LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099014.D
Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.193	14	18	23	rVB	81997	99128	6.12%	0.347%
2	4.510	408	412	419	rBV	458877	508828	31.42%	1.781%
3	5.122	512	516	524	rBV	723629	735760	45.44%	2.575%
4	5.522	580	584	594	rVB	1204428	1065758	65.82%	3.730%
5	6.528	750	755	758	rBV	1633505	1410572	87.11%	4.936%
6	6.669	776	779	783	rBV	1442433	1337949	82.63%	4.682%
7	6.904	815	819	822	rBV	929614	740511	45.73%	2.592%
8	6.957	824	828	831	rBV	40519	32857	2.03%	0.115%
9	7.057	841	845	849	rBV	1495411	1319453	81.49%	4.618%
10	7.463	910	914	917	rBV	1134926	934441	57.71%	3.270%
11	8.186	1033	1037	1039	rBV	1061419	894927	55.27%	3.132%
12	8.204	1039	1040	1043	rVB	79375	53993	3.33%	0.189%
13	8.898	1155	1158	1161	rBV	53807	41197	2.54%	0.144%
14	8.951	1165	1167	1172	rBV	25408	32391	2.00%	0.113%
15	8.998	1172	1175	1178	rVB	41139	35782	2.21%	0.125%
16	9.257	1214	1219	1223	rBV	1896112	1619248	100.00%	5.667%
17	9.333	1229	1232	1234	rBV	28408	21933	1.35%	0.077%
18	9.527	1261	1265	1269	rBV2	53698	48936	3.02%	0.171%
19	9.598	1274	1277	1279	rBV	38247	36971	2.28%	0.129%
20	9.651	1283	1286	1293	rVB	269050	226817	14.01%	0.794%
21	9.804	1308	1312	1315	rBV	95397	81925	5.06%	0.287%
22	9.863	1317	1322	1325	rVB	40433	34230	2.11%	0.120%
23	9.945	1332	1336	1339	rVV	837500	796926	49.22%	2.789%
24	9.974	1339	1341	1344	rVB	69404	52210	3.22%	0.183%
25	10.145	1366	1370	1373	rVB2	62264	56616	3.50%	0.198%
26	10.180	1373	1376	1381	rVB	32399	26583	1.64%	0.093%
27	10.257	1386	1389	1391	rBV	24717	25180	1.56%	0.088%
28	10.286	1391	1394	1400	rVB	22230	24965	1.54%	0.087%
29	10.363	1400	1407	1410	rBV2	61290	76767	4.74%	0.269%
30	10.486	1425	1428	1434	rBV3	36126	44484	2.75%	0.156%
31	10.645	1450	1455	1458	rBV2	27923	31503	1.95%	0.110%
32	10.727	1466	1469	1473	rVB	219248	182716	11.28%	0.639%
33	10.833	1484	1487	1488	rBV	65341	50574	3.12%	0.177%
34	11.039	1514	1522	1524	rBV3	23033	42365	2.62%	0.148%

LSC Area Percent Report

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Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.163	1538	1543	1545	rBV3	32020	40718	2.51%	0.142%
36	11.186	1545	1547	1552	rVV2	35413	40685	2.51%	0.142%
37	11.233	1552	1555	1558	rVV	82303	71208	4.40%	0.249%
38	11.280	1559	1563	1566	rVV3	63515	77087	4.76%	0.270%
39	11.327	1569	1571	1574	rVB	51769	43374	2.68%	0.152%
40	11.433	1585	1589	1591	rBV	749083	789586	48.76%	2.763%
41	11.457	1591	1593	1596	rVV	839576	653187	40.34%	2.286%
42	11.504	1598	1601	1604	rVV	210146	170422	10.52%	0.596%
43	11.533	1604	1606	1609	rVB2	21515	24451	1.51%	0.086%
44	11.657	1621	1627	1633	rBV2	82569	112315	6.94%	0.393%
45	11.710	1633	1636	1637	rBV2	44117	33754	2.08%	0.118%
46	11.763	1642	1645	1649	rVB4	33947	39028	2.41%	0.137%
47	11.933	1670	1674	1676	rBV	116609	114107	7.05%	0.399%
48	11.957	1676	1678	1681	rVV	163749	142060	8.77%	0.497%
49	11.980	1681	1682	1684	rVV	43267	28812	1.78%	0.101%
50	12.004	1684	1686	1689	rVB	65999	53819	3.32%	0.188%
51	12.039	1689	1692	1695	rBV2	136725	171364	10.58%	0.600%
52	12.063	1695	1696	1700	rVB	97459	78503	4.85%	0.275%
53	12.115	1700	1705	1707	rBV2	72312	71989	4.45%	0.252%
54	12.227	1721	1724	1726	rVV	114949	102251	6.31%	0.358%
55	12.251	1726	1728	1734	rVB2	90031	76353	4.72%	0.267%
56	12.374	1744	1749	1752	rBV2	52833	66420	4.10%	0.232%
57	12.404	1752	1754	1756	rVV	39956	32256	1.99%	0.113%
58	12.427	1756	1758	1761	rVB2	41828	35246	2.18%	0.123%
59	12.480	1761	1767	1769	rBV	117011	139003	8.58%	0.486%
60	12.504	1769	1771	1775	rVV3	78687	113796	7.03%	0.398%
61	12.539	1775	1777	1779	rVV	46948	38913	2.40%	0.136%
62	12.568	1779	1782	1787	rVV	123622	125978	7.78%	0.441%
63	12.645	1791	1795	1799	rVV	1314026	1137671	70.26%	3.981%
64	12.686	1799	1802	1804	rVV2	39156	45101	2.79%	0.158%
65	12.710	1804	1806	1808	rVV2	47040	44661	2.76%	0.156%
66	12.739	1808	1811	1813	rVV	45172	40176	2.48%	0.141%
67	12.774	1813	1817	1819	rVV4	36650	60297	3.72%	0.211%
68	12.798	1819	1821	1823	rVV	55352	54346	3.36%	0.190%
69	12.821	1823	1825	1828	rVV4	43179	44281	2.73%	0.155%
70	12.874	1828	1834	1840	rVV2	1303280	1613351	99.64%	5.646%
71	12.921	1840	1842	1848	rVB2	84886	105622	6.52%	0.370%

LSC Area Percent Report

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Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.010	1854	1857	1864	rVB	1274670	1319533	81.49%	4.618%
73	13.098	1867	1872	1875	rBV4	94757	168642	10.41%	0.590%
74	13.174	1882	1885	1887	rBV5	75778	90071	5.56%	0.315%
75	13.233	1892	1895	1899	rBV2	96731	105582	6.52%	0.369%
76	13.268	1899	1901	1903	rVB	40049	28263	1.75%	0.099%
77	13.304	1903	1907	1910	rBV2	151481	166243	10.27%	0.582%
78	13.398	1920	1923	1925	rBV	102570	86904	5.37%	0.304%
79	13.427	1925	1928	1931	rVV2	93998	93037	5.75%	0.326%
80	13.486	1935	1938	1941	rVV2	200878	164094	10.13%	0.574%
81	13.574	1951	1953	1955	rBV	86773	71468	4.41%	0.250%
82	13.709	1973	1976	1980	rVB	186548	165116	10.20%	0.578%
83	13.815	1991	1994	1998	rBV2	123169	183607	11.34%	0.643%
84	13.851	1998	2000	2002	rVB	76729	50978	3.15%	0.178%
85	13.874	2002	2004	2005	rBV	94560	75758	4.68%	0.265%
86	14.039	2029	2032	2034	rBV	251093	238556	14.73%	0.835%
87	14.068	2034	2037	2040	rVV2	1004456	1437993	88.81%	5.032%
88	14.098	2040	2042	2047	rVB	633790	587077	36.26%	2.055%
89	14.221	2060	2063	2065	rBV	90183	97438	6.02%	0.341%
90	14.457	2101	2103	2106	rVB	139518	118301	7.31%	0.414%
91	14.492	2107	2109	2112	rBV2	72049	74758	4.62%	0.262%
92	14.527	2112	2115	2118	rBV3	89743	97798	6.04%	0.342%
93	15.127	2213	2217	2220	rBV	600159	888300	54.86%	3.109%
94	15.233	2233	2235	2239	rVB	103475	99732	6.16%	0.349%
95	15.439	2266	2270	2276	rVB	391727	496313	30.65%	1.737%
96	15.503	2277	2281	2286	rVV	541342	642885	39.70%	2.250%
97	15.568	2287	2292	2295	rVV	591230	776930	47.98%	2.719%
98	15.598	2295	2297	2303	rVB	169167	198940	12.29%	0.696%
99	17.074	2543	2548	2557	rVB2	200526	375998	23.22%	1.316%
100	17.533	2621	2626	2635	rVB	157143	317450	19.60%	1.111%

Sum of corrected areas: 28574452

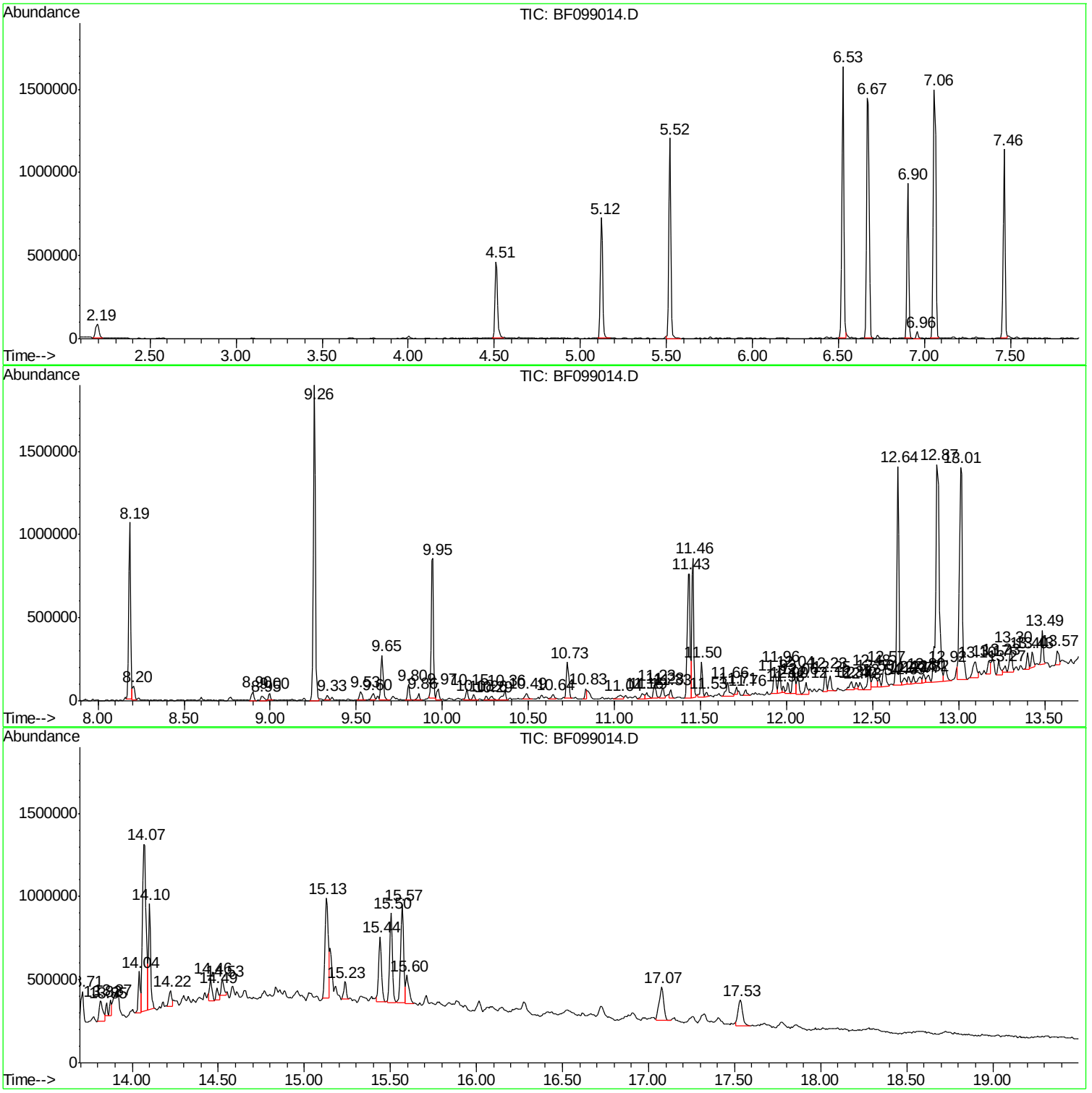
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099014.D
Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

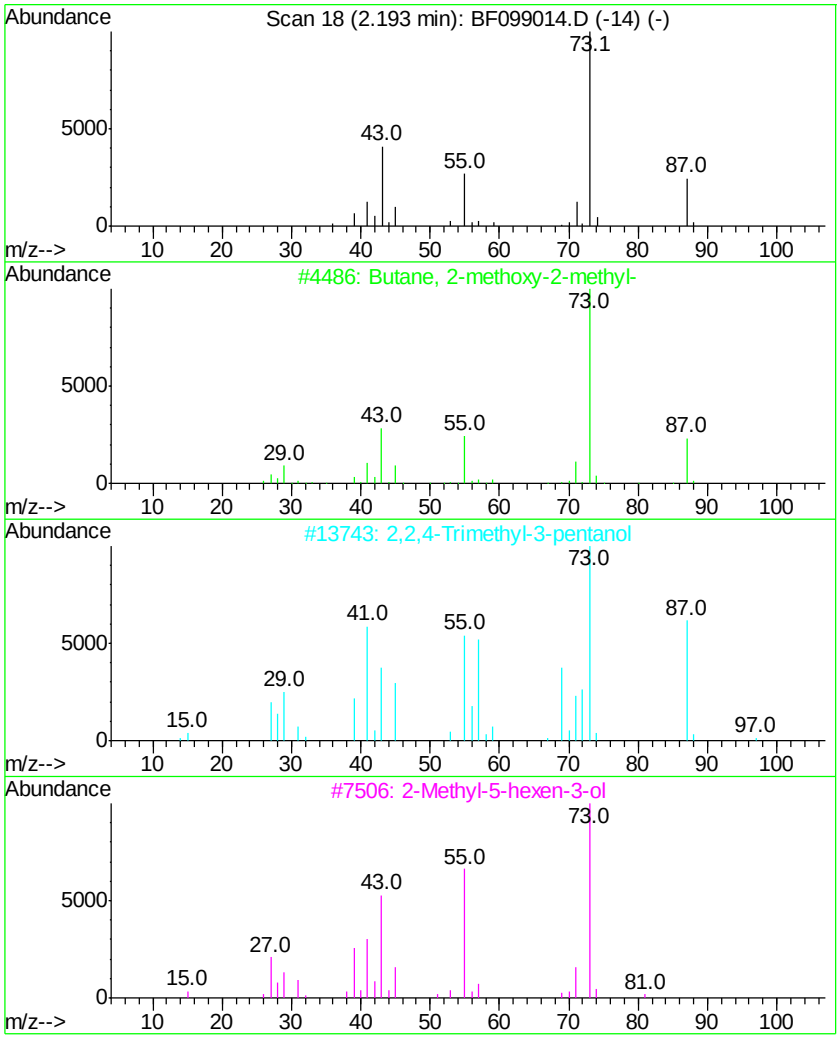
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

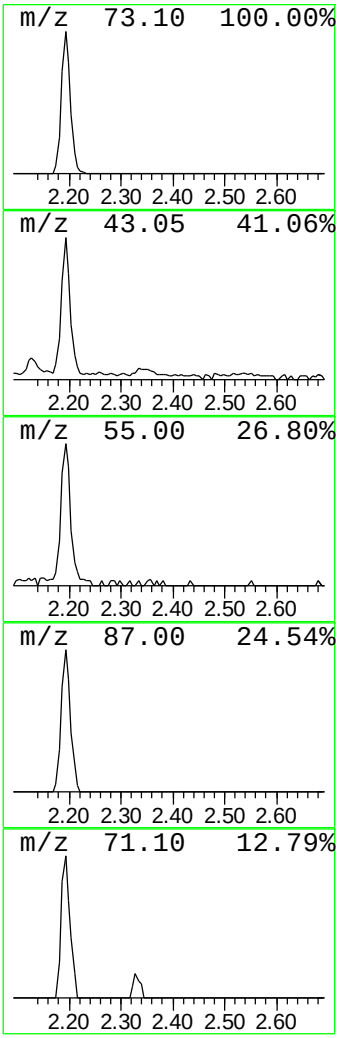
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.68 ng	99128	1,4-Dichlorobenzene-d4	6.90

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	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099014.D
Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

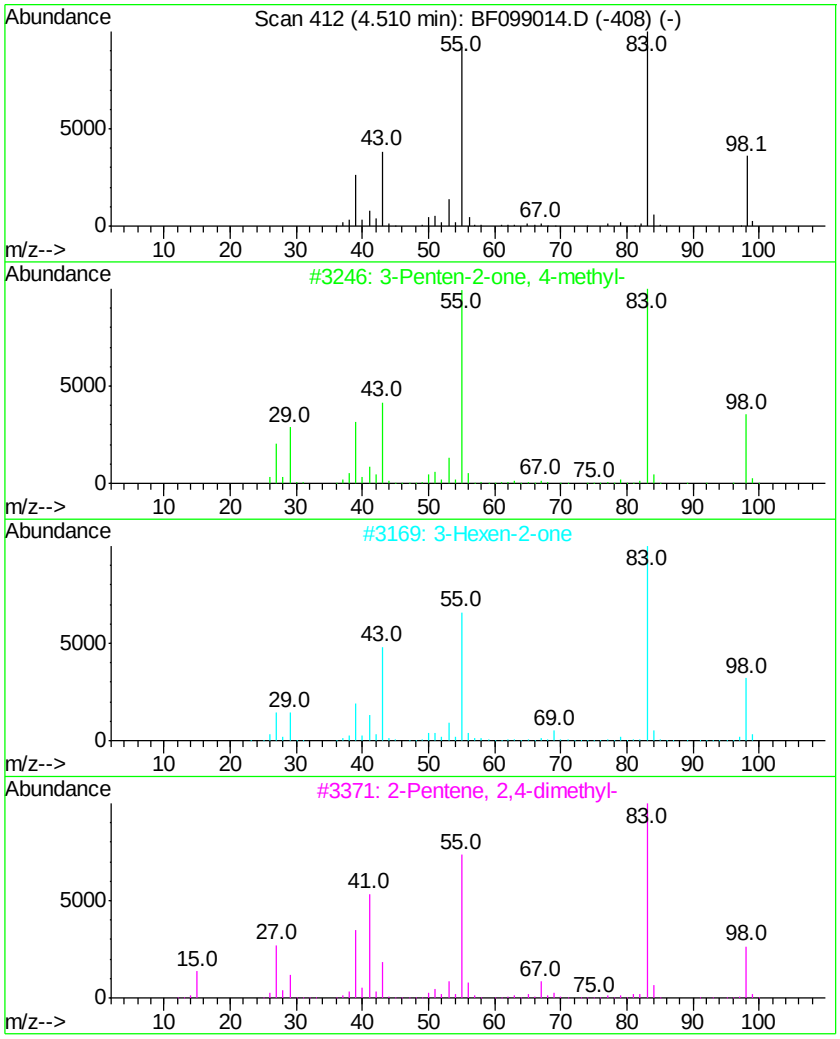
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

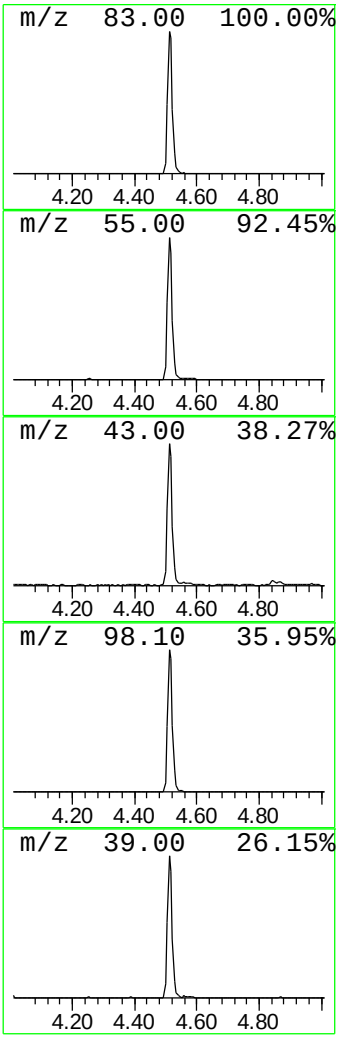
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	13.74 ng	508828	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

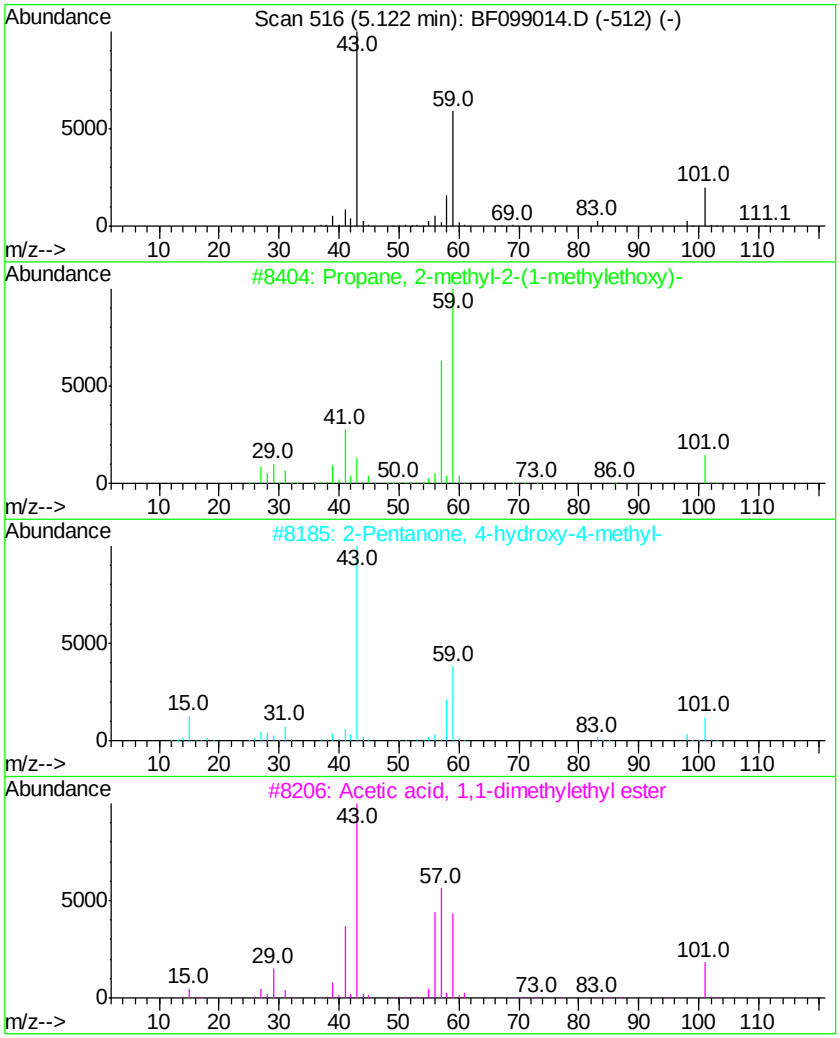
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

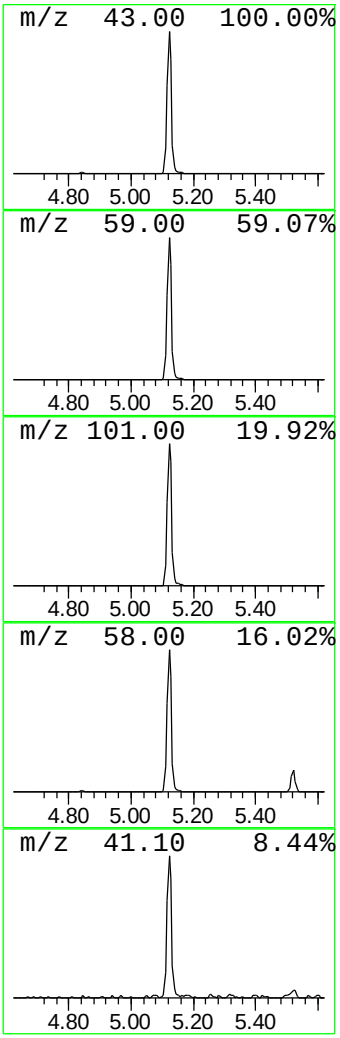
****

Peak Number 3 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	19.87 ng	735760	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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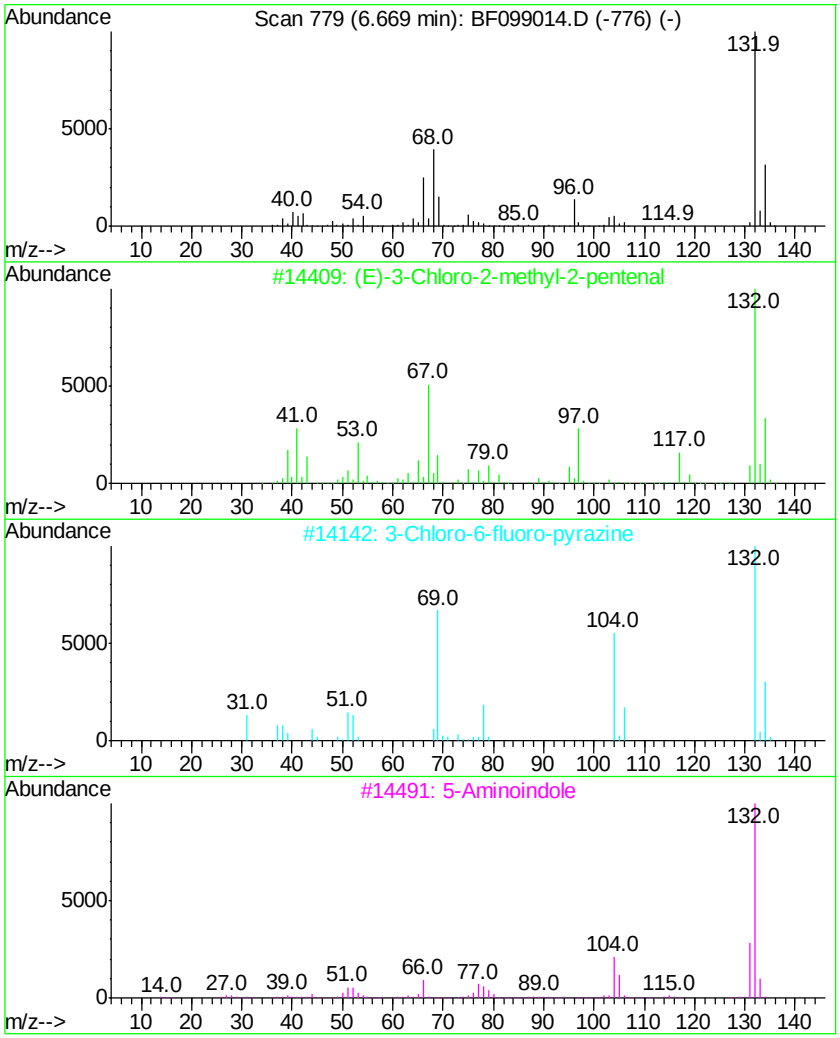
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

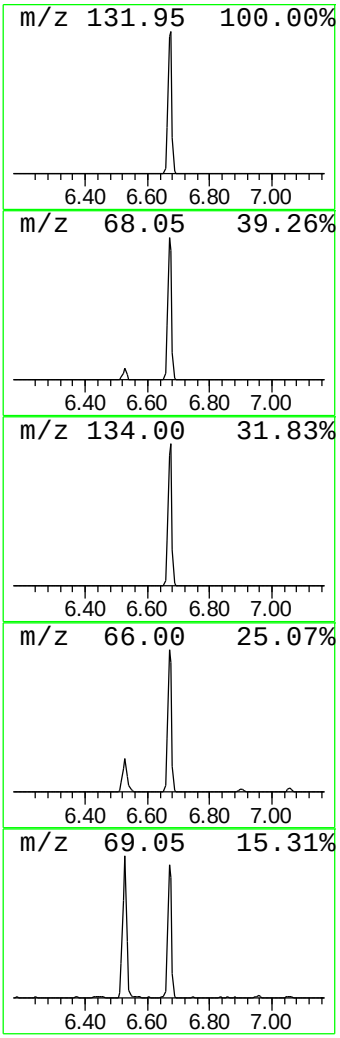
****

Peak Number 4 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	36.14 ng	1337950	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099014.D
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Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

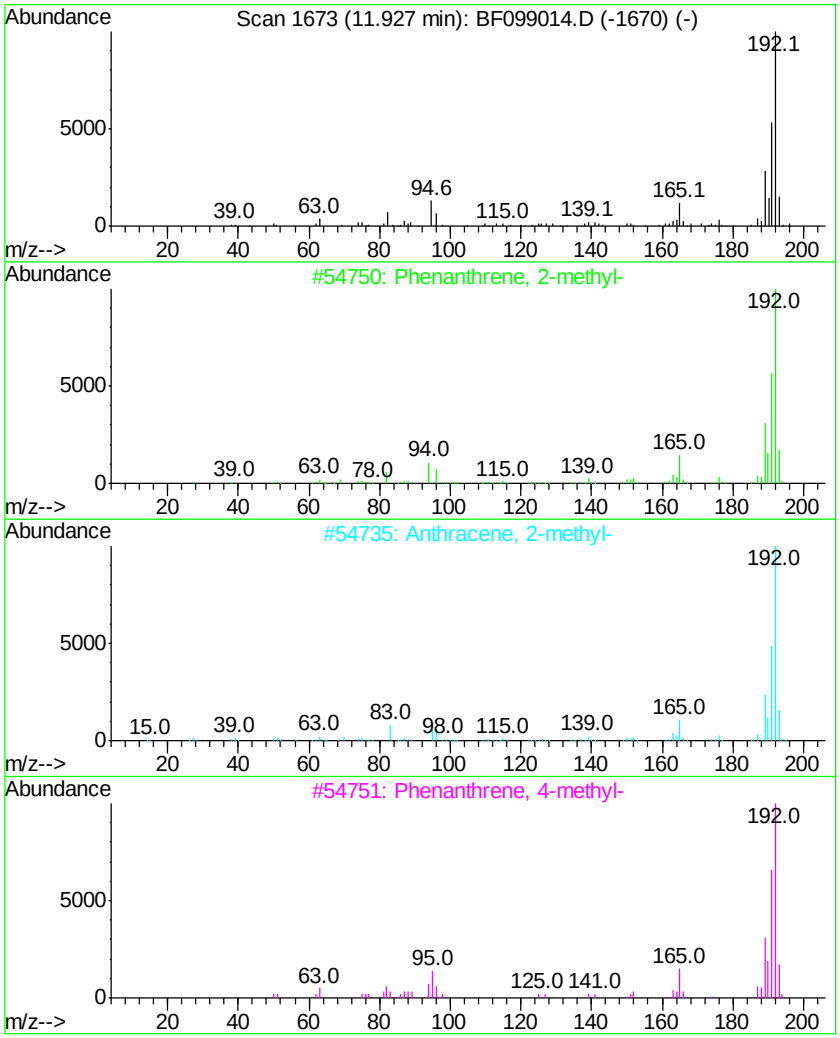
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

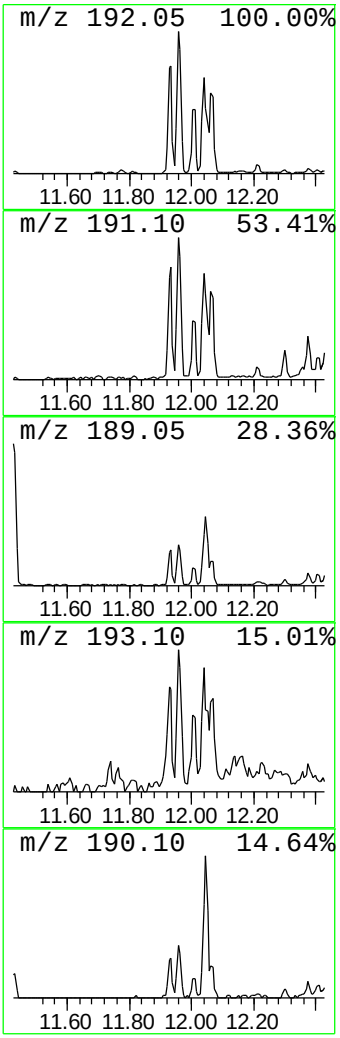
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.89 ng	114107	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
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ClientSampleId : G-62-2.5-5

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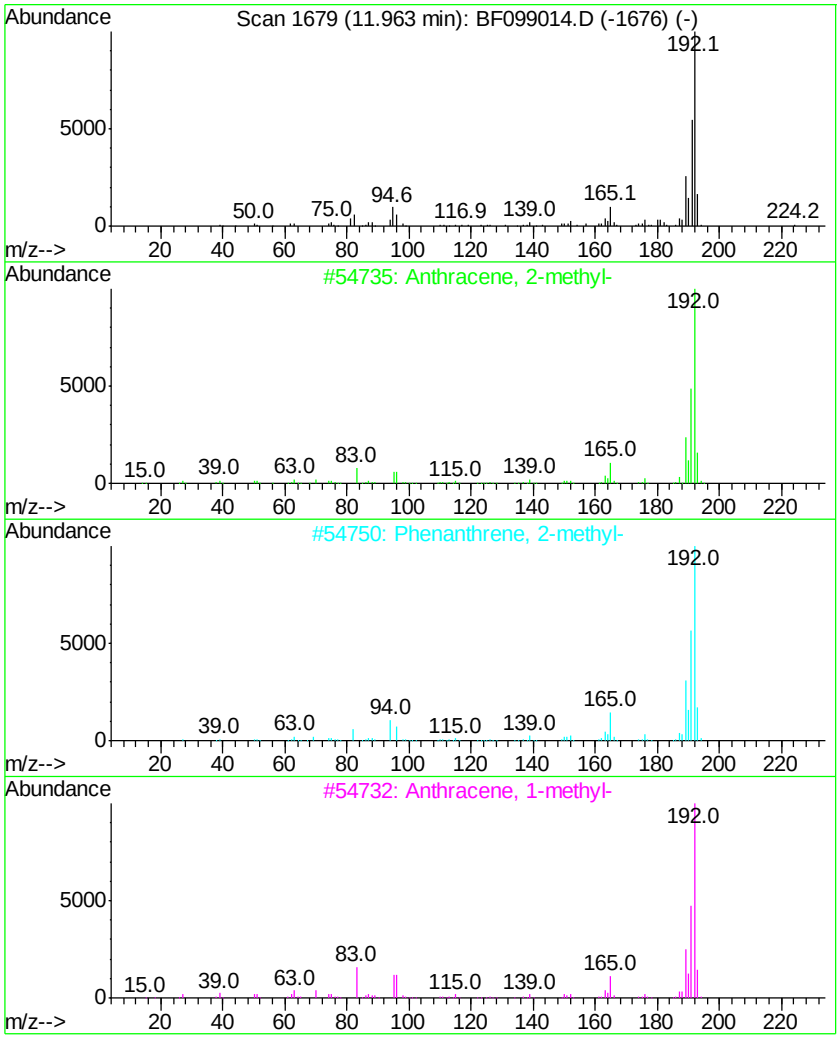
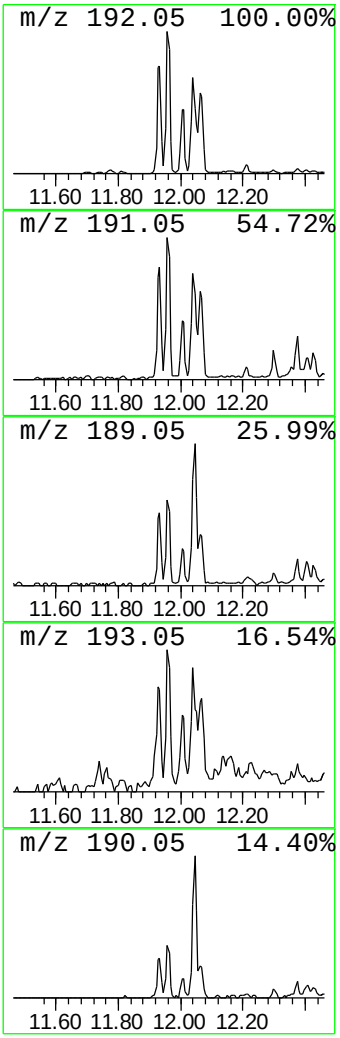
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.60 ng	142060	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Instrument : BNA_F
ClientSampleId : G-62-2.5-5

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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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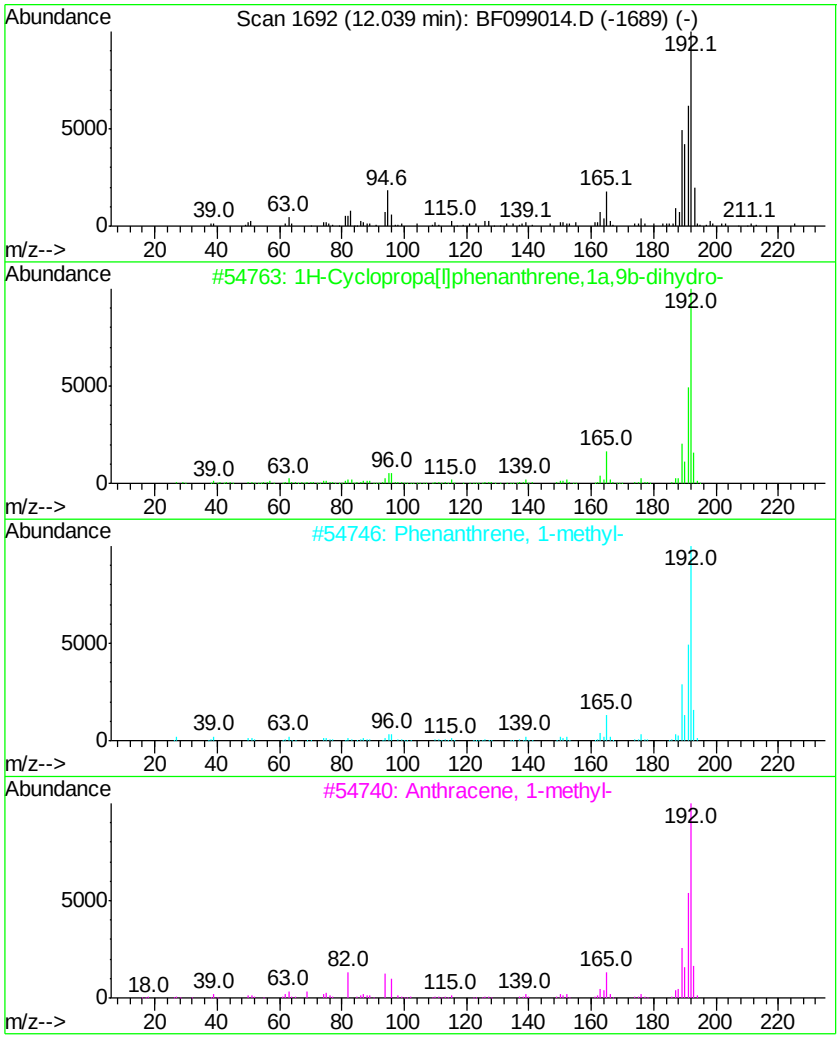
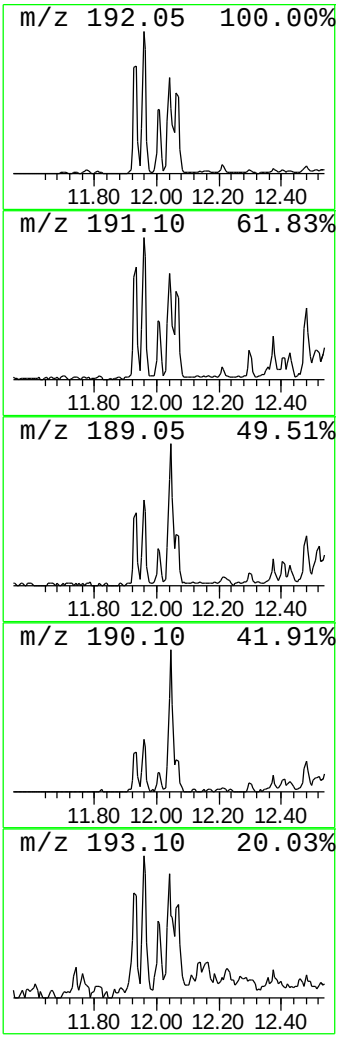
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.34 ng	171364	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60





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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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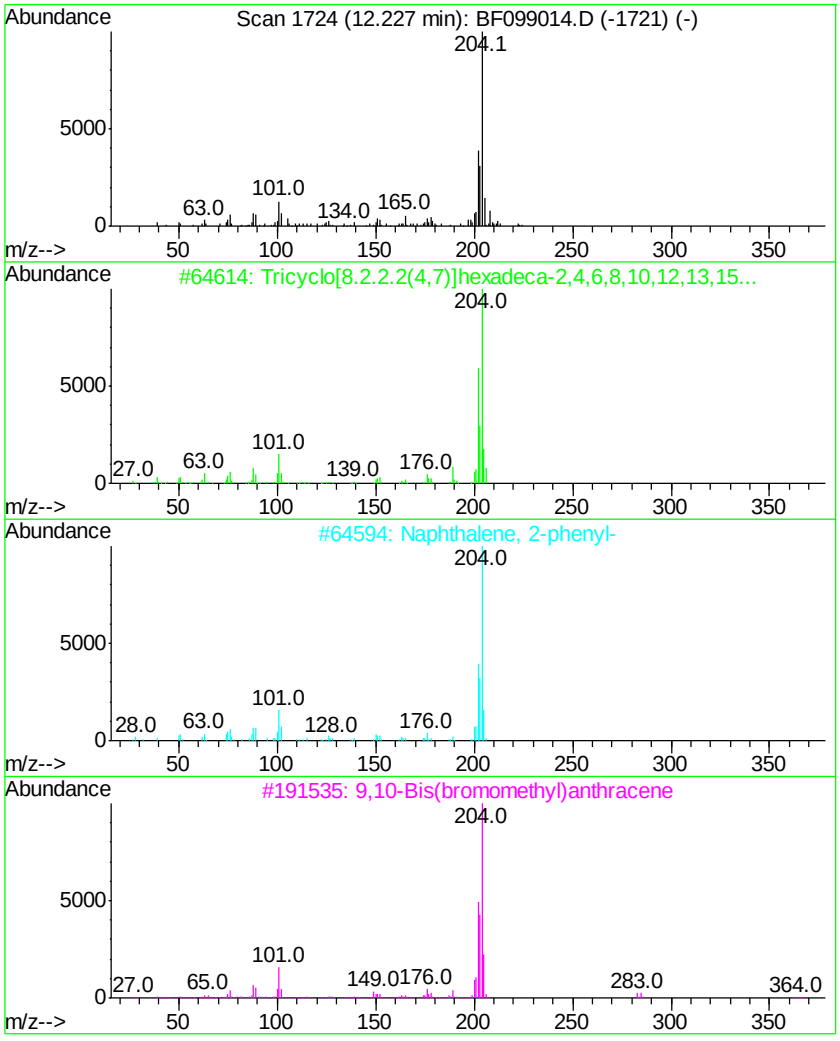
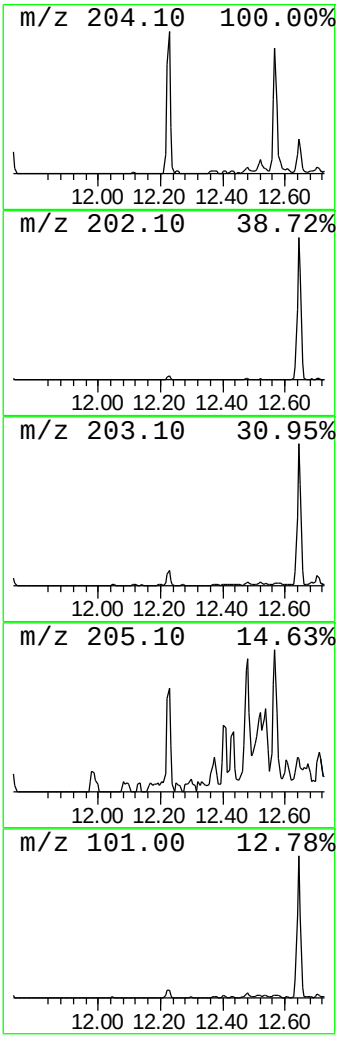
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.59 ng	102251	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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ALS Vial : 18 Sample Multiplier: 1

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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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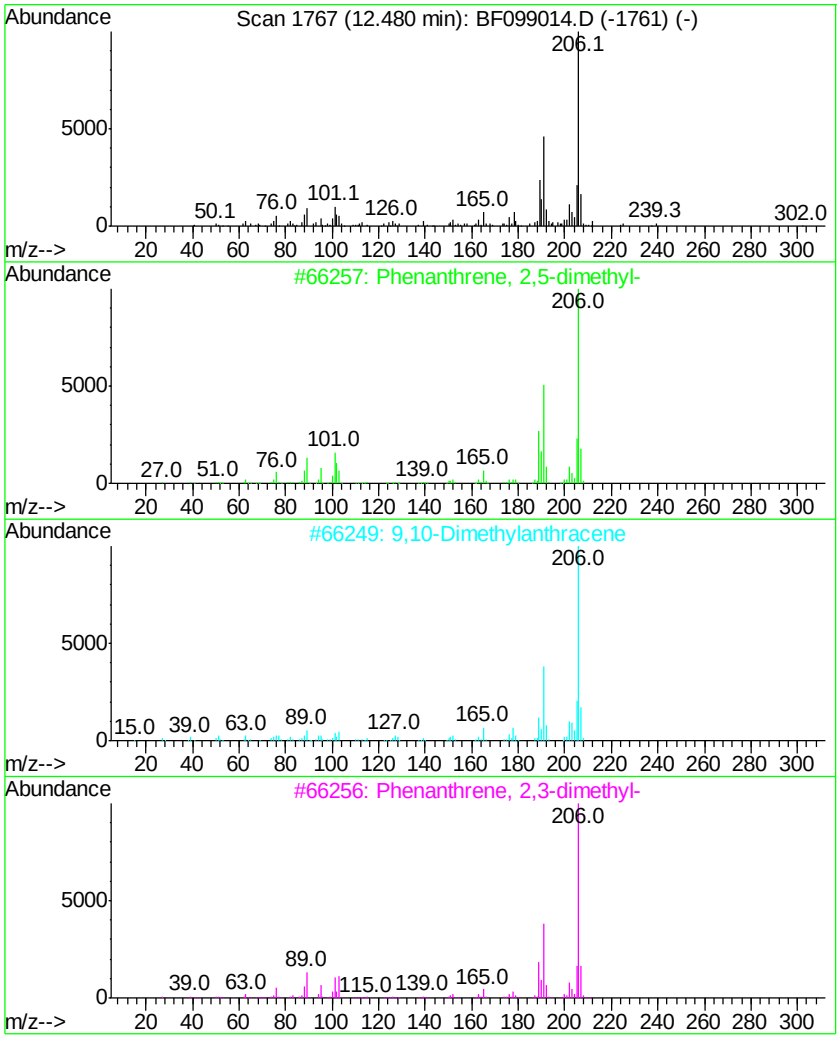
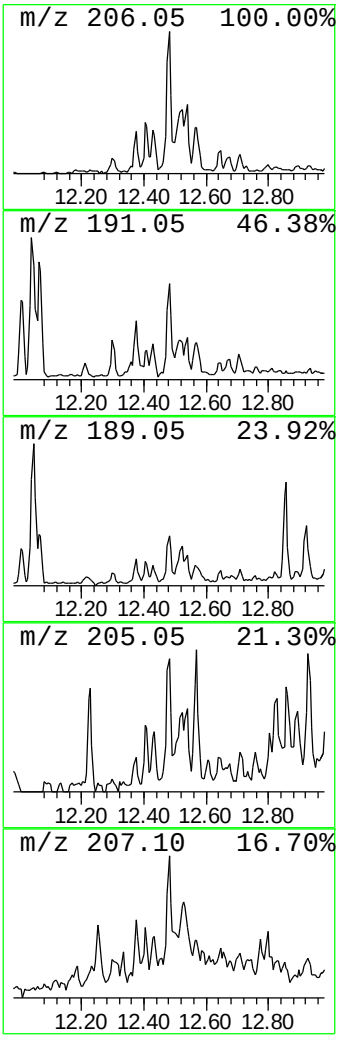
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.52 ng	139003	Phenanthrene-d10	11.43

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	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Misc :
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ClientSampleId : G-62-2.5-5

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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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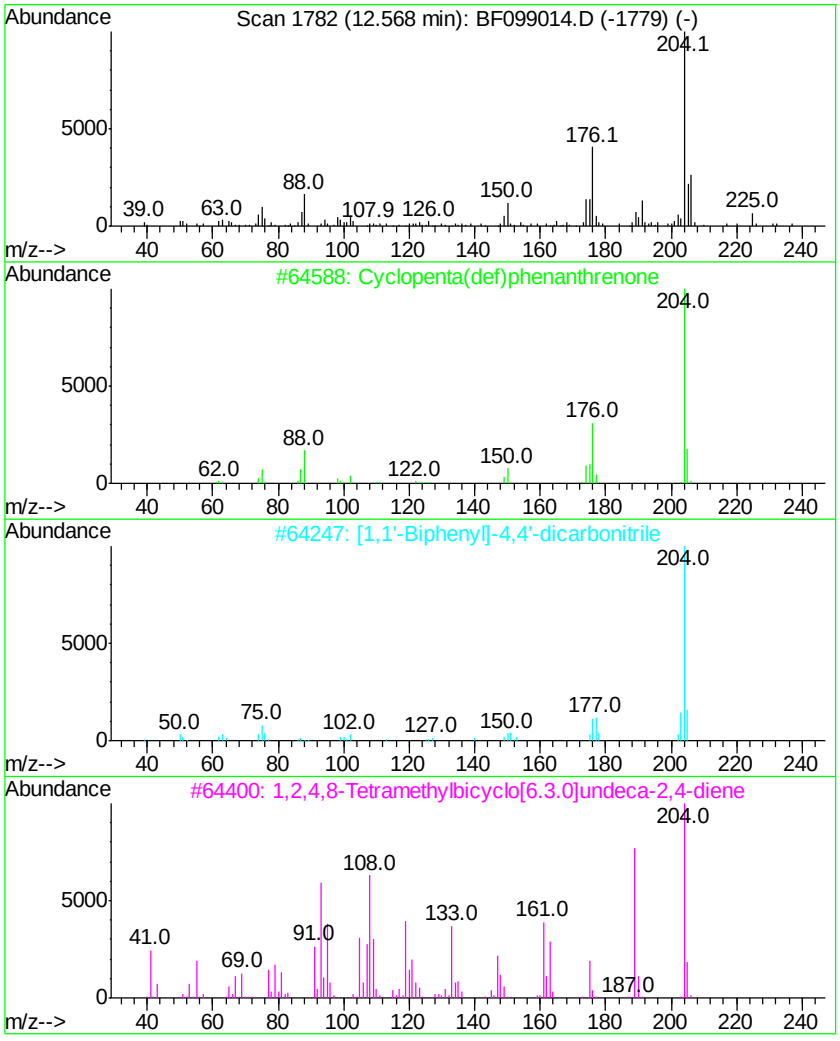
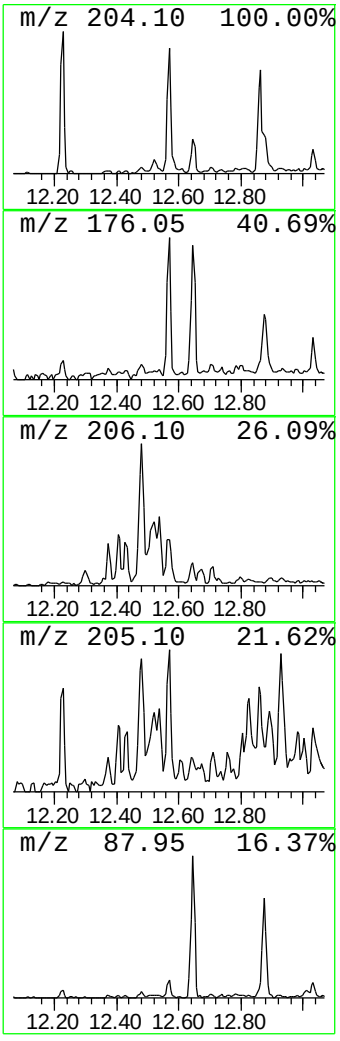
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.19 ng	125978	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : G-62-2.5-5

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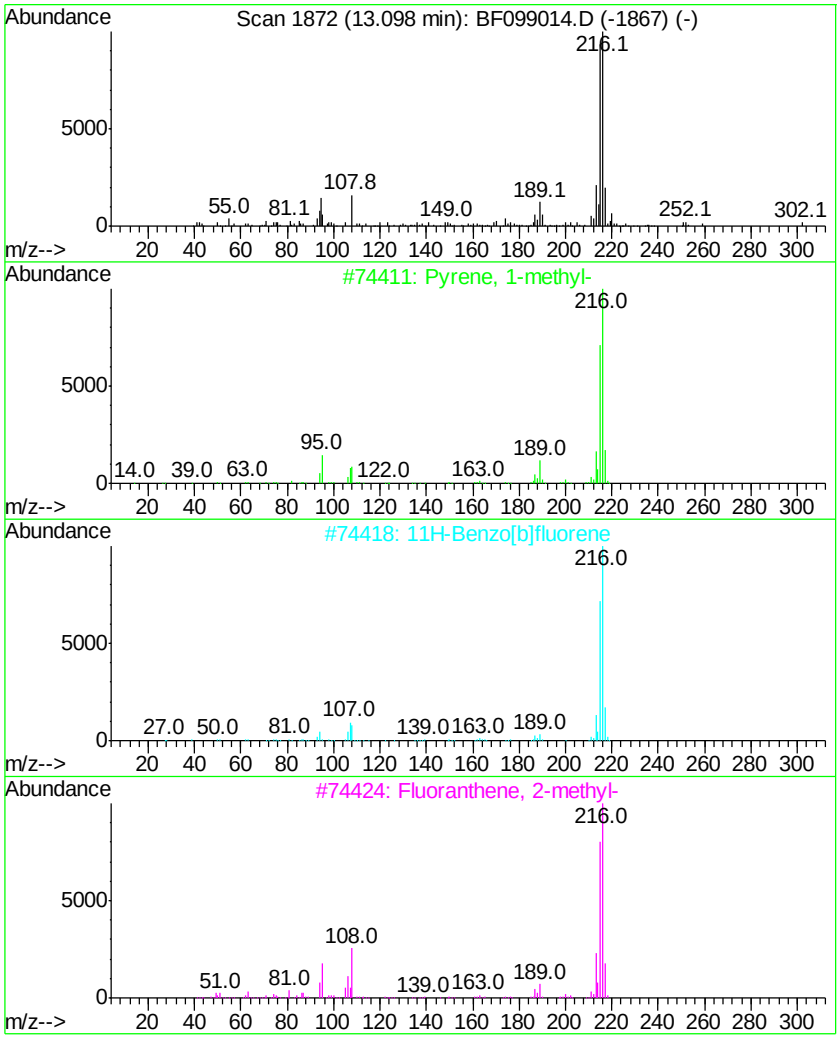
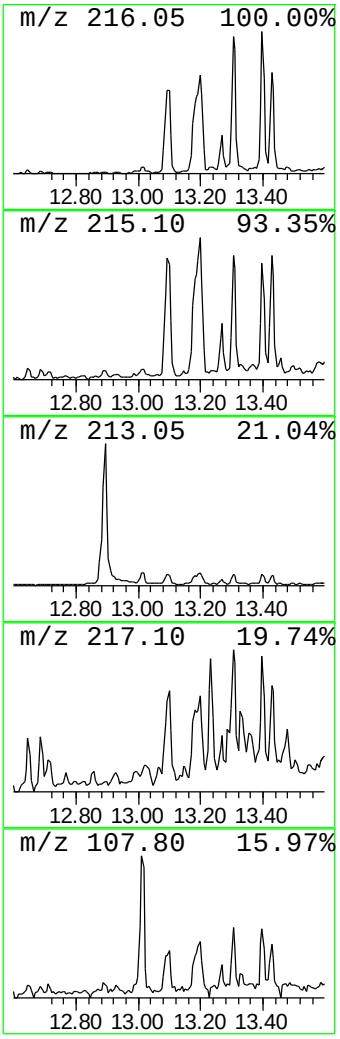
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.35 ng	168642	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

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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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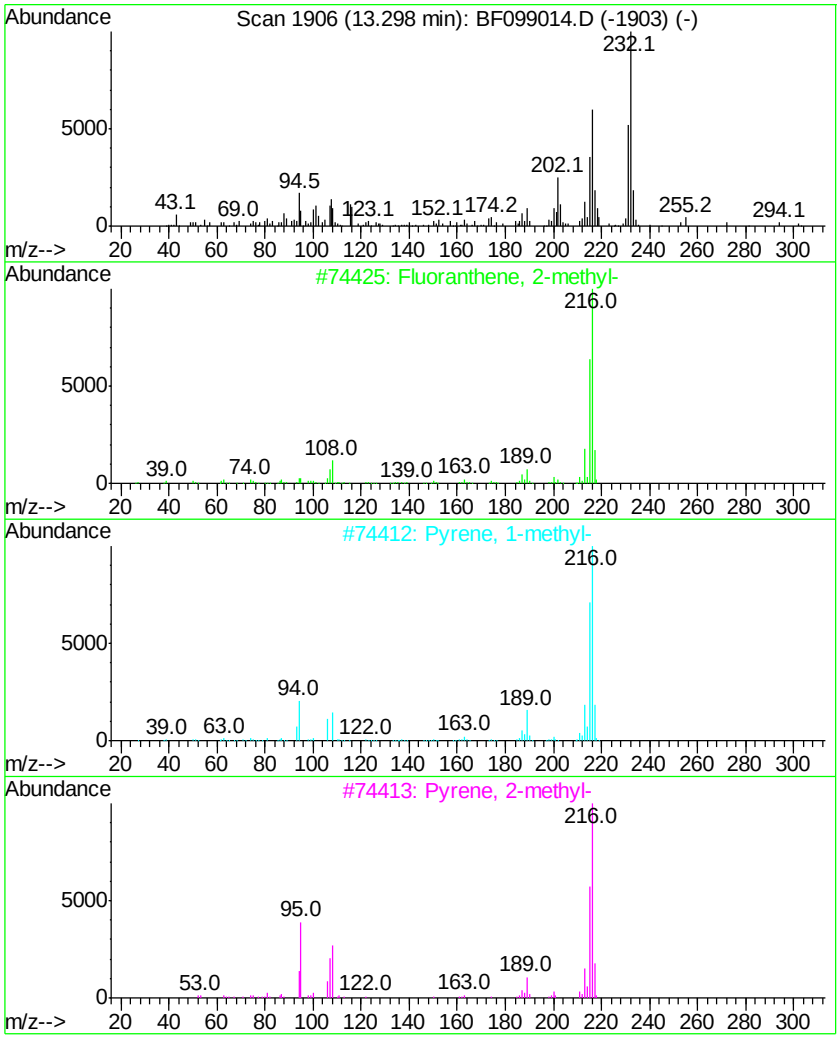
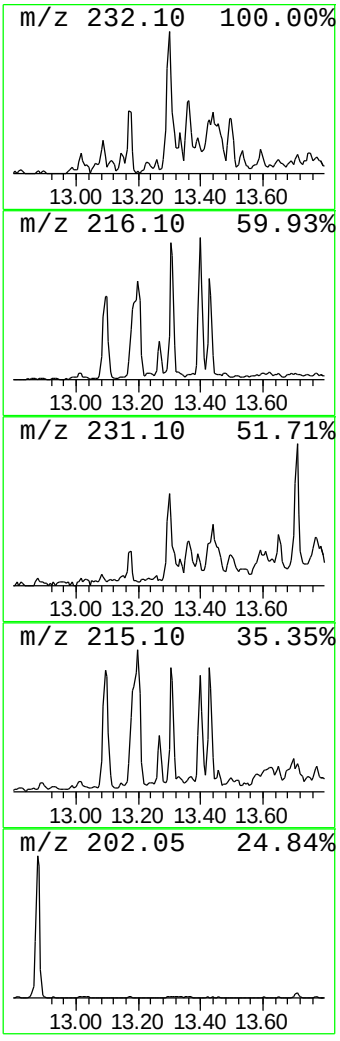
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.31 ng	166243	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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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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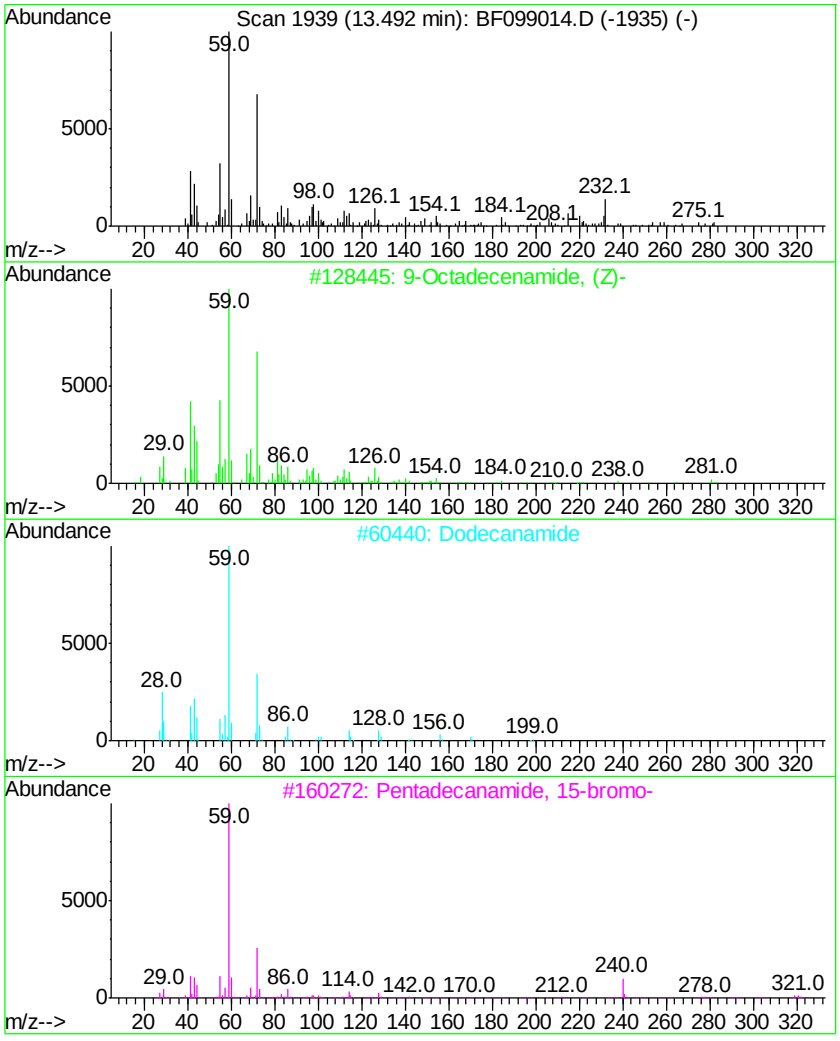
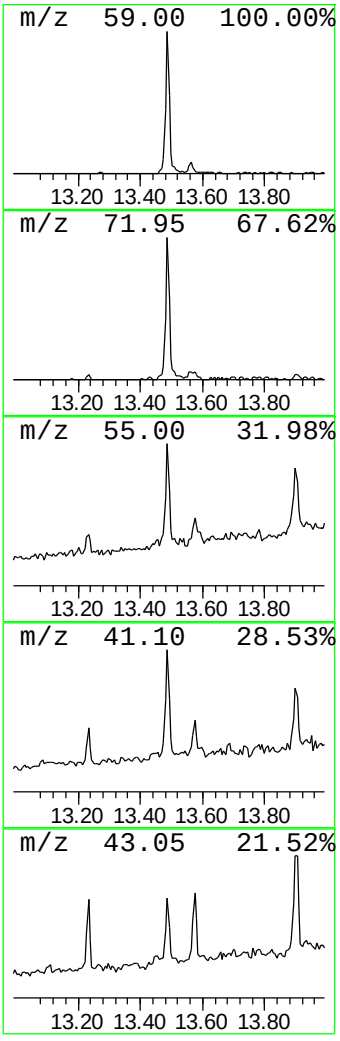
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.28 ng	164094	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Dodecanamide	199	C12H25NO	001120-16-7	59
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Tetradecanamide	227	C14H29NO	000638-58-4	53
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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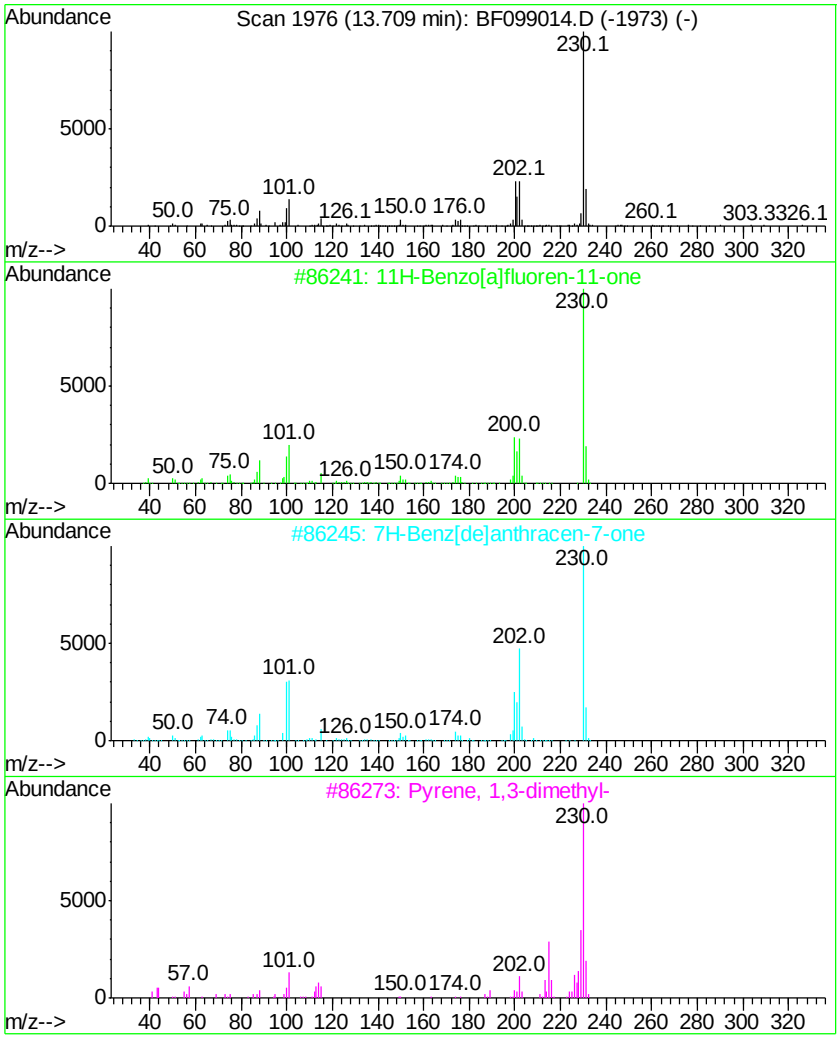
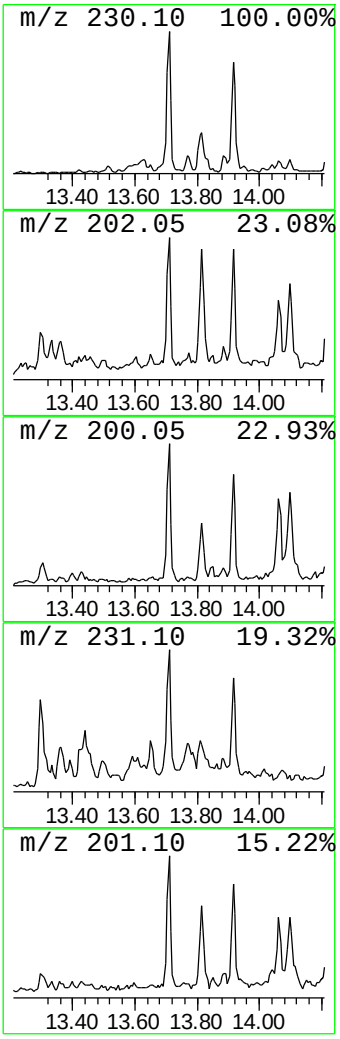
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.30 ng	165116	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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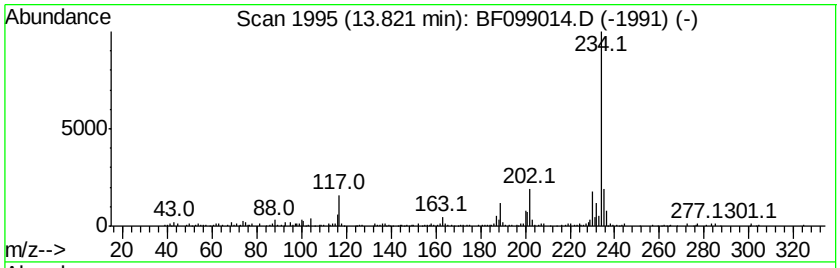
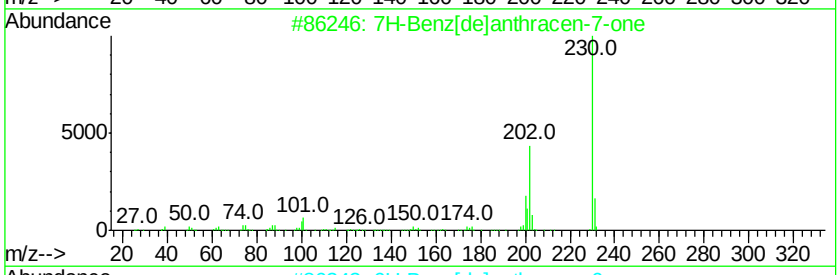
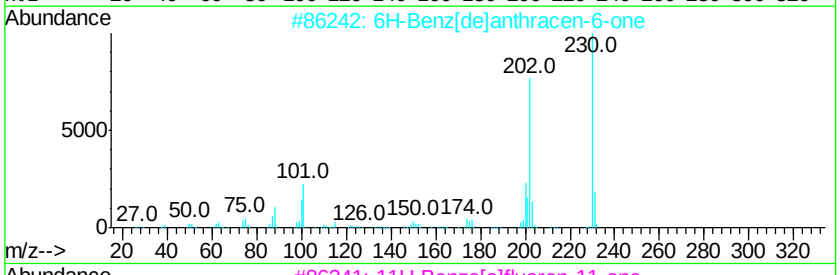
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 15

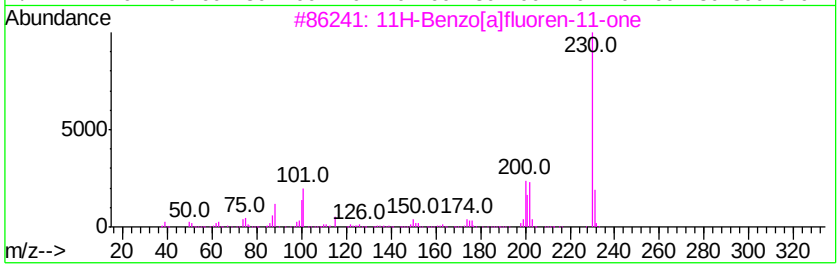
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.55 ng	183607	Chrysene-d12	14.07

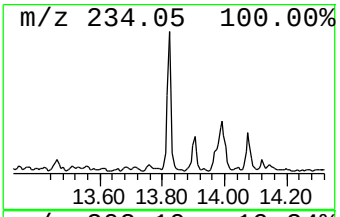
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	86
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50

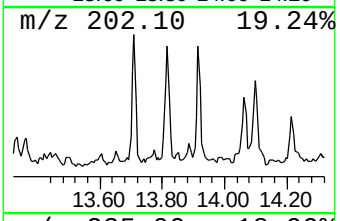


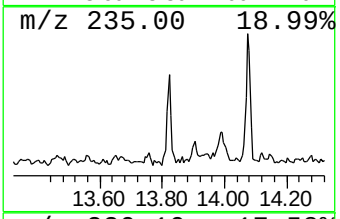


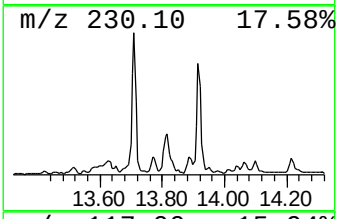


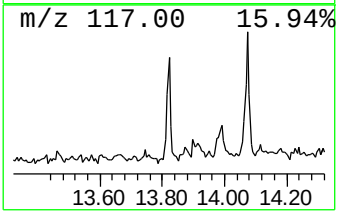












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Data File : BF099014.D
Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

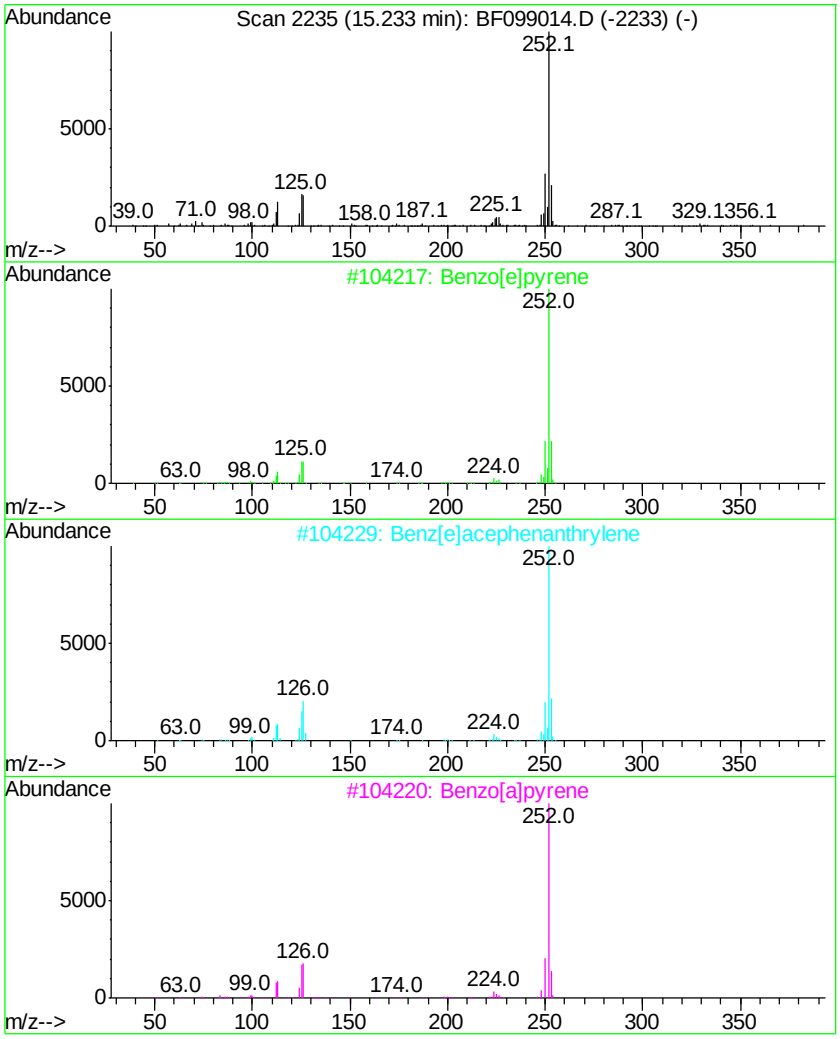
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

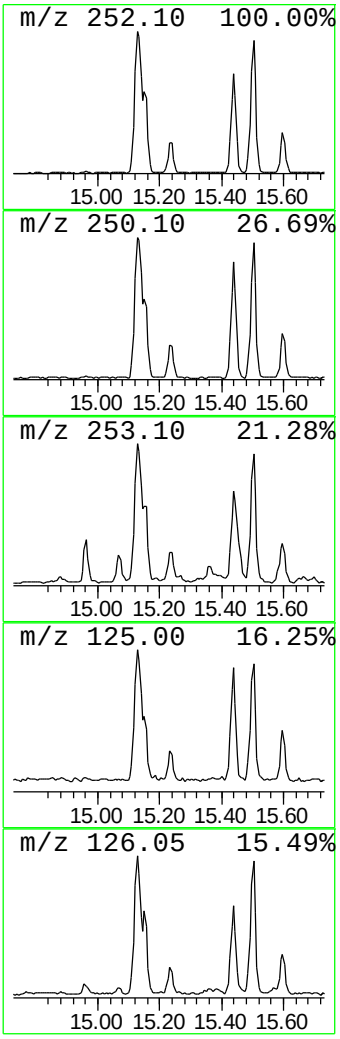
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.57 ng	99732	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099014.D
Acq On : 2 Oct 2017 21:56
Operator : SJ/JU
Sample : I5531-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62-2.5-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.19	2.7	ng	99128	1	6.90	740511	20.0
3-Penten-2-one, 4...	4.51	13.7	ng	508828	1	6.90	740511	20.0
Propane, 2-methyl...	5.12	19.9	ng	735760	1	6.90	740511	20.0
unknown6.67	6.67	36.1	ng	1337950	1	6.90	740511	20.0
Phenanthrene, 2-m...	11.93	2.9	ng	114107	4	11.43	789586	20.0
Anthracene, 2-met...	11.96	3.6	ng	142060	4	11.43	789586	20.0
1H-Cyclopropa[l]p...	12.04	4.3	ng	171364	4	11.43	789586	20.0
Tricyclo[8.2.2.2(...	12.23	2.6	ng	102251	4	11.43	789586	20.0
Phenanthrene, 2,5...	12.48	3.5	ng	139003	4	11.43	789586	20.0
Cyclopenta(def)ph...	12.57	3.2	ng	125978	4	11.43	789586	20.0
Pyrene, 1-methyl-	13.10	2.4	ng	168642	5	14.07	1437990	20.0
Fluoranthene, 2-m...	13.30	2.3	ng	166243	5	14.07	1437990	20.0
9-Octadecenamide,...	13.49	2.3	ng	164094	5	14.07	1437990	20.0
11H-Benzo[a]fluor...	13.71	2.3	ng	165116	5	14.07	1437990	20.0
7H-Benz[de]anthra...	13.82	2.5	ng	183607	5	14.07	1437990	20.0
Benzo[e]pyrene	15.23	2.6	ng	99732	6	15.57	776930	20.0