LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096885.D
Acq On : 19 Jul 2017 22:20
Operator : SJ/JU
Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071817-D

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-BF071317.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	4.757	466	471	483	rVB	164075	250548	10.50%	0.656%
2	5.193	540	545	549	rBV	2103810	2239362	93.84%	5.864%
3	6.240	718	723	734	rBV	2064972	2386473	100.00%	6.249%
4	6.357	739	743	747	rBV	2218339	2232503	93.55%	5.846%
5	6.587	779	782	786	rBV	748737	611054	25.60%	1.600%
6	6.745	805	809	812	rBV	1951273	1692881	70.94%	4.433%
7	7.151	873	878	881	rBV	1439541	1426832	59.79%	3.736%
8	7.869	996	1000	1003	rBV	1027989	870242	36.47%	2.279%
9	8.581	1118	1121	1126	rBV	64633	59488	2.49%	0.156%
10	8.681	1135	1138	1142	rVB	95711	76289	3.20%	0.200%
11	8.951	1179	1184	1187	rBV	2579730	2370013	99.31%	6.206%
12	9.210	1223	1228	1231	rBV2	56459	73720	3.09%	0.193%
13	9.281	1237	1240	1243	rBV	108063	103928	4.35%	0.272%
14	9.310	1243	1245	1247	rVV	59325	50247	2.11%	0.132%
15	9.345	1247	1251	1254	rVV	349078	307332	12.88%	0.805%
16	9.398	1256	1260	1265	rVB	58701	69536	2.91%	0.182%
17	9.481	1270	1274	1278	rBV	264504	233872	9.80%	0.612%
18	9.622	1292	1298	1300	rBV	837144	833031	34.91%	2.181%
19	9.651	1300	1303	1307	rVB	128317	115988	4.86%	0.304%
20	9.822	1327	1332	1336	rVV2	91214	112057	4.70%	0.293%
21	9.863	1336	1339	1342	rVB	70890	60156	2.52%	0.158%
22	9.933	1347	1351	1354	rBV3	82496	114957	4.82%	0.301%
23	10.028	1362	1367	1369	rBV3	46389	71833	3.01%	0.188%
24	10.069	1372	1374	1378	rVV	115903	91258	3.82%	0.239%
25	10.133	1378	1385	1387	rVV4	57330	87264	3.66%	0.229%
26	10.163	1387	1390	1396	rVV	263729	262464	11.00%	0.687%
27	10.228	1396	1401	1403	rVV	65335	81895	3.43%	0.214%
28	10.275	1406	1409	1414	rVV4	52817	92731	3.89%	0.243%
29	10.322	1414	1417	1419	rVV	63198	65803	2.76%	0.172%
30	10.404	1423	1431	1436	rVV	1261145	1242241	52.05%	3.253%
31	10.539	1448	1454	1460	rVB3	98976	159136	6.67%	0.417%
32	10.710	1478	1483	1485	rBV	88566	124228	5.21%	0.325%
33	10.739	1485	1488	1491	rVV	84104	87099	3.65%	0.228%
34	10.792	1494	1497	1501	rVB2	82049	74688	3.13%	0.196%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071817-D

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.863	1507	1509	1514	rVB3	48156	46117	1.93%	0.121%
36	10.904	1514	1516	1521	rVB4	50265	54999	2.30%	0.144%
37	10.951	1521	1524	1527	rBV	45387	46364	1.94%	0.121%
38	10.986	1527	1530	1533	rVV2	135065	140364	5.88%	0.368%
39	11.098	1543	1549	1551	rBV	714099	804448	33.71%	2.107%
40	11.122	1551	1553	1556	rVB	1209445	894448	37.48%	2.342%
41	11.169	1556	1561	1564	rVB	432238	367235	15.39%	0.962%
42	11.210	1564	1568	1571	rBV2	94185	107033	4.48%	0.280%
43	11.327	1586	1588	1591	rVB2	85472	64945	2.72%	0.170%
44	11.392	1596	1599	1601	rVV2	63682	59597	2.50%	0.156%
45	11.427	1601	1605	1608	rVB2	124556	136532	5.72%	0.358%
46	11.510	1617	1619	1622	rVB	62864	54142	2.27%	0.142%
47	11.598	1630	1634	1636	rBV	327887	291831	12.23%	0.764%
48	11.627	1636	1639	1644	rVB	362735	330578	13.85%	0.866%
49	11.675	1644	1647	1649	rBV	162768	147010	6.16%	0.385%
50	11.704	1649	1652	1655	rVV	551580	614907	25.77%	1.610%
51	11.727	1655	1656	1662	rVB	267635	201947	8.46%	0.529%
52	11.827	1670	1673	1676	rVB3	69361	80393	3.37%	0.211%
53	11.869	1676	1680	1681	rBV4	38680	43455	1.82%	0.114%
54	11.892	1681	1684	1686	rVV	158483	142551	5.97%	0.373%
55	11.916	1686	1688	1692	rVB2	95477	97576	4.09%	0.256%
56	12.022	1704	1706	1707	rBV	59584	49184	2.06%	0.129%
57	12.039	1707	1709	1712	rVV	83867	79502	3.33%	0.208%
58	12.074	1712	1715	1717	rVV	105191	105048	4.40%	0.275%
59	12.098	1717	1719	1721	rVB2	81540	67026	2.81%	0.176%
60	12.145	1723	1727	1730	rBV	294933	329024	13.79%	0.862%
61	12.180	1730	1733	1735	rVV	197507	215206	9.02%	0.564%
62	12.204	1735	1737	1739	rVB	119206	80923	3.39%	0.212%
63	12.233	1739	1742	1746	rBV3	156121	226869	9.51%	0.594%
64	12.310	1750	1755	1758	rBV	1444832	1419958	59.50%	3.718%
65	12.357	1760	1763	1767	rBV2	77810	129202	5.41%	0.338%
66	12.398	1767	1770	1773	rVB2	80769	74802	3.13%	0.196%
67	12.451	1775	1779	1781	rBV2	79846	95465	4.00%	0.250%
68	12.533	1788	1793	1796	rBV	1683945	1817175	76.14%	4.758%
69	12.557	1796	1797	1799	rVV	105730	64221	2.69%	0.168%
70	12.580	1799	1801	1802	rVV	60405	48607	2.04%	0.127%
71	12.598	1802	1804	1807	rVB	105581	92160	3.86%	0.241%

LSC Area Percent Report

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Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071817-D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.651	1810	1813	1815	rVV	106125	101478	4.25%	0.266%
73	12.680	1815	1818	1825	rVB	1545674	1631201	68.35%	4.271%
74	12.751	1826	1830	1833	rBV2	199798	266537	11.17%	0.698%
75	12.780	1833	1835	1837	rVB2	56508	42201	1.77%	0.111%
76	12.810	1837	1840	1842	rBV3	56814	63252	2.65%	0.166%
77	12.839	1842	1845	1846	rVV2	177180	188323	7.89%	0.493%
78	12.863	1846	1849	1852	rVB	370467	377769	15.83%	0.989%
79	12.927	1857	1860	1863	rVB	296053	261006	10.94%	0.683%
80	12.963	1863	1866	1869	rBV2	376051	345500	14.48%	0.905%
81	13.057	1878	1882	1884	rVB	247564	233987	9.80%	0.613%
82	13.086	1884	1887	1891	rBV	270126	245613	10.29%	0.643%
83	13.345	1928	1931	1933	rBV3	91702	119163	4.99%	0.312%
84	13.427	1943	1945	1948	rVB	74158	66527	2.79%	0.174%
85	13.474	1949	1953	1955	rBV2	173582	242220	10.15%	0.634%
86	13.504	1956	1958	1960	rVB	109740	79127	3.32%	0.207%
87	13.527	1960	1962	1963	rBV	96532	71360	2.99%	0.187%
88	13.574	1968	1970	1971	rBV	114068	91975	3.85%	0.241%
89	13.721	1991	1995	1998	rBV2	959797	1400441	58.68%	3.667%
90	13.751	1998	2000	2003	rVB	710375	587667	24.62%	1.539%
91	14.116	2059	2062	2065	rVB	219732	221599	9.29%	0.580%
92	14.145	2065	2067	2071	rVB	150477	139416	5.84%	0.365%
93	14.239	2080	2083	2084	rBV	119410	115436	4.84%	0.302%
94	14.727	2162	2166	2169	rBV	545555	817253	34.25%	2.140%
95	14.821	2179	2182	2185	rVB	191532	182310	7.64%	0.477%
96	14.992	2207	2211	2216	rVB	339047	400831	16.80%	1.050%
97	15.045	2217	2220	2226	rVB	459122	545553	22.86%	1.429%
98	15.104	2226	2230	2232	rBV	296462	341259	14.30%	0.894%
99	16.386	2444	2448	2453	rVB2	217346	326423	13.68%	0.855%
100	16.768	2509	2513	2520	rVB	177710	330609	13.85%	0.866%

Sum of corrected areas: 38188029

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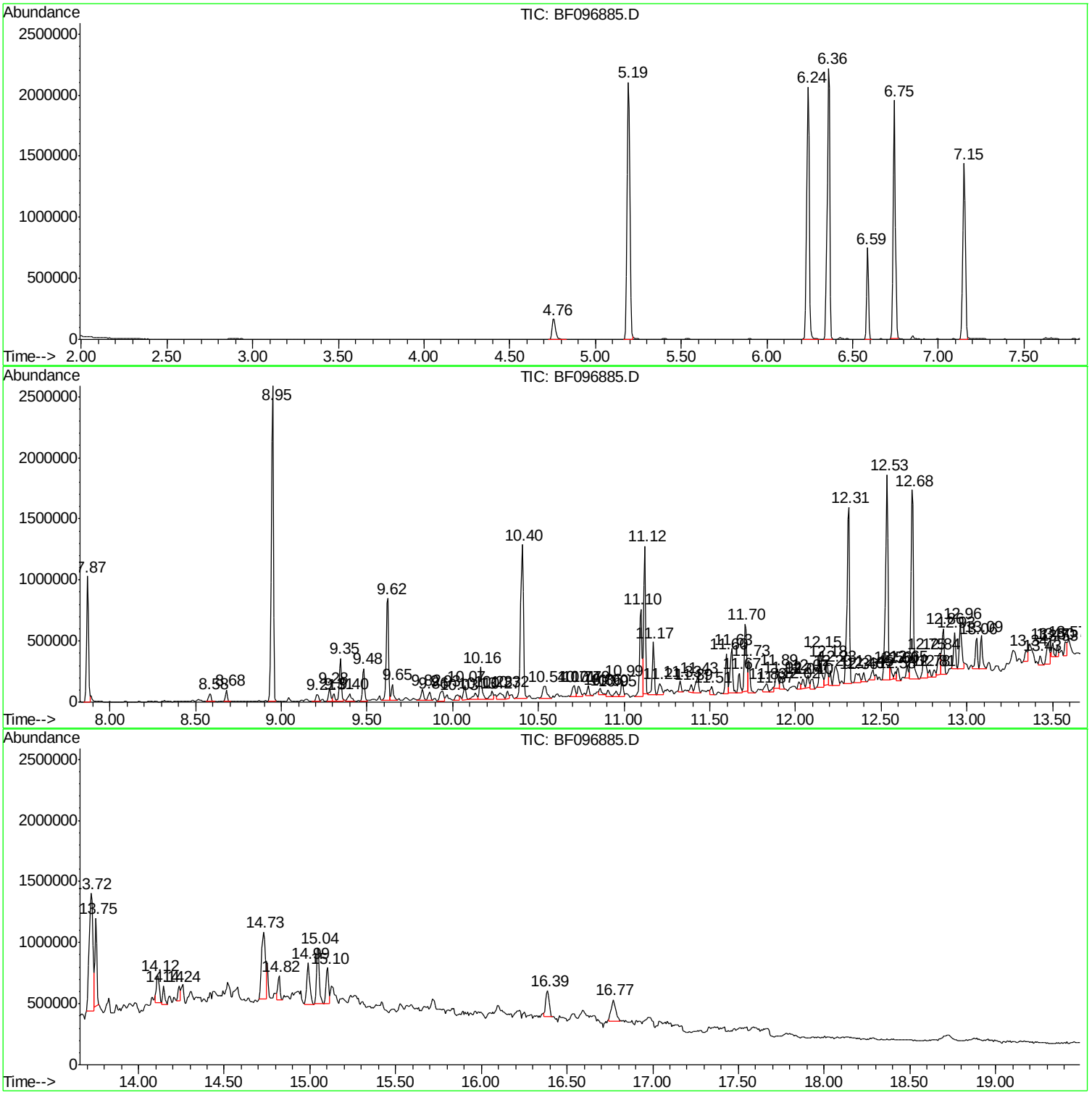
Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071817-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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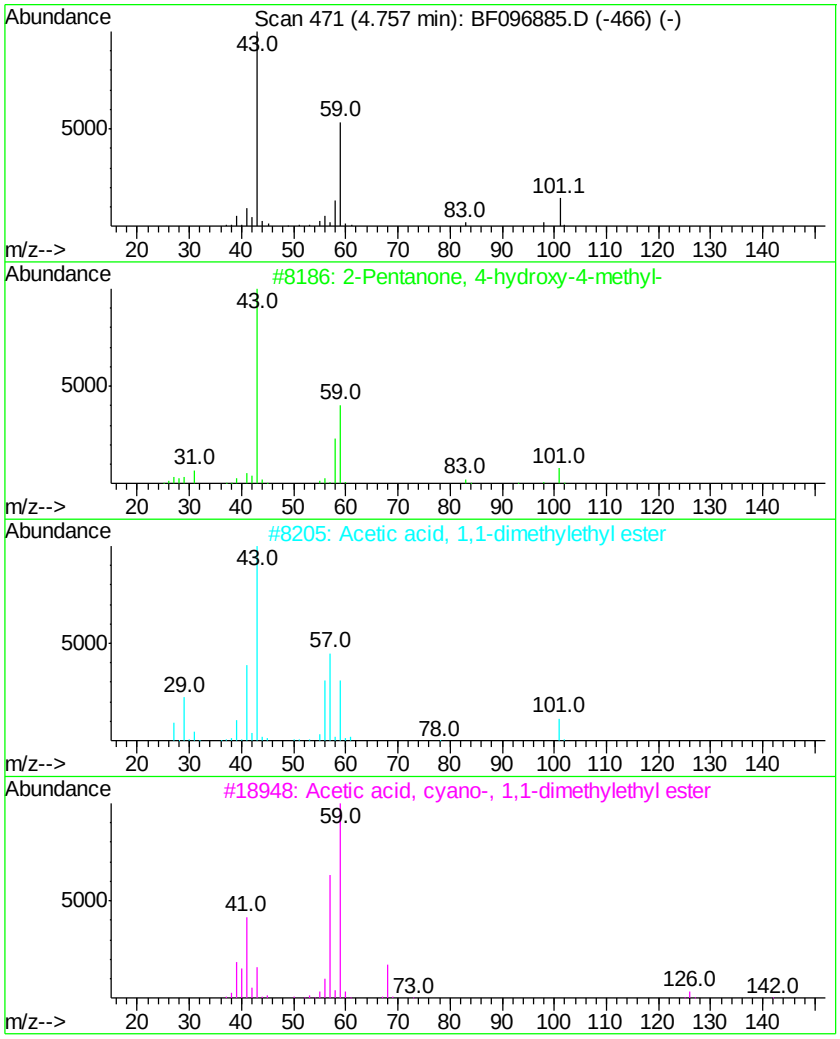
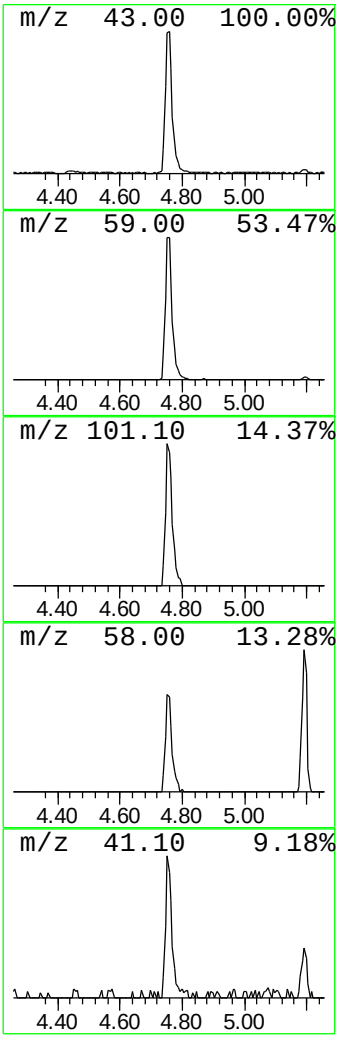
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	8.20 ng	250548	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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Instrument : BNA_F
ClientSampleId : CL-01-071817-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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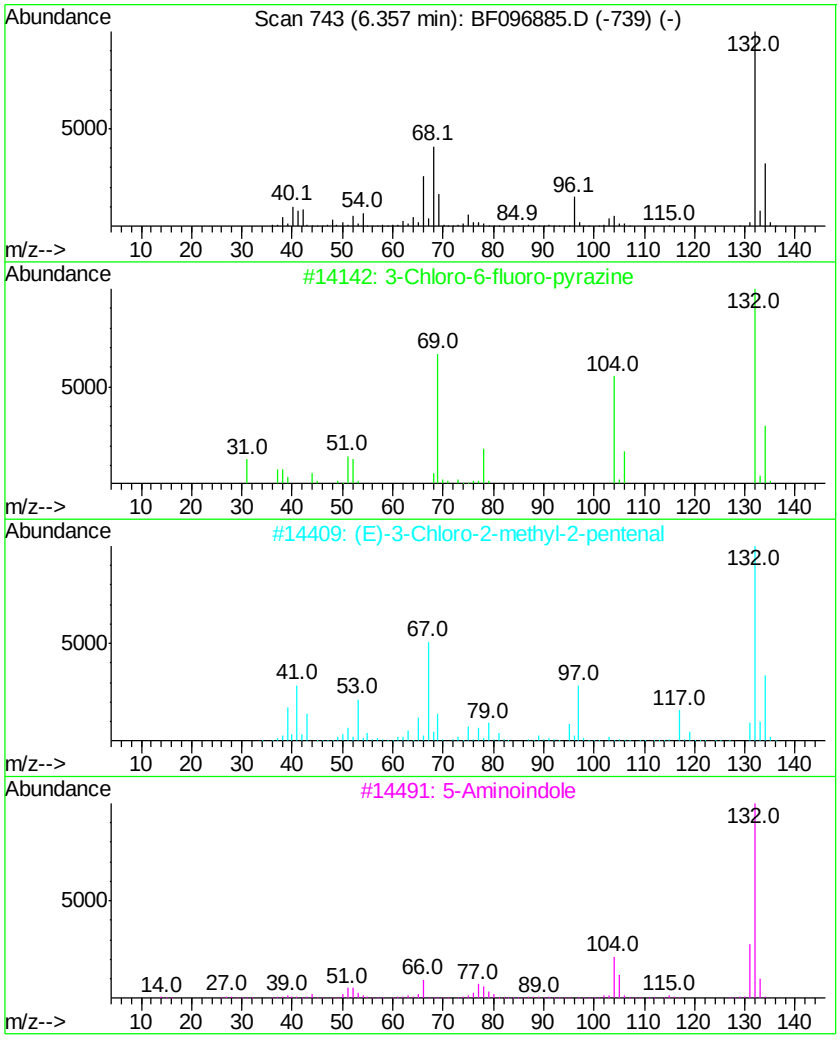
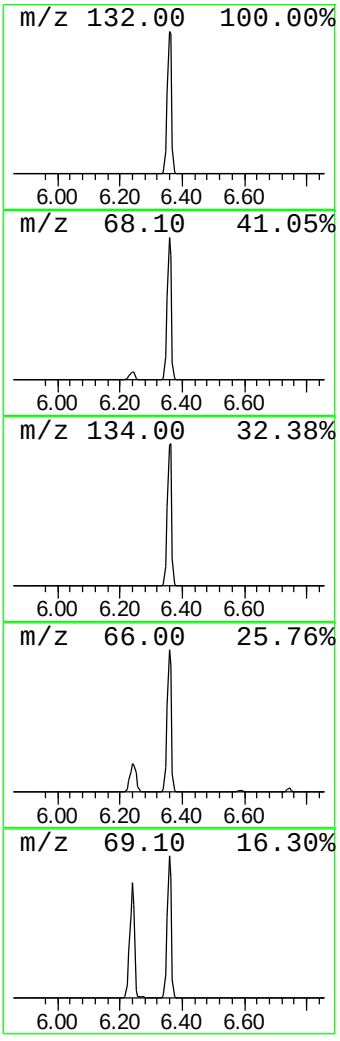
****

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	73.07 ng	2232500	1,4-Dichlorobenzene-d4	6.59

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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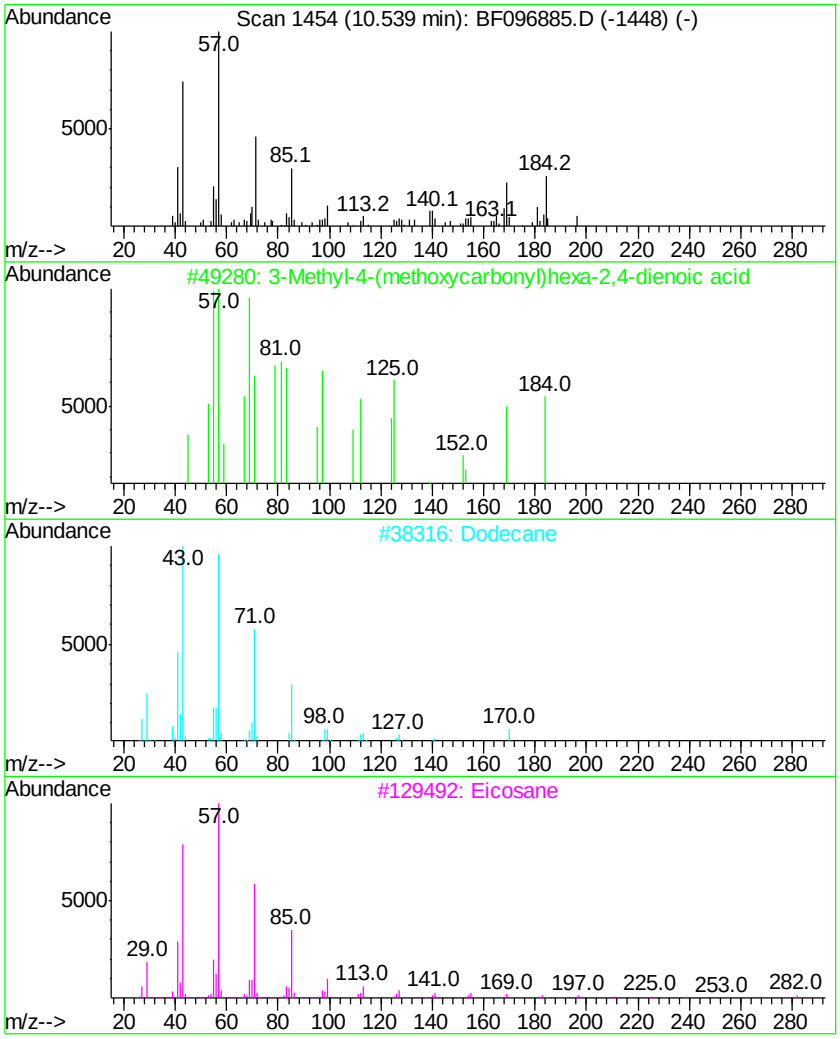
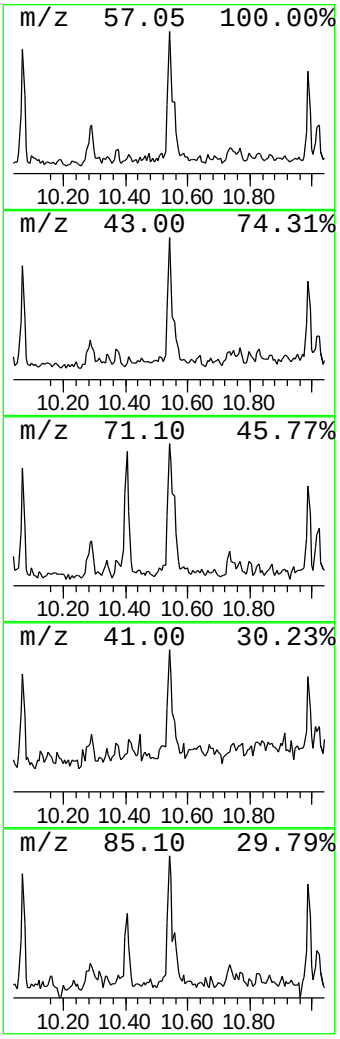
****

Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.96 ng	159136	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	86
2	Dodecane	170	C12H26	000112-40-3	50
3	Eicosane	282	C20H42	000112-95-8	46
4	Hexadecane	226	C16H34	000544-76-3	46
5	Pentadecane	212	C15H32	000629-62-9	46





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071817-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

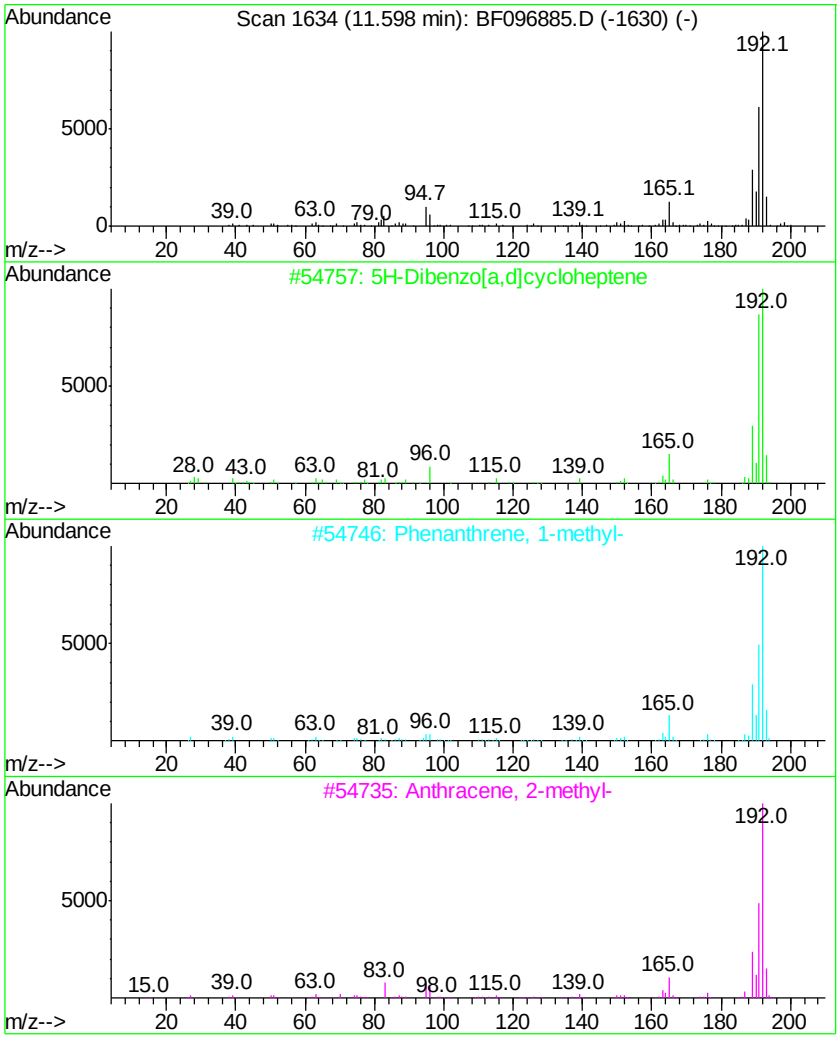
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

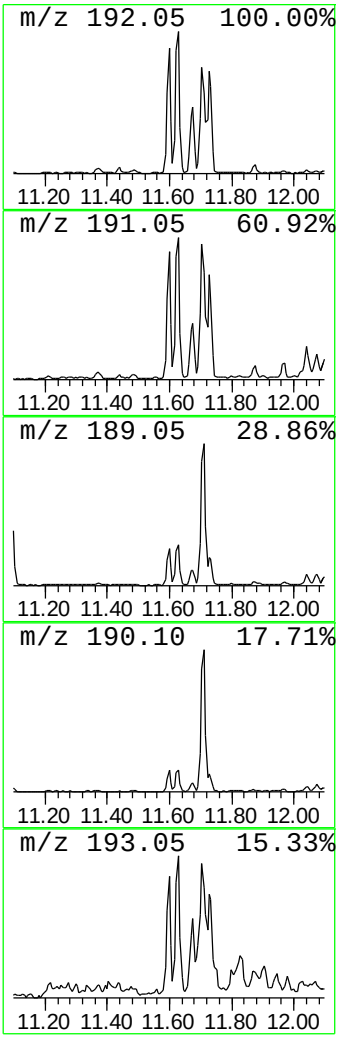
****

Peak Number 5 5H-Dibenzo[a,d]cycloheptene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	7.26 ng	291831	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : SJ/JU
Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071817-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

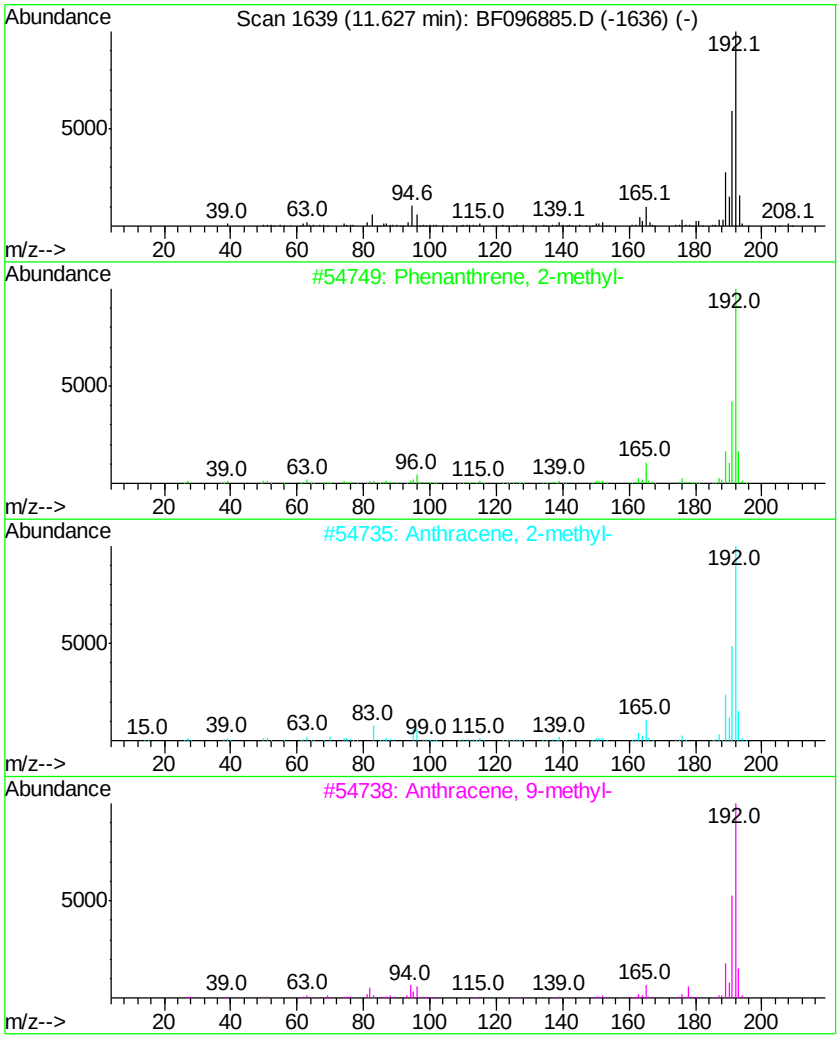
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

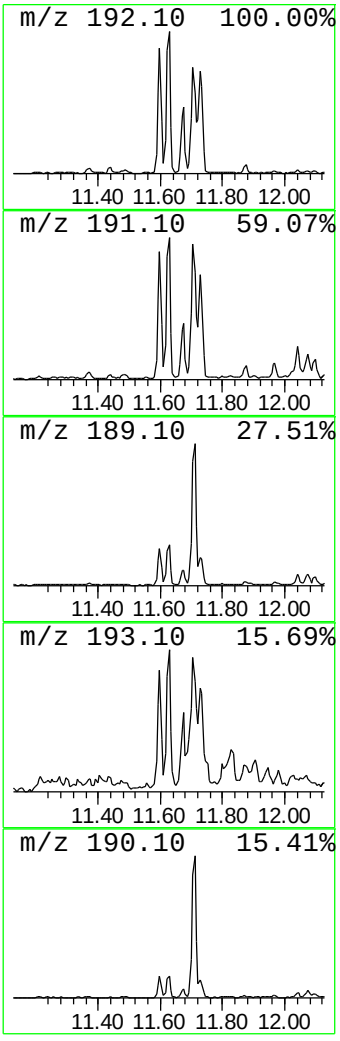
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	8.22 ng	330578	Phenanthrene-d10	11.10

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Operator : SJ/JU
Sample : I4280-10
Misc :
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ClientSampleId : CL-01-071817-D

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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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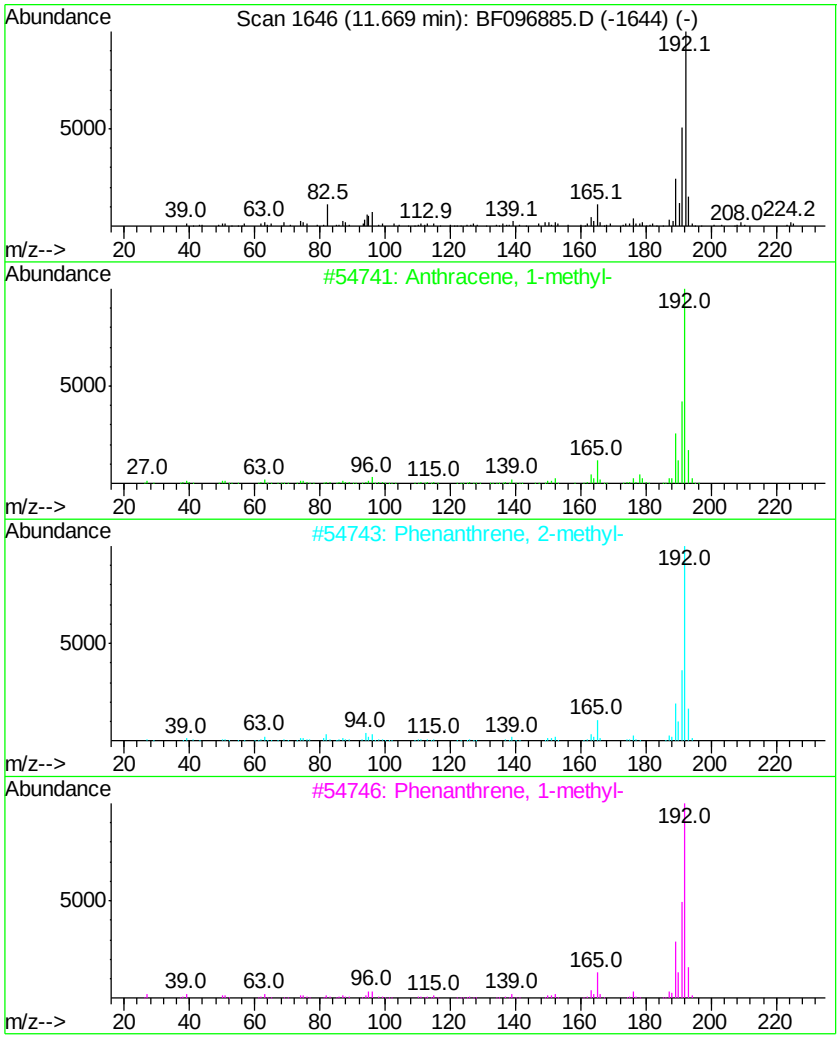
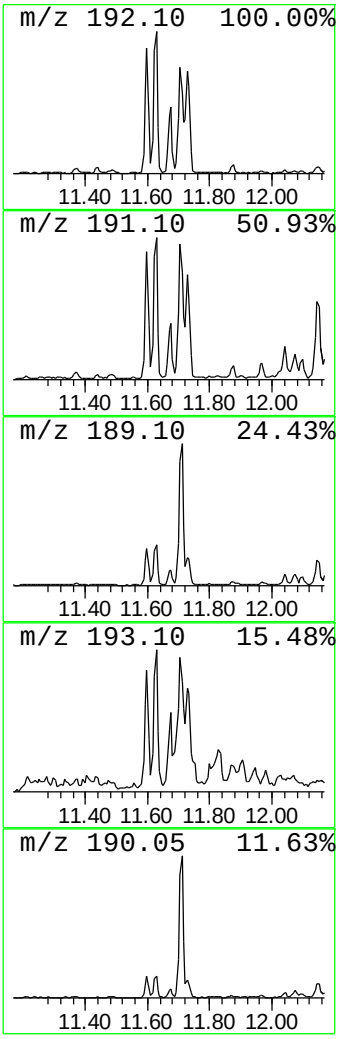
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	3.65 ng	147010	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Instrument : BNA_F
ClientSampleId : CL-01-071817-D

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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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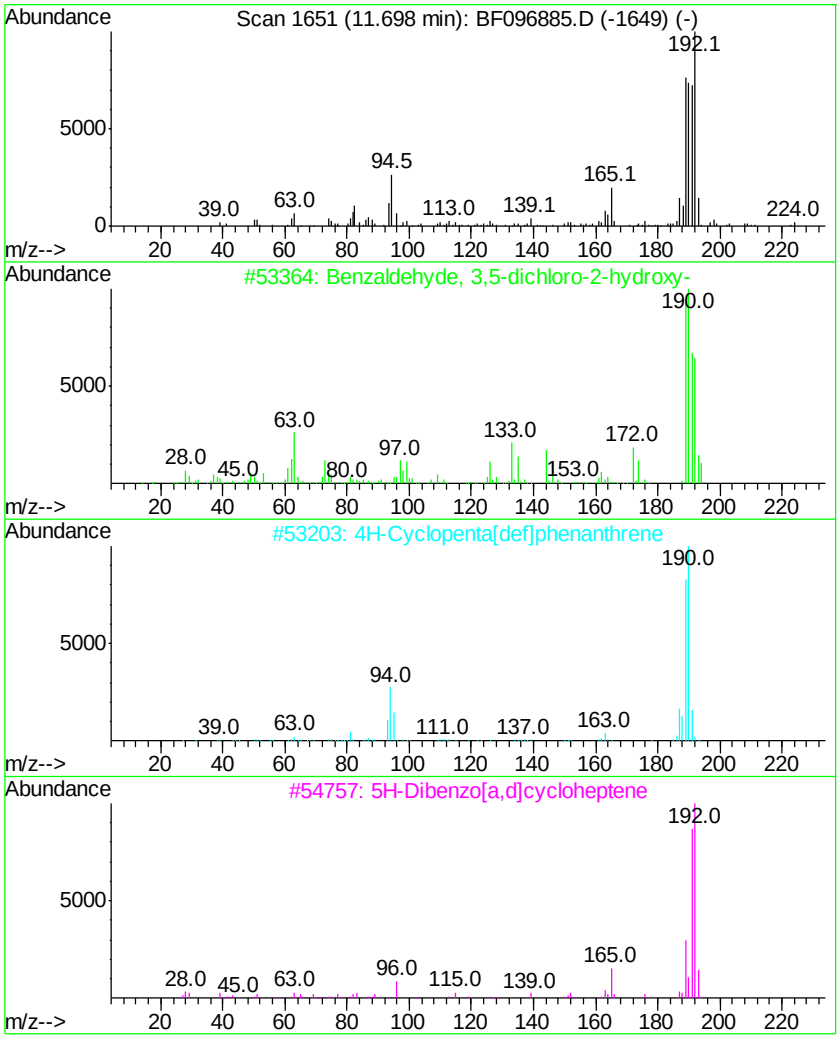
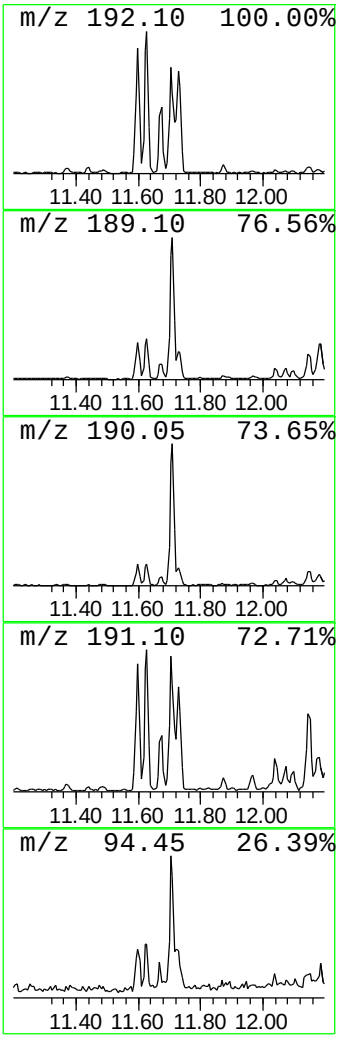
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	15.29 ng	614907	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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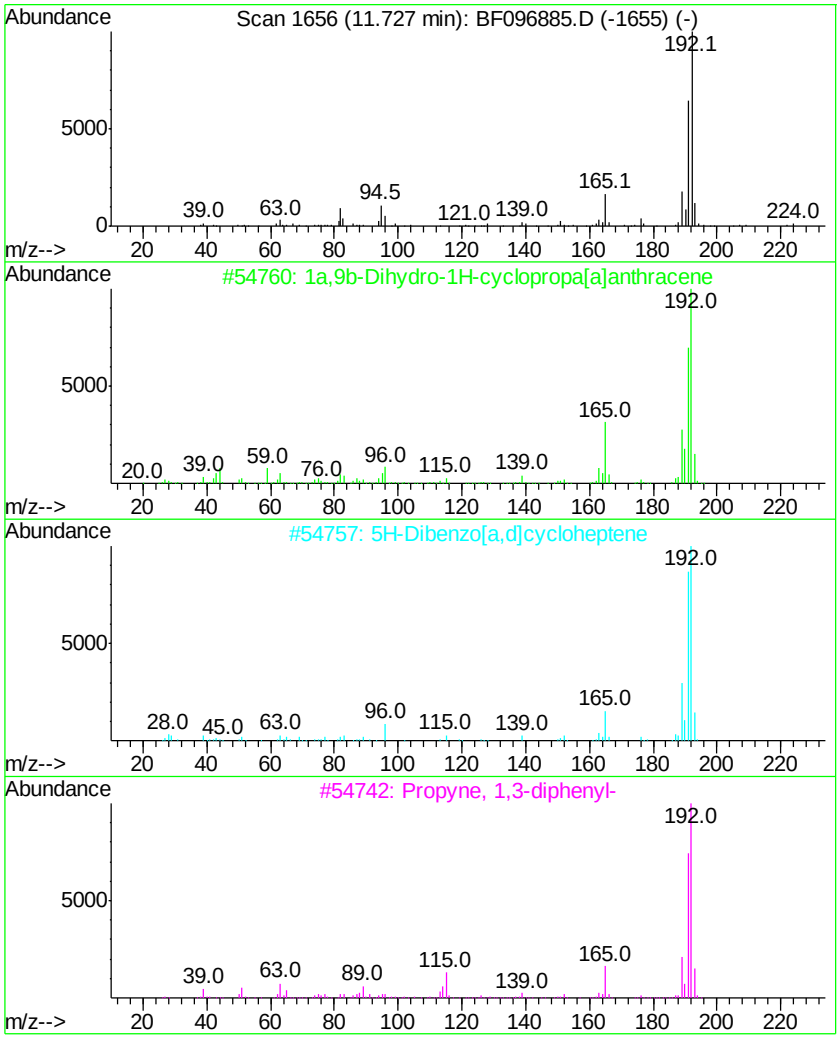
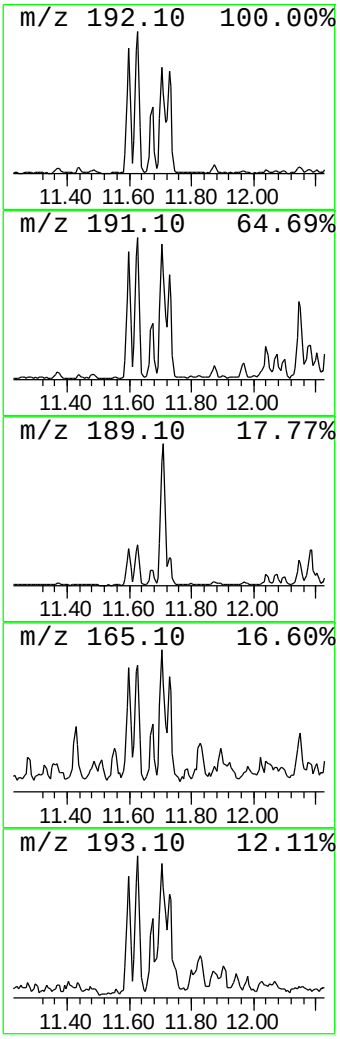
Peak Number 9 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.02 ng	201947	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	87
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





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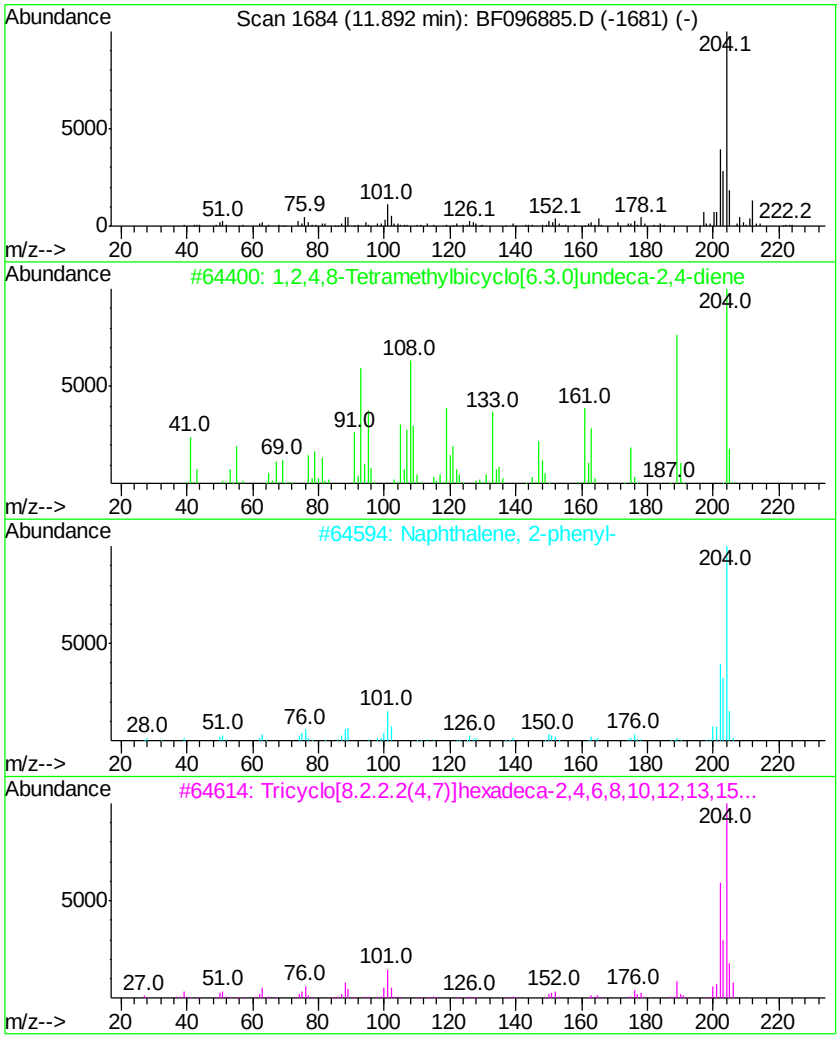
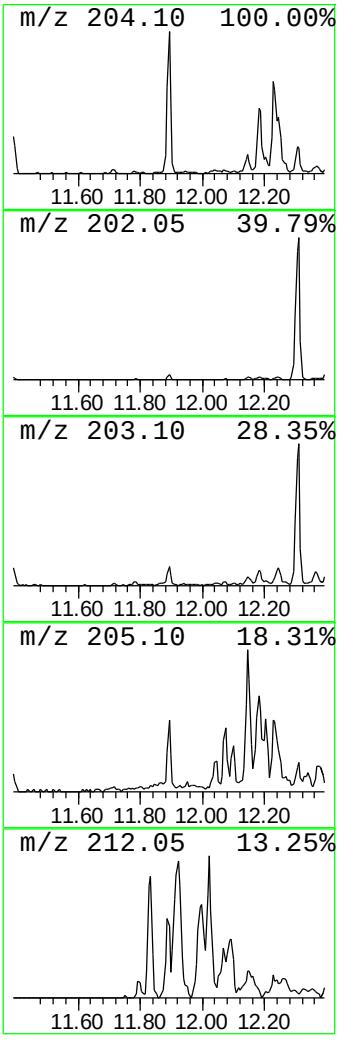
Peak Number 10 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.54 ng	142551	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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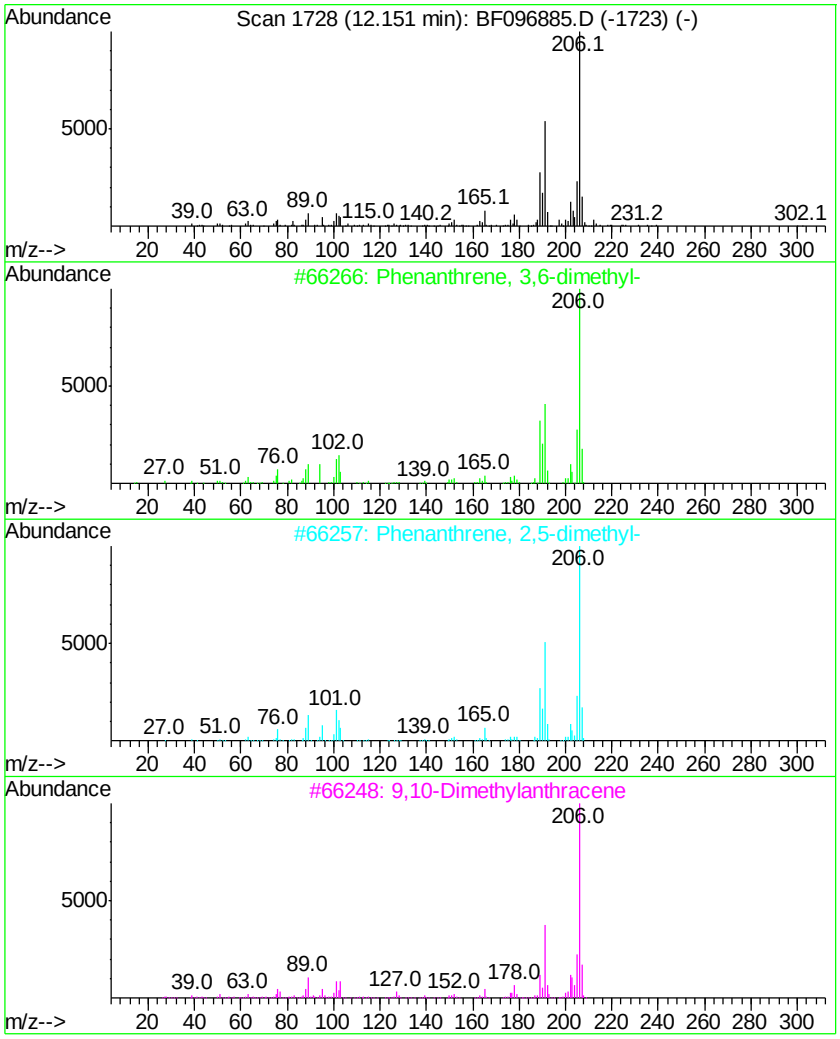
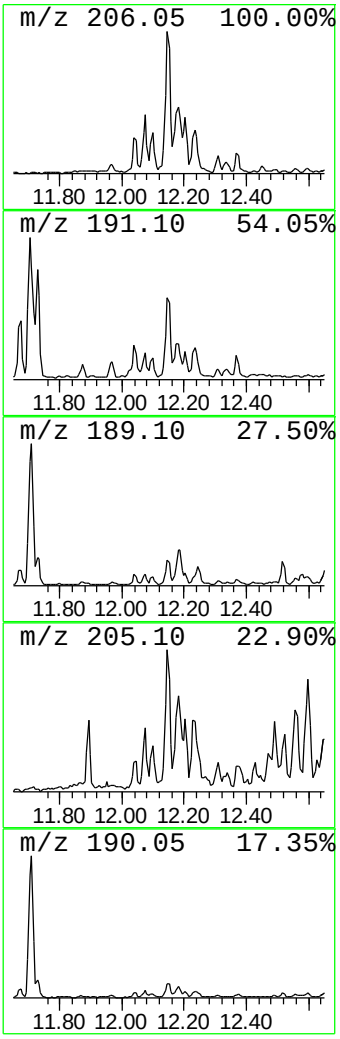
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	8.18 ng	329024	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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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
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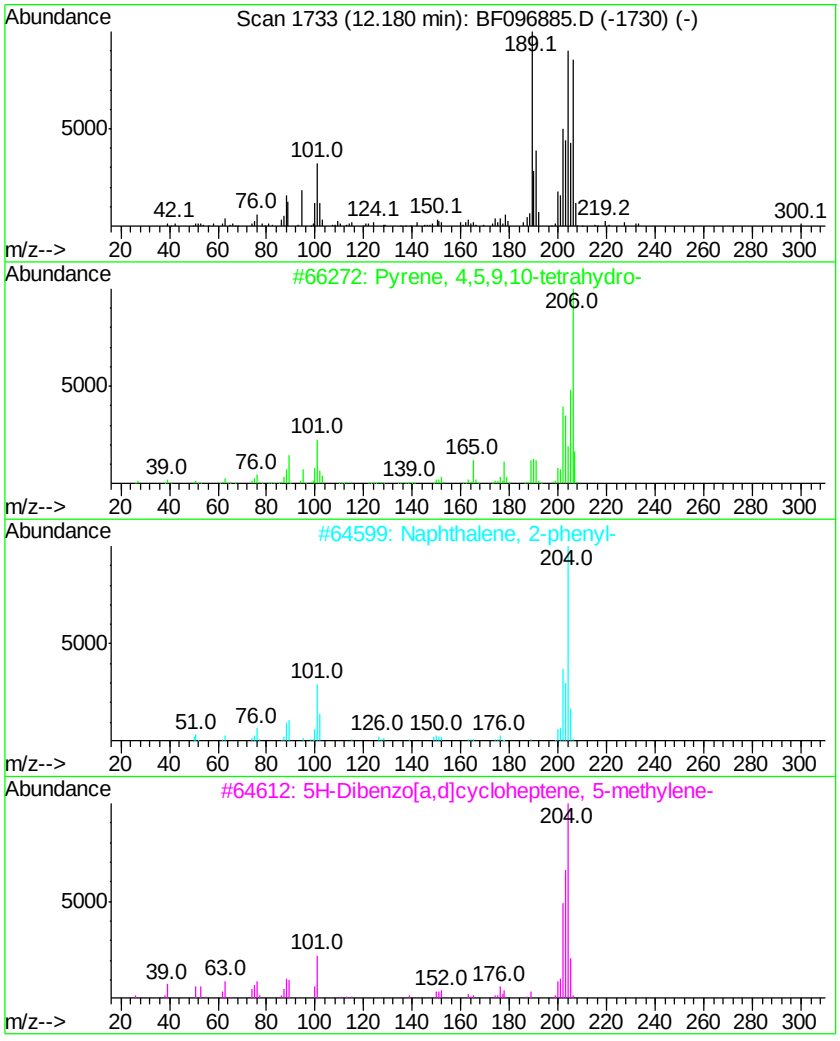
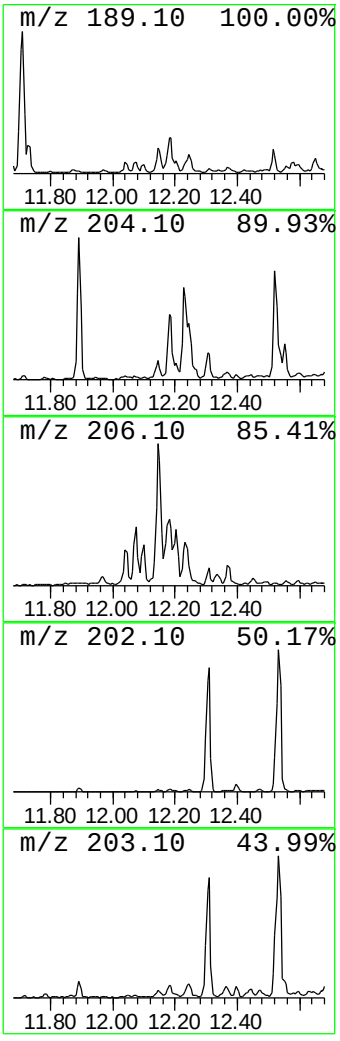
Peak Number 12 unknown12.18 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.35 ng	215206	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27





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Sample : I4280-10
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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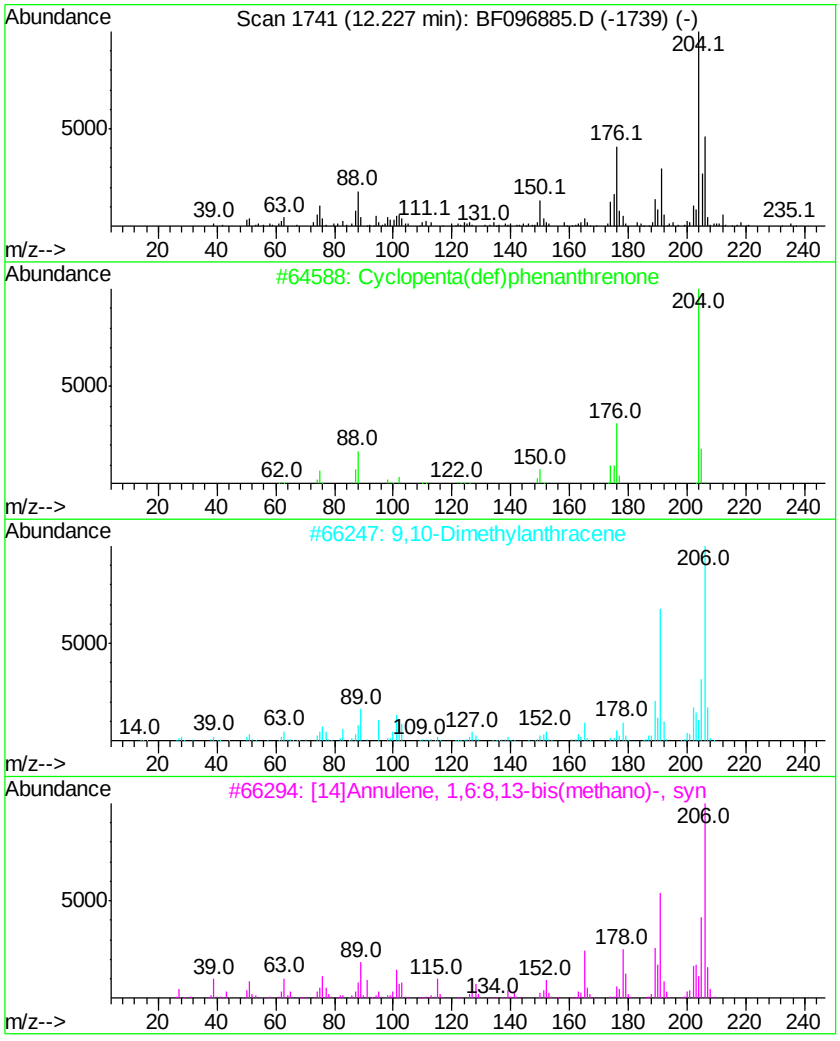
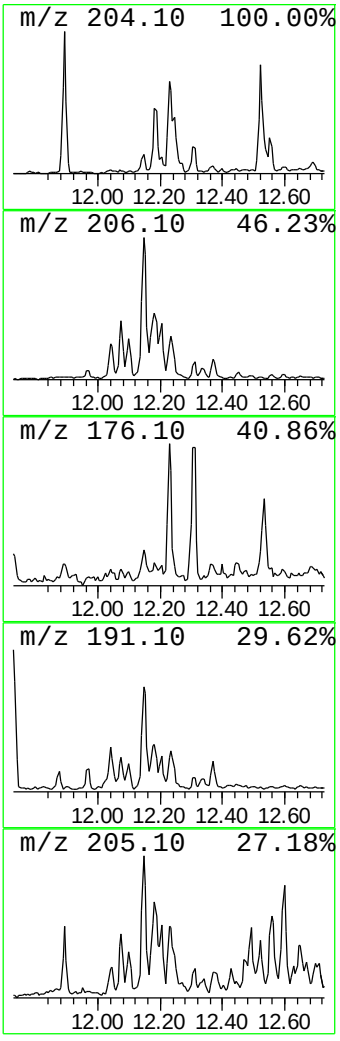
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.64 ng	226869	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	42
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	41





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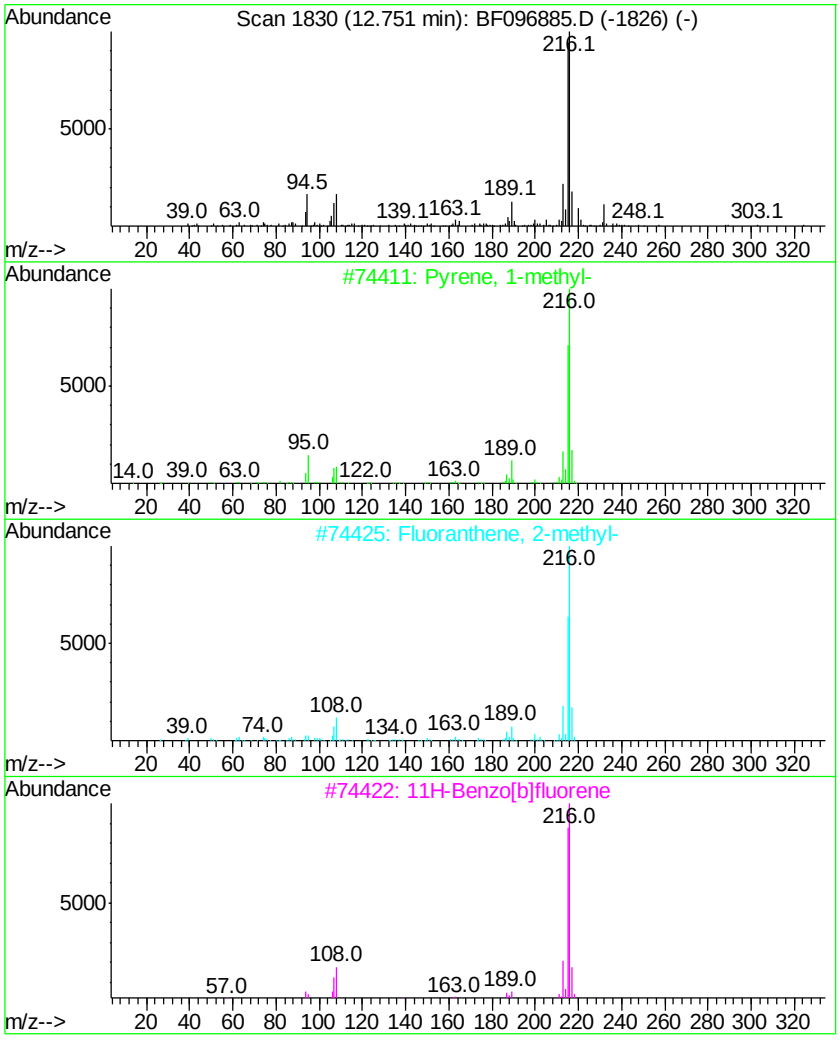
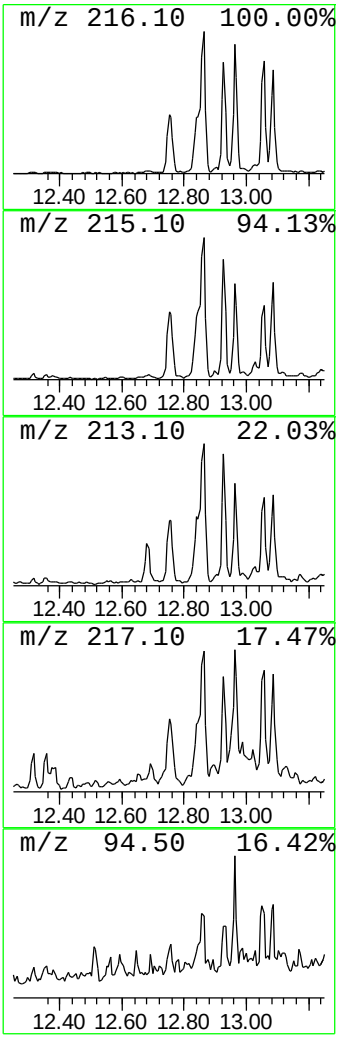
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.81 ng	266537	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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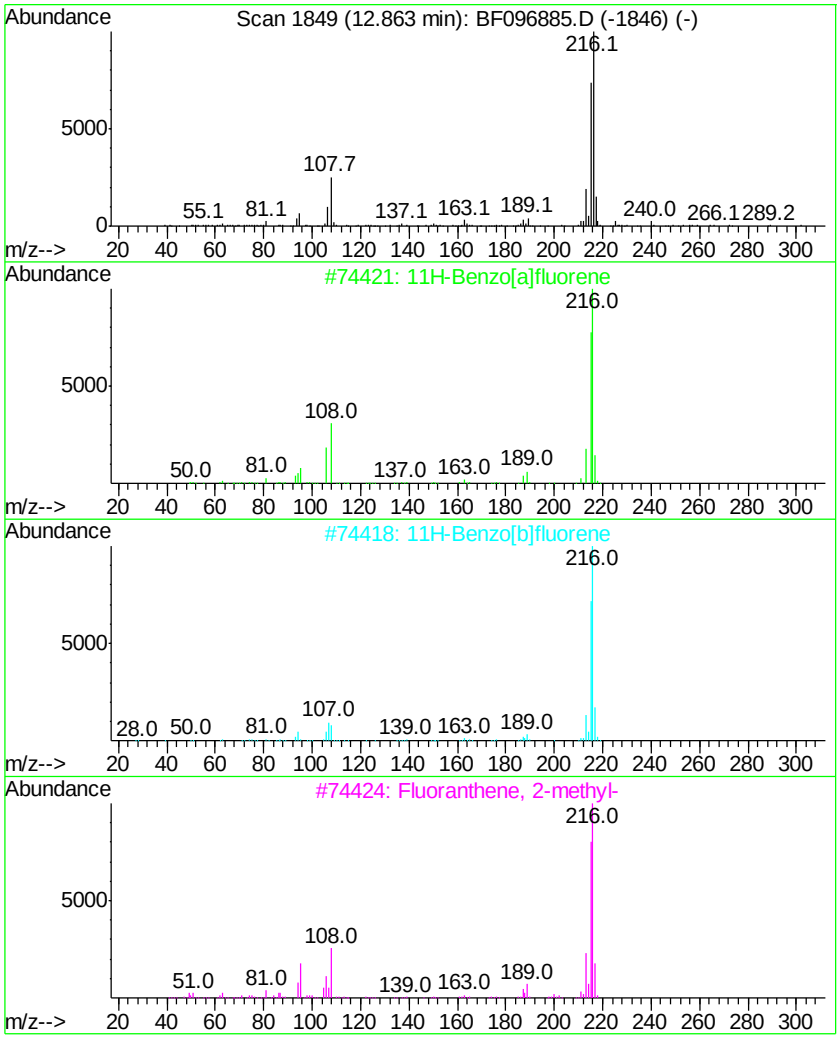
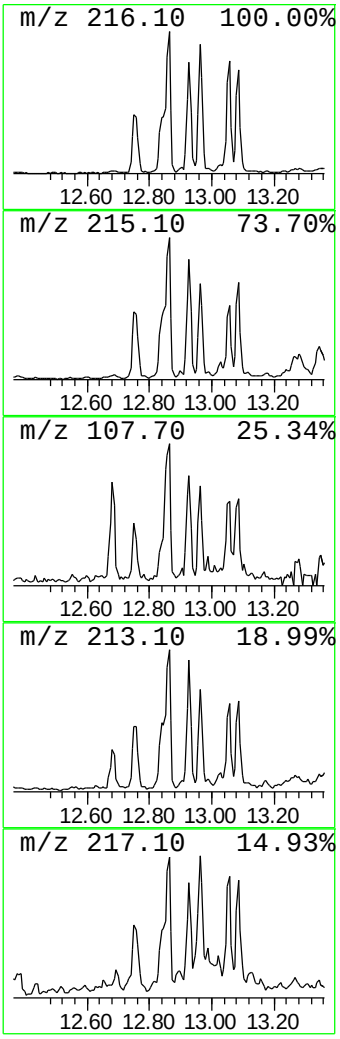
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	5.40 ng	377769	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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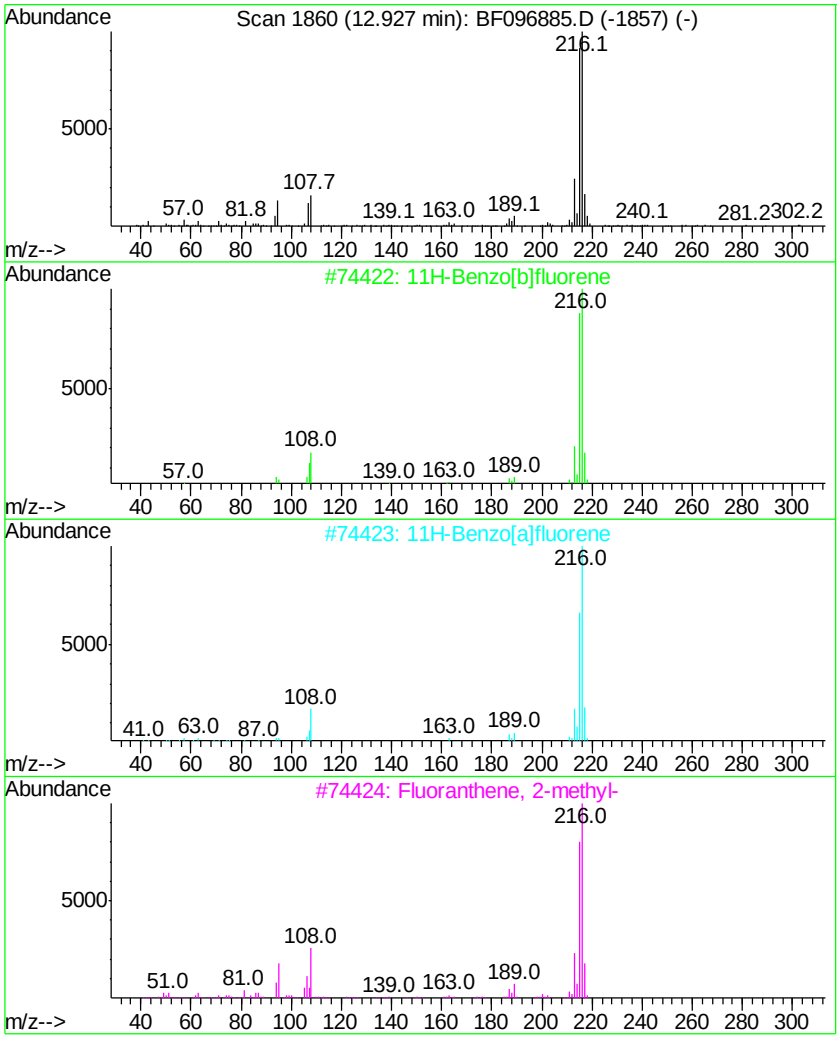
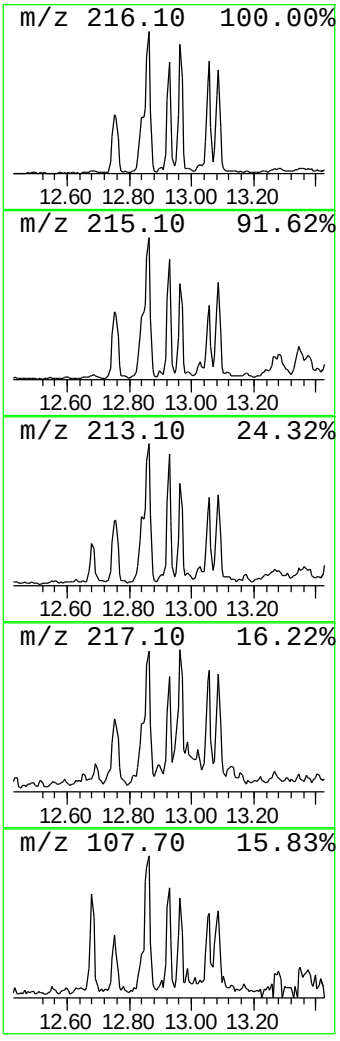
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	3.73 ng	261006	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	59





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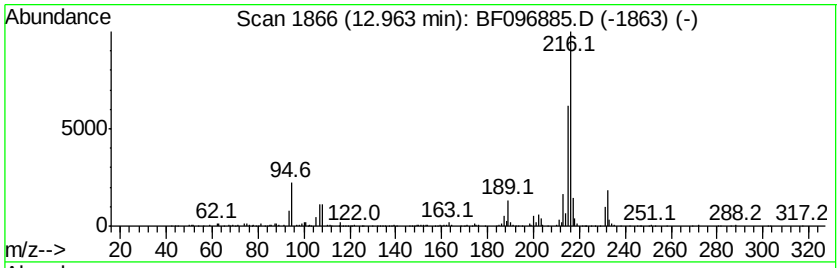
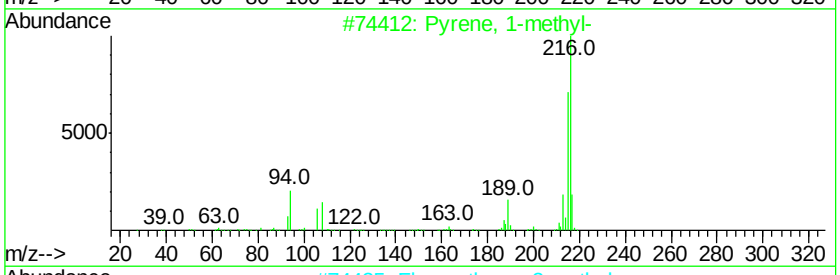
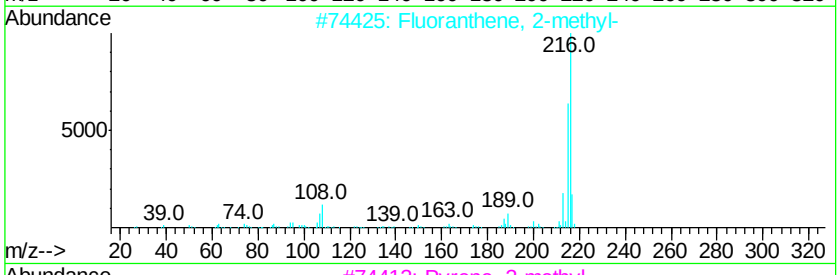
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

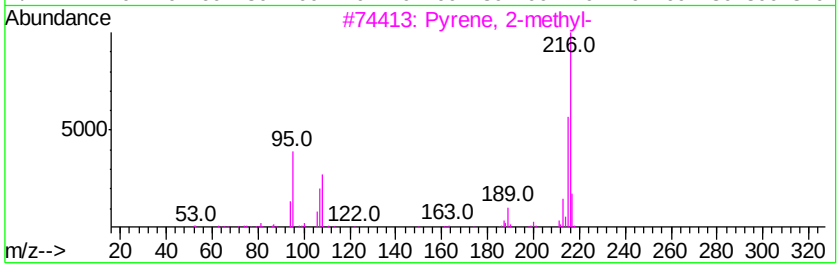
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.93 ng	345500	Chrysene-d12	13.73

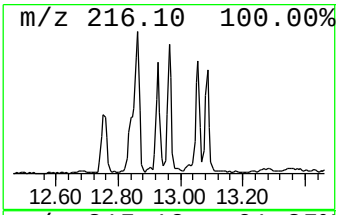
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81

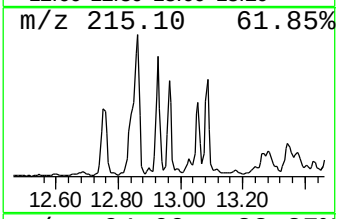


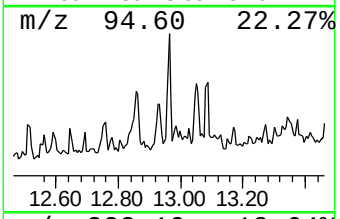


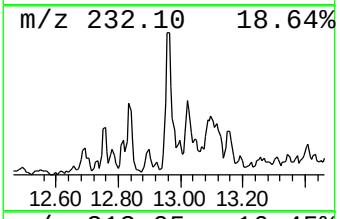


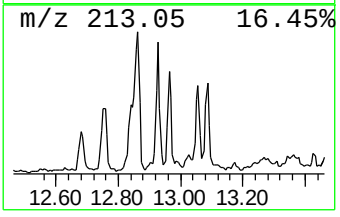












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071917\
Data File : BF096885.D
Acq On : 19 Jul 2017 22:20
Operator : SJ/JU
Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071817-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
2-Pentanone, 4-hy...	4.76	8.2	ng	250548	1	6.59	611054	20.0
unknown6.36	6.36	73.1	ng	2232500	1	6.59	611054	20.0
3-Methyl-4-(metho...	10.54	4.0	ng	159136	4	11.10	804448	20.0
5H-Dibenzo[a,d]cy...	11.60	7.3	ng	291831	4	11.10	804448	20.0
Phenanthrene, 2-m...	11.63	8.2	ng	330578	4	11.10	804448	20.0
Anthracene, 1-met...	11.67	3.6	ng	147010	4	11.10	804448	20.0
Benzaldehyde, 3,5...	11.70	15.3	ng	614907	4	11.10	804448	20.0
1a,9b-Dihydro-1H-...	11.73	5.0	ng	201947	4	11.10	804448	20.0
1,2,4,8-Tetrameth...	11.89	3.5	ng	142551	4	11.10	804448	20.0
Phenanthrene, 3,6...	12.15	8.2	ng	329024	4	11.10	804448	20.0
unknown12.18	12.18	5.3	ng	215206	4	11.10	804448	20.0
Cyclopenta(def)ph...	12.23	5.6	ng	226869	4	11.10	804448	20.0
Pyrene, 1-methyl-	12.75	3.8	ng	266537	5	13.73	1400440	20.0
11H-Benzo[a]fluorene	12.86	5.4	ng	377769	5	13.73	1400440	20.0
11H-Benzo[b]fluorene	12.93	3.7	ng	261006	5	13.73	1400440	20.0
Fluoranthene, 2-m...	12.96	4.9	ng	345500	5	13.73	1400440	20.0