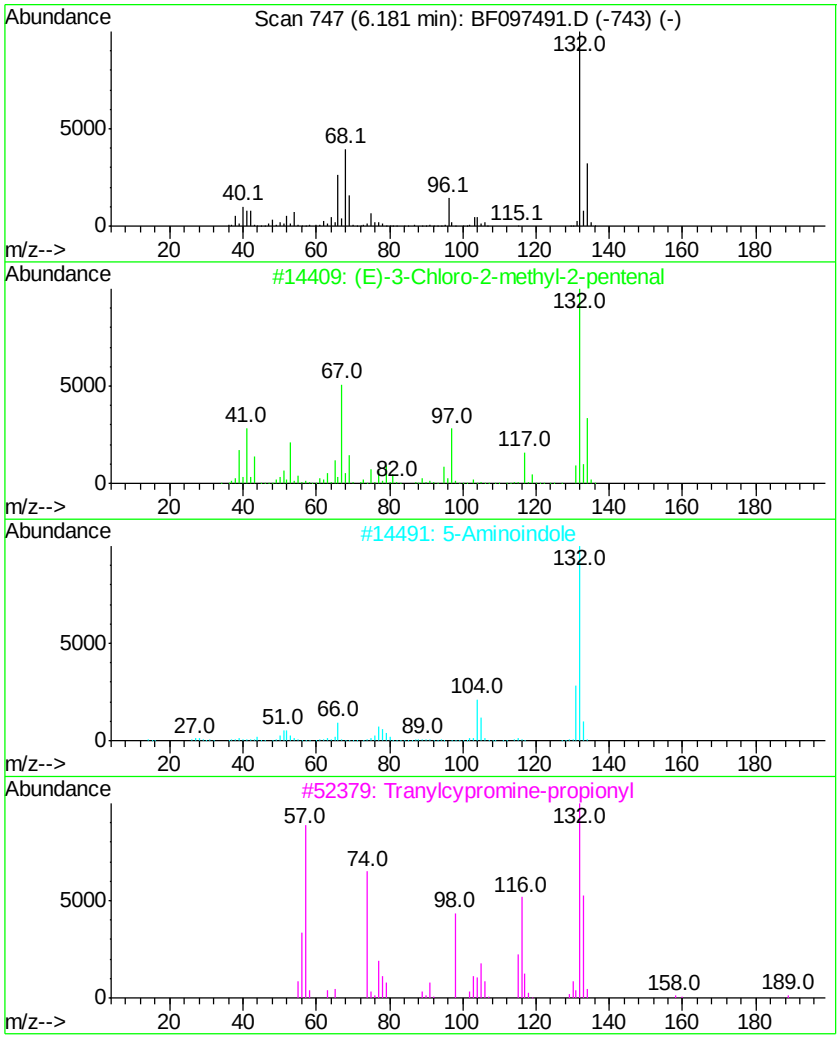
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

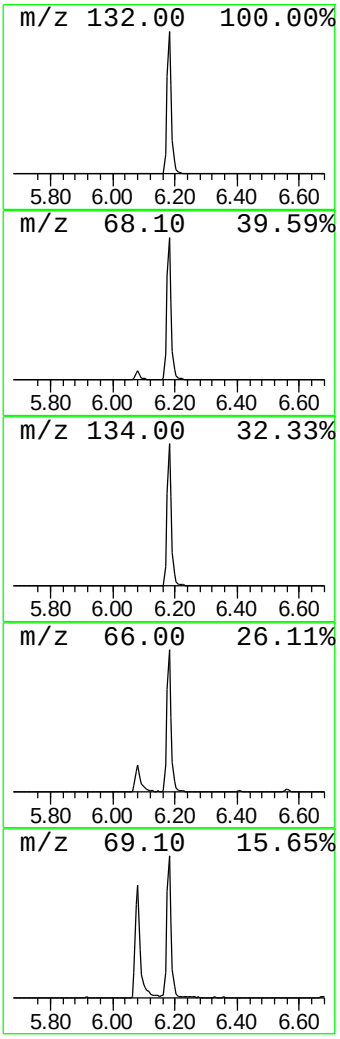
****

Peak Number 2 unknown6.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	64.90 ng	1927180	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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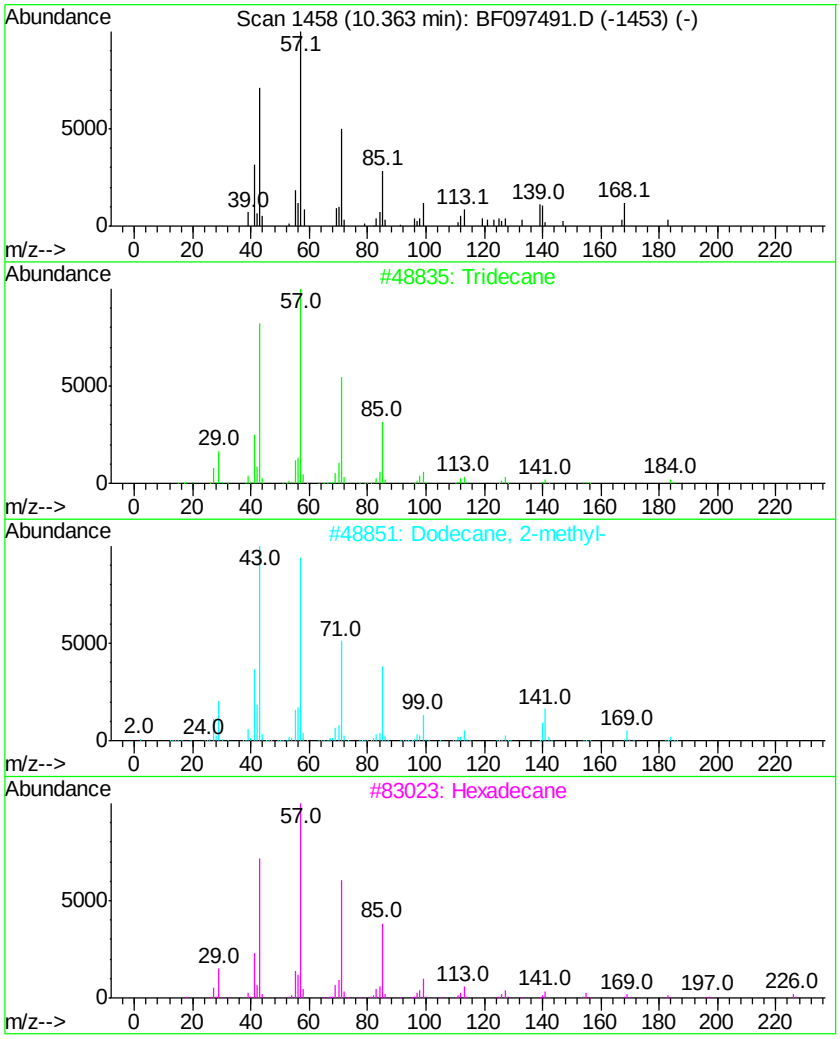
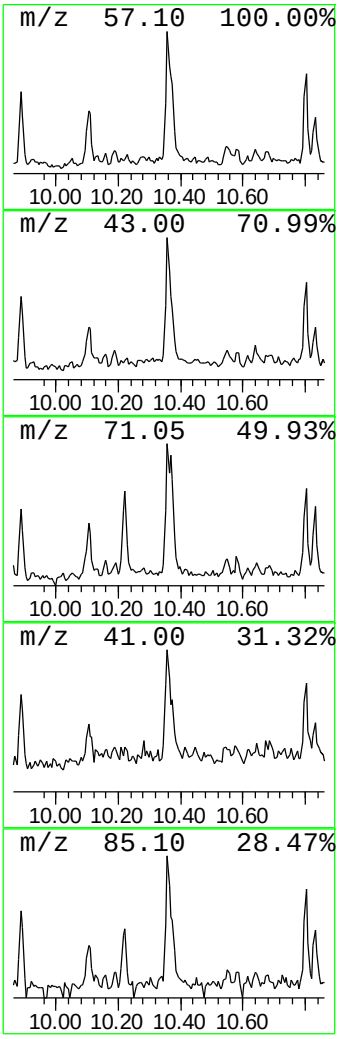
Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.60 ng	104225	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	62
3	Hexadecane	226	C16H34	000544-76-3	58
4	Octane, 2-methyl-	128	C9H20	003221-61-2	52
5	Eicosane	282	C20H42	000112-95-8	52





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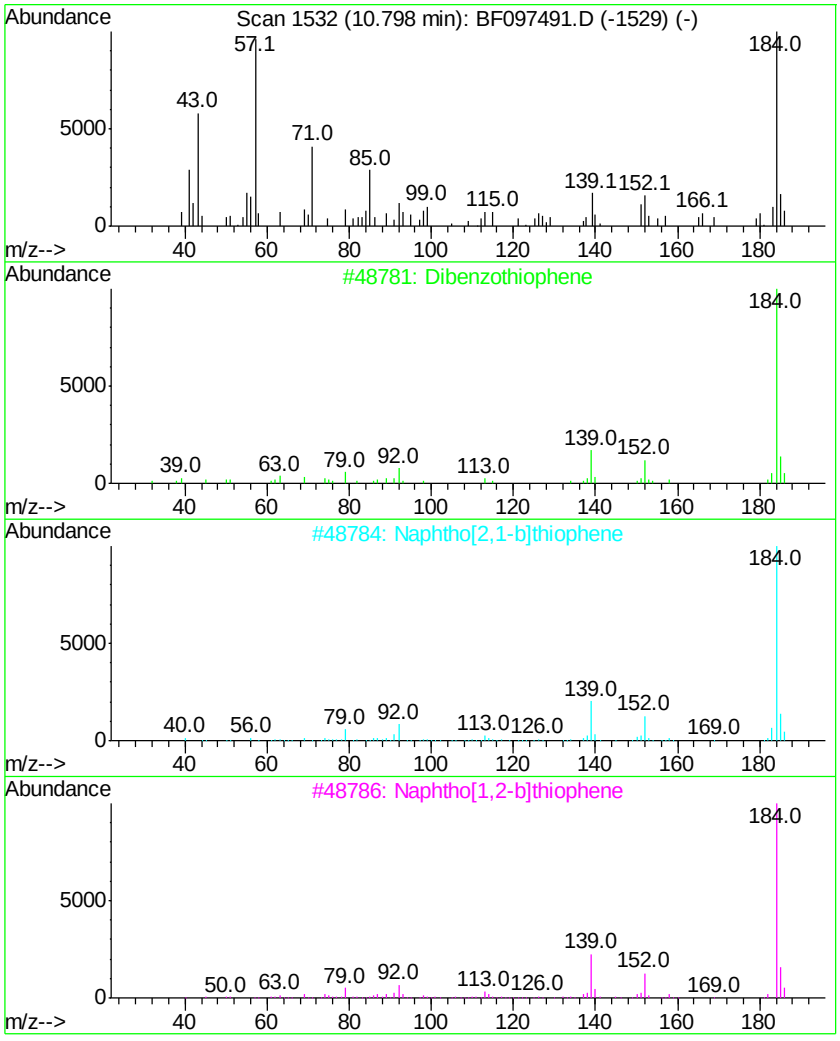
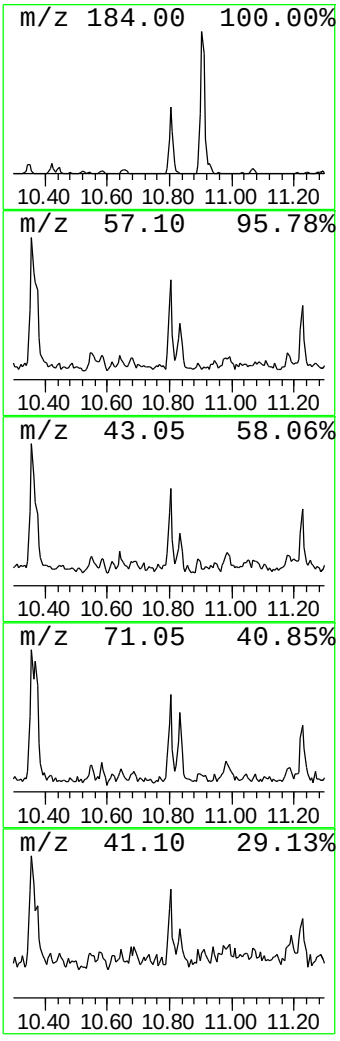
Peak Number 5 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.77 ng	80183	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	92
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	86
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

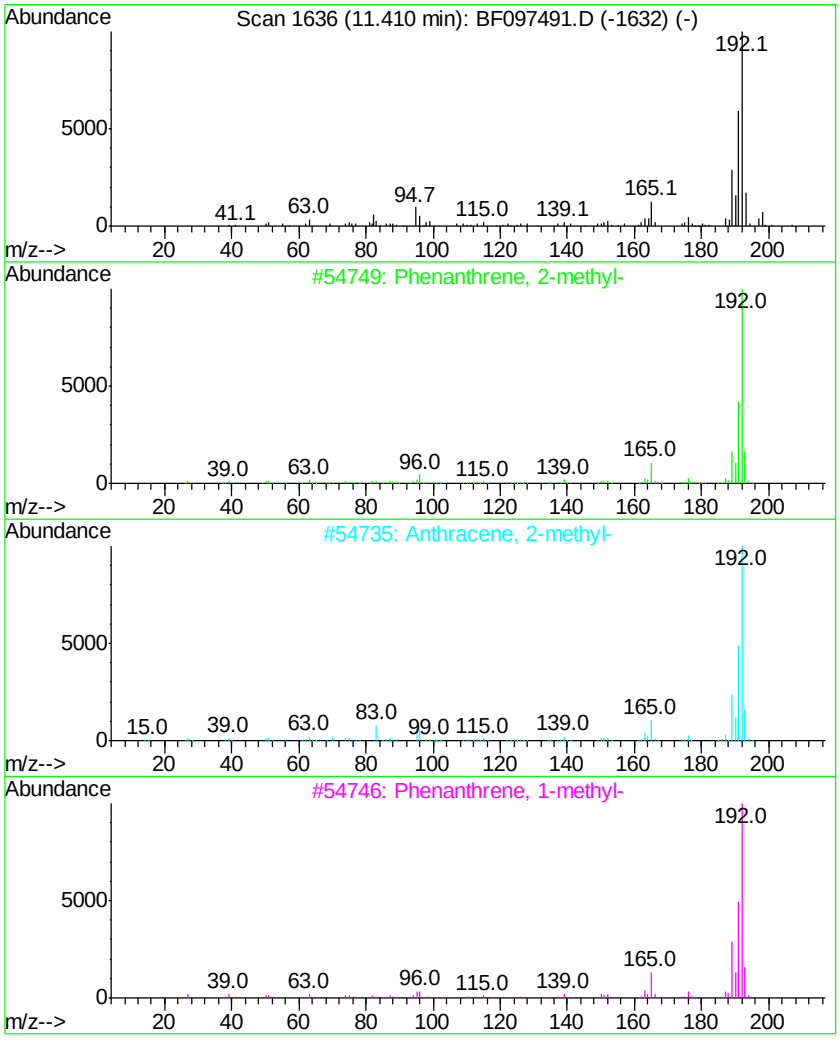
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

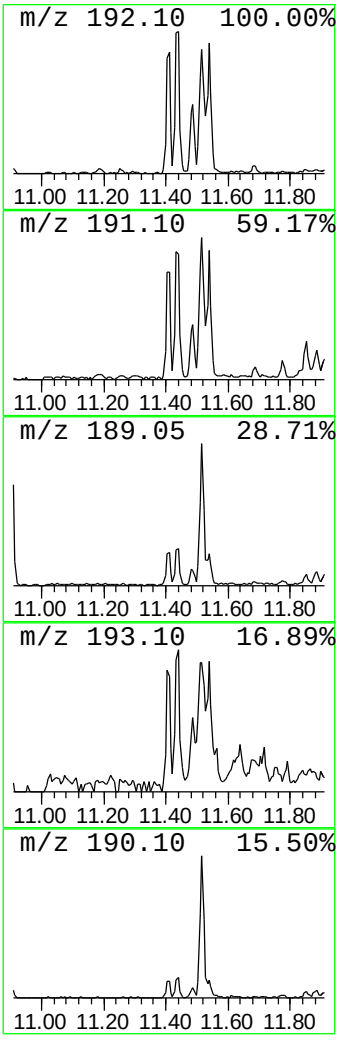
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	4.14 ng	119902	Phenanthrene-d10	10.90

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Instrument : BNA_F
ClientSampleId : CL-01-080717-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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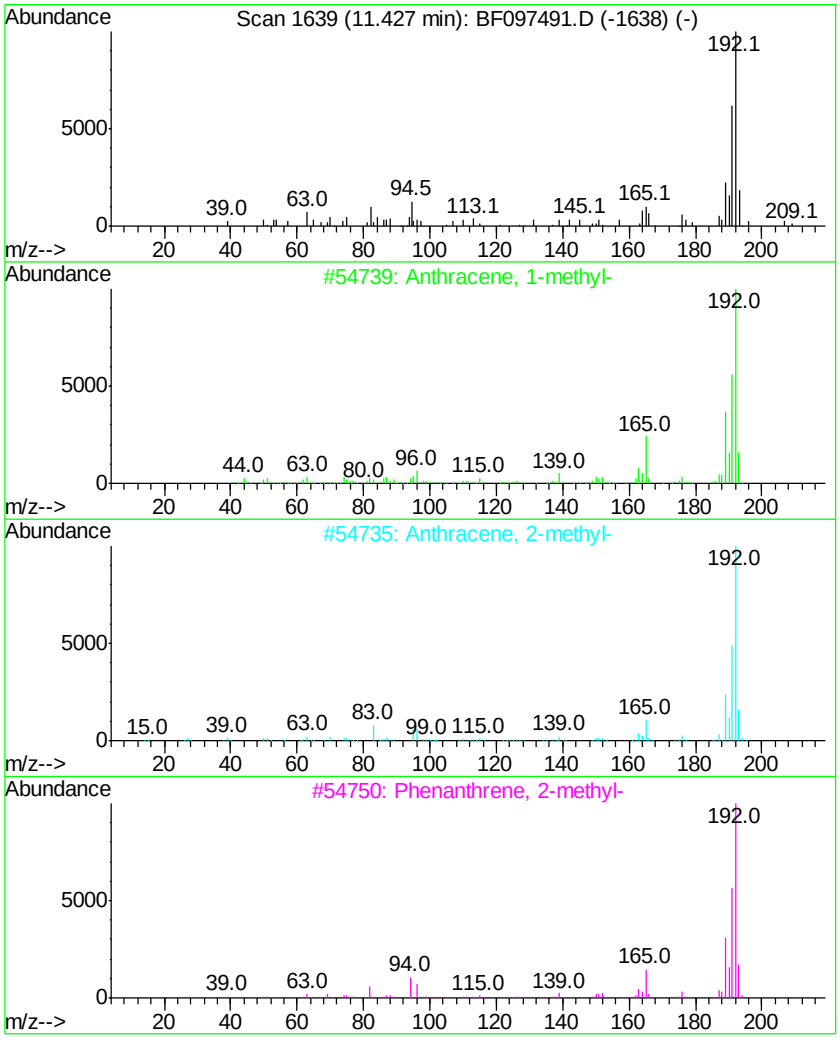
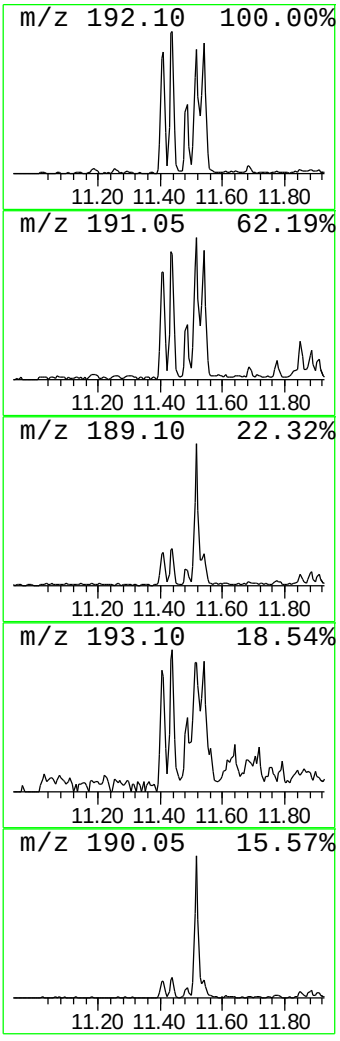
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	4.12 ng	119191	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : SJ/JU
Sample : I4657-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : CL-01-080717-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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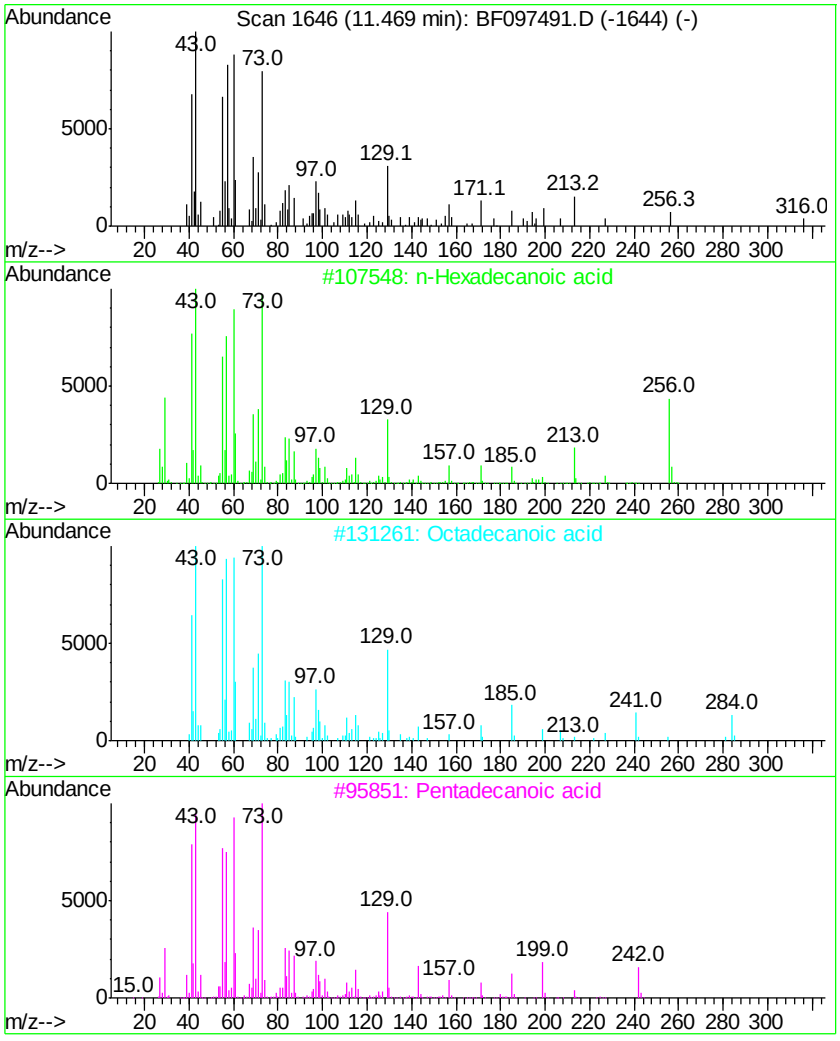
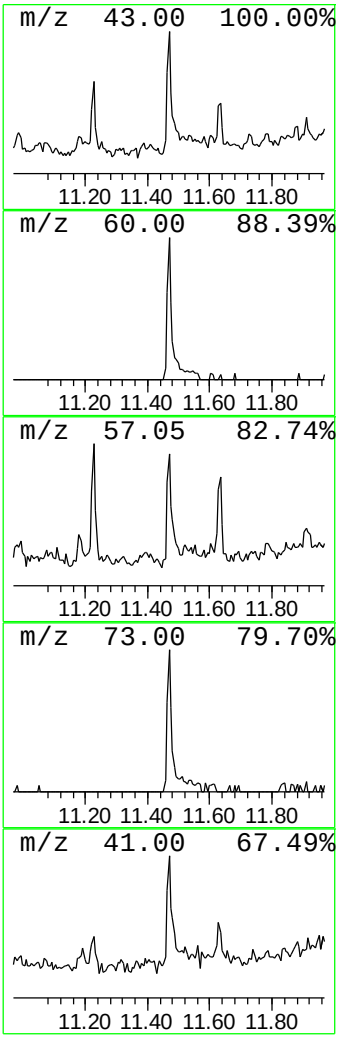
Peak Number 8 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.51 ng	72670	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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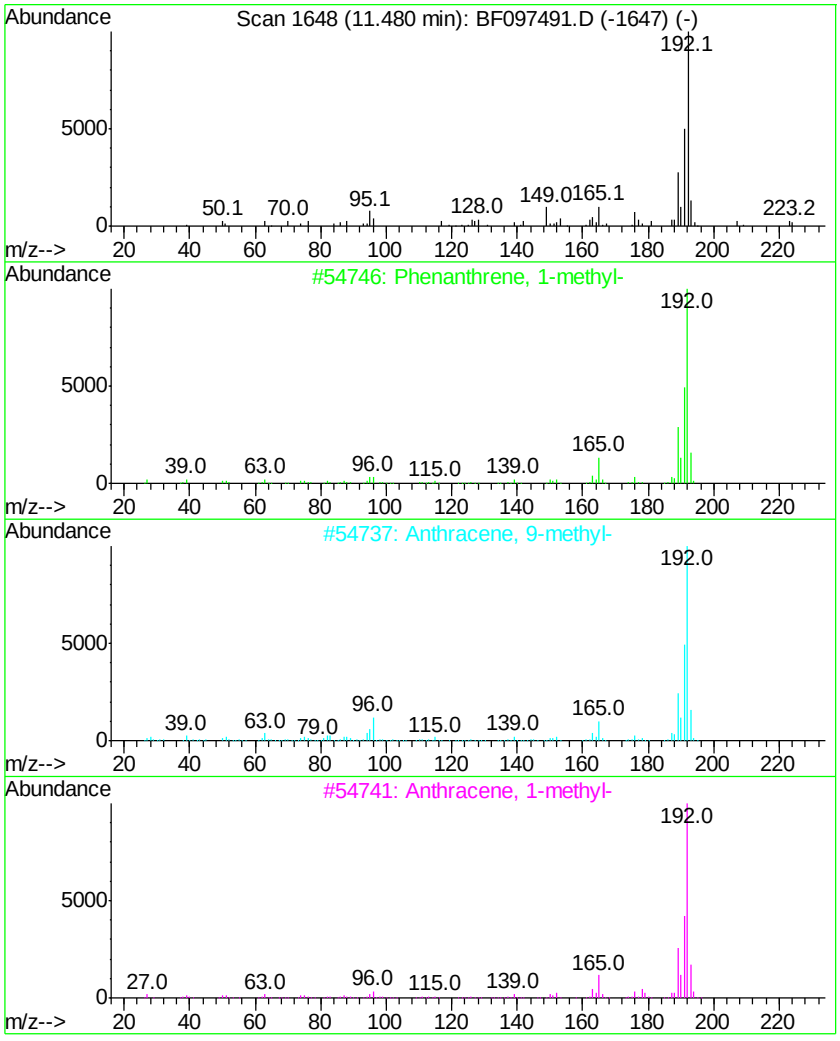
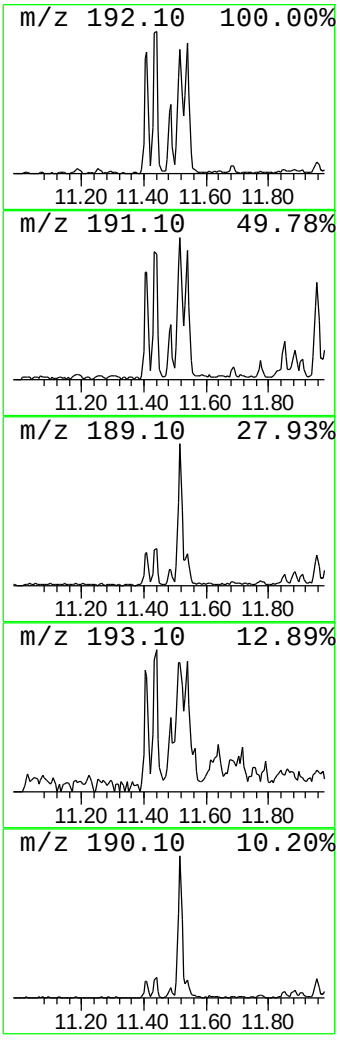
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.81 ng	81358	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	89





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

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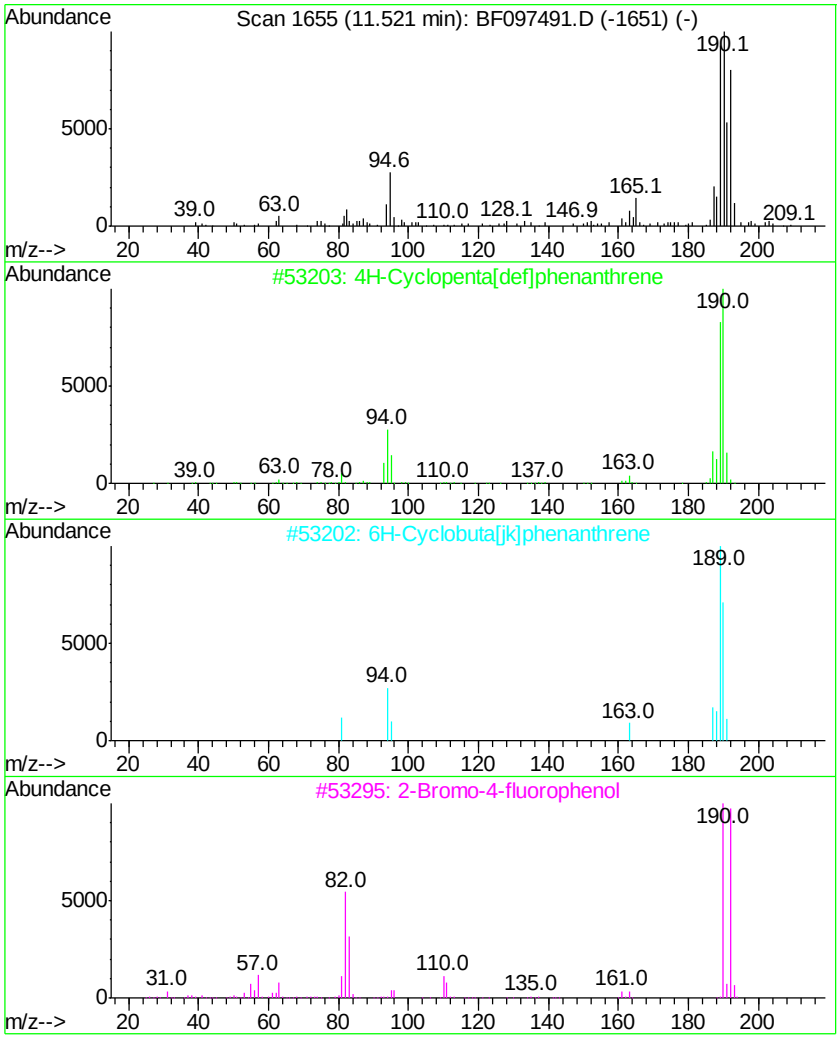
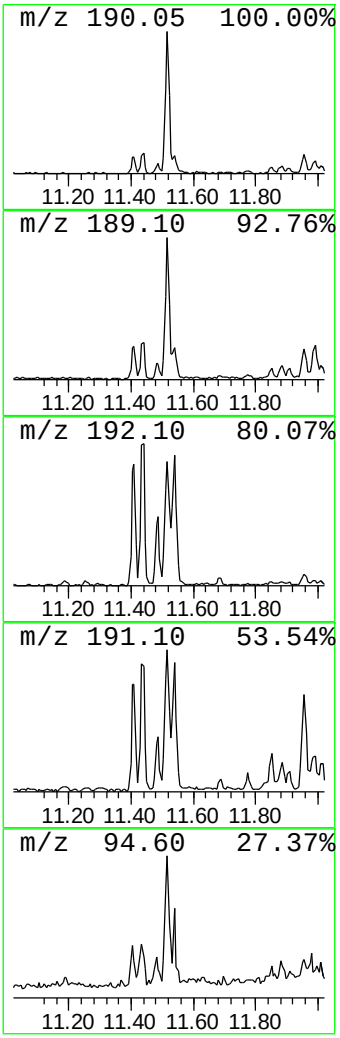
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	8.60 ng	249127	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	38
4	1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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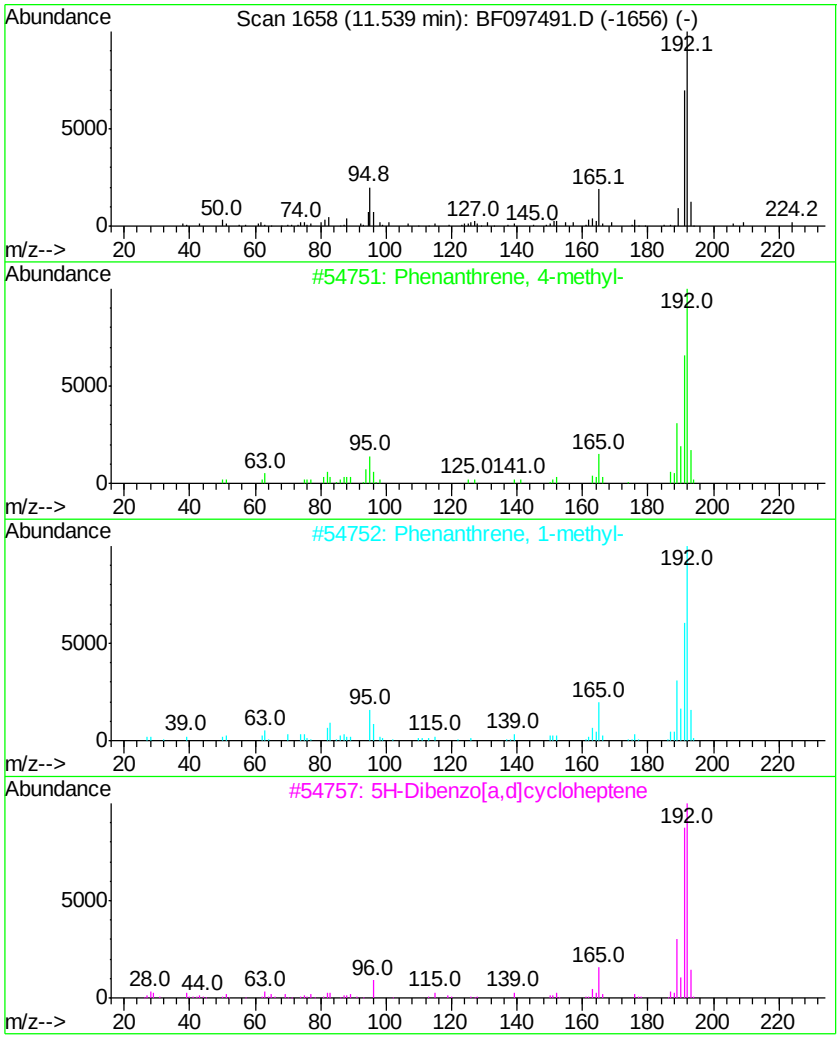
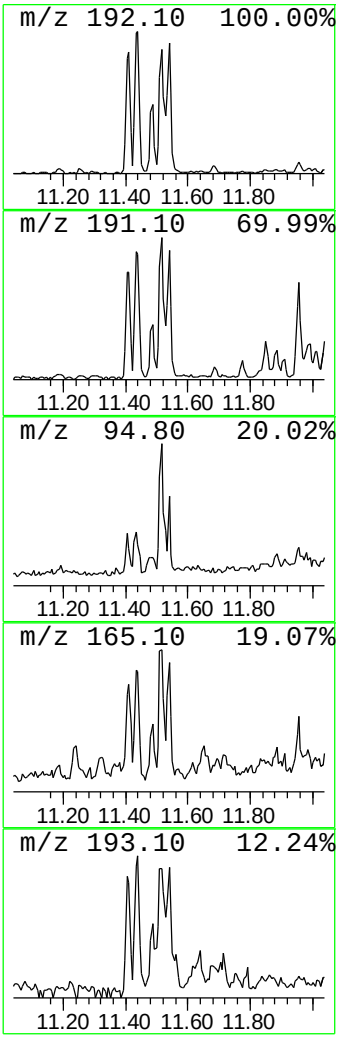
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.24 ng	122875	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	74
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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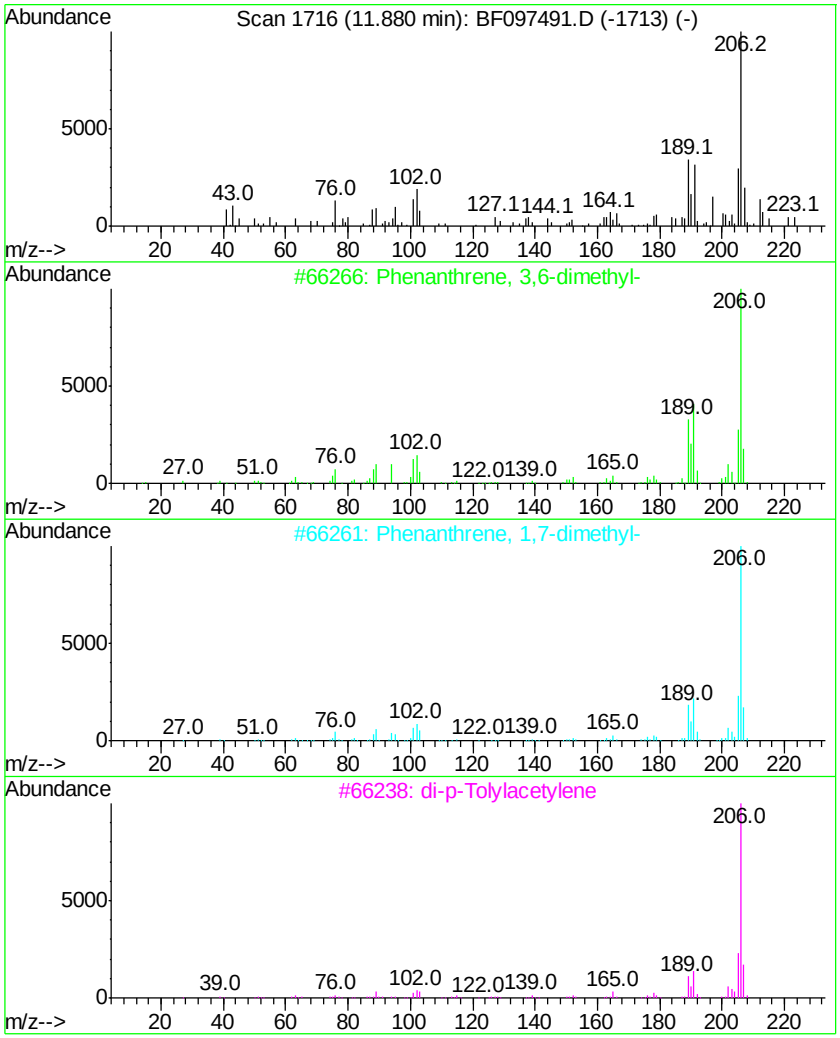
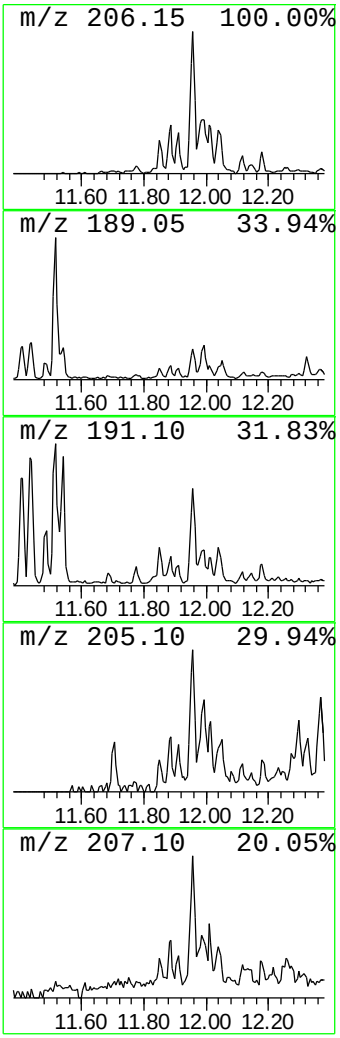
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.47 ng	71642	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64





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ALS Vial : 17 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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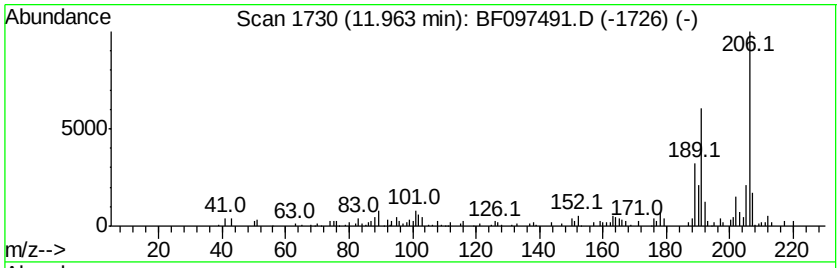
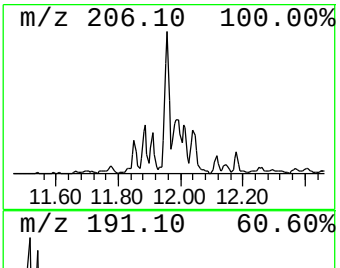
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.02 ng	145244	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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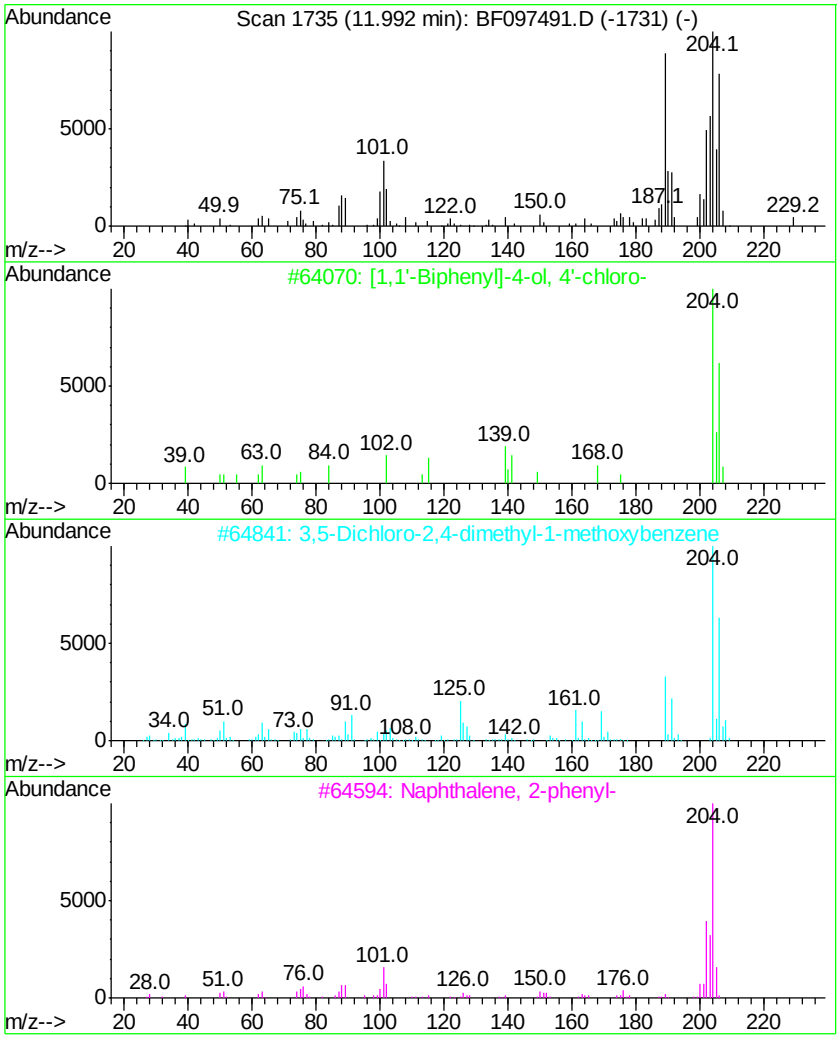
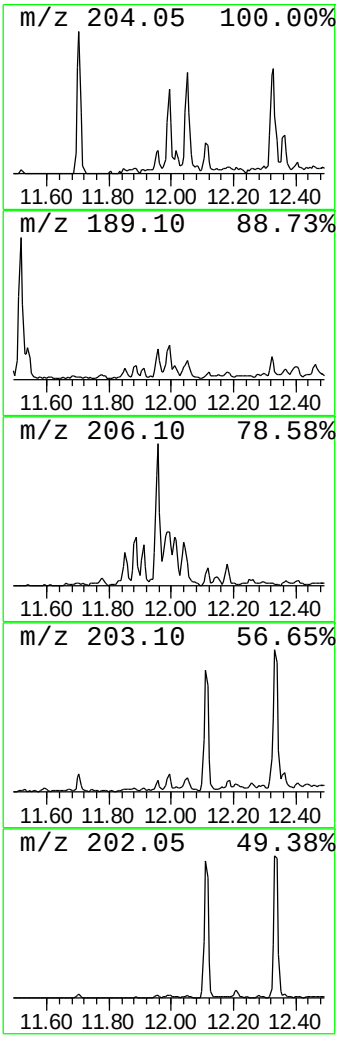
Peak Number 14 unknown11.99 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.56 ng	103098	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
2	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
4	(7-Isopropylidenebicyclo[2.2.1]h...	204	C13H16O2	1000211-02-2	27
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	22





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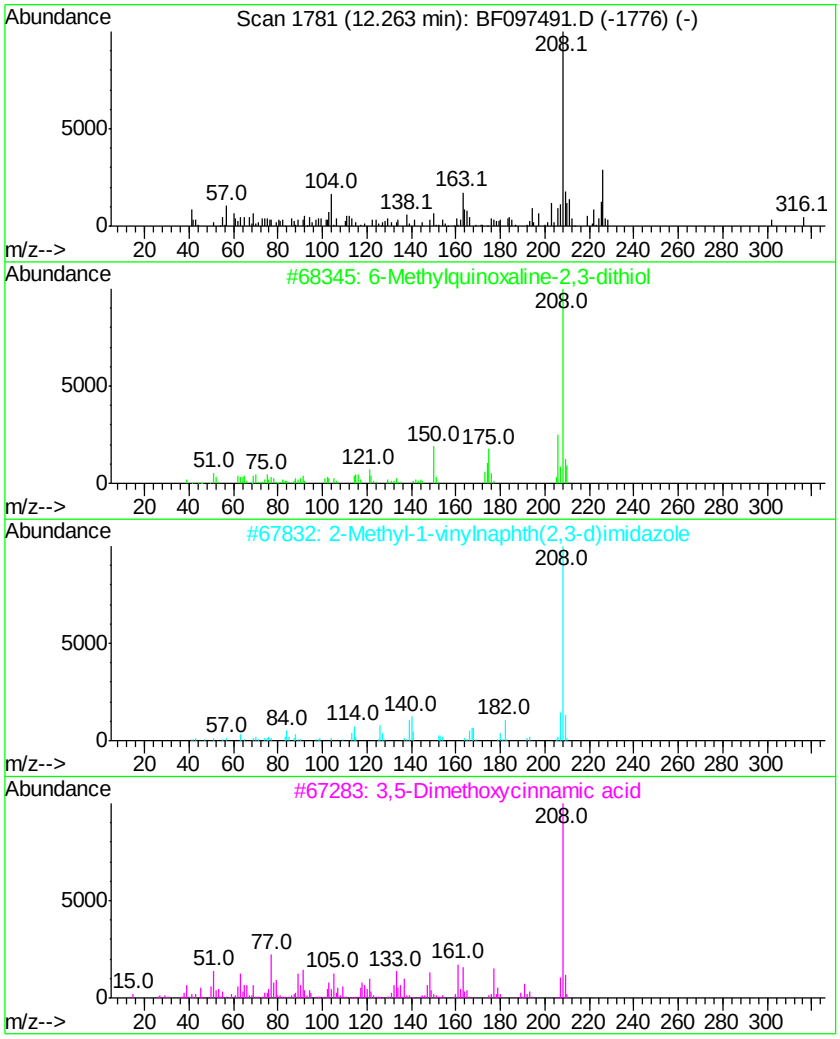
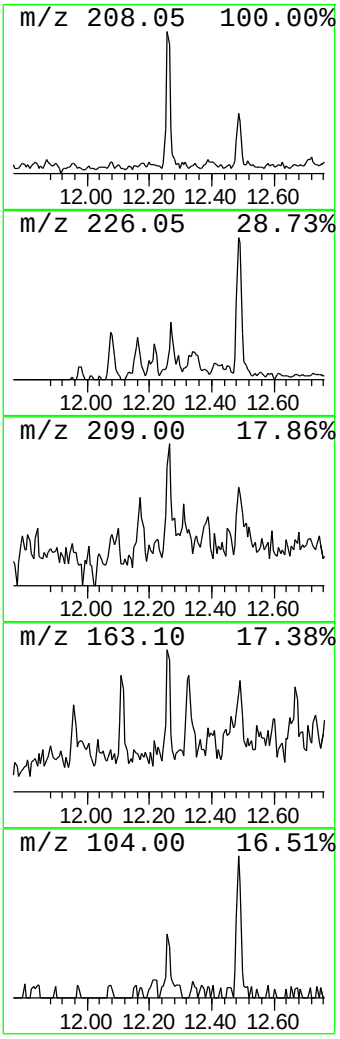
Peak Number 15 6-Methylquinoxaline-2,3-dit... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.14 ng	118498	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methylquinoxaline-2,3-dithiol	208	C9H8N2S2	1000311-61-9	53
2	2-Methyl-1-vinylnaphth(2,3-d)imi...	208	C14H12N2	135219-81-7	53
3	3,5-Dimethoxycinnamic acid	208	C11H12O4	016909-11-8	53
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	52
5	5-(4-Methoxy-phenyl)-[1,3,4]oxad...	208	C9H8N2O2S	023766-26-9	52





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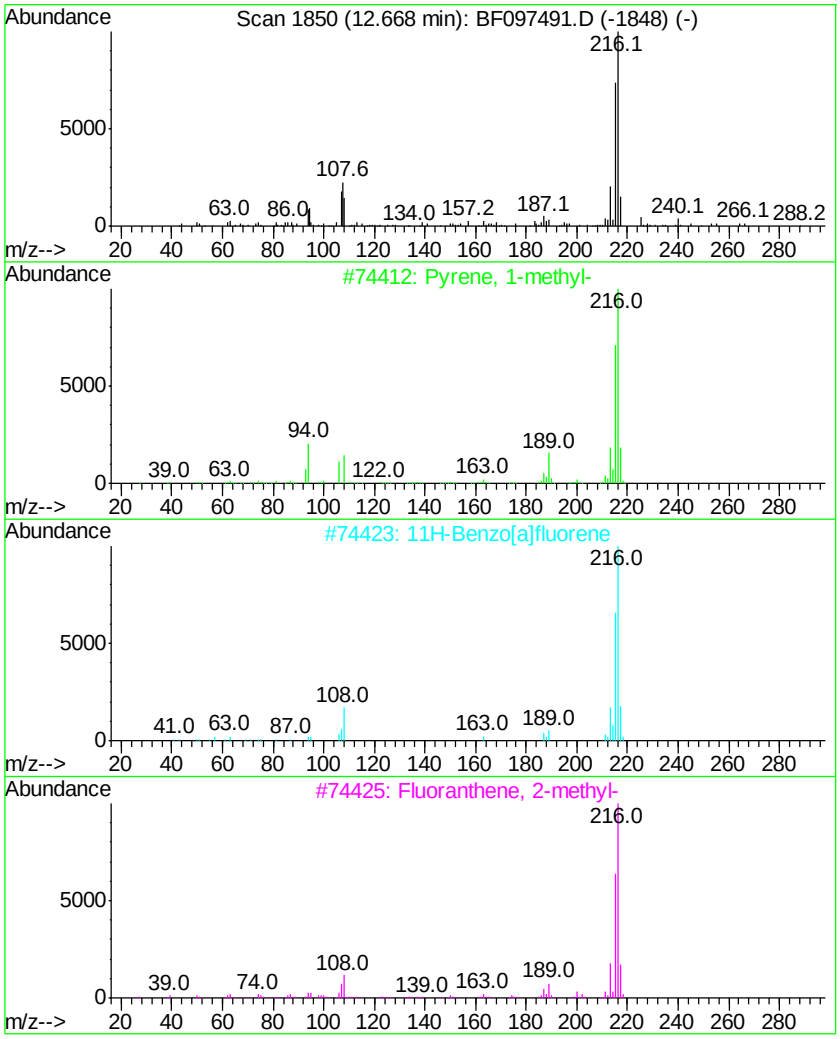
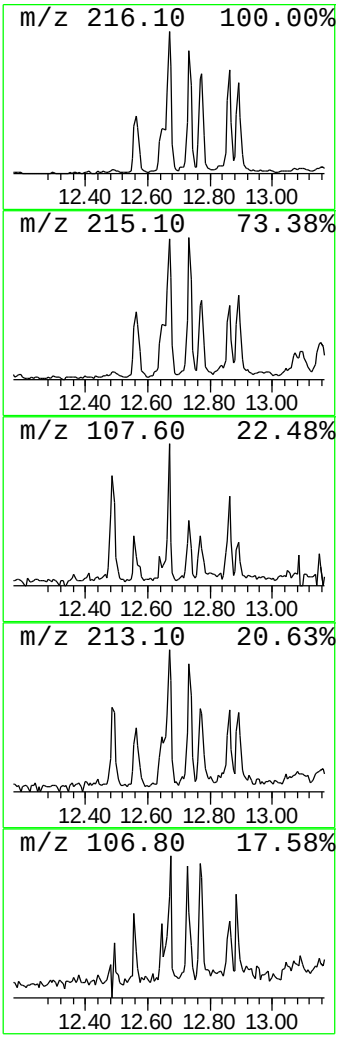
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.01 ng	113838	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59





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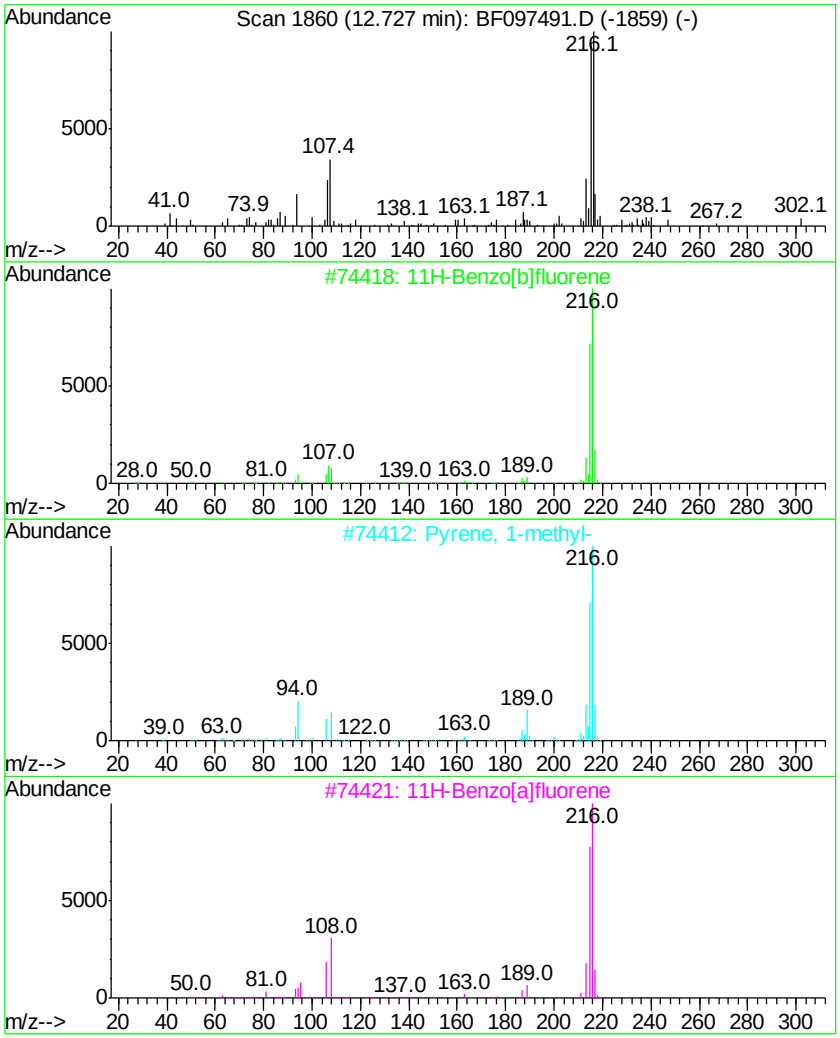
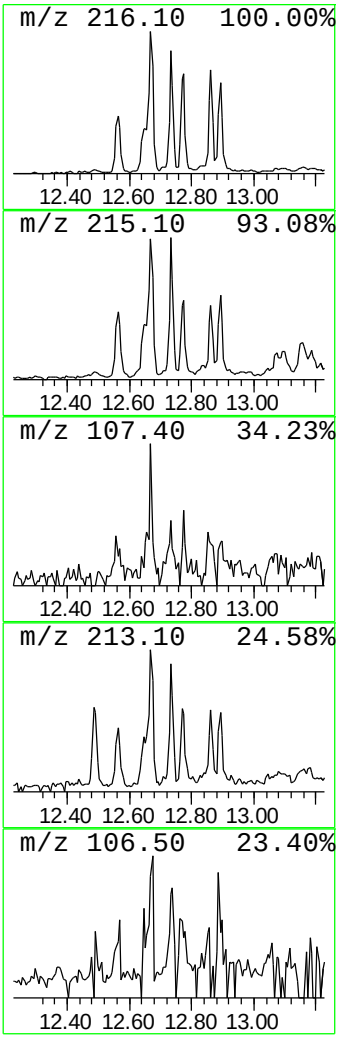
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.75 ng	103886	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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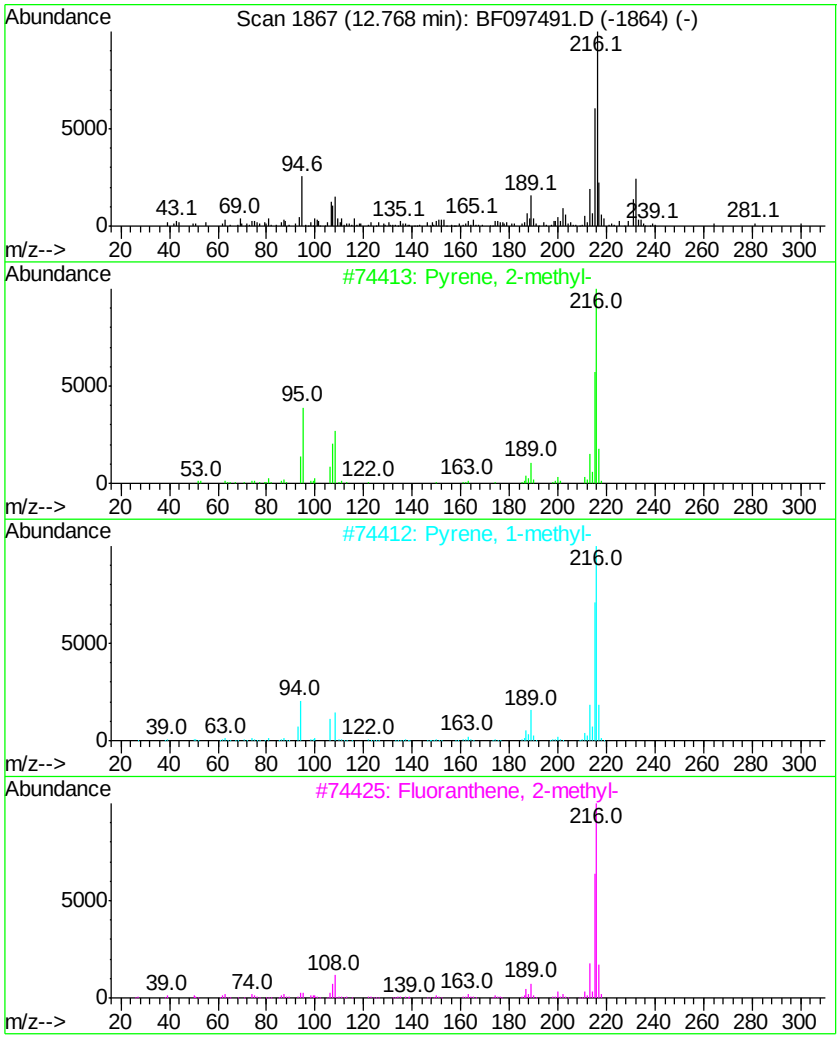
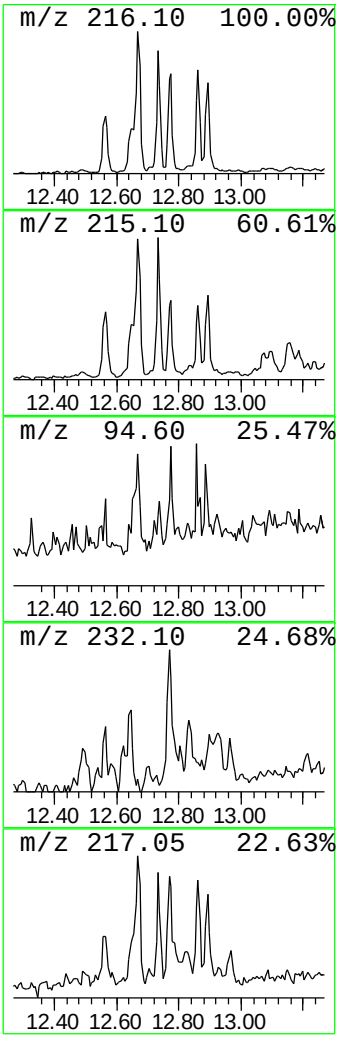
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.27 ng	236851	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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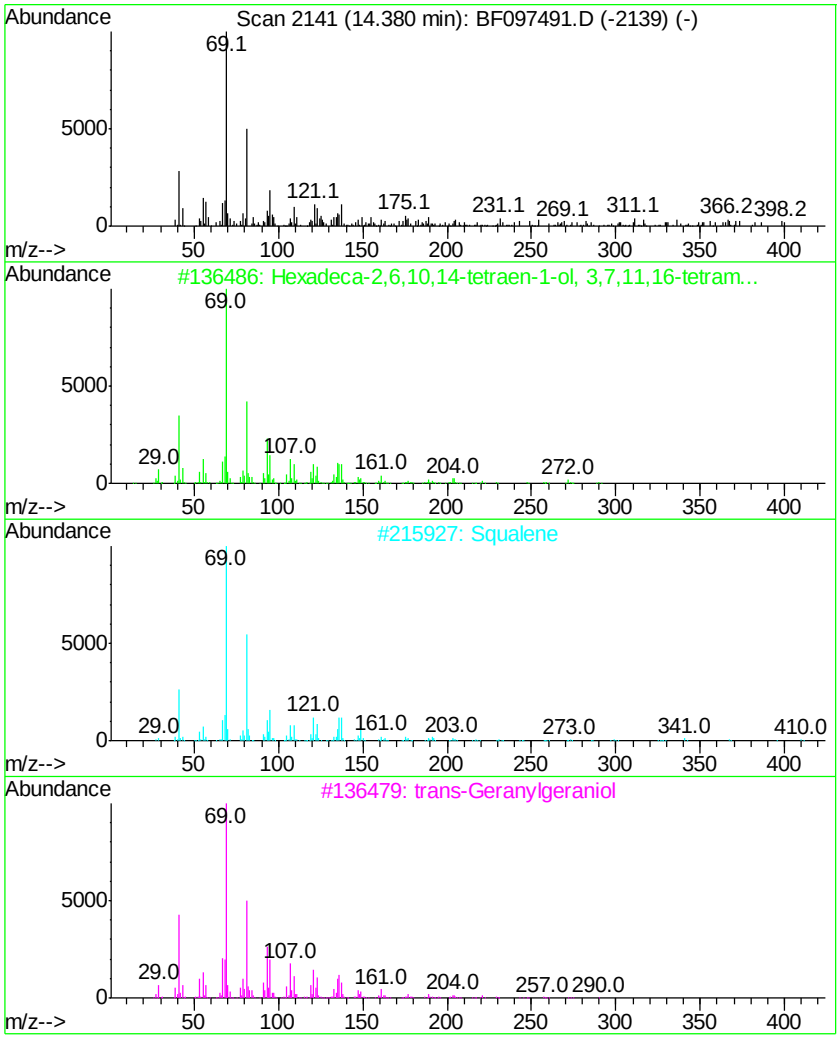
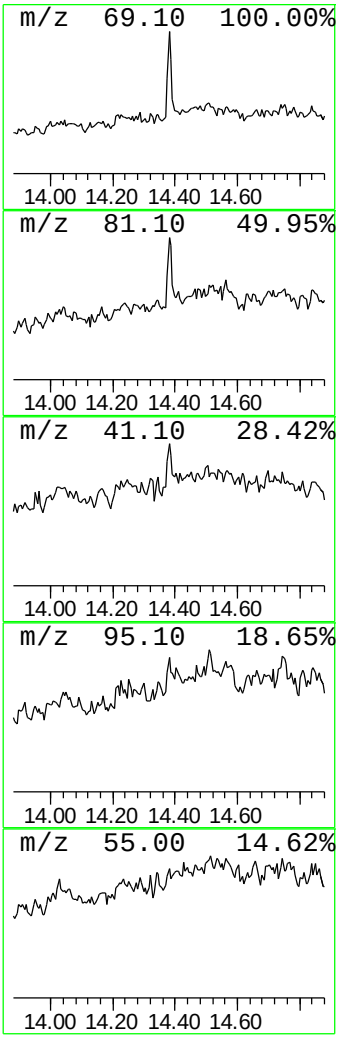
Peak Number 19 Hexadeca-2,6,10,14-tetraen-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.68 ng	108984	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	90
2	Squalene	410	C30H50	000111-02-4	86
3	trans-Geranylgeraniol	290	C20H34O	024034-73-9	78
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
5	Supraene	410	C30H50	007683-64-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097491.D
Acq On : 9 Aug 2017 1:51
Operator : SJ/JU
Sample : I4657-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-080717-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

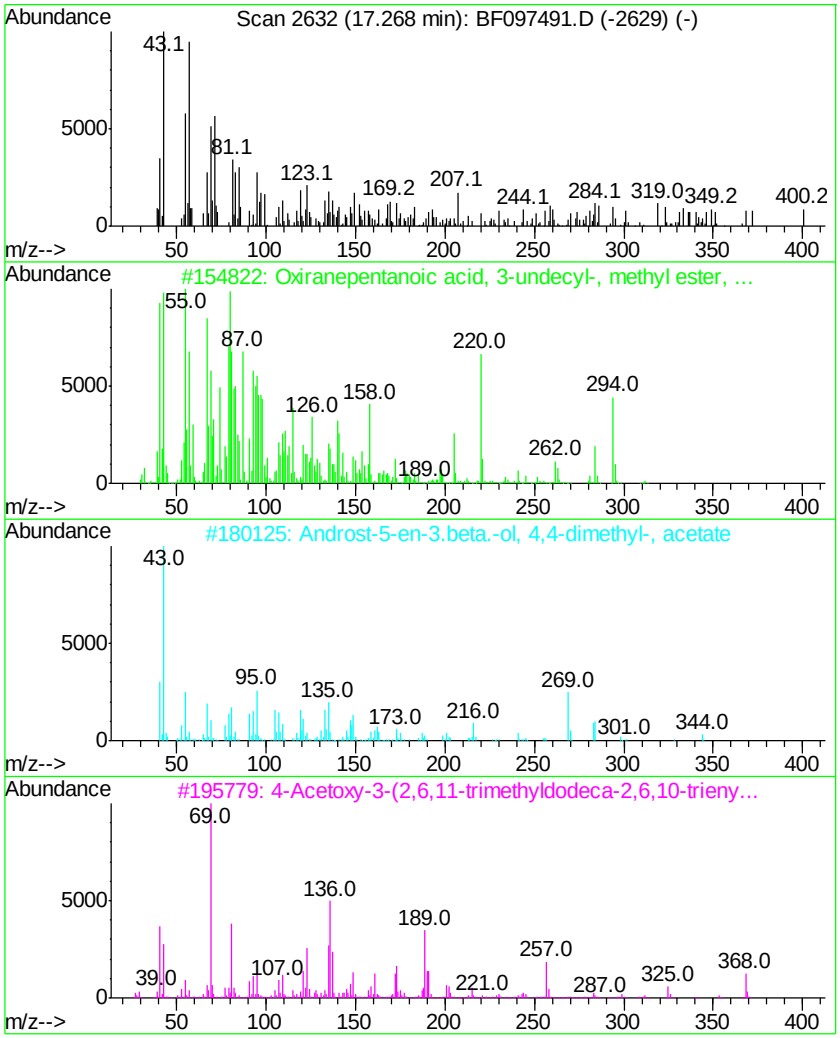
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

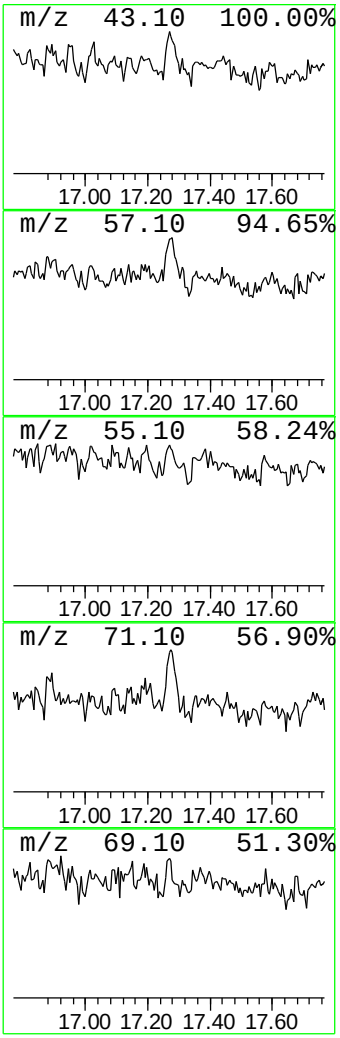
****

Peak Number 20 Oxiranepentanoic acid, 3-un... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	9.12 ng	129317	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiranepentanoic acid, 3-undecyl...	312	C19H36O3	006175-11-7	56
2	Androst-5-en-3.beta.-ol, 4,4-dim...	344	C23H36O2	007673-18-9	41
3	4-Acetoxy-3-(2,6,11-trimethyldod...	368	C24H32O3	1000195-61-7	15
4	3-n-Heptyl-7-methyl-9-(2,6,6-tri...	368	C26H40O	1000216-09-3	14
5	Androstan-17-ol, 2,3-epoxy-3-met...	346	C22H34O3	016321-36-1	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097491.D
Acq On : 9 Aug 2017 1:51
Operator : SJ/JU
Sample : I4657-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-080717-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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...	4.53	6.7	ng	197937	1	6.40	593874	20.0
unknown6.18	6.18	64.9	ng	1927180	1	6.40	593874	20.0
Tridecane	10.36	3.6	ng	104225	4	10.90	579142	20.0
Dibenzothiophene	10.80	2.8	ng	80183	4	10.90	579142	20.0
Phenanthrene, 2-m...	11.41	4.1	ng	119902	4	10.90	579142	20.0
Anthracene, 1-met...	11.43	4.1	ng	119191	4	10.90	579142	20.0
n-Hexadecanoic acid	11.47	2.5	ng	72670	4	10.90	579142	20.0
Phenanthrene, 1-m...	11.48	2.8	ng	81358	4	10.90	579142	20.0
4H-Cyclopenta[def...	11.52	8.6	ng	249127	4	10.90	579142	20.0
Phenanthrene, 4-m...	11.54	4.2	ng	122875	4	10.90	579142	20.0
Phenanthrene, 3,6...	11.88	2.5	ng	71642	4	10.90	579142	20.0
Phenanthrene, 2,5...	11.96	5.0	ng	145244	4	10.90	579142	20.0
unknown11.99	11.99	3.6	ng	103098	4	10.90	579142	20.0
6-Methylquinoxali...	12.26	3.1	ng	118498	5	13.53	755802	20.0
Pyrene, 1-methyl-	12.67	3.0	ng	113838	5	13.53	755802	20.0
11H-Benzo[b]fluorene	12.73	2.8	ng	103886	5	13.53	755802	20.0
Pyrene, 2-methyl-	12.77	6.3	ng	236851	5	13.53	755802	20.0
Hexadeca-2,6,10,1...	14.38	7.7	ng	108984	6	14.87	283670	20.0
Oxiranepentanoic ...	17.27	9.1	ng	129317	6	14.87	283670	20.0