LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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	5.075	505	508	517	rBV	41573	47034	4.28%	0.325%
2	5.481	574	577	585	rVB	277889	261553	23.82%	1.806%
3	6.492	746	749	763	rVB	300606	282386	25.72%	1.949%
4	6.634	769	773	779	rBV	370095	287587	26.19%	1.985%
5	6.692	779	783	786	rVB2	22576	21491	1.96%	0.148%
6	6.863	809	812	816	rBV	760199	665539	60.62%	4.594%
7	7.022	835	839	842	rBV	247691	217360	19.80%	1.500%
8	7.422	904	907	911	rBV	163363	145910	13.29%	1.007%
9	8.122	1023	1026	1027	rBV	22025	17391	1.58%	0.120%
10	8.145	1027	1030	1033	rVV	922639	837235	76.26%	5.780%
11	8.169	1033	1034	1037	rVB	43234	22903	2.09%	0.158%
12	8.557	1097	1100	1103	rBV	22000	18620	1.70%	0.129%
13	8.728	1126	1129	1135	rBV	29625	22353	2.04%	0.154%
14	8.857	1148	1151	1155	rBV	39425	35266	3.21%	0.243%
15	8.957	1165	1168	1171	rBV	35973	28478	2.59%	0.197%
16	9.216	1209	1212	1216	rBV	354077	291832	26.58%	2.015%
17	9.292	1222	1225	1228	rBV	30051	23337	2.13%	0.161%
18	9.486	1255	1258	1263	rVB	14968	18234	1.66%	0.126%
19	9.557	1267	1270	1273	rVV	28558	30296	2.76%	0.209%
20	9.586	1273	1275	1277	rVV	23330	19047	1.73%	0.131%
21	9.610	1277	1279	1286	rVB	58643	59548	5.42%	0.411%
22	9.675	1286	1290	1296	rBV2	19197	21054	1.92%	0.145%
23	9.763	1302	1305	1308	rBV	41448	32566	2.97%	0.225%
24	9.822	1310	1315	1320	rVV	31161	26635	2.43%	0.184%
25	9.904	1325	1329	1332	rVV	893620	781777	71.21%	5.397%
26	9.933	1332	1334	1337	rVB2	28837	23352	2.13%	0.161%
27	10.104	1359	1363	1367	rVV2	30751	25430	2.32%	0.176%
28	10.139	1367	1369	1374	rVB2	19823	18878	1.72%	0.130%
29	10.216	1379	1382	1385	rBV2	18232	17546	1.60%	0.121%
30	10.310	1393	1398	1399	rBV2	18901	26017	2.37%	0.180%
31	10.322	1399	1400	1403	rVB	37909	21131	1.92%	0.146%
32	10.445	1418	1421	1428	rBV2	29563	38898	3.54%	0.269%
33	10.604	1444	1448	1452	rBV2	18634	22569	2.06%	0.156%
34	10.686	1459	1462	1467	rVB	135798	118683	10.81%	0.819%

LSC Area Percent Report

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Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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	10.810	1478	1483	1490	rBV4	49660	75726	6.90%	0.523%
36	10.998	1509	1515	1517	rBV5	18644	22738	2.07%	0.157%
37	11.127	1532	1537	1538	rBV3	19659	25924	2.36%	0.179%
38	11.145	1538	1540	1546	rVV2	22096	27906	2.54%	0.193%
39	11.192	1546	1548	1551	rVV2	29753	30508	2.78%	0.211%
40	11.239	1553	1556	1559	rVV3	39821	44784	4.08%	0.309%
41	11.286	1559	1564	1569	rVB2	30977	37960	3.46%	0.262%
42	11.392	1578	1582	1584	rBV	754907	741346	67.52%	5.118%
43	11.416	1584	1586	1589	rVV	542335	430790	39.24%	2.974%
44	11.463	1591	1594	1597	rVB	130773	103128	9.39%	0.712%
45	11.621	1614	1621	1626	rBV	50061	59712	5.44%	0.412%
46	11.669	1626	1629	1630	rBV3	25032	18638	1.70%	0.129%
47	11.721	1635	1638	1643	rVB	33549	33036	3.01%	0.228%
48	11.892	1663	1667	1669	rVV	118746	114422	10.42%	0.790%
49	11.916	1669	1671	1675	rVV	159511	140142	12.76%	0.967%
50	11.963	1675	1679	1682	rVV	46138	50695	4.62%	0.350%
51	11.998	1682	1685	1688	rVV2	146878	176672	16.09%	1.220%
52	12.021	1688	1689	1693	rVB	93555	73665	6.71%	0.509%
53	12.074	1693	1698	1700	rBV2	32501	29144	2.65%	0.201%
54	12.121	1704	1706	1709	rVB3	20679	16644	1.52%	0.115%
55	12.186	1709	1717	1719	rBV	87639	90400	8.23%	0.624%
56	12.216	1719	1722	1727	rVB	47359	51076	4.65%	0.353%
57	12.333	1740	1742	1744	rVV	48538	41165	3.75%	0.284%
58	12.363	1744	1747	1749	rVV	42358	42494	3.87%	0.293%
59	12.386	1749	1751	1754	rVB2	32104	29947	2.73%	0.207%
60	12.439	1754	1760	1762	rBV	112277	121480	11.06%	0.839%
61	12.468	1762	1765	1768	rVV4	56417	84243	7.67%	0.582%
62	12.498	1768	1770	1772	rVB	40590	30328	2.76%	0.209%
63	12.527	1772	1775	1779	rBV	80219	89482	8.15%	0.618%
64	12.604	1784	1788	1791	rBV	1126642	914258	83.27%	6.311%
65	12.645	1793	1795	1797	rBV	23832	22682	2.07%	0.157%
66	12.668	1797	1799	1802	rVB2	36279	28200	2.57%	0.195%
67	12.733	1806	1810	1812	rBV5	21300	33625	3.06%	0.232%
68	12.757	1812	1814	1816	rVV	33875	25547	2.33%	0.176%
69	12.833	1821	1827	1833	rBV	1006844	1097905	100.00%	7.579%
70	12.880	1833	1835	1840	rVB2	60236	70173	6.39%	0.484%
71	12.968	1843	1850	1852	rBV2	321668	307630	28.02%	2.124%

LSC Area Percent Report

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Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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	12.986	1852	1853	1857	rVB3	47821	44553	4.06%	0.308%
73	13.045	1859	1863	1867	rBV2	69063	119277	10.86%	0.823%
74	13.133	1875	1878	1880	rBV3	55249	66459	6.05%	0.459%
75	13.157	1880	1882	1885	rVB	94497	83407	7.60%	0.576%
76	13.192	1885	1888	1889	rBV2	22535	16665	1.52%	0.115%
77	13.227	1891	1894	1896	rBV	46757	42214	3.84%	0.291%
78	13.263	1896	1900	1904	rVV2	88923	86294	7.86%	0.596%
79	13.315	1907	1909	1912	rBV4	17816	19942	1.82%	0.138%
80	13.357	1913	1916	1918	rBV	56443	44465	4.05%	0.307%
81	13.386	1918	1921	1924	rBV	58847	46714	4.25%	0.322%
82	13.445	1928	1931	1933	rBV3	33983	30018	2.73%	0.207%
83	13.533	1944	1946	1948	rBV3	20521	18424	1.68%	0.127%
84	13.668	1966	1969	1973	rVB	91278	84443	7.69%	0.583%
85	13.780	1983	1988	1990	rBV2	99099	123692	11.27%	0.854%
86	13.804	1990	1992	1995	rVV	74734	77699	7.08%	0.536%
87	13.833	1995	1997	2001	rVV2	66130	94665	8.62%	0.653%
88	13.874	2002	2004	2008	rVB	76479	73534	6.70%	0.508%
89	14.027	2026	2030	2033	rBV2	809135	1085474	98.87%	7.493%
90	14.057	2033	2035	2043	rVB	439460	367202	33.45%	2.535%
91	14.133	2046	2048	2051	rBV	39686	39141	3.57%	0.270%
92	14.415	2094	2096	2099	rVB	83664	62366	5.68%	0.431%
93	14.451	2099	2102	2105	rBV2	44937	52587	4.79%	0.363%
94	15.074	2204	2208	2211	rBV	335205	471546	42.95%	3.255%
95	15.186	2224	2227	2232	rBV	54271	61259	5.58%	0.423%
96	15.380	2256	2260	2267	rVB	189510	241585	22.00%	1.668%
97	15.445	2267	2271	2276	rVB	221612	275147	25.06%	1.899%
98	15.509	2277	2282	2285	rBV	402350	518752	47.25%	3.581%
99	16.986	2529	2533	2545	rVB2	99917	209007	19.04%	1.443%
100	17.439	2606	2610	2622	rVB2	80294	167184	15.23%	1.154%

Sum of corrected areas: 14485866

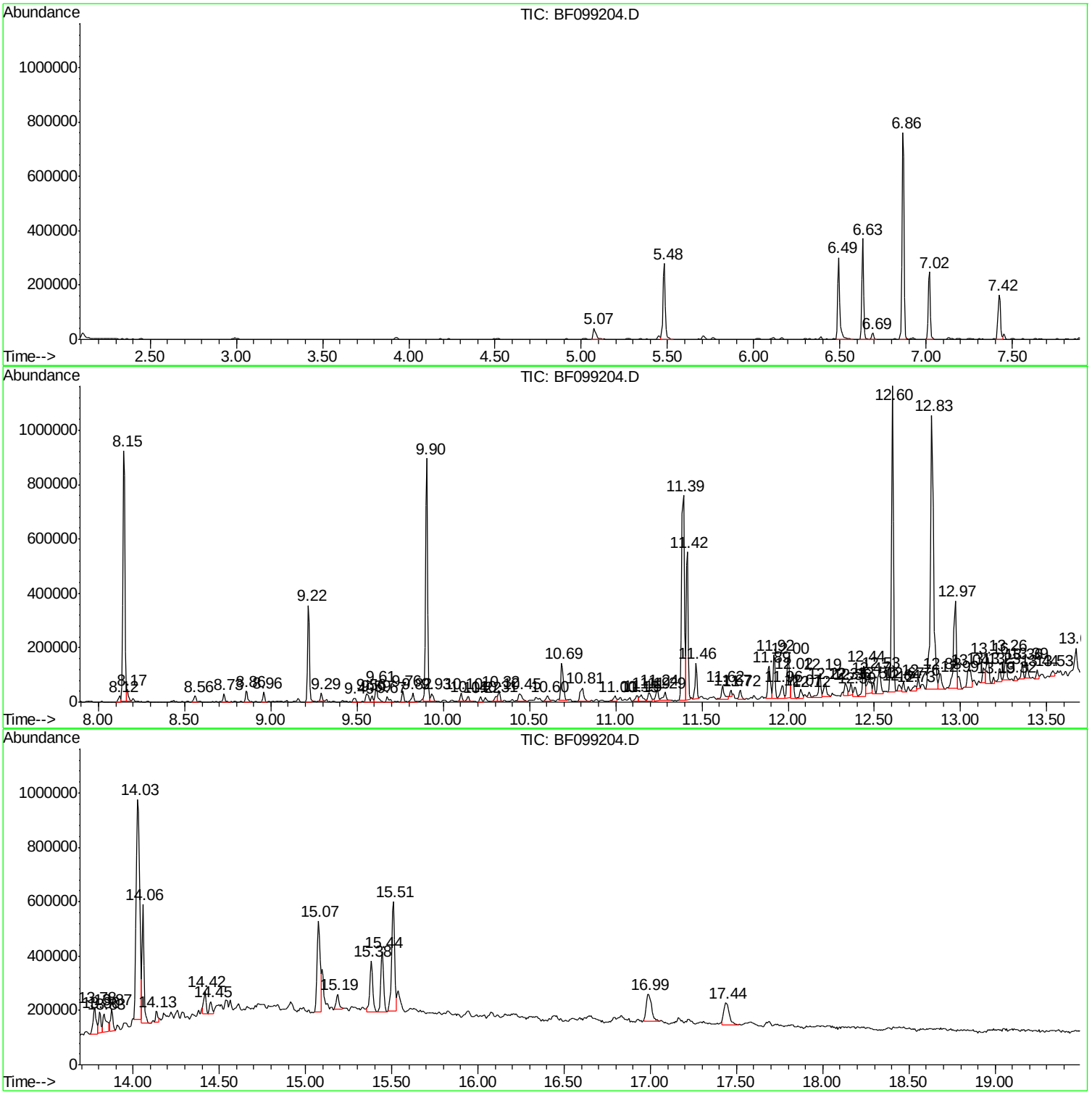
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

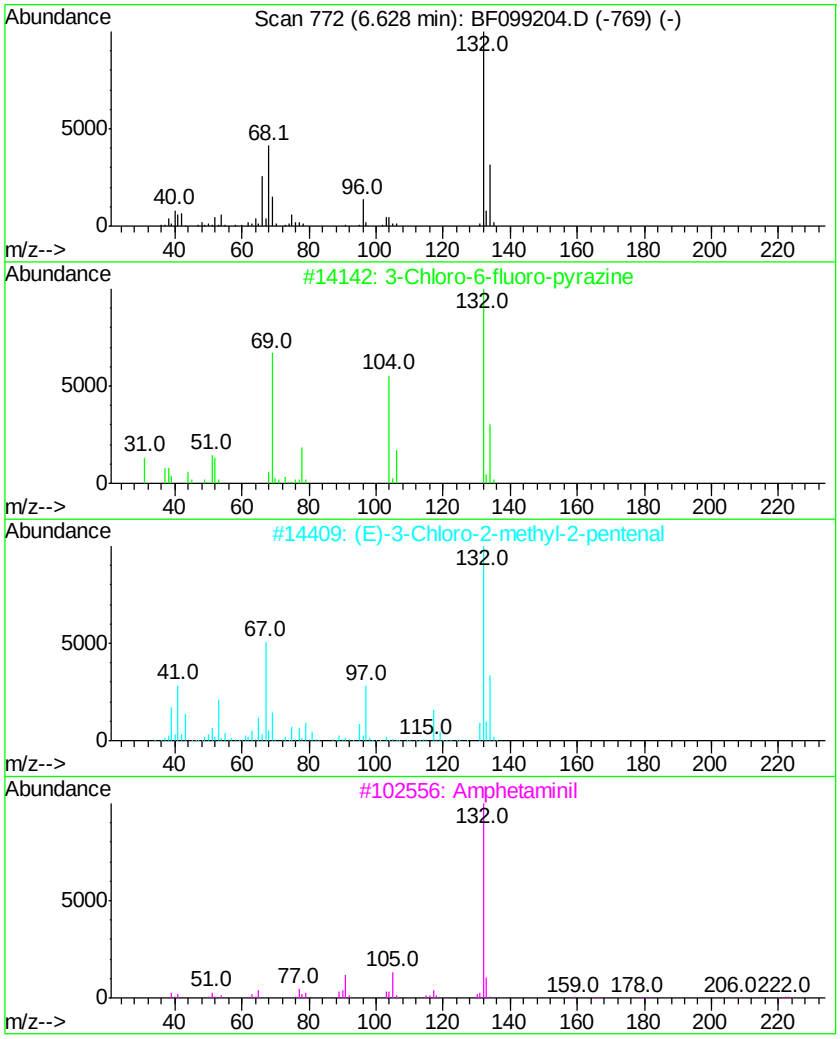
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

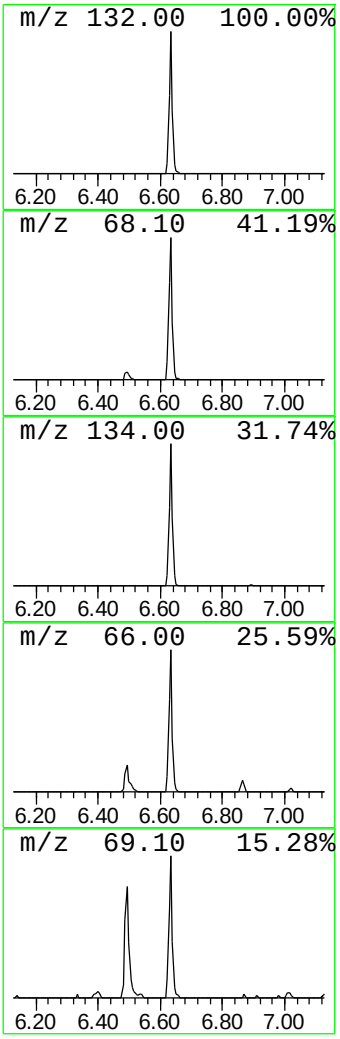
****

Peak Number 1 unknown6.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	8.64 ng	287587	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

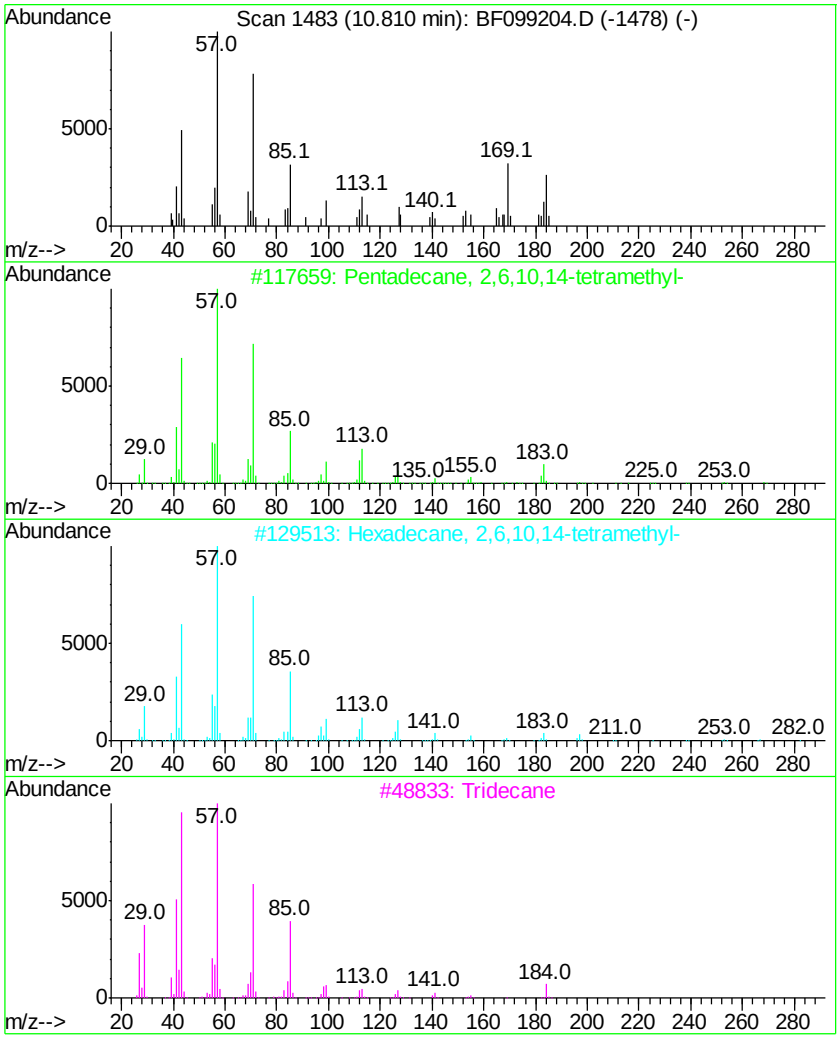
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

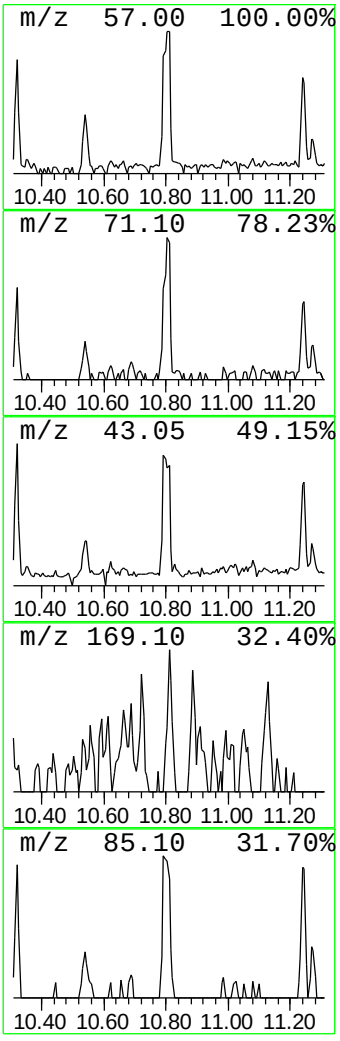
****

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.04 ng	75726	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
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Sample : I5587-05 10X
Misc :
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Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

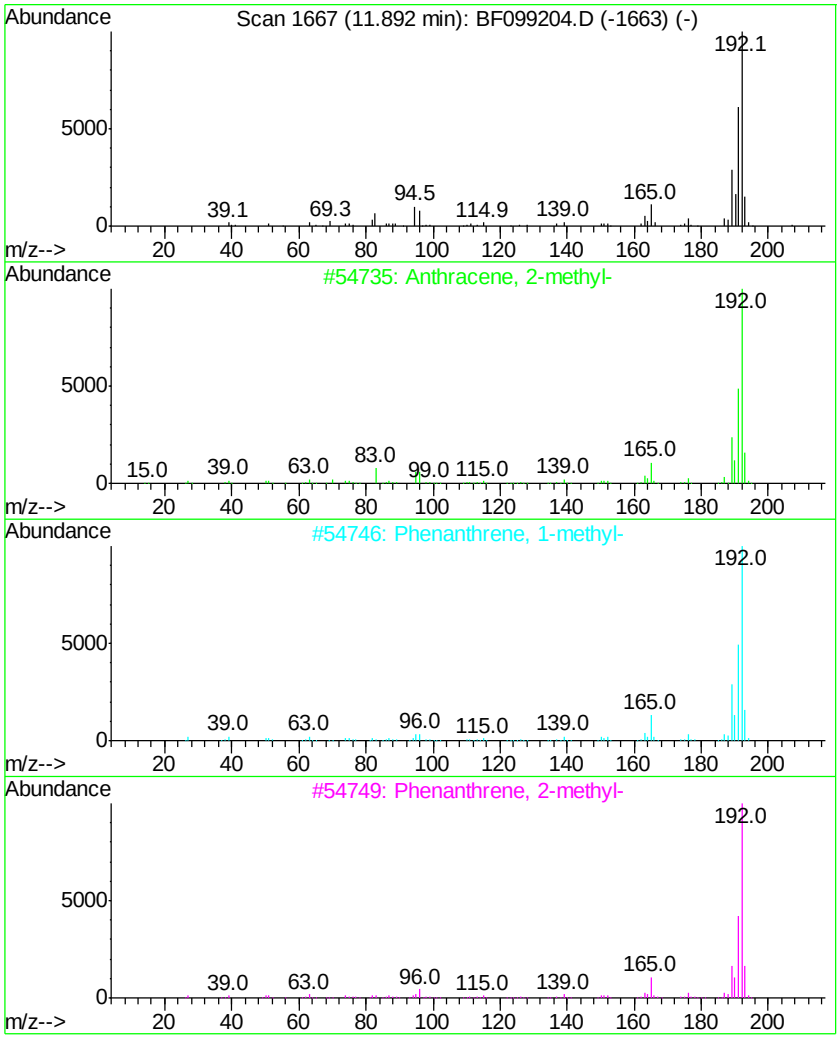
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

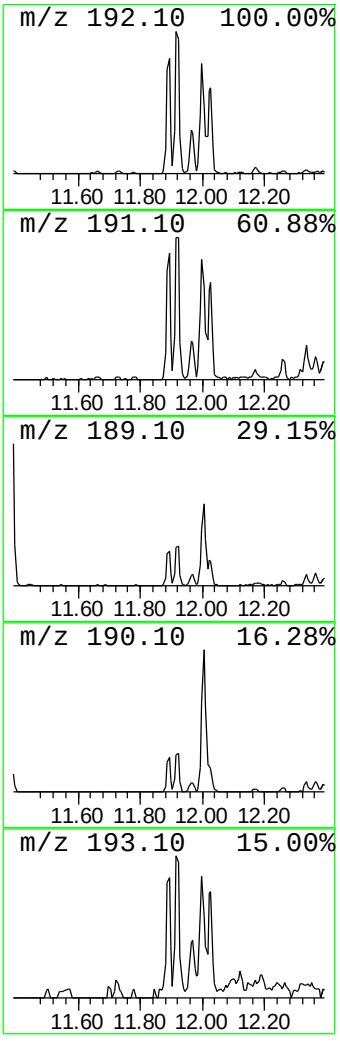
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.09 ng	114422	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

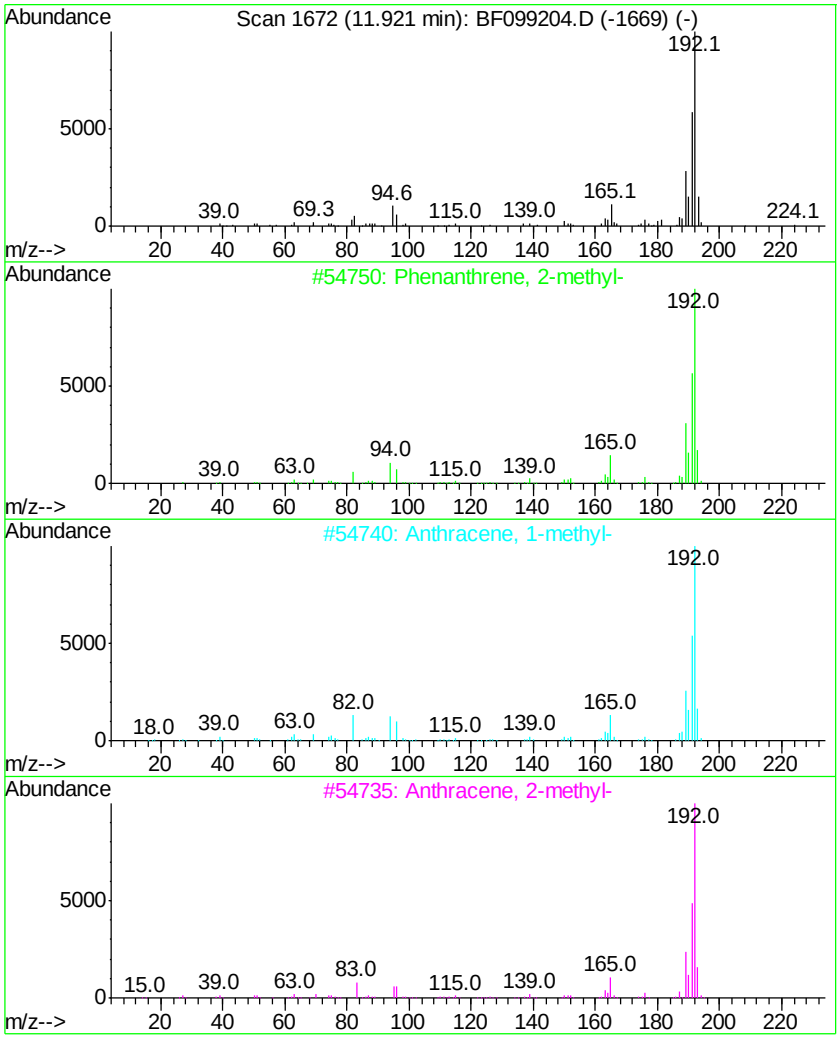
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

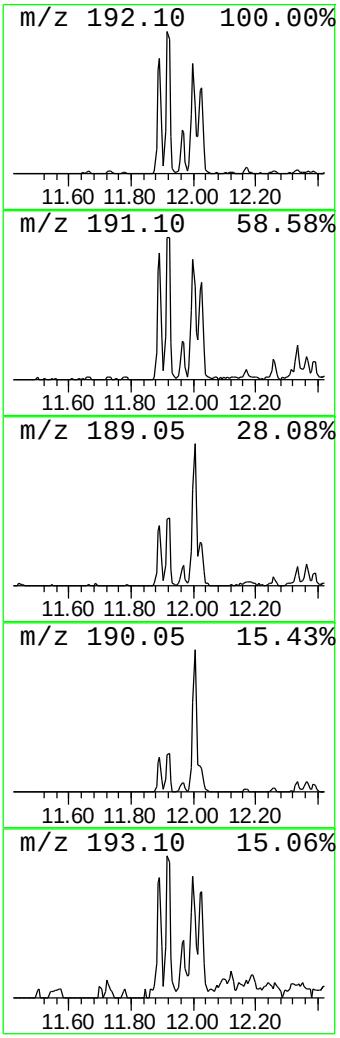
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.78 ng	140142	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

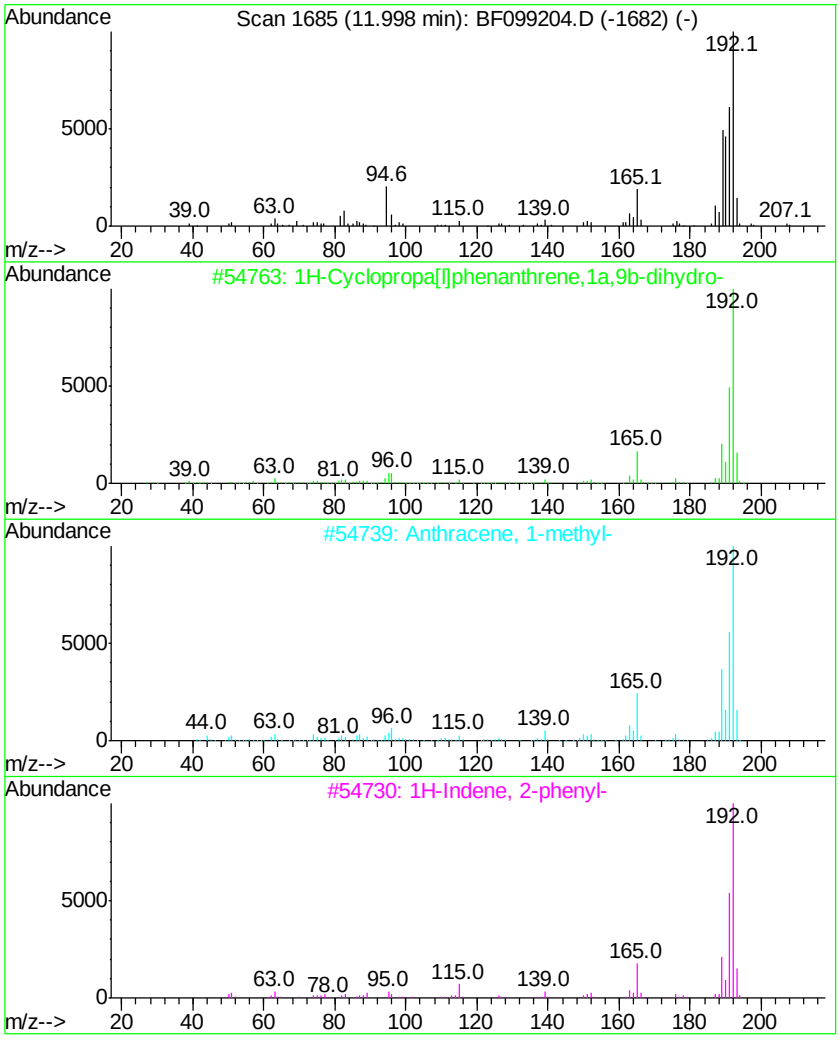
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

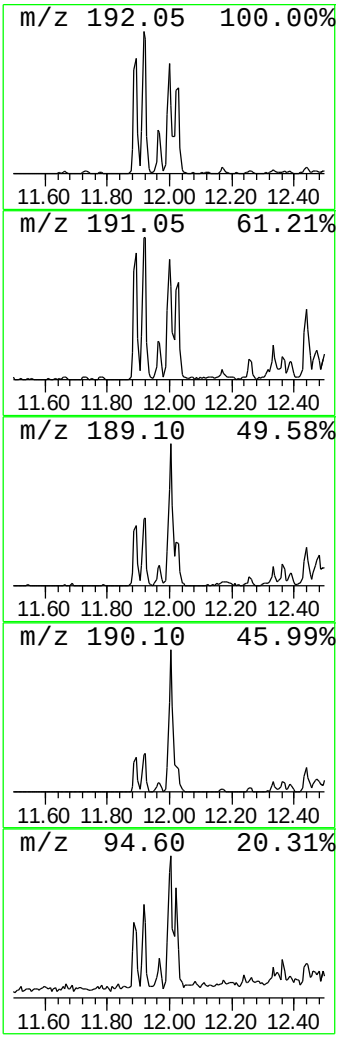
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.77 ng	176672	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

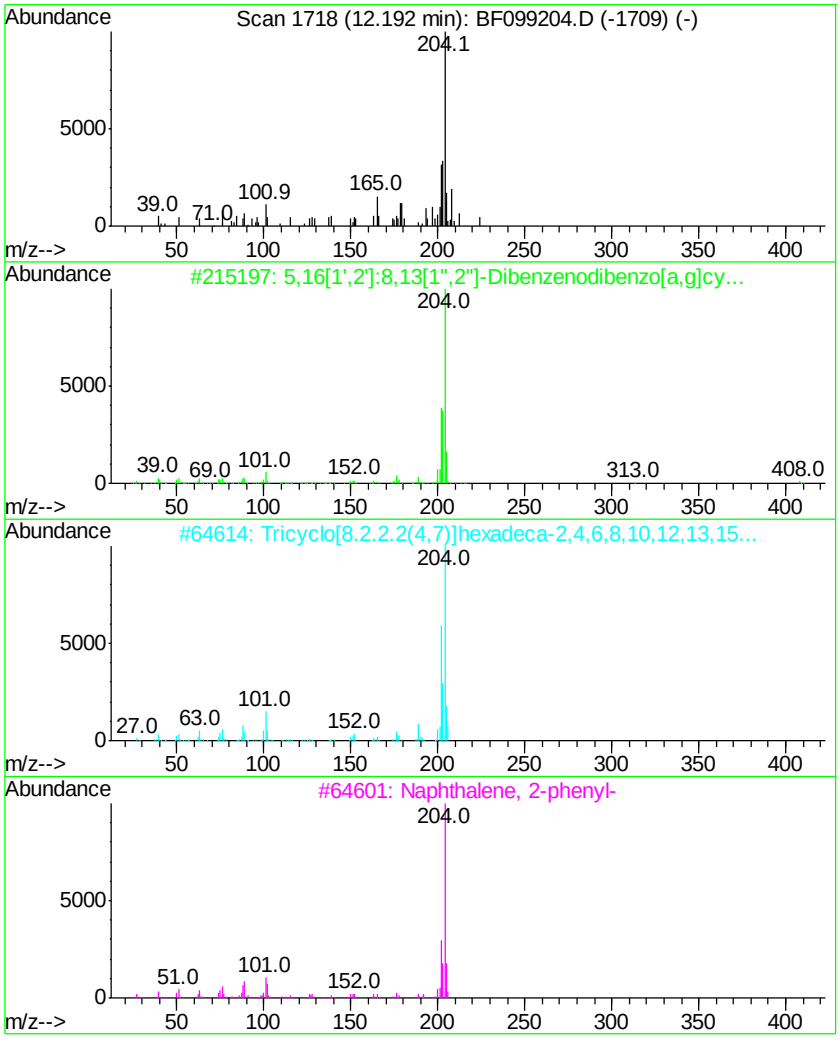
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

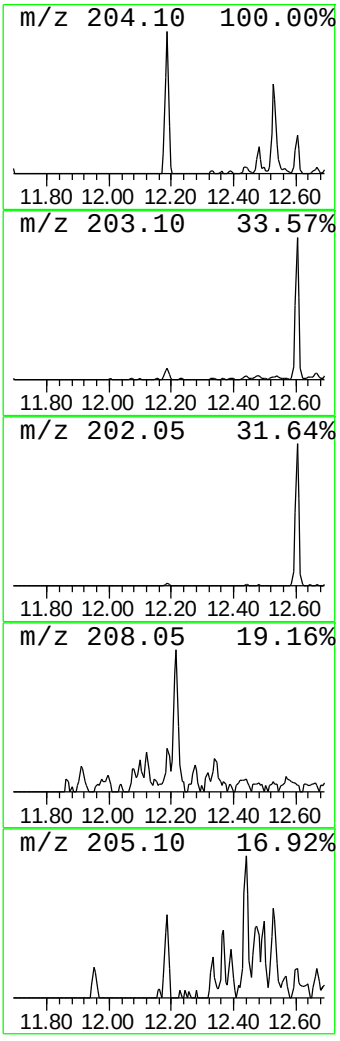
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.44 ng	90400	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

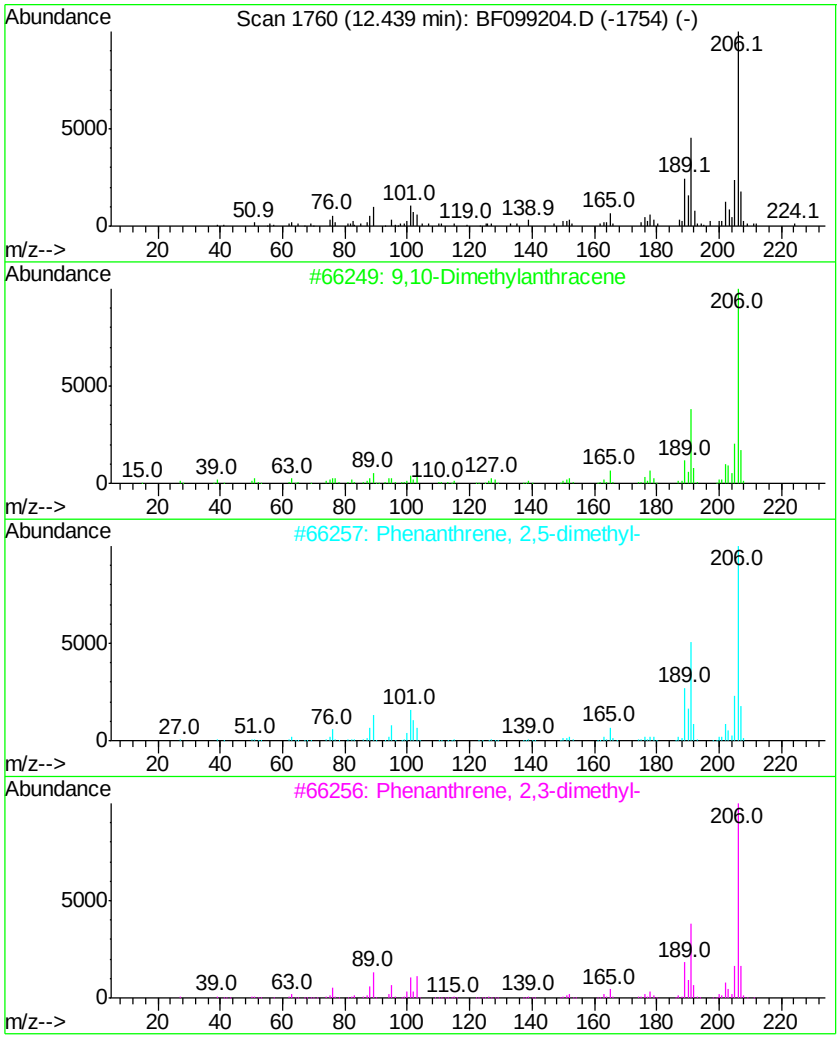
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

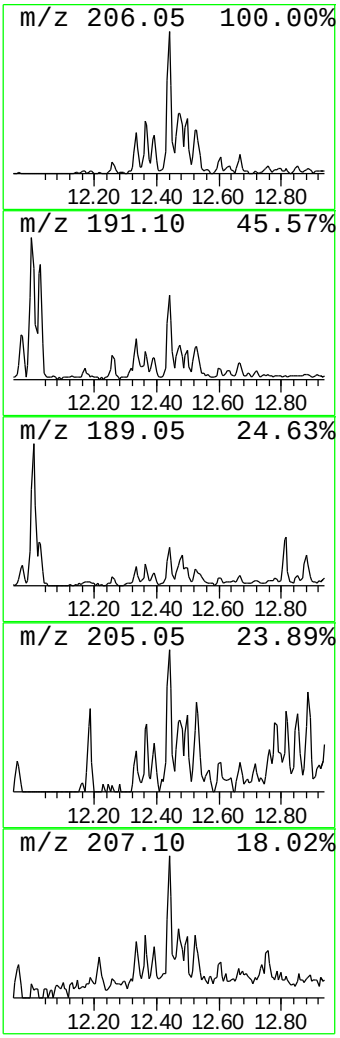
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.28 ng	121480	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	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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Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

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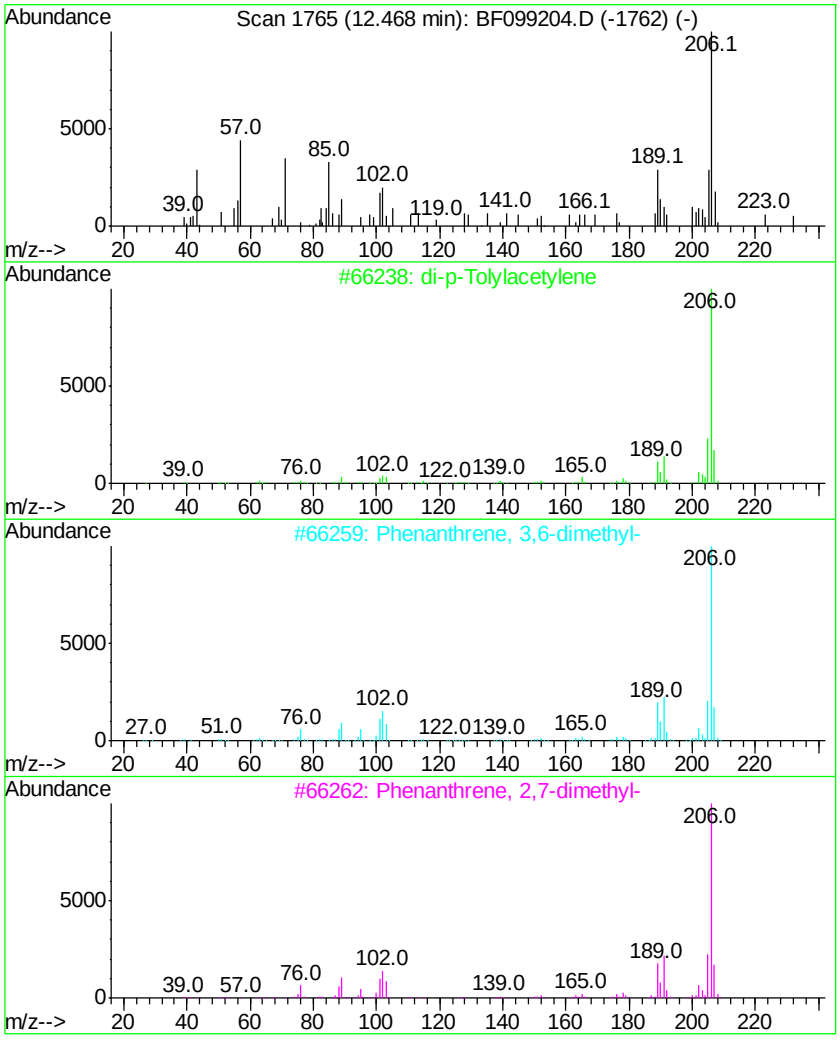
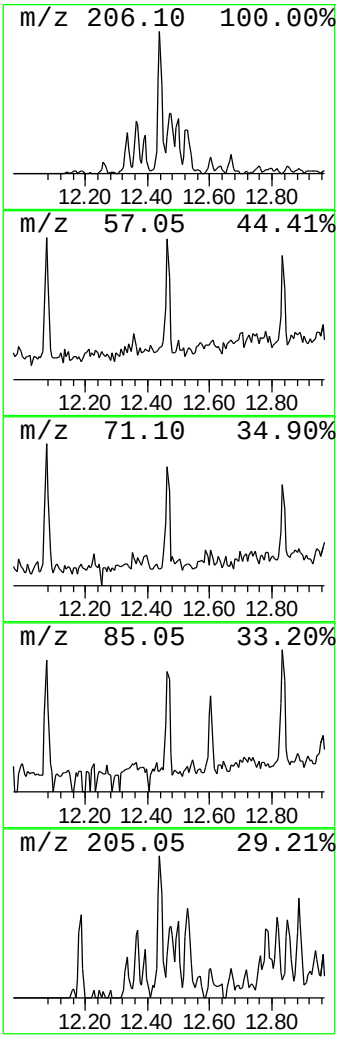
Peak Number 9 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.27 ng	84243	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	55





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Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

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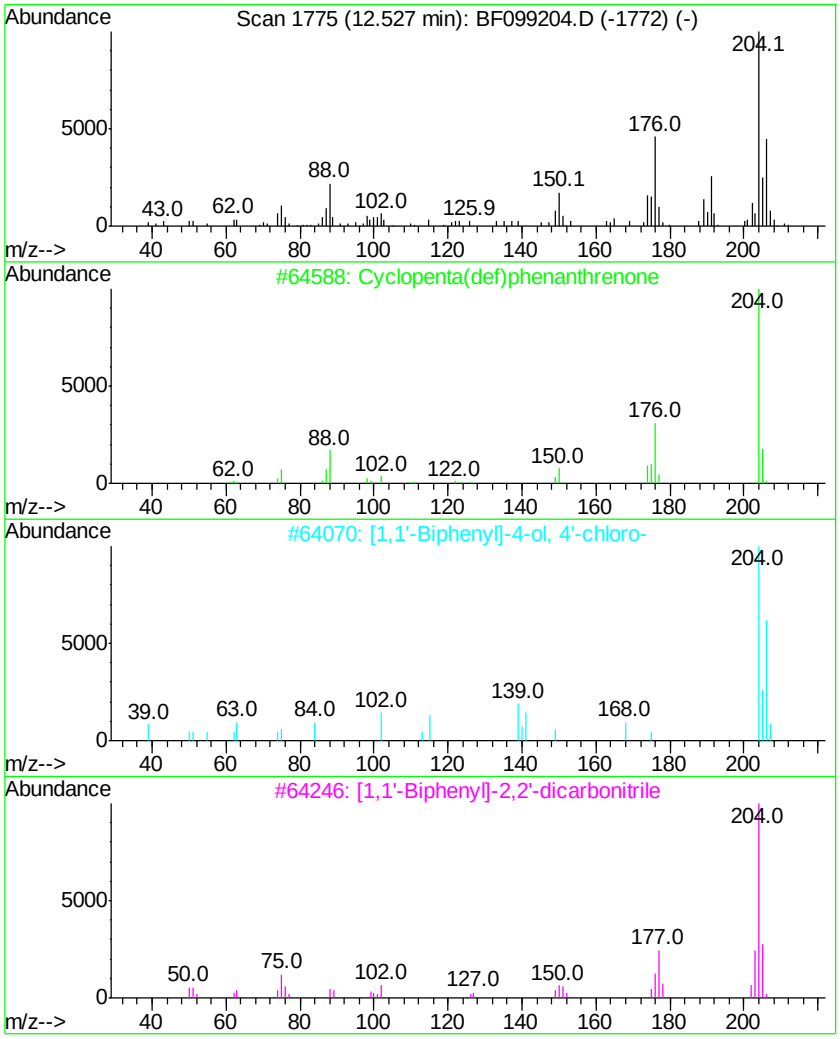
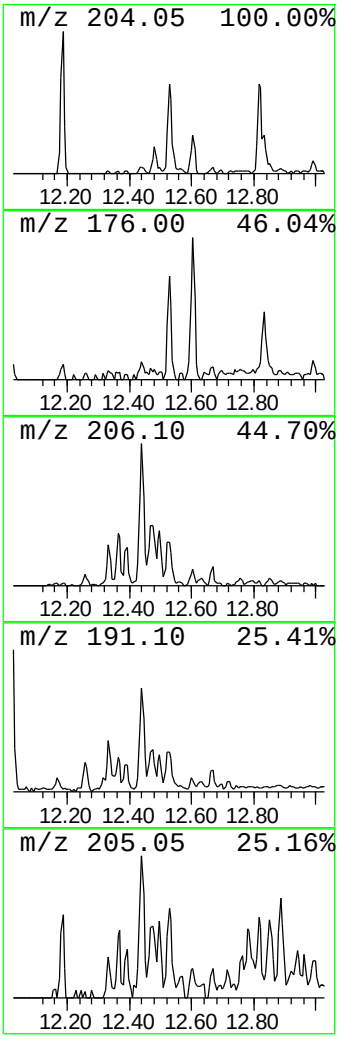
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.41 ng	89482	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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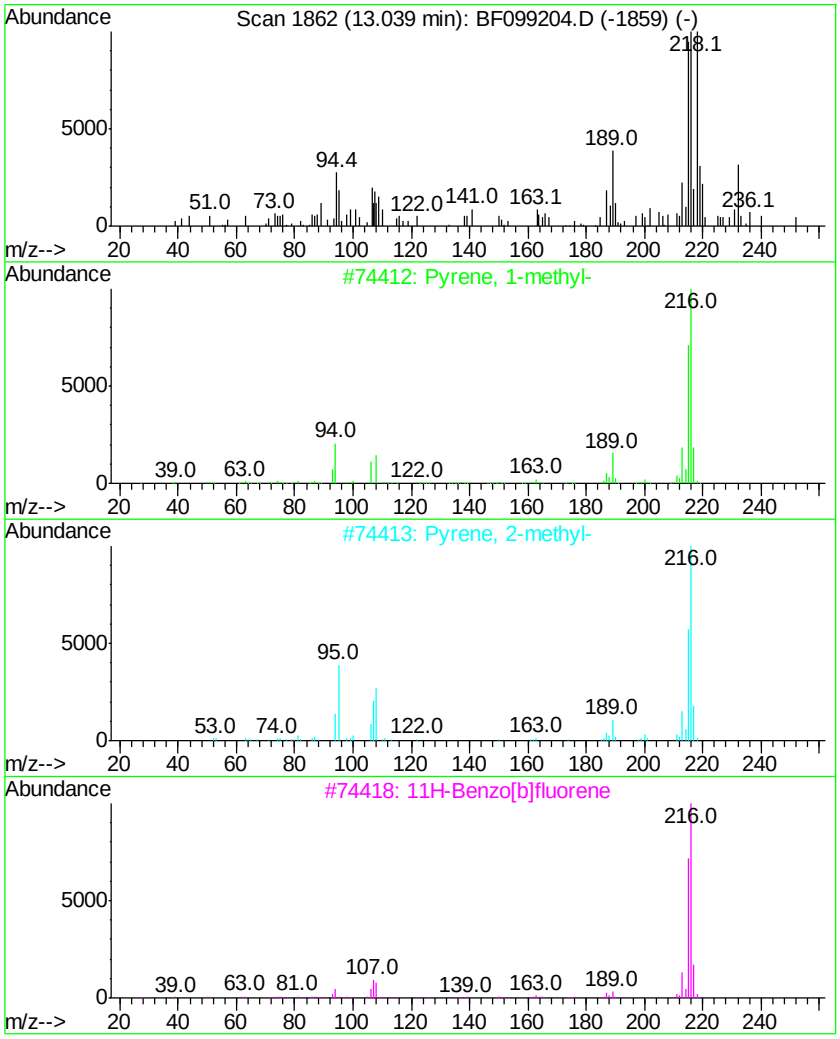
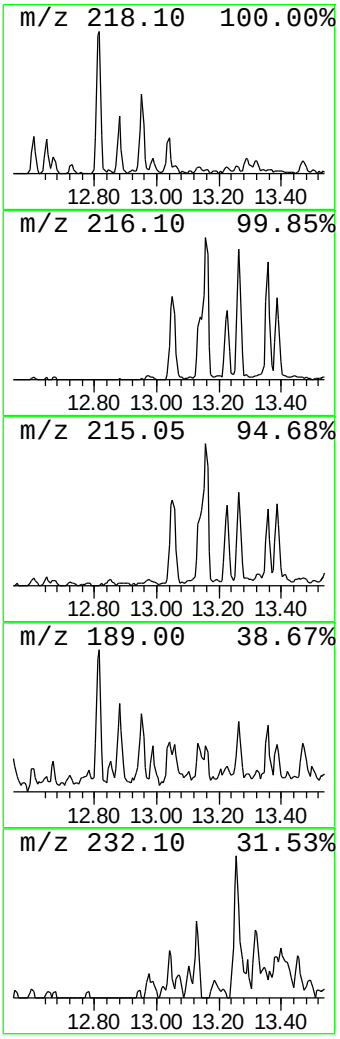
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.20 ng	119277	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

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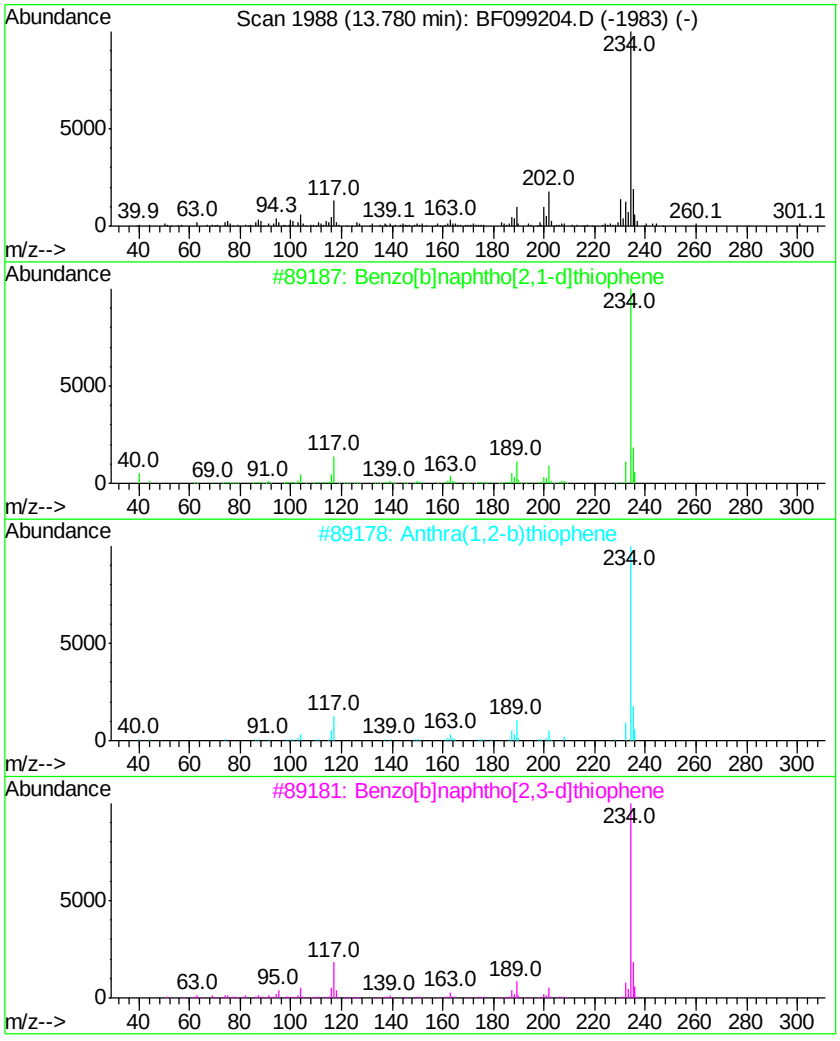
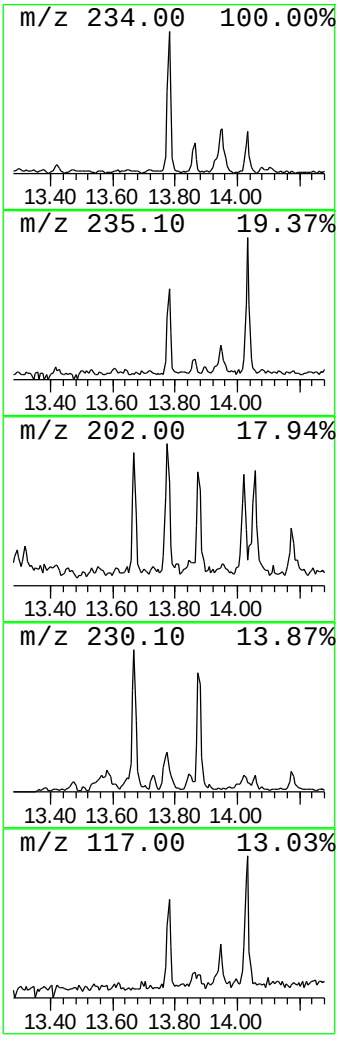
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.28 ng	123692	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76





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Sample : I5587-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G10-0-1.5

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

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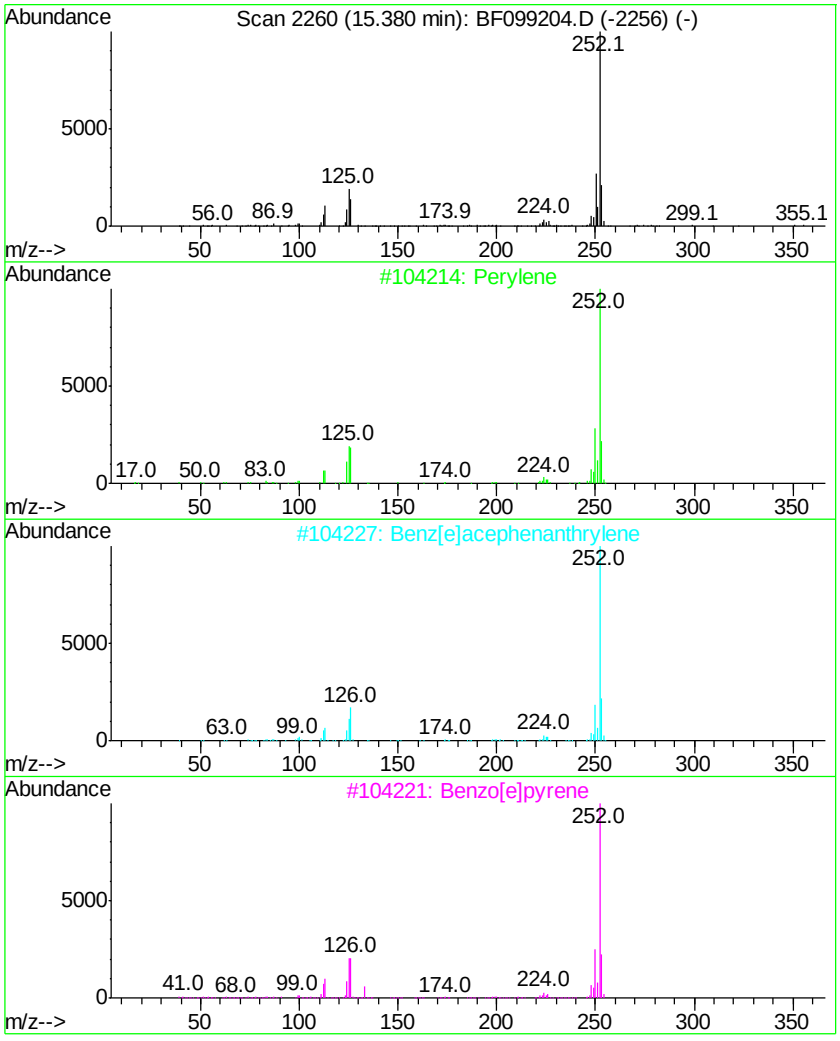
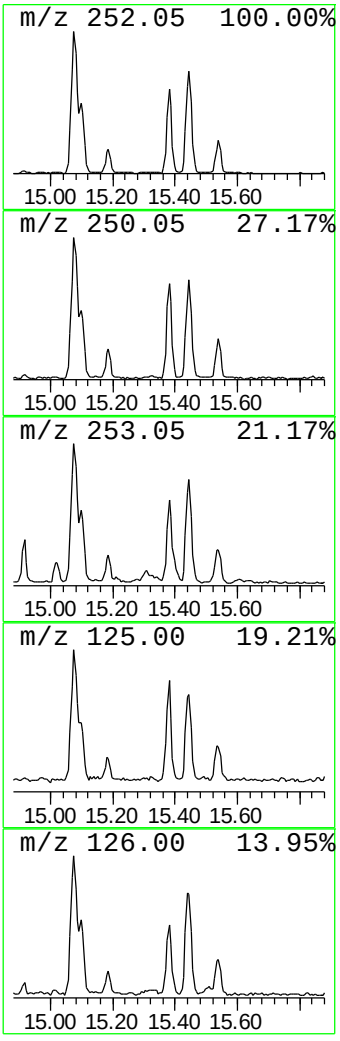
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	9.31 ng	241585	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

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Data File : BF099204.D
Acq On : 7 Oct 2017 19:53
Operator : SJ/JU
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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
unknown6.63	6.63	8.6	ng	287587	1	6.86	665539	20.0
Pentadecane, 2,6,...	10.81	2.0	ng	75726	4	11.39	741346	20.0
Anthracene, 2-met...	11.89	3.1	ng	114422	4	11.39	741346	20.0
Phenanthrene, 2-m...	11.92	3.8	ng	140142	4	11.39	741346	20.0
1H-Cyclopropa[l]p...	12.00	4.8	ng	176672	4	11.39	741346	20.0
5,16[1',2']:8,13[...	12.19	2.4	ng	90400	4	11.39	741346	20.0
9,10-Dimethylanth...	12.44	3.3	ng	121480	4	11.39	741346	20.0
di-p-Tolylacetylene	12.47	2.3	ng	84243	4	11.39	741346	20.0
Cyclopenta(def)ph...	12.53	2.4	ng	89482	4	11.39	741346	20.0
Pyrene, 1-methyl-	13.04	2.2	ng	119277	5	14.03	1085470	20.0
Benzo[b]naphtho[2...	13.78	2.3	ng	123692	5	14.03	1085470	20.0
Perylene	15.38	9.3	ng	241585	6	15.51	518752	20.0