LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

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-BF042219.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	5.510	578	582	592	rBV	1320779	1331572	51.60%	2.419%
2	6.516	746	753	756	rBV	1583787	1372786	53.20%	2.494%
3	6.663	774	778	781	rBV	1763243	1471345	57.02%	2.673%
4	6.892	814	817	821	rBV	959419	788454	30.56%	1.432%
5	7.051	840	844	847	rBV	1440419	1157584	44.86%	2.103%
6	7.451	903	912	917	rBV	911201	917740	35.57%	1.667%
7	8.175	1030	1035	1038	rBV	1195406	1081819	41.92%	1.965%
8	8.769	1133	1136	1140	rBV3	82445	80162	3.11%	0.146%
9	8.886	1154	1156	1161	rVB	168502	136067	5.27%	0.247%
10	8.986	1169	1173	1178	rBV	193902	187241	7.26%	0.340%
11	9.245	1214	1217	1221	rBV	1806950	1675579	64.93%	3.044%
12	9.516	1257	1263	1267	rBV	142780	209221	8.11%	0.380%
13	9.586	1270	1275	1278	rVV	268741	289591	11.22%	0.526%
14	9.616	1278	1280	1282	rVV	175761	148643	5.76%	0.270%
15	9.639	1282	1284	1289	rVV	243580	254703	9.87%	0.463%
16	9.704	1292	1295	1301	rVB	140282	162672	6.30%	0.296%
17	9.786	1306	1309	1314	rVB	309525	285958	11.08%	0.520%
18	9.928	1330	1333	1336	rBV	1227996	1081532	41.91%	1.965%
19	9.963	1336	1339	1342	rVB	196131	169790	6.58%	0.308%
20	10.133	1364	1368	1372	rVB	321753	288031	11.16%	0.523%
21	10.169	1372	1374	1383	rVB	113383	112177	4.35%	0.204%
22	10.245	1383	1387	1390	rBV2	109592	119346	4.63%	0.217%
23	10.339	1398	1403	1404	rBV2	75483	89467	3.47%	0.163%
24	10.475	1423	1426	1432	rVB	690160	623082	24.15%	1.132%
25	10.539	1432	1437	1439	rBV2	70771	96829	3.75%	0.176%
26	10.633	1450	1453	1456	rVB	152184	141747	5.49%	0.258%
27	10.716	1462	1467	1471	rBV	1189340	1151310	44.62%	2.092%
28	10.833	1483	1487	1493	rVB4	132092	191410	7.42%	0.348%
29	11.022	1515	1519	1522	rBV2	198285	234595	9.09%	0.426%
30	11.051	1522	1524	1527	rVV2	139334	121190	4.70%	0.220%
31	11.104	1530	1533	1536	rVB	99753	95130	3.69%	0.173%
32	11.151	1536	1541	1543	rBV3	76127	100541	3.90%	0.183%
33	11.175	1543	1545	1549	rVV2	105756	106187	4.12%	0.193%
34	11.216	1549	1552	1556	rVV	120055	124736	4.83%	0.227%

LSC Area Percent Report

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Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.280	1561	1563	1565	rVV	95425	95287	3.69%	0.173%
36	11.310	1565	1568	1573	rVB	284124	273559	10.60%	0.497%
37	11.416	1582	1586	1588	rBV	1167115	1174715	45.52%	2.134%
38	11.439	1588	1590	1593	rVV	2885640	2537541	98.34%	4.610%
39	11.486	1595	1598	1601	rVV	613716	548205	21.24%	0.996%
40	11.522	1601	1604	1607	rVB2	84037	94468	3.66%	0.172%
41	11.639	1619	1624	1626	rBV2	146966	165231	6.40%	0.300%
42	11.710	1633	1636	1638	rBV	166860	128389	4.98%	0.233%
43	11.745	1638	1642	1648	rVB2	161243	181729	7.04%	0.330%
44	11.804	1649	1652	1655	rBV	1003149	832208	32.25%	1.512%
45	11.916	1665	1671	1673	rBV	586674	523722	20.30%	0.951%
46	11.939	1673	1675	1680	rVV	832060	829675	32.15%	1.507%
47	11.992	1680	1684	1686	rVV	178486	166664	6.46%	0.303%
48	12.027	1686	1690	1692	rVV	807816	849969	32.94%	1.544%
49	12.051	1692	1694	1698	rVB	399855	329690	12.78%	0.599%
50	12.116	1703	1705	1708	rVV2	97569	85522	3.31%	0.155%
51	12.210	1718	1721	1723	rBV	332775	278552	10.79%	0.506%
52	12.233	1723	1725	1729	rVB2	242726	217222	8.42%	0.395%
53	12.392	1749	1752	1754	rBV	124344	102336	3.97%	0.186%
54	12.463	1758	1764	1766	rBV	338815	369884	14.33%	0.672%
55	12.492	1766	1769	1771	rBV	2721565	2502466	96.98%	4.546%
56	12.516	1771	1773	1777	rVB	3277342	2580418	100.00%	4.688%
57	12.598	1784	1787	1789	rBV	434059	354083	13.72%	0.643%
58	12.627	1789	1792	1795	rBV	2657127	2318073	89.83%	4.211%
59	12.722	1805	1808	1811	rBV	334339	281254	10.90%	0.511%
60	12.780	1815	1818	1821	rVV3	80203	85947	3.33%	0.156%
61	12.857	1825	1831	1836	rBV2	2334754	2546560	98.69%	4.627%
62	12.904	1836	1839	1844	rVB2	116261	183804	7.12%	0.334%
63	12.974	1848	1851	1852	rBV2	151791	152980	5.93%	0.278%
64	12.992	1852	1854	1862	rVB	1445246	1428428	55.36%	2.595%
65	13.074	1863	1868	1871	rBV2	239969	379420	14.70%	0.689%
66	13.157	1879	1882	1884	rBV2	181417	214321	8.31%	0.389%
67	13.180	1884	1886	1889	rVB	535441	460700	17.85%	0.837%
68	13.245	1889	1897	1900	rBV	409061	497234	19.27%	0.903%
69	13.286	1900	1904	1907	rBV2	342395	325298	12.61%	0.591%
70	13.380	1917	1920	1922	rBV	199517	175584	6.80%	0.319%
71	13.410	1922	1925	1929	rBV	229384	197192	7.64%	0.358%

LSC Area Percent Report

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Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.492	1935	1939	1943	rVB5	56004	82938	3.21%	0.151%
73	13.586	1948	1955	1956	rBV6	103137	190947	7.40%	0.347%
74	13.686	1969	1972	1977	rVB	219418	261087	10.12%	0.474%
75	13.798	1987	1991	1994	rBV2	218508	278863	10.81%	0.507%
76	13.827	1994	1996	1998	rVV	251855	208170	8.07%	0.378%
77	13.851	1998	2000	2004	rVV2	196725	259169	10.04%	0.471%
78	13.892	2004	2007	2012	rVB2	254251	272735	10.57%	0.496%
79	14.045	2026	2033	2036	rBV3	1798482	2567791	99.51%	4.665%
80	14.074	2036	2038	2046	rVB	1153706	1224853	47.47%	2.225%
81	14.157	2050	2052	2054	rBV	114185	82734	3.21%	0.150%
82	14.192	2055	2058	2060	rBV	156050	152047	5.89%	0.276%
83	14.268	2068	2071	2075	rBV3	129622	150464	5.83%	0.273%
84	14.398	2091	2093	2095	rBV	86755	82957	3.21%	0.151%
85	14.439	2095	2100	2102	rVV	331555	400856	15.53%	0.728%
86	14.468	2102	2105	2108	rVV	220142	209626	8.12%	0.381%
87	14.521	2109	2114	2118	rVV3	175990	340067	13.18%	0.618%
88	14.563	2118	2121	2123	rVV	240433	247327	9.58%	0.449%
89	14.580	2123	2124	2127	rVB2	178215	140447	5.44%	0.255%
90	14.827	2163	2166	2169	rBV	171013	197982	7.67%	0.360%
91	15.098	2207	2212	2215	rBV	932646	1511864	58.59%	2.747%
92	15.174	2222	2225	2227	rBV	161891	154117	5.97%	0.280%
93	15.204	2227	2230	2235	rVB	248907	254537	9.86%	0.462%
94	15.404	2260	2264	2270	rVB	588013	785913	30.46%	1.428%
95	15.468	2270	2275	2280	rBV	894717	1131785	43.86%	2.056%
96	15.533	2281	2286	2289	rVV	838264	1175707	45.56%	2.136%
97	15.563	2289	2291	2297	rVB2	397705	467548	18.12%	0.849%
98	16.010	2364	2367	2373	rVB2	116204	154588	5.99%	0.281%
99	17.015	2533	2538	2547	rVB2	365274	717096	27.79%	1.303%
100	17.462	2609	2614	2623	rVB	232558	471227	18.26%	0.856%

Sum of corrected areas: 55042009

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
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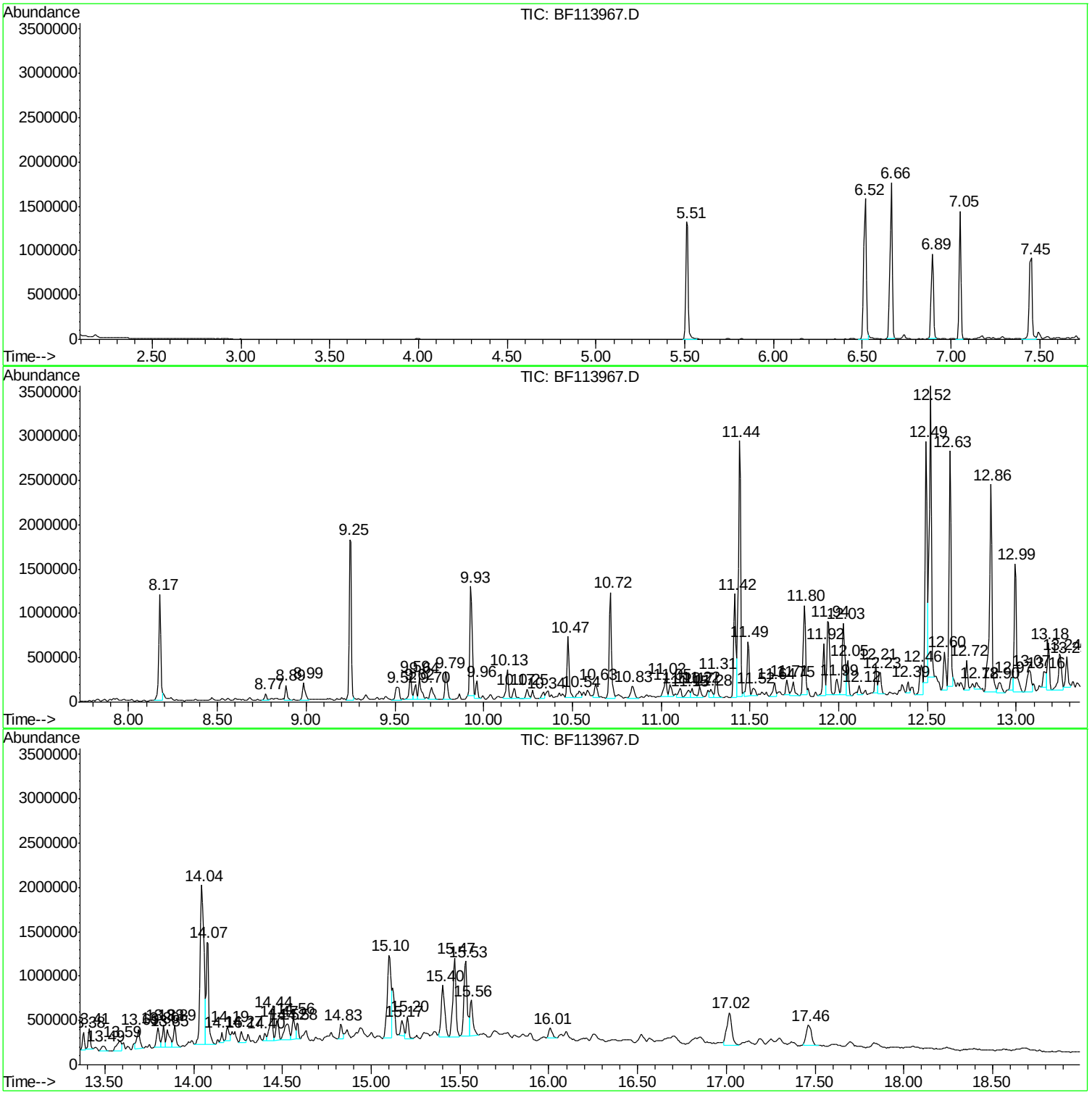
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

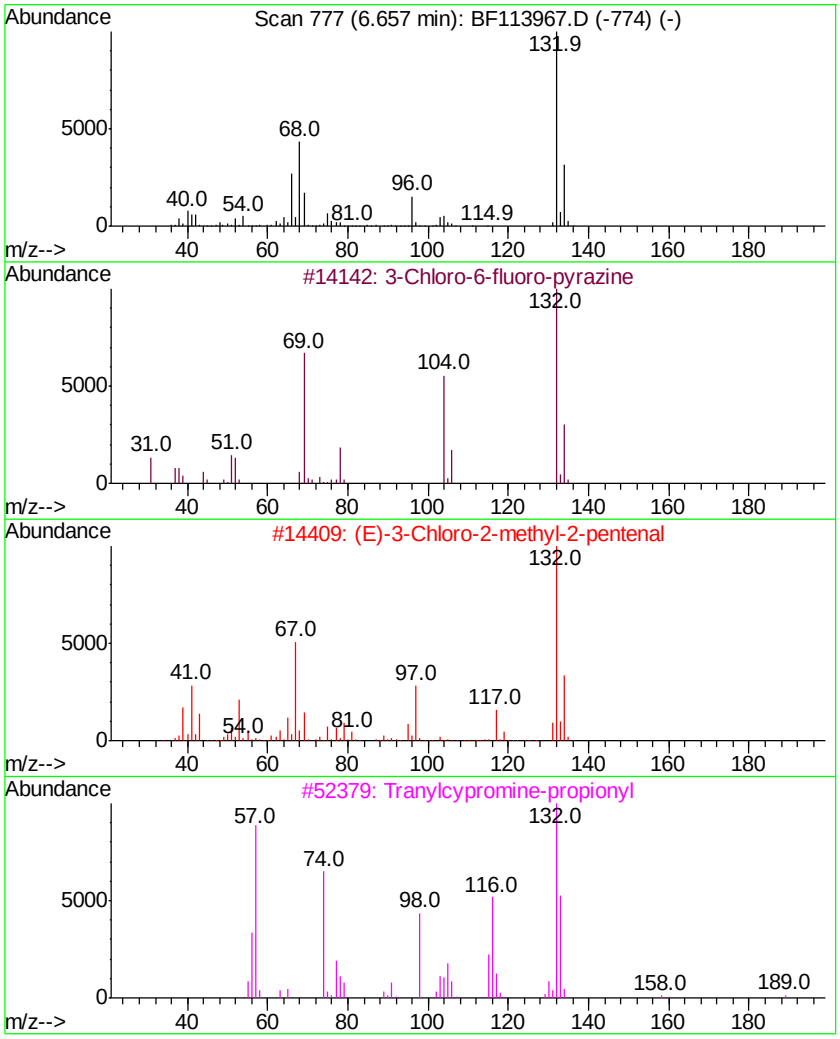
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

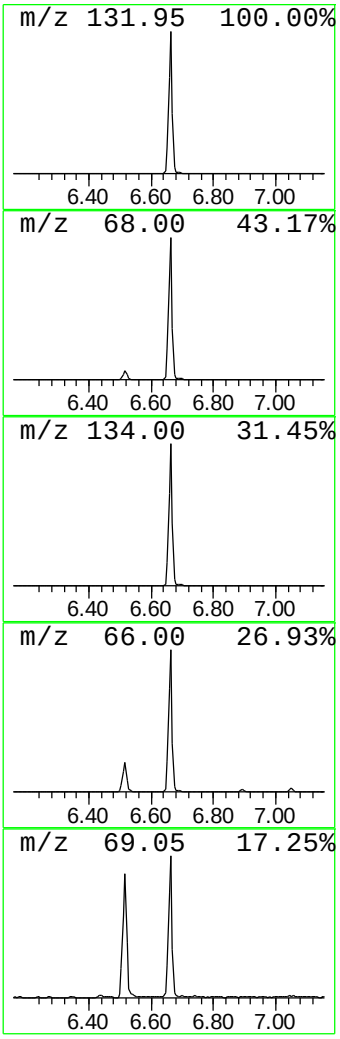
****

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	37.32 ng	1471350	1,4-Dichlorobenzene-d4	6.89

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
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Misc :
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Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

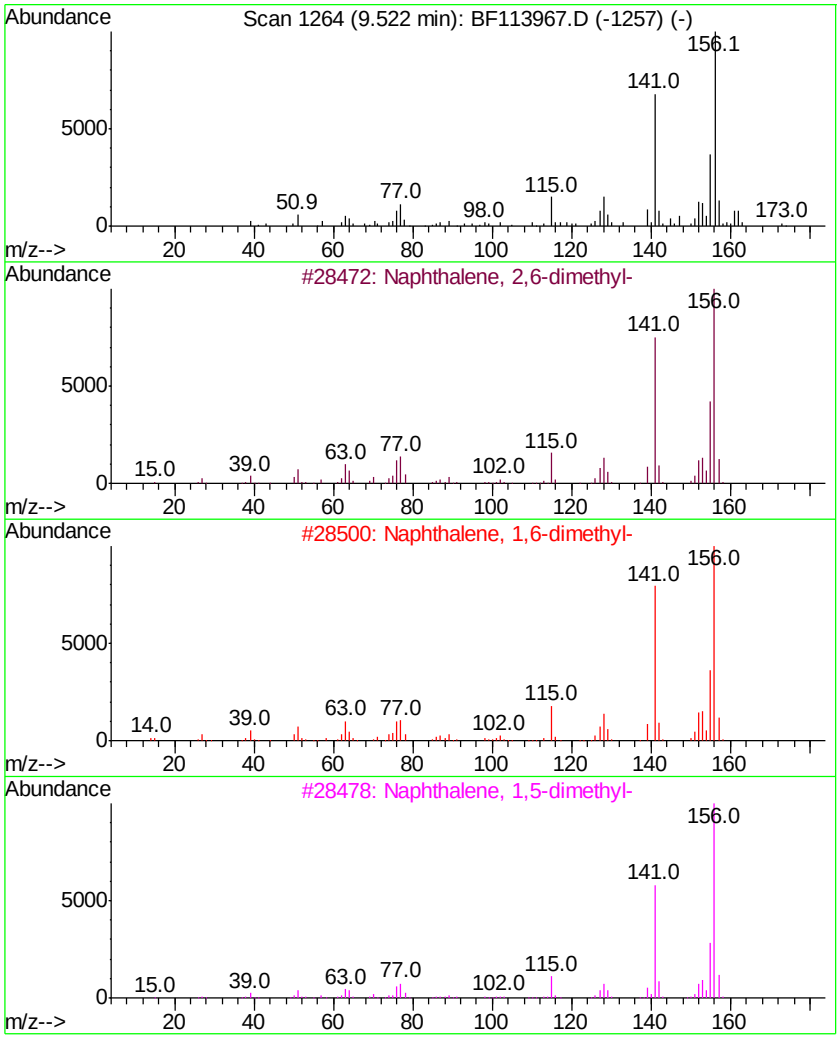
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

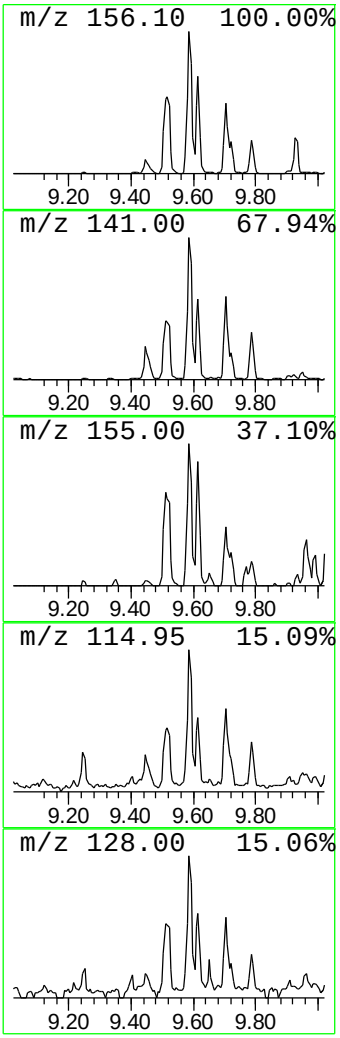
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.87 ng	209221	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Misc :
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Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

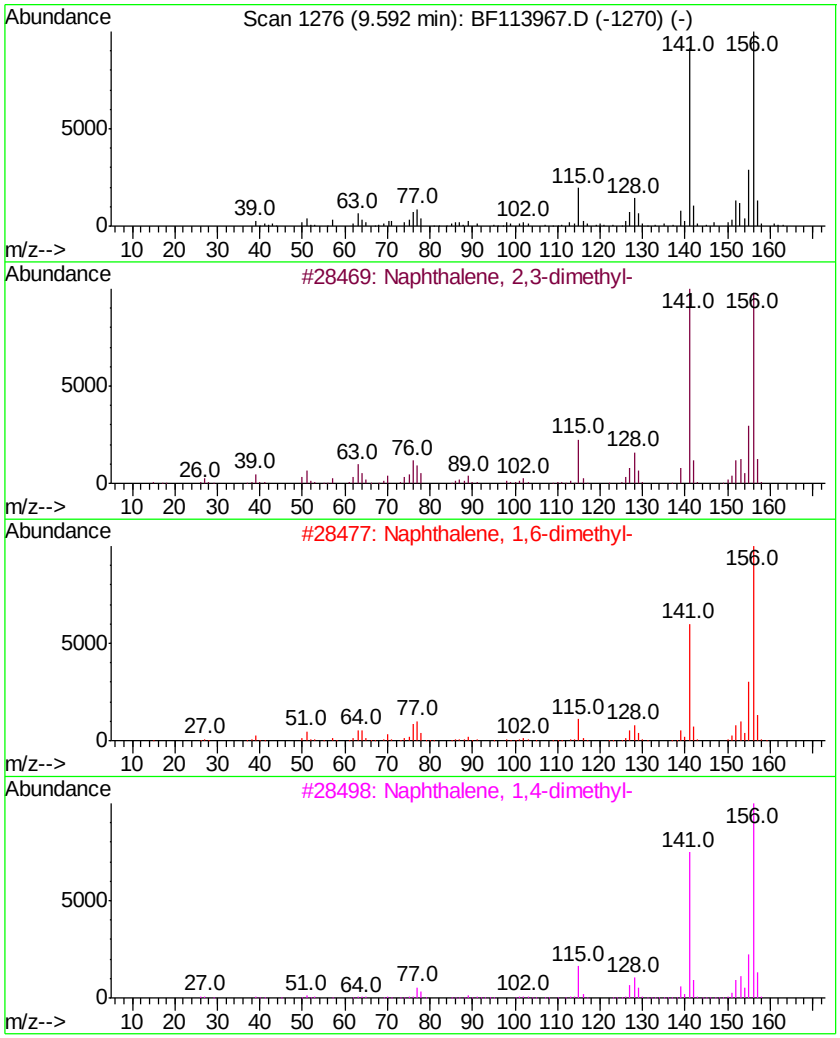
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

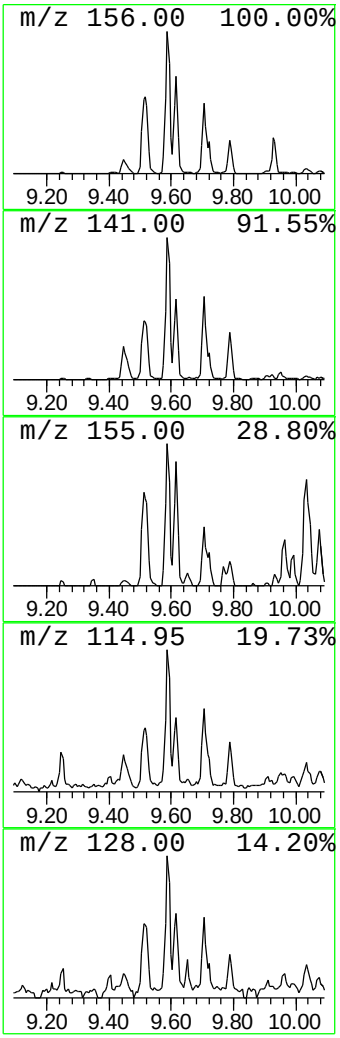
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	5.36 ng	289591	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
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Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

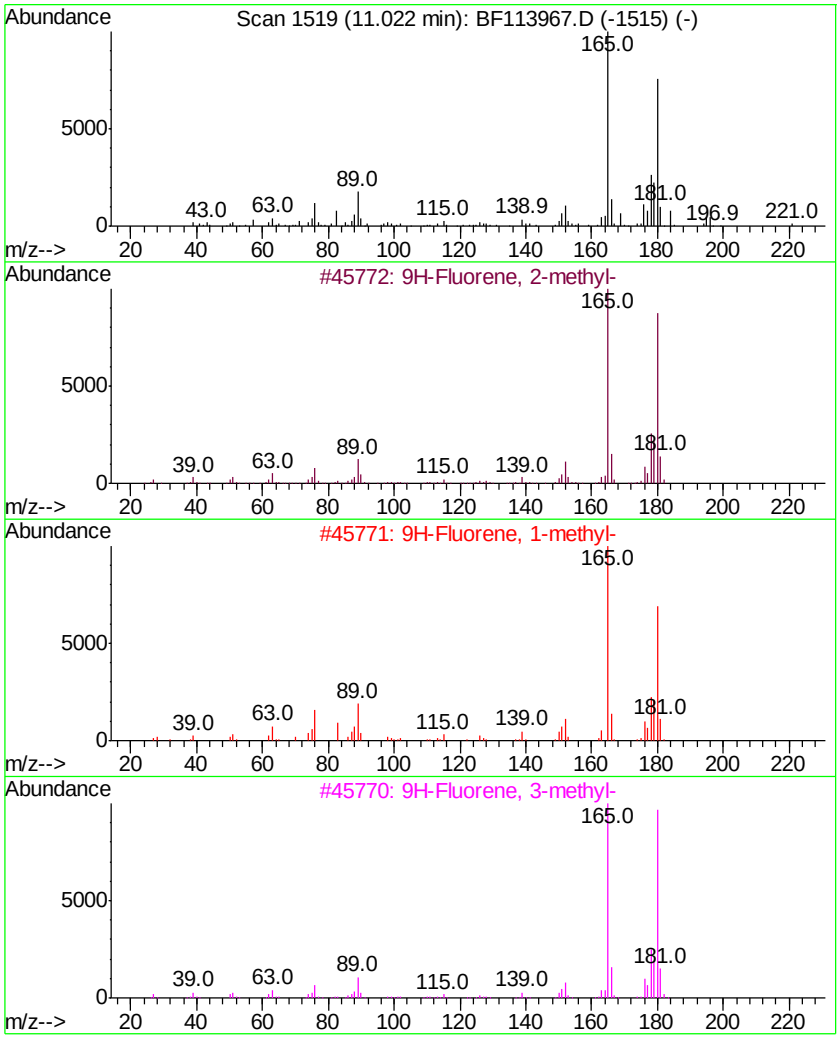
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

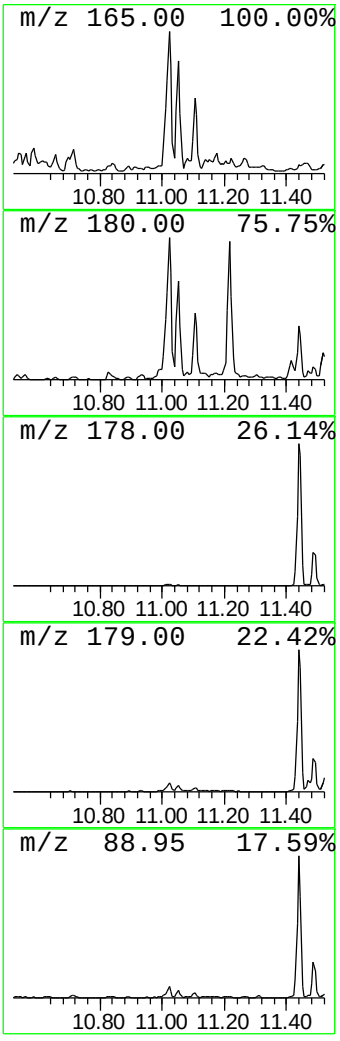
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.99 ng	234595	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

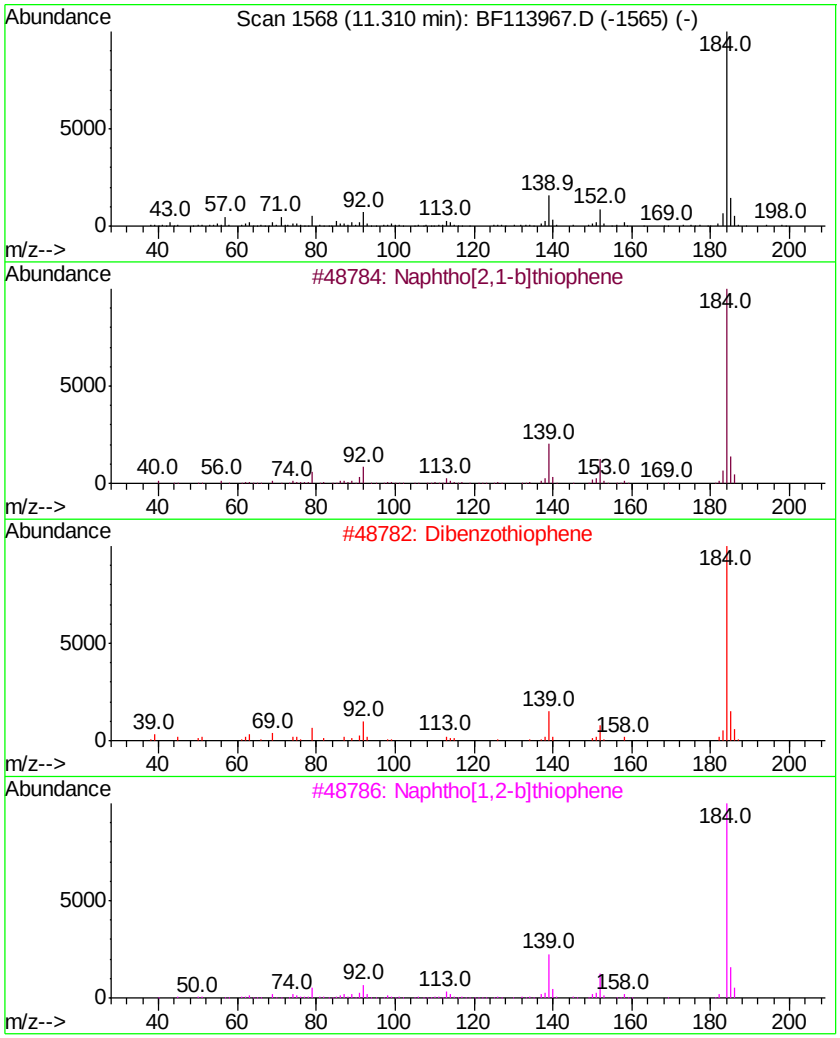
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

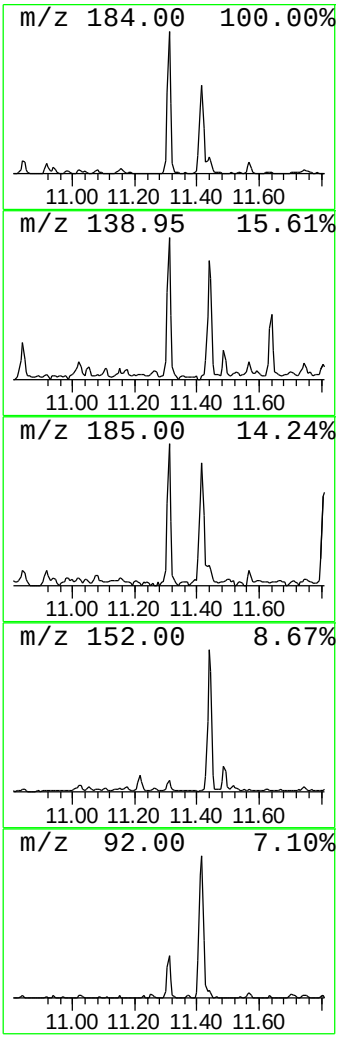
****

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	4.66 ng	273559	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

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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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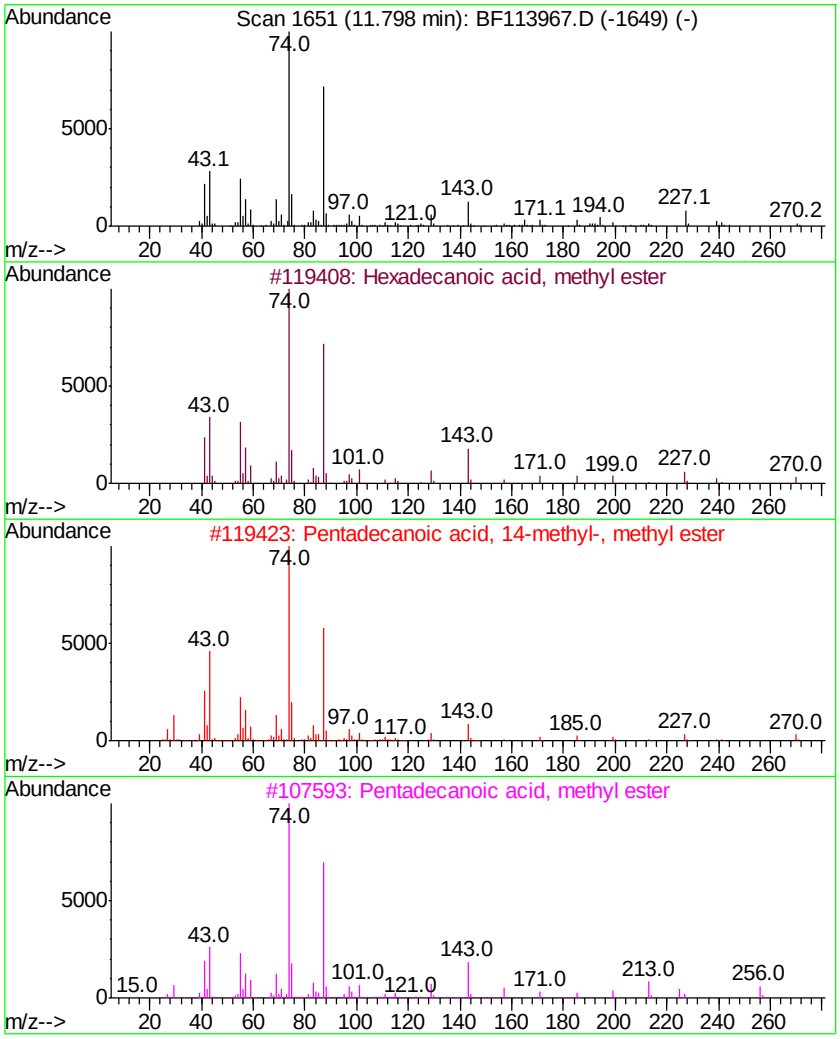
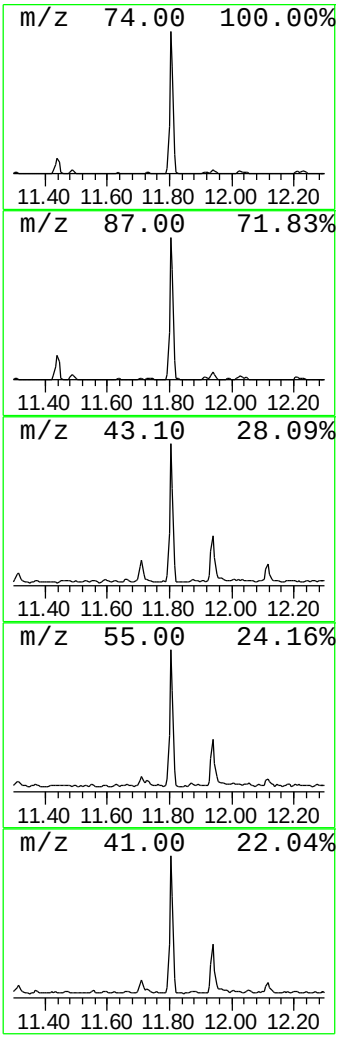
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	14.17 ng	832208	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	74





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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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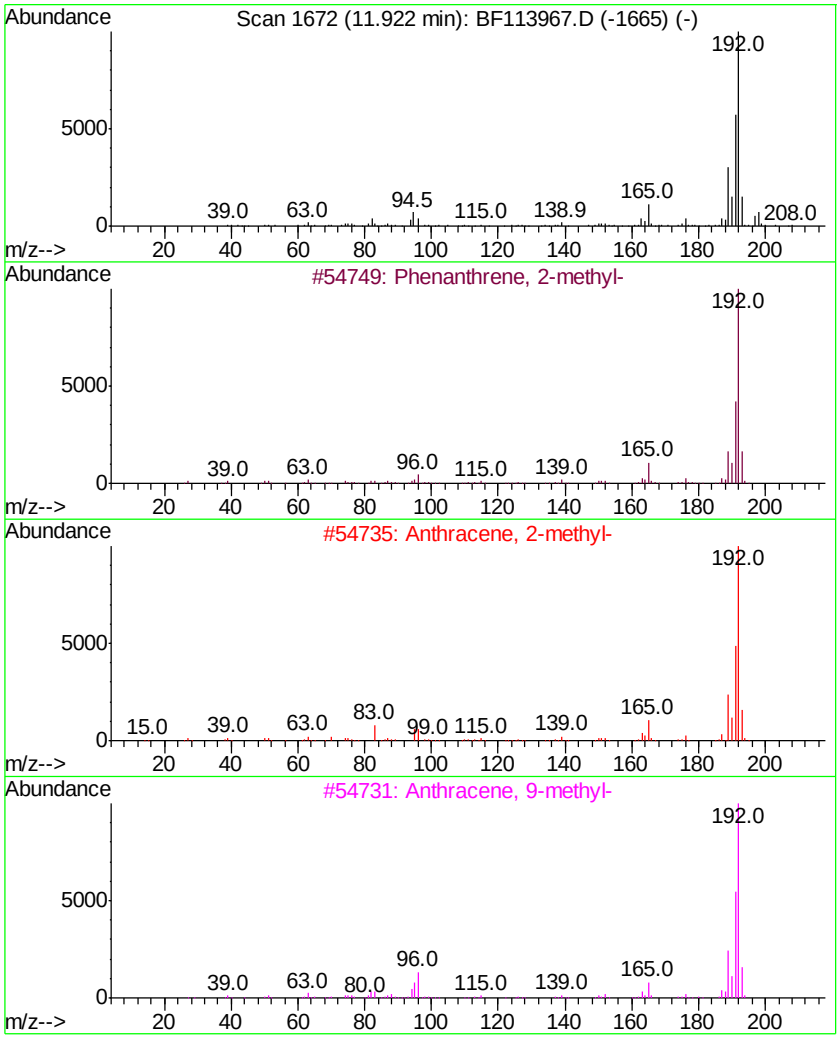
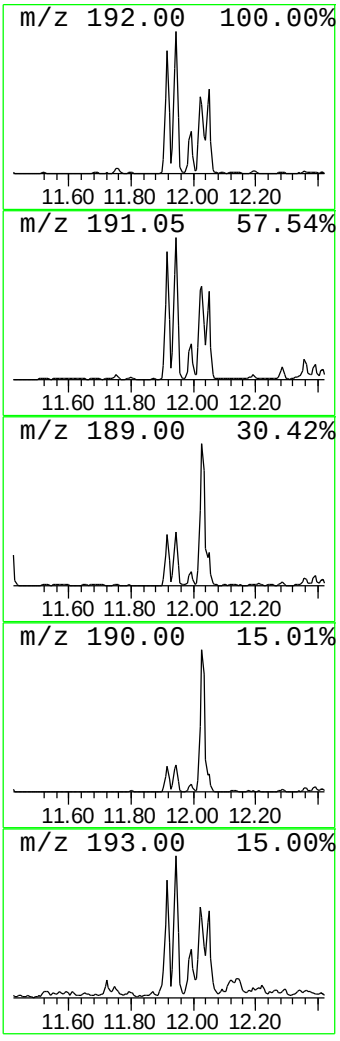
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.92 ng	523722	Phenanthrene-d10	11.42

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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ClientSampleId : EO-02-042319-A

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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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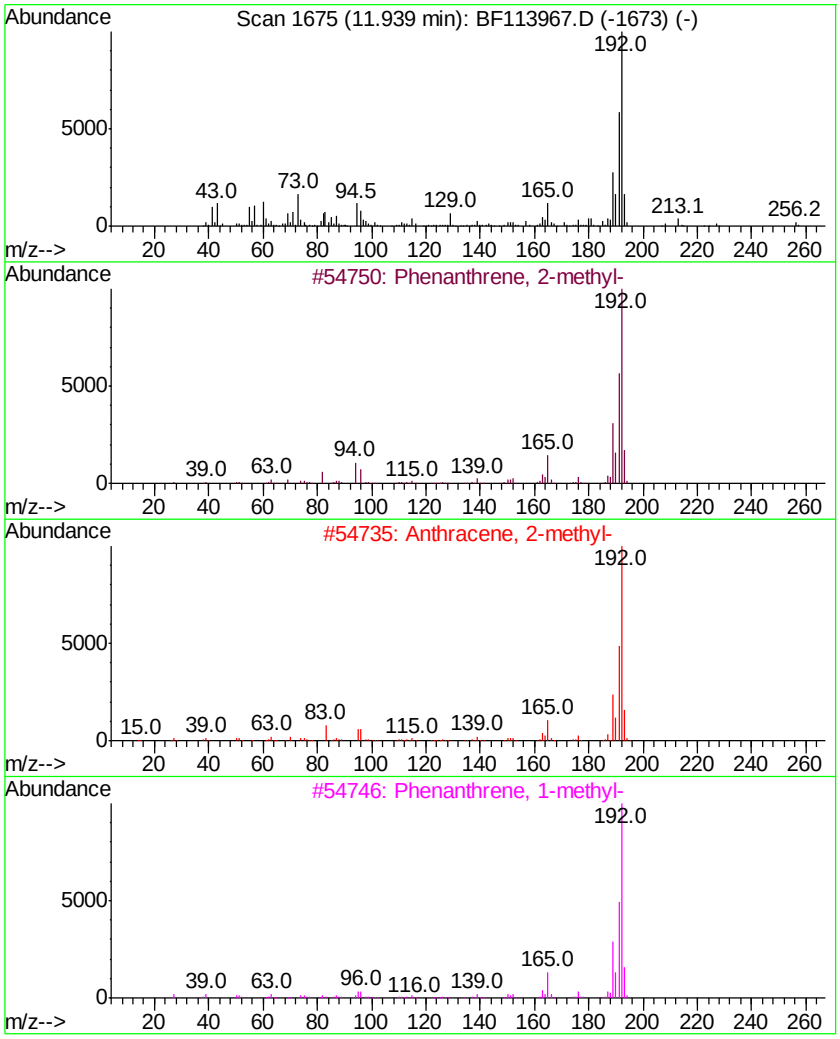
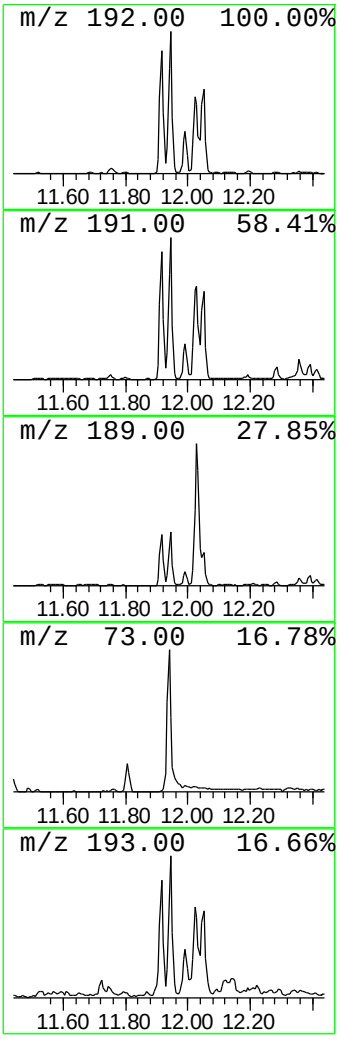
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	14.13 ng	829675	Phenanthrene-d10	11.42

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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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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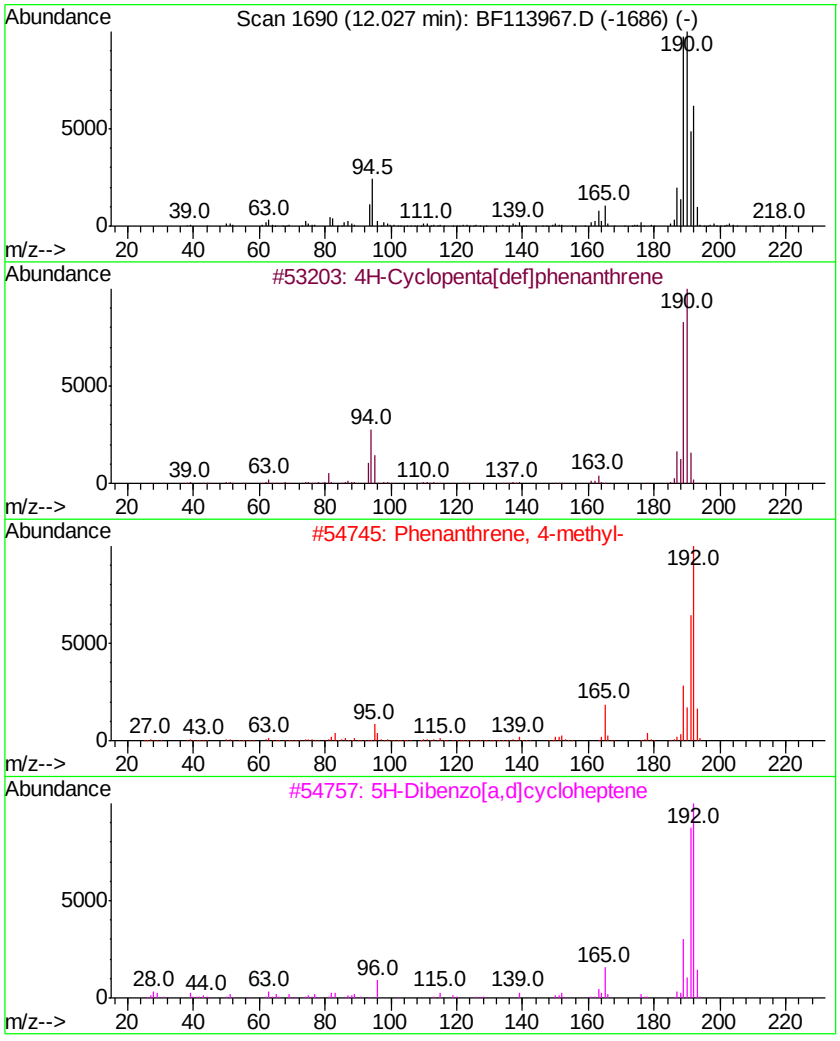
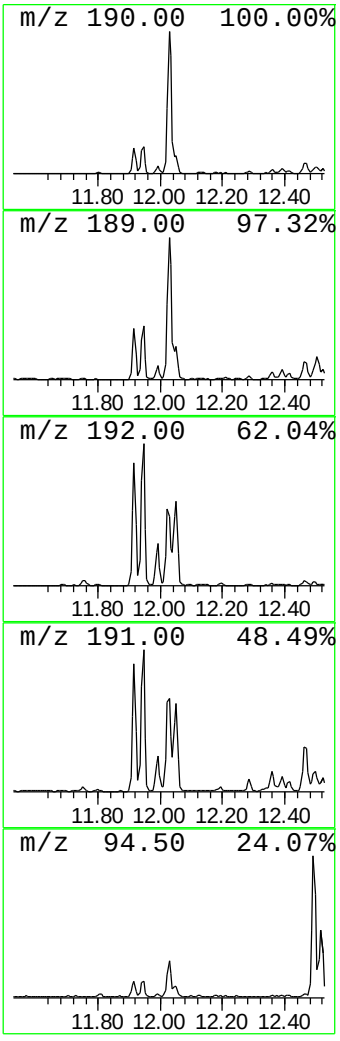
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	14.47 ng	849969	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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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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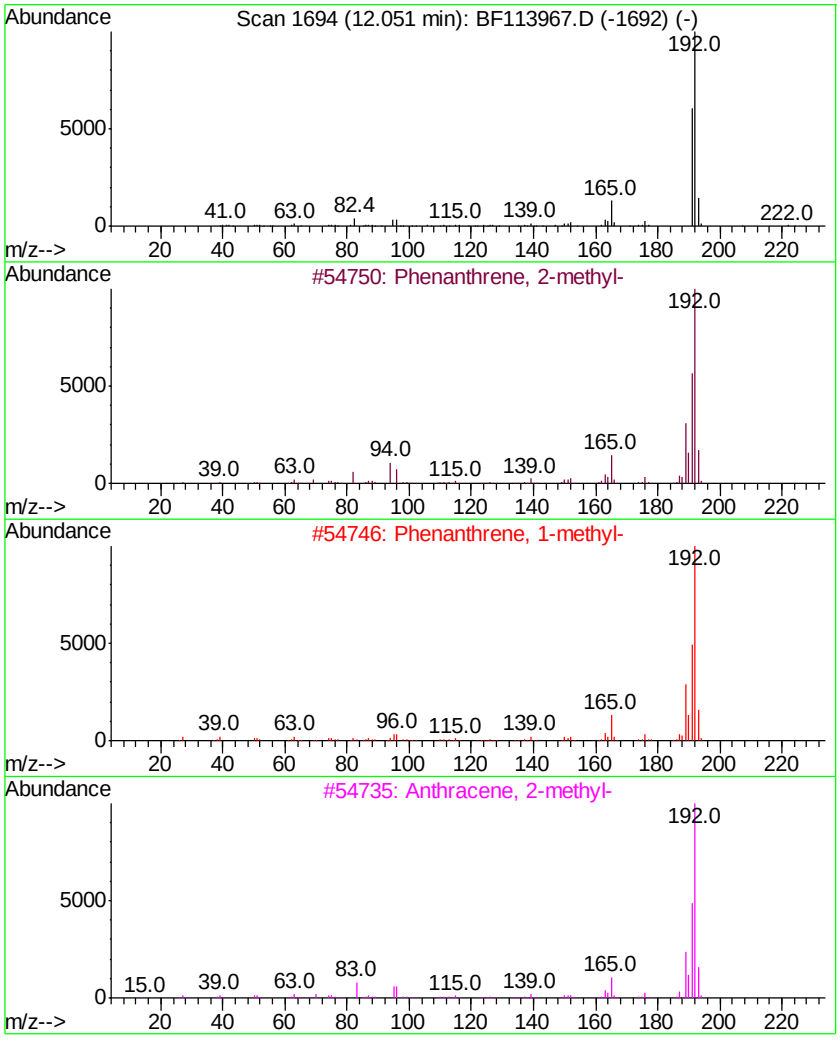
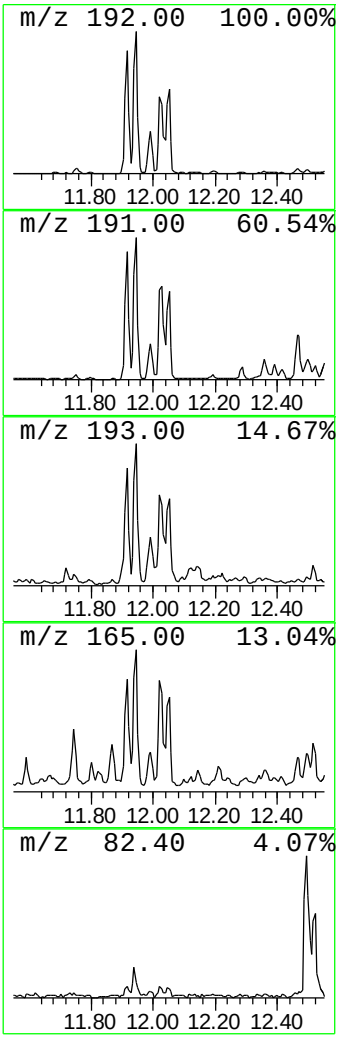
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.61 ng	329690	Phenanthrene-d10	11.42

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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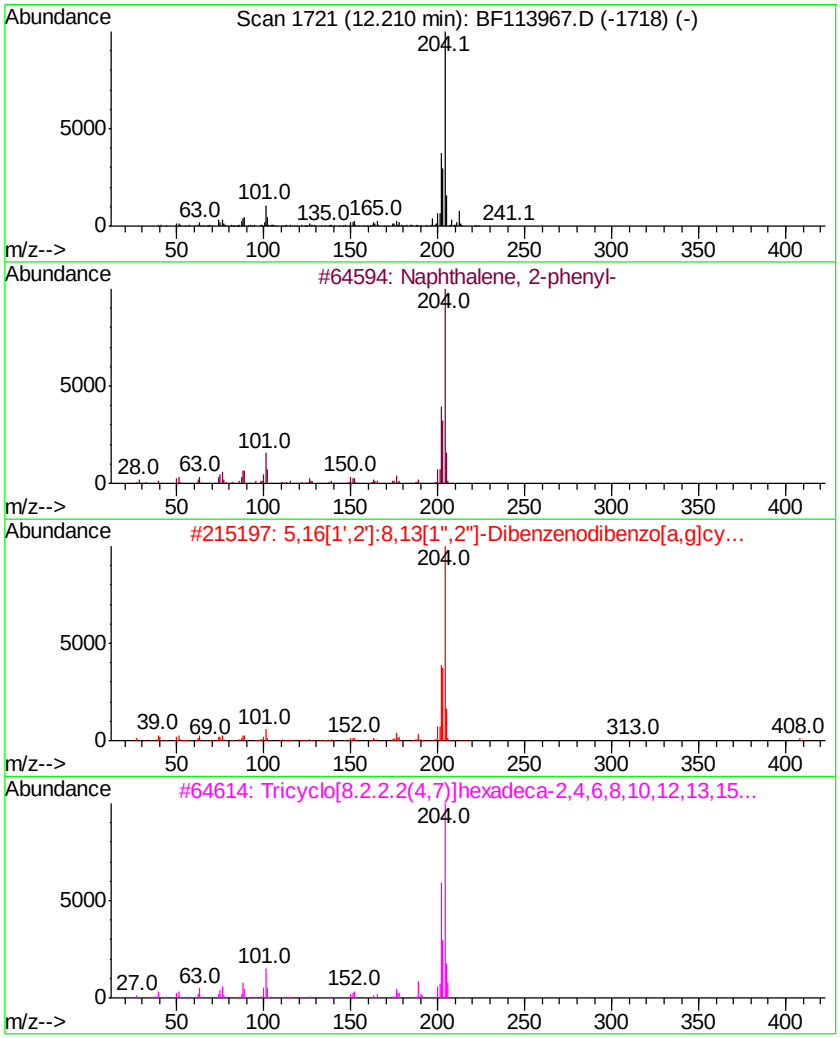
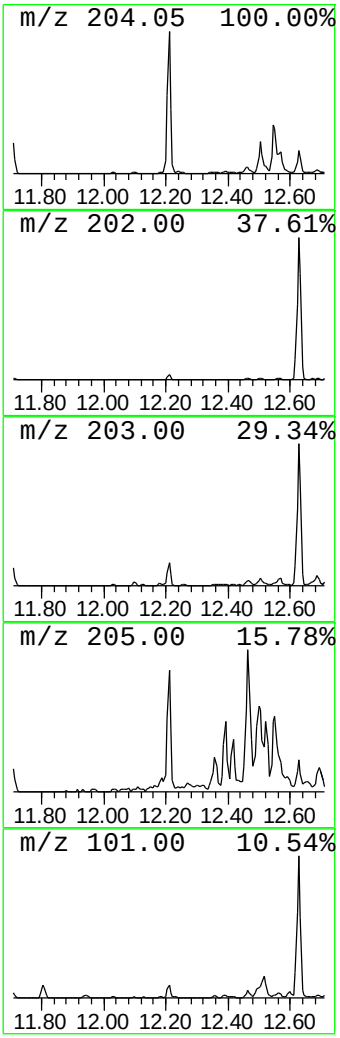
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.74 ng	278552	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

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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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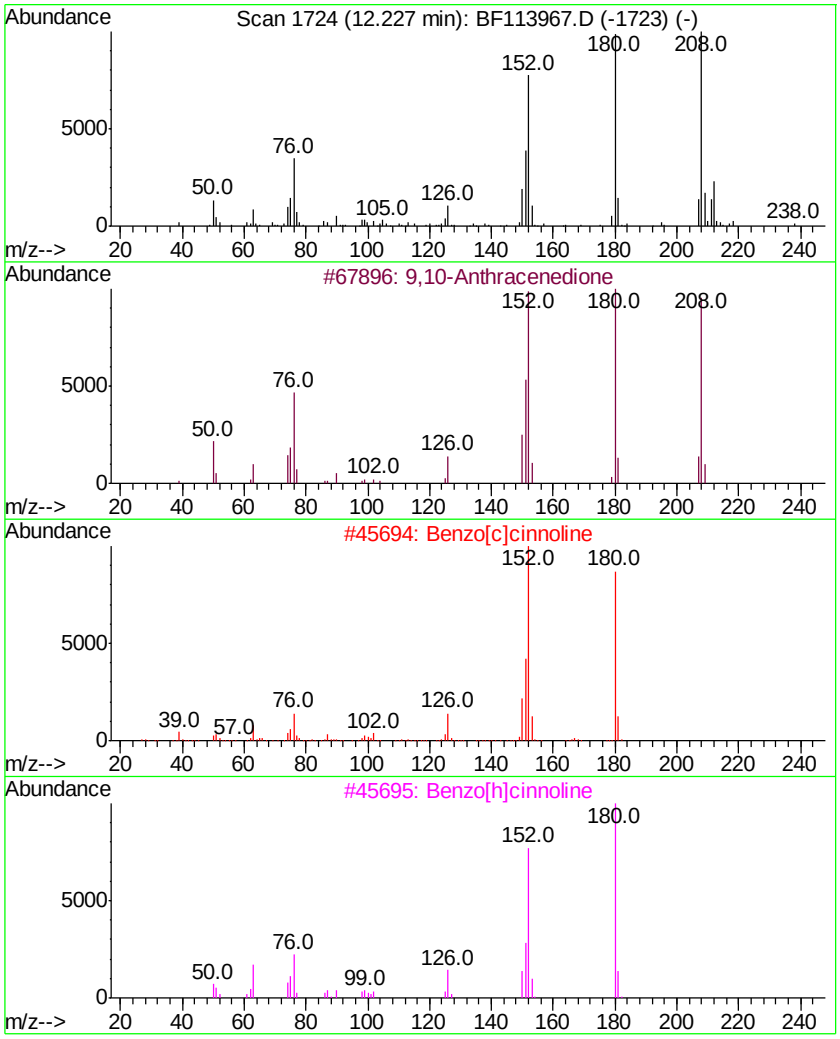
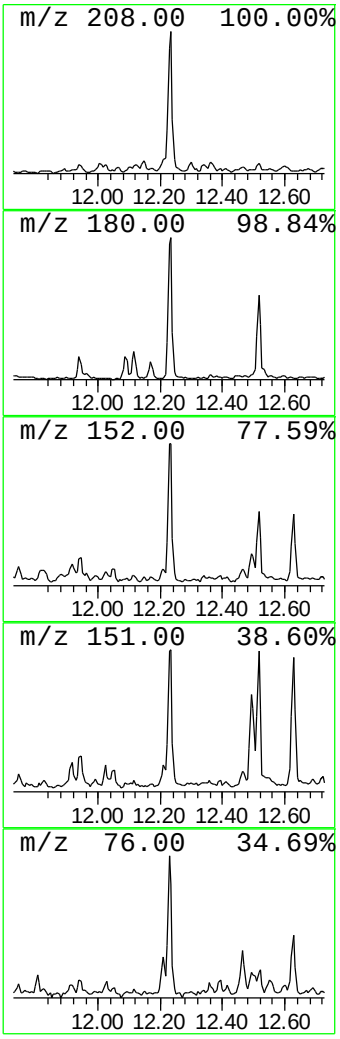
Peak Number 13 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.70 ng	217222	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	5,6,7,8-Tetrahydro-1-phenylnapht...	208	C16H16	067064-63-5	47





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

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

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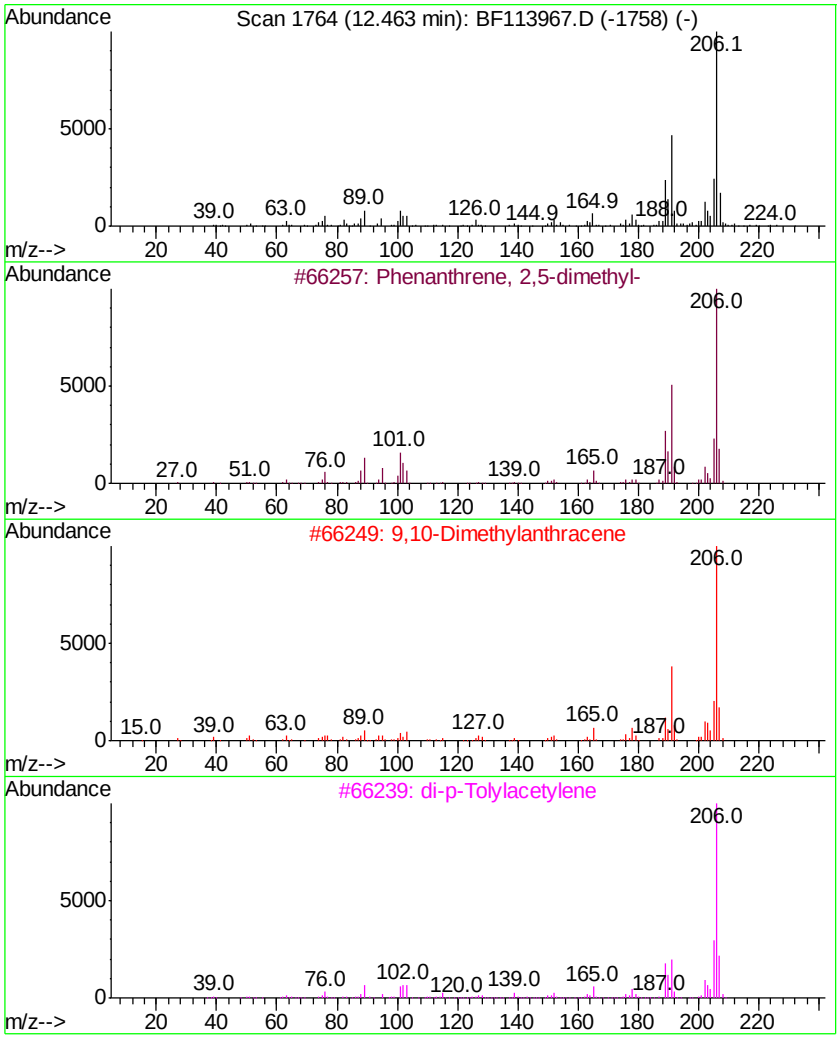
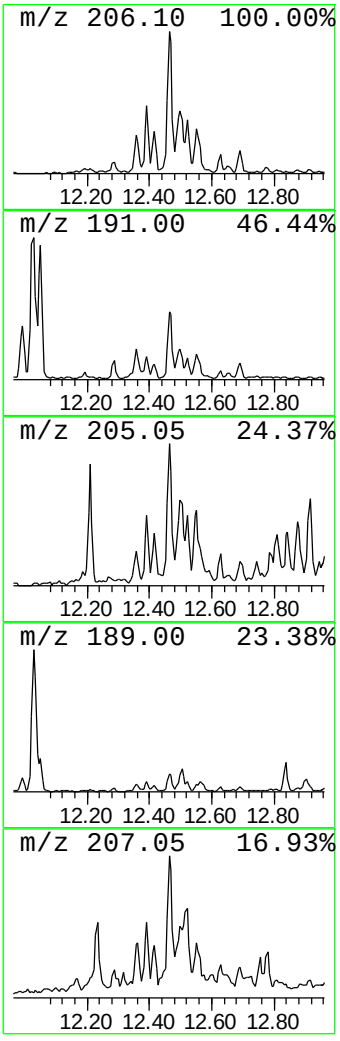
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	6.30 ng	369884	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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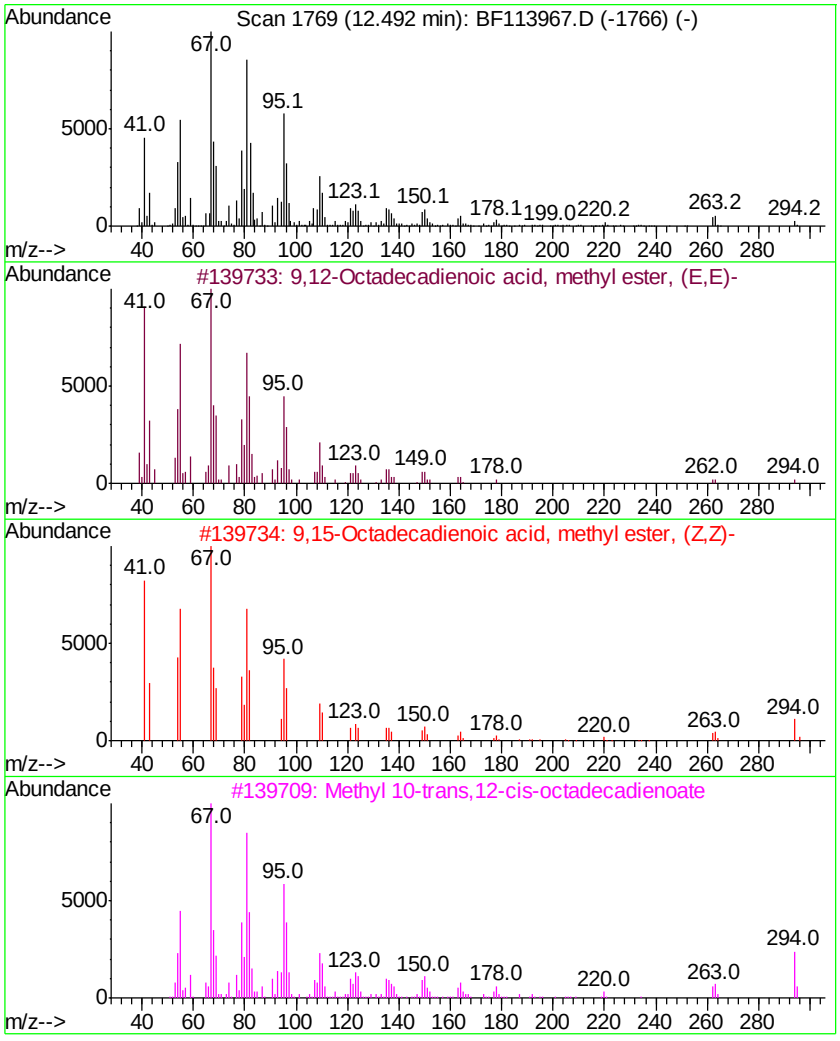
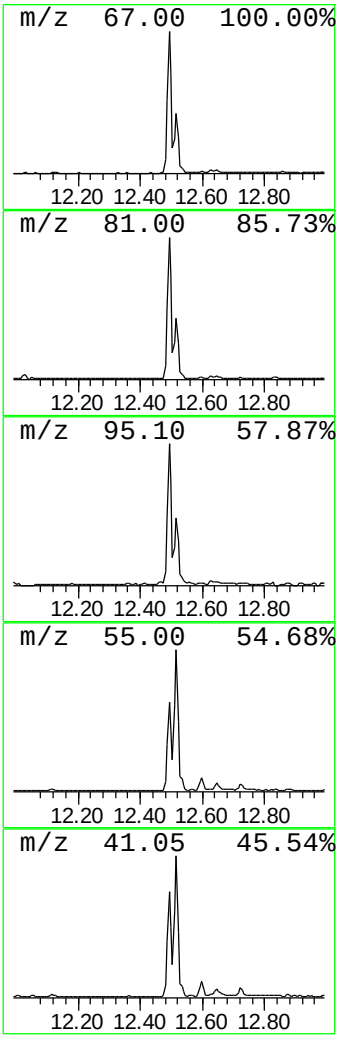
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	42.61 ng	2502470	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





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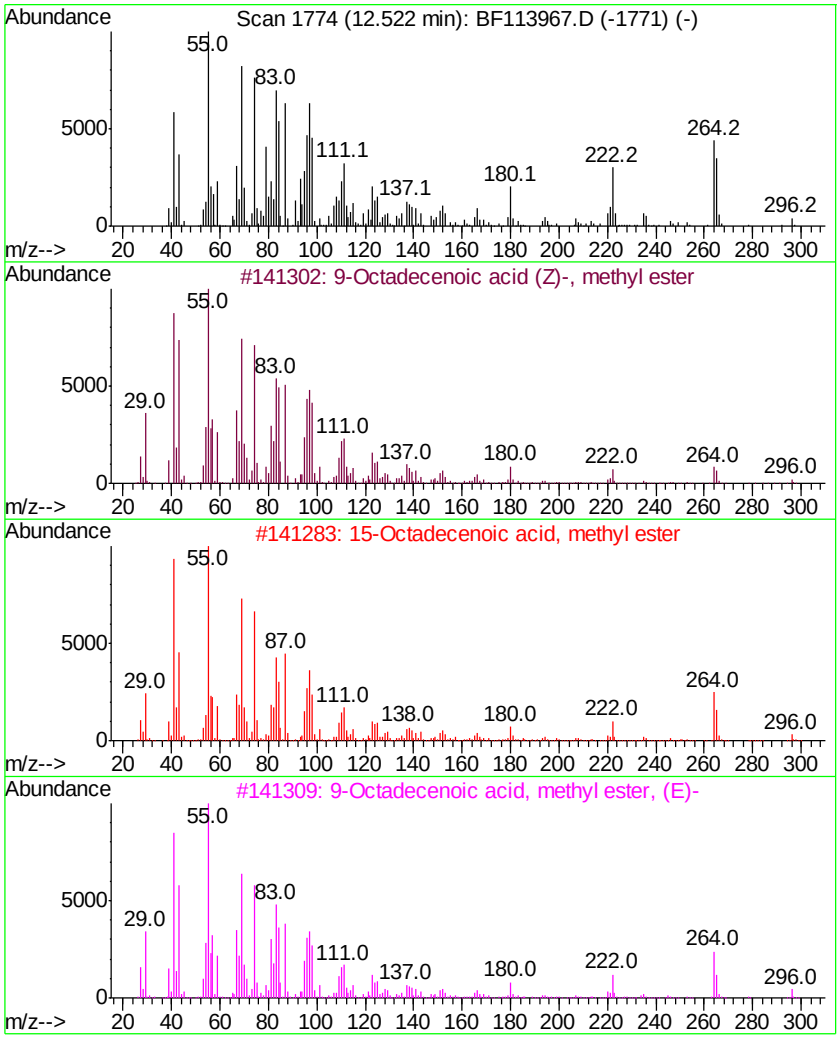
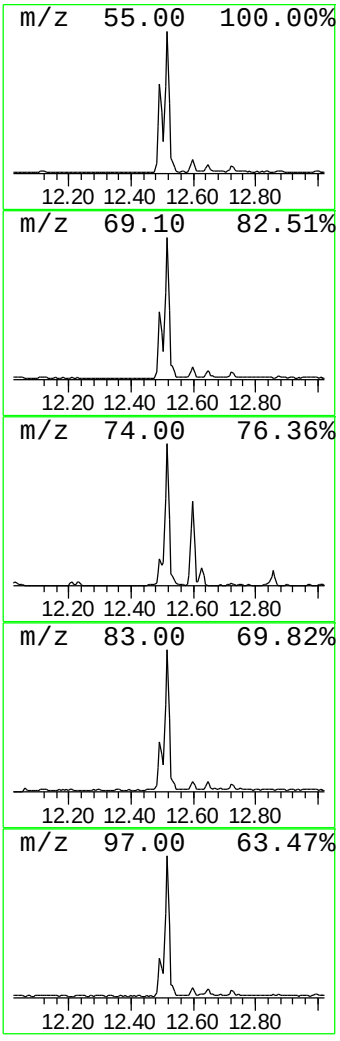
Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	43.93 ng	2580420	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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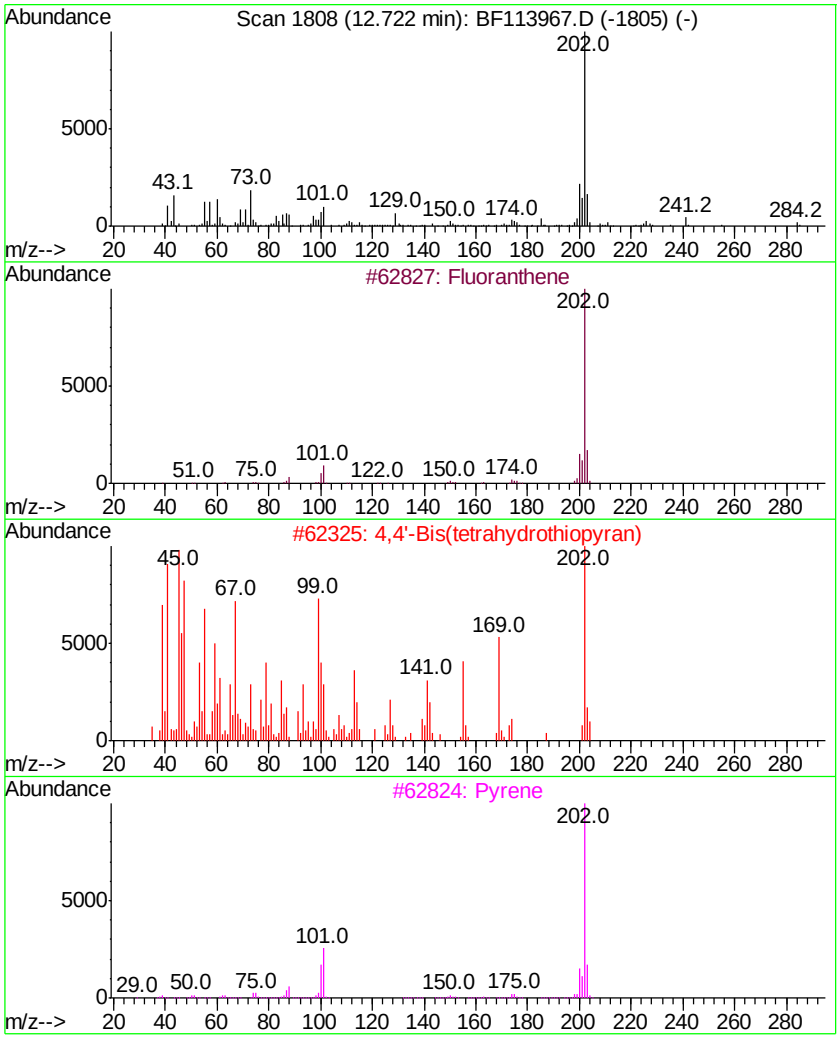
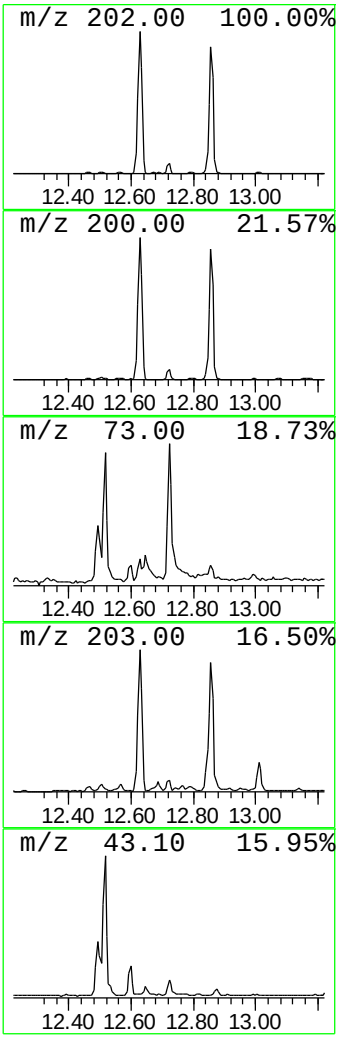
Peak Number 17 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.79 ng	281254	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
3	Pyrene	202	C16H10	000129-00-0	90
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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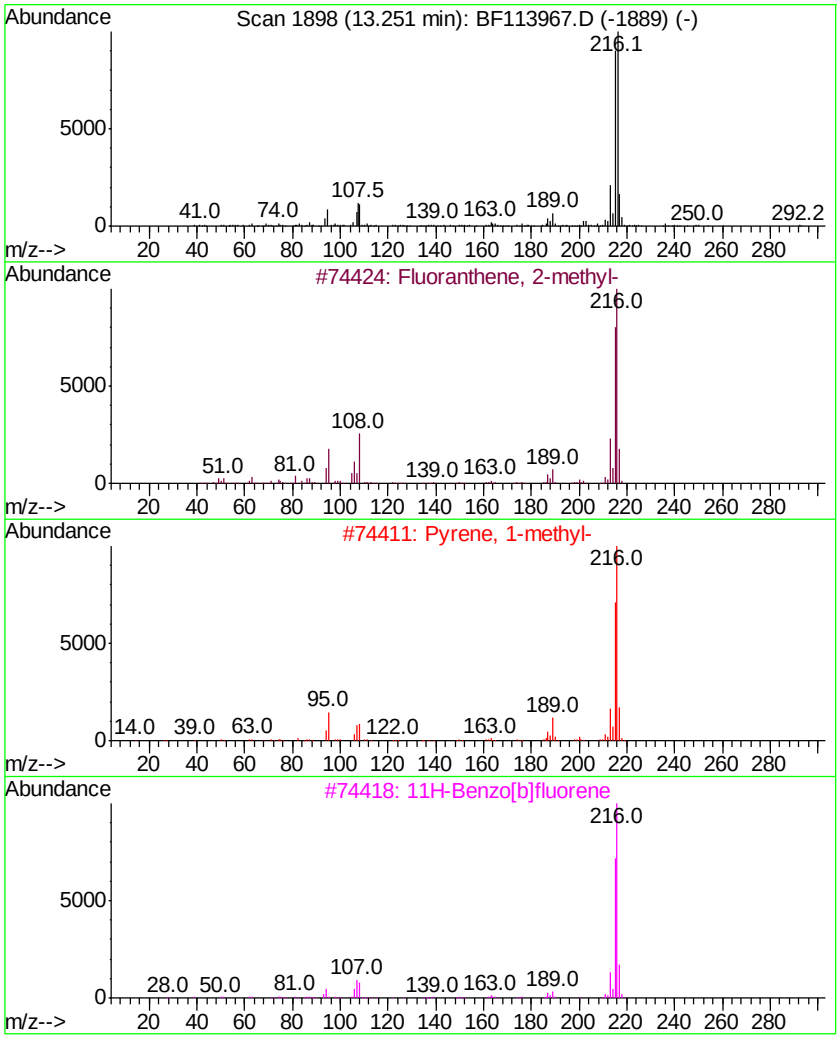
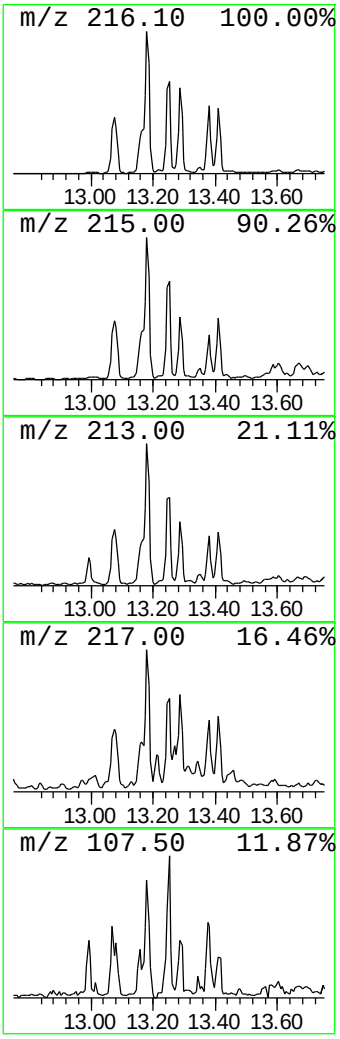
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.87 ng	497234	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

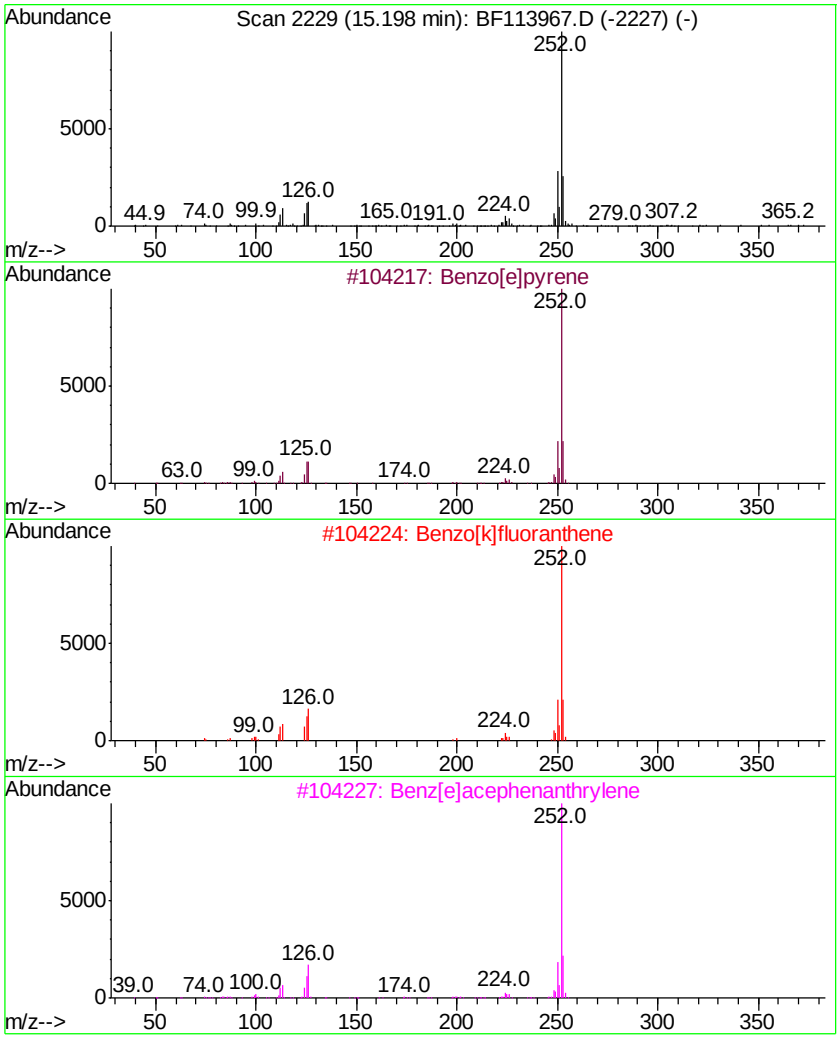
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

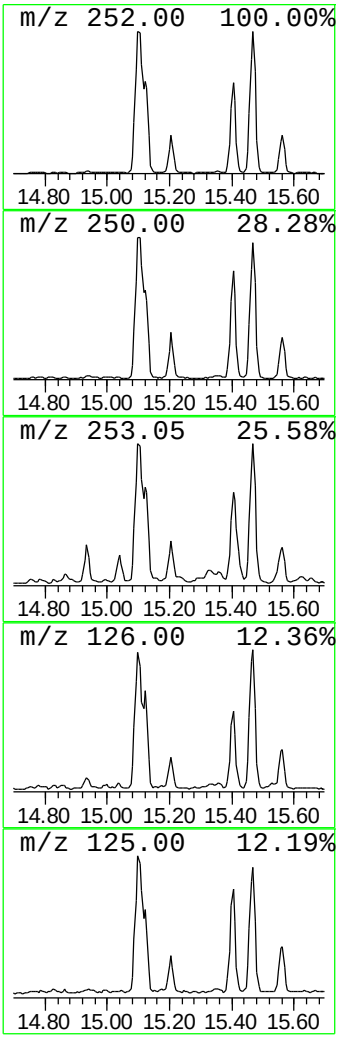
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.33 ng	254537	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042419\
Data File : BF113967.D
Acq On : 24 Apr 2019 17:48
Operator : JU/SJ
Sample : K2200-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-042319-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	37.3	ng	1471350	1	6.89	788454	20.0
Naphthalene, 2,6-...	9.52	3.9	ng	209221	3	9.93	1081530	20.0
Naphthalene, 2,3-...	9.59	5.4	ng	289591	3	9.93	1081530	20.0
9H-Fluorene, 2-me...	11.02	4.0	ng	234595	4	11.42	1174720	20.0
Naphtho[2,1-b]thi...	11.31	4.7	ng	273559	4	11.42	1174720	20.0
Hexadecanoic acid...	11.80	14.2	ng	832208	4	11.42	1174720	20.0
Phenanthrene, 2-m...	11.92	8.9	ng	523722	4	11.42	1174720	20.0
Anthracene, 2-met...	11.94	14.1	ng	829675	4	11.42	1174720	20.0
4H-Cyclopenta[def...	12.03	14.5	ng	849969	4	11.42	1174720	20.0
Anthracene, 9-met...	12.05	5.6	ng	329690	4	11.42	1174720	20.0
Naphthalene, 2-ph...	12.21	4.7	ng	278552	4	11.42	1174720	20.0
9,10-Anthracenedione	12.23	3.7	ng	217222	4	11.42	1174720	20.0
Phenanthrene, 2,5...	12.46	6.3	ng	369884	4	11.42	1174720	20.0
9,12-Octadecadien...	12.49	42.6	ng	2502470	4	11.42	1174720	20.0
9-Octadecenoic ac...	12.52	43.9	ng	2580420	4	11.42	1174720	20.0
7H-Furo[3,2-g][1]...	12.72	4.8	ng	281254	4	11.42	1174720	20.0
11H-Benzo[b]fluorene	13.25	3.9	ng	497234	5	14.05	2567790	20.0
Benzo[e]pyrene	15.20	4.3	ng	254537	6	15.53	1175710	20.0