LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114237.D
Acq On : 13 May 2019 18:52
Operator : JU/SJ
Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

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-BF051019.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	2.122	3	6	13	rVB	1250721	1535849	24.78%	1.723%
2	5.081	506	509	514	rVB	65265	80259	1.30%	0.090%
3	5.498	575	580	583	rBV	5773971	5673869	91.56%	6.365%
4	6.510	747	752	755	rBV	5504463	6196917	100.00%	6.952%
5	6.634	769	773	777	rBV	5816235	5969367	96.33%	6.696%
6	6.857	807	811	814	rBV	1760758	1483087	23.93%	1.664%
7	7.016	833	838	841	rBV	5180446	4591887	74.10%	5.151%
8	7.416	901	906	910	rBV	3863134	4057273	65.47%	4.551%
9	8.134	1025	1028	1031	rBV	1920591	1844434	29.76%	2.069%
10	8.157	1031	1032	1047	rVB	380583	308143	4.97%	0.346%
11	8.781	1133	1138	1144	rVV	50438	77379	1.25%	0.087%
12	8.851	1146	1150	1156	rVB	219989	202785	3.27%	0.227%
13	8.945	1163	1166	1170	rBV	141366	124261	2.01%	0.139%
14	9.210	1207	1211	1214	rBV	6495242	5752682	92.83%	6.453%
15	9.310	1226	1228	1233	rVB	109770	101692	1.64%	0.114%
16	9.480	1253	1257	1260	rBV2	67948	88004	1.42%	0.099%
17	9.551	1265	1269	1271	rBV	116404	136530	2.20%	0.153%
18	9.604	1275	1278	1286	rVV	931807	899376	14.51%	1.009%
19	9.669	1286	1289	1299	rVB2	59327	95275	1.54%	0.107%
20	9.751	1299	1303	1306	rBV	514841	429545	6.93%	0.482%
21	9.892	1323	1327	1331	rVB	2224048	1926626	31.09%	2.161%
22	10.092	1358	1361	1365	rVB	81074	77195	1.25%	0.087%
23	10.204	1377	1380	1383	rBV2	54047	68115	1.10%	0.076%
24	10.345	1401	1404	1406	rBV	87703	64724	1.04%	0.073%
25	10.451	1417	1422	1427	rVB3	69153	116882	1.89%	0.131%
26	10.545	1432	1438	1442	rVV3	59904	100204	1.62%	0.112%
27	10.686	1457	1462	1465	rBV	3664714	3821173	61.66%	4.287%
28	10.804	1477	1482	1485	rBV2	151264	210720	3.40%	0.236%
29	10.986	1509	1513	1516	rBV6	57728	93274	1.51%	0.105%
30	11.139	1536	1539	1542	rVB	86474	76773	1.24%	0.086%
31	11.180	1543	1546	1549	rBV	155904	138473	2.23%	0.155%
32	11.233	1552	1555	1558	rBV2	86749	82934	1.34%	0.093%
33	11.275	1558	1562	1567	rVB2	163264	195141	3.15%	0.219%
34	11.322	1567	1570	1574	rBV4	70156	98729	1.59%	0.111%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.374	1576	1579	1582	rBV	2015921	2111181	34.07%	2.368%
36	11.398	1582	1583	1590	rVV	1610954	1301463	21.00%	1.460%
37	11.451	1590	1592	1595	rVB	265115	205621	3.32%	0.231%
38	11.480	1595	1597	1601	rBV2	99515	111477	1.80%	0.125%
39	11.669	1623	1629	1632	rVB3	239097	296726	4.79%	0.333%
40	11.710	1633	1636	1639	rBV2	156310	137420	2.22%	0.154%
41	11.833	1653	1657	1661	rBV2	98506	136068	2.20%	0.153%
42	11.880	1661	1665	1666	rVV	546139	484666	7.82%	0.544%
43	11.904	1666	1669	1675	rVV2	1323746	1388924	22.41%	1.558%
44	11.957	1675	1678	1680	rVV	127494	147165	2.37%	0.165%
45	11.986	1680	1683	1686	rVV2	723566	804652	12.98%	0.903%
46	12.010	1686	1687	1691	rVV	431486	349002	5.63%	0.392%
47	12.069	1692	1697	1702	rVV4	144460	233390	3.77%	0.262%
48	12.110	1702	1704	1707	rVV	117442	108593	1.75%	0.122%
49	12.169	1711	1714	1717	rVV	438927	452725	7.31%	0.508%
50	12.198	1717	1719	1725	rVB2	431899	468540	7.56%	0.526%
51	12.304	1734	1737	1738	rBV2	87554	79512	1.28%	0.089%
52	12.321	1738	1740	1743	rVV	140558	140851	2.27%	0.158%
53	12.357	1743	1746	1748	rVV	150591	147216	2.38%	0.165%
54	12.380	1748	1750	1752	rVB	121100	90515	1.46%	0.102%
55	12.427	1752	1758	1761	rBV	485599	643628	10.39%	0.722%
56	12.457	1761	1763	1766	rVV4	294665	375623	6.06%	0.421%
57	12.486	1766	1768	1770	rVB	163995	116077	1.87%	0.130%
58	12.516	1770	1773	1777	rBV	398989	426278	6.88%	0.478%
59	12.592	1782	1786	1790	rVV	2269447	2001104	32.29%	2.245%
60	12.633	1790	1793	1795	rVV	171357	170892	2.76%	0.192%
61	12.657	1795	1797	1799	rVV	121190	111607	1.80%	0.125%
62	12.686	1799	1802	1805	rVV	513079	465914	7.52%	0.523%
63	12.721	1805	1808	1810	rVV2	198088	206516	3.33%	0.232%
64	12.763	1810	1815	1820	rVV4	157266	345139	5.57%	0.387%
65	12.821	1820	1825	1831	rVV	3272665	3336523	53.84%	3.743%
66	12.880	1831	1835	1838	rVB3	145576	181401	2.93%	0.203%
67	12.957	1844	1848	1852	rBV	4123517	4114908	66.40%	4.616%
68	13.039	1858	1862	1869	rBV3	393490	634429	10.24%	0.712%
69	13.092	1869	1871	1873	rBV3	105348	101338	1.64%	0.114%
70	13.133	1874	1878	1879	rBV3	328736	451553	7.29%	0.507%
71	13.216	1890	1892	1895	rVV2	154246	121826	1.97%	0.137%

LSC Area Percent Report

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Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.251	1895	1898	1903	rVB	508682	498148	8.04%	0.559%
73	13.345	1911	1914	1917	rBV	481996	389305	6.28%	0.437%
74	13.374	1917	1919	1923	rVB	392155	344894	5.57%	0.387%
75	13.433	1926	1929	1931	rBV	94184	78159	1.26%	0.088%
76	13.463	1932	1934	1937	rBV3	84510	101280	1.63%	0.114%
77	13.521	1942	1944	1951	rVB6	142231	311915	5.03%	0.350%
78	13.657	1965	1967	1971	rVB	340568	341383	5.51%	0.383%
79	13.768	1984	1986	1989	rVB	365497	329139	5.31%	0.369%
80	13.798	1989	1991	1993	rVB	389713	306971	4.95%	0.344%
81	13.821	1993	1995	1998	rBV	247257	224609	3.62%	0.252%
82	13.851	1998	2000	2007	rVB2	1137777	1448690	23.38%	1.625%
83	14.027	2025	2030	2032	rBV2	1937061	2883042	46.52%	3.234%
84	14.057	2032	2035	2038	rVB	1402360	1373668	22.17%	1.541%
85	14.115	2043	2045	2049	rBV4	122913	162374	2.62%	0.182%
86	14.180	2053	2056	2065	rVB2	527235	666749	10.76%	0.748%
87	14.427	2093	2098	2101	rBV	400714	431772	6.97%	0.484%
88	14.463	2101	2104	2107	rBV2	211459	244409	3.94%	0.274%
89	14.510	2108	2112	2117	rVB3	683967	965638	15.58%	1.083%
90	14.557	2117	2120	2122	rBV2	230818	208911	3.37%	0.234%
91	14.627	2130	2132	2135	rVB	232297	197872	3.19%	0.222%
92	14.892	2174	2177	2180	rVB	366644	357347	5.77%	0.401%
93	15.098	2207	2212	2215	rBV	1141292	1778165	28.69%	1.995%
94	15.151	2218	2221	2224	rVB2	302292	277227	4.47%	0.311%
95	15.398	2259	2263	2268	rBV	952811	1257466	20.29%	1.411%
96	15.462	2270	2274	2279	rBV2	1033815	1216480	19.63%	1.365%
97	15.527	2280	2285	2288	rBV	1184066	1476709	23.83%	1.657%
98	15.968	2357	2360	2365	rVB	271493	356353	5.75%	0.400%
99	17.009	2532	2537	2544	rVB	353630	634201	10.23%	0.711%
100	17.462	2610	2614	2620	rVB	315916	560313	9.04%	0.629%

Sum of corrected areas: 89143229

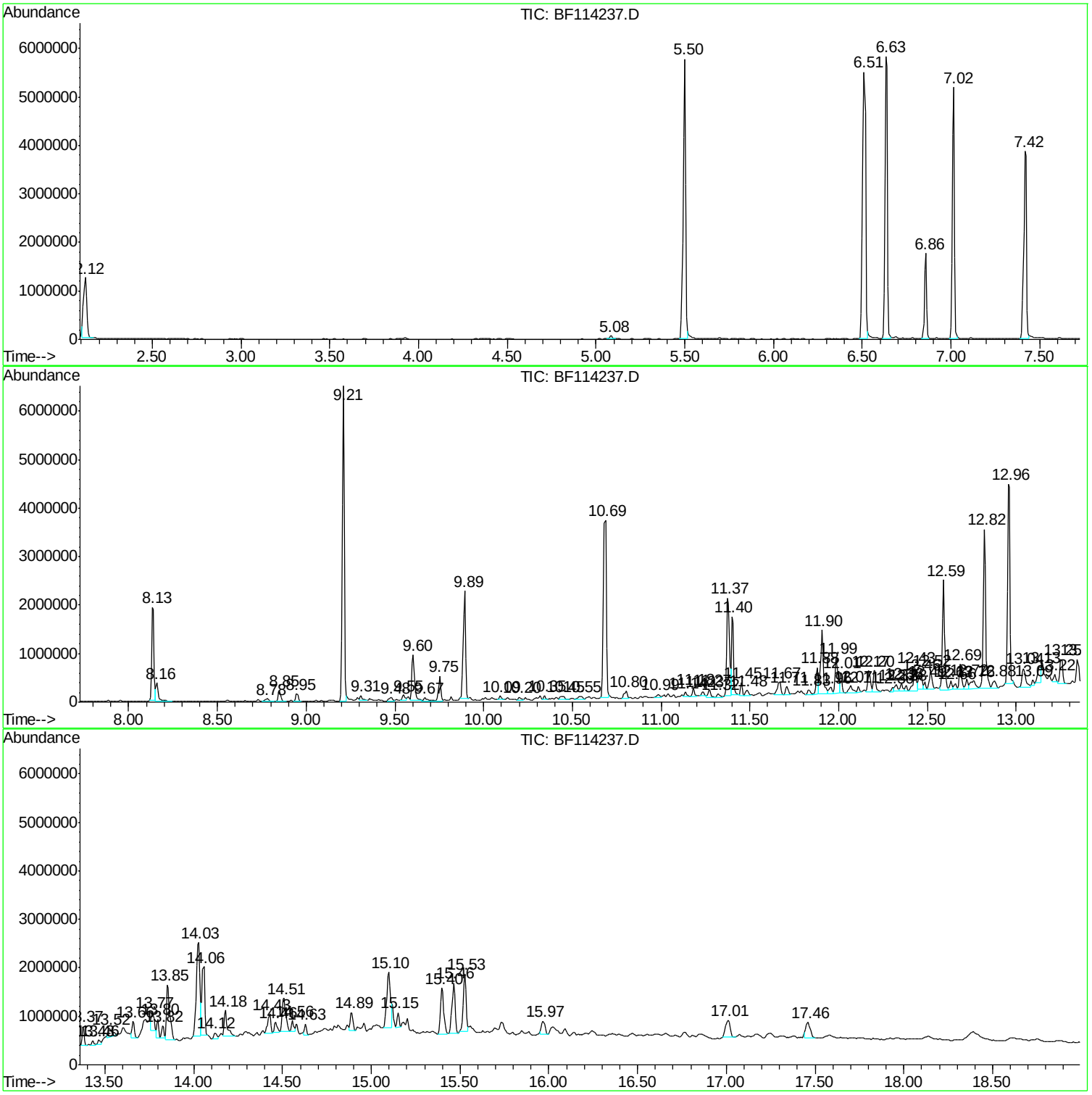
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114237.D
Acq On : 13 May 2019 18:52
Operator : JU/SJ
Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF051319\
Data File : BF114237.D
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

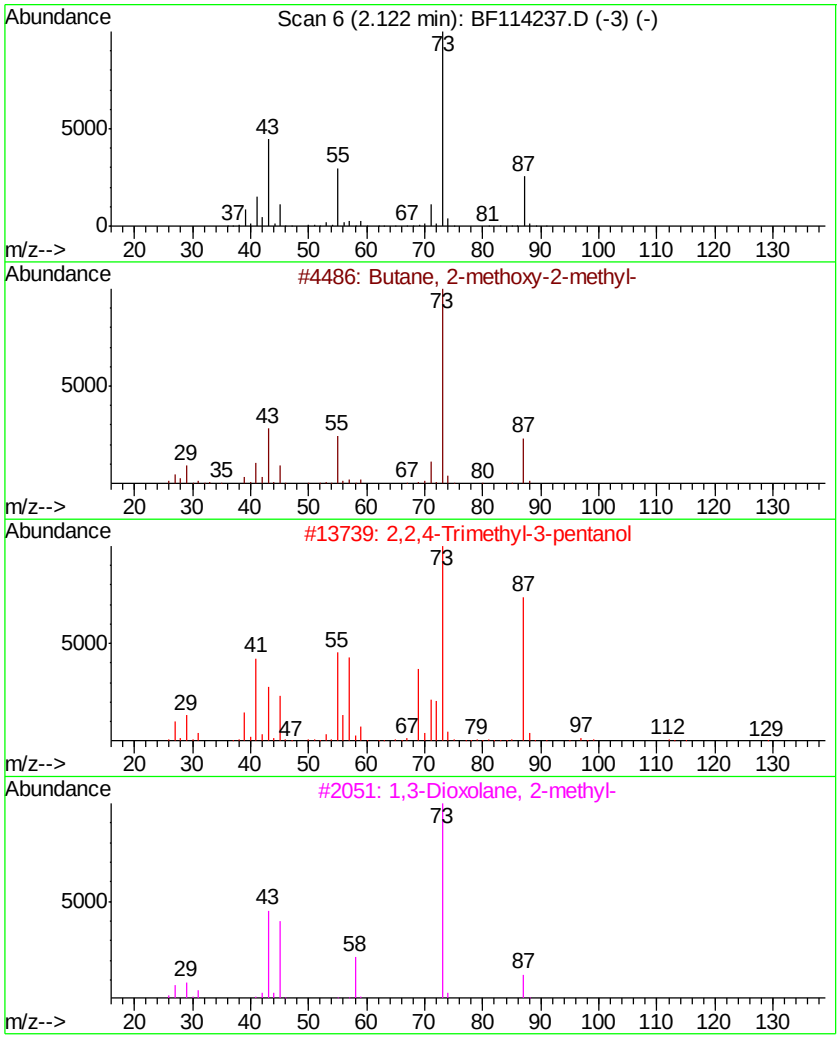
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

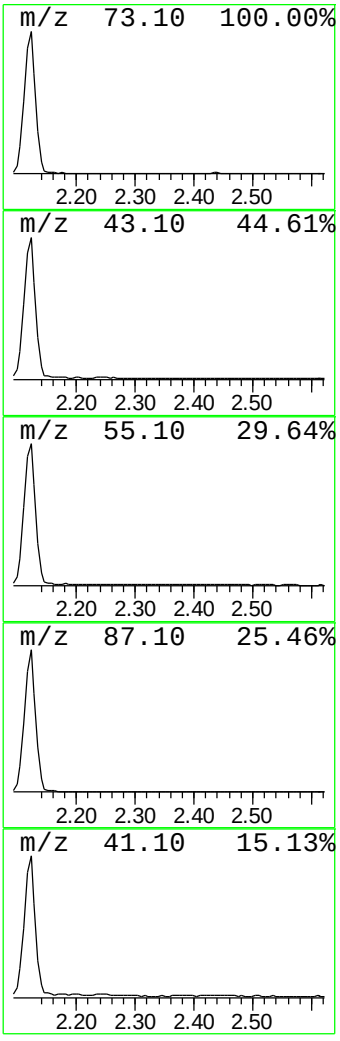
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	20.71 ng	1535850	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

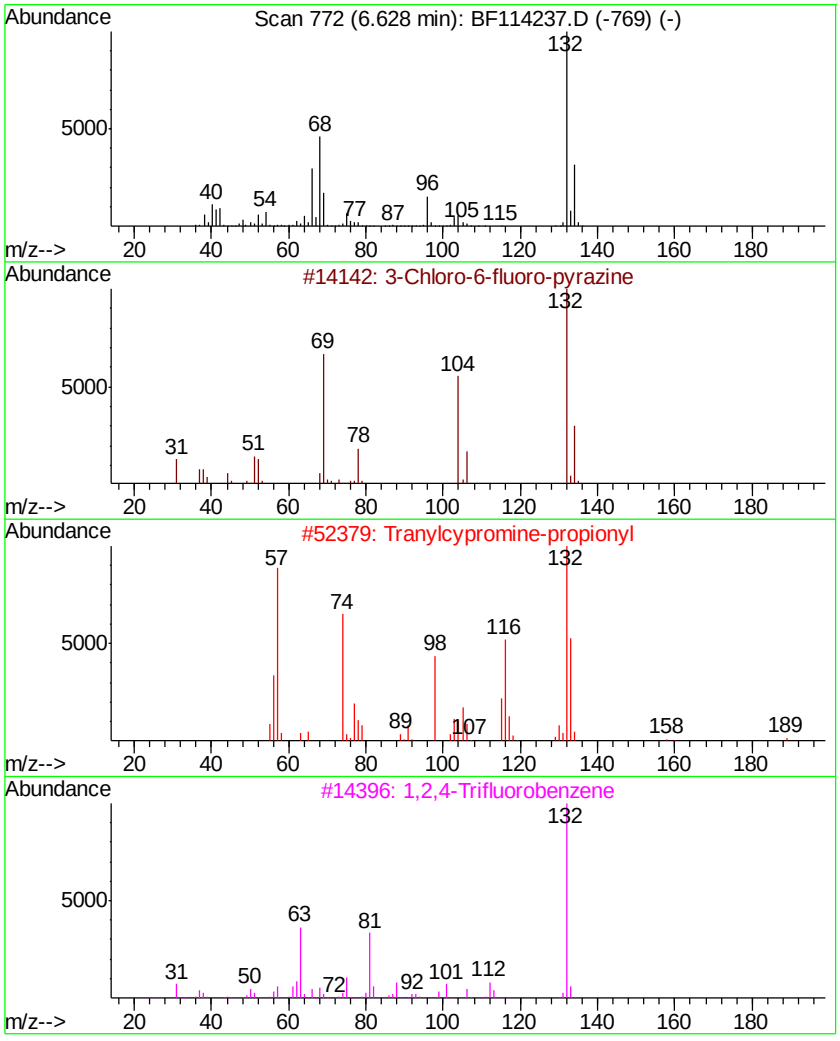
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

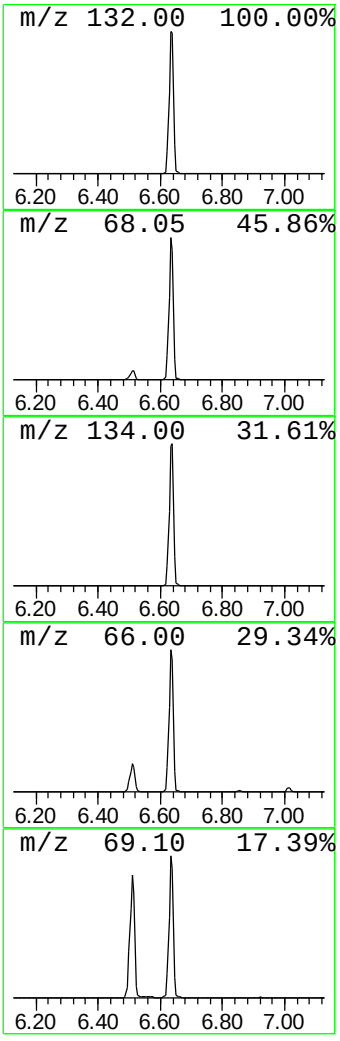
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	80.50 ng	5969370	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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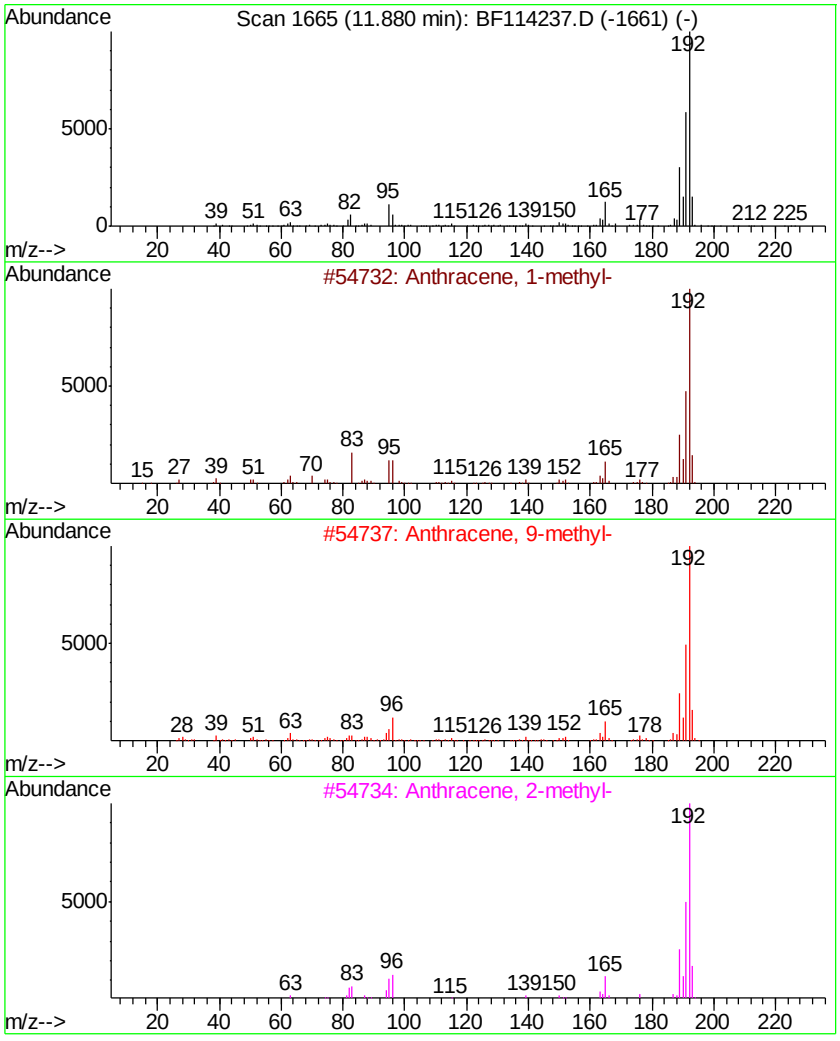
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

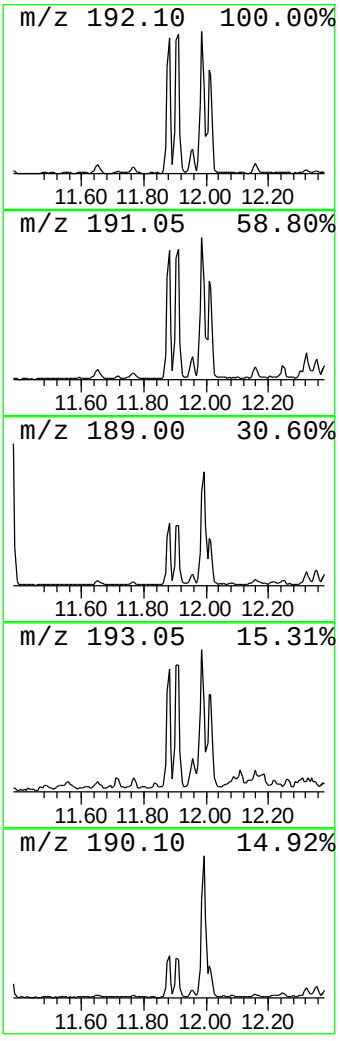
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.59 ng	484666	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

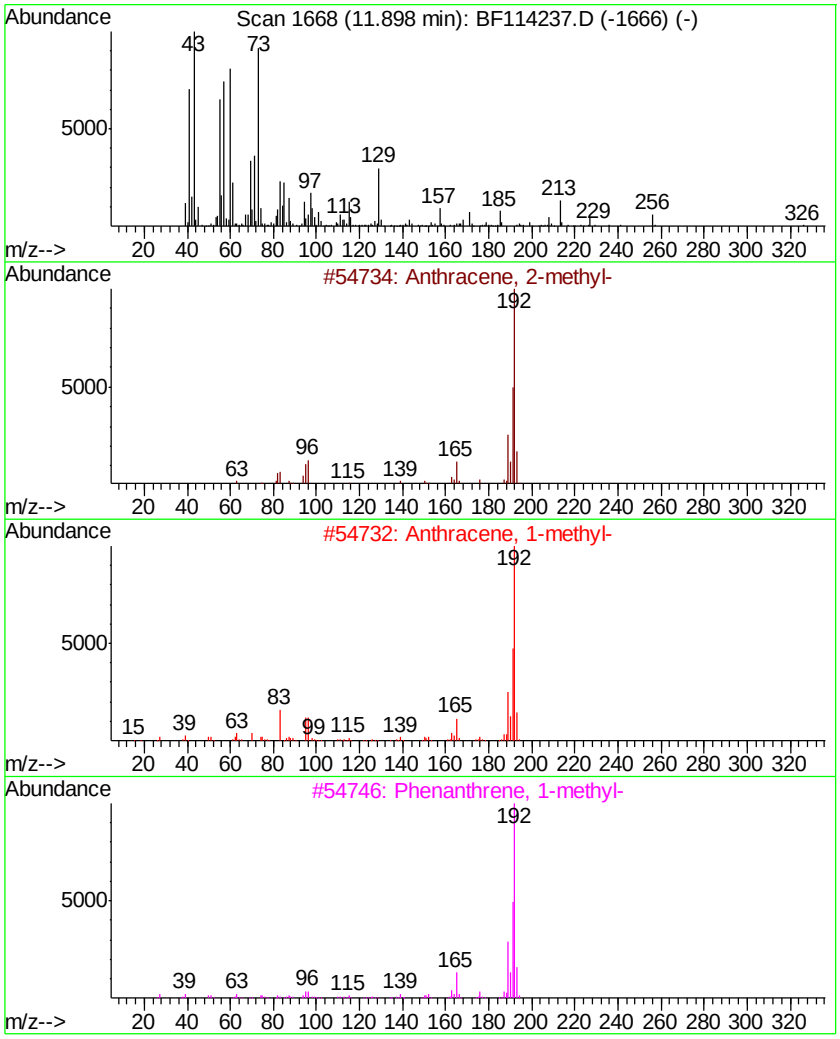
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

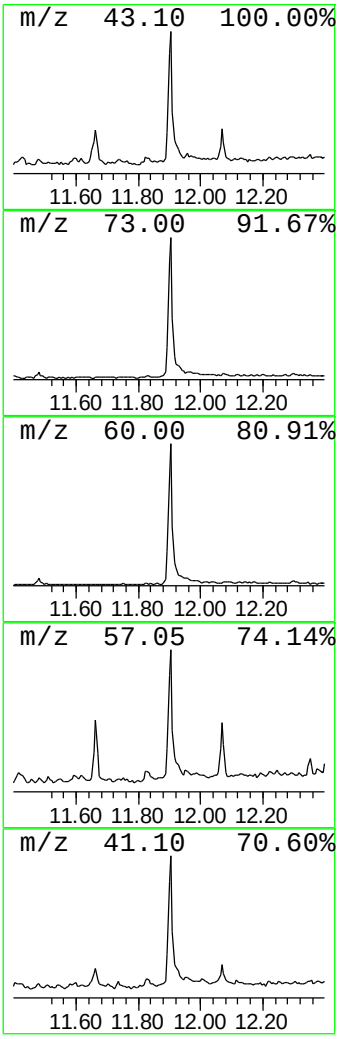
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	13.16 ng	1388920	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Library Search Compound Report

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Data File : BF114237.D
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Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

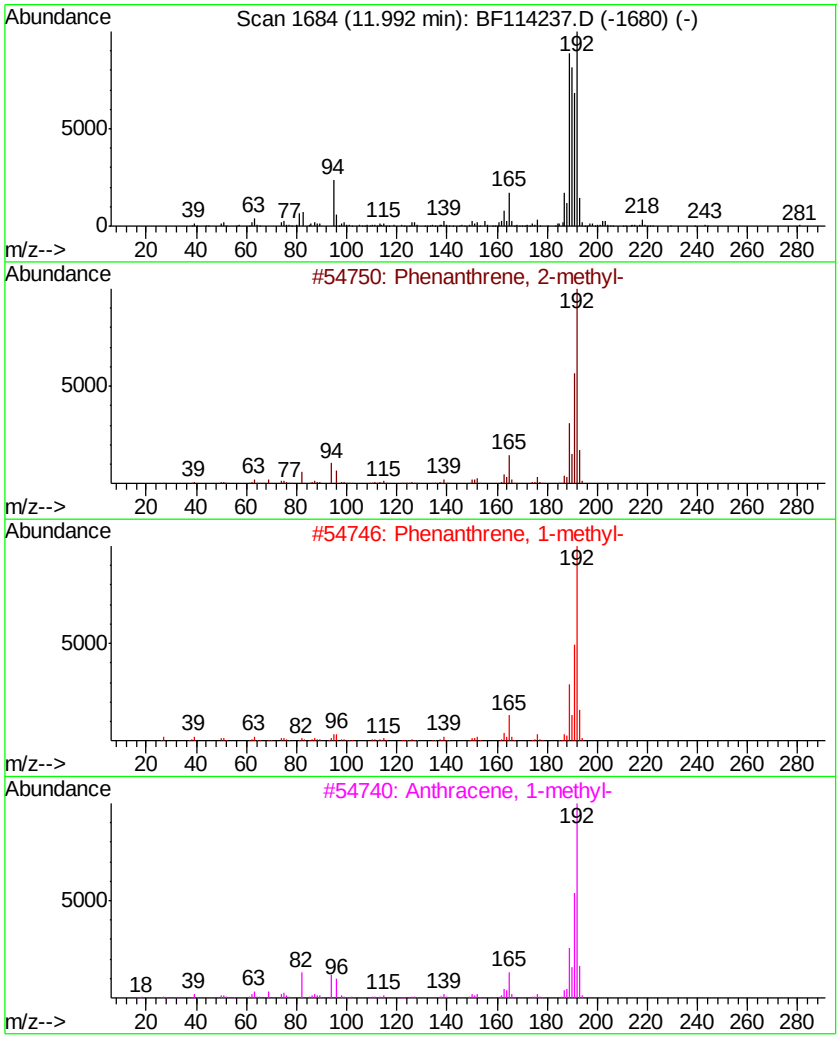
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

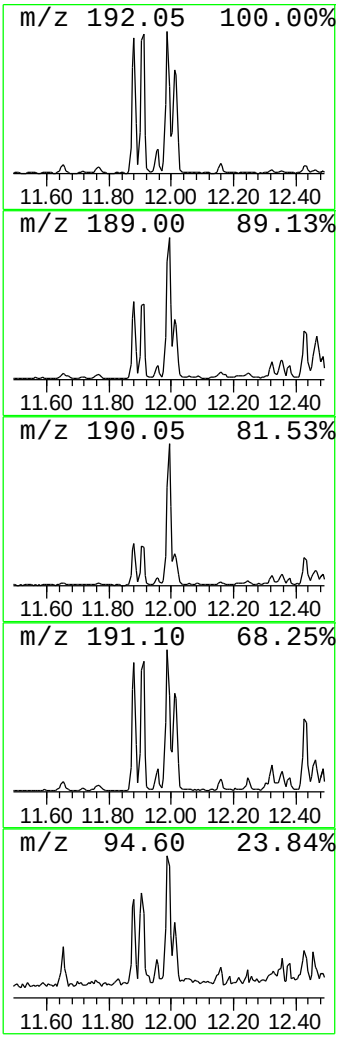
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.62 ng	804652	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70





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Operator : JU/SJ
Sample : K2767-05
Misc :
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ClientSampleId : P026-SS010-1218-01

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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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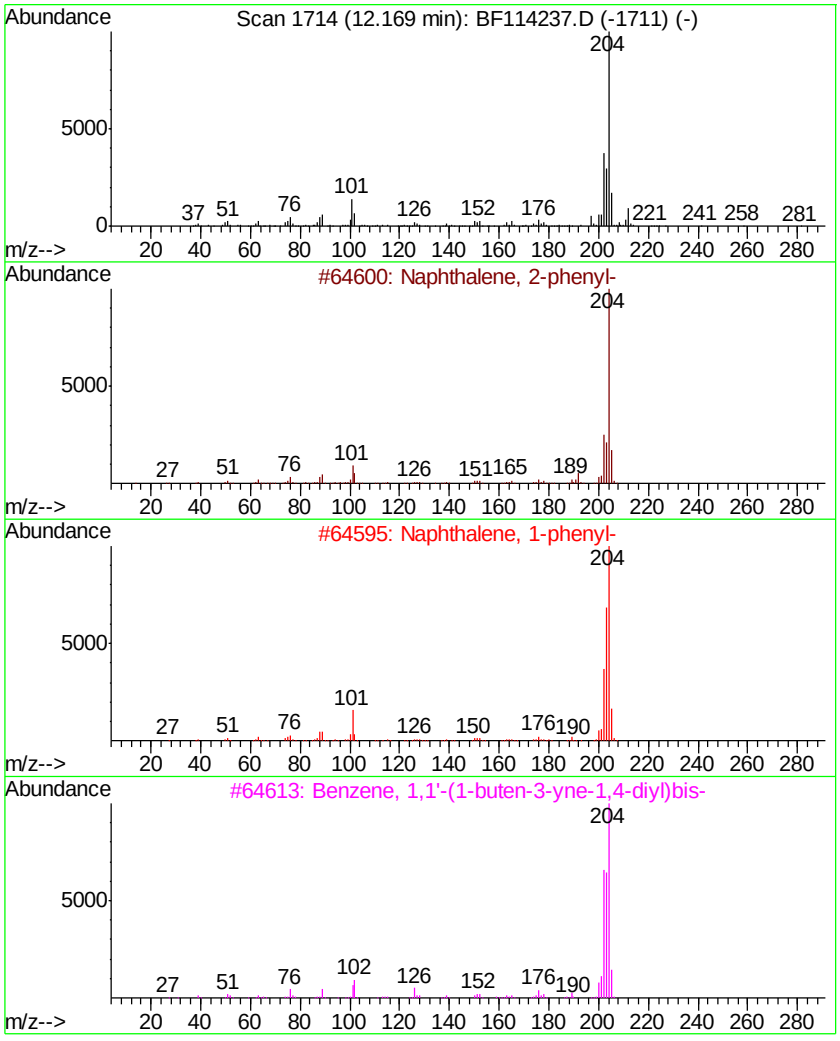
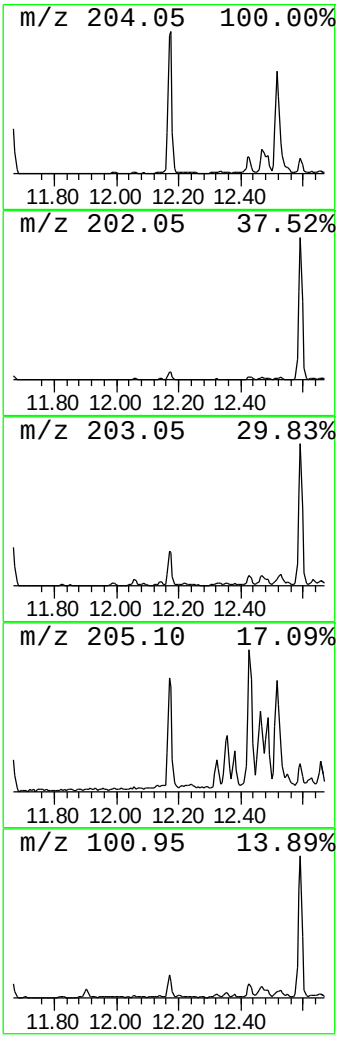
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	4.29 ng	452725	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

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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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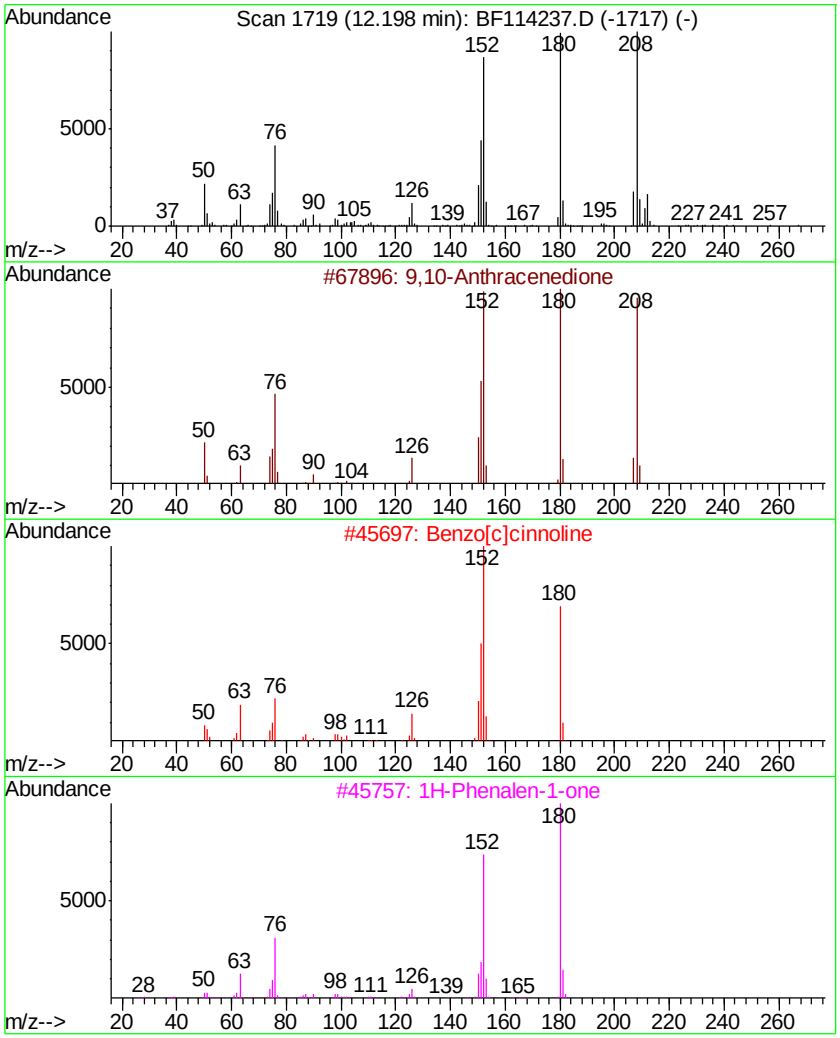
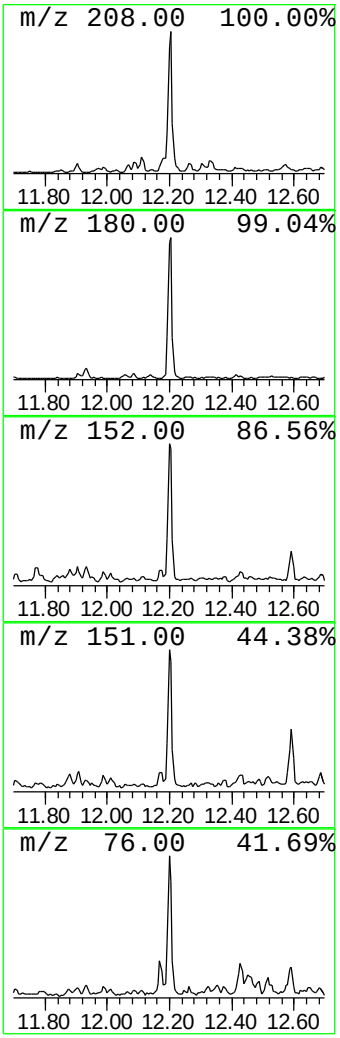
Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.44 ng	468540	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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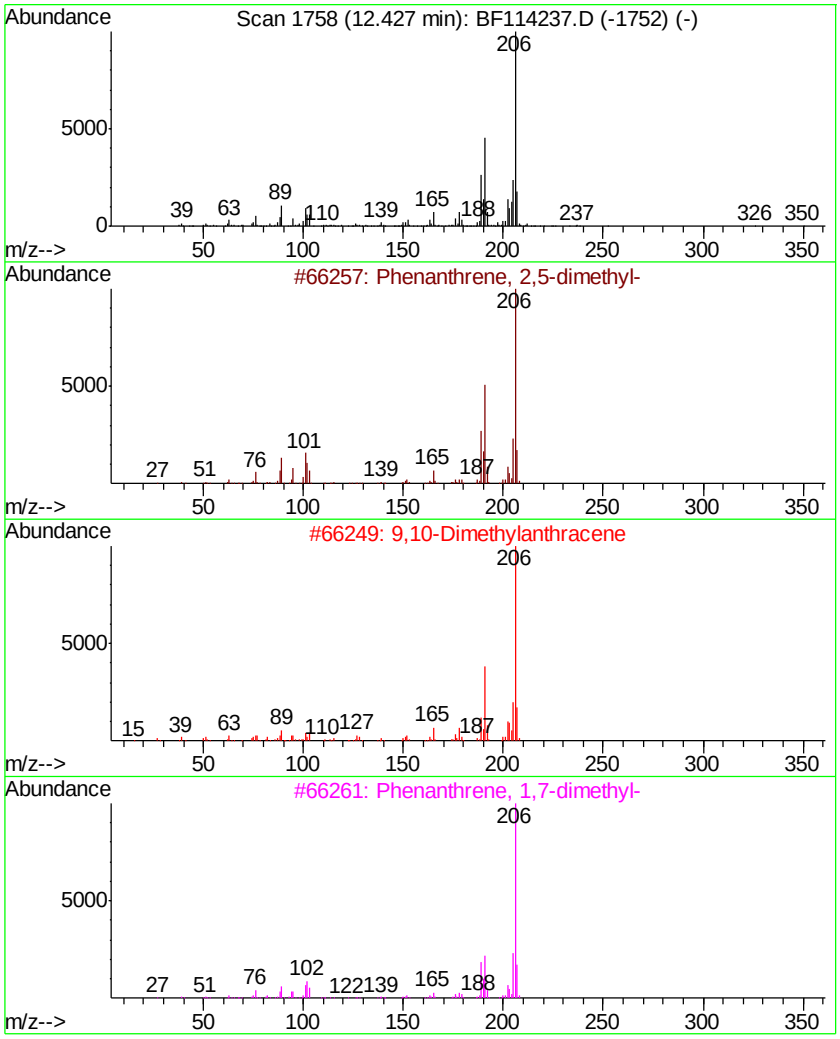
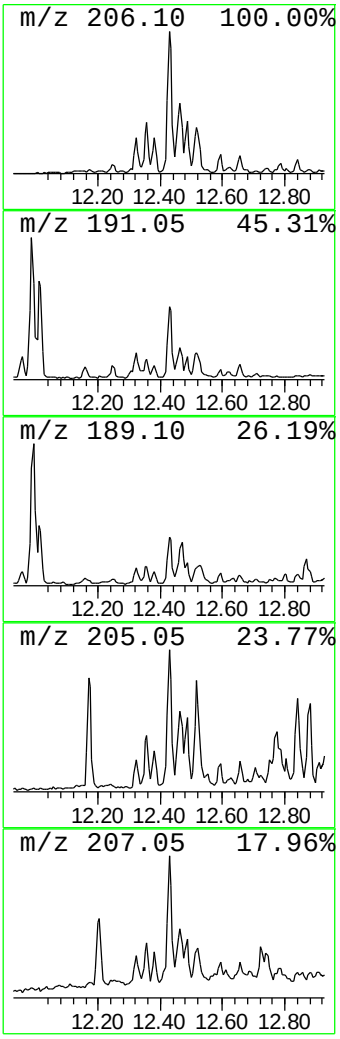
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.10 ng	643628	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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ClientSampleId : P026-SS010-1218-01

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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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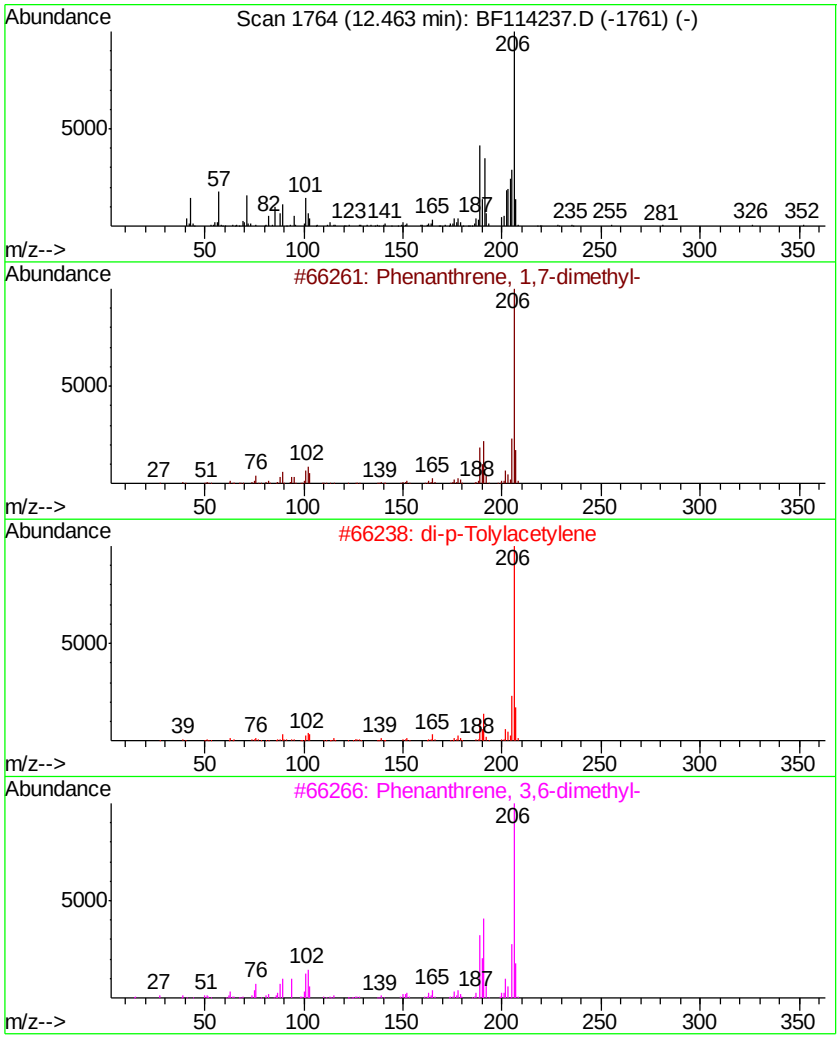
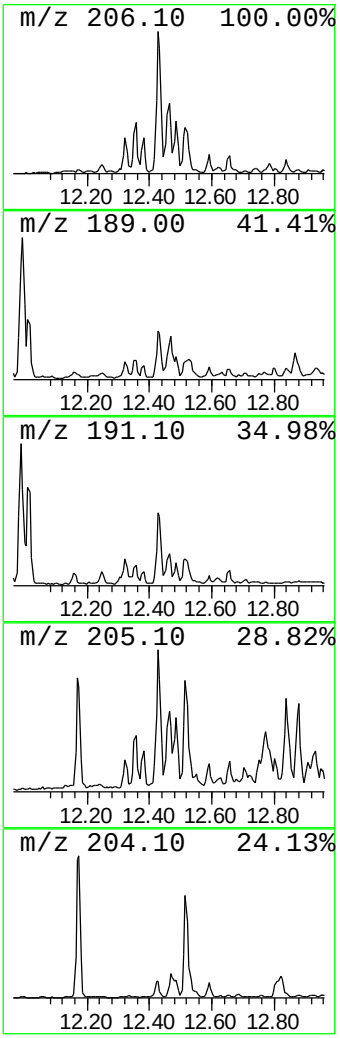
Peak Number 10 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.56 ng	375623	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	76





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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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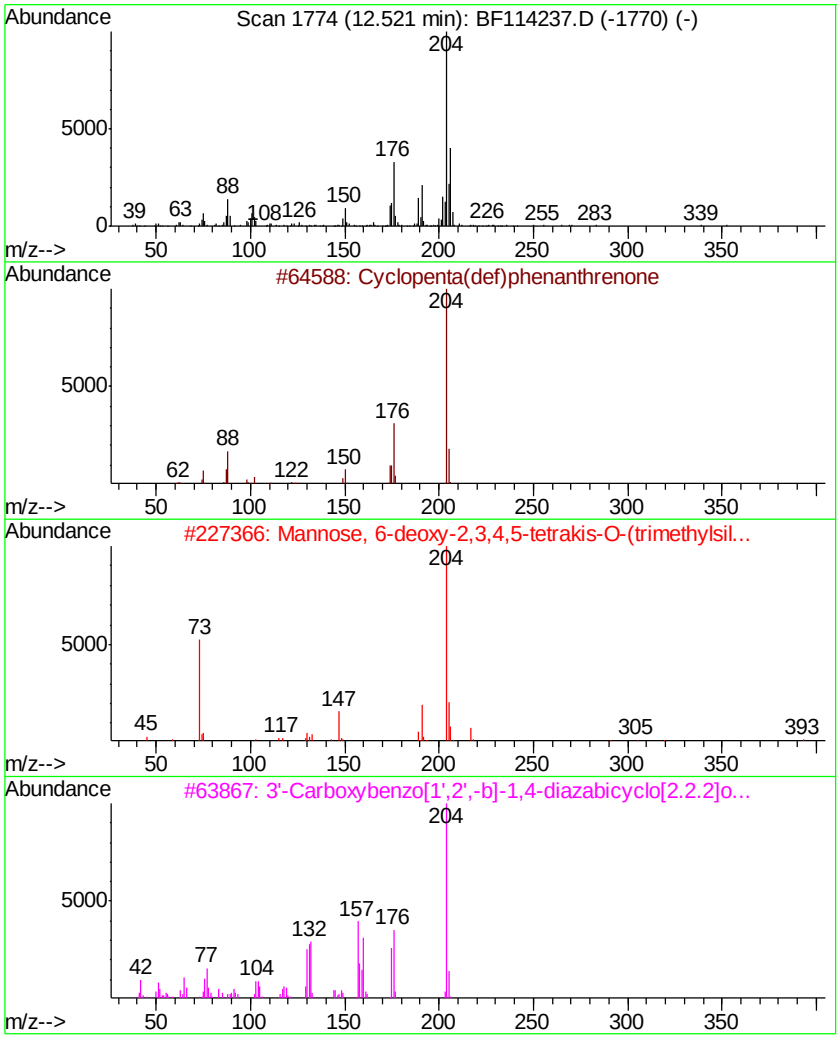
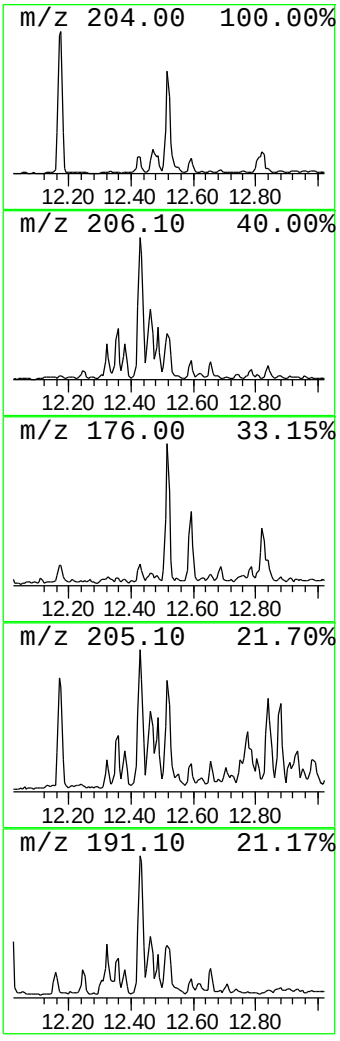
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.04 ng	426278	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	46
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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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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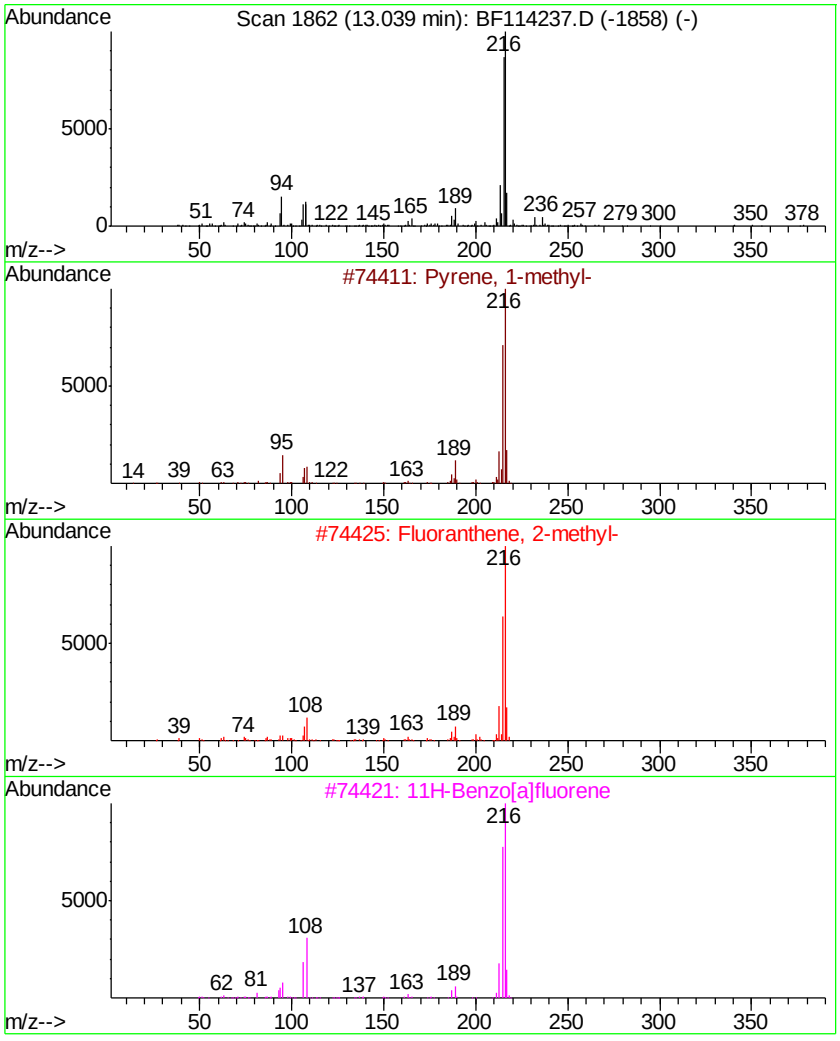
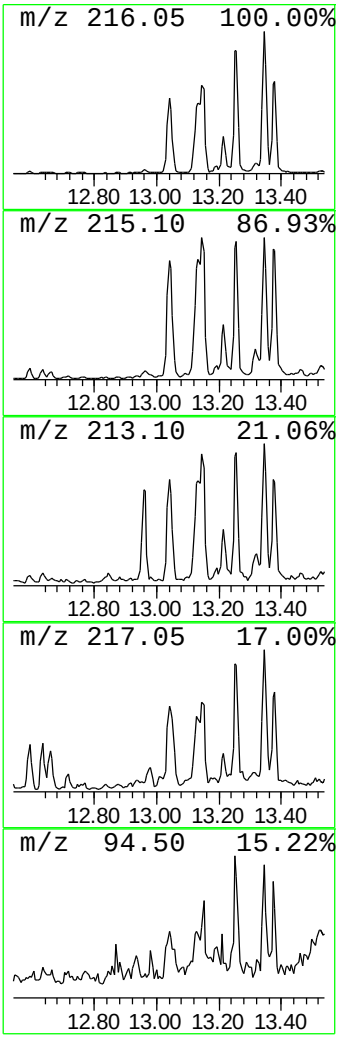
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.40 ng	634429	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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

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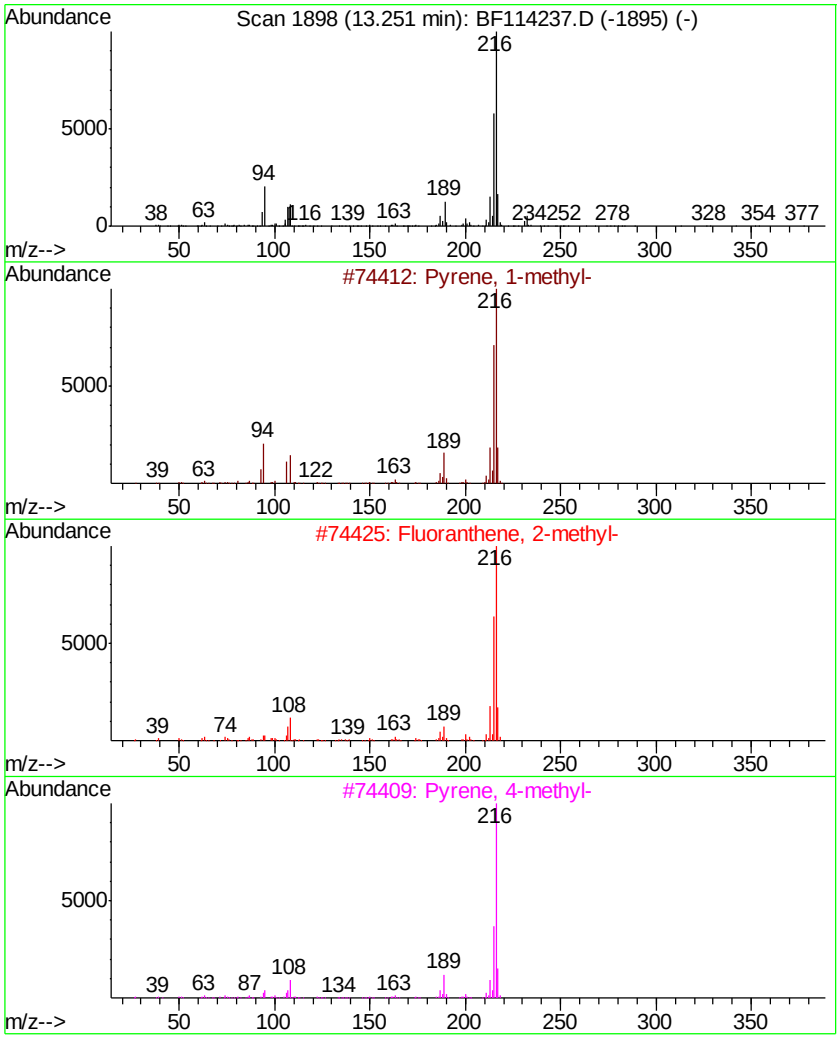
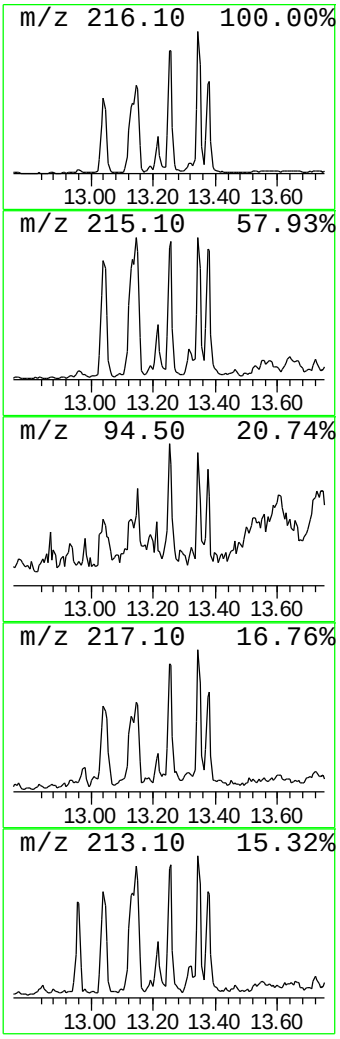
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.46 ng	498148	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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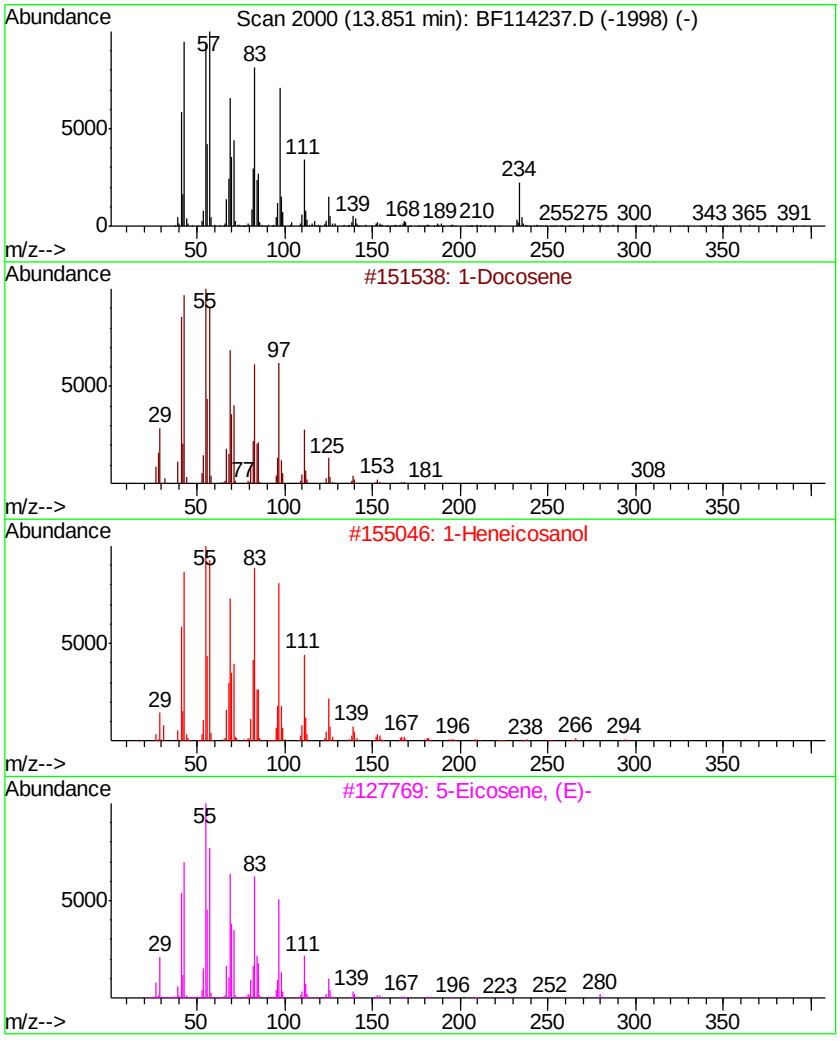
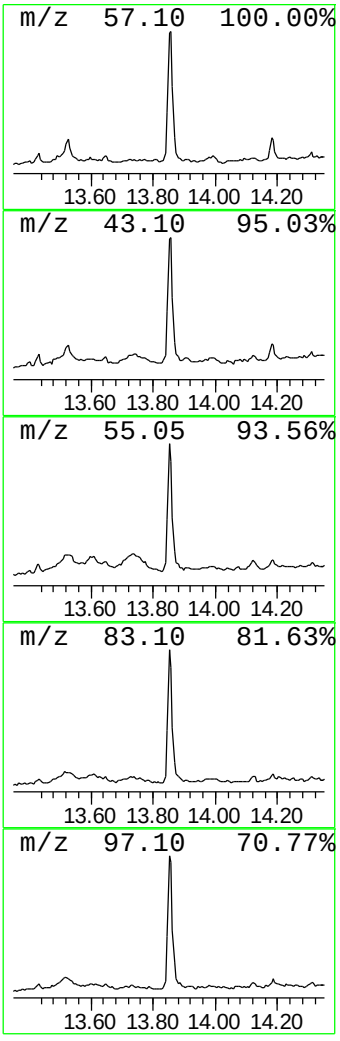
Peak Number 15 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	10.05 ng	1448690	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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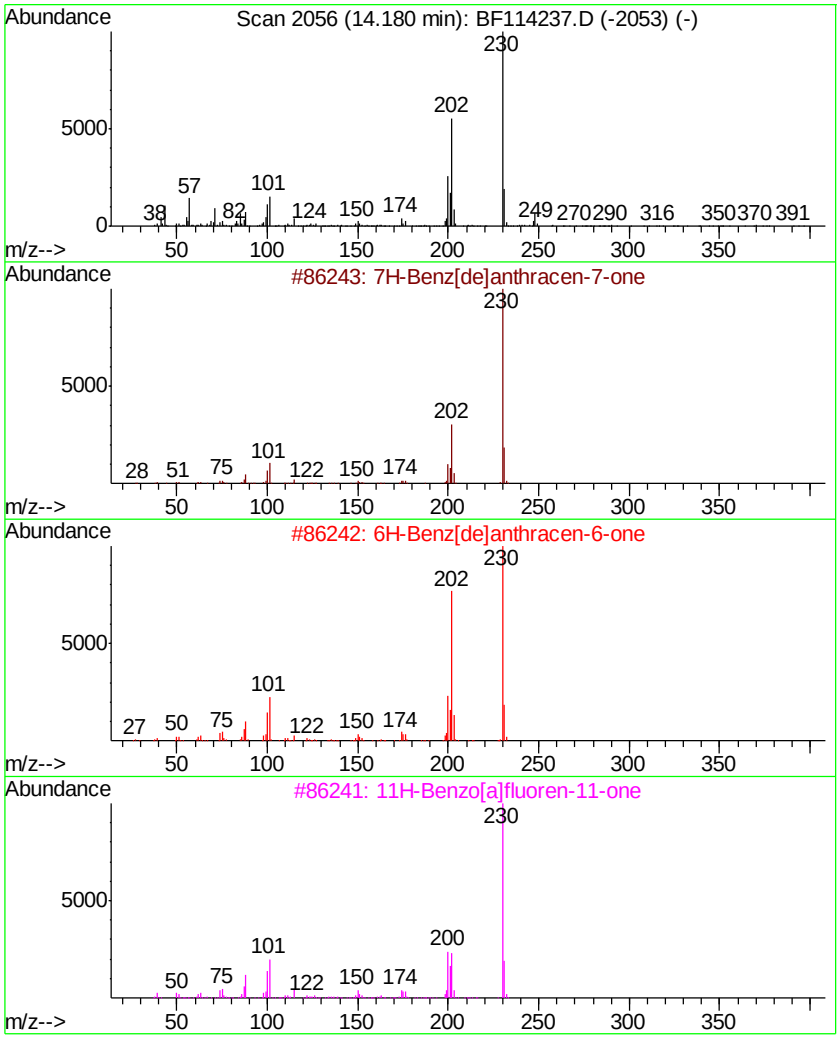
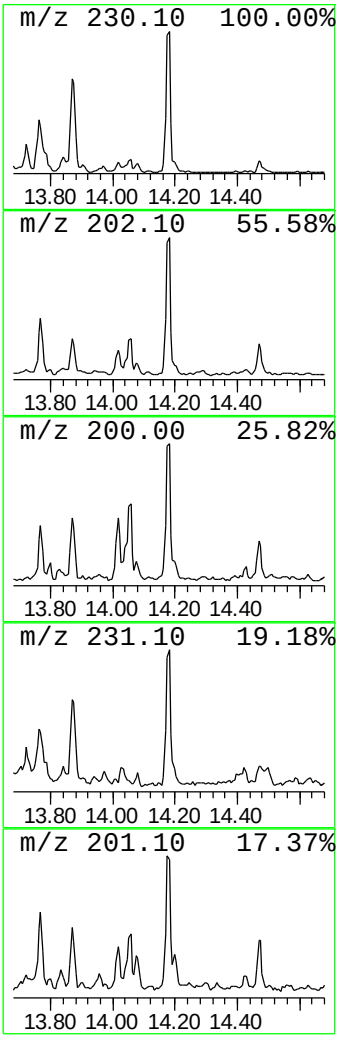
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	4.63 ng	666749	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
4	Pyrene	202	C16H10	000129-00-0	74
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





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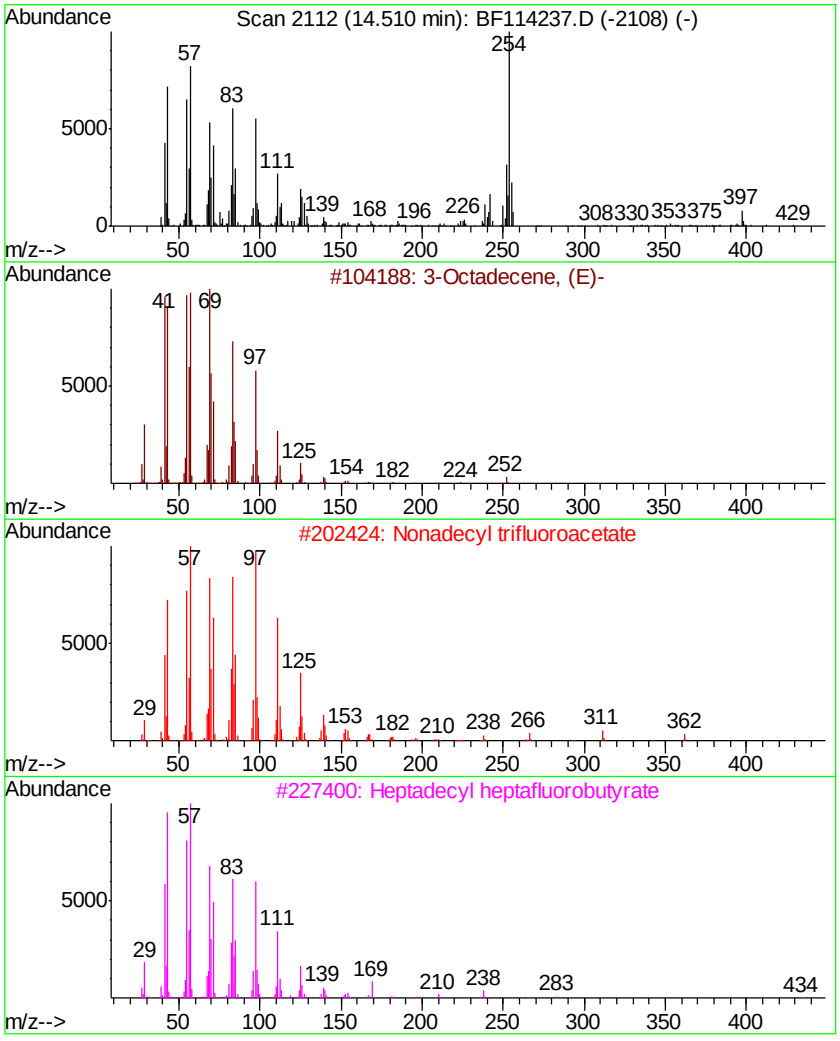
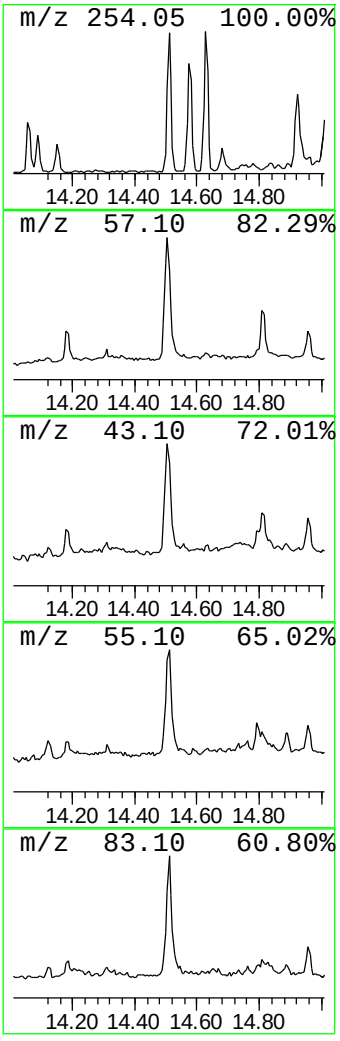
Peak Number 17 3-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	6.70 ng	965638	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	62
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	55
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
4	Octadecane	254	C18H38	000593-45-3	50
5	Cyclotetracosane	336	C24H48	000297-03-0	50





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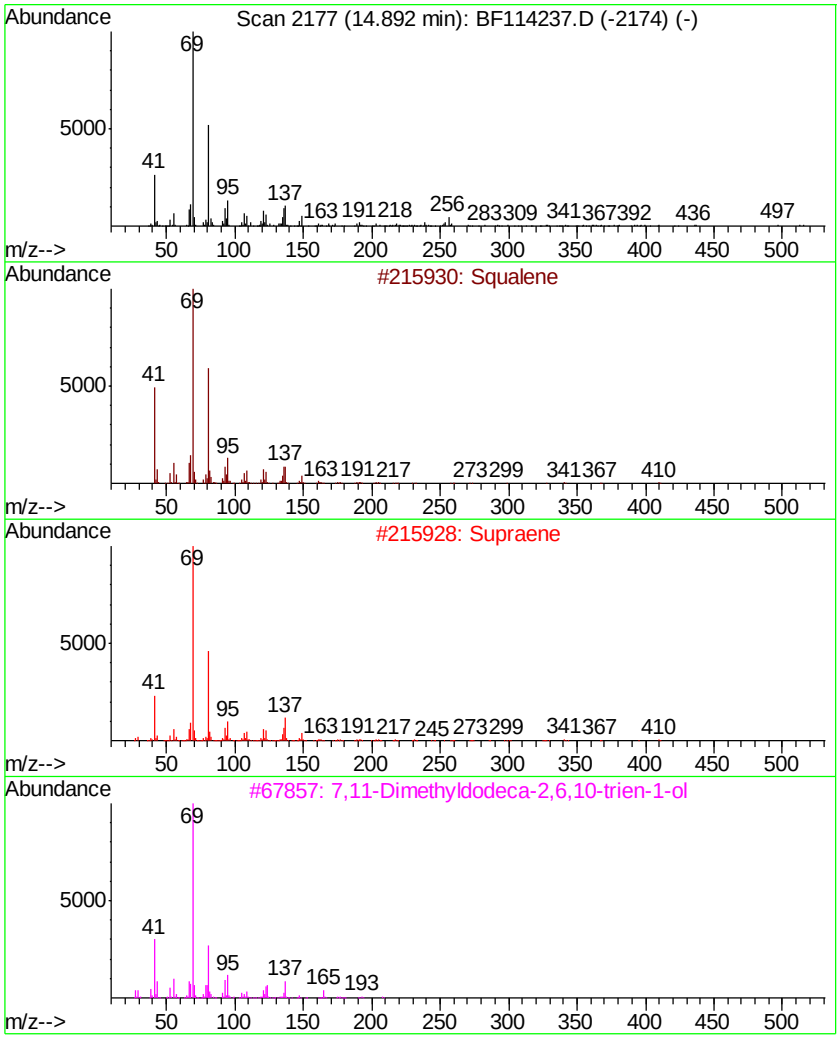
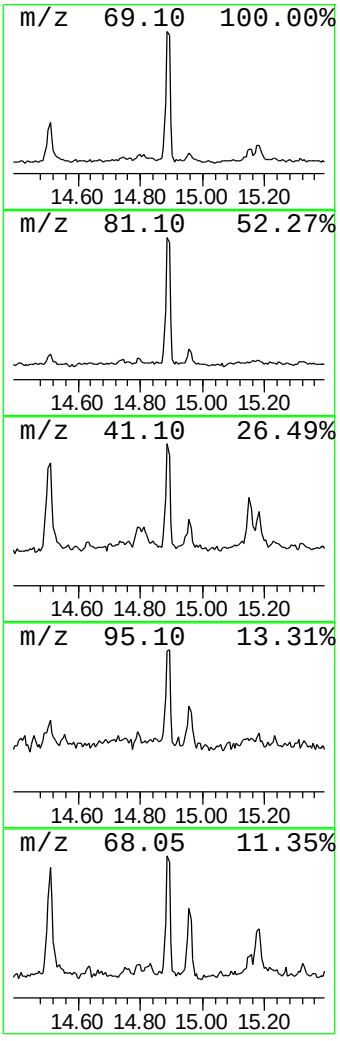
Peak Number 18 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.84 ng	357347	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	93
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59





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Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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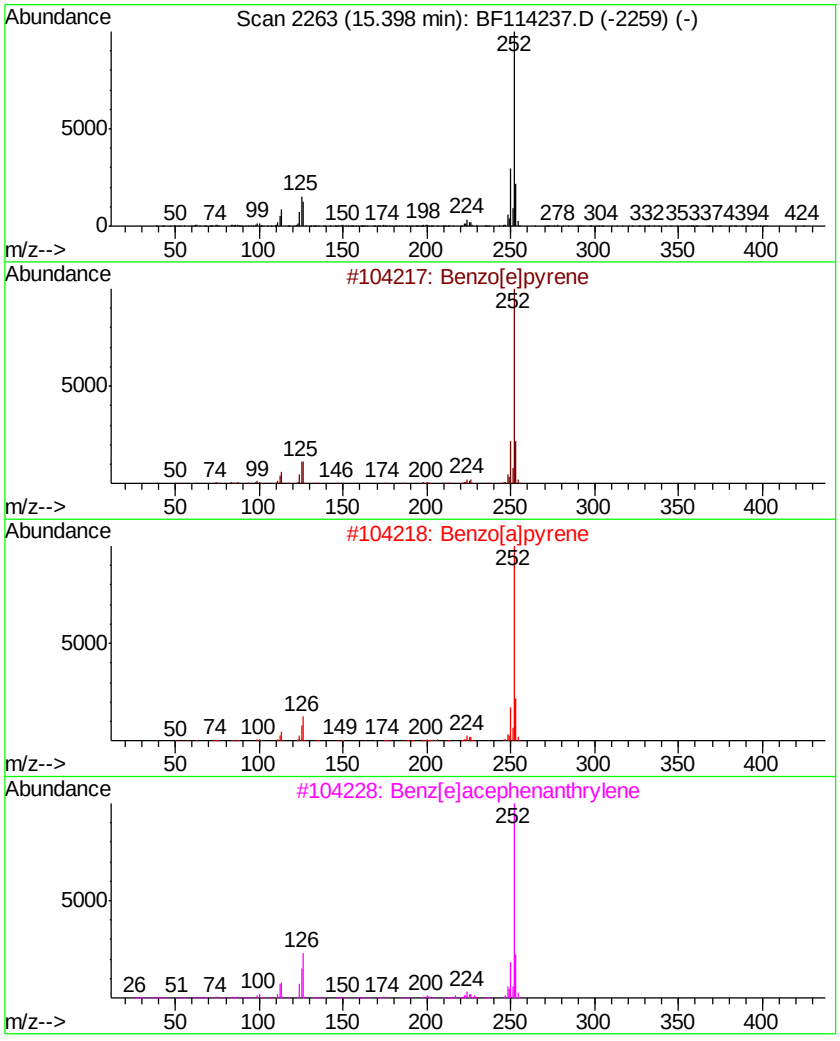
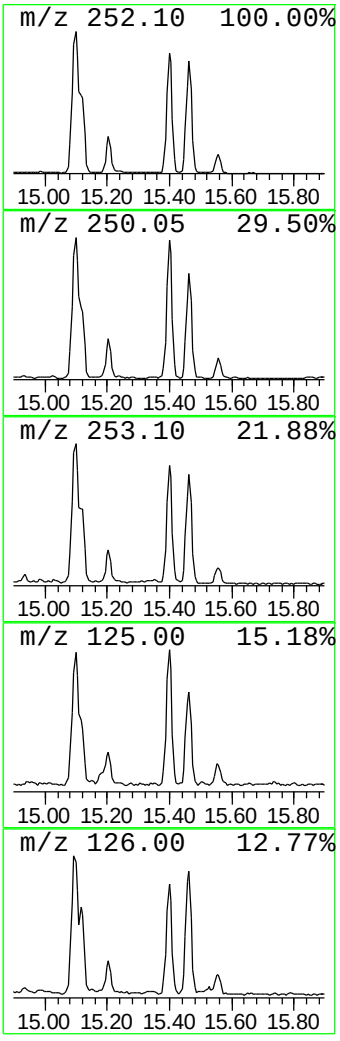
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	17.03 ng	1257470	Perylene-d12	15.53

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114237.D
Acq On : 13 May 2019 18:52
Operator : JU/SJ
Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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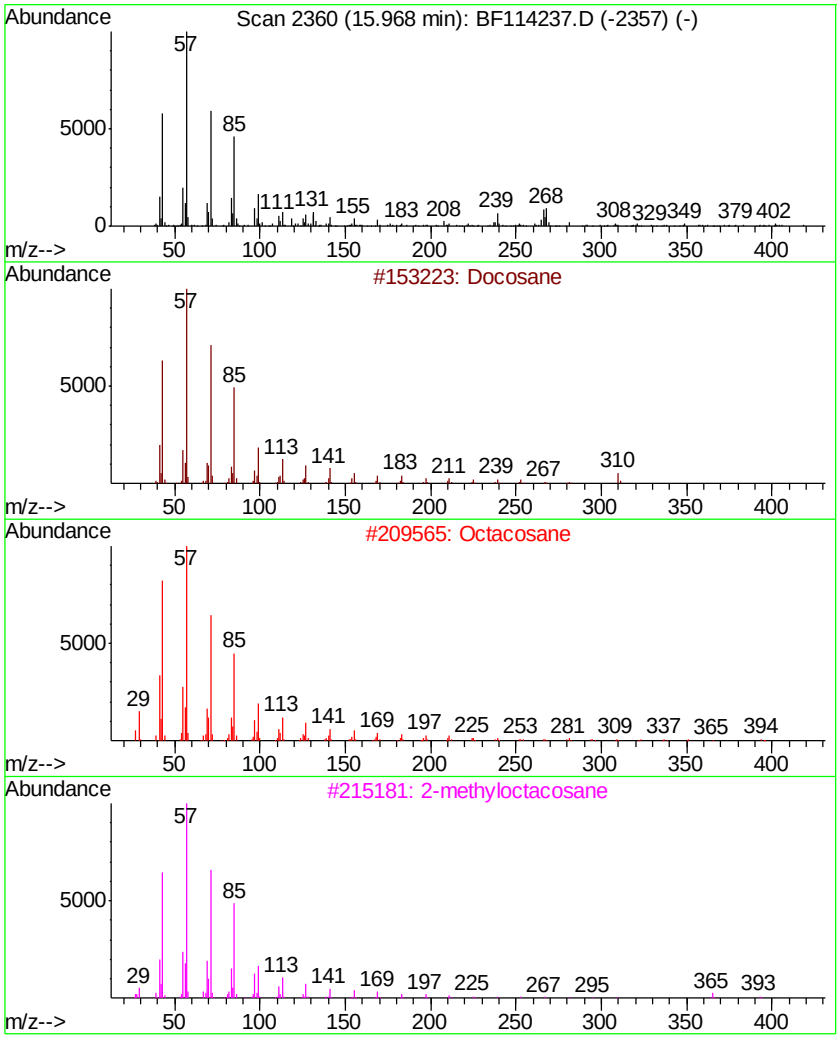
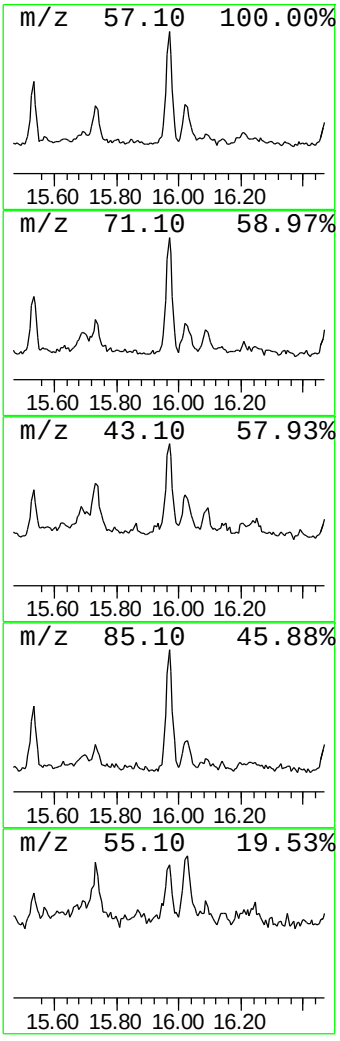
Peak Number 20 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.83 ng	356353	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
5	Heneicosane	296	C21H44	000629-94-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114237.D
Acq On : 13 May 2019 18:52
Operator : JU/SJ
Sample : K2767-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS010-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
Butane, 2-methoxy...	2.12	20.7	ng	1535850	1	6.86	1483090	20.0
unknown6.63	6.63	80.5	ng	5969370	1	6.86	1483090	20.0
Anthracene, 1-met...	11.88	4.6	ng	484666	4	11.37	2111180	20.0
Anthracene, 2-met...	11.90	13.2	ng	1388920	4	11.37	2111180	20.0
Phenanthrene, 2-m...	11.99	7.6	ng	804652	4	11.37	2111180	20.0
Naphthalene, 2-ph...	12.17	4.3	ng	452725	4	11.37	2111180	20.0
9,10-Anthracenedione	12.20	4.4	ng	468540	4	11.37	2111180	20.0
Phenanthrene, 2,5...	12.43	6.1	ng	643628	4	11.37	2111180	20.0
Phenanthrene, 1,7...	12.46	3.6	ng	375623	4	11.37	2111180	20.0
Cyclopenta(def)ph...	12.52	4.0	ng	426278	4	11.37	2111180	20.0
Pyrene, 1-methyl-	13.04	4.4	ng	634429	5	14.03	2883040	20.0
Fluoranthene, 2-m...	13.25	3.5	ng	498148	5	14.03	2883040	20.0
1-Docosene	13.85	10.1	ng	1448690	5	14.03	2883040	20.0
7H-Benz[de]anthra...	14.18	4.6	ng	666749	5	14.03	2883040	20.0
3-Octadecene, (E)-	14.51	6.7	ng	965638	5	14.03	2883040	20.0
Squalene	14.89	4.8	ng	357347	6	15.53	1476710	20.0
Benzo[e]pyrene	15.40	17.0	ng	1257470	6	15.53	1476710	20.0
Docosane	15.97	4.8	ng	356353	6	15.53	1476710	20.0