LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	2.116	3	5	10	rVB	98027	105922	3.29%	0.182%
2	5.057	502	505	520	rVB	99793	136114	4.23%	0.234%
3	5.475	572	576	595	rBV	2682949	2676565	83.14%	4.608%
4	6.486	744	748	765	rBV	2767016	2860935	88.86%	4.925%
5	6.610	765	769	776	rBV	3122770	2993961	92.99%	5.154%
6	6.833	803	807	814	rBV	936620	780172	24.23%	1.343%
7	6.992	830	834	837	rBV	2675847	2328139	72.31%	4.008%
8	7.398	899	903	915	rBV	1931505	1788245	55.54%	3.079%
9	8.116	1021	1025	1027	rBV	1153648	1008610	31.33%	1.736%
10	8.139	1027	1029	1036	rVB	425177	385942	11.99%	0.664%
11	8.827	1143	1146	1153	rBV	391138	342263	10.63%	0.589%
12	8.927	1158	1163	1171	rVB	427539	375166	11.65%	0.646%
13	9.192	1203	1208	1211	rBV	3467272	3219527	100.00%	5.543%
14	9.457	1248	1253	1257	rBV2	103127	137878	4.28%	0.237%
15	9.527	1261	1265	1268	rBV	197688	205913	6.40%	0.354%
16	9.557	1268	1270	1272	rVV	99507	73234	2.27%	0.126%
17	9.580	1272	1274	1282	rVB	314369	294964	9.16%	0.508%
18	9.645	1282	1285	1287	rBV	81078	79379	2.47%	0.137%
19	9.733	1297	1300	1305	rVB	184277	151440	4.70%	0.261%
20	9.869	1317	1323	1327	rBV	1235585	1195956	37.15%	2.059%
21	9.904	1327	1329	1332	rVB	182472	148067	4.60%	0.255%
22	10.074	1353	1358	1362	rBV2	97663	113473	3.52%	0.195%
23	10.186	1373	1377	1380	rBV2	78710	84765	2.63%	0.146%
24	10.280	1388	1393	1394	rBV2	52645	70349	2.19%	0.121%
25	10.421	1414	1417	1422	rVB2	156406	171450	5.33%	0.295%
26	10.669	1454	1459	1468	rVB	2080478	2068596	64.25%	3.561%
27	10.786	1473	1479	1484	rVB4	48566	88200	2.74%	0.152%
28	10.968	1505	1510	1513	rBV2	84401	110523	3.43%	0.190%
29	11.257	1554	1559	1563	rVB	81894	90794	2.82%	0.156%
30	11.363	1573	1577	1579	rBV	1147659	1119935	34.79%	1.928%
31	11.386	1579	1581	1587	rVV	942250	803943	24.97%	1.384%
32	11.439	1587	1590	1592	rVV	202182	189515	5.89%	0.326%
33	11.474	1592	1596	1599	rVV3	60862	103117	3.20%	0.178%
34	11.598	1613	1617	1622	rVV2	74882	117520	3.65%	0.202%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.645	1622	1625	1628	rVV2	56085	76574	2.38%	0.132%
36	11.692	1628	1633	1638	rVV2	89289	101857	3.16%	0.175%
37	11.863	1658	1662	1663	rVV	320596	278869	8.66%	0.480%
38	11.886	1663	1666	1672	rVV2	782791	916437	28.46%	1.578%
39	11.939	1672	1675	1678	rVV	129510	145550	4.52%	0.251%
40	11.974	1678	1681	1683	rVV2	481948	501672	15.58%	0.864%
41	11.998	1683	1685	1690	rVV	248922	220718	6.86%	0.380%
42	12.045	1690	1693	1699	rVV5	46360	71195	2.21%	0.123%
43	12.157	1708	1712	1714	rVV	160712	158847	4.93%	0.273%
44	12.192	1716	1718	1723	rVB3	91785	108915	3.38%	0.188%
45	12.339	1741	1743	1745	rBV	100127	70355	2.19%	0.121%
46	12.415	1752	1756	1758	rBV	292043	326831	10.15%	0.563%
47	12.439	1758	1760	1764	rVV3	226270	311052	9.66%	0.536%
48	12.510	1768	1772	1775	rBV3	122435	179897	5.59%	0.310%
49	12.580	1780	1784	1787	rBV	2040524	1767730	54.91%	3.043%
50	12.615	1787	1790	1792	rVV3	76844	73813	2.29%	0.127%
51	12.668	1796	1799	1805	rVV2	473222	516282	16.04%	0.889%
52	12.727	1806	1809	1812	rVV2	119321	136795	4.25%	0.236%
53	12.810	1816	1823	1829	rBV	1864925	2032059	63.12%	3.498%
54	12.857	1829	1831	1835	rVB2	125346	138233	4.29%	0.238%
55	12.945	1839	1846	1848	rVV	2512662	2438798	75.75%	4.199%
56	12.968	1848	1850	1855	rVB2	86797	104990	3.26%	0.181%
57	13.027	1855	1860	1866	rBV3	182601	326554	10.14%	0.562%
58	13.115	1871	1875	1876	rBV3	144805	171836	5.34%	0.296%
59	13.139	1876	1879	1881	rVV	331594	330072	10.25%	0.568%
60	13.162	1881	1883	1887	rVV	231149	173381	5.39%	0.298%
61	13.204	1887	1890	1892	rVV	234375	214268	6.66%	0.369%
62	13.239	1892	1896	1900	rVB2	244541	272014	8.45%	0.468%
63	13.333	1909	1912	1915	rBV	187123	166659	5.18%	0.287%
64	13.362	1915	1917	1921	rVB	180626	158787	4.93%	0.273%
65	13.504	1936	1941	1944	rBV4	91900	143568	4.46%	0.247%
66	13.621	1958	1961	1963	rBV3	64084	69493	2.16%	0.120%
67	13.651	1963	1966	1969	rVV	145882	141292	4.39%	0.243%
68	13.757	1979	1984	1986	rBV2	192725	240831	7.48%	0.415%
69	13.780	1986	1988	1990	rVV	198303	158241	4.92%	0.272%
70	13.827	1990	1996	2000	rVV3	724303	987063	30.66%	1.699%
71	13.862	2000	2002	2008	rVB2	146682	166504	5.17%	0.287%

LSC Area Percent Report

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Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.004	2019	2026	2029	rBV2	1307769	2074199	64.43%	3.571%
73	14.033	2029	2031	2035	rVV	942407	875366	27.19%	1.507%
74	14.115	2043	2045	2047	rVV	162022	126482	3.93%	0.218%
75	14.151	2047	2051	2058	rVV4	259023	424380	13.18%	0.731%
76	14.239	2062	2066	2068	rBV2	70820	99747	3.10%	0.172%
77	14.357	2084	2086	2088	rBV2	80386	75820	2.36%	0.131%
78	14.398	2088	2093	2096	rVV	280881	352613	10.95%	0.607%
79	14.427	2096	2098	2100	rVV	141099	149103	4.63%	0.257%
80	14.456	2100	2103	2108	rVV3	636611	909462	28.25%	1.566%
81	14.521	2112	2114	2116	rVV	186794	183860	5.71%	0.317%
82	14.545	2116	2118	2121	rVB2	128615	115553	3.59%	0.199%
83	14.721	2145	2148	2150	rBV3	74714	96643	3.00%	0.166%
84	14.756	2150	2154	2157	rVB	676199	669480	20.79%	1.153%
85	14.827	2164	2166	2169	rVB2	115229	117204	3.64%	0.202%
86	14.898	2175	2178	2181	rBV	164821	161685	5.02%	0.278%
87	15.062	2201	2206	2208	rBV	896250	1362219	42.31%	2.345%
88	15.086	2208	2210	2214	rVB2	971648	1188708	36.92%	2.046%
89	15.168	2220	2224	2227	rVB	224995	261351	8.12%	0.450%
90	15.362	2252	2257	2263	rVB	553081	744997	23.14%	1.283%
91	15.427	2263	2268	2271	rBV	864778	1061069	32.96%	1.827%
92	15.468	2271	2275	2281	rVV2	940892	1945748	60.44%	3.350%
93	15.521	2281	2284	2289	rVB2	250395	342547	10.64%	0.590%
94	15.662	2305	2308	2311	rBV2	103150	130842	4.06%	0.225%
95	15.898	2343	2348	2353	rBV	781856	1084533	33.69%	1.867%
96	15.951	2353	2357	2364	rVV6	102629	225724	7.01%	0.389%
97	16.056	2372	2375	2385	rVB2	90484	171716	5.33%	0.296%
98	16.392	2427	2432	2438	rBV	391387	667702	20.74%	1.150%
99	16.980	2525	2532	2540	rVB	539545	1060103	32.93%	1.825%
100	17.433	2603	2609	2618	rBV	284332	588496	18.28%	1.013%

Sum of corrected areas: 58085956

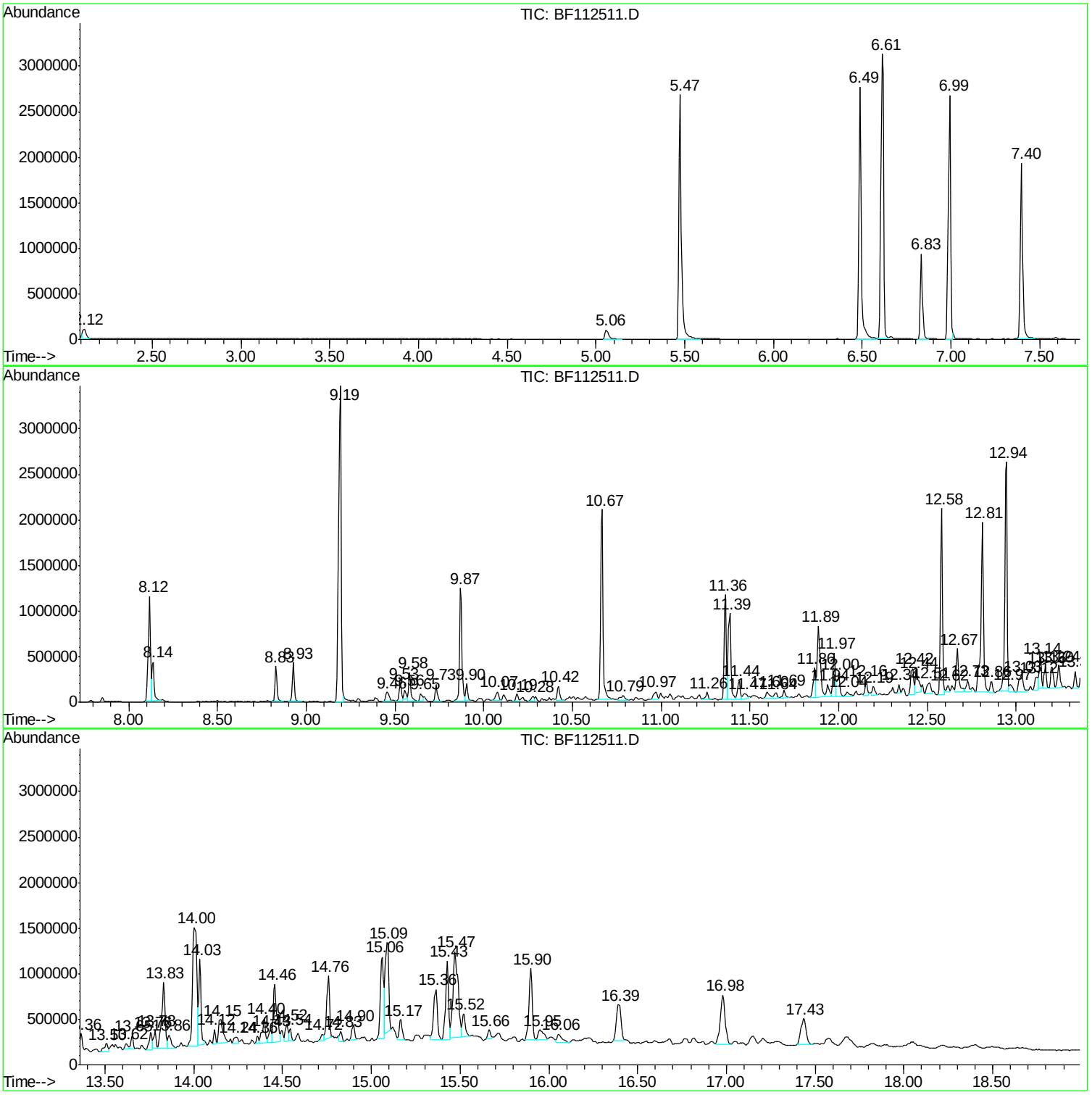
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
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Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

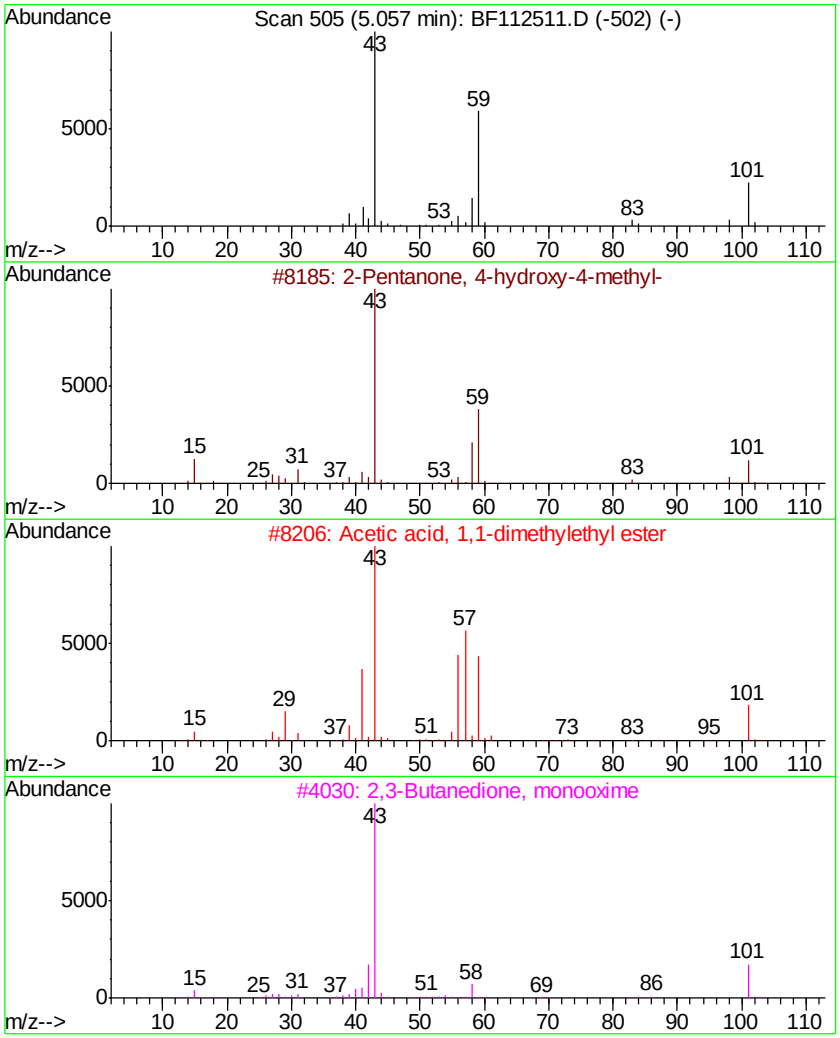
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

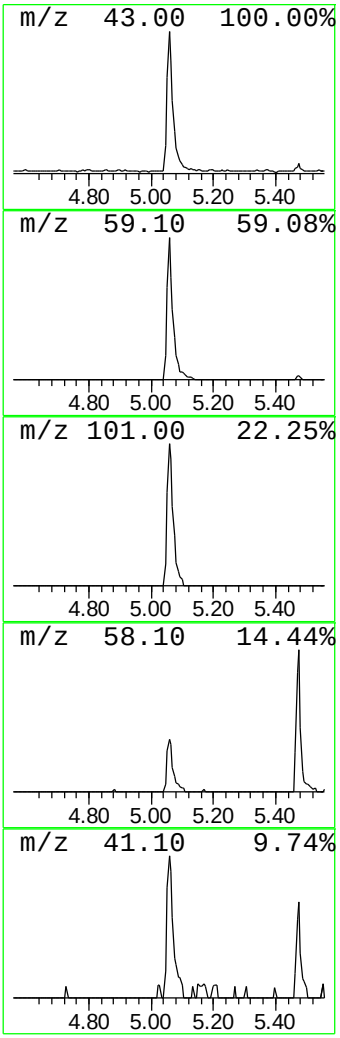
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.49 ng	136114	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

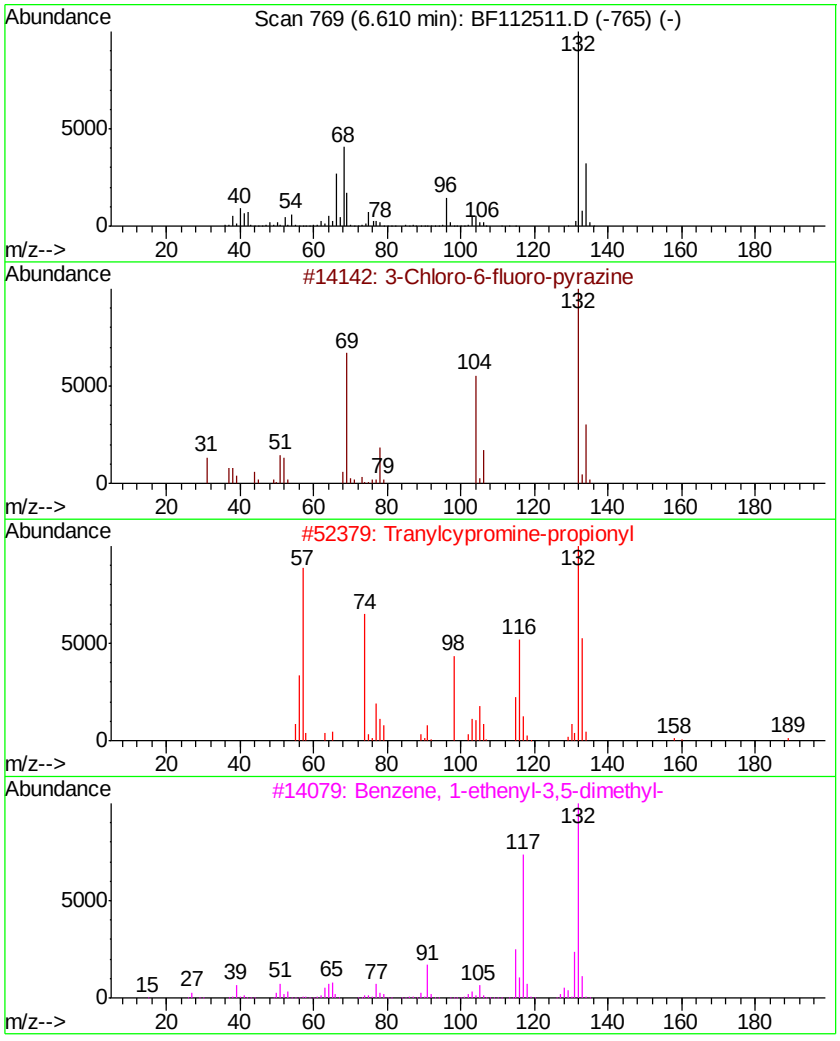
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

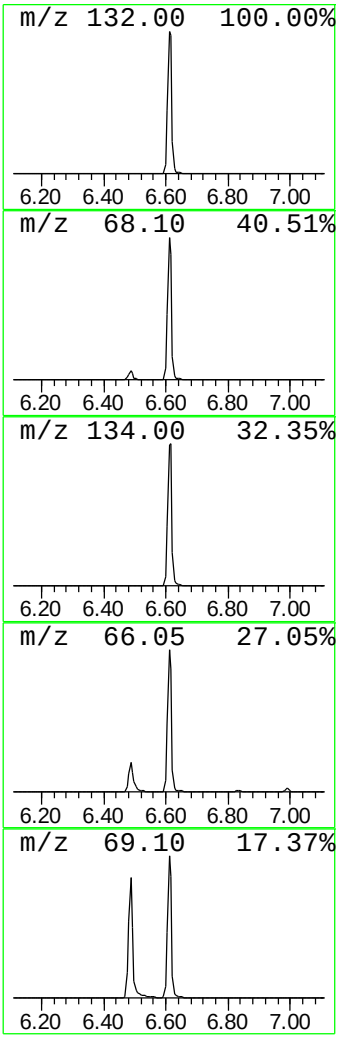
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.75 ng	2993960	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
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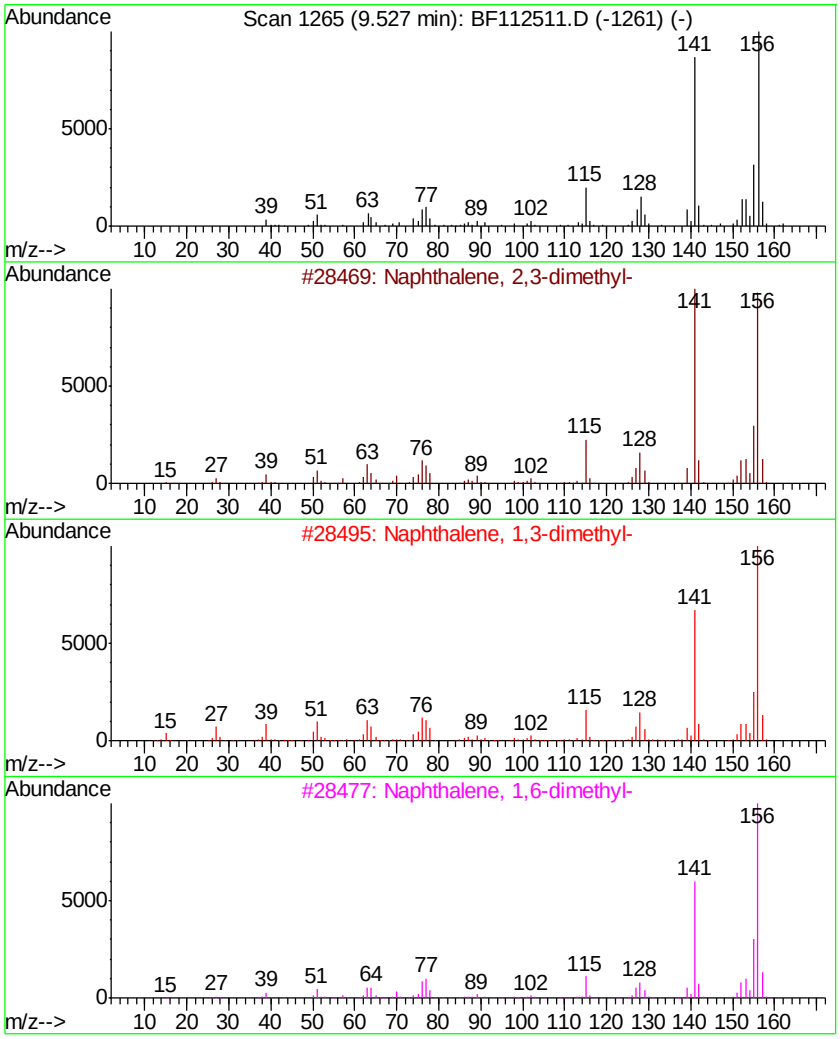
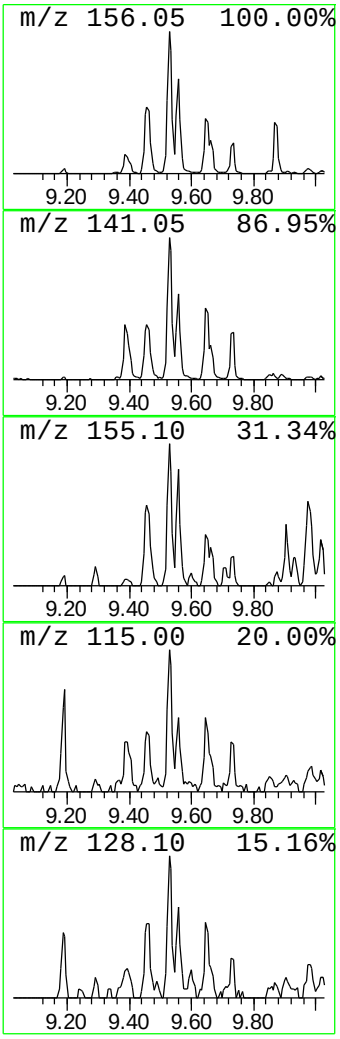
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.44 ng	205913	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
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Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

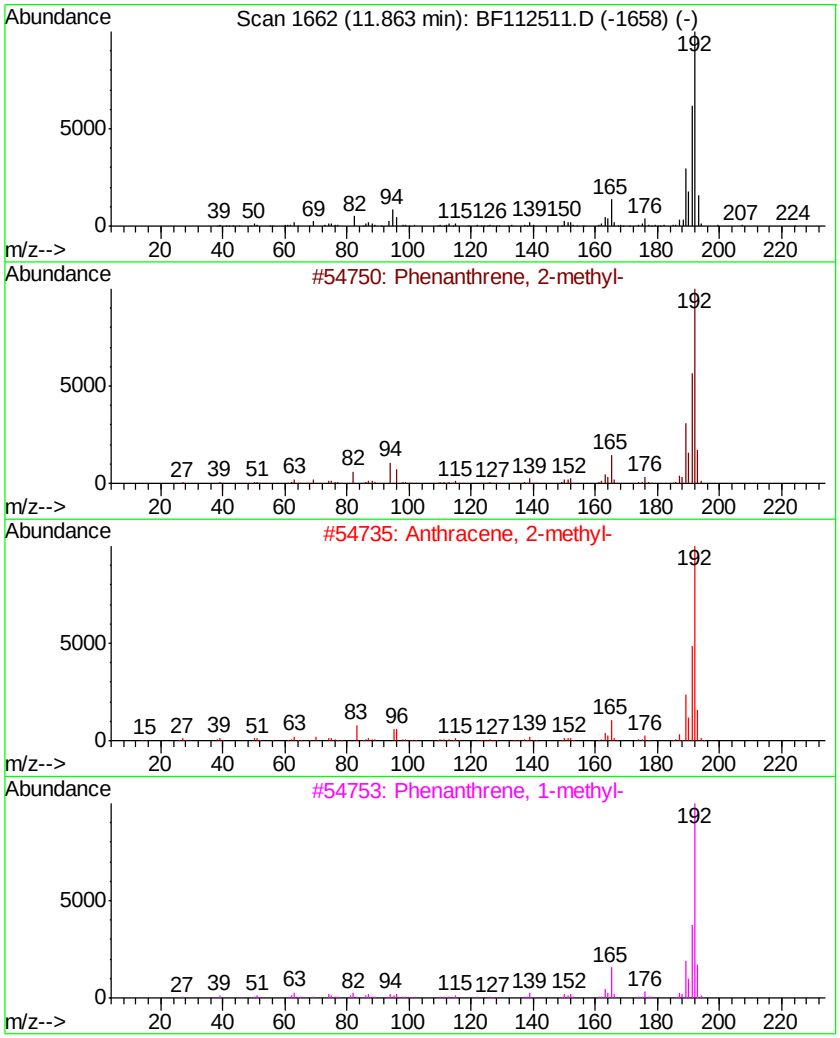
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

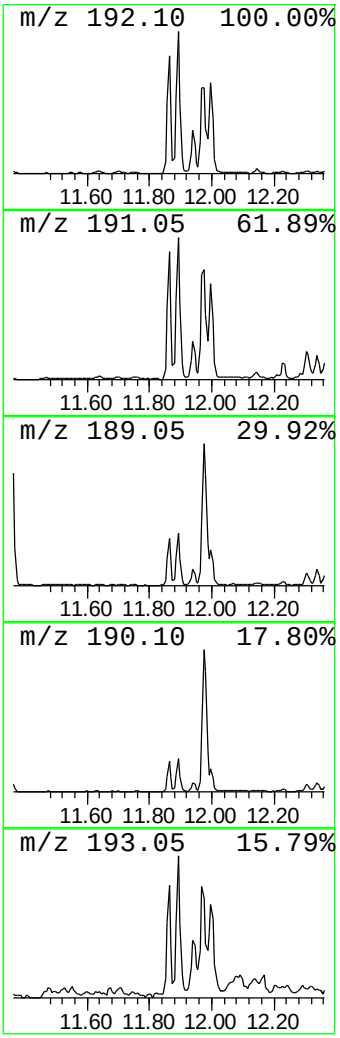
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.98 ng	278869	Phenanthrene-d10	11.36

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

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Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

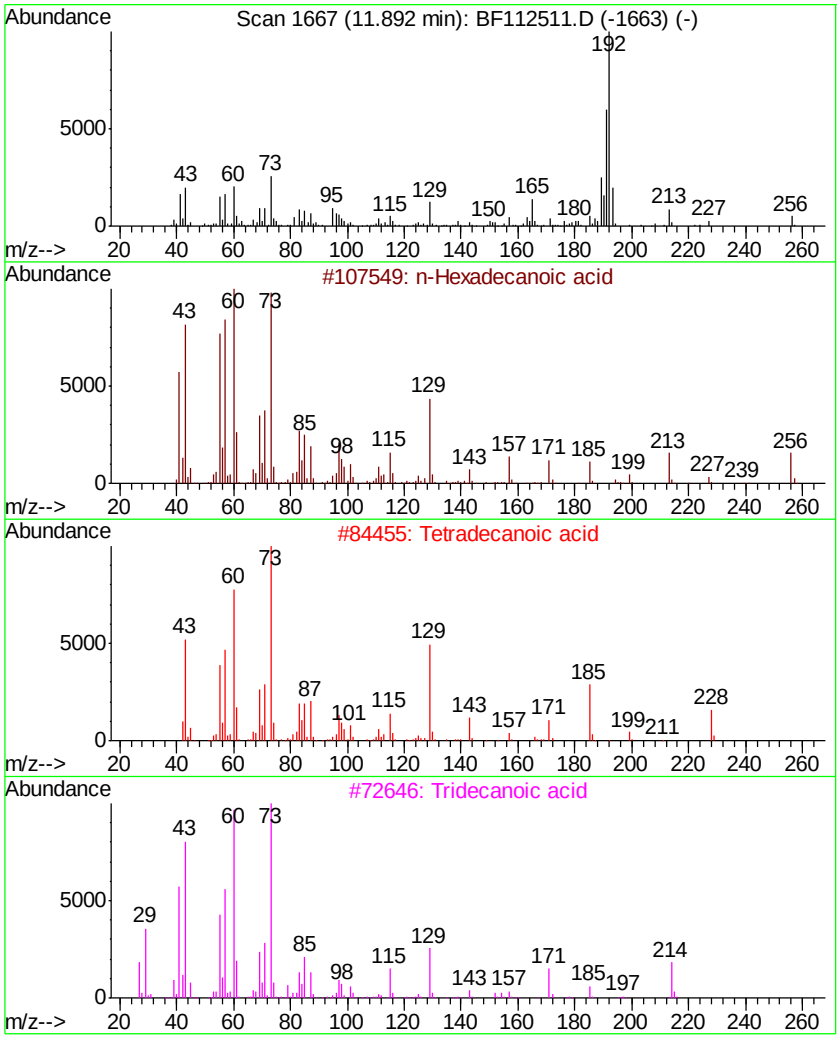
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

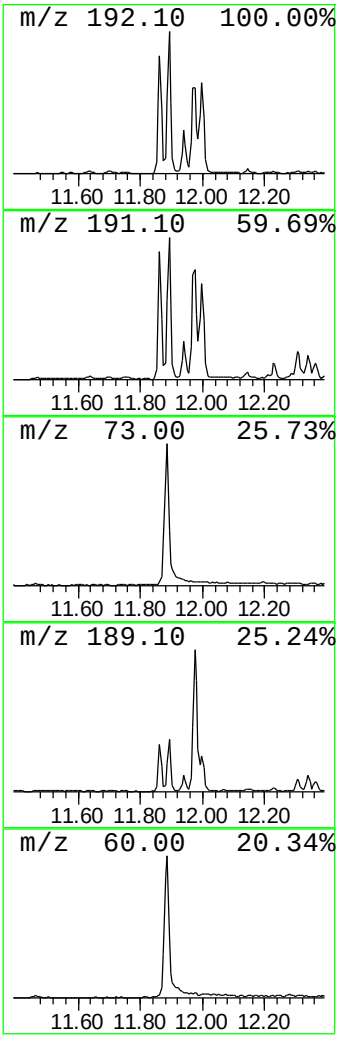
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	16.37 ng	916437	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Sample : K1461-01
Misc :
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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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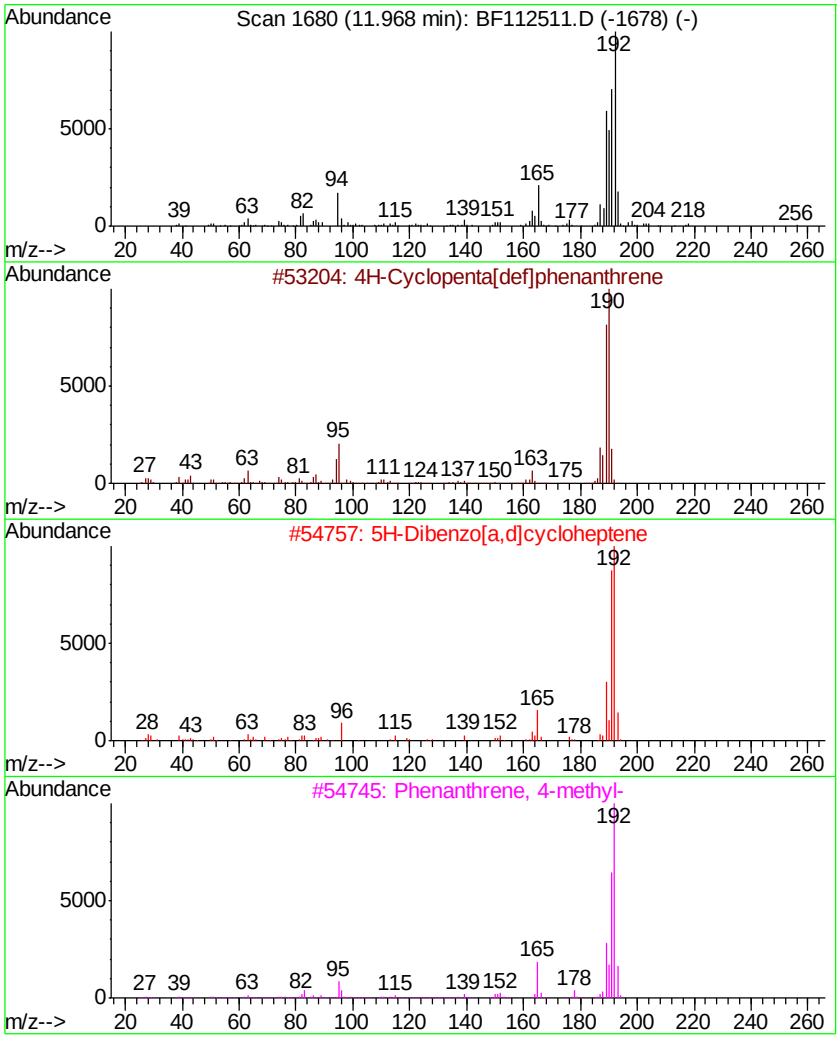
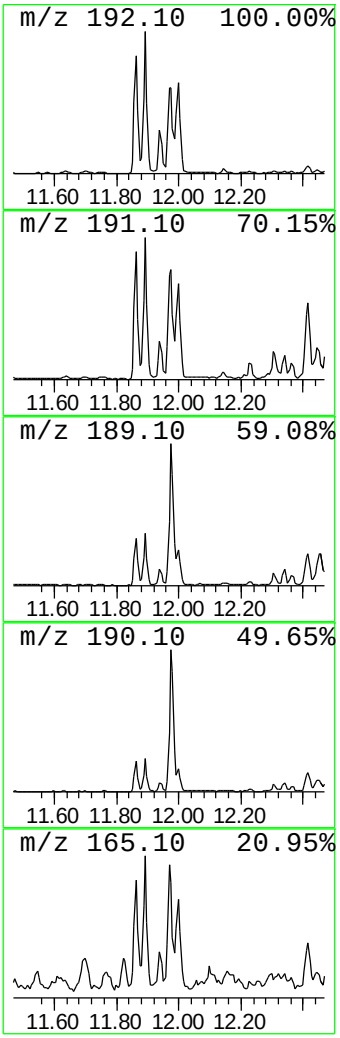
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.96 ng	501672	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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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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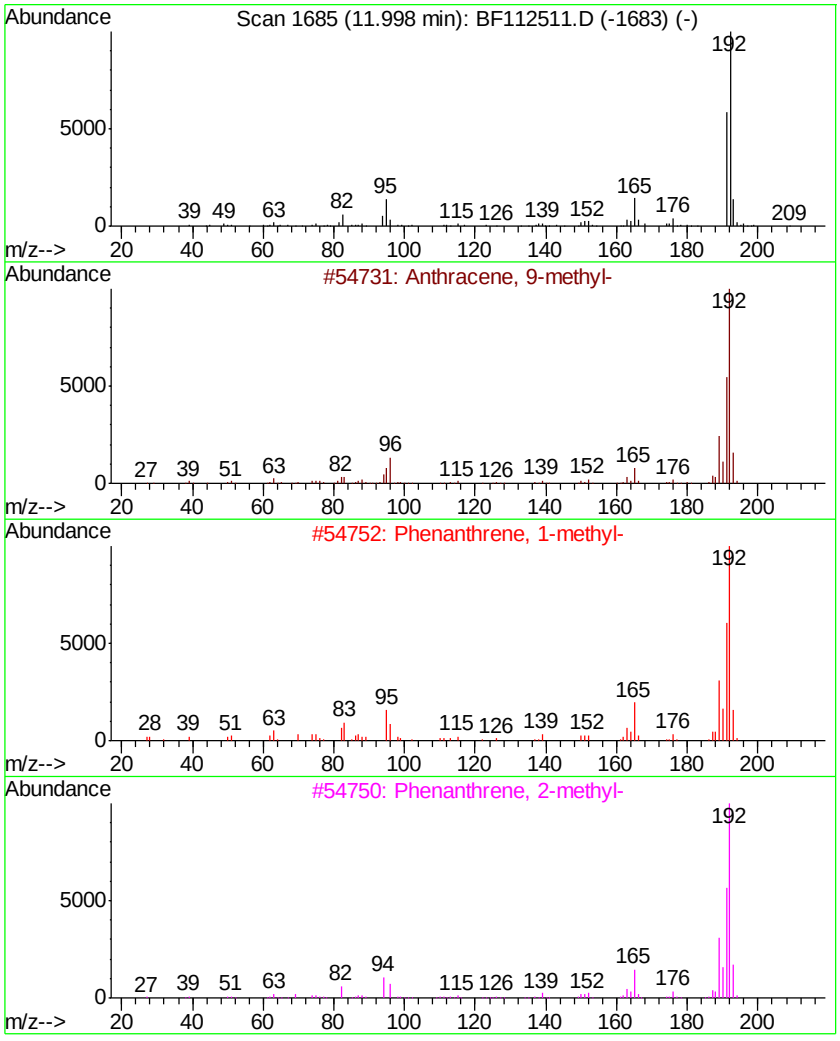
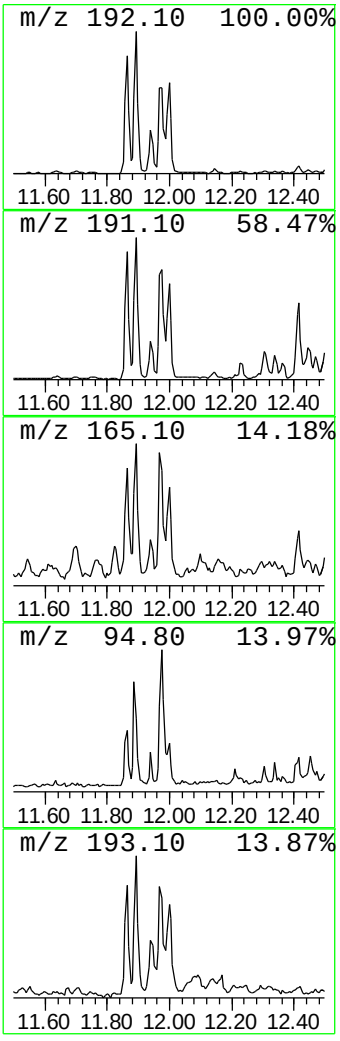
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.94 ng	220718	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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TIC Integration Parameters: LSCINT.P

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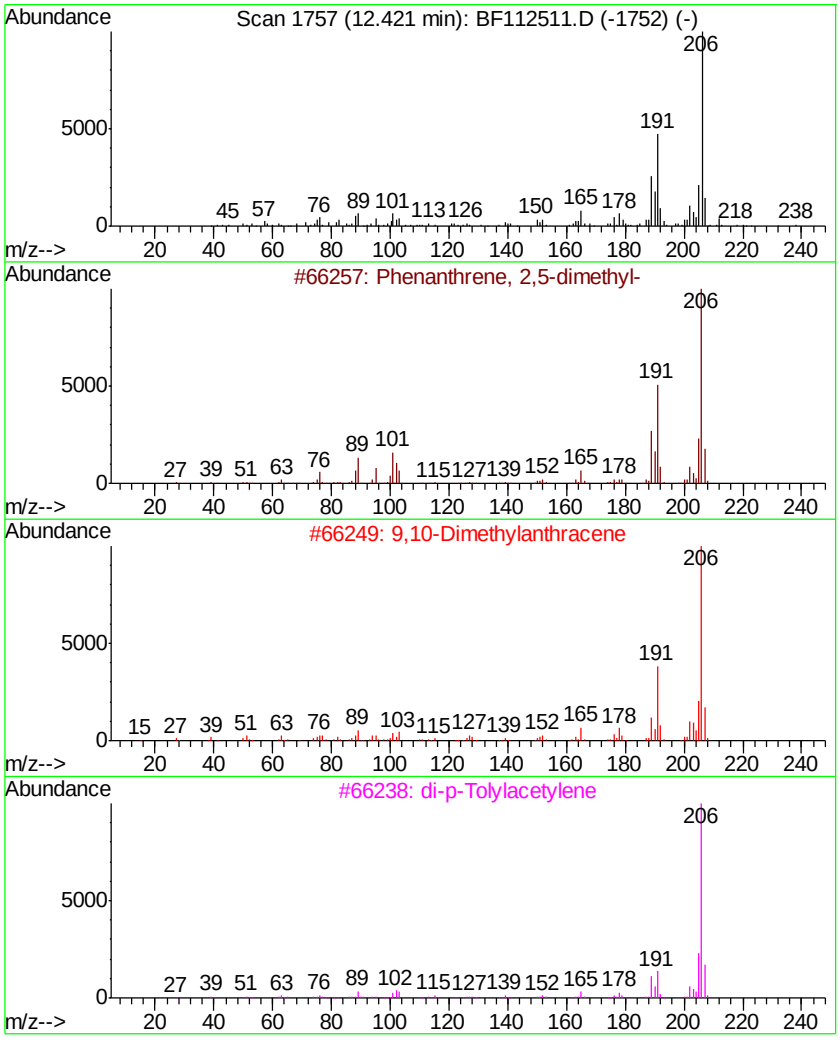
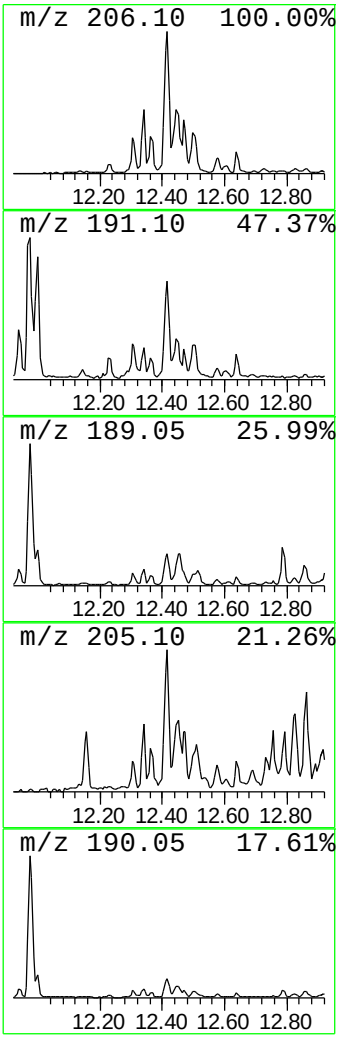
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.84 ng	326831	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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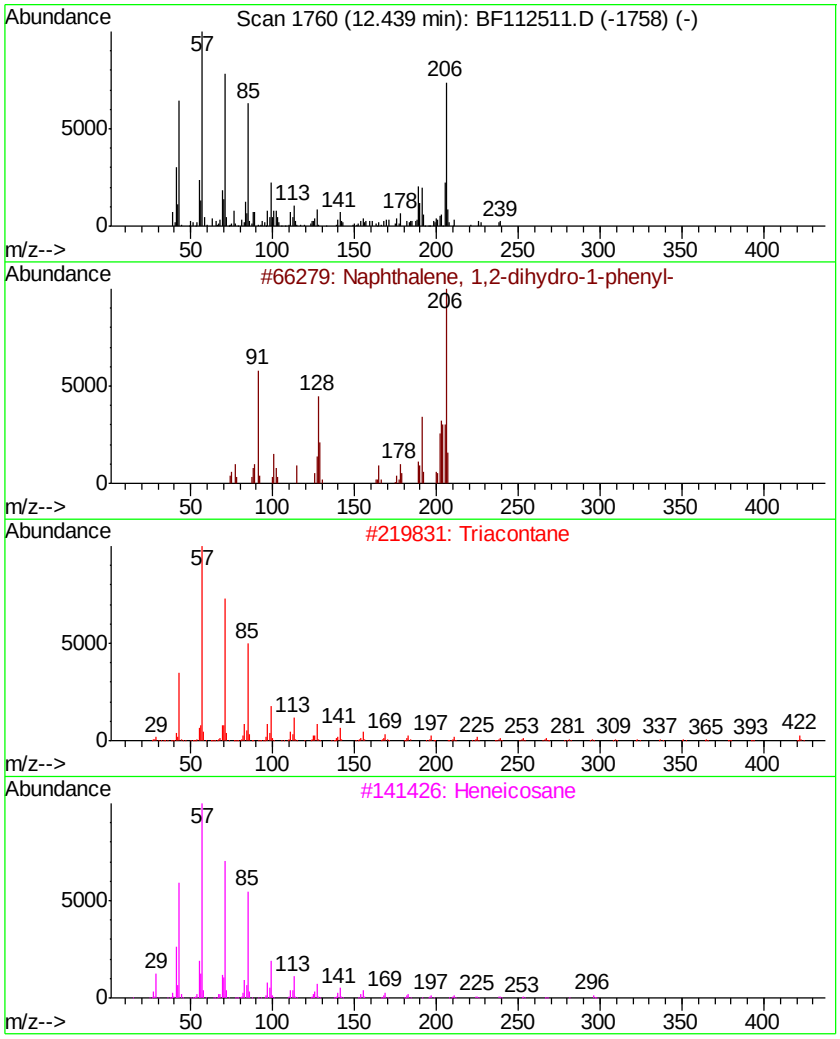
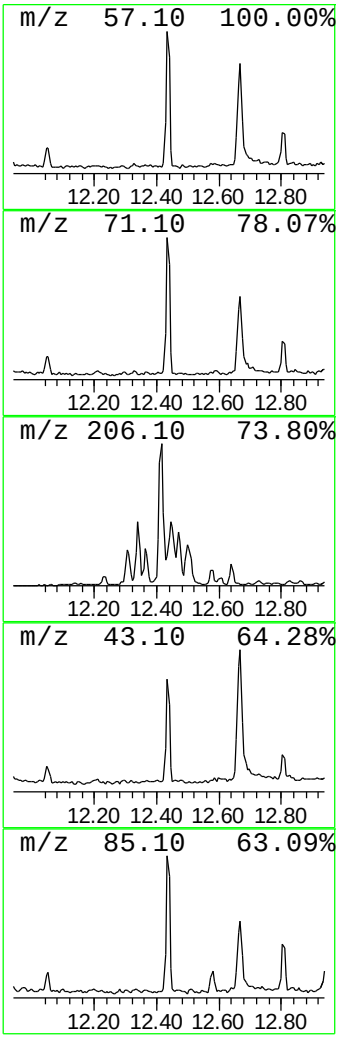
Peak Number 10 Naphthalene, 1,2-dihydro-1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.55 ng	311052	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	78
2	Triacontane	422	C30H62	000638-68-6	46
3	Heneicosane	296	C21H44	000629-94-7	46
4	Hexadecane	226	C16H34	000544-76-3	46
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	46





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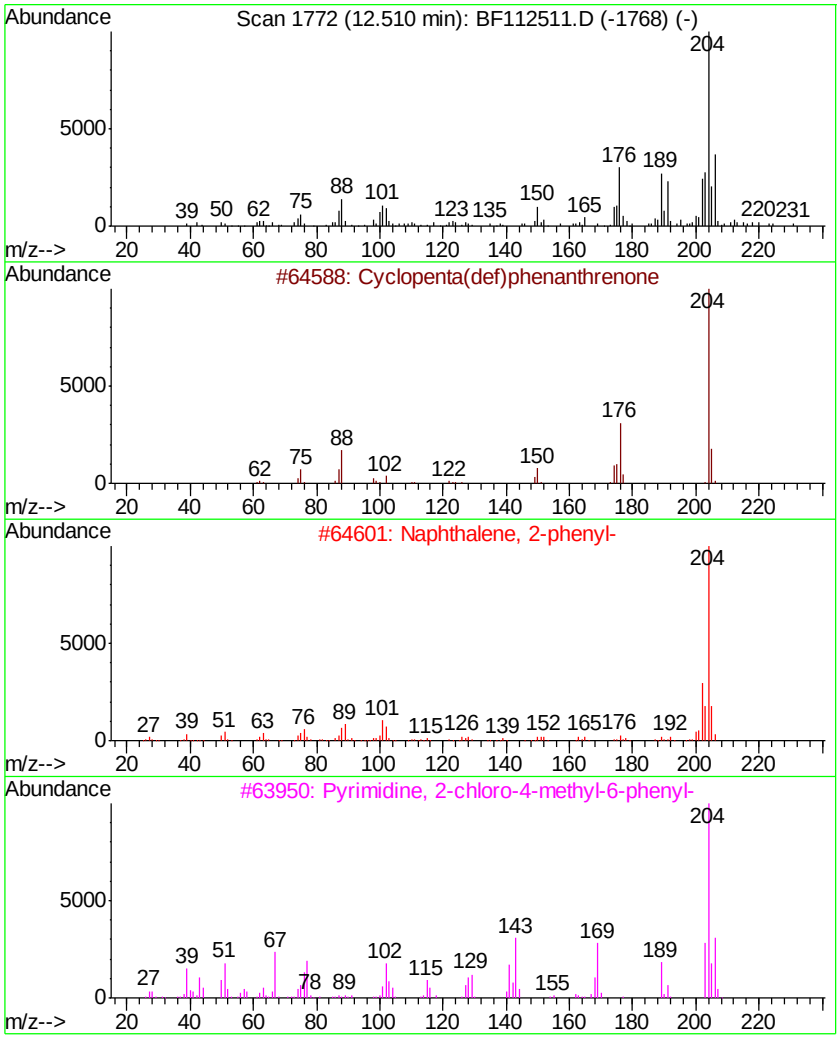
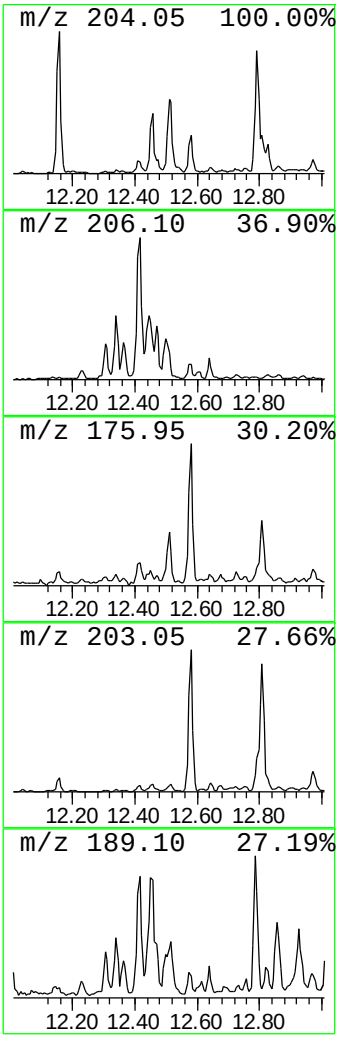
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.21 ng	179897	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46





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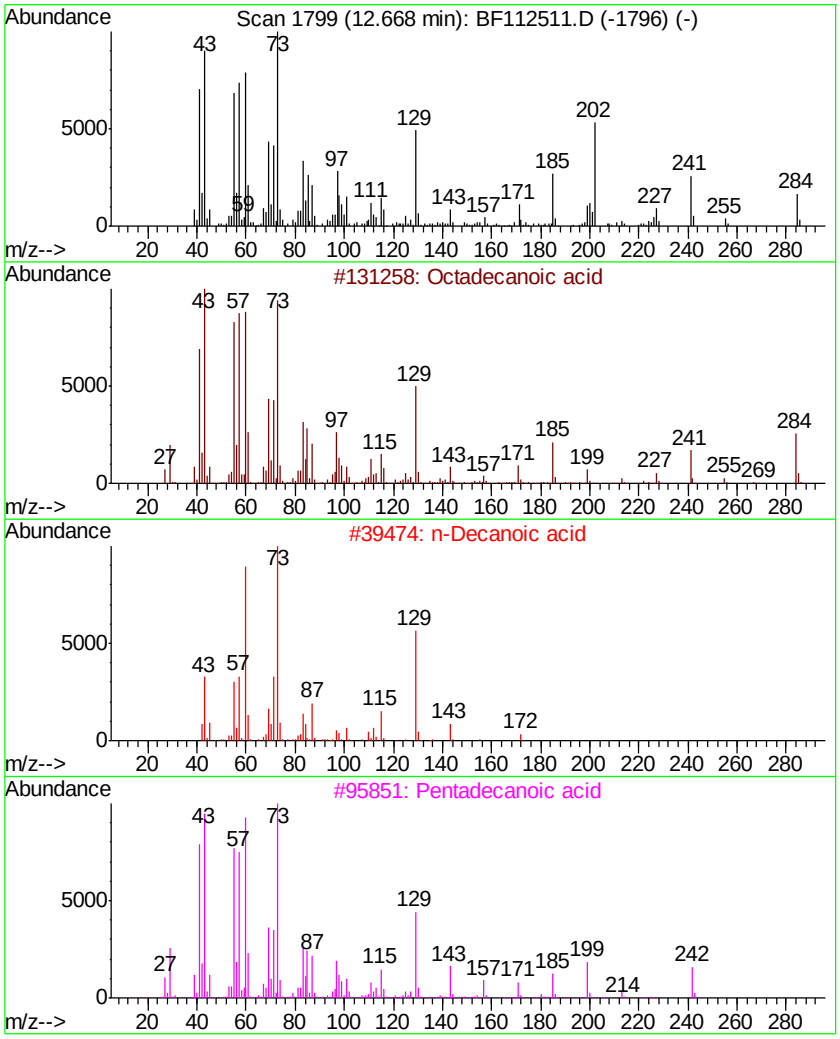
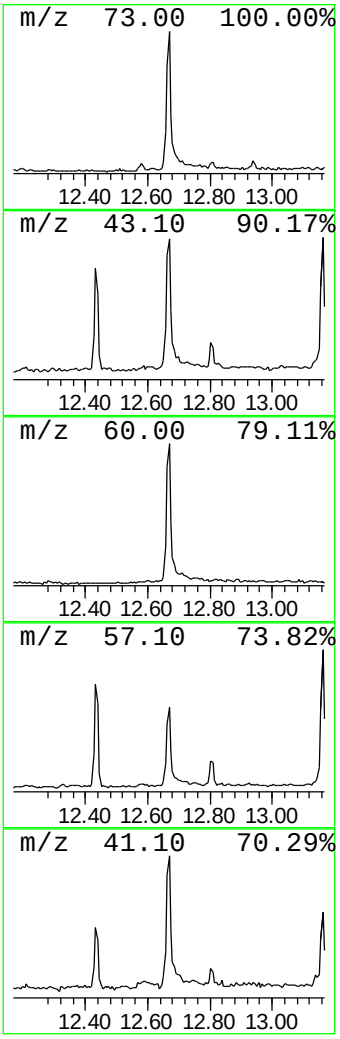
Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	9.22 ng	516282	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	76





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

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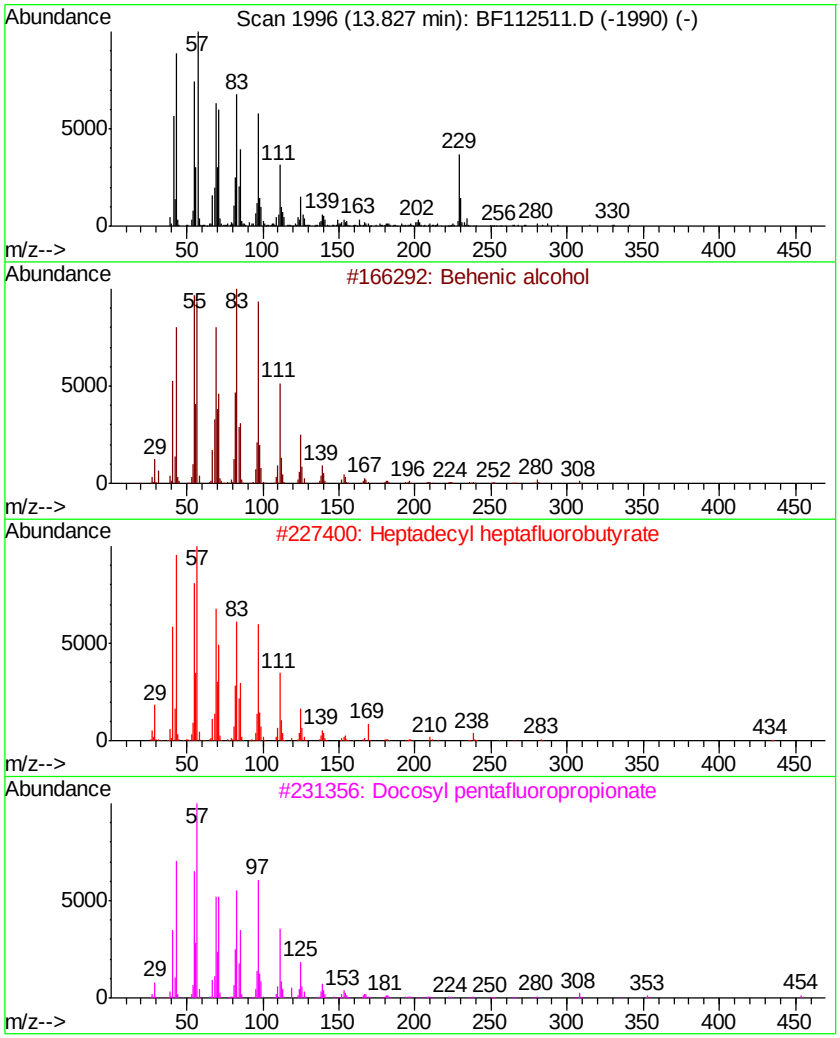
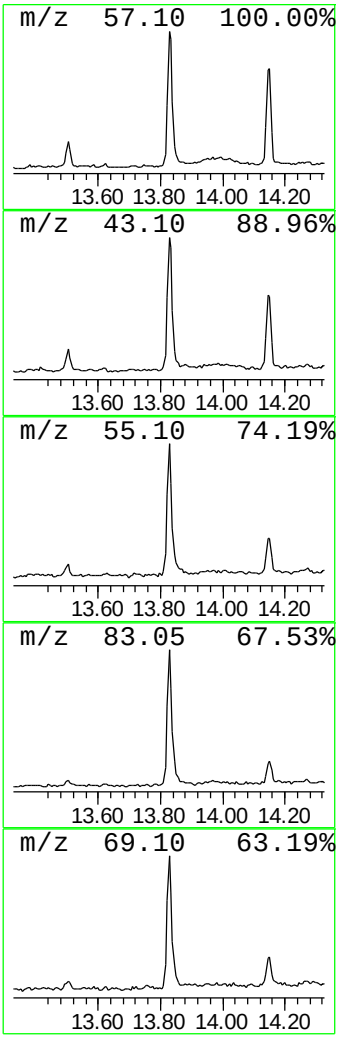
Peak Number 13 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	9.52 ng	987063	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87





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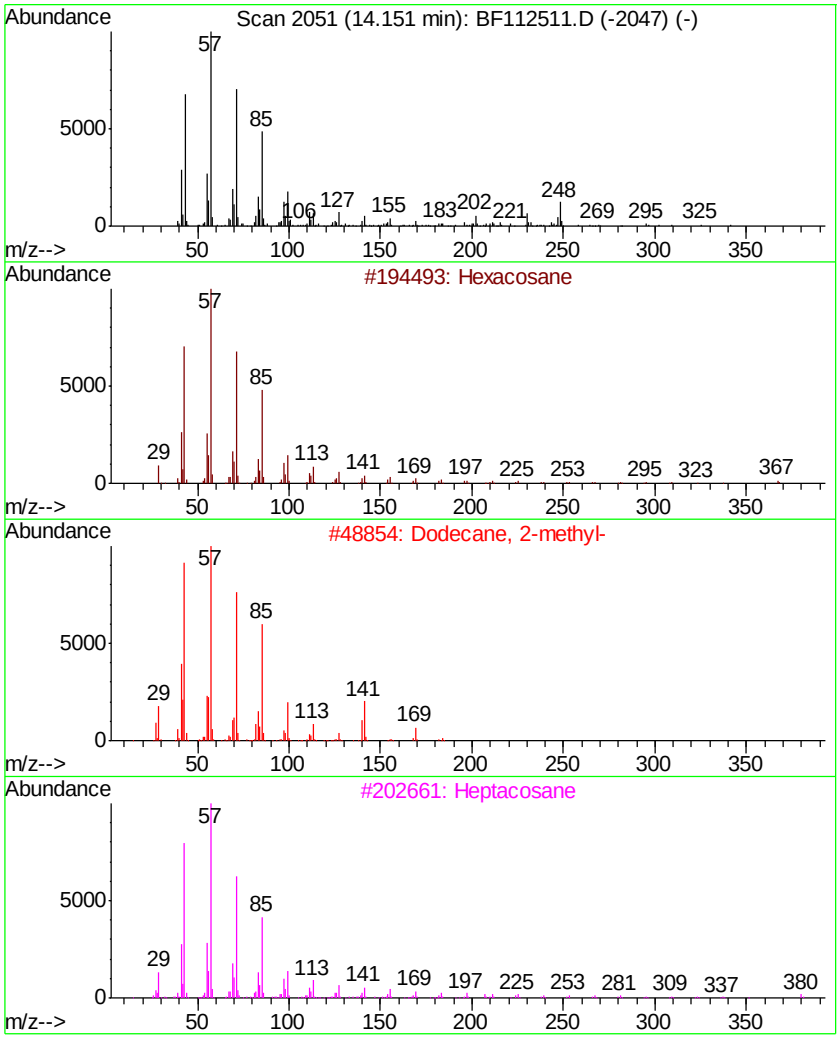
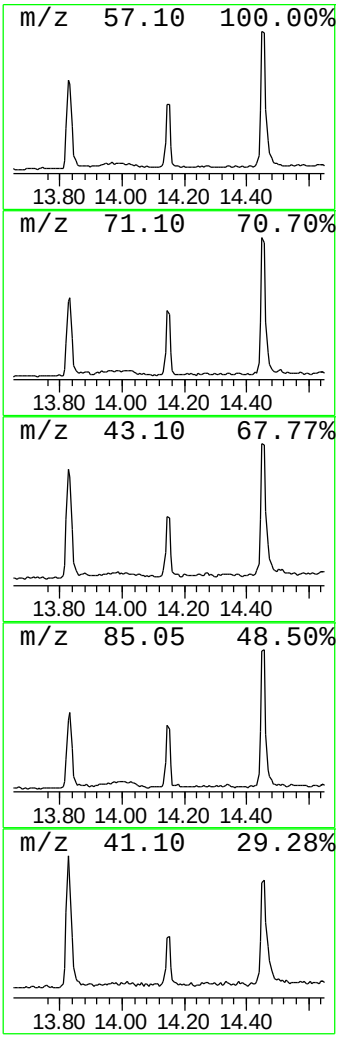
Peak Number 14 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	4.09 ng	424380	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	81
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
3	Heptacosane	380	C27H56	000593-49-7	81
4	Octacosane	394	C28H58	000630-02-4	74
5	Tetratetracontane	619	C44H90	007098-22-8	74





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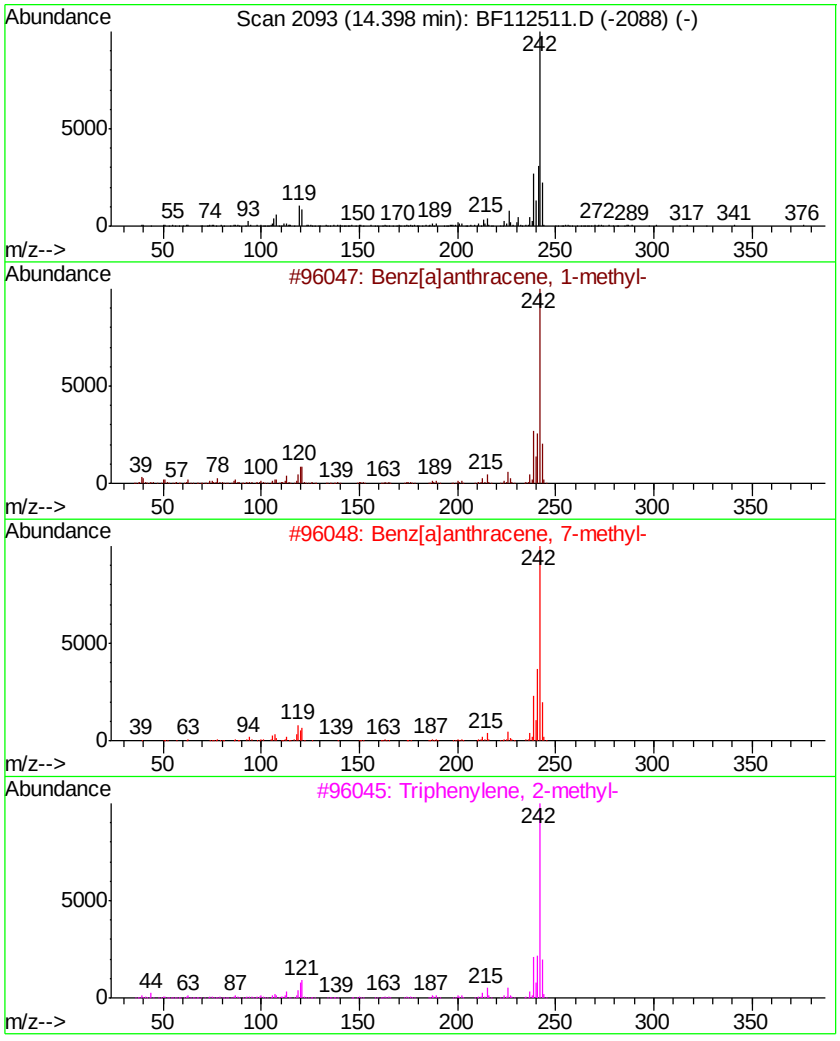
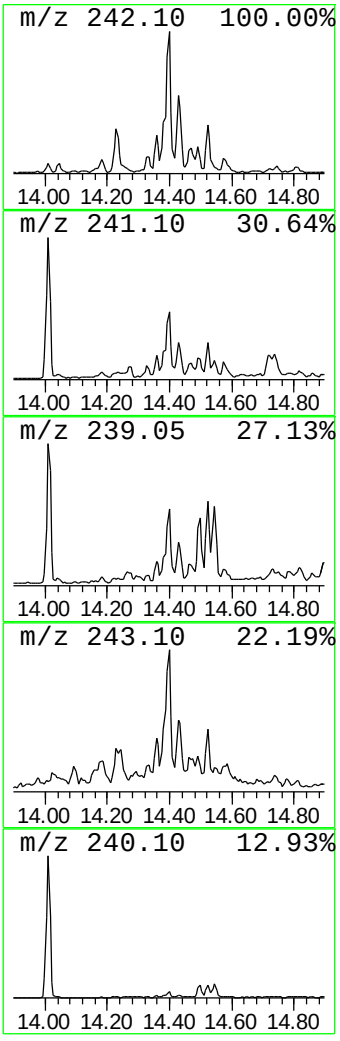
Peak Number 15 Benz[a]anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.40 ng	352613	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89





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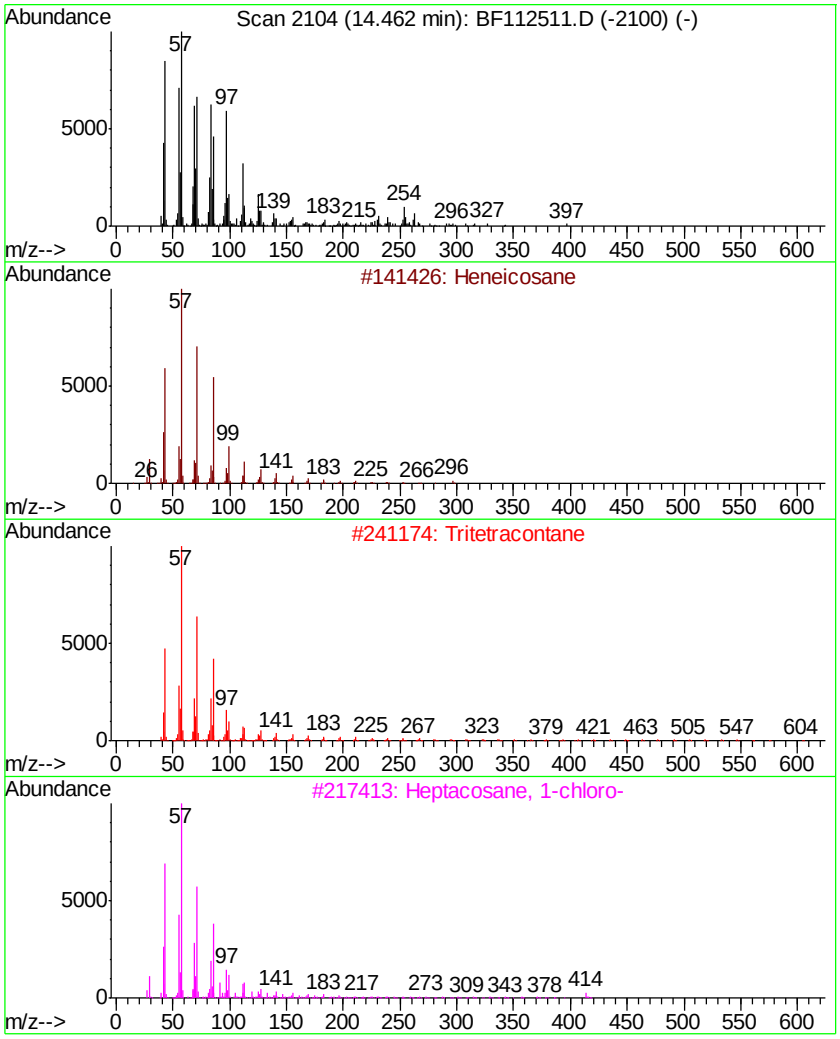
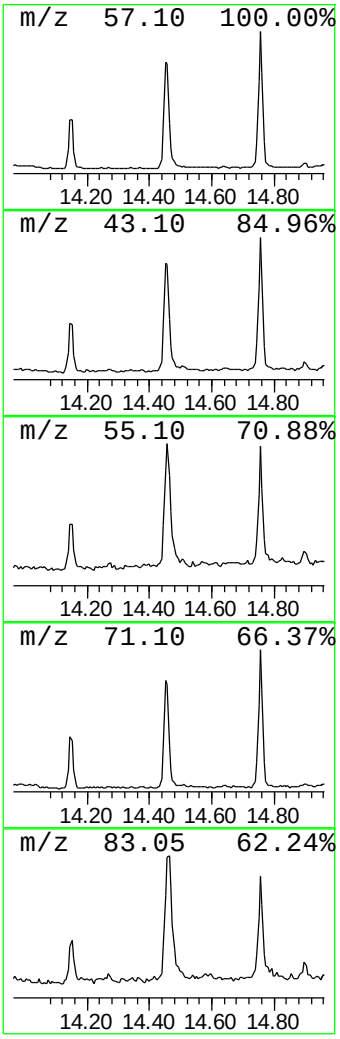
Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.77 ng	909462	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91





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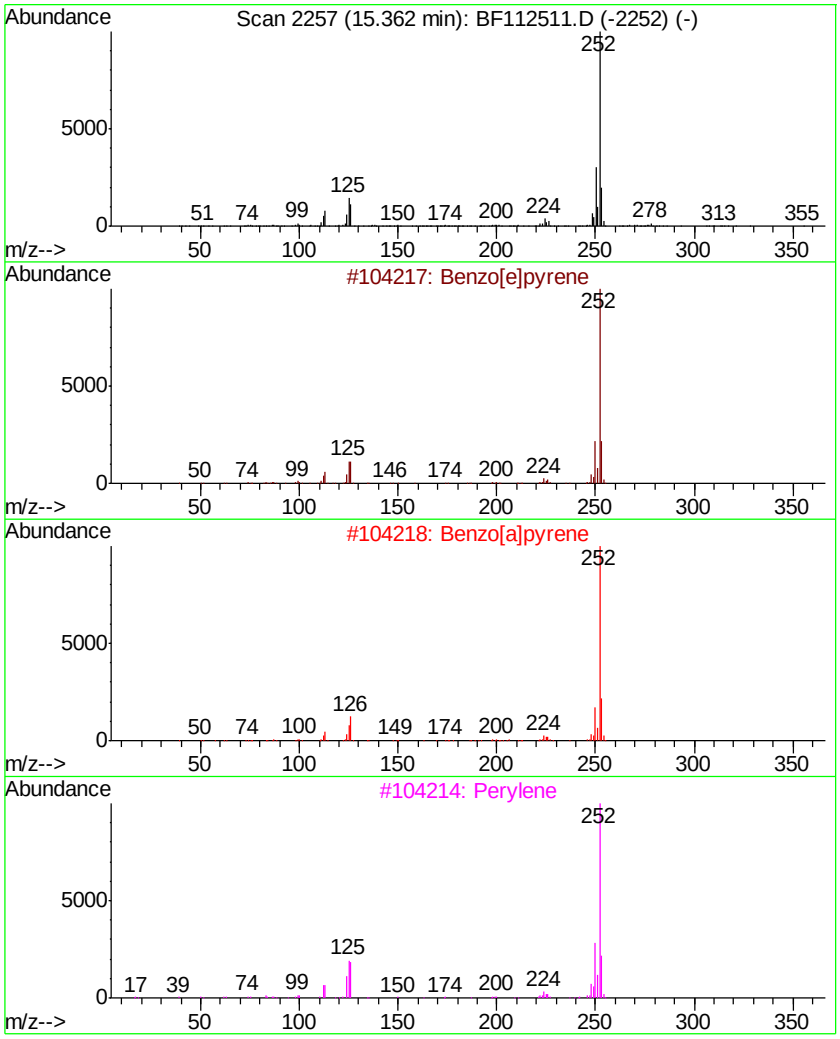
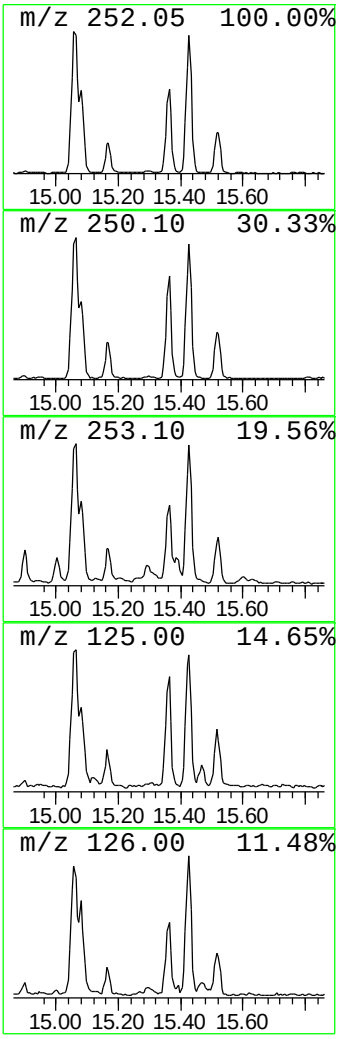
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	7.66 ng	744997	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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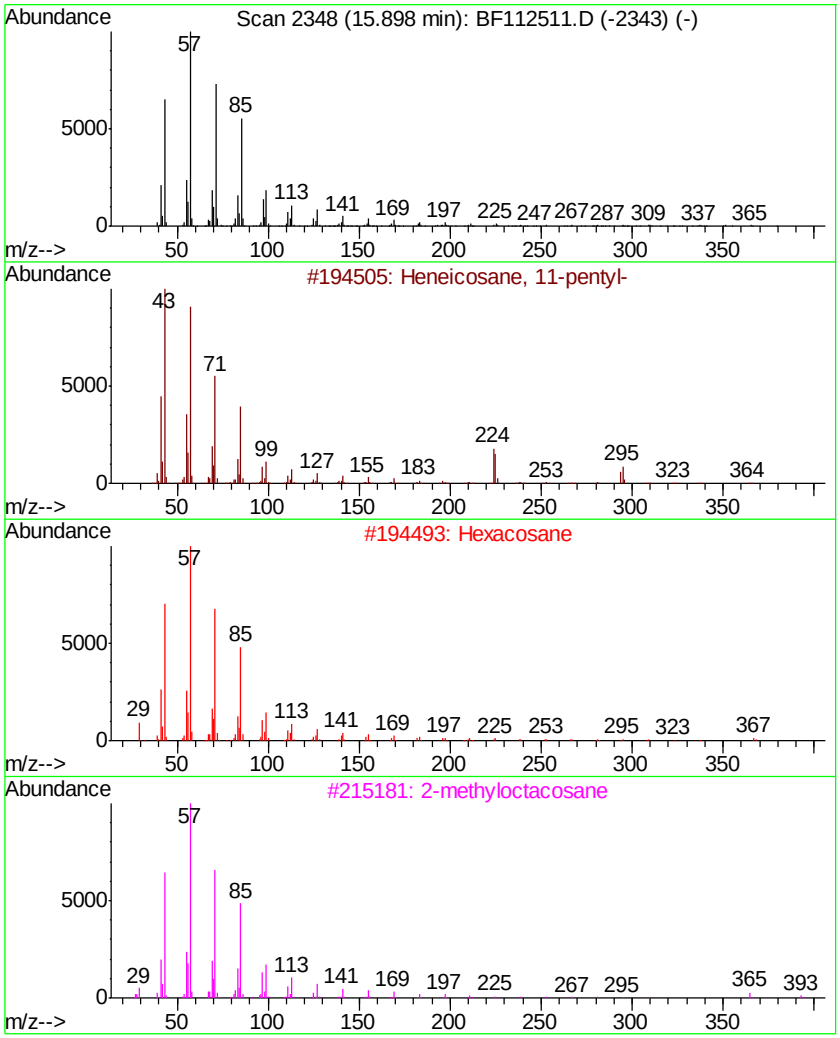
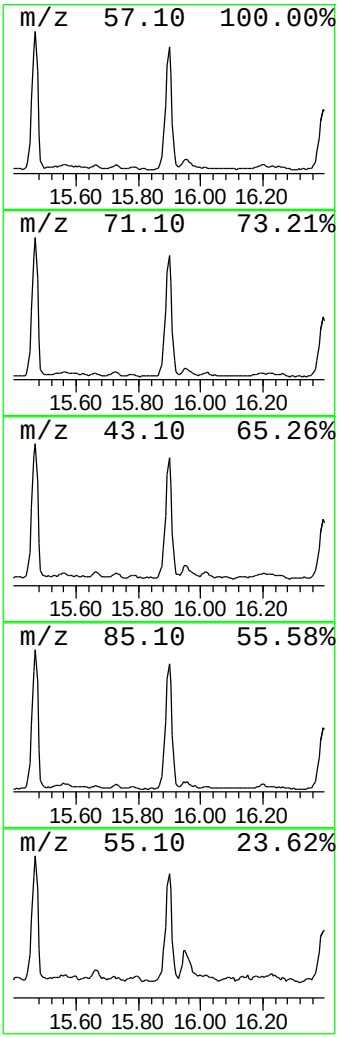
Peak Number 19 Heneicosane, 11-pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	11.15 ng	1084530	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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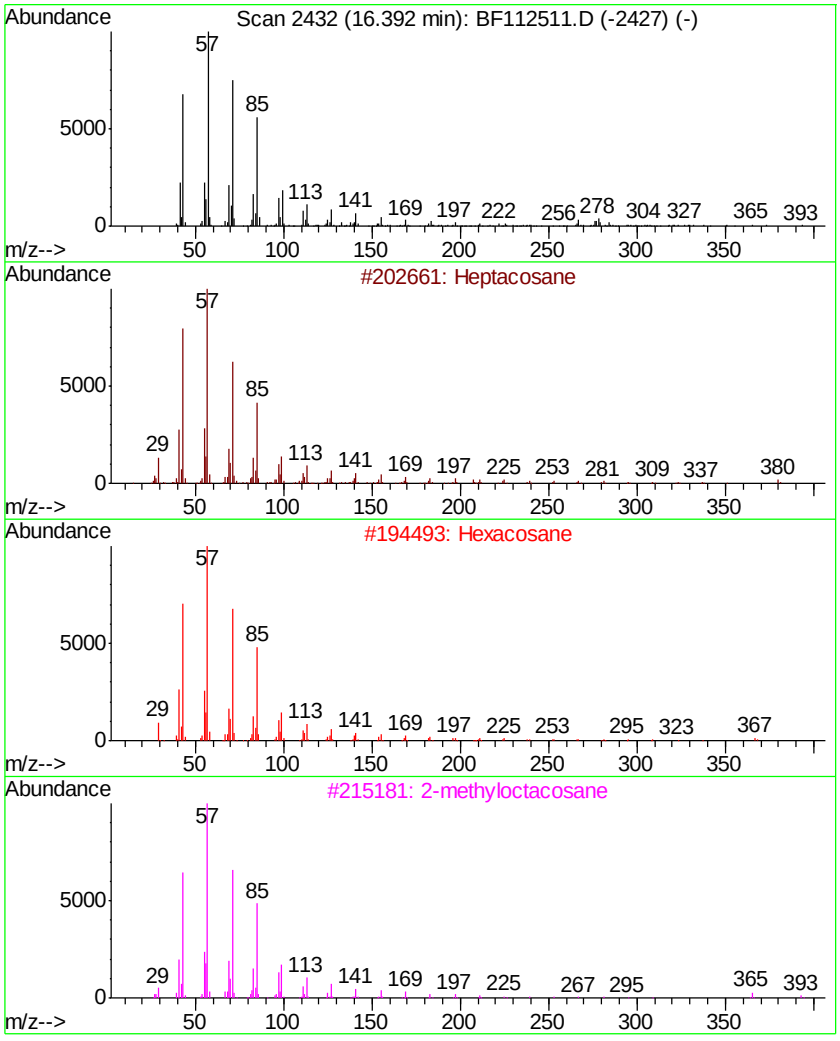
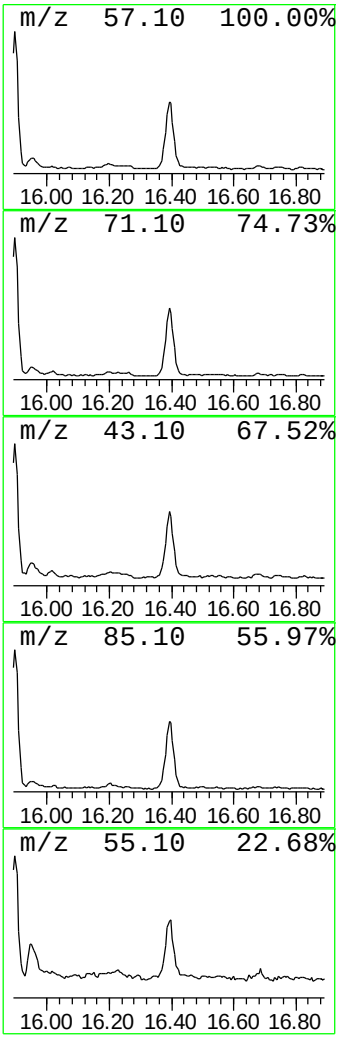
Peak Number 20 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	6.86 ng	667702	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112511.D
Acq On : 12 Feb 2019 15:17
Operator : JU/SJ
Sample : K1461-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	5.06	3.5	ng	136114	1	6.83	780172	20.0
unknown6.61	6.61	76.8	ng	2993960	1	6.83	780172	20.0
Naphthalene, 2,3-...	9.53	3.4	ng	205913	3	9.87	1195960	20.0
Phenanthrene, 2-m...	11.86	5.0	ng	278869	4	11.36	1119940	20.0
n-Hexadecanoic acid	11.89	16.4	ng	916437	4	11.36	1119940	20.0
4H-Cyclopenta[def...	11.97	9.0	ng	501672	4	11.36	1119940	20.0
Anthracene, 9-met...	12.00	3.9	ng	220718	4	11.36	1119940	20.0
Phenanthrene, 2,5...	12.42	5.8	ng	326831	4	11.36	1119940	20.0
Naphthalene, 1,2-...	12.44	5.5	ng	311052	4	11.36	1119940	20.0
Cyclopenta(def)ph...	12.51	3.2	ng	179897	4	11.36	1119940	20.0
Octadecanoic acid	12.67	9.2	ng	516282	4	11.36	1119940	20.0
Behenic alcohol	13.83	9.5	ng	987063	5	14.01	2074200	20.0
Hexacosane	14.15	4.1	ng	424380	5	14.01	2074200	20.0
Benz[a]anthracene...	14.40	3.4	ng	352613	5	14.01	2074200	20.0
Heneicosane	14.46	8.8	ng	909462	5	14.01	2074200	20.0
Benzo[e]pyrene	15.36	7.7	ng	744997	6	15.49	1945750	20.0
Heneicosane, 11-p...	15.90	11.2	ng	1084530	6	15.49	1945750	20.0
Heptacosane	16.39	6.9	ng	667702	6	15.49	1945750	20.0