LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115221.D
Acq On : 26 Jun 2019 16:10
Operator : HP/JU
Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

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-BF062119.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	4.454	423	428	433	rVB	110001	128163	1.84%	0.110%
2	5.213	552	557	560	rBV	4059851	3837079	55.09%	3.299%
3	6.248	728	733	736	rBV	3803977	4044819	58.07%	3.478%
4	6.378	751	755	758	rBV	4456802	4198616	60.28%	3.610%
5	6.613	791	795	798	rBV	1970381	1553859	22.31%	1.336%
6	6.766	817	821	825	rBV	3755964	3181796	45.68%	2.736%
7	7.172	885	890	893	rBV	2891345	2570310	36.90%	2.210%
8	7.889	1008	1012	1014	rBV	2378933	2036187	29.23%	1.751%
9	7.913	1014	1016	1019	rVB	900237	651179	9.35%	0.560%
10	8.601	1129	1133	1136	rBV	419329	324192	4.65%	0.279%
11	8.701	1144	1150	1153	rBV	254894	227884	3.27%	0.196%
12	8.966	1191	1195	1198	rBV	4905981	4250068	61.02%	3.654%
13	9.225	1233	1239	1246	rBV	113908	168349	2.42%	0.145%
14	9.301	1246	1252	1254	rVV	209853	218222	3.13%	0.188%
15	9.325	1254	1256	1259	rVV	158150	124876	1.79%	0.107%
16	9.360	1259	1262	1269	rVV	643281	557355	8.00%	0.479%
17	9.413	1269	1271	1280	rVV	116119	142600	2.05%	0.123%
18	9.636	1304	1309	1312	rBV	2707428	2379217	34.16%	2.046%
19	9.666	1312	1314	1318	rVB	1327396	1067379	15.32%	0.918%
20	9.836	1338	1343	1348	rBV	797534	726280	10.43%	0.624%
21	10.178	1398	1401	1407	rBV	1422792	1146916	16.47%	0.986%
22	10.266	1414	1416	1418	rVV	227785	174529	2.51%	0.150%
23	10.336	1426	1428	1434	rVB	341858	285373	4.10%	0.245%
24	10.419	1437	1442	1446	rVV2	3560116	3399010	48.80%	2.922%
25	10.725	1487	1494	1497	rBV3	255136	378402	5.43%	0.325%
26	10.854	1511	1516	1518	rBV2	154955	205822	2.95%	0.177%
27	10.877	1518	1520	1522	rVV	162208	138435	1.99%	0.119%
28	10.913	1523	1526	1531	rVB	425664	396943	5.70%	0.341%
29	10.966	1531	1535	1538	rBV2	194760	244336	3.51%	0.210%
30	11.001	1538	1541	1545	rVB	505486	444124	6.38%	0.382%
31	11.113	1555	1560	1561	rBV	2412407	2468908	35.45%	2.123%
32	11.136	1561	1564	1567	rVV	6777130	6831041	98.07%	5.873%
33	11.183	1567	1572	1575	rVV	2713304	2332930	33.49%	2.006%
34	11.213	1575	1577	1582	rVB2	204161	239766	3.44%	0.206%

LSC Area Percent Report

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Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.336	1595	1598	1601	rVB	1220549	980507	14.08%	0.843%
36	11.436	1613	1615	1619	rVB2	211328	192408	2.76%	0.165%
37	11.607	1638	1644	1646	rBV	966731	882945	12.68%	0.759%
38	11.636	1646	1649	1651	rVV	1435655	1164185	16.71%	1.001%
39	11.660	1651	1653	1655	rVV	752145	662923	9.52%	0.570%
40	11.683	1655	1657	1660	rVV	627885	532677	7.65%	0.458%
41	11.719	1660	1663	1665	rVV	1684191	1599920	22.97%	1.376%
42	11.742	1665	1667	1670	rVB	635720	496064	7.12%	0.426%
43	11.807	1676	1678	1681	rVB	159002	129273	1.86%	0.111%
44	11.907	1692	1695	1696	rBV	614134	596042	8.56%	0.512%
45	12.054	1717	1720	1722	rBV	190894	158400	2.27%	0.136%
46	12.154	1733	1737	1740	rBV	420703	470344	6.75%	0.404%
47	12.189	1740	1743	1746	rVV	239898	304246	4.37%	0.262%
48	12.236	1748	1751	1756	rVB3	301692	429660	6.17%	0.369%
49	12.319	1760	1765	1768	rBV	6793983	6724723	96.54%	5.782%
50	12.366	1771	1773	1778	rBV2	195263	249772	3.59%	0.215%
51	12.442	1782	1786	1794	rBV3	561056	971592	13.95%	0.835%
52	12.542	1797	1803	1806	rBV2	5644227	6965391	100.00%	5.989%
53	12.589	1808	1811	1818	rVB3	350043	441490	6.34%	0.380%
54	12.660	1819	1823	1825	rBV	497656	437098	6.28%	0.376%
55	12.689	1825	1828	1832	rVB	4391631	4212813	60.48%	3.622%
56	12.760	1834	1840	1843	rBV3	453453	782967	11.24%	0.673%
57	12.783	1843	1844	1847	rVB	253126	147622	2.12%	0.127%
58	12.842	1847	1854	1856	rBV3	426400	650305	9.34%	0.559%
59	12.866	1856	1858	1861	rVB	1149485	950676	13.65%	0.817%
60	12.930	1866	1869	1872	rBV	834001	744126	10.68%	0.640%
61	12.966	1872	1875	1878	rVV	786886	794574	11.41%	0.683%
62	12.995	1878	1880	1883	rVV	269719	256424	3.68%	0.220%
63	13.024	1883	1885	1888	rVV	195195	171535	2.46%	0.147%
64	13.060	1888	1891	1894	rVV	340140	302812	4.35%	0.260%
65	13.089	1894	1896	1903	rVV2	387697	433553	6.22%	0.373%
66	13.166	1906	1909	1919	rVB6	174637	309460	4.44%	0.266%
67	13.242	1919	1922	1924	rBV2	159348	212423	3.05%	0.183%
68	13.266	1924	1926	1928	rVV2	192901	212266	3.05%	0.182%
69	13.289	1928	1930	1932	rVB	208803	178542	2.56%	0.154%
70	13.366	1938	1943	1948	rVB	513146	651113	9.35%	0.560%
71	13.477	1958	1962	1965	rBV2	613970	730643	10.49%	0.628%

LSC Area Percent Report

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Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.507	1965	1967	1969	rVV	614425	546367	7.84%	0.470%
73	13.524	1969	1970	1972	rVV	448406	402133	5.77%	0.346%
74	13.571	1975	1978	1983	rVB2	602678	616847	8.86%	0.530%
75	13.648	1988	1991	1993	rVV	111454	149546	2.15%	0.129%
76	13.724	1997	2004	2007	rVV2	3978624	5890987	84.58%	5.065%
77	13.760	2007	2010	2015	rVB	2858488	2971621	42.66%	2.555%
78	13.830	2019	2022	2025	rVB	609074	537226	7.71%	0.462%
79	13.913	2034	2036	2038	rBV	316356	254850	3.66%	0.219%
80	13.936	2038	2040	2041	rBV2	196832	173946	2.50%	0.150%
81	14.048	2056	2059	2062	rVB2	199999	194333	2.79%	0.167%
82	14.077	2062	2064	2066	rBV	209435	190281	2.73%	0.164%
83	14.113	2066	2070	2073	rVB	630254	604841	8.68%	0.520%
84	14.148	2073	2076	2079	rVB	340322	303507	4.36%	0.261%
85	14.207	2083	2086	2088	rVB	321202	281872	4.05%	0.242%
86	14.236	2088	2091	2093	rBV	643322	611199	8.77%	0.525%
87	14.407	2118	2120	2124	rBV2	203353	254133	3.65%	0.218%
88	14.530	2138	2141	2144	rVB2	559639	525349	7.54%	0.452%
89	14.565	2144	2147	2148	rBV2	161262	159574	2.29%	0.137%
90	14.724	2170	2174	2177	rBV	2322728	3642520	52.29%	3.132%
91	14.818	2187	2190	2196	rVB2	576341	954149	13.70%	0.820%
92	14.989	2215	2219	2224	rVB	1371716	1587659	22.79%	1.365%
93	15.042	2224	2228	2233	rBV	1980899	2272298	32.62%	1.954%
94	15.101	2233	2238	2240	rVV	1480432	1823305	26.18%	1.568%
95	15.124	2240	2242	2246	rVV	636444	702634	10.09%	0.604%
96	15.165	2246	2249	2253	rVB	481650	544239	7.81%	0.468%
97	15.548	2311	2314	2318	rBV2	338324	451470	6.48%	0.388%
98	15.989	2386	2389	2394	rVB3	199177	246058	3.53%	0.212%
99	16.365	2448	2453	2459	rVB2	668698	1217712	17.48%	1.047%
100	16.736	2511	2516	2526	rBV	497083	994602	14.28%	0.855%

Sum of corrected areas: 116311737

LSC Report - Integrated Chromatogram

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Data File : BF115221.D
Acq On : 26 Jun 2019 16:10
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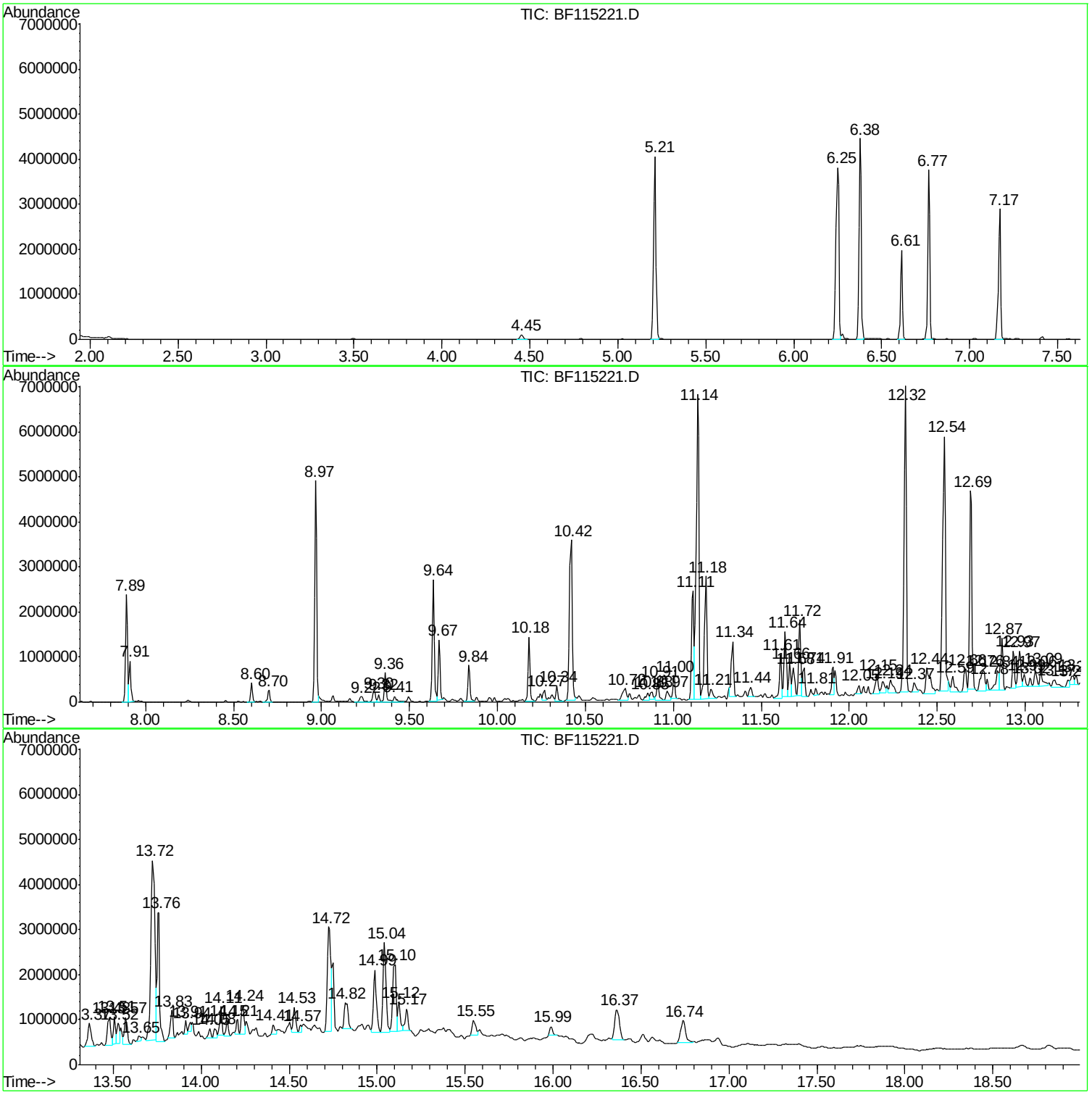
Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062619\
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Instrument : BNA_F
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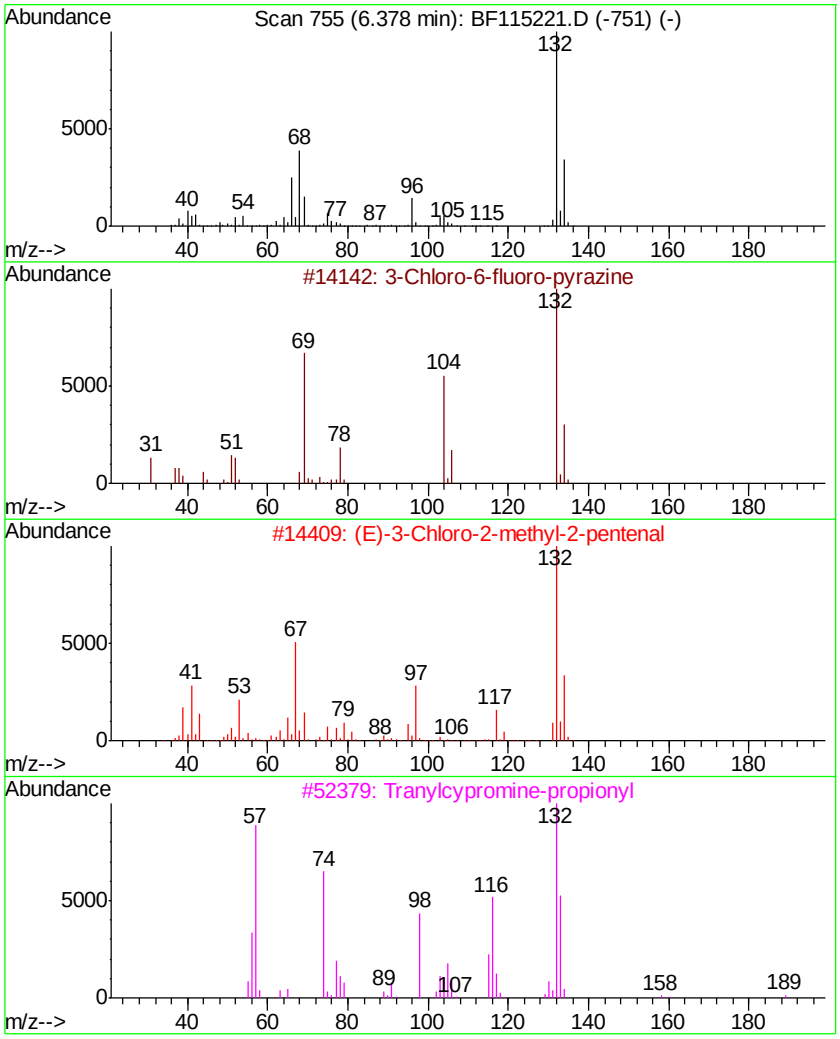
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

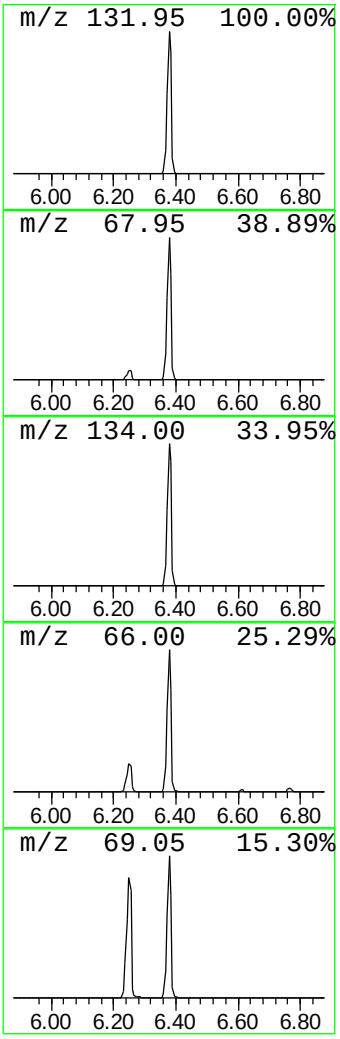
****

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	54.04 ng	4198620	1,4-Dichlorobenzene-d4	6.61

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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





Library Search Compound Report

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ClientSampleId : BAT-B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
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TIC Library : C:\DATABASE\NIST11.L
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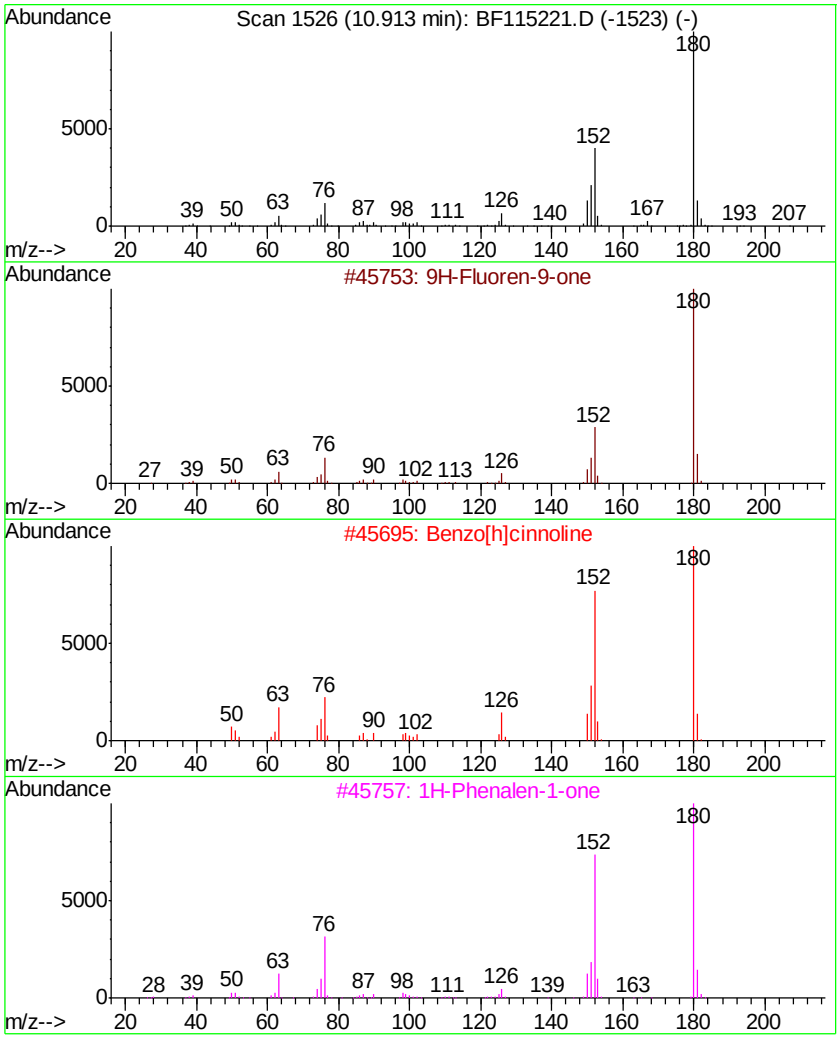
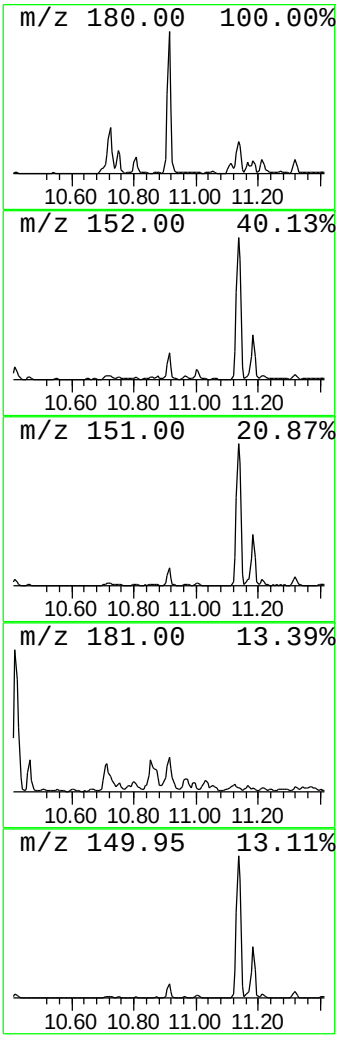
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	3.22 ng	396943	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	47
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	40
5	4-Chloro-2-hydroxy-1,5-naphthyri...	180	C8H5ClN2O	095474-59-2	38





Library Search Compound Report

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ClientSampleId : BAT-B07

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

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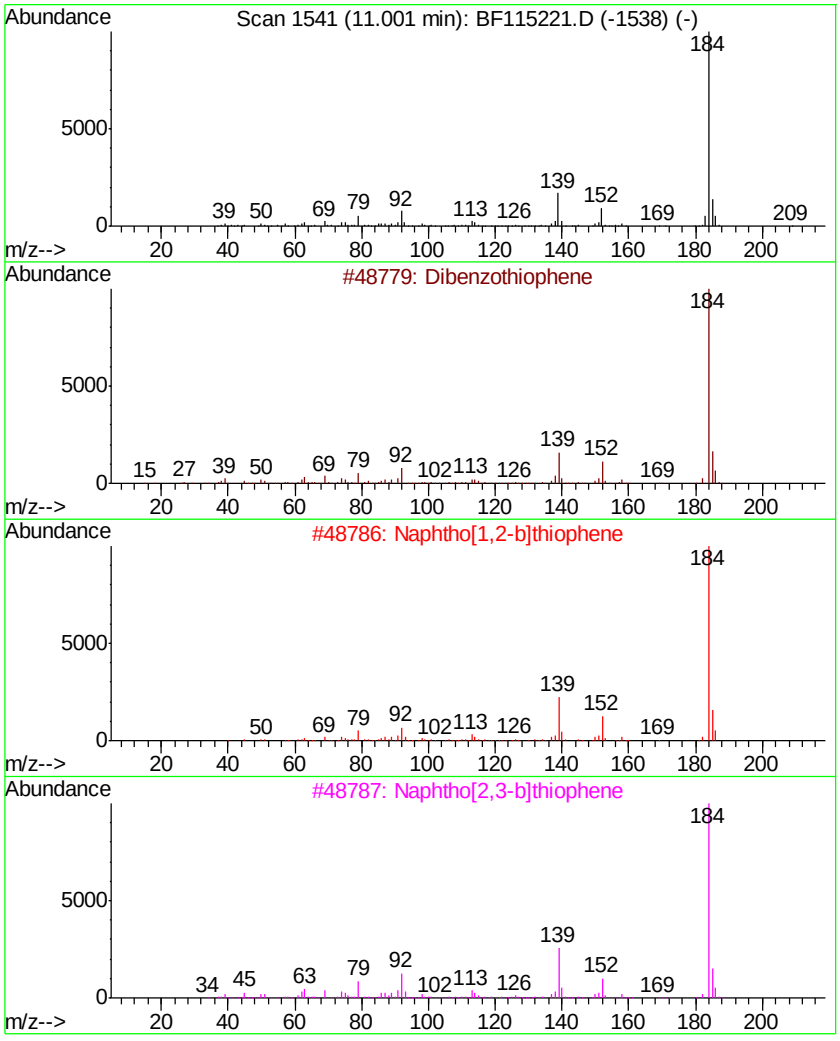
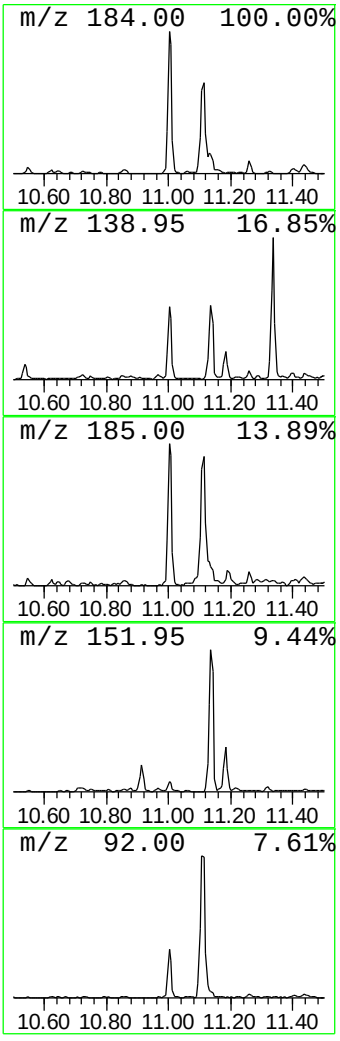
Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.60 ng	444124	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Acq On : 26 Jun 2019 16:10
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

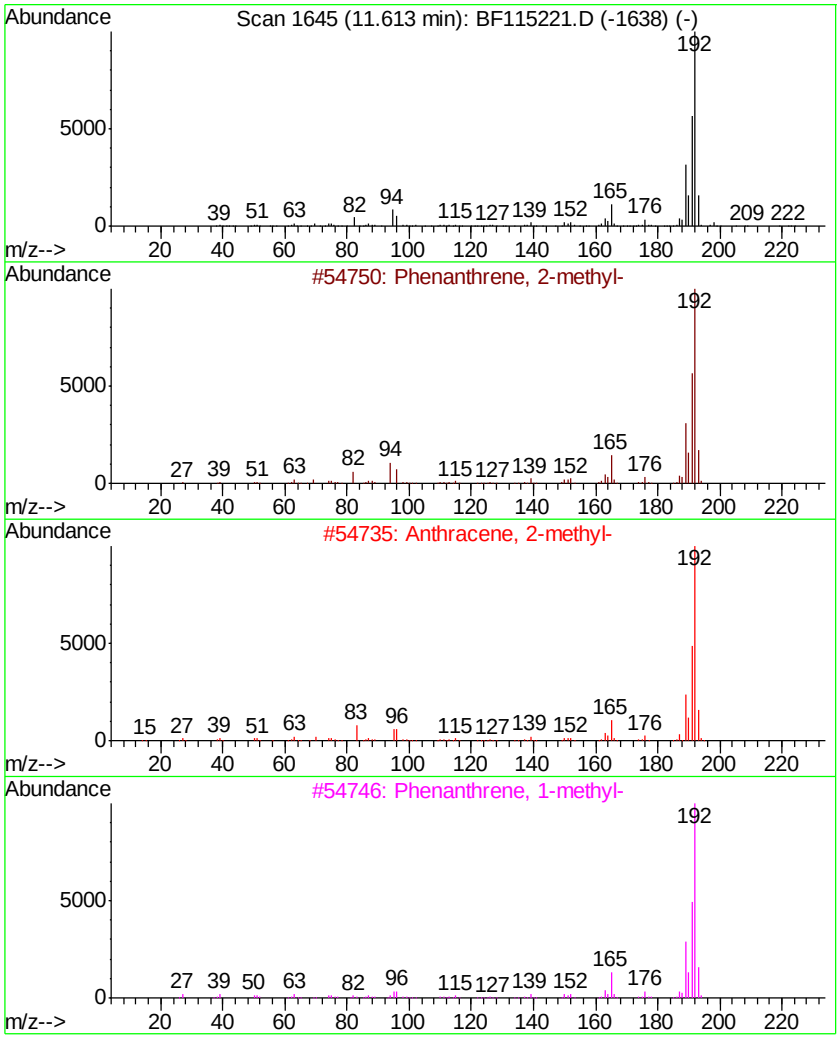
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

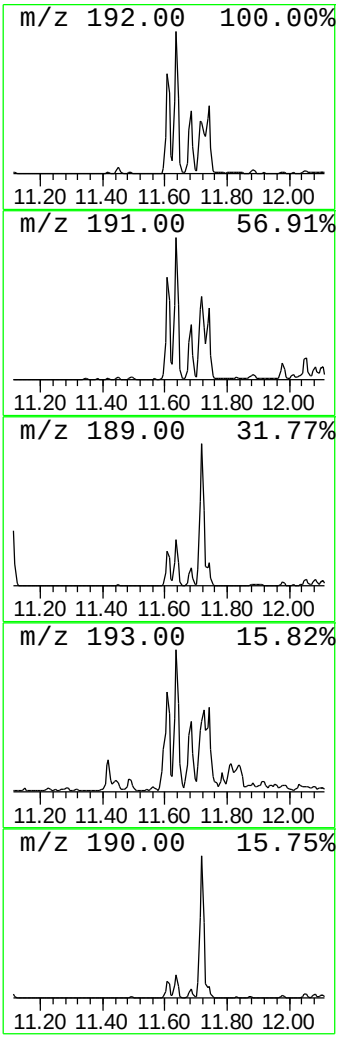
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	7.15 ng	882945	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115221.D
Acq On : 26 Jun 2019 16:10
Operator : HP/JU
Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

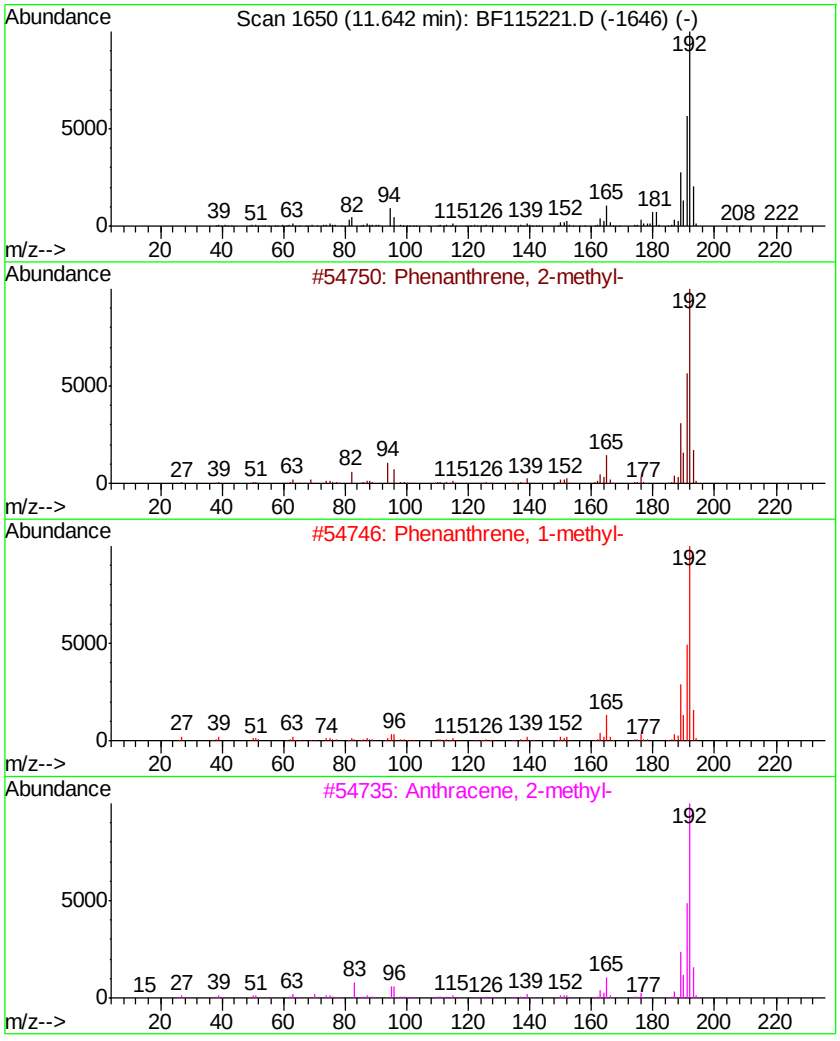
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

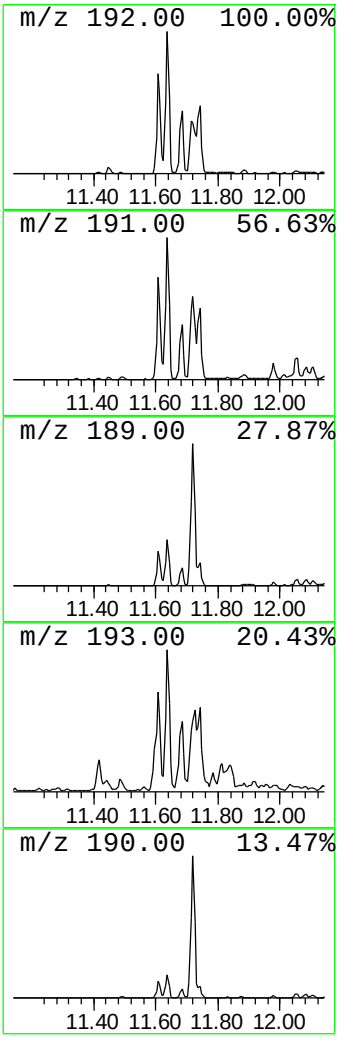
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	9.43 ng	1164190	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : K3164-05
Misc :
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Instrument : BNA_F
ClientSampleId : BAT-B07

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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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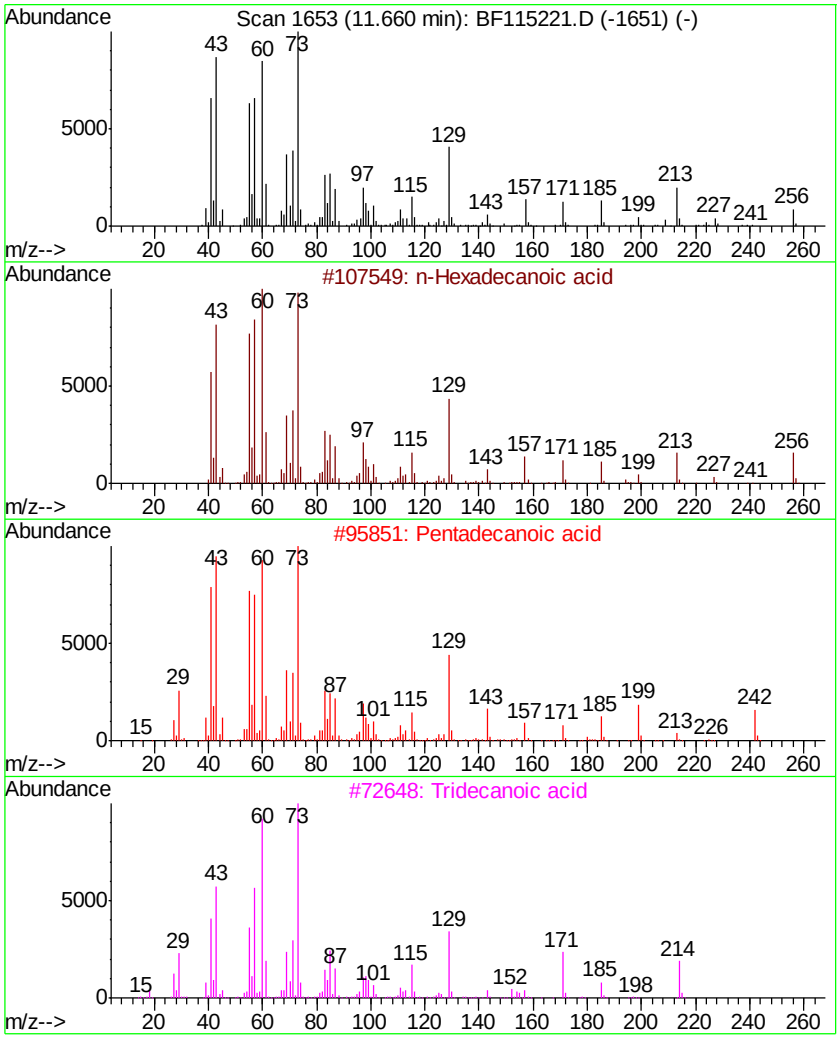
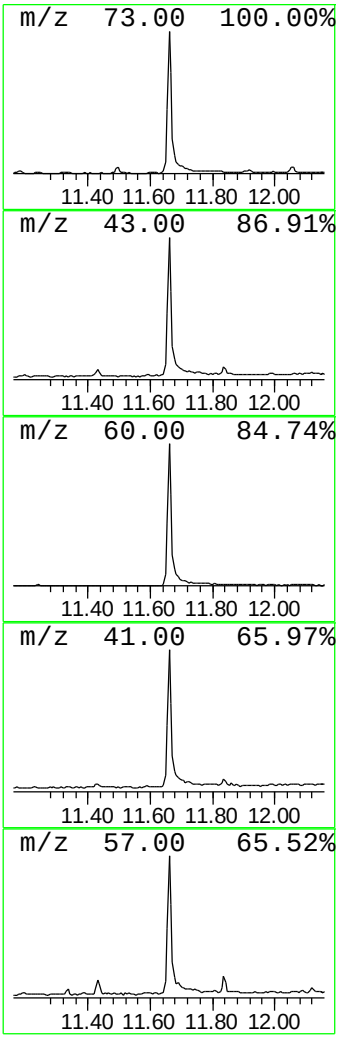
Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.37 ng	662923	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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ClientSampleId : BAT-B07

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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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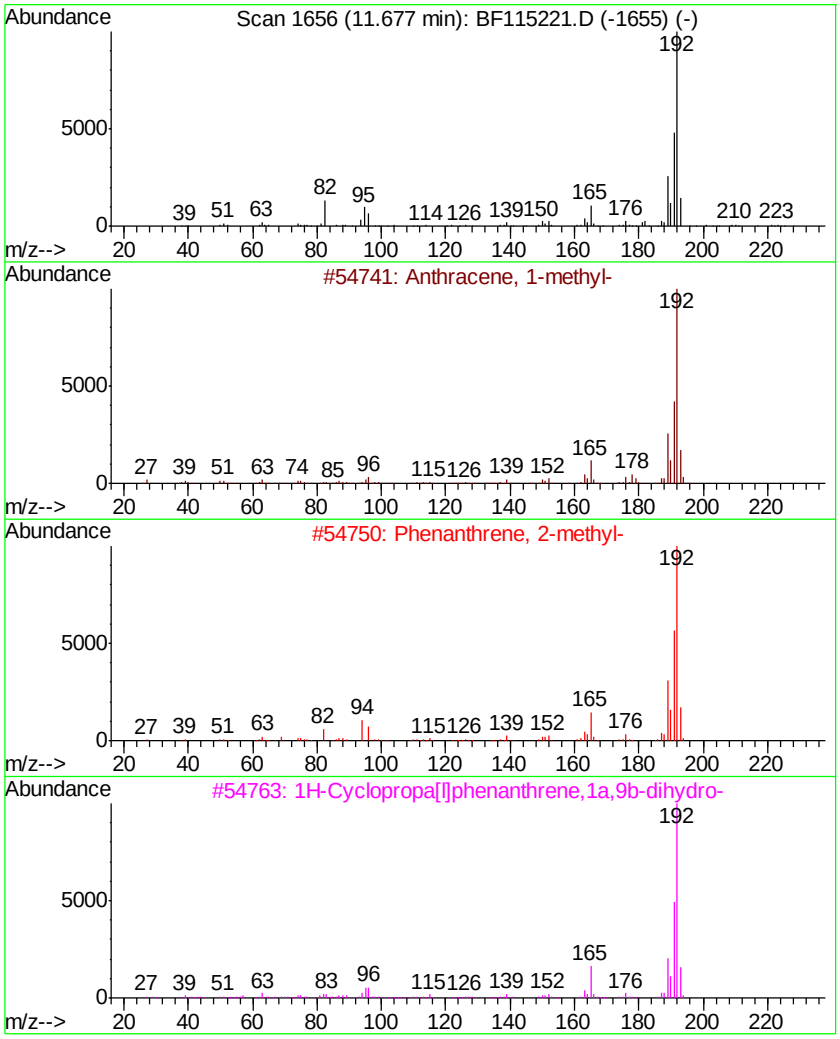
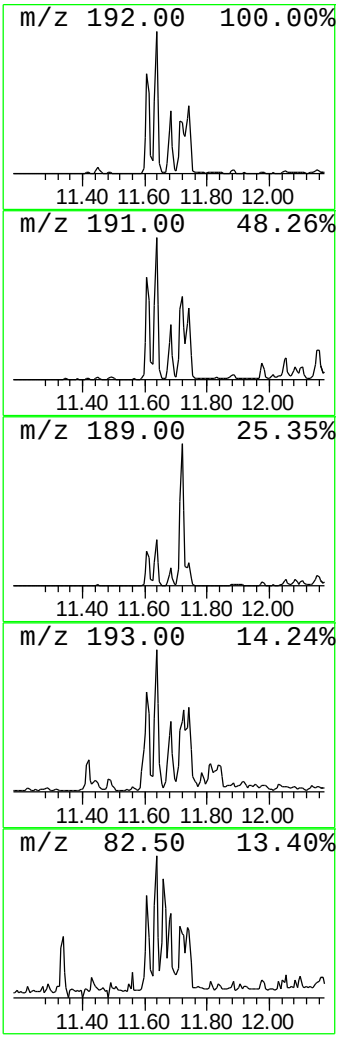
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.32 ng	532677	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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ClientSampleId : BAT-B07

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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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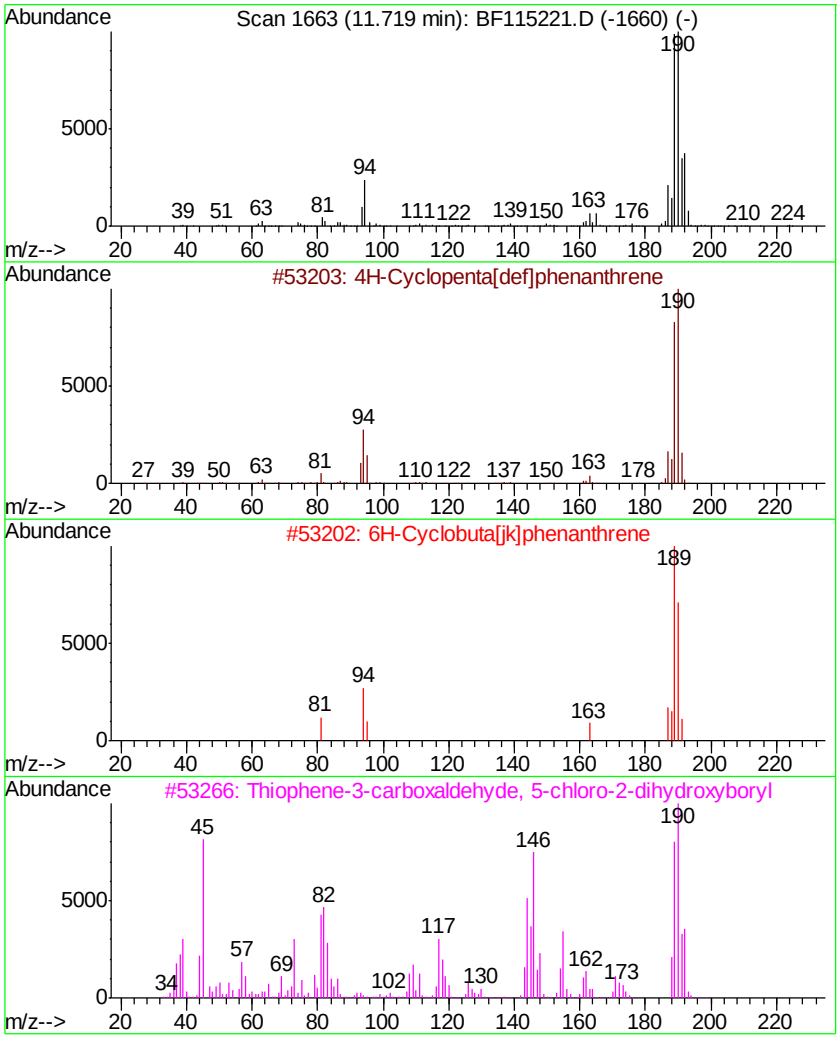
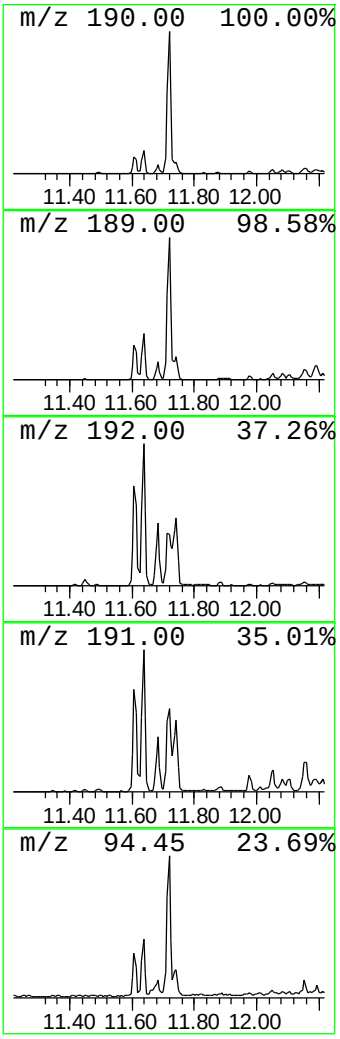
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	12.96 ng	1599920	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





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Instrument : BNA_F
ClientSampleId : BAT-B07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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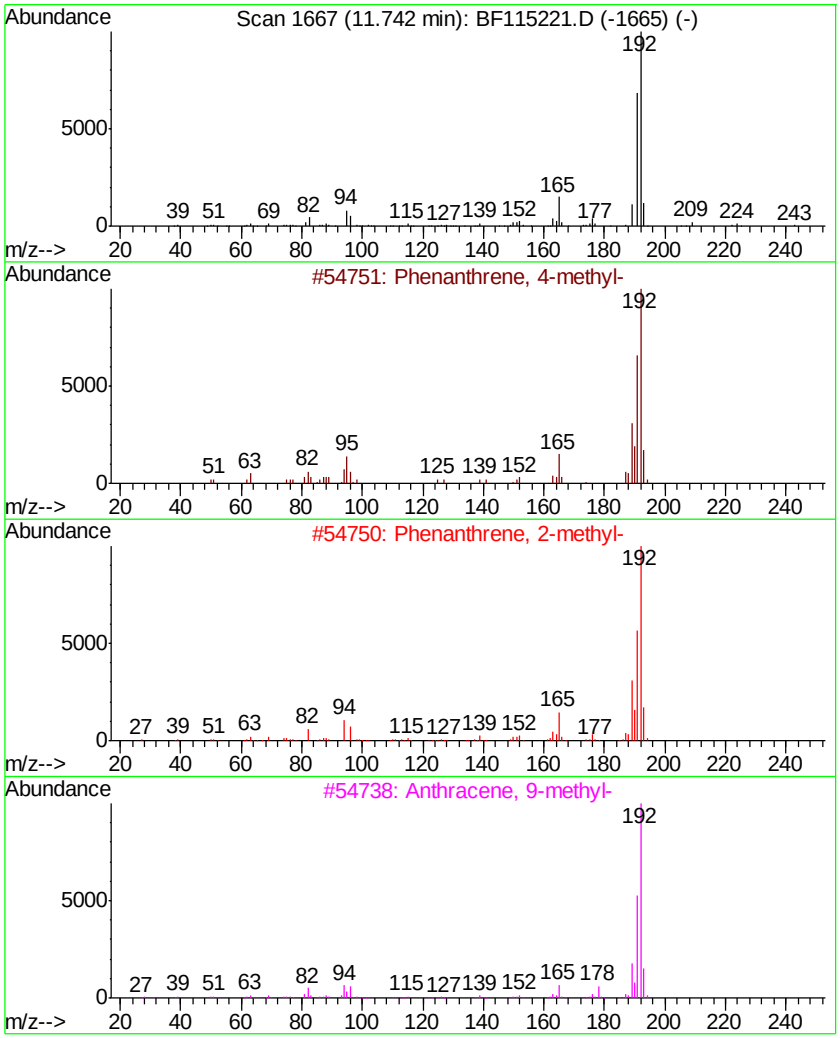
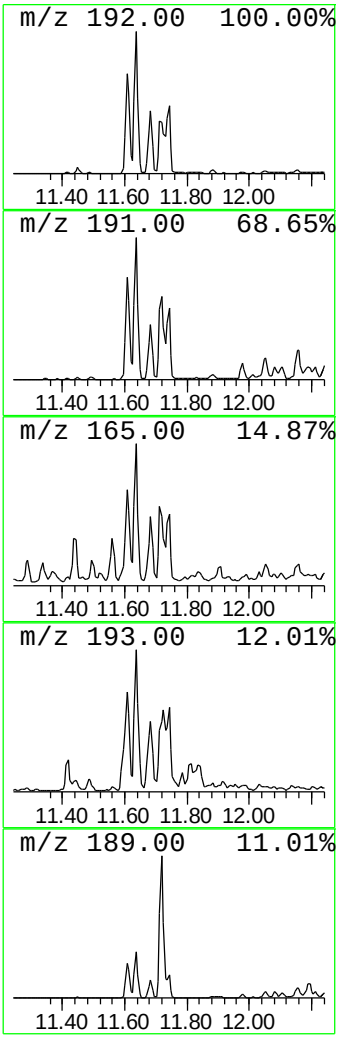
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.02 ng	496064	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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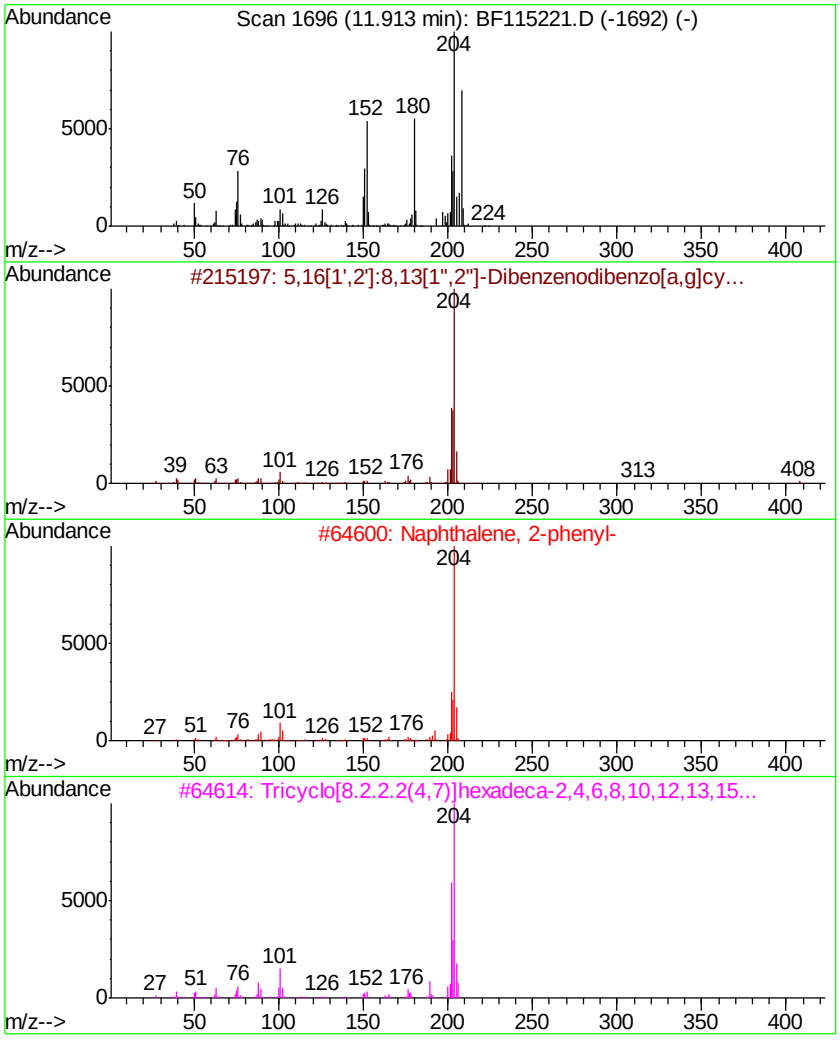
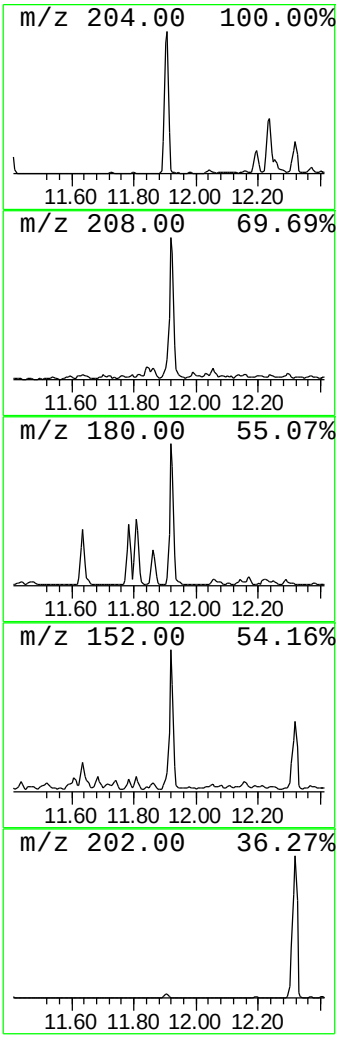
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.83 ng	596042	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Levamisole	204	C11H12N2S	014769-73-4	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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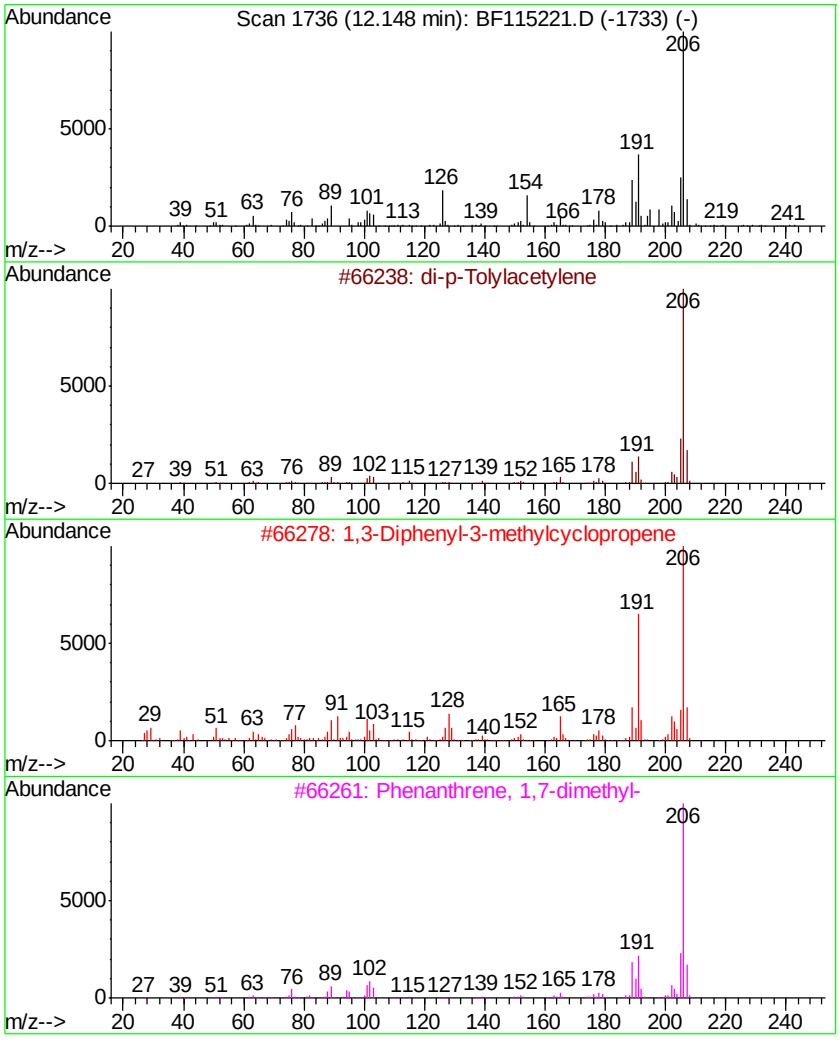
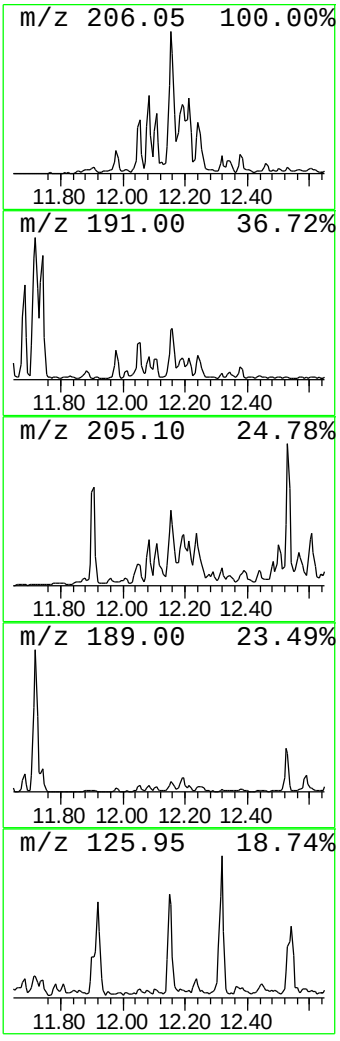
Peak Number 12 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.81 ng	470344	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83





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Misc :
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Instrument : BNA_F
ClientSampleId : BAT-B07

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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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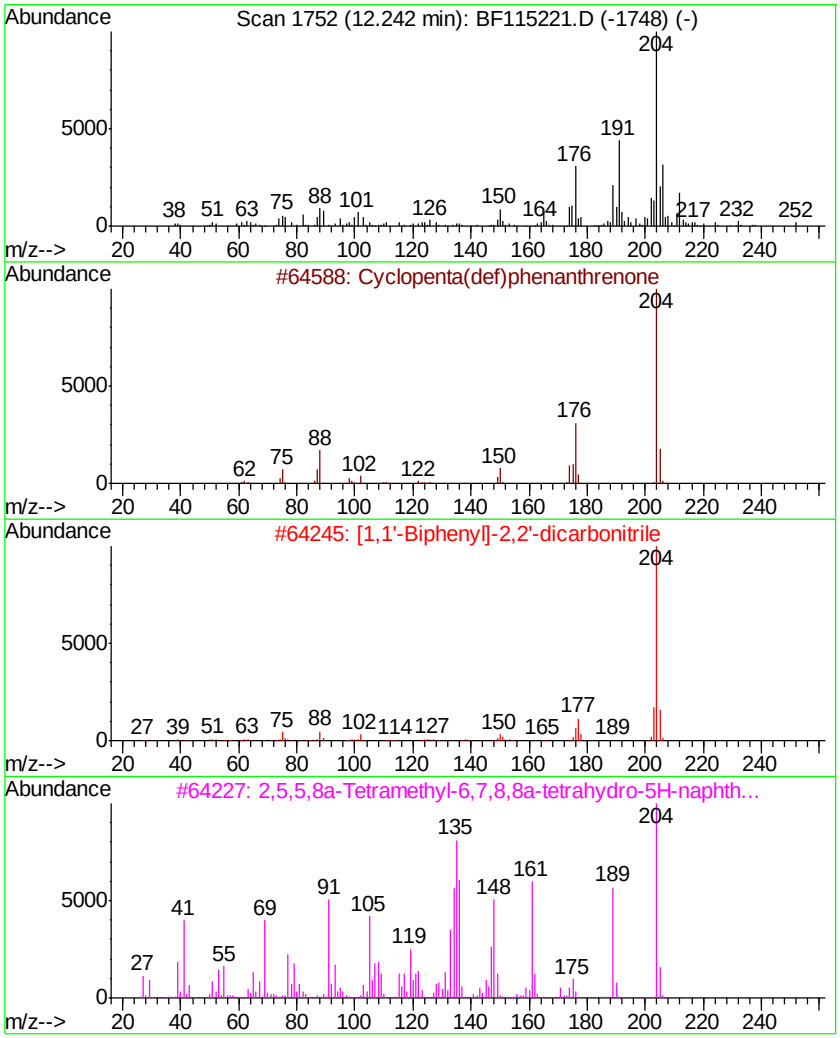
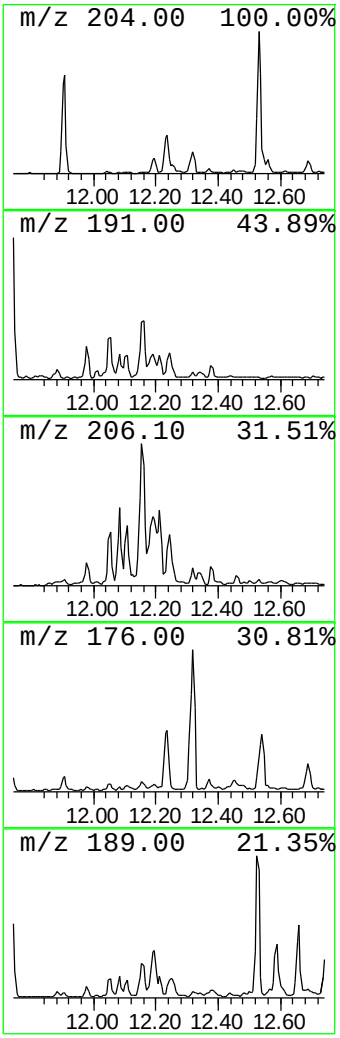
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.48 ng	429660	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	42
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	38





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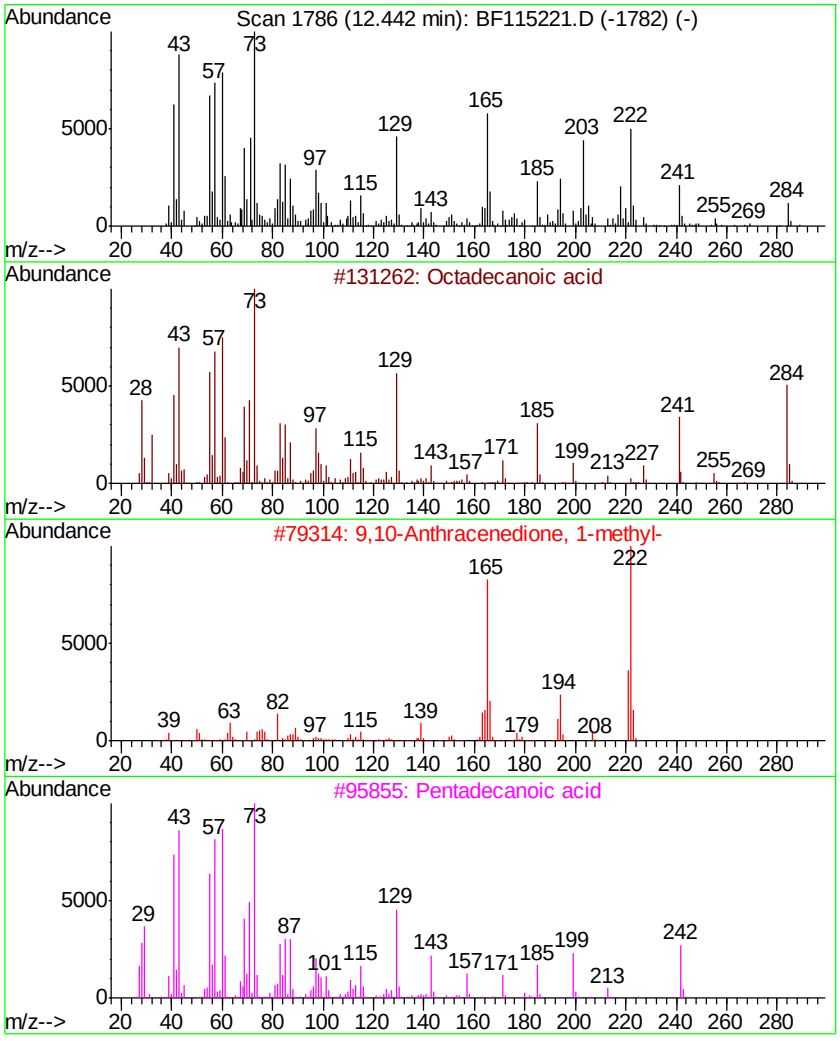
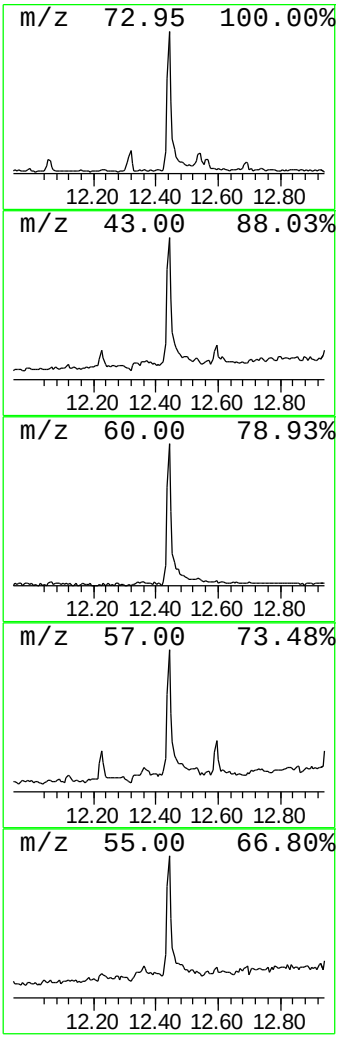
Peak Number 14 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.30 ng	971592	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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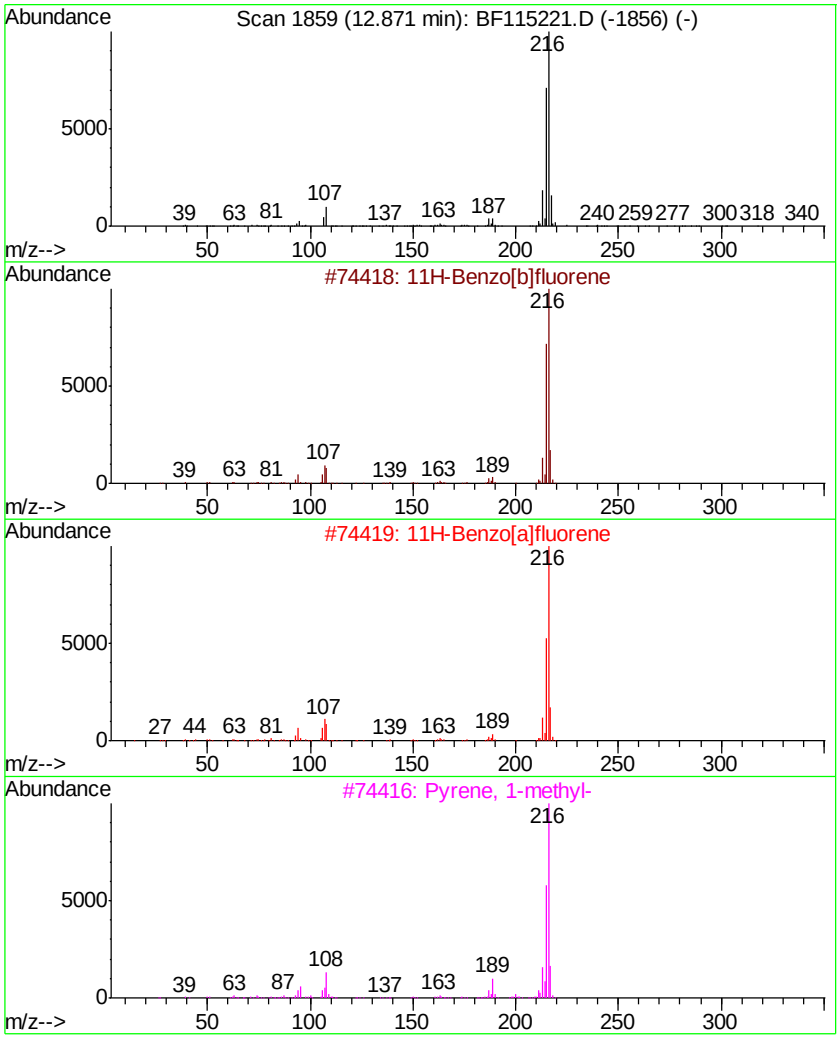
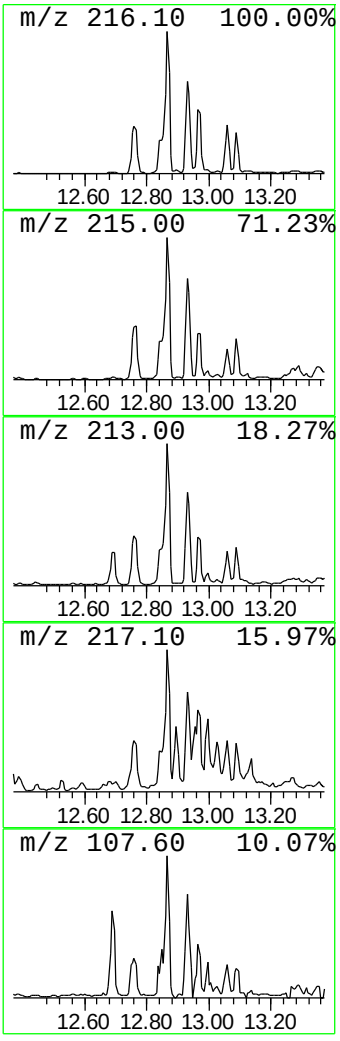
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.23 ng	950676	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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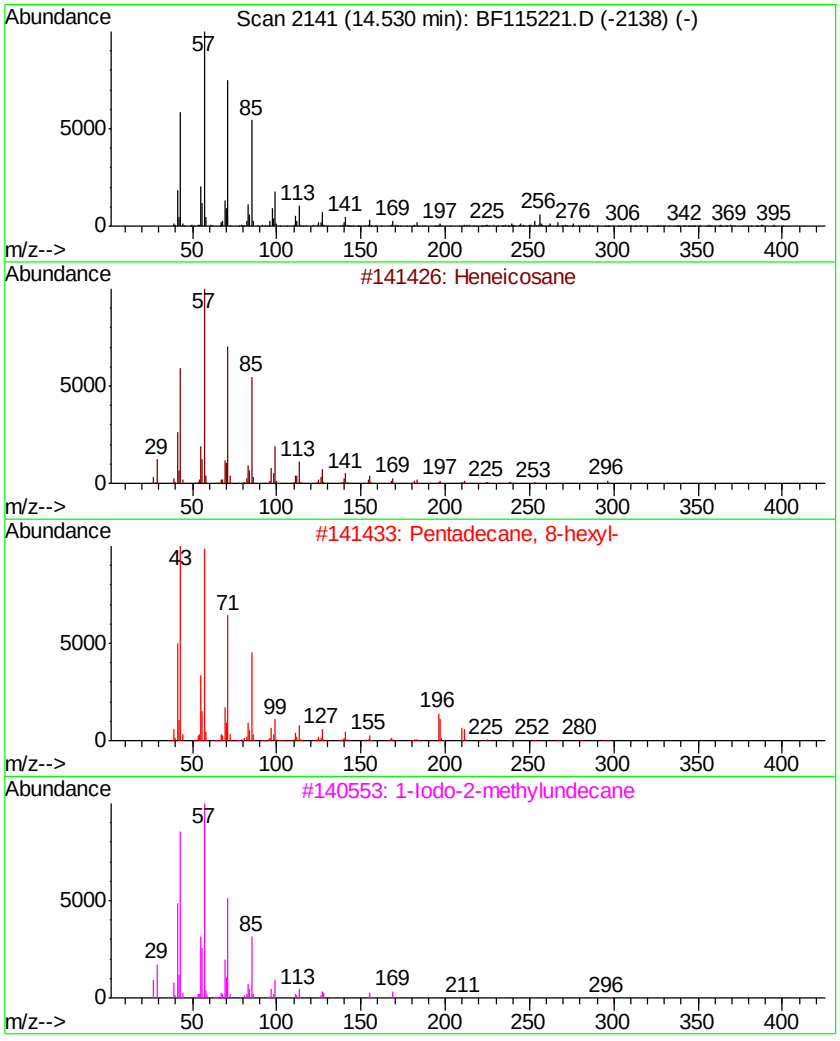
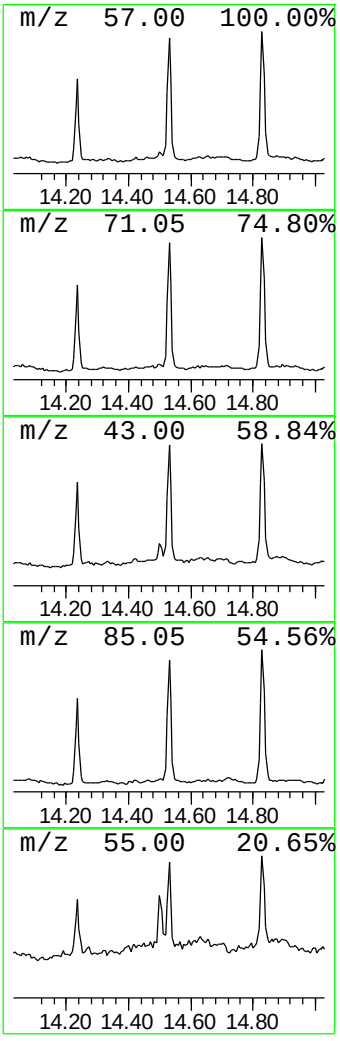
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	5.76 ng	525349	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Octacosane	394	C28H58	000630-02-4	86





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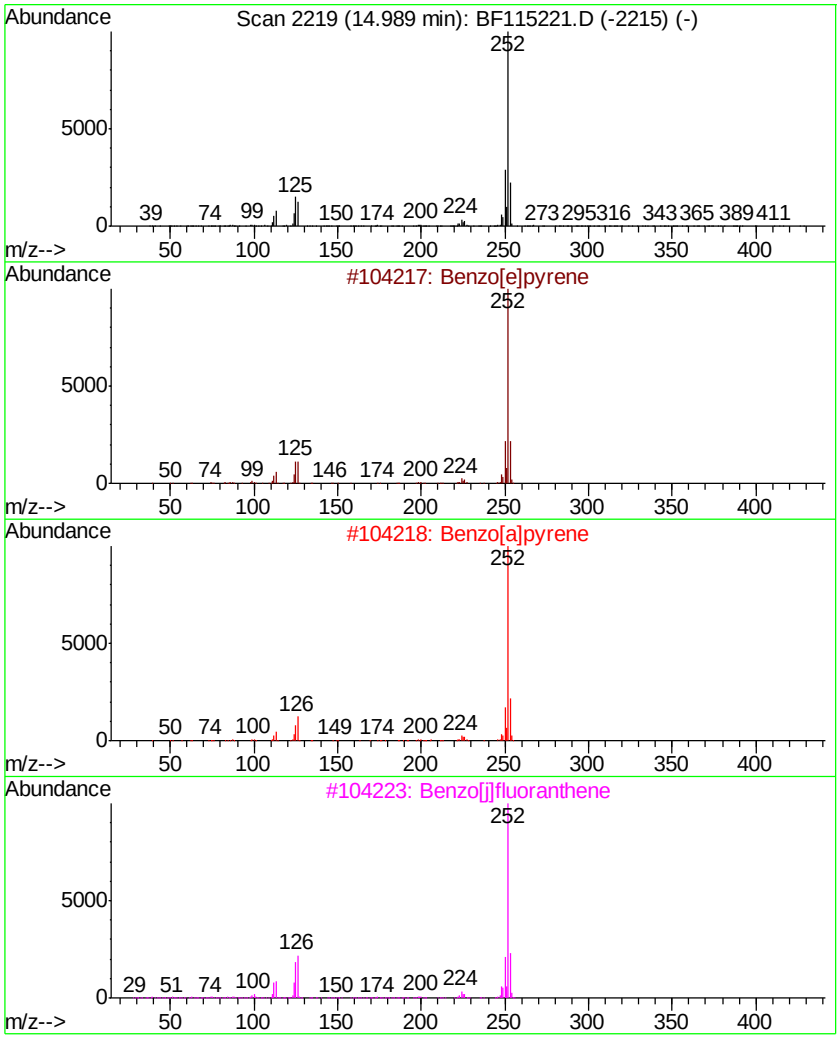
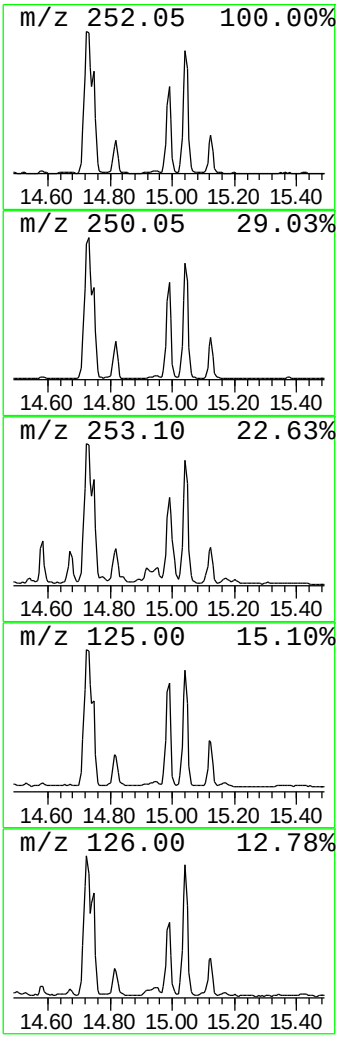
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	17.42 ng	1587660	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	89





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Misc :
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Instrument : BNA_F
ClientSampleId : BAT-B07

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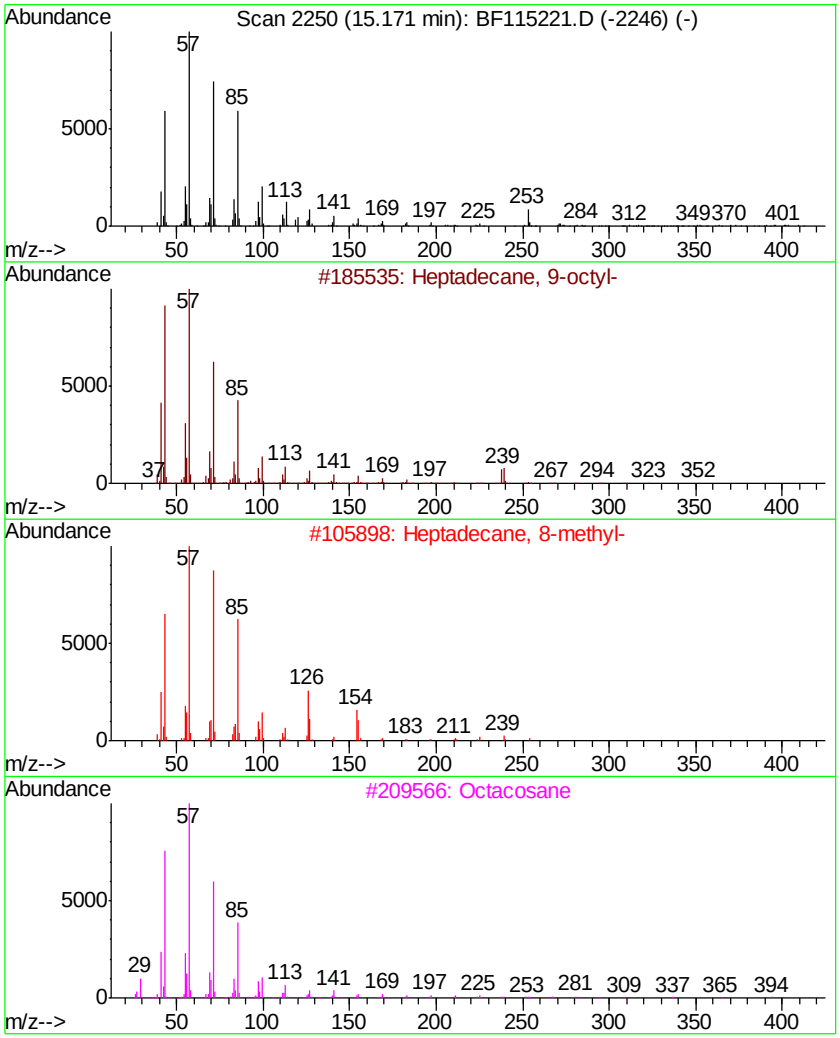
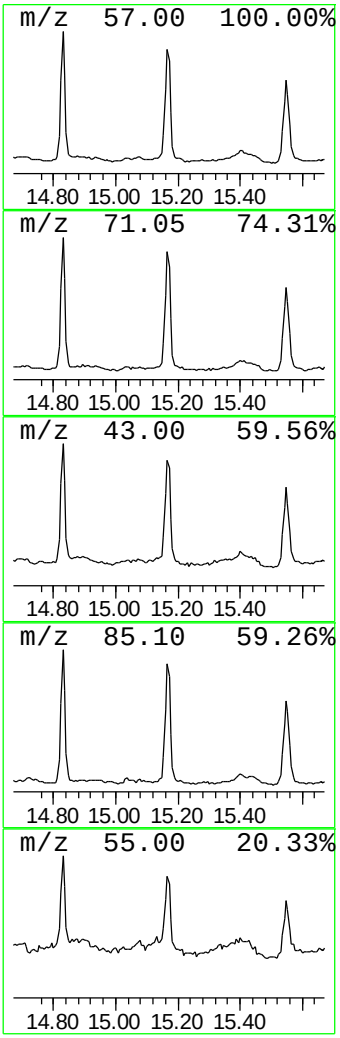
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.97 ng	544239	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115221.D
Acq On : 26 Jun 2019 16:10
Operator : HP/JU
Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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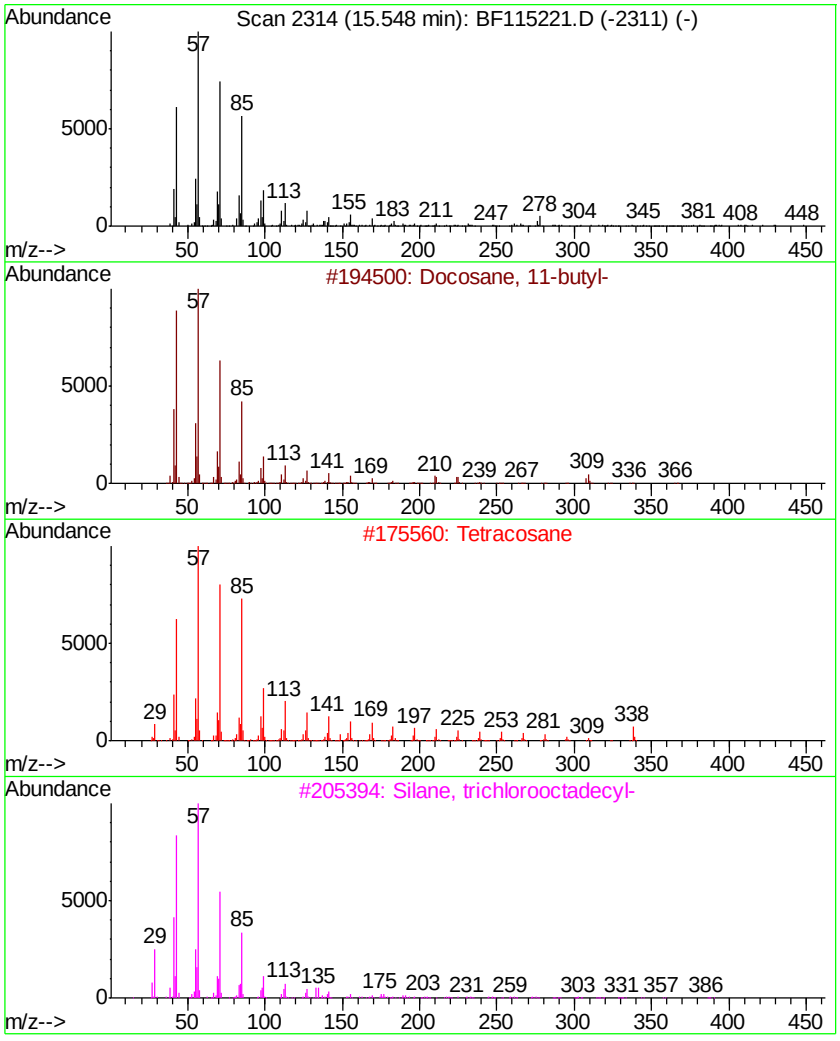
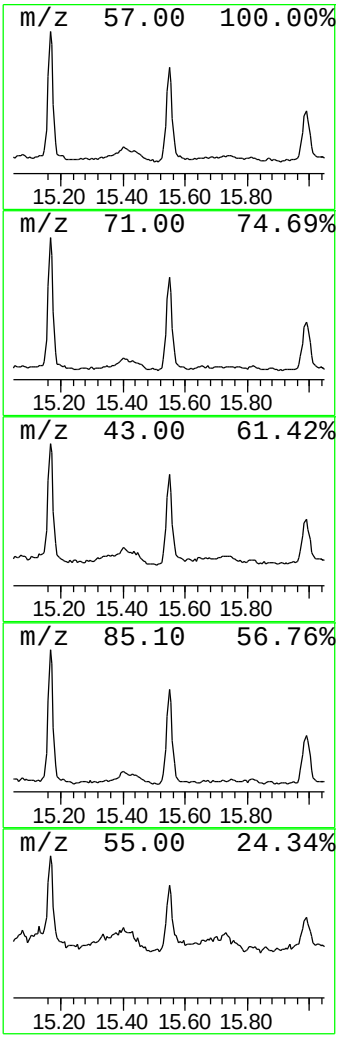
Peak Number 20 Docosane, 11-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	4.95 ng	451470	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062619\
Data File : BF115221.D
Acq On : 26 Jun 2019 16:10
Operator : HP/JU
Sample : K3164-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.38	6.38	54.0	ng	4198620	1	6.61	1553860	20.0
9H-Fluoren-9-one	10.91	3.2	ng	396943	4	11.11	2468910	20.0
Dibenzothiophene	11.00	3.6	ng	444124	4	11.11	2468910	20.0
Phenanthrene, 2-m...	11.61	7.2	ng	882945	4	11.11	2468910	20.0
Phenanthrene, 1-m...	11.64	9.4	ng	1164190	4	11.11	2468910	20.0
n-Hexadecanoic acid	11.66	5.4	ng	662923	4	11.11	2468910	20.0
Anthracene, 1-met...	11.68	4.3	ng	532677	4	11.11	2468910	20.0
4H-Cyclopenta[def...	11.72	13.0	ng	1599920	4	11.11	2468910	20.0
Phenanthrene, 4-m...	11.74	4.0	ng	496064	4	11.11	2468910	20.0
5,16[1',2']:8,13[...	11.91	4.8	ng	596042	4	11.11	2468910	20.0
di-p-Tolylacetylene	12.15	3.8	ng	470344	4	11.11	2468910	20.0
Cyclopenta(def)ph...	12.24	3.5	ng	429660	4	11.11	2468910	20.0
Octadecanoic acid	12.44	3.3	ng	971592	5	13.73	5890990	20.0
11H-Benzo[b]fluorene	12.87	3.2	ng	950676	5	13.73	5890990	20.0
Heneicosane	14.53	5.8	ng	525349	6	15.10	1823310	20.0
Benzo[e]pyrene	14.99	17.4	ng	1587660	6	15.10	1823310	20.0
Heptadecane, 9-oc...	15.17	6.0	ng	544239	6	15.10	1823310	20.0
Docosane, 11-butyl-	15.55	5.0	ng	451470	6	15.10	1823310	20.0