LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098093.D
Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

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-BF081517.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	4.910	478	480	490	rVB	33588	38979	3.50%	0.213%
2	5.334	549	552	563	rVB	527033	499678	44.93%	2.728%
3	6.369	724	728	736	rBV	584629	532811	47.90%	2.909%
4	6.504	747	751	757	rBV	630858	523481	47.07%	2.858%
5	6.569	758	762	767	rVB4	25163	30732	2.76%	0.168%
6	6.739	787	791	798	rBV	768965	644442	57.94%	3.518%
7	6.892	813	817	820	rBV	449548	377670	33.96%	2.062%
8	7.298	882	886	891	rBV	344875	294370	26.47%	1.607%
9	8.022	1004	1009	1012	rBV	948182	846181	76.08%	4.619%
10	8.045	1012	1013	1016	rVB	107103	54312	4.88%	0.296%
11	8.733	1127	1130	1134	rVV	83925	69704	6.27%	0.381%
12	8.833	1143	1147	1151	rVB	63600	53472	4.81%	0.292%
13	9.098	1188	1192	1201	rBV	605061	527174	47.40%	2.878%
14	9.292	1222	1225	1229	rBV	27494	27221	2.45%	0.149%
15	9.363	1232	1237	1240	rBV	31693	40106	3.61%	0.219%
16	9.433	1246	1249	1252	rBV	52385	49891	4.49%	0.272%
17	9.498	1256	1260	1264	rVV2	94686	113511	10.21%	0.620%
18	9.551	1266	1269	1274	rBV	26713	30754	2.77%	0.168%
19	9.633	1280	1283	1288	rVB	225748	191351	17.20%	1.045%
20	9.775	1301	1307	1310	rBV	990234	883198	79.41%	4.822%
21	9.804	1310	1312	1316	rVB	88746	83704	7.53%	0.457%
22	9.880	1322	1325	1329	rBV2	23517	30217	2.72%	0.165%
23	9.975	1337	1341	1345	rVV	44720	48858	4.39%	0.267%
24	10.086	1356	1360	1363	rBV2	39485	49825	4.48%	0.272%
25	10.180	1371	1376	1378	rBV3	27481	40187	3.61%	0.219%
26	10.210	1378	1381	1382	rVV2	27146	30583	2.75%	0.167%
27	10.227	1382	1384	1387	rVV	55325	42485	3.82%	0.232%
28	10.292	1393	1395	1397	rVV	43042	31584	2.84%	0.172%
29	10.322	1397	1400	1406	rVV3	61208	94423	8.49%	0.515%
30	10.386	1406	1411	1413	rVV2	27585	42531	3.82%	0.232%
31	10.427	1416	1418	1421	rVV2	44548	48473	4.36%	0.265%
32	10.474	1423	1426	1429	rVV2	23957	36338	3.27%	0.198%
33	10.557	1435	1440	1445	rVV	356642	361426	32.50%	1.973%
34	10.686	1458	1462	1470	rVV2	64380	85568	7.69%	0.467%

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Sample : I4959-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.863	1488	1492	1495	rBV3	41735	57115	5.14%	0.312%
36	10.892	1495	1497	1500	rVV	35788	37020	3.33%	0.202%
37	10.951	1504	1507	1510	rVV2	40762	44186	3.97%	0.241%
38	11.016	1510	1518	1521	rVV4	38790	72232	6.49%	0.394%
39	11.063	1524	1526	1529	rVV2	47769	43570	3.92%	0.238%
40	11.127	1535	1537	1539	rVV2	34165	36664	3.30%	0.200%
41	11.151	1539	1541	1548	rVB2	48959	58687	5.28%	0.320%
42	11.257	1555	1559	1561	rBV	1057347	910847	81.89%	4.972%
43	11.280	1561	1563	1566	rVV	427201	323594	29.09%	1.767%
44	11.333	1569	1572	1575	rVB	120525	109139	9.81%	0.596%
45	11.369	1575	1578	1581	rBV2	35814	42201	3.79%	0.230%
46	11.486	1592	1598	1601	rBV2	35915	57783	5.20%	0.315%
47	11.586	1613	1615	1621	rVB	44824	36423	3.27%	0.199%
48	11.669	1627	1629	1633	rVB	30906	31372	2.82%	0.171%
49	11.757	1641	1644	1646	rVV	159756	138447	12.45%	0.756%
50	11.786	1646	1649	1652	rVV	193952	166675	14.99%	0.910%
51	11.833	1654	1657	1659	rBV	88468	80806	7.27%	0.441%
52	11.868	1659	1663	1665	rVV2	210848	246393	22.15%	1.345%
53	11.892	1665	1667	1672	rVB	127425	113828	10.23%	0.621%
54	12.051	1692	1694	1696	rBV2	59998	49474	4.45%	0.270%
55	12.186	1714	1717	1718	rBV2	32469	36284	3.26%	0.198%
56	12.204	1718	1720	1722	rVV	57537	53605	4.82%	0.293%
57	12.233	1722	1725	1727	rVV	73426	76719	6.90%	0.419%
58	12.257	1727	1729	1732	rVV	59579	45843	4.12%	0.250%
59	12.304	1734	1737	1740	rVV	200321	212044	19.06%	1.158%
60	12.345	1740	1744	1746	rVV2	130437	194589	17.50%	1.062%
61	12.392	1749	1752	1757	rVV3	94186	145213	13.06%	0.793%
62	12.463	1761	1764	1768	rVV	456707	447728	40.25%	2.444%
63	12.510	1770	1772	1774	rVV	40391	47942	4.31%	0.262%
64	12.557	1778	1780	1784	rVV	89752	91574	8.23%	0.500%
65	12.633	1788	1793	1798	rVV4	49149	106716	9.59%	0.583%
66	12.692	1798	1803	1806	rVV	623460	648235	58.28%	3.539%
67	12.757	1810	1814	1817	rVV2	66479	86373	7.77%	0.472%
68	12.810	1820	1823	1825	rVV2	59968	64664	5.81%	0.353%
69	12.839	1825	1828	1835	rVB	536964	542528	48.78%	2.962%
70	12.910	1837	1840	1844	rVV	106483	152598	13.72%	0.833%
71	12.968	1847	1850	1852	rVV4	41316	48438	4.35%	0.264%

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Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.004	1852	1856	1857	rVV2	101401	138992	12.50%	0.759%
73	13.021	1857	1859	1862	rVB	187709	155115	13.95%	0.847%
74	13.086	1867	1870	1873	rVB2	118848	109748	9.87%	0.599%
75	13.127	1873	1877	1880	rBV2	141942	150414	13.52%	0.821%
76	13.192	1885	1888	1890	rVV2	40696	54433	4.89%	0.297%
77	13.215	1890	1892	1895	rVV	149415	136466	12.27%	0.745%
78	13.245	1895	1897	1901	rVB	131227	129904	11.68%	0.709%
79	13.421	1924	1927	1929	rBV2	43648	49179	4.42%	0.268%
80	13.504	1939	1941	1943	rBV2	35959	36423	3.27%	0.199%
81	13.533	1943	1946	1950	rVB2	75194	105967	9.53%	0.578%
82	13.586	1953	1955	1958	rVB	38609	35030	3.15%	0.191%
83	13.639	1959	1964	1967	rBV4	74512	143027	12.86%	0.781%
84	13.668	1967	1969	1971	rVB	48683	35000	3.15%	0.191%
85	13.739	1979	1981	1984	rVB2	65316	67644	6.08%	0.369%
86	13.892	2001	2007	2009	rBV2	875104	1112244	100.00%	6.072%
87	13.915	2009	2011	2019	rVB	350239	318027	28.59%	1.736%
88	13.974	2019	2021	2023	rBV2	42954	40825	3.67%	0.223%
89	14.239	2064	2066	2068	rBV	53868	52608	4.73%	0.287%
90	14.274	2068	2072	2076	rVV	165052	218339	19.63%	1.192%
91	14.310	2076	2078	2081	rVB	99106	82642	7.43%	0.451%
92	14.368	2086	2088	2091	rVB2	82514	68106	6.12%	0.372%
93	14.398	2091	2093	2095	rBV	88013	84163	7.57%	0.459%
94	14.904	2175	2179	2186	rBV	269979	514016	46.21%	2.806%
95	15.009	2194	2197	2200	rVB	99231	106992	9.62%	0.584%
96	15.192	2225	2228	2234	rVB	214782	265791	23.90%	1.451%
97	15.251	2234	2238	2244	rBV	315973	401731	36.12%	2.193%
98	15.315	2244	2249	2252	rBV	578165	714113	64.20%	3.898%
99	16.692	2478	2483	2490	rVB2	120488	245367	22.06%	1.340%
100	17.103	2548	2553	2562	rVB	115587	232639	20.92%	1.270%

Sum of corrected areas: 18317734

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Sample : I4959-04 5X
Misc :
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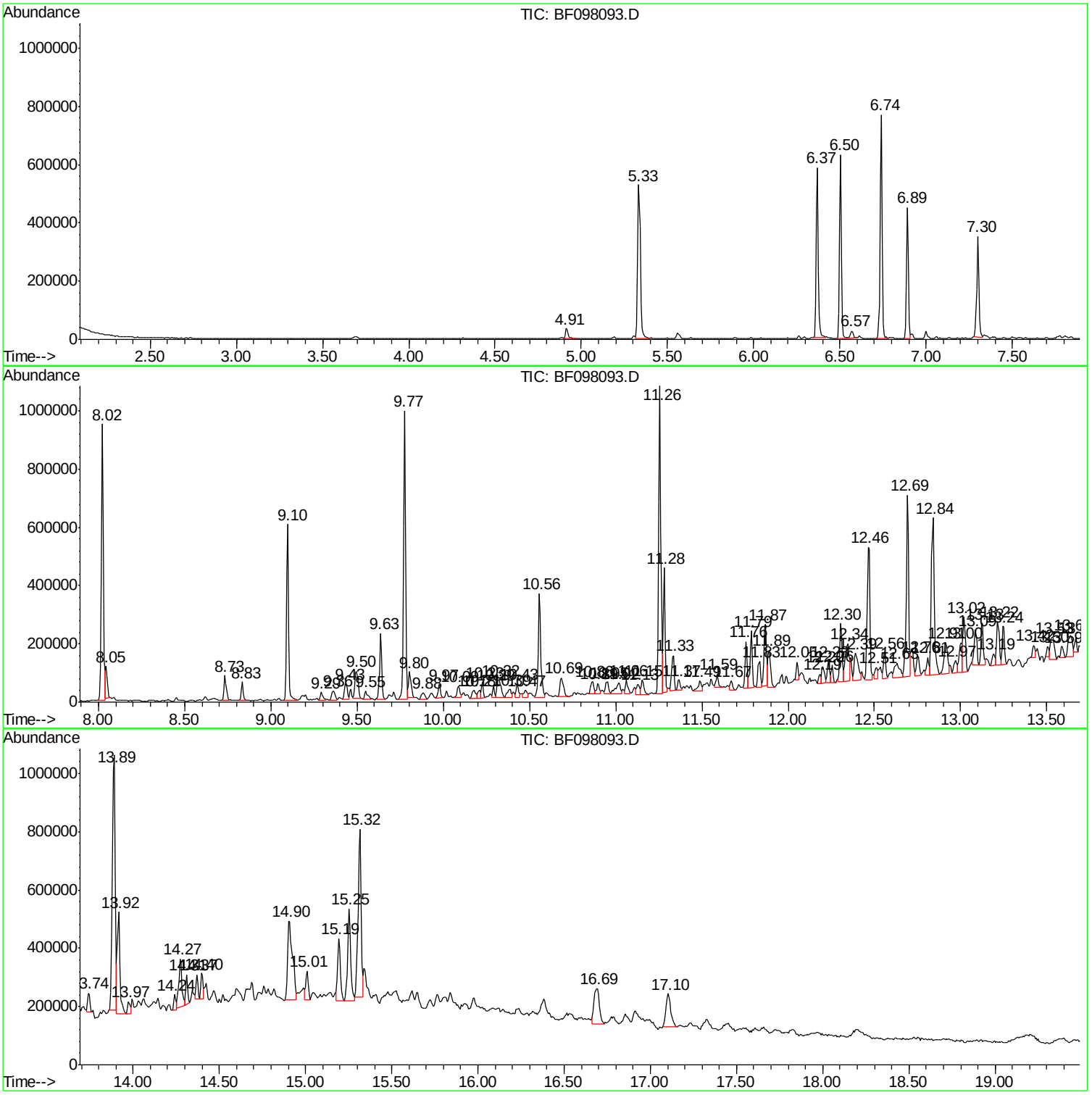
Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
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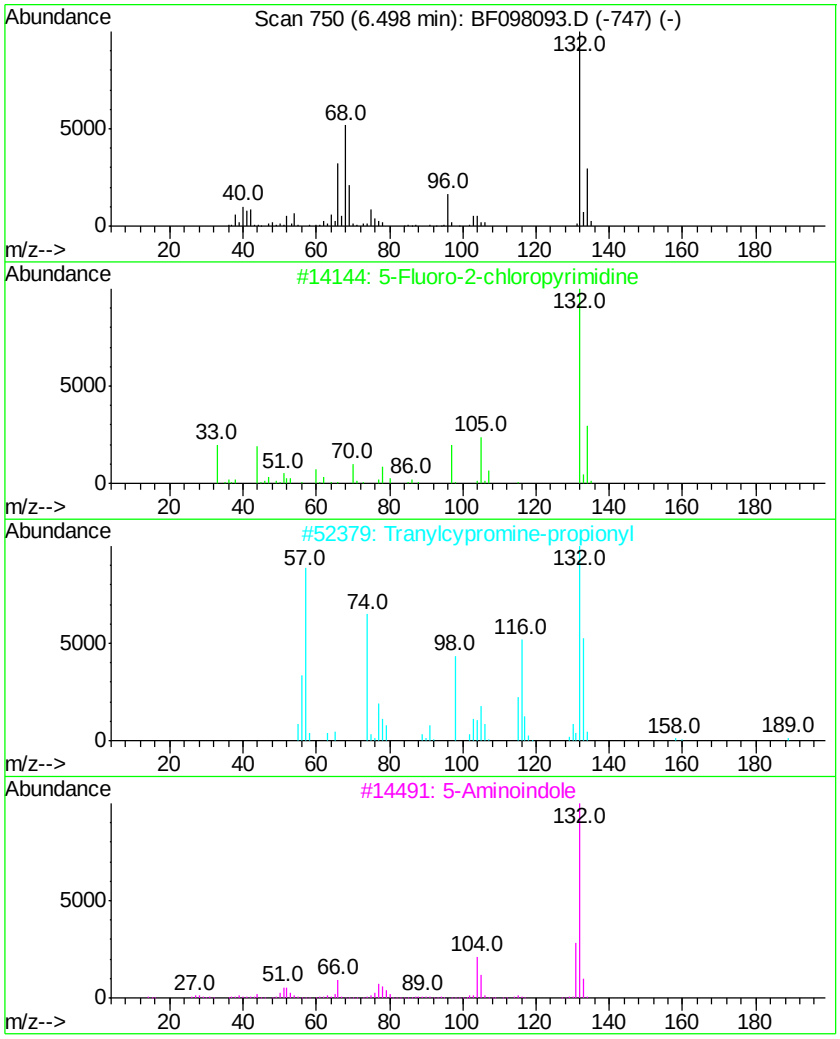
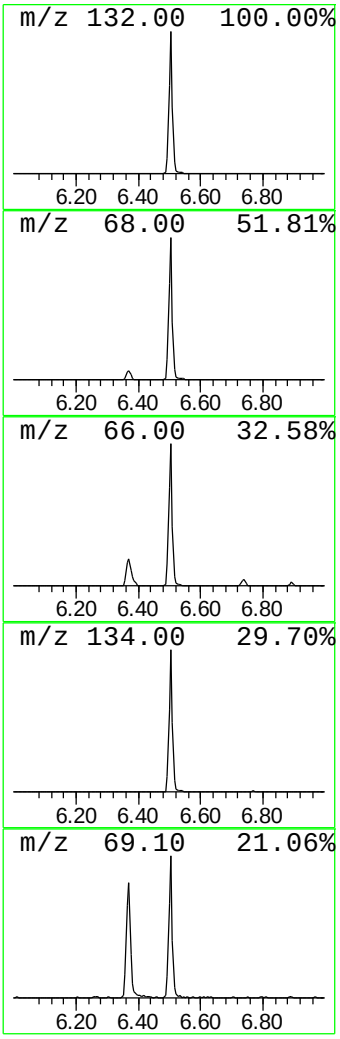
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	16.25 ng	523481	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098093.D
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Sample : I4959-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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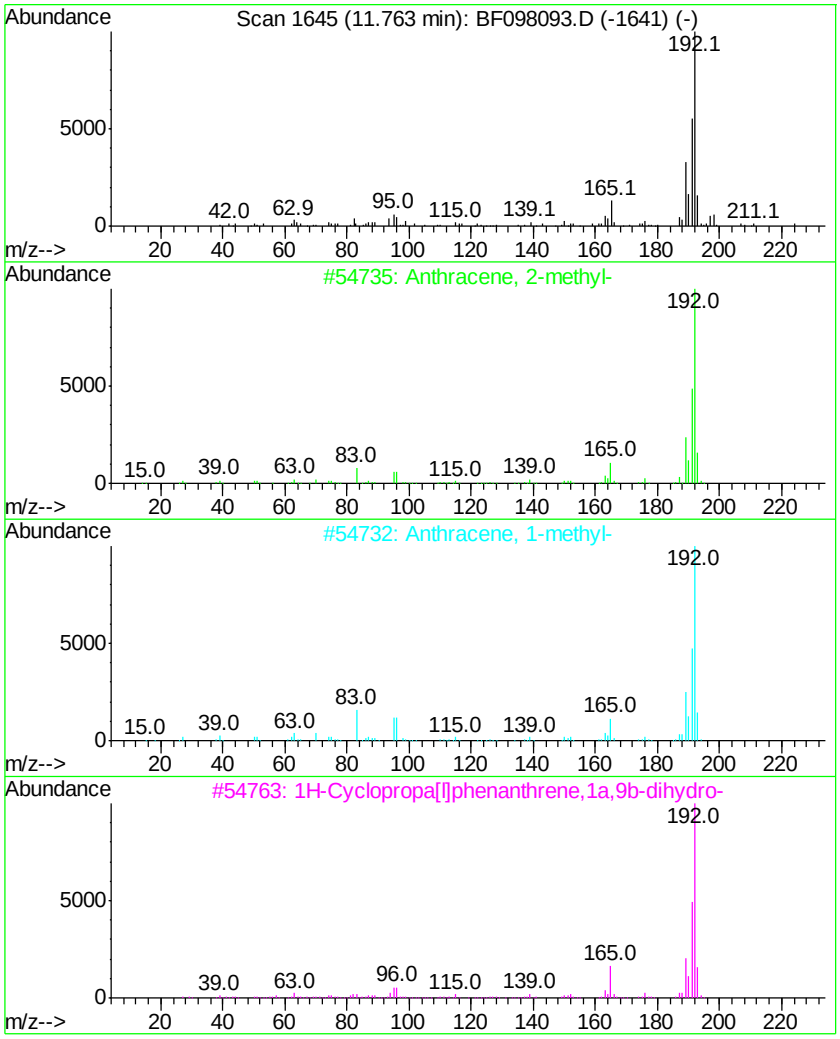
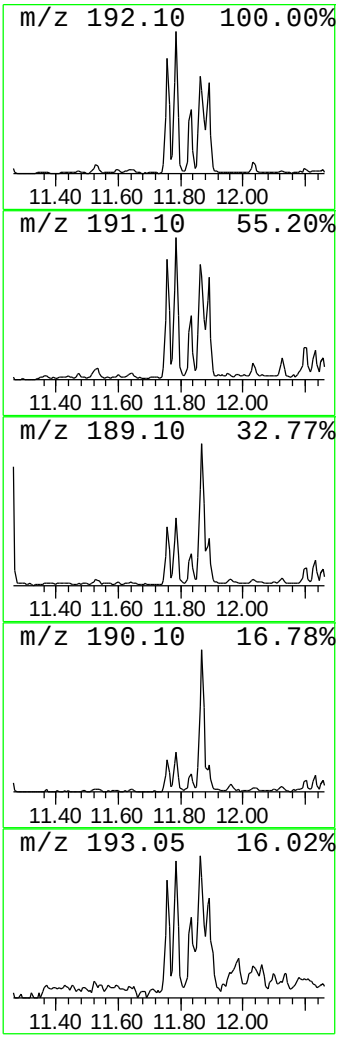
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.04 ng	138447	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Library Search Compound Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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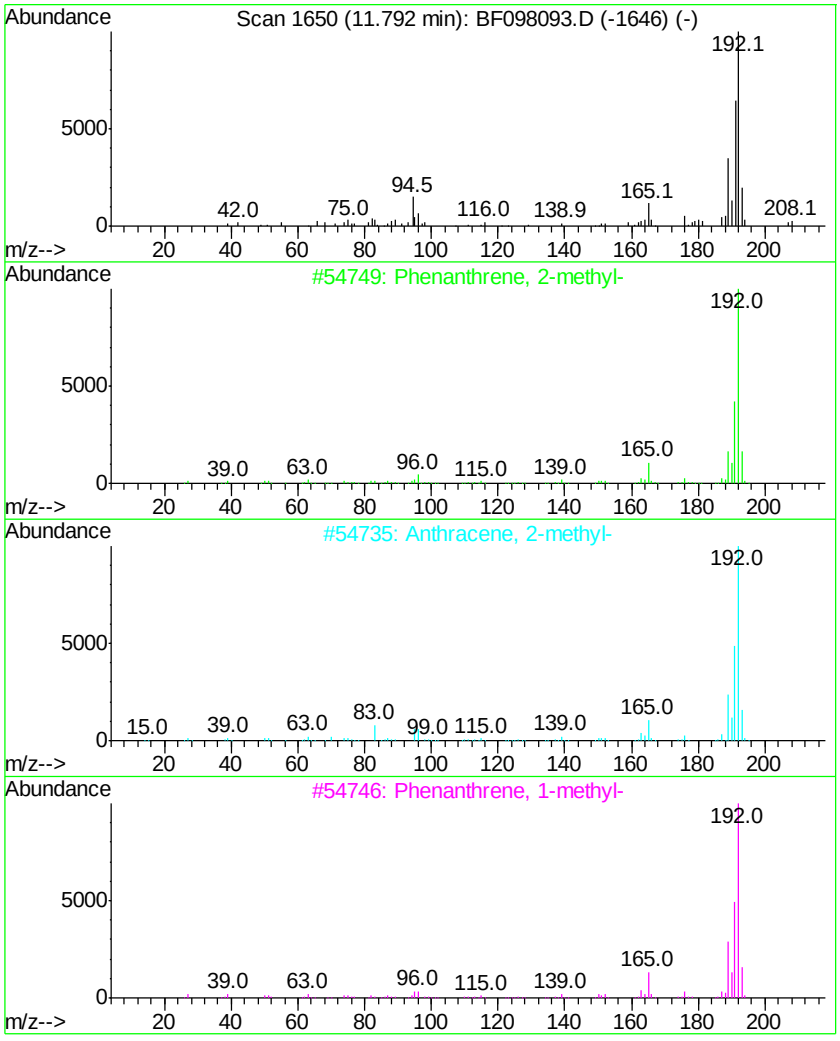
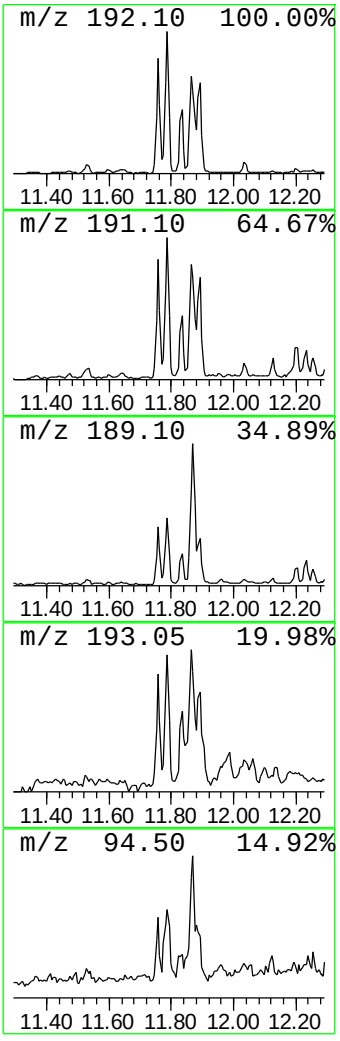
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.66 ng	166675	Phenanthrene-d10	11.26

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





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Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

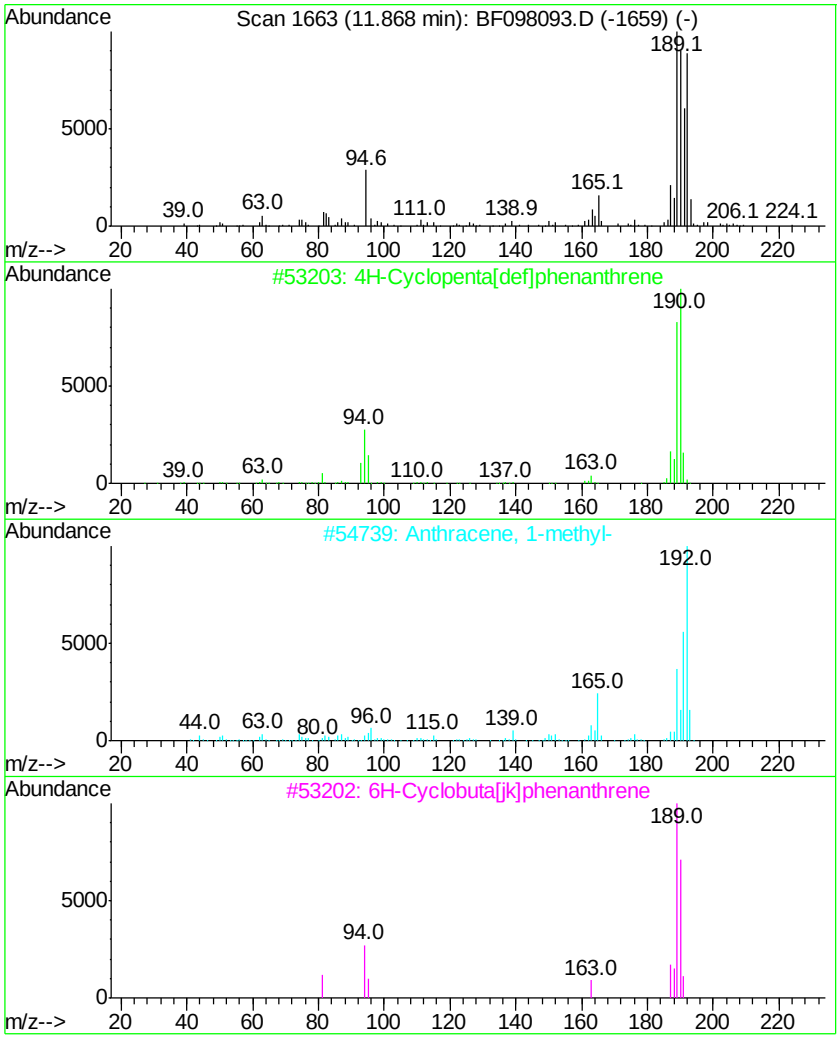
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

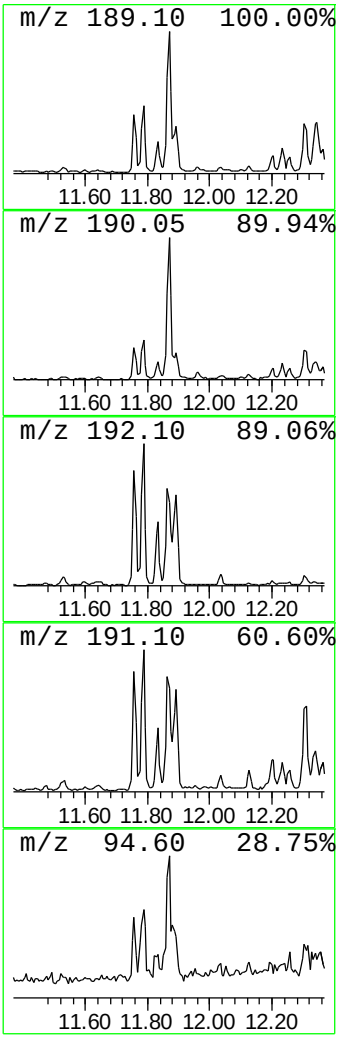
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.41 ng	246393	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098093.D
Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

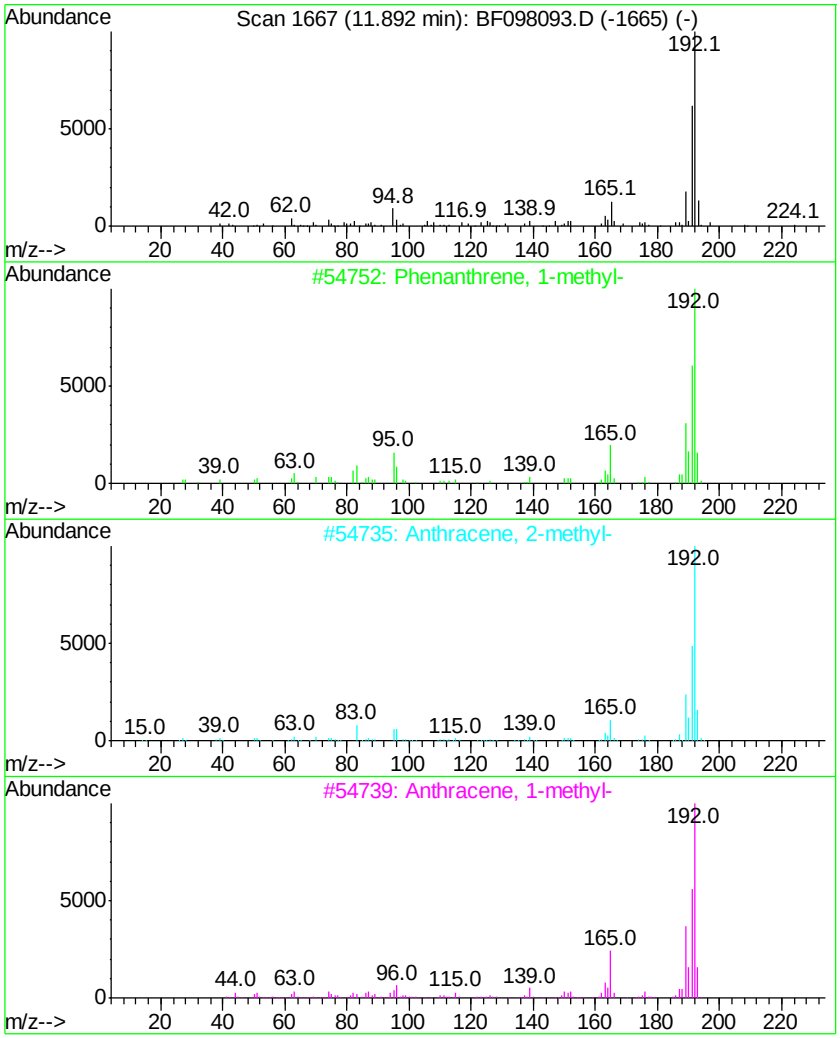
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

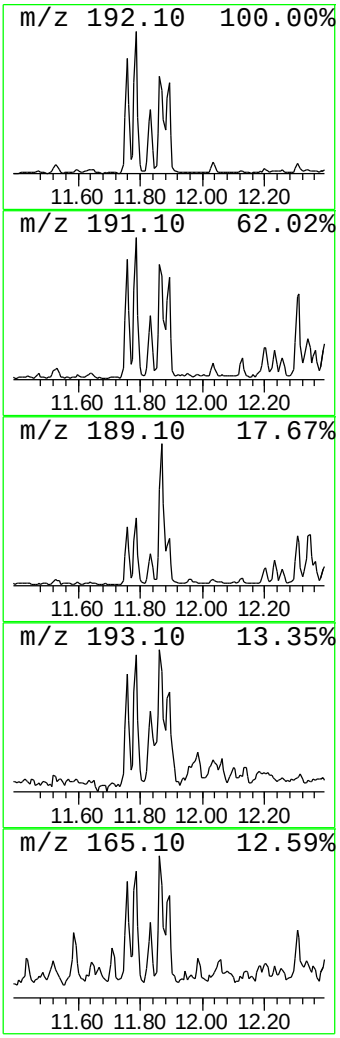
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.50 ng	113828	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Data File : BF098093.D
Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

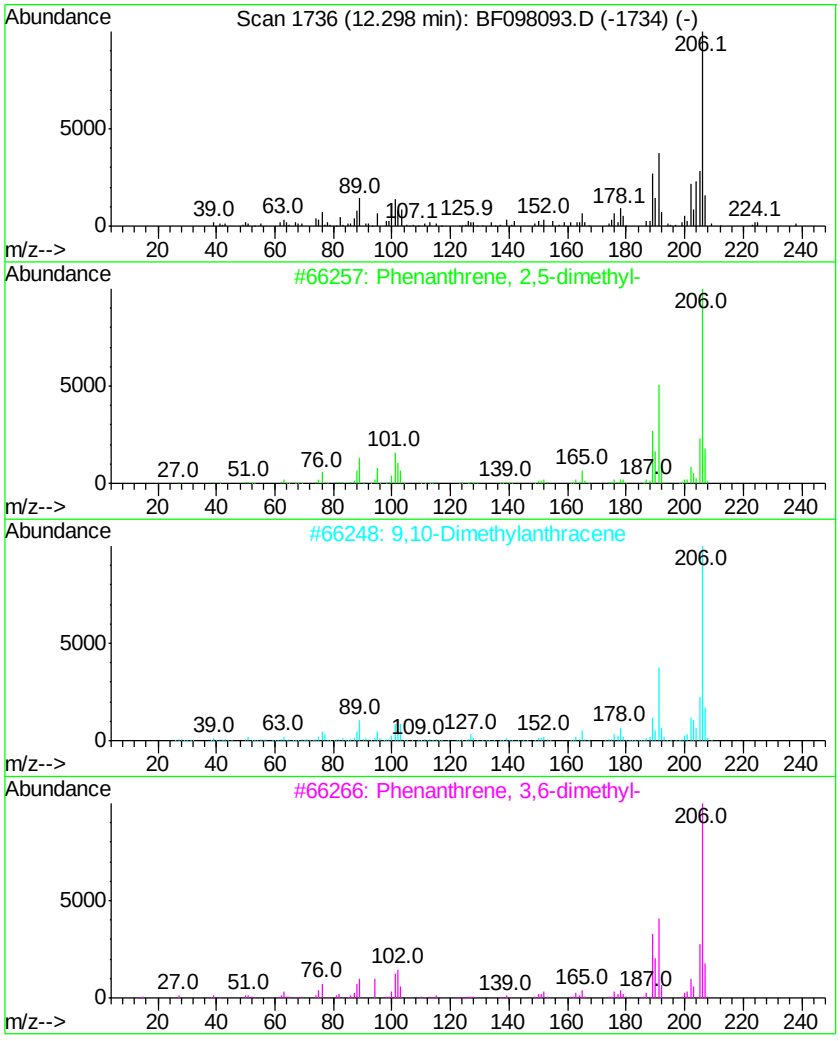
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

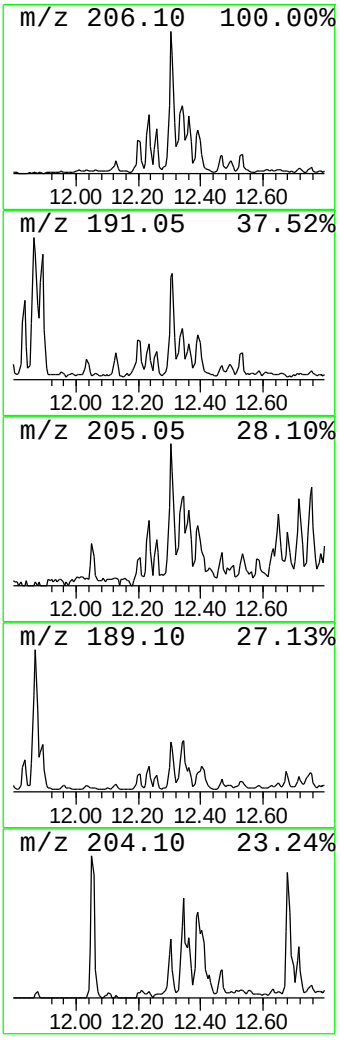
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.66 ng	212044	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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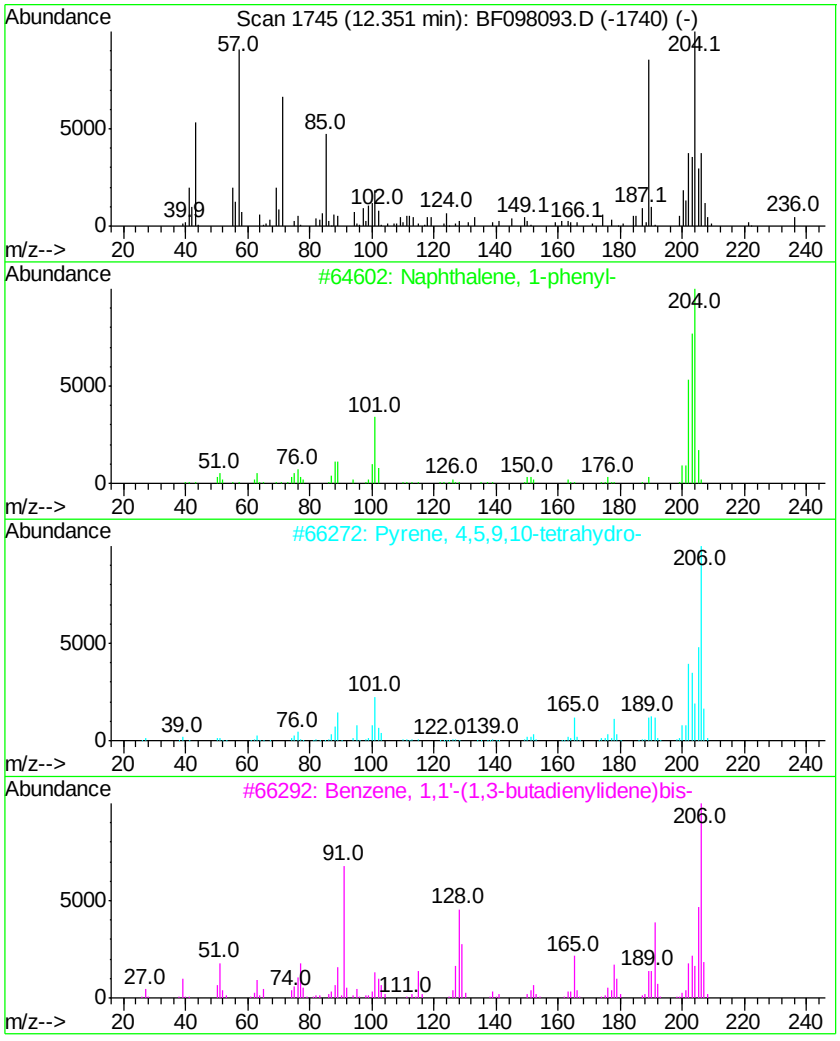
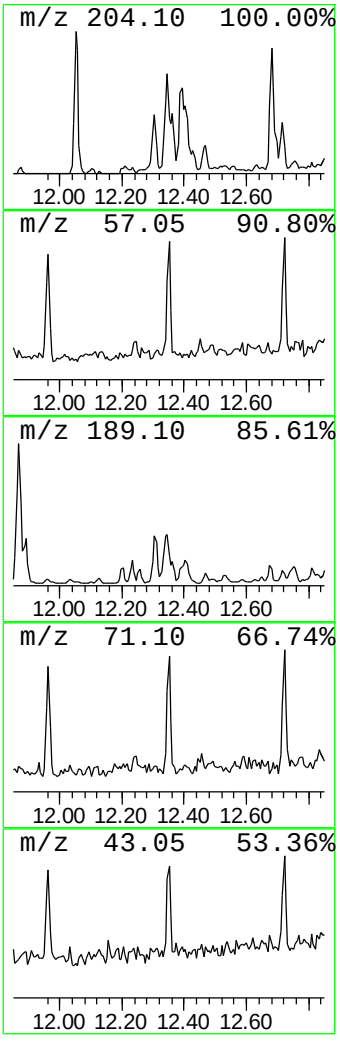
Peak Number 9 unknown12.35 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.27 ng	194589	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	42
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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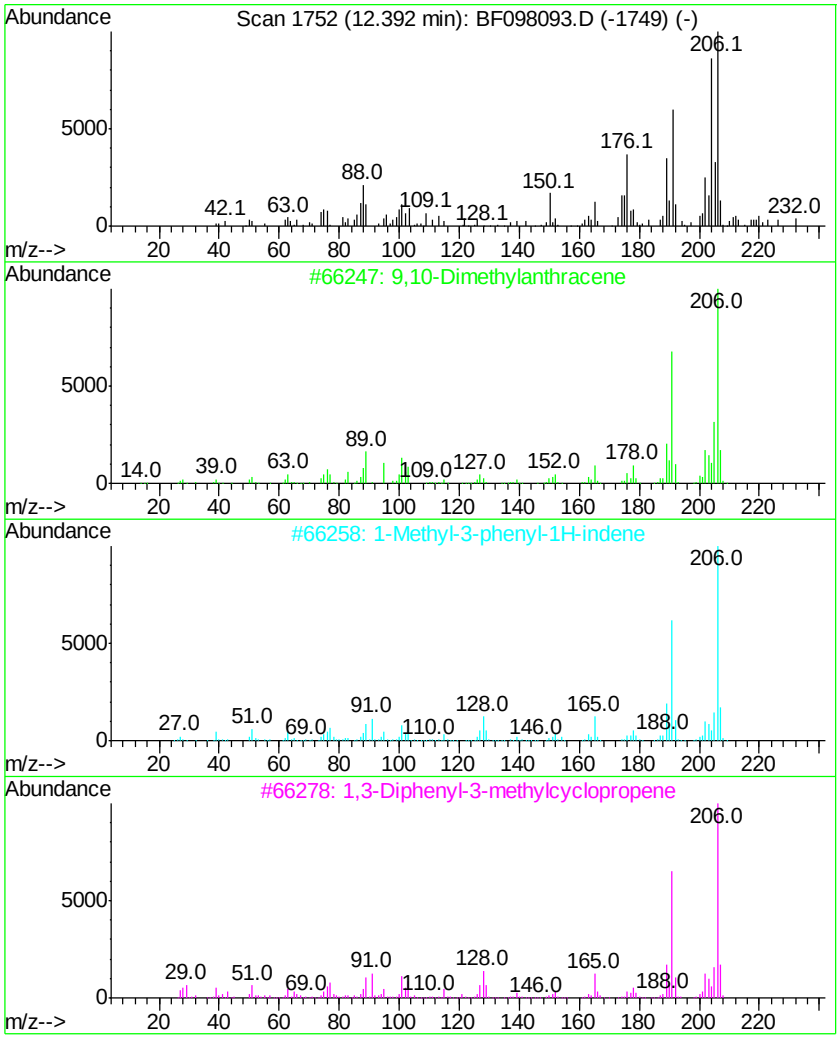
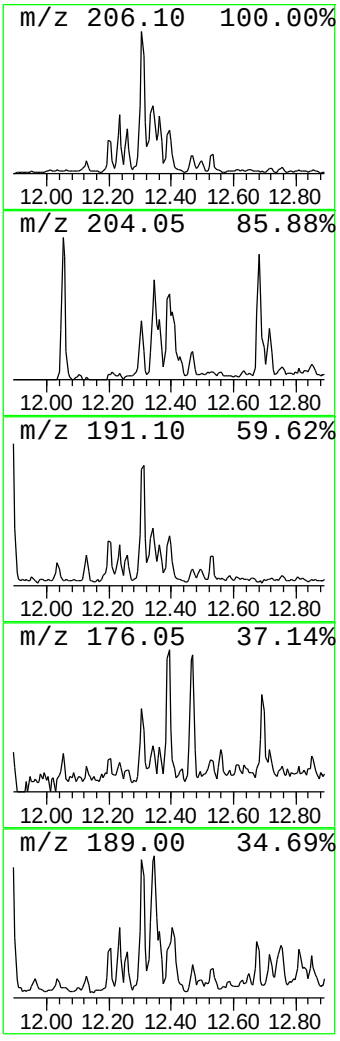
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.19 ng	145213	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46





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Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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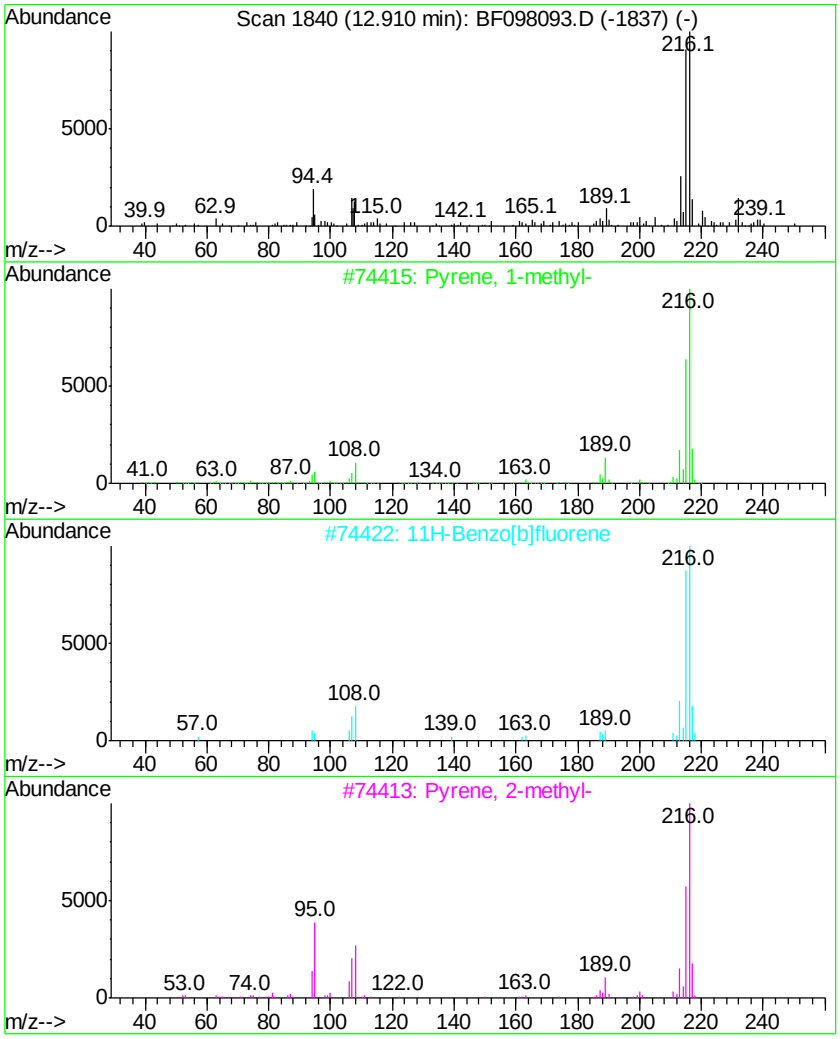
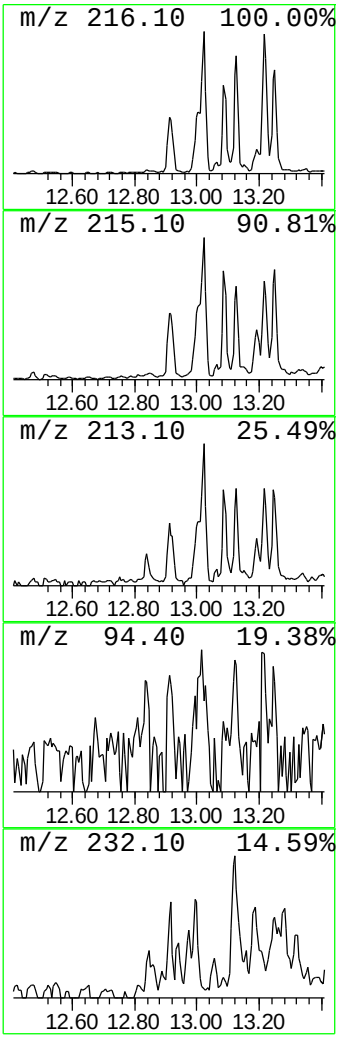
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.74 ng	152598	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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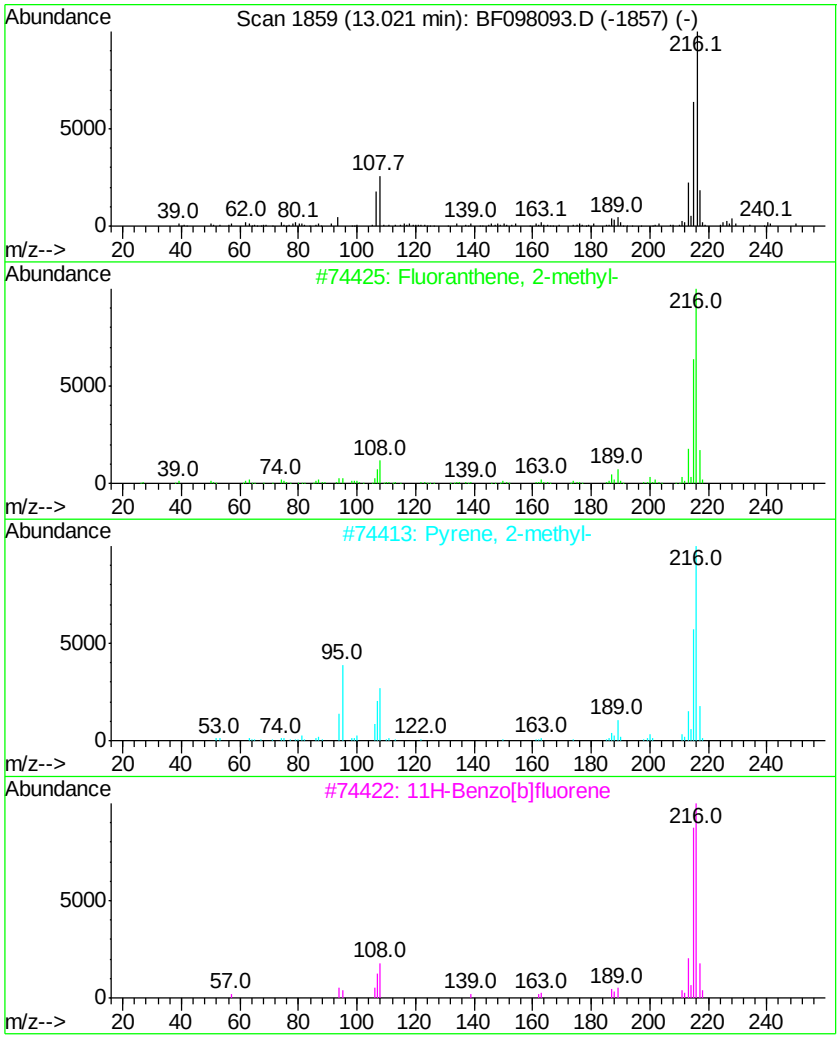
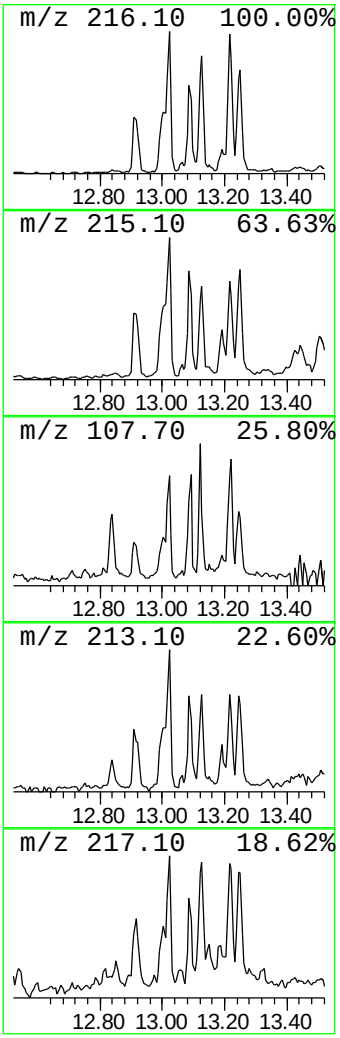
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.79 ng	155115	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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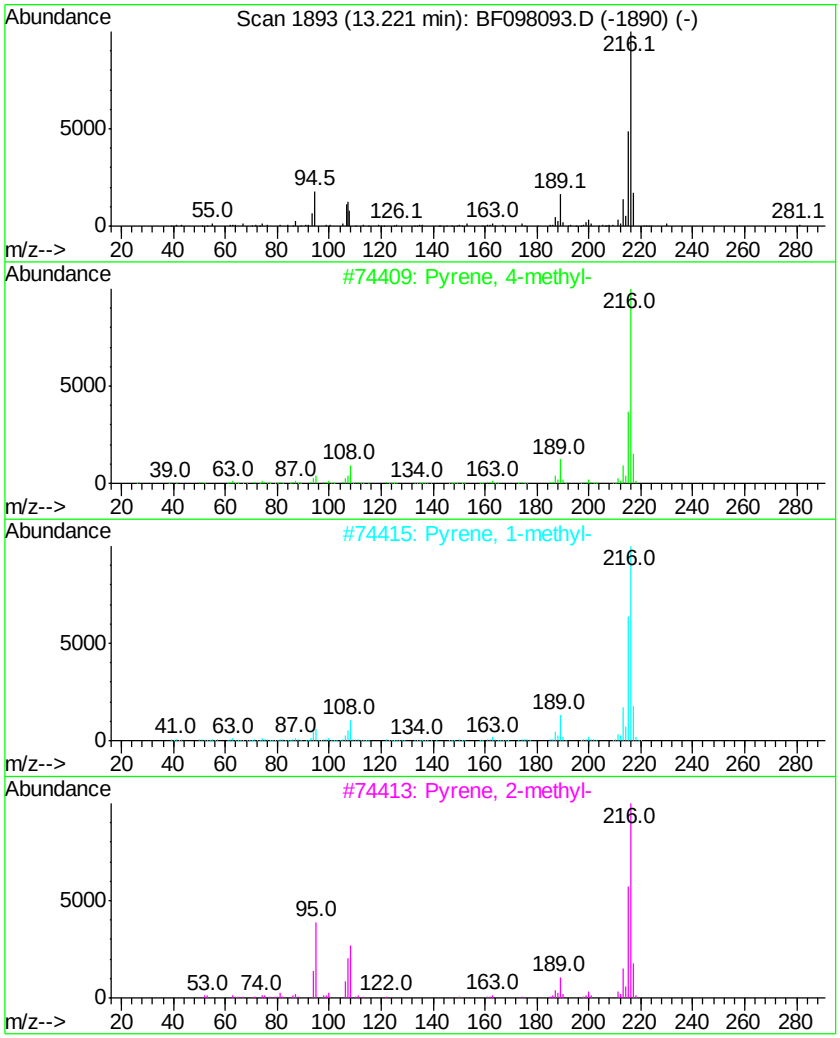
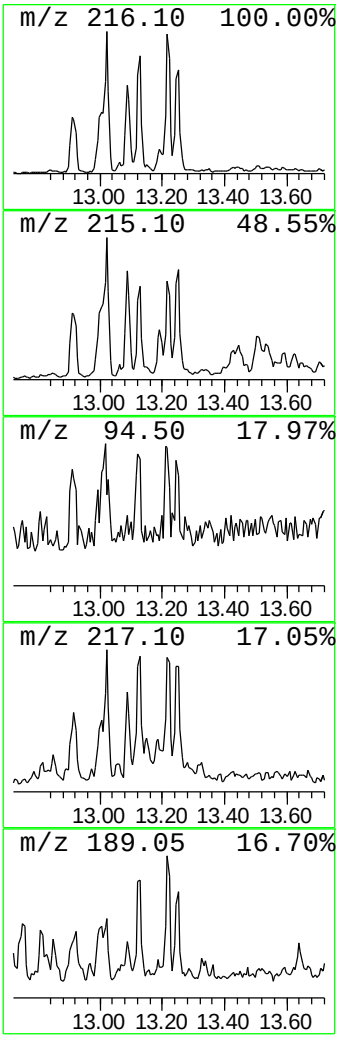
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.45 ng	136466	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	4H-Thiazolo[5,4-b]indole, 2,5,7-...	216	C12H12N2S	1000304-43-7	50





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Operator : SJ/JU
Sample : I4959-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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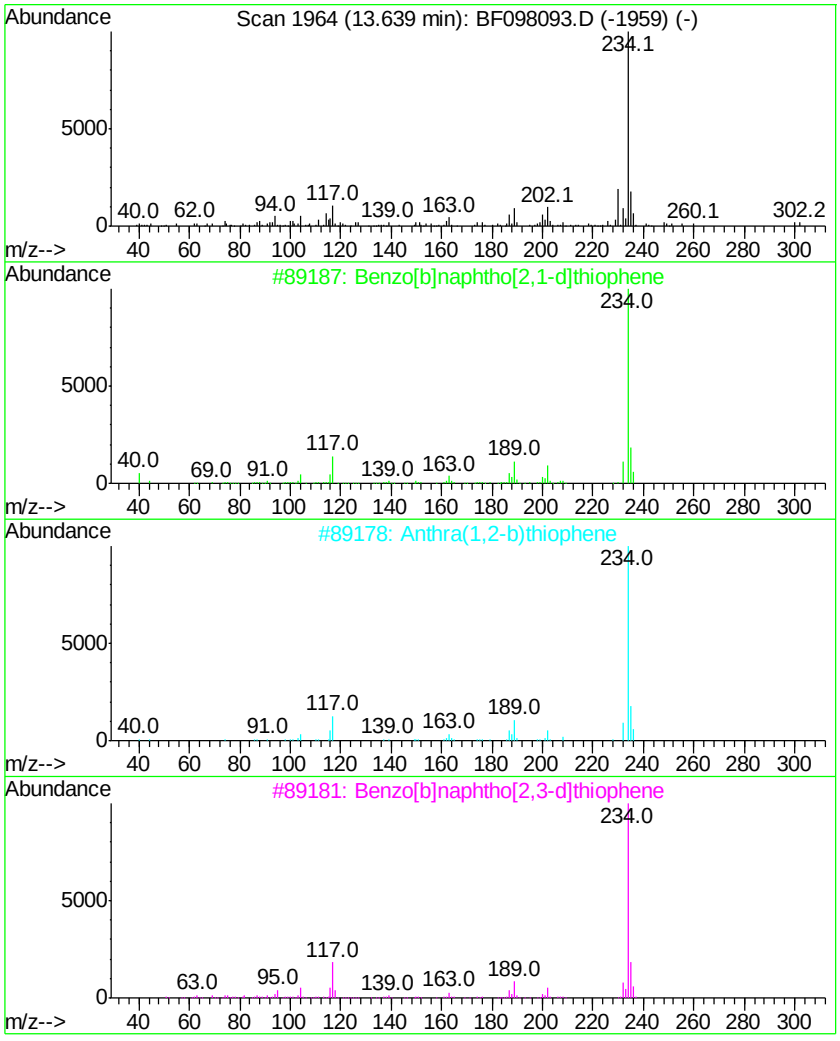
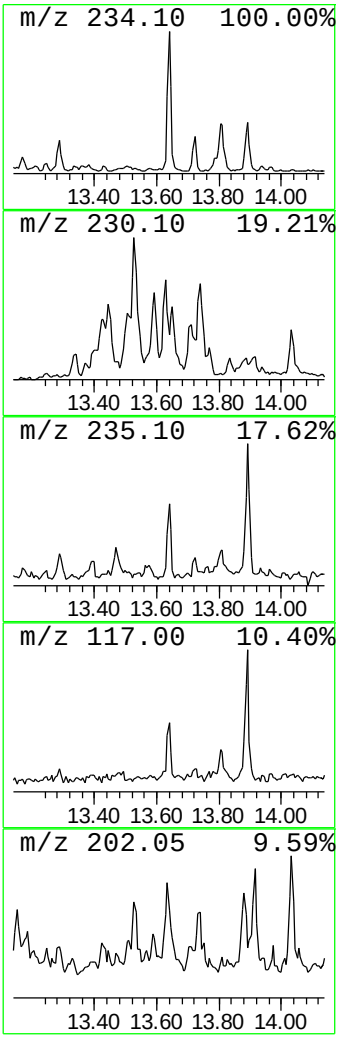
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.57 ng	143027	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	89
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	89
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76





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Misc :
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Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Integration Parameters: LSCINT.P

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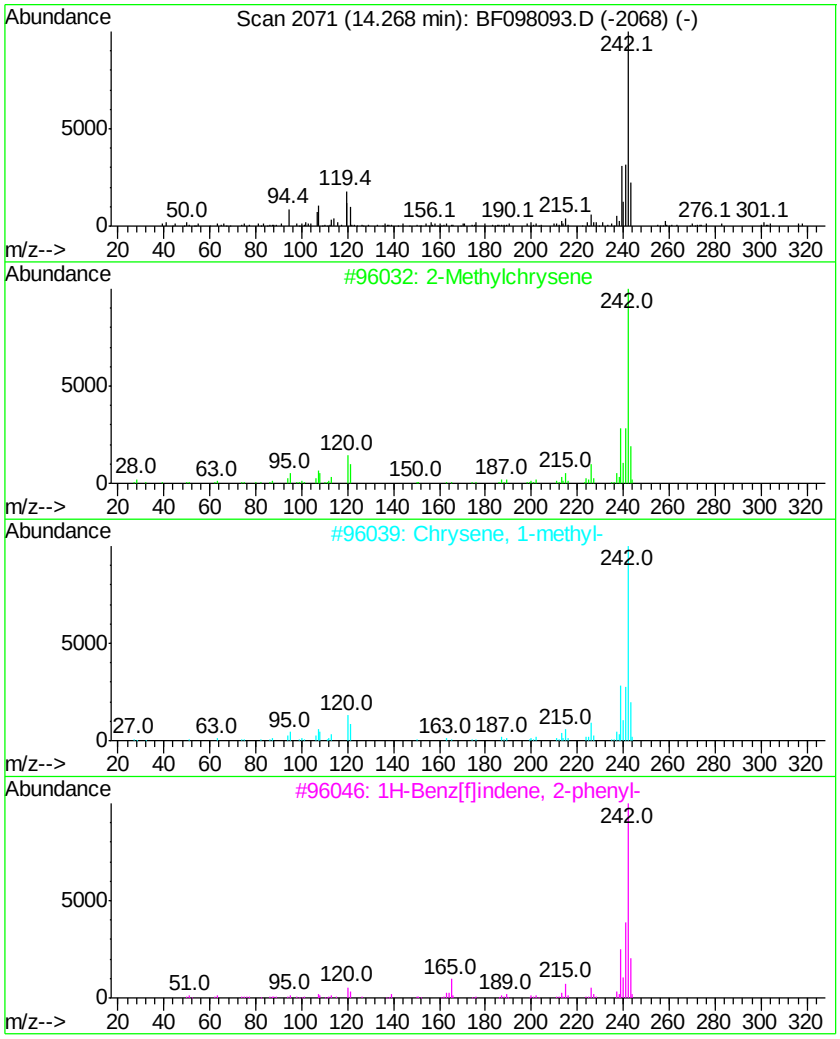
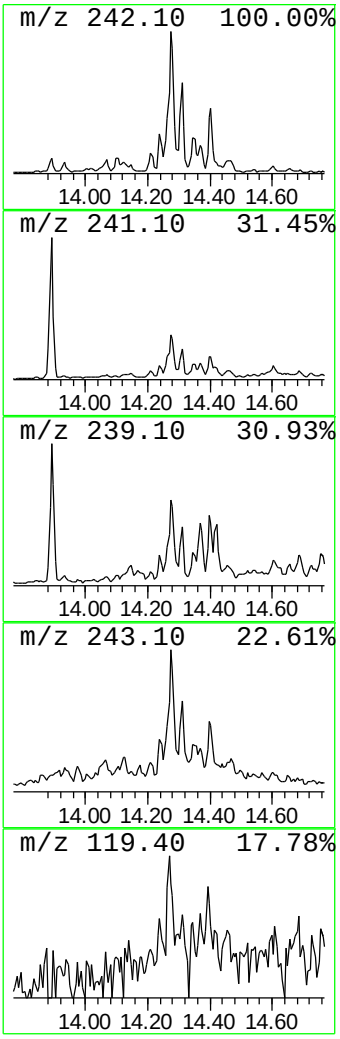
Peak Number 18 2-Methylchrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.93 ng	218339	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91





Tentatively Identified Compound (LSC) summary

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Acq On : 29 Aug 2017 3:48
Operator : SJ/JU
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Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	16.3	ng	523481	1	6.74	644442	20.0
Anthracene, 2-met...	11.76	3.0	ng	138447	4	11.26	910847	20.0
Phenanthrene, 2-m...	11.79	3.7	ng	166675	4	11.26	910847	20.0
4H-Cyclopenta[def...	11.87	5.4	ng	246393	4	11.26	910847	20.0
Phenanthrene, 1-m...	11.89	2.5	ng	113828	4	11.26	910847	20.0
Phenanthrene, 2,5...	12.30	4.7	ng	212044	4	11.26	910847	20.0
unknown12.35	12.35	4.3	ng	194589	4	11.26	910847	20.0
9,10-Dimethylanth...	12.39	3.2	ng	145213	4	11.26	910847	20.0
Pyrene, 1-methyl-	12.91	2.7	ng	152598	5	13.89	1112240	20.0
Fluoranthene, 2-m...	13.02	2.8	ng	155115	5	13.89	1112240	20.0
Pyrene, 4-methyl-	13.22	2.5	ng	136466	5	13.89	1112240	20.0
Benzo[b]naphtho[2...	13.64	2.6	ng	143027	5	13.89	1112240	20.0
2-Methylchrysene	14.27	3.9	ng	218339	5	13.89	1112240	20.0