LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096925.D
Acq On : 21 Jul 2017 00:21
Operator : SJ/JU
Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

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-BF071317.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	4.722	461	465	478	rVB	173111	247928	12.28%	0.832%
2	5.169	537	541	556	rBV	1941446	1959431	97.06%	6.573%
3	6.222	715	720	733	rBV	1963273	2006553	99.39%	6.731%
4	6.340	735	740	743	rBV	2176666	1931534	95.68%	6.479%
5	6.569	775	779	783	rBV	644000	568334	28.15%	1.906%
6	6.722	801	805	809	rBV	1618784	1468372	72.73%	4.926%
7	7.134	870	875	878	rBV	1309333	1208917	59.88%	4.055%
8	7.851	993	997	1000	rBV	860404	768458	38.06%	2.578%
9	8.563	1113	1118	1125	rBV	28285	25380	1.26%	0.085%
10	8.657	1131	1134	1138	rVB	41227	34958	1.73%	0.117%
11	8.928	1175	1180	1183	rBV	2191132	2018814	100.00%	6.772%
12	9.192	1220	1225	1228	rBV2	19894	25890	1.28%	0.087%
13	9.263	1233	1237	1239	rBV	40143	41019	2.03%	0.138%
14	9.322	1244	1247	1253	rVV	181144	147847	7.32%	0.496%
15	9.375	1253	1256	1262	rVV	24331	27353	1.35%	0.092%
16	9.457	1267	1270	1276	rVB	78198	64201	3.18%	0.215%
17	9.598	1289	1294	1297	rBV	878113	773754	38.33%	2.596%
18	9.628	1297	1299	1304	rVB	136646	108016	5.35%	0.362%
19	9.798	1323	1328	1333	rBV	71599	78578	3.89%	0.264%
20	9.910	1344	1347	1351	rBV2	25663	32105	1.59%	0.108%
21	10.004	1358	1363	1365	rBV4	17040	23531	1.17%	0.079%
22	10.051	1368	1371	1374	rVB	57478	50977	2.53%	0.171%
23	10.139	1383	1386	1393	rVB	151971	140557	6.96%	0.471%
24	10.257	1403	1406	1407	rBV2	22544	23779	1.18%	0.080%
25	10.298	1411	1413	1416	rBV	34891	29975	1.48%	0.101%
26	10.380	1423	1427	1432	rBV	1123830	1095931	54.29%	3.676%
27	10.516	1446	1450	1457	rBV2	67669	95019	4.71%	0.319%
28	10.686	1474	1479	1482	rBV3	36665	52976	2.62%	0.178%
29	10.716	1482	1484	1488	rVB	35066	30638	1.52%	0.103%
30	10.769	1491	1493	1496	rVB2	26222	23684	1.17%	0.079%
31	10.822	1496	1502	1503	rBV4	25625	34222	1.70%	0.115%
32	10.880	1510	1512	1517	rVB	52727	50686	2.51%	0.170%
33	10.928	1517	1520	1523	rBV2	24600	27875	1.38%	0.094%
34	10.969	1523	1527	1530	rBV	97297	85261	4.22%	0.286%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.075	1538	1545	1547	rBV	768930	758951	37.59%	2.546%
36	11.098	1547	1549	1552	rVV	1202089	901517	44.66%	3.024%
37	11.145	1552	1557	1561	rVV	325496	303731	15.05%	1.019%
38	11.186	1561	1564	1567	rVB2	22410	23802	1.18%	0.080%
39	11.304	1582	1584	1587	rVB	84946	66694	3.30%	0.224%
40	11.404	1597	1601	1605	rVB4	51859	59937	2.97%	0.201%
41	11.486	1610	1615	1618	rVB3	28126	36986	1.83%	0.124%
42	11.575	1625	1630	1632	rBV	152635	136649	6.77%	0.458%
43	11.604	1632	1635	1637	rVV	182494	164356	8.14%	0.551%
44	11.651	1640	1643	1645	rVV2	78600	75333	3.73%	0.253%
45	11.680	1645	1648	1651	rVV	257794	275559	13.65%	0.924%
46	11.704	1651	1652	1657	rVB	105124	79290	3.93%	0.266%
47	11.810	1667	1670	1672	rVB2	24412	25218	1.25%	0.085%
48	11.869	1677	1680	1682	rVV	108591	97887	4.85%	0.328%
49	11.892	1682	1684	1691	rVB2	86308	85572	4.24%	0.287%
50	12.051	1708	1711	1713	rBV	34488	28959	1.43%	0.097%
51	12.074	1713	1715	1717	rVB2	33181	24514	1.21%	0.082%
52	12.122	1717	1723	1726	rBV	105003	123728	6.13%	0.415%
53	12.157	1726	1729	1731	rVV3	47552	51744	2.56%	0.174%
54	12.180	1731	1733	1735	rVB2	34874	26104	1.29%	0.088%
55	12.204	1735	1737	1742	rVB3	60961	77411	3.83%	0.260%
56	12.280	1746	1750	1754	rBV	1409020	1289246	63.86%	4.325%
57	12.345	1756	1761	1764	rBV3	34958	64730	3.21%	0.217%
58	12.374	1764	1766	1769	rVB	40112	30368	1.50%	0.102%
59	12.427	1769	1775	1780	rBV3	75010	134238	6.65%	0.450%
60	12.510	1783	1789	1791	rBV	1101711	1274469	63.13%	4.275%
61	12.527	1791	1792	1795	rVB2	33903	24910	1.23%	0.084%
62	12.557	1795	1797	1802	rVB2	58399	72365	3.58%	0.243%
63	12.627	1806	1809	1811	rBV	75974	77191	3.82%	0.259%
64	12.657	1811	1814	1818	rVB	1525766	1492964	73.95%	5.008%
65	12.727	1821	1826	1829	rBV3	86739	127783	6.33%	0.429%
66	12.757	1829	1831	1833	rVB2	31932	24560	1.22%	0.082%
67	12.792	1833	1837	1838	rBV3	18412	24983	1.24%	0.084%
68	12.816	1838	1841	1842	rBV2	74977	84054	4.16%	0.282%
69	12.833	1842	1844	1848	rVB	211797	186071	9.22%	0.624%
70	12.874	1849	1851	1853	rBV2	27024	33327	1.65%	0.112%
71	12.904	1853	1856	1858	rVB	132725	115264	5.71%	0.387%

LSC Area Percent Report

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Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.939	1858	1862	1864	rBV	135824	130945	6.49%	0.439%
73	13.027	1874	1877	1880	rVB	85035	79552	3.94%	0.267%
74	13.063	1880	1883	1886	rBV2	77611	81491	4.04%	0.273%
75	13.257	1909	1916	1918	rBV6	42257	75063	3.72%	0.252%
76	13.316	1924	1926	1928	rBV3	25489	29549	1.46%	0.099%
77	13.339	1928	1930	1938	rVB	89866	138768	6.87%	0.465%
78	13.451	1945	1949	1951	rBV2	110931	114721	5.68%	0.385%
79	13.474	1951	1953	1955	rVV	57833	47724	2.36%	0.160%
80	13.498	1955	1957	1959	rVV	45816	39340	1.95%	0.132%
81	13.551	1964	1966	1967	rVV	78452	68271	3.38%	0.229%
82	13.569	1967	1969	1975	rVV2	192678	211459	10.47%	0.709%
83	13.698	1986	1991	1994	rBV2	783461	1163250	57.62%	3.902%
84	13.727	1994	1996	1999	rVB	479763	371464	18.40%	1.246%
85	13.804	2006	2009	2012	rVB	101328	87568	4.34%	0.294%
86	13.892	2022	2024	2026	rVB	51423	38808	1.92%	0.130%
87	14.086	2055	2057	2060	rVB	94331	84795	4.20%	0.284%
88	14.121	2060	2063	2067	rBV	52856	59253	2.94%	0.199%
89	14.180	2071	2073	2074	rBV2	40334	32383	1.60%	0.109%
90	14.204	2074	2077	2080	rVV3	168687	178177	8.83%	0.598%
91	14.392	2107	2109	2111	rBV3	37998	31348	1.55%	0.105%
92	14.615	2144	2147	2151	rBV3	146579	147311	7.30%	0.494%
93	14.698	2157	2161	2169	rBV	463649	807788	40.01%	2.710%
94	14.792	2174	2177	2178	rBV	193819	174544	8.65%	0.586%
95	14.963	2202	2206	2211	rVB	274985	309014	15.31%	1.037%
96	15.015	2211	2215	2220	rBV	365986	430628	21.33%	1.445%
97	15.074	2221	2225	2228	rBV	406744	502542	24.89%	1.686%
98	15.498	2294	2297	2301	rBV	100801	143167	7.09%	0.480%
99	16.345	2437	2441	2448	rVB2	139245	260727	12.91%	0.875%
100	16.727	2501	2506	2512	rBV	99247	188032	9.31%	0.631%

Sum of corrected areas: 29810700

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Misc :
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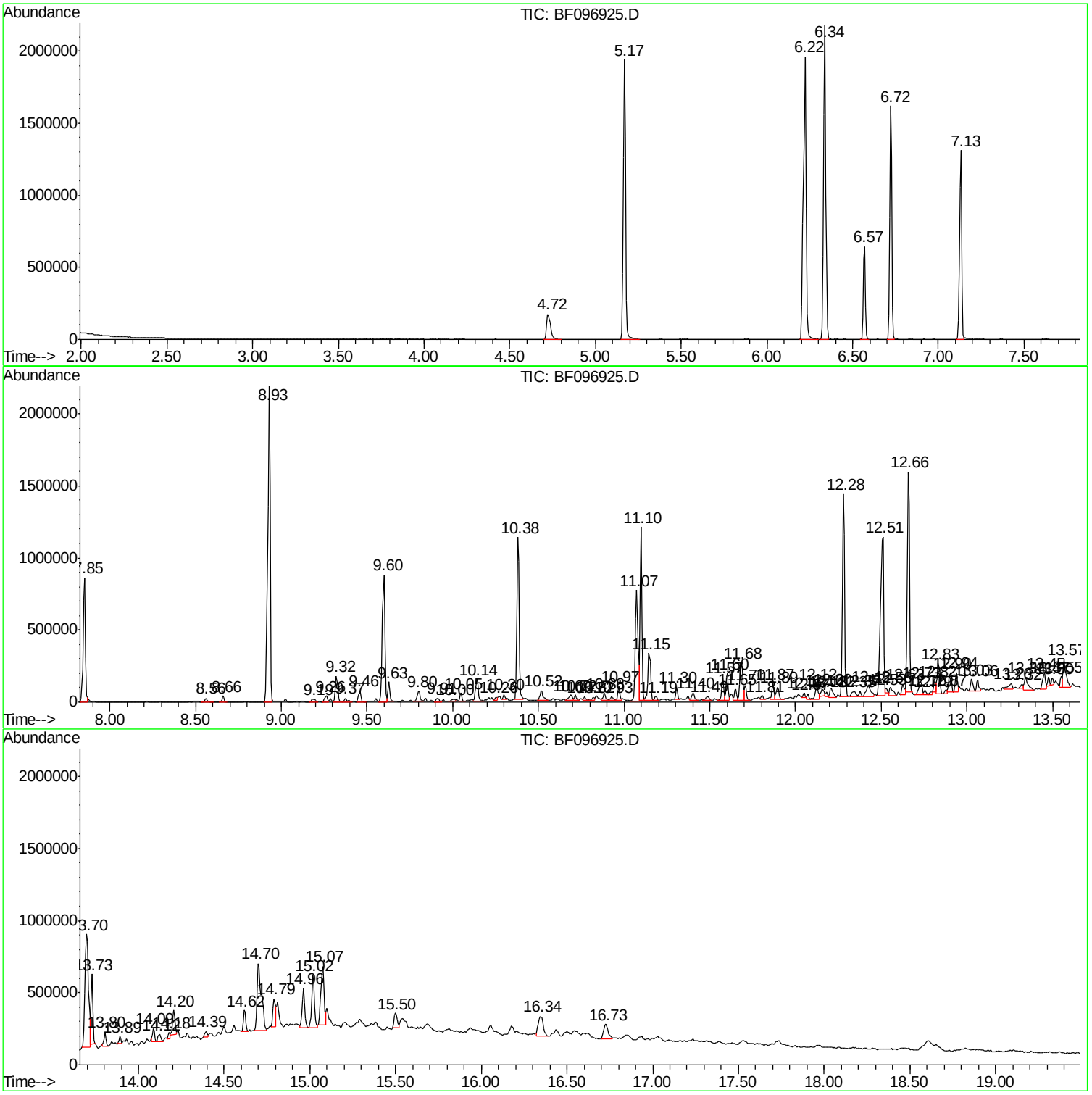
Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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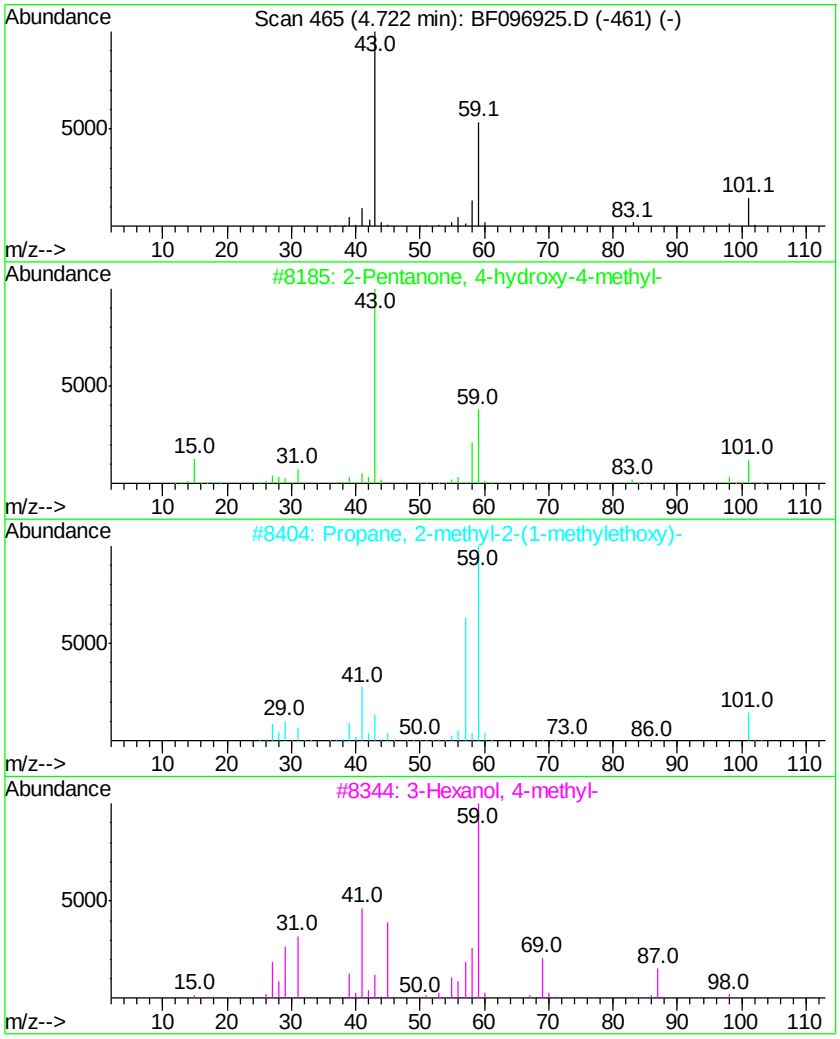
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

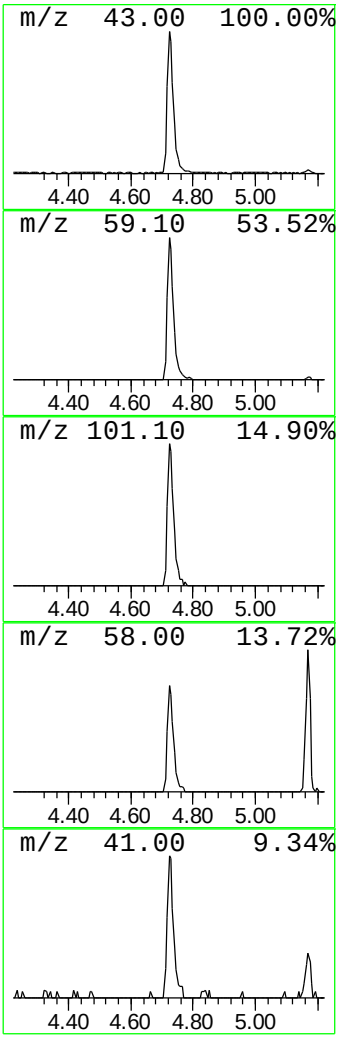
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	8.72 ng	247928	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : I4316-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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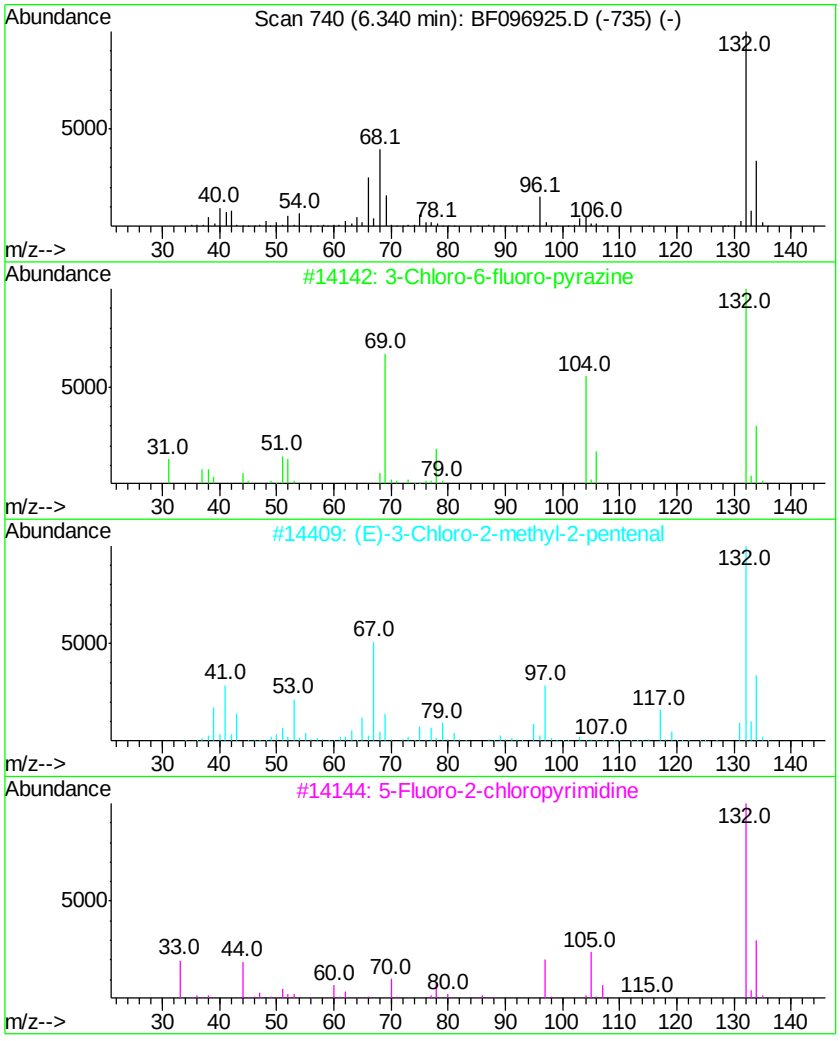
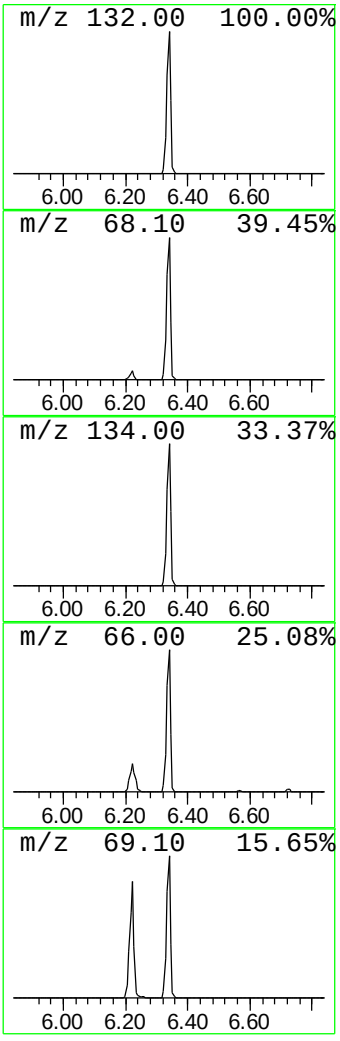
****

Peak Number 2 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	67.97 ng	1931530	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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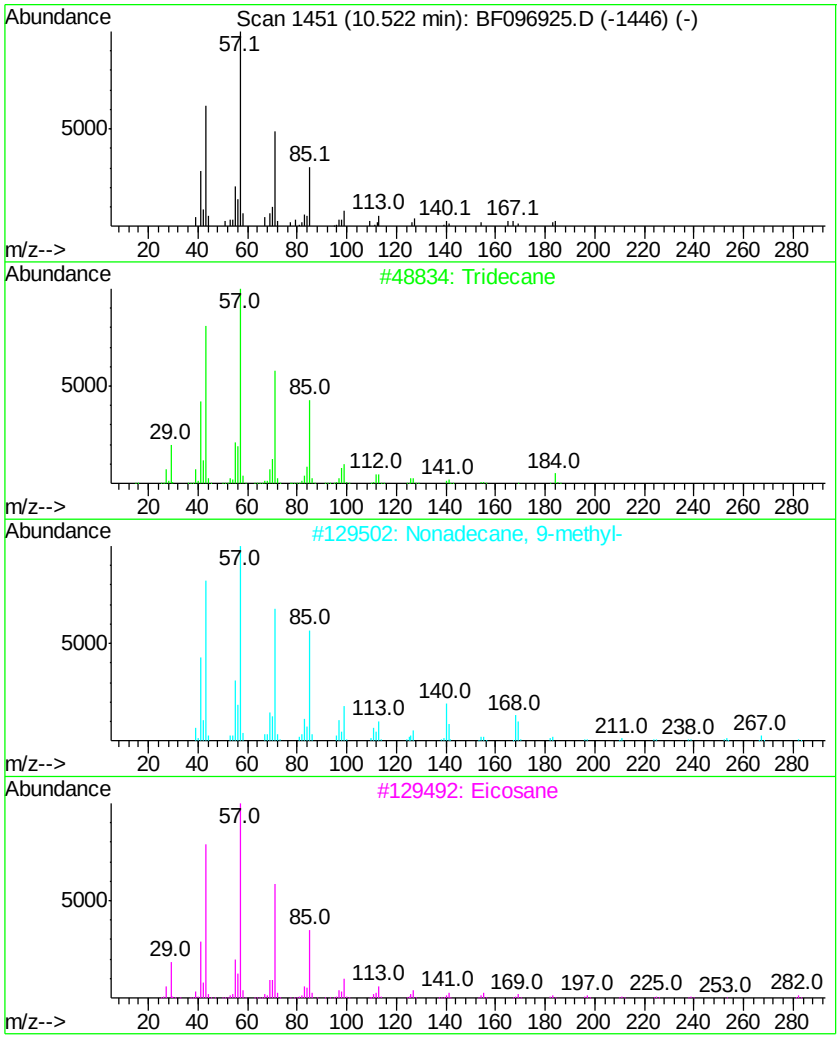
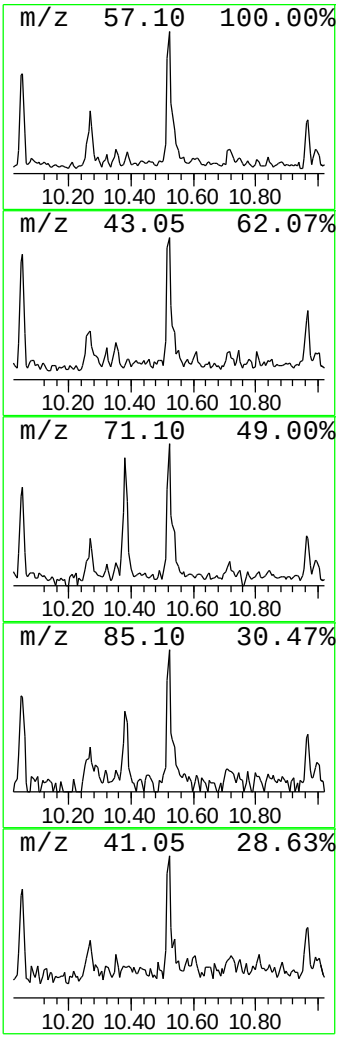
Peak Number 4 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.50 ng	95019	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	62
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
3	Eicosane	282	C20H42	000112-95-8	52
4	Dodecane	170	C12H26	000112-40-3	49
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	49





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Instrument : BNA_F
ClientSampleId : OR-02-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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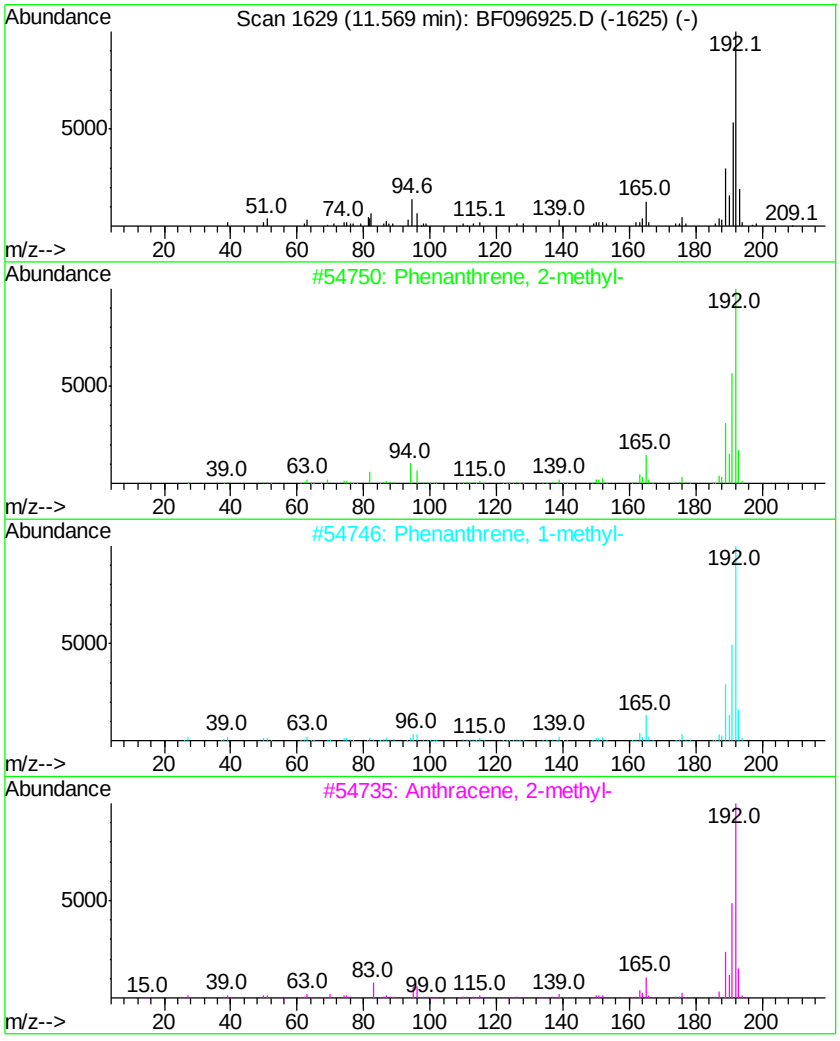
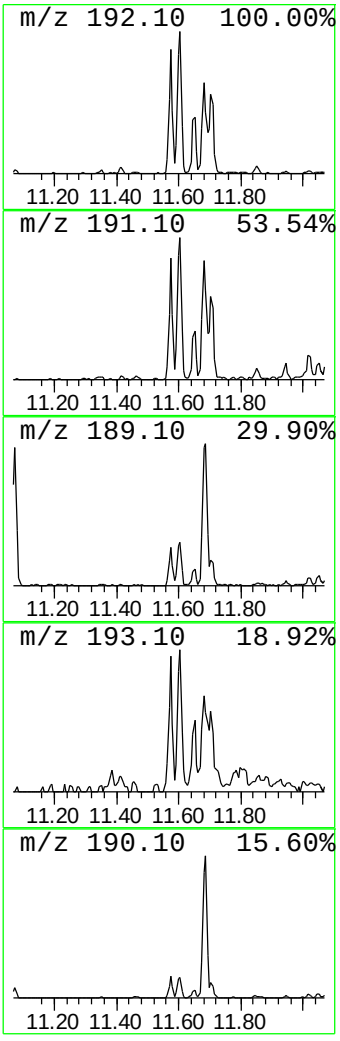
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.60 ng	136649	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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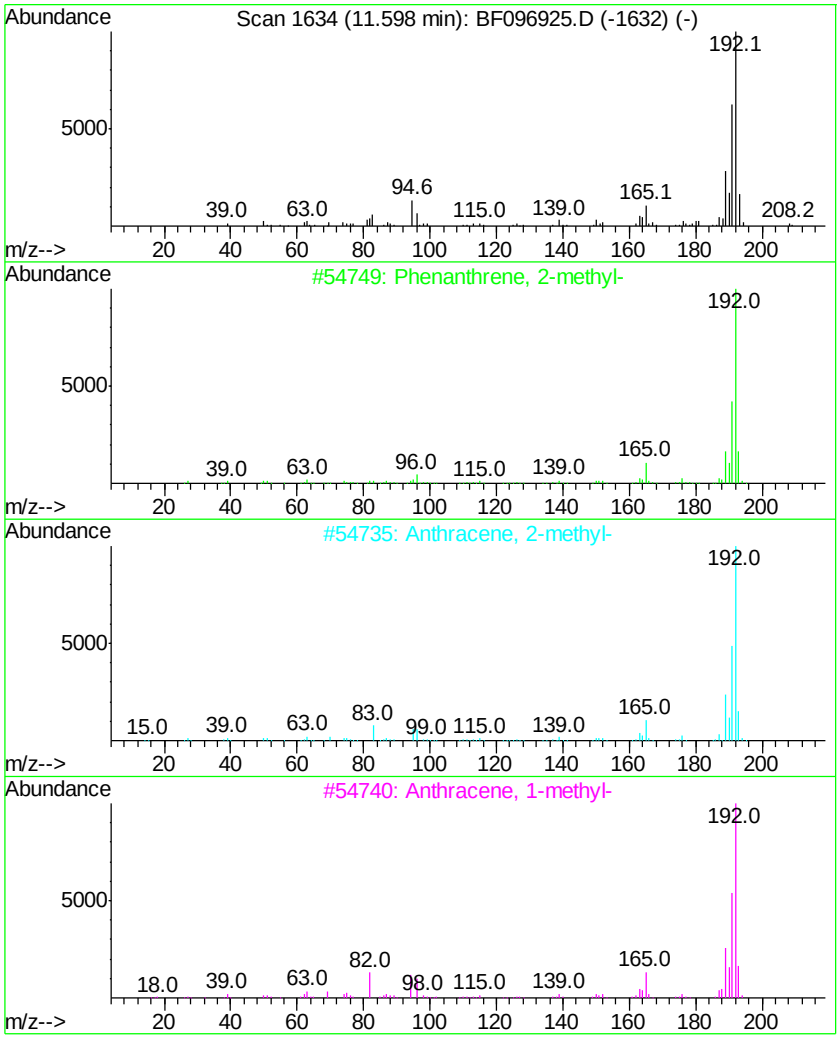
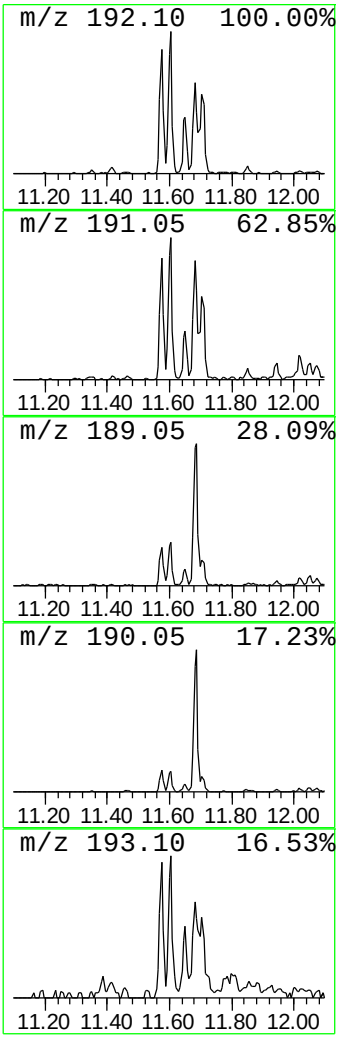
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.33 ng	164356	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096925.D
Acq On : 21 Jul 2017 00:21
Operator : SJ/JU
Sample : I4316-01
Misc :
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ClientSampleId : OR-02-071917

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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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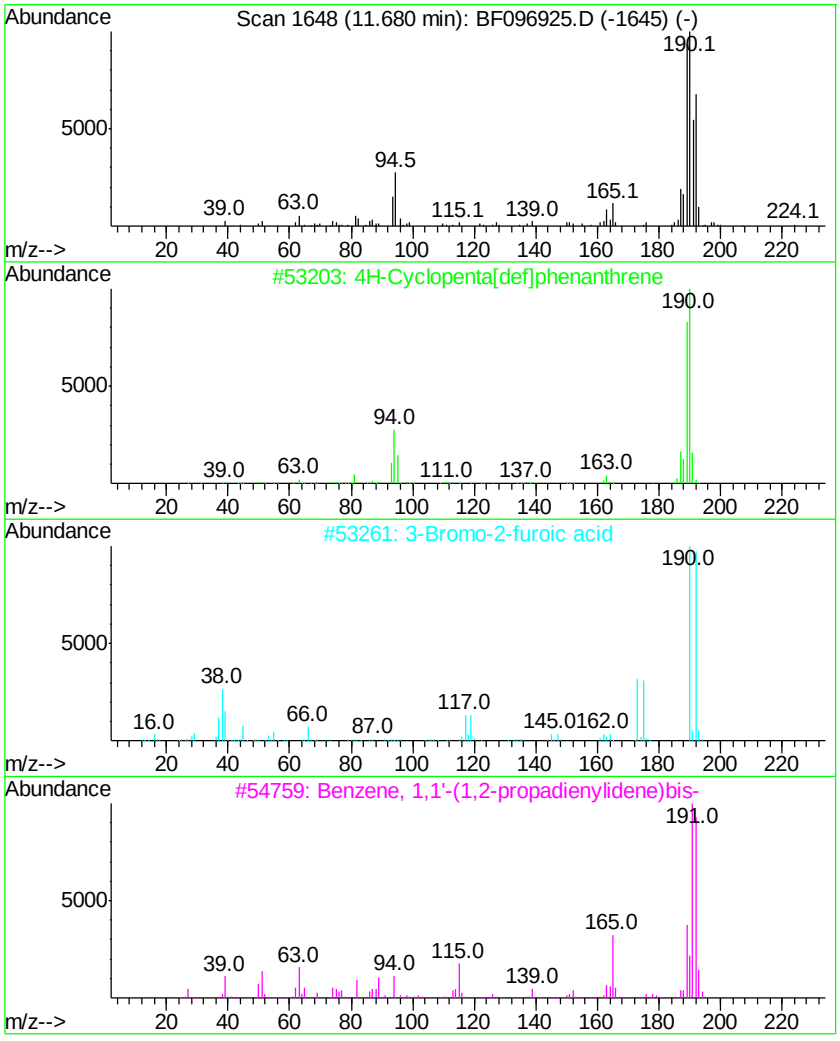
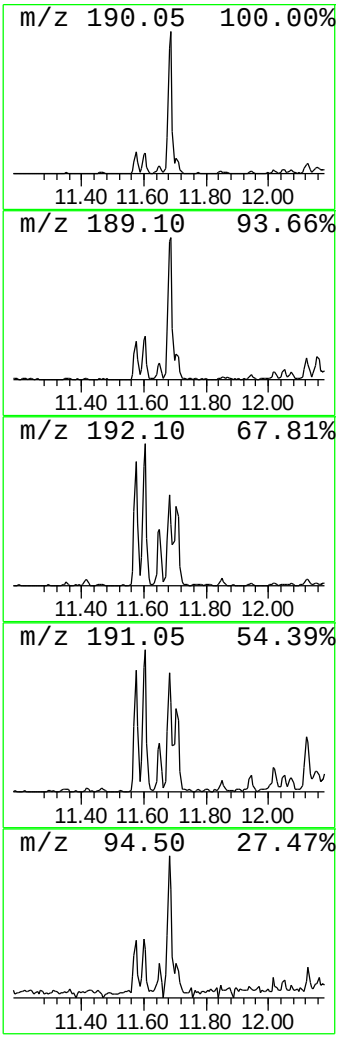
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	7.26 ng	275559	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	22
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18





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

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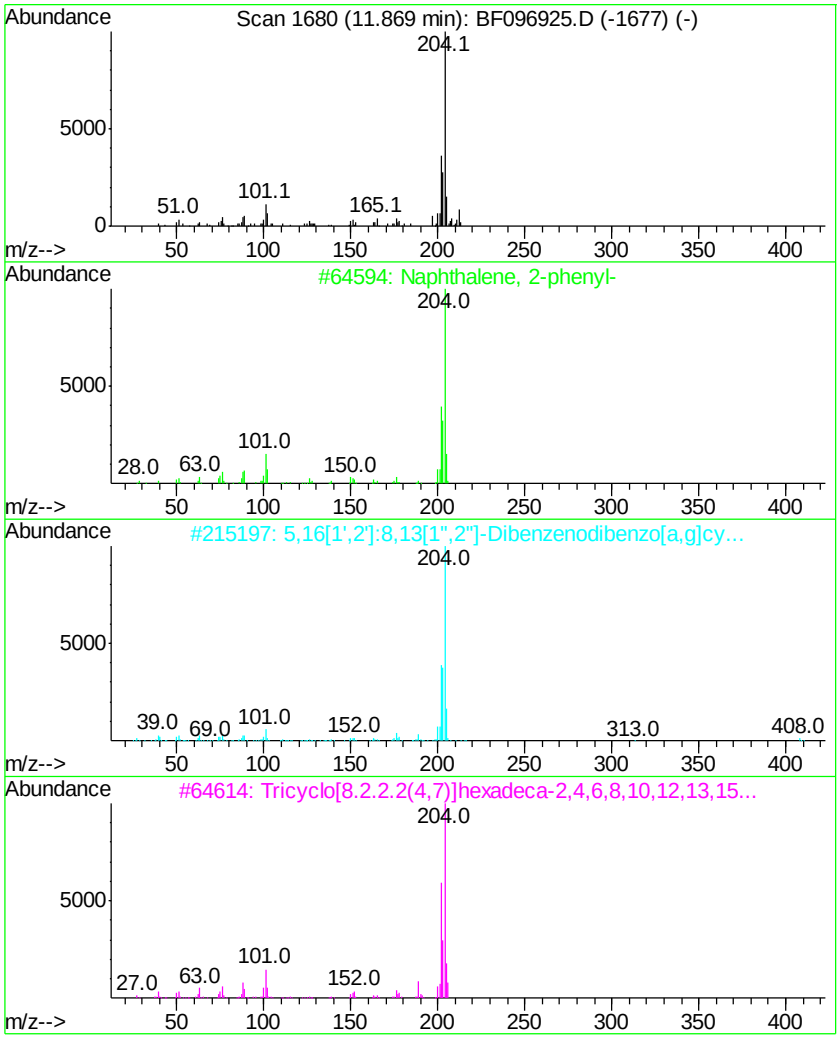
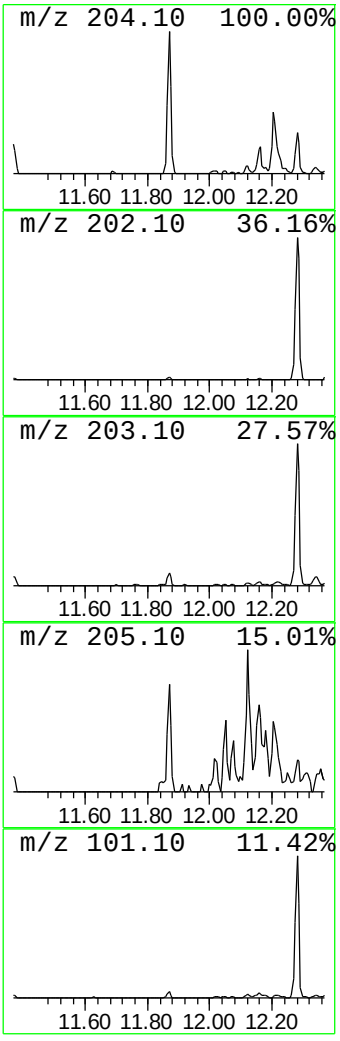
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.58 ng	97887	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	60
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58





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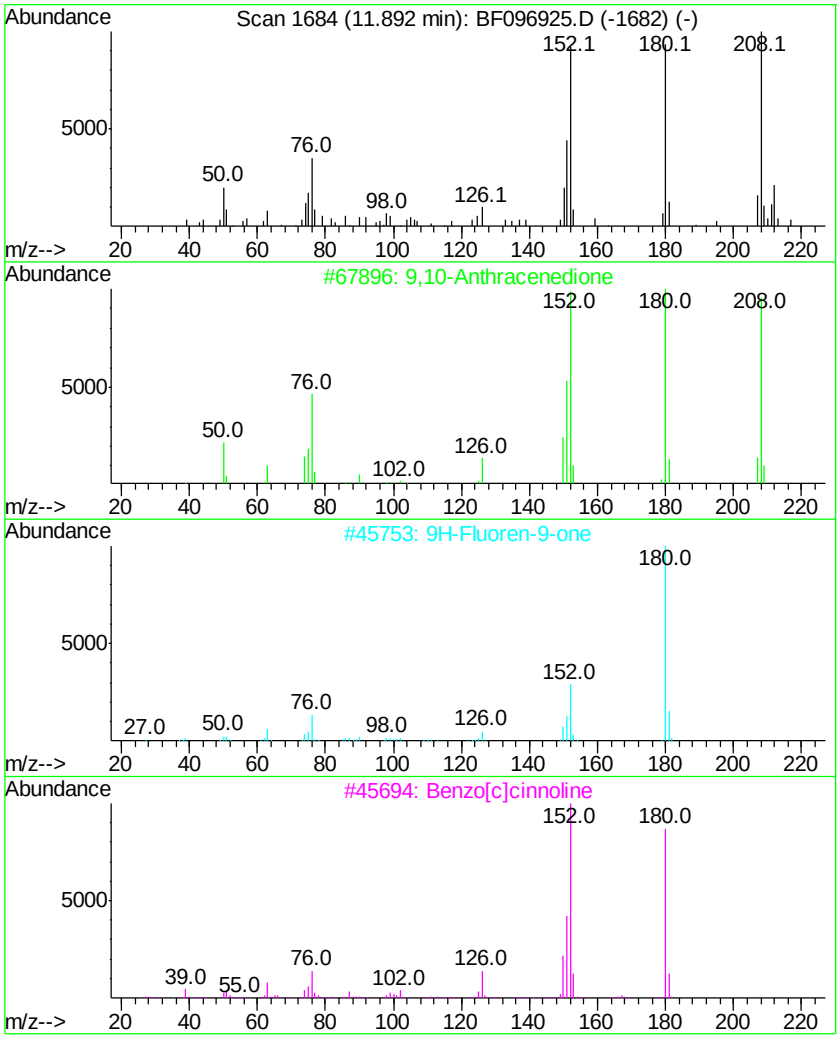
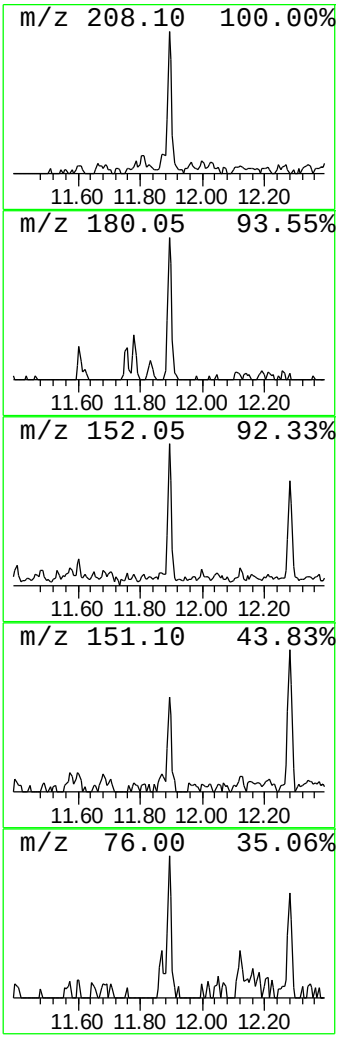
Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.26 ng	85572	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	43





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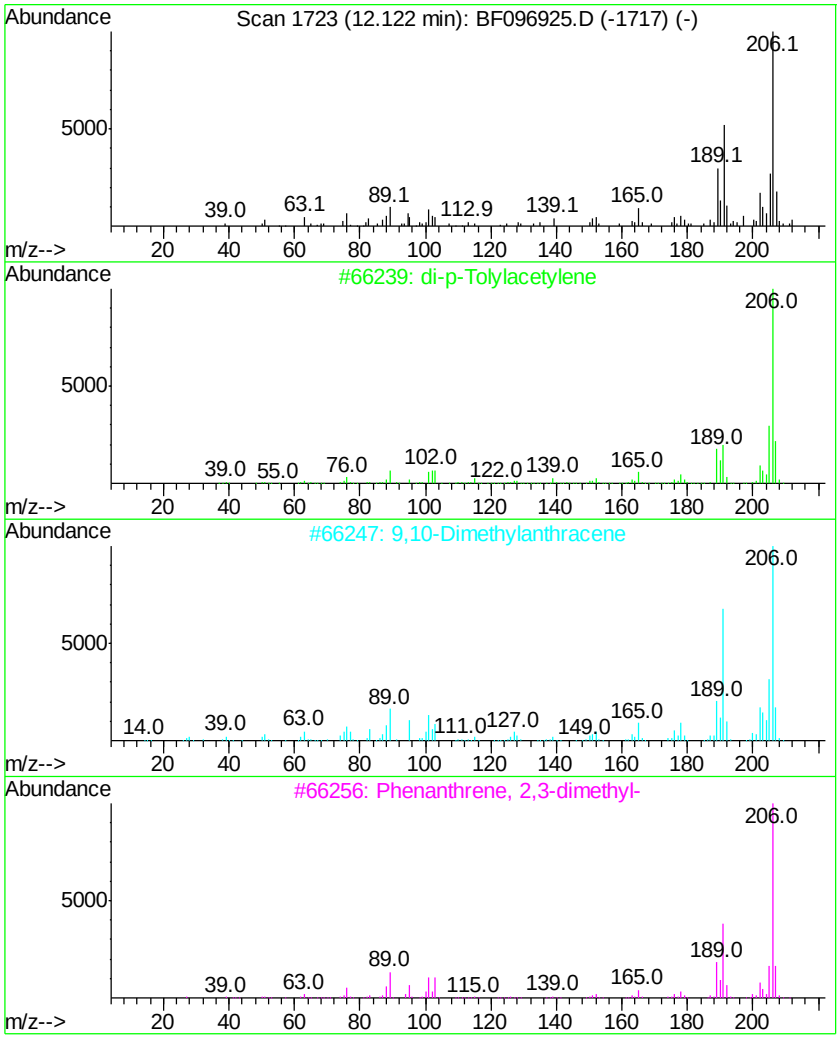
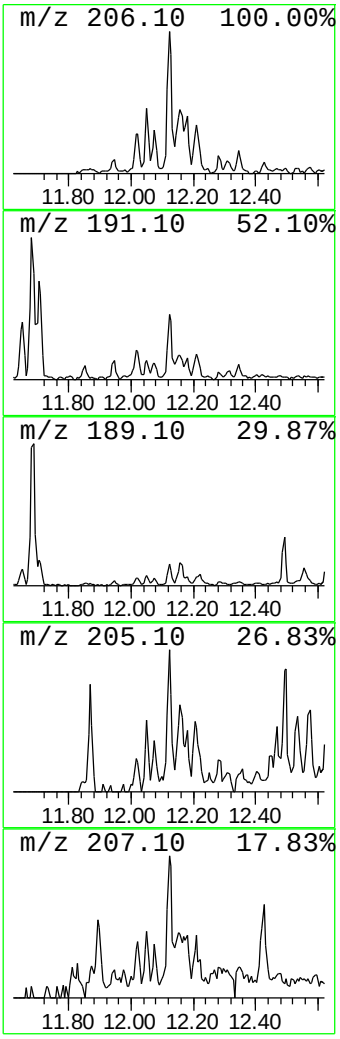
Peak Number 10 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.26 ng	123728	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	91





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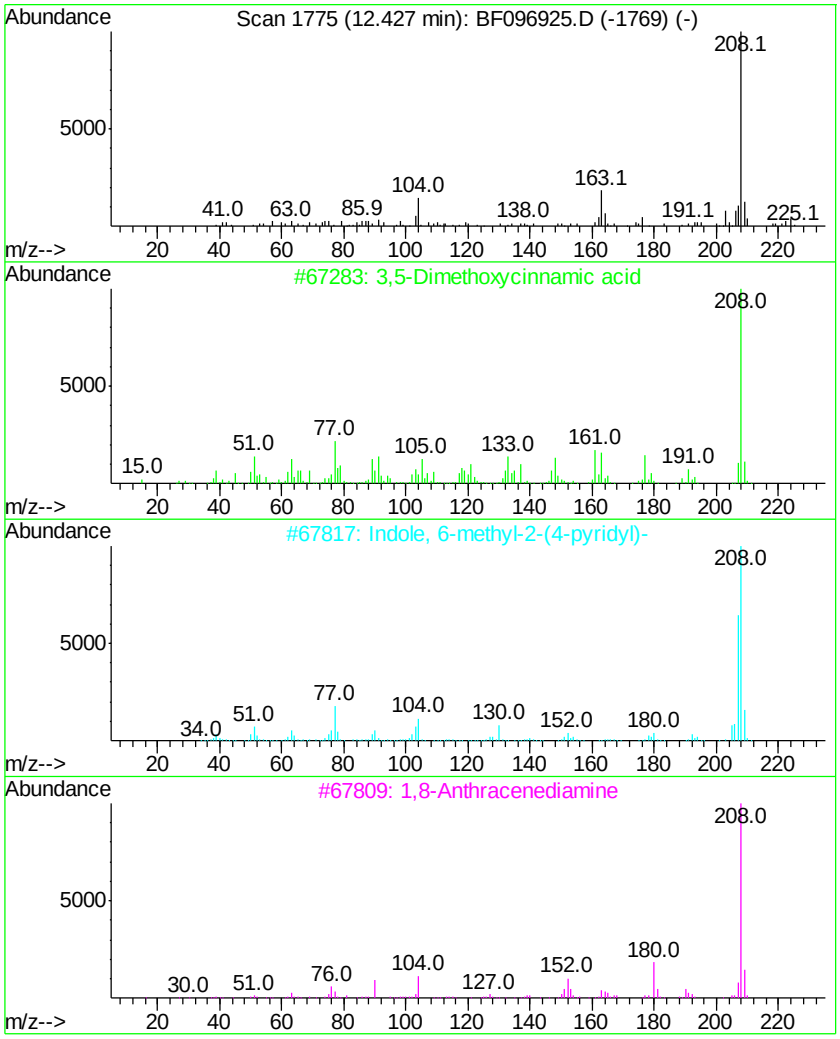
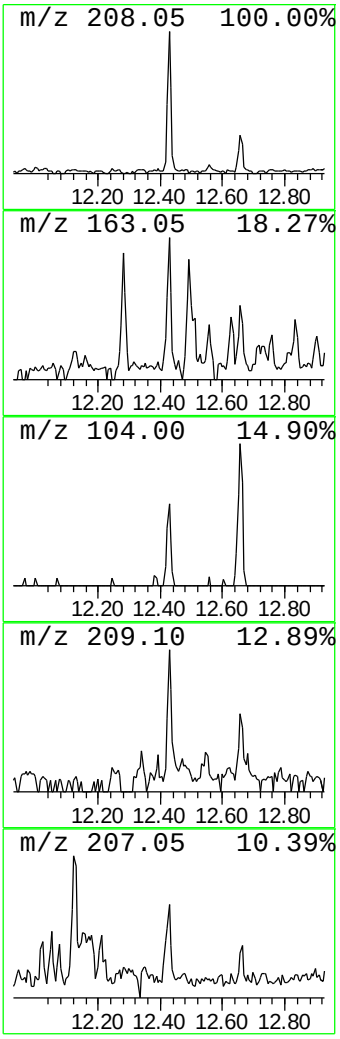
Peak Number 11 3,5-Dimethoxycinnamic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.31 ng	134238	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxycinnamic acid	208	C11H12O4	016909-11-8	59
2	Indole, 6-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-93-7	58
3	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	56
4	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9	53
5	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	53





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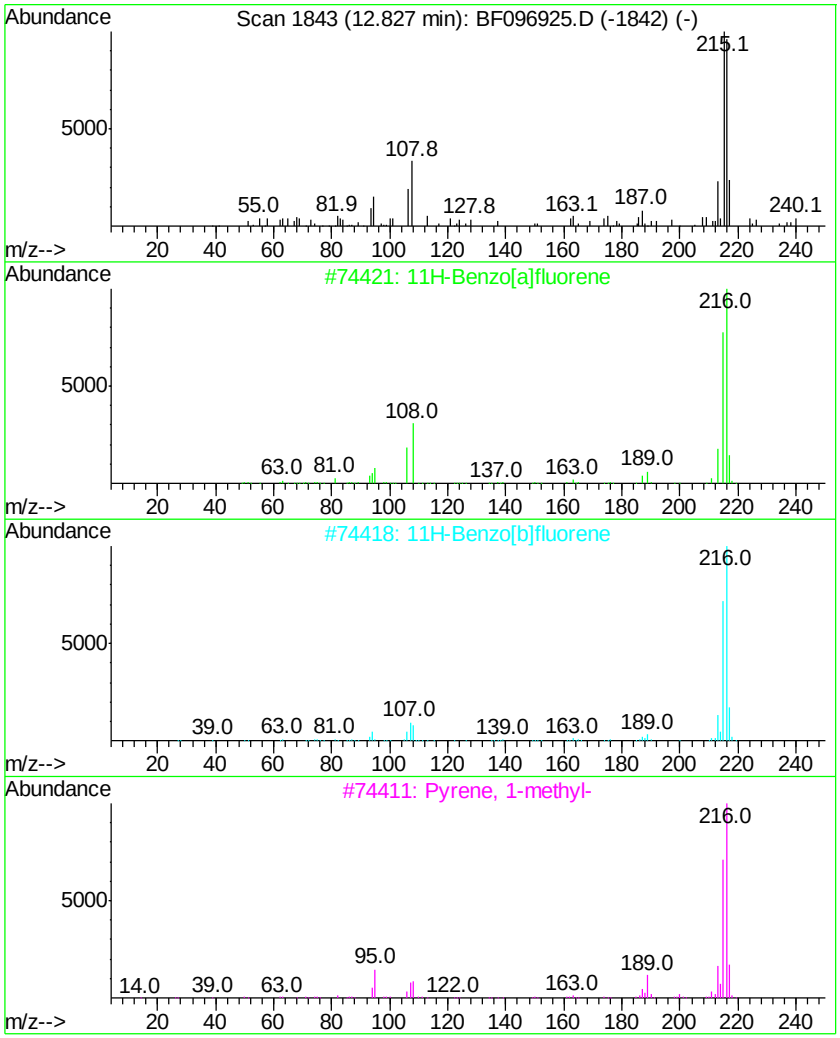
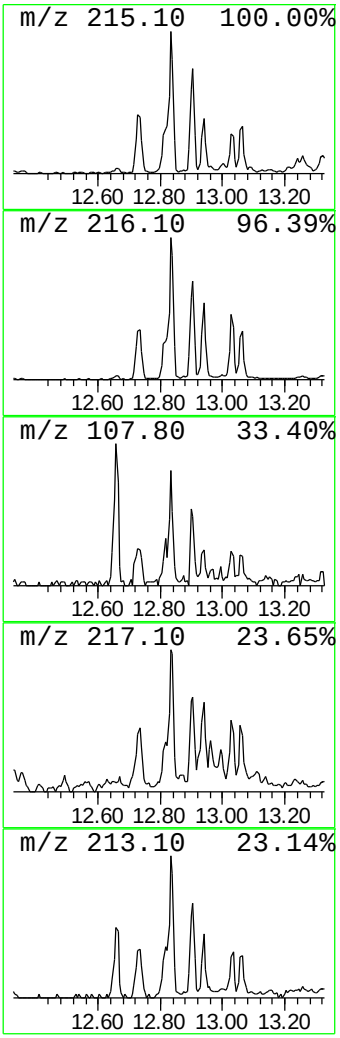
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.20 ng	186071	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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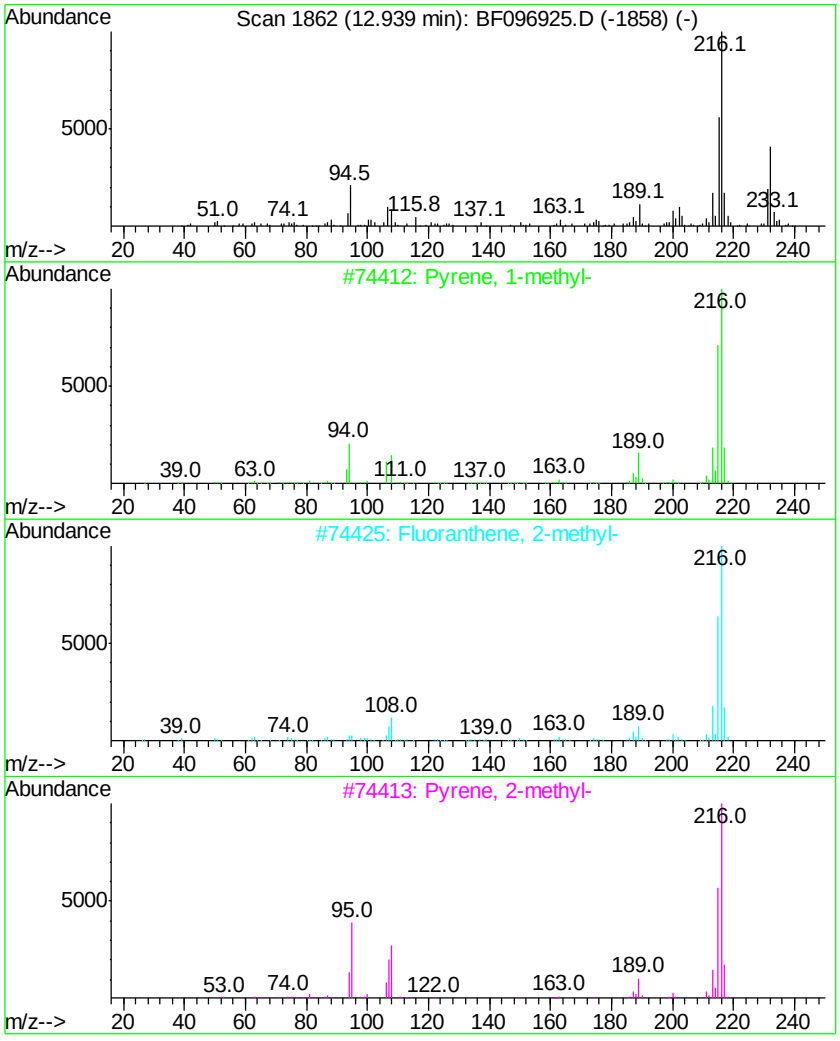
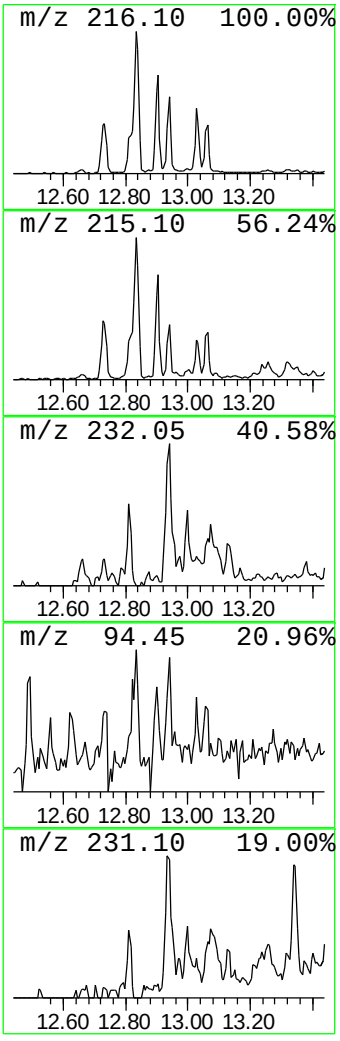
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.25 ng	130945	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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

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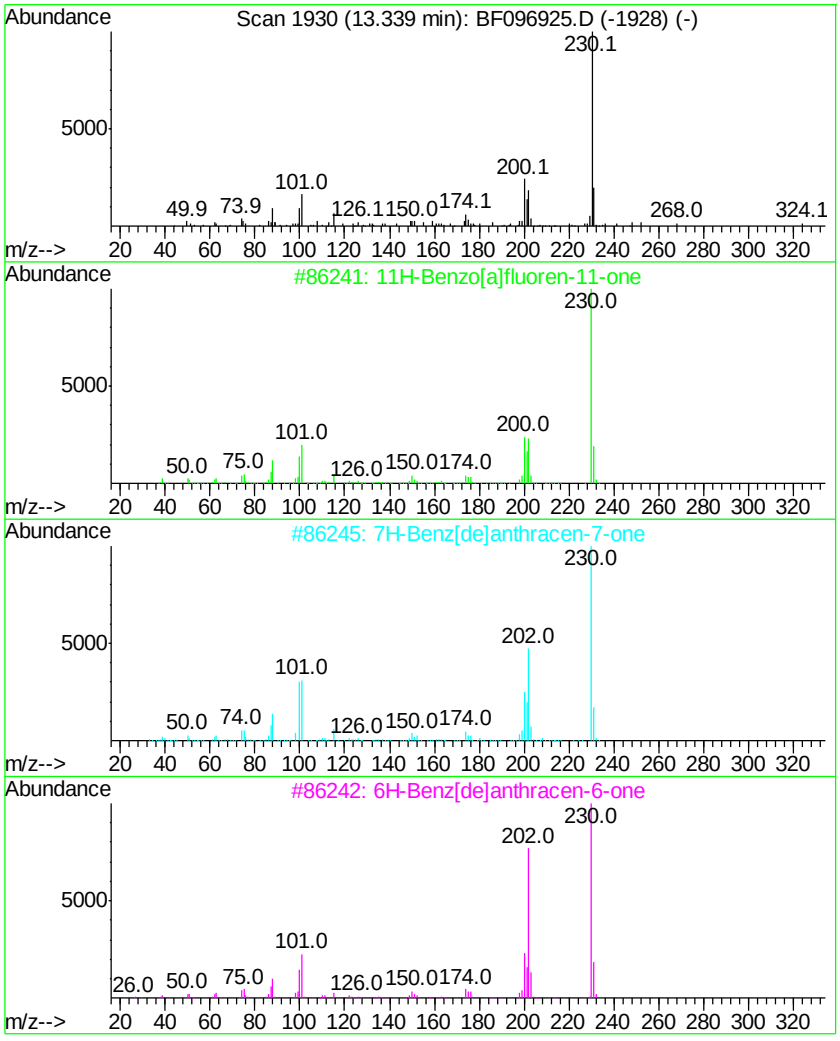
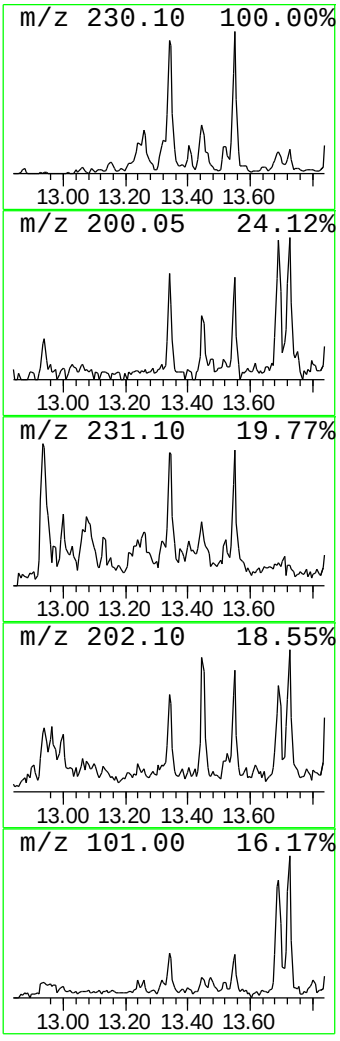
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.39 ng	138768	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





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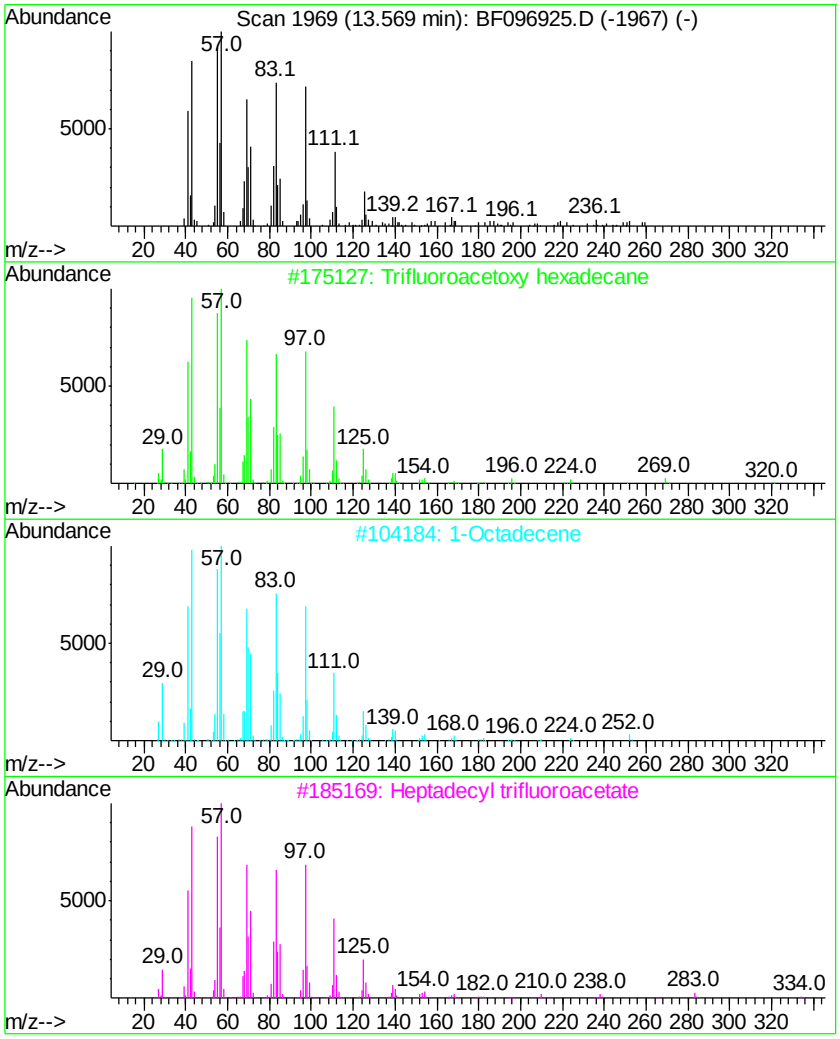
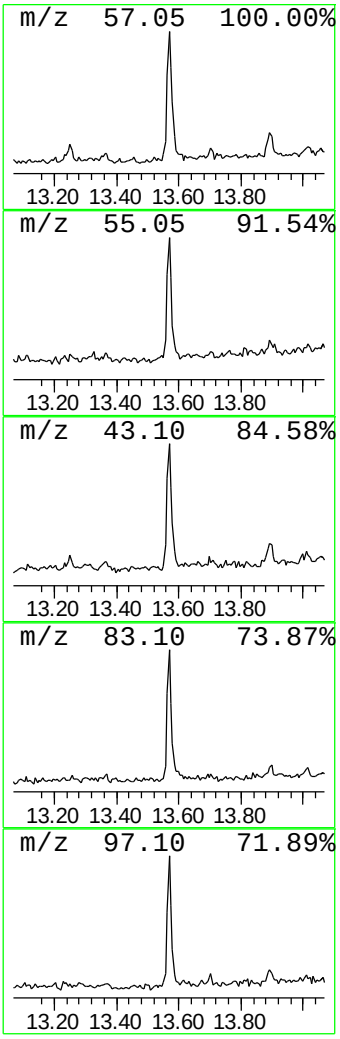
Peak Number 15 Trifluoroacetoxy hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.64 ng	211459	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	1-Octadecene	252	C18H36	000112-88-9	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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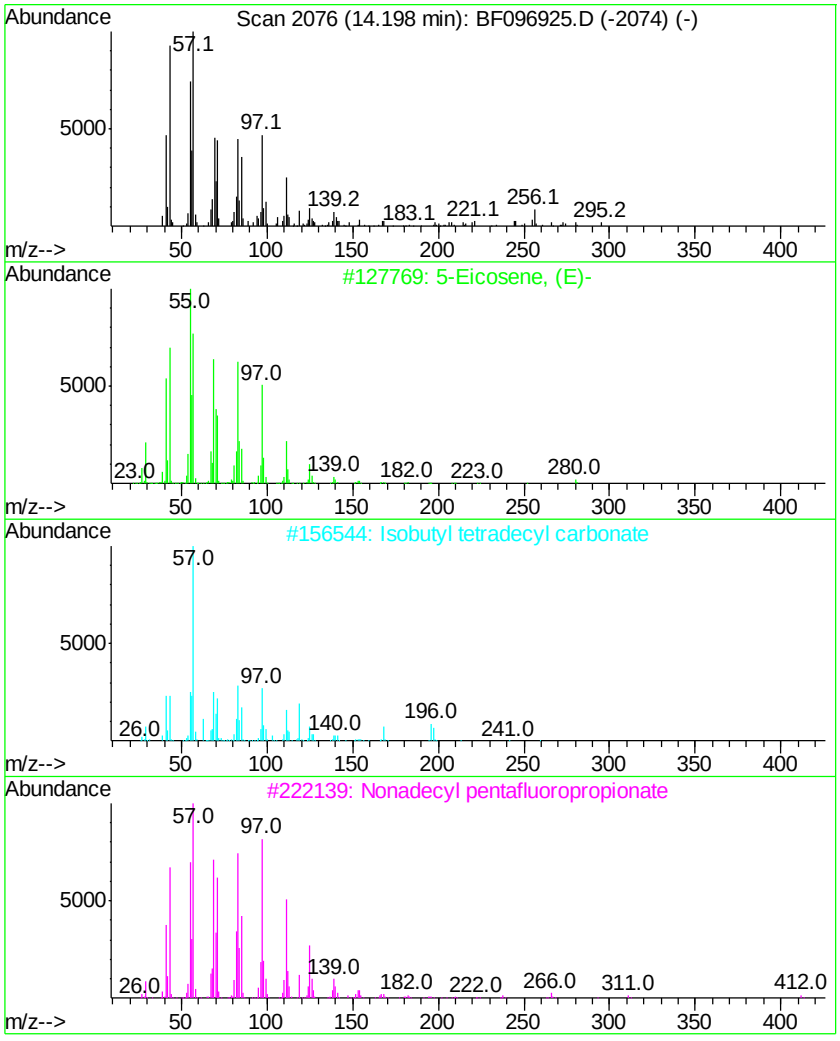
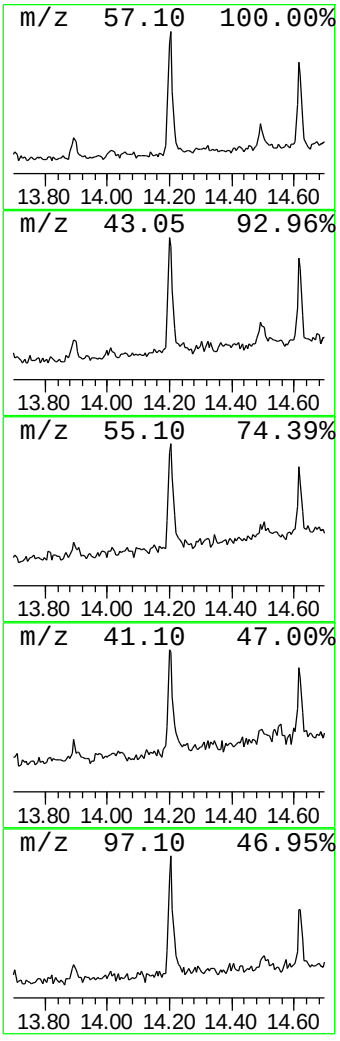
Peak Number 16 5-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.06 ng	178177	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90





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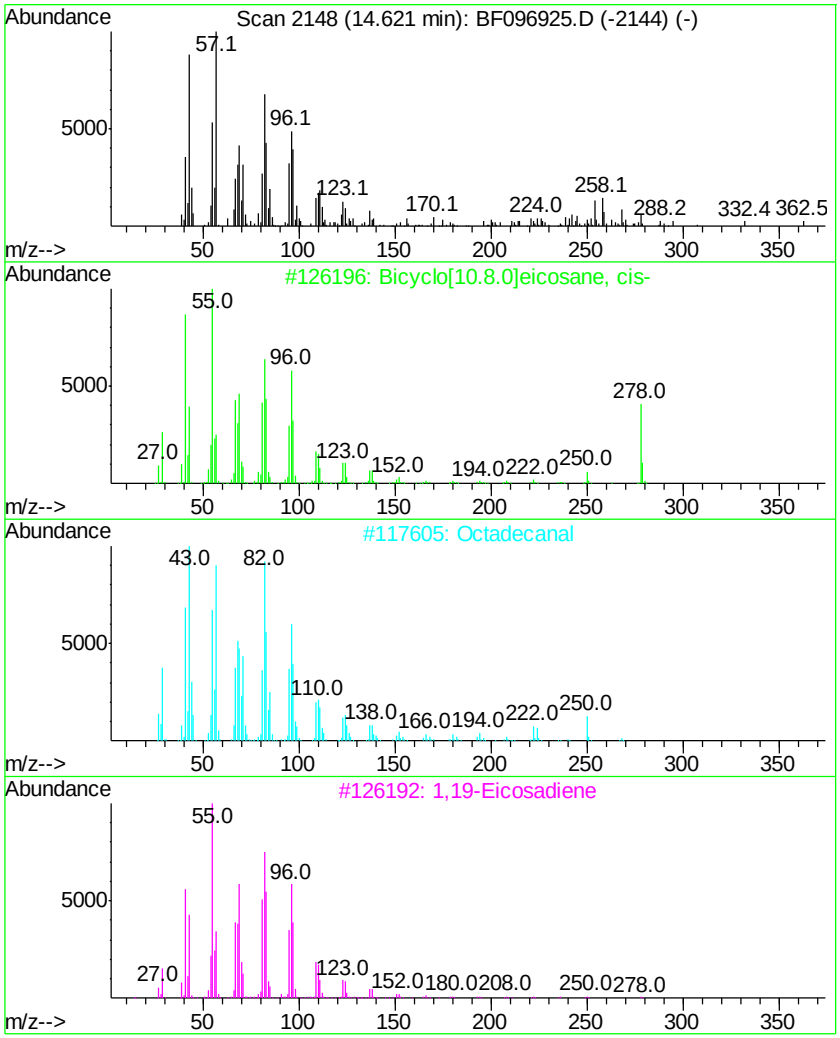
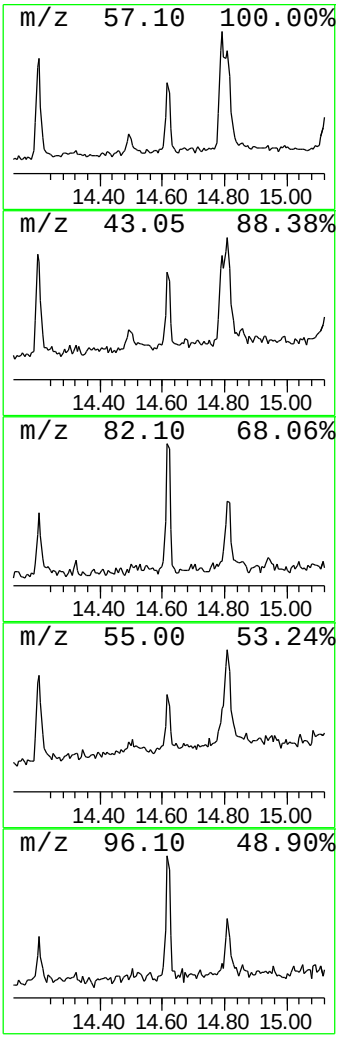
Peak Number 17 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.86 ng	147311	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	83
2	Octadecanal	268	C18H36O	000638-66-4	81
3	1,19-Eicosadiene	278	C20H38	014811-95-1	81
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74





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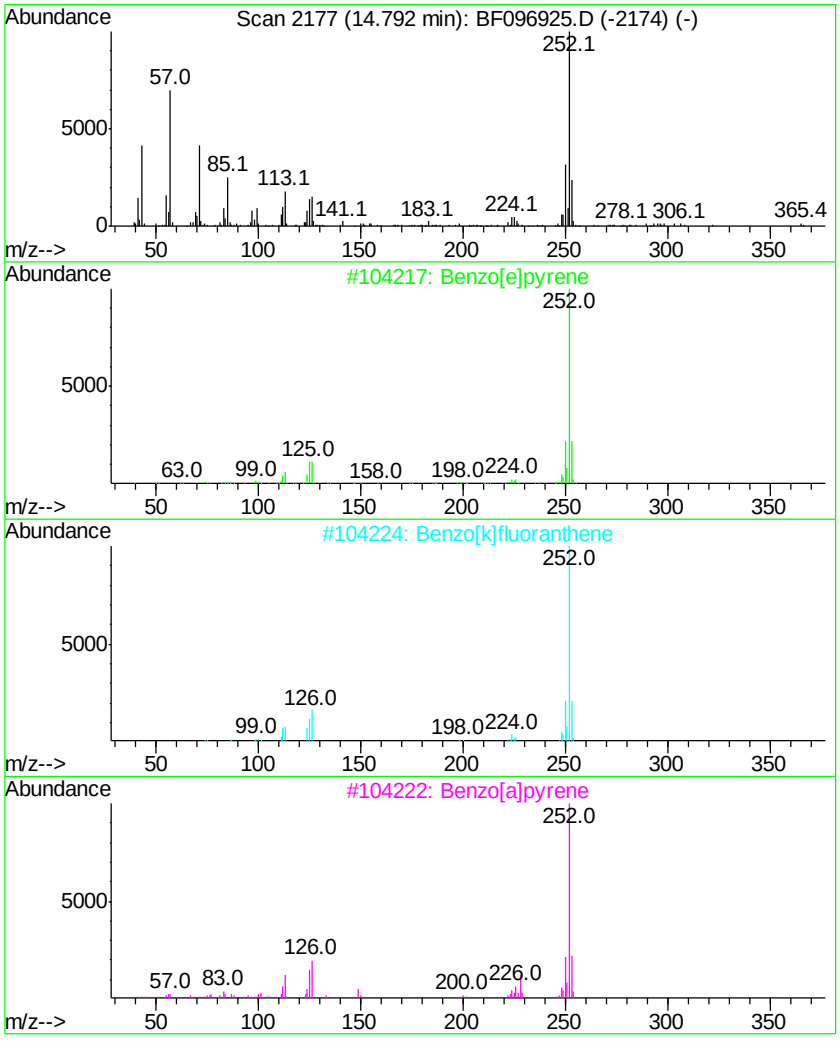
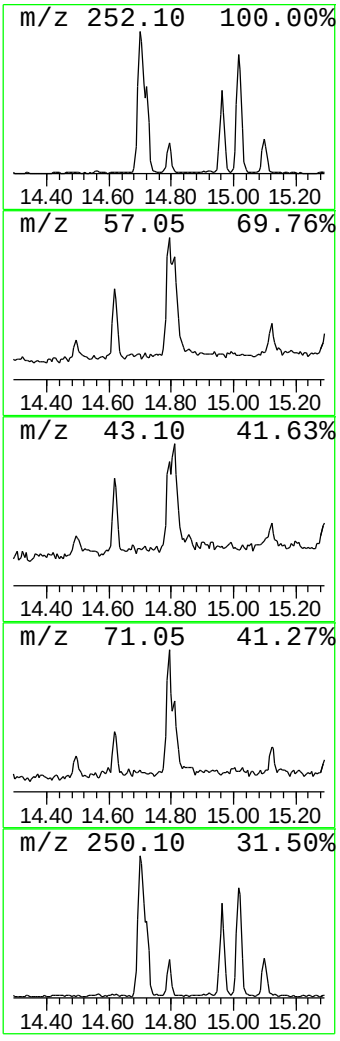
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	6.95 ng	174544	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	86
5	Perylene	252	C20H12	000198-55-0	78





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Data File : BF096925.D
Acq On : 21 Jul 2017 00:21
Operator : SJ/JU
Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

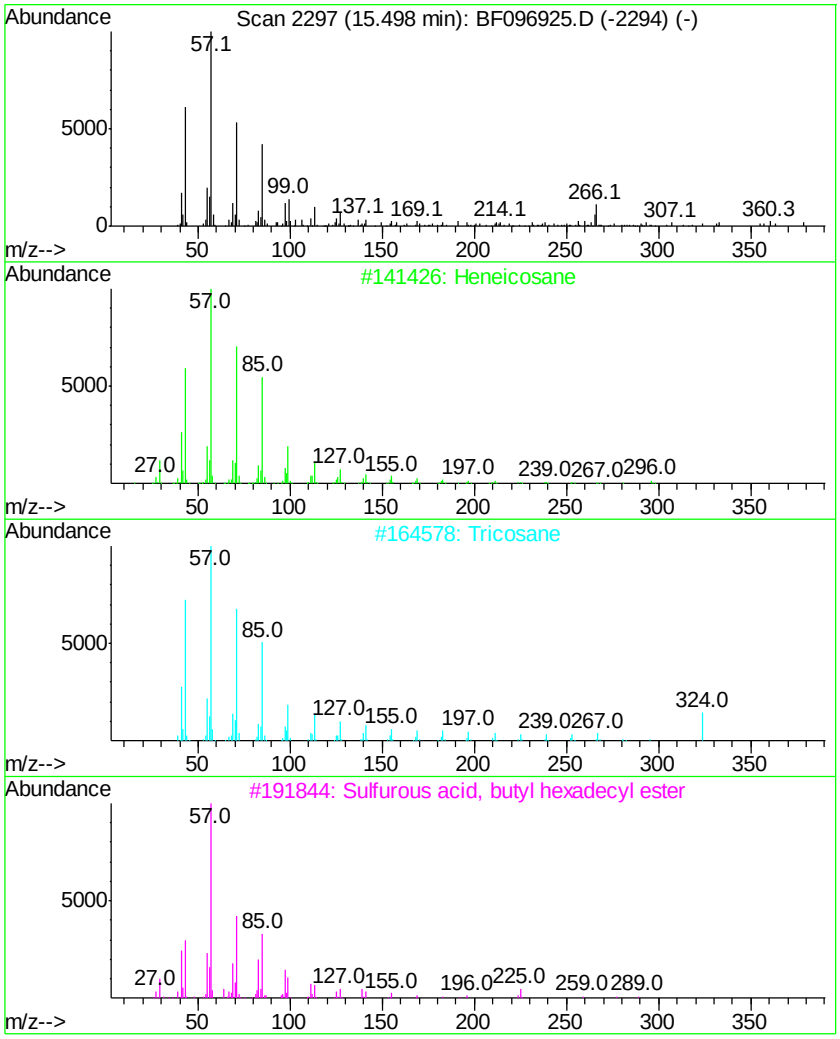
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

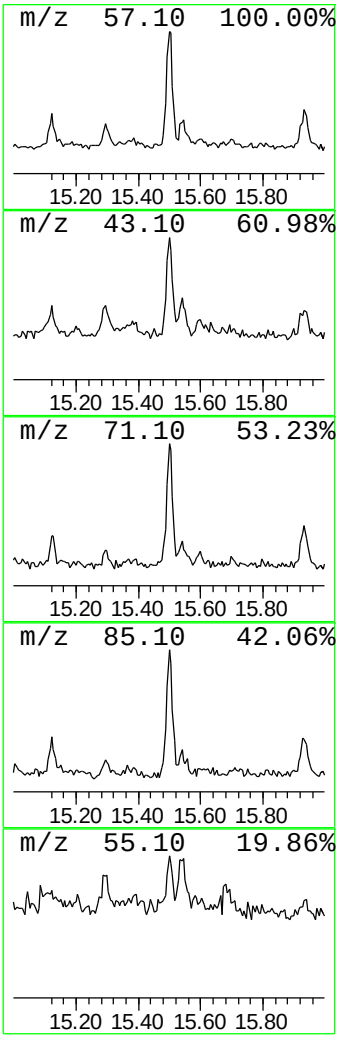
****

Peak Number 20 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.70 ng	143167	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tricosane	324	C23H48	000638-67-5	90
3	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	80
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5	Octadecane	254	C18H38	000593-45-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
Data File : BF096925.D
Acq On : 21 Jul 2017 00:21
Operator : SJ/JU
Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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...	4.72	8.7	ng	247928	1	6.57	568334	20.0
unknown6.34	6.34	68.0	ng	1931530	1	6.57	568334	20.0
Tridecane	10.52	2.5	ng	95019	4	11.07	758951	20.0
Phenanthrene, 2-m...	11.57	3.6	ng	136649	4	11.07	758951	20.0
Anthracene, 2-met...	11.60	4.3	ng	164356	4	11.07	758951	20.0
4H-Cyclopenta[def...	11.68	7.3	ng	275559	4	11.07	758951	20.0
Naphthalene, 2-ph...	11.87	2.6	ng	97887	4	11.07	758951	20.0
9,10-Anthracenedione	11.89	2.3	ng	85572	4	11.07	758951	20.0
di-p-Tolylacetylene	12.12	3.3	ng	123728	4	11.07	758951	20.0
3,5-Dimethoxycinn...	12.43	2.3	ng	134238	5	13.70	1163250	20.0
11H-Benzo[a]fluorene	12.83	3.2	ng	186071	5	13.70	1163250	20.0
Pyrene, 1-methyl-	12.94	2.3	ng	130945	5	13.70	1163250	20.0
11H-Benzo[a]fluor...	13.34	2.4	ng	138768	5	13.70	1163250	20.0
Trifluoroacetoxy ...	13.57	3.6	ng	211459	5	13.70	1163250	20.0
5-Eicosene, (E)-	14.20	3.1	ng	178177	5	13.70	1163250	20.0
Bicyclo[10.8.0]ei...	14.62	5.9	ng	147311	6	15.07	502542	20.0
Benzo[e]pyrene	14.79	7.0	ng	174544	6	15.07	502542	20.0
Heneicosane	15.50	5.7	ng	143167	6	15.07	502542	20.0