LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096400.D
Acq On : 2 Jul 2017 1:12
Operator : SJ/MA
Sample : I3982-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

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-BF070117.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	4.916	477	481	488	rVB	193921	229720	7.34%	0.506%
2	5.340	549	553	557	rVB	1751458	1571083	50.17%	3.460%
3	6.363	723	727	732	rVB	1781418	1516185	48.41%	3.339%
4	6.498	746	750	754	rBV	1579733	1379277	44.04%	3.037%
5	6.734	786	790	793	rBV	1071228	830644	26.52%	1.829%
6	6.892	813	817	820	rBV	1238261	1118167	35.70%	2.462%
7	7.287	879	884	888	rBV	983401	862868	27.55%	1.900%
8	7.722	952	958	960	rBV	54339	61130	1.95%	0.135%
9	8.016	1004	1008	1010	rBV	1243788	1014091	32.38%	2.233%
10	8.034	1010	1011	1014	rVB	210678	143097	4.57%	0.315%
11	8.728	1126	1129	1132	rVB	81724	62577	2.00%	0.138%
12	8.828	1142	1146	1148	rVB	52852	44380	1.42%	0.098%
13	9.092	1187	1191	1194	rBV	1534543	1329675	42.46%	2.928%
14	9.186	1204	1207	1211	rBV	61959	54534	1.74%	0.120%
15	9.428	1244	1248	1250	rBV	54668	52052	1.66%	0.115%
16	9.480	1254	1257	1260	rBV	530521	469880	15.00%	1.035%
17	9.628	1278	1282	1285	rBV	312256	281193	8.98%	0.619%
18	9.716	1294	1297	1301	rVB	54193	49776	1.59%	0.110%
19	9.769	1301	1306	1308	rBV	830860	793213	25.33%	1.747%
20	9.798	1308	1311	1314	rVB	275668	209980	6.70%	0.462%
21	9.969	1337	1340	1344	rVB	163124	134626	4.30%	0.296%
22	10.210	1379	1381	1384	rVB2	71159	64858	2.07%	0.143%
23	10.310	1395	1398	1404	rVB	236173	206998	6.61%	0.456%
24	10.422	1415	1417	1423	rVB4	34593	54360	1.74%	0.120%
25	10.545	1434	1438	1443	rBV2	750525	719934	22.99%	1.585%
26	10.680	1456	1461	1463	rBV2	92301	133244	4.25%	0.293%
27	10.857	1484	1491	1494	rBV4	50639	84173	2.69%	0.185%
28	11.010	1515	1517	1521	rVB3	54143	40224	1.28%	0.089%
29	11.045	1521	1523	1528	rVB	115707	118613	3.79%	0.261%
30	11.098	1528	1532	1535	rBV2	50099	72777	2.32%	0.160%
31	11.139	1535	1539	1542	rVB2	99862	97386	3.11%	0.214%
32	11.245	1553	1557	1559	rBV	781826	727099	23.22%	1.601%
33	11.275	1559	1562	1565	rVV	1742633	1588378	50.72%	3.498%
34	11.322	1565	1570	1573	rVV	646118	583795	18.64%	1.286%

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.351	1573	1575	1579	rVB2	89832	85475	2.73%	0.188%
36	11.469	1590	1595	1598	rBV2	292695	311996	9.96%	0.687%
37	11.574	1611	1613	1616	rVB3	51173	42959	1.37%	0.095%
38	11.745	1636	1642	1644	rBV	246754	227734	7.27%	0.501%
39	11.774	1644	1647	1651	rVB	382777	346133	11.05%	0.762%
40	11.822	1651	1655	1658	rBV2	186099	171448	5.47%	0.378%
41	11.857	1658	1661	1663	rBV	462304	452242	14.44%	0.996%
42	11.880	1663	1665	1668	rVB	173363	135106	4.31%	0.298%
43	12.039	1687	1692	1694	rBV	183950	188443	6.02%	0.415%
44	12.063	1694	1696	1699	rVB	199141	159594	5.10%	0.351%
45	12.192	1712	1718	1721	rBV	84640	103420	3.30%	0.228%
46	12.221	1721	1723	1725	rBV	63771	47094	1.50%	0.104%
47	12.245	1725	1727	1730	rVB	72131	55387	1.77%	0.122%
48	12.298	1732	1736	1739	rBV	185574	199835	6.38%	0.440%
49	12.333	1739	1742	1744	rBV	96902	105649	3.37%	0.233%
50	12.374	1747	1749	1755	rVB2	189635	225507	7.20%	0.497%
51	12.463	1759	1764	1767	rBV	2854333	2749677	87.80%	6.055%
52	12.510	1767	1772	1776	rBV3	65845	106870	3.41%	0.235%
53	12.545	1776	1778	1781	rVB	113213	100031	3.19%	0.220%
54	12.604	1781	1788	1790	rBV3	123010	232223	7.42%	0.511%
55	12.686	1796	1802	1807	rBV2	2513259	3131736	100.00%	6.896%
56	12.733	1807	1810	1816	rVB2	135047	189748	6.06%	0.418%
57	12.804	1818	1822	1823	rBV	198433	172744	5.52%	0.380%
58	12.827	1823	1826	1833	rVB2	1283517	1299904	41.51%	2.862%
59	12.904	1833	1839	1842	rBV2	252046	434150	13.86%	0.956%
60	12.927	1842	1843	1846	rVB	109138	60827	1.94%	0.134%
61	12.963	1846	1849	1851	rBV3	64821	81392	2.60%	0.179%
62	12.986	1851	1853	1855	rVV2	199995	237525	7.58%	0.523%
63	13.010	1855	1857	1860	rVB	464801	410078	13.09%	0.903%
64	13.045	1860	1863	1865	rBV2	56487	68446	2.19%	0.151%
65	13.074	1865	1868	1871	rBV	334386	297565	9.50%	0.655%
66	13.116	1871	1875	1877	rVV	357172	374976	11.97%	0.826%
67	13.139	1877	1879	1882	rVB2	111203	109828	3.51%	0.242%
68	13.174	1882	1885	1887	rBV2	101300	104792	3.35%	0.231%
69	13.204	1887	1890	1893	rVB	184832	158159	5.05%	0.348%
70	13.233	1893	1895	1900	rBV2	182647	187368	5.98%	0.413%
71	13.304	1905	1907	1913	rVV2	230109	236045	7.54%	0.520%

LSC Area Percent Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.392	1918	1922	1923	rBV2	93274	122498	3.91%	0.270%
73	13.416	1924	1926	1928	rBV2	66125	47792	1.53%	0.105%
74	13.516	1939	1943	1948	rVB	260091	334305	10.67%	0.736%
75	13.621	1957	1961	1964	rBV2	314465	424504	13.55%	0.935%
76	13.657	1964	1967	1969	rVV	324632	348300	11.12%	0.767%
77	13.674	1969	1970	1975	rVV2	280985	399424	12.75%	0.880%
78	13.721	1975	1978	1984	rVB	332376	463870	14.81%	1.021%
79	13.874	1997	2004	2007	rBV3	1920063	2935102	93.72%	6.463%
80	13.904	2007	2009	2015	rVB	1443496	1448631	46.26%	3.190%
81	13.980	2020	2022	2026	rVB	213926	200783	6.41%	0.442%
82	14.063	2033	2036	2038	rVB2	173661	167060	5.33%	0.368%
83	14.092	2038	2041	2046	rBV2	185729	225793	7.21%	0.497%
84	14.133	2046	2048	2050	rVB2	78475	64128	2.05%	0.141%
85	14.227	2061	2064	2066	rBV	107463	113006	3.61%	0.249%
86	14.263	2066	2070	2073	rVV	343947	391645	12.51%	0.862%
87	14.298	2073	2076	2079	rVB2	199407	201436	6.43%	0.444%
88	14.363	2084	2087	2089	rVV2	116262	142811	4.56%	0.314%
89	14.386	2089	2091	2093	rVB3	116119	81899	2.62%	0.180%
90	14.557	2118	2120	2123	rBV2	94917	99036	3.16%	0.218%
91	14.798	2158	2161	2164	rBV2	108760	112683	3.60%	0.248%
92	14.892	2172	2177	2185	rBV	1077215	2183782	69.73%	4.809%
93	14.986	2190	2193	2200	rVB2	371642	499141	15.94%	1.099%
94	15.174	2221	2225	2230	rVB	652442	821160	26.22%	1.808%
95	15.233	2230	2235	2241	rBV	884959	1032082	32.96%	2.273%
96	15.292	2241	2245	2247	rBV	373384	471568	15.06%	1.038%
97	15.321	2247	2250	2252	rVB	187874	195025	6.23%	0.429%
98	15.751	2320	2323	2327	rVB	154243	207048	6.61%	0.456%
99	16.662	2472	2478	2486	rVB2	396039	734824	23.46%	1.618%
100	17.074	2543	2548	2559	rVB	308934	640897	20.46%	1.411%

Sum of corrected areas: 45412326

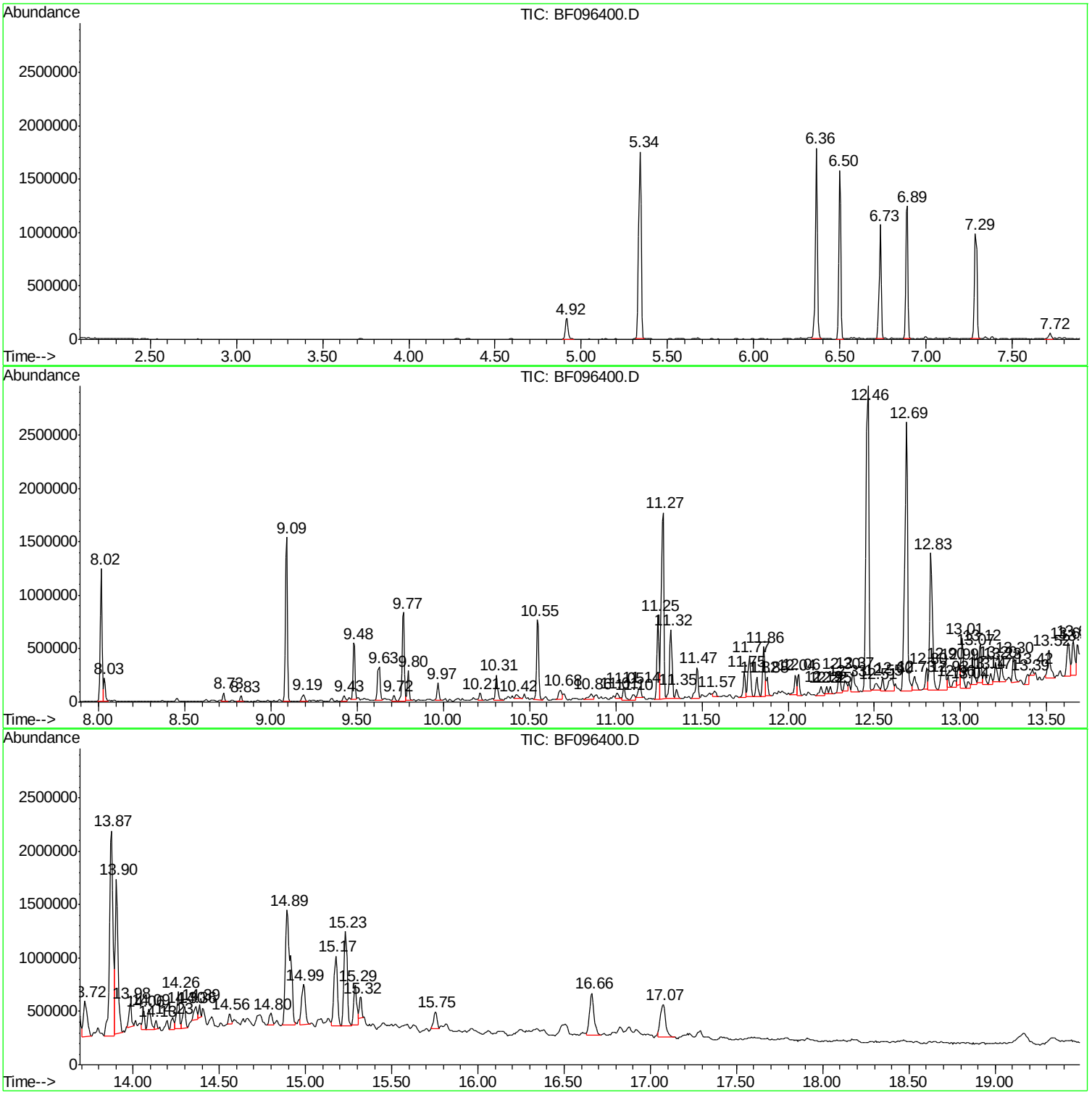
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096400.D
Acq On : 2 Jul 2017 1:12
Operator : SJ/MA
Sample : I3982-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

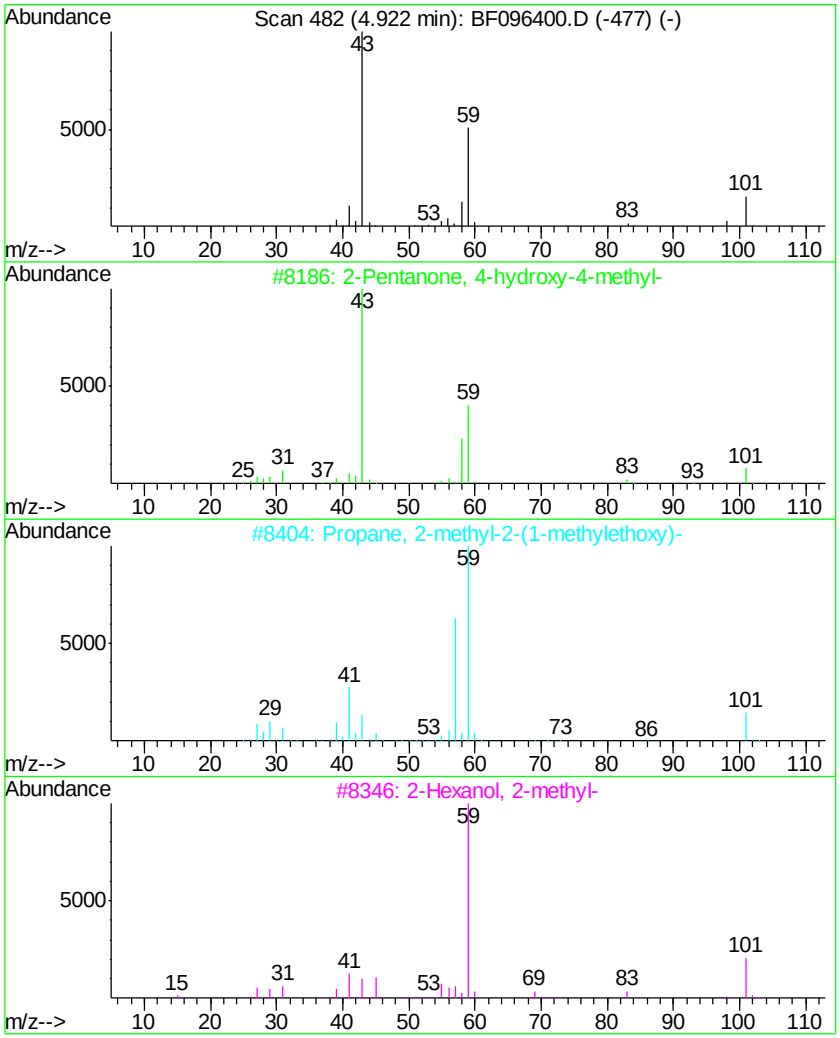
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

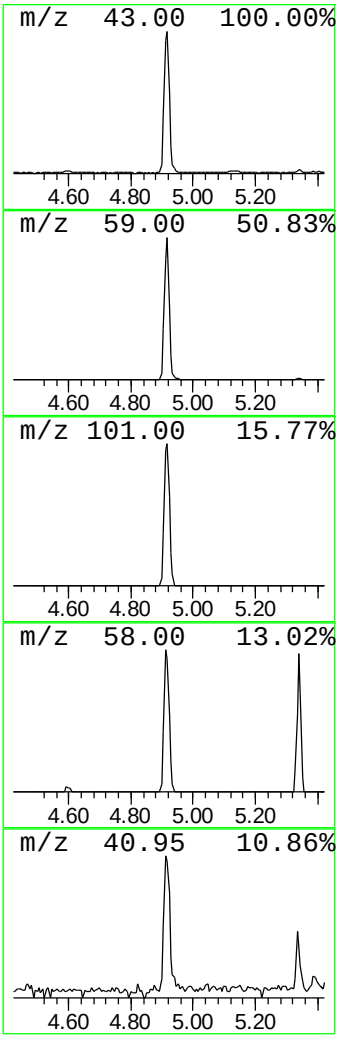
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.53 ng	229720	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	1,2-Butanediol	90	C4H10O2	000584-03-2	28





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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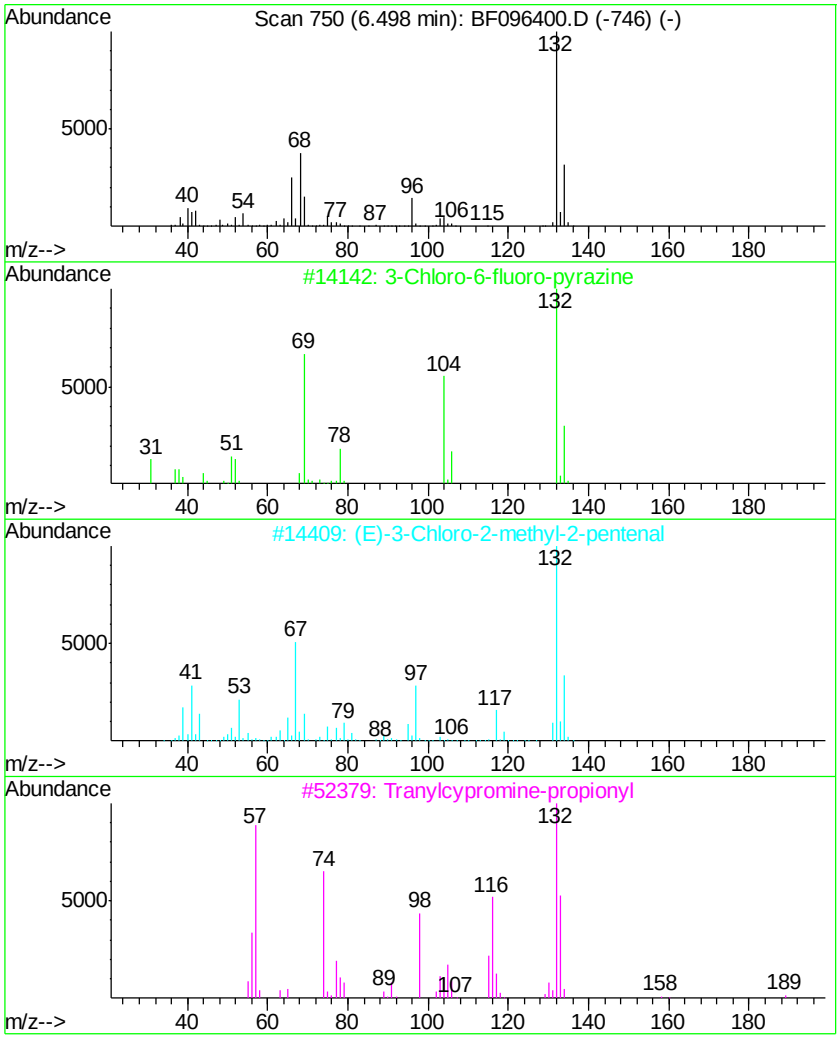
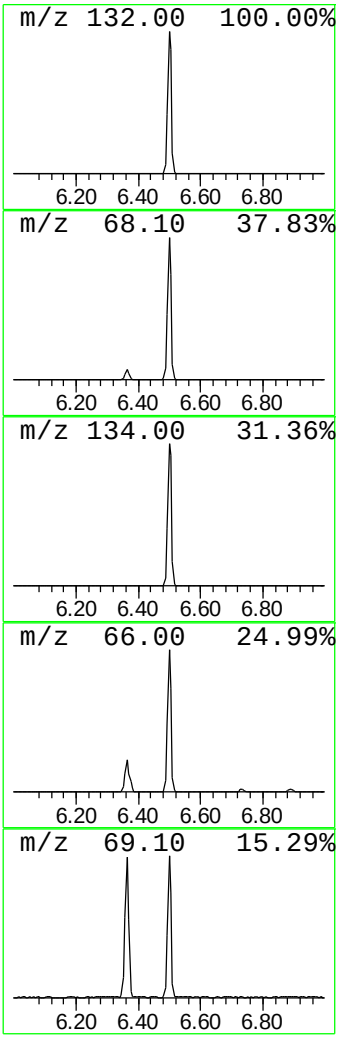
****

Peak Number 2 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	33.21 ng	1379280	1,4-Dichlorobenzene-d4	6.73

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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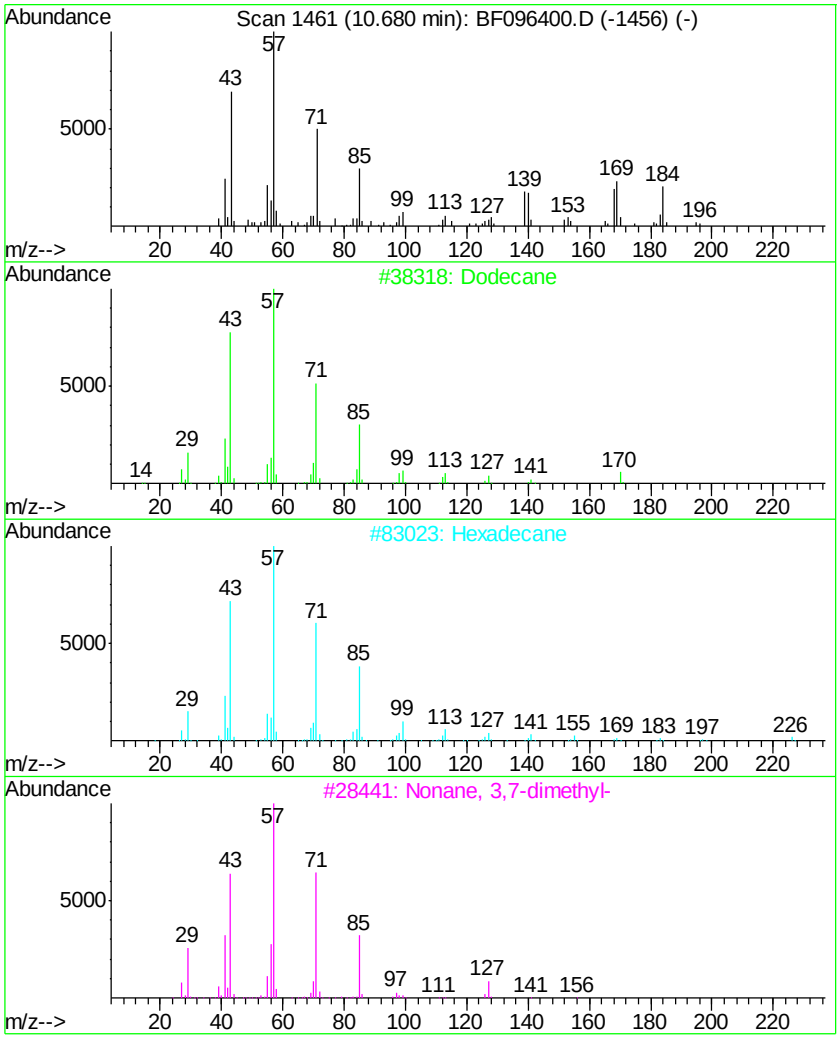
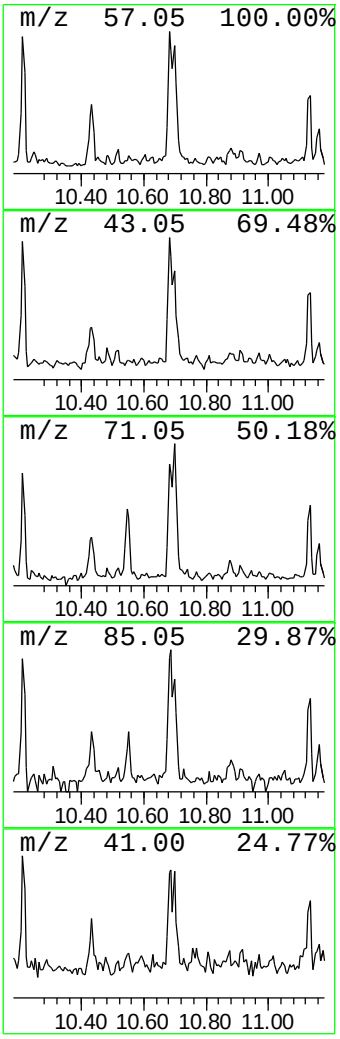
Peak Number 4 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	3.67 ng	133244	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Hexadecane	226	C16H34	000544-76-3	43
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	35





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

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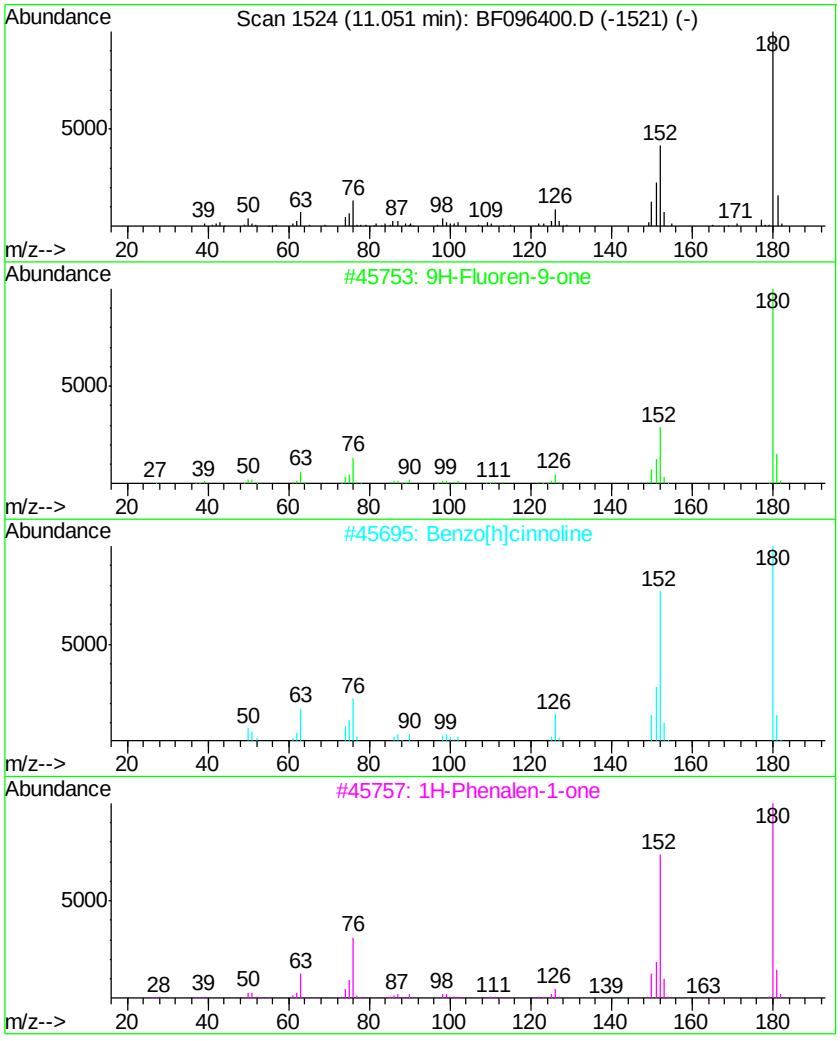
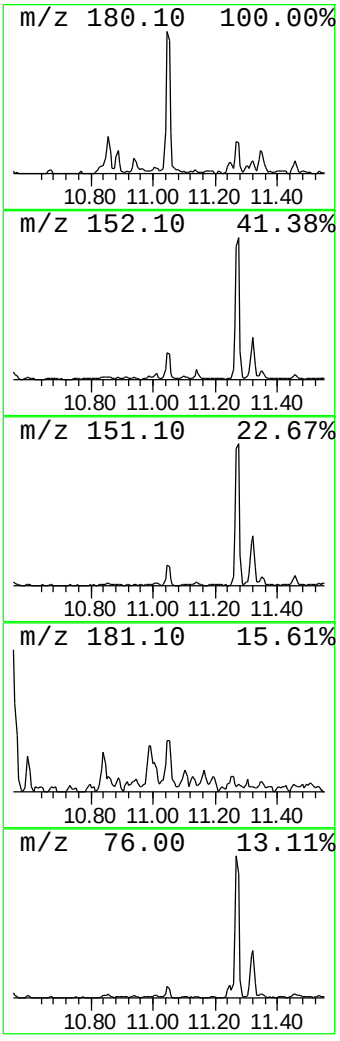
Peak Number 5 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.26 ng	118613	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	50





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Sample : I3982-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

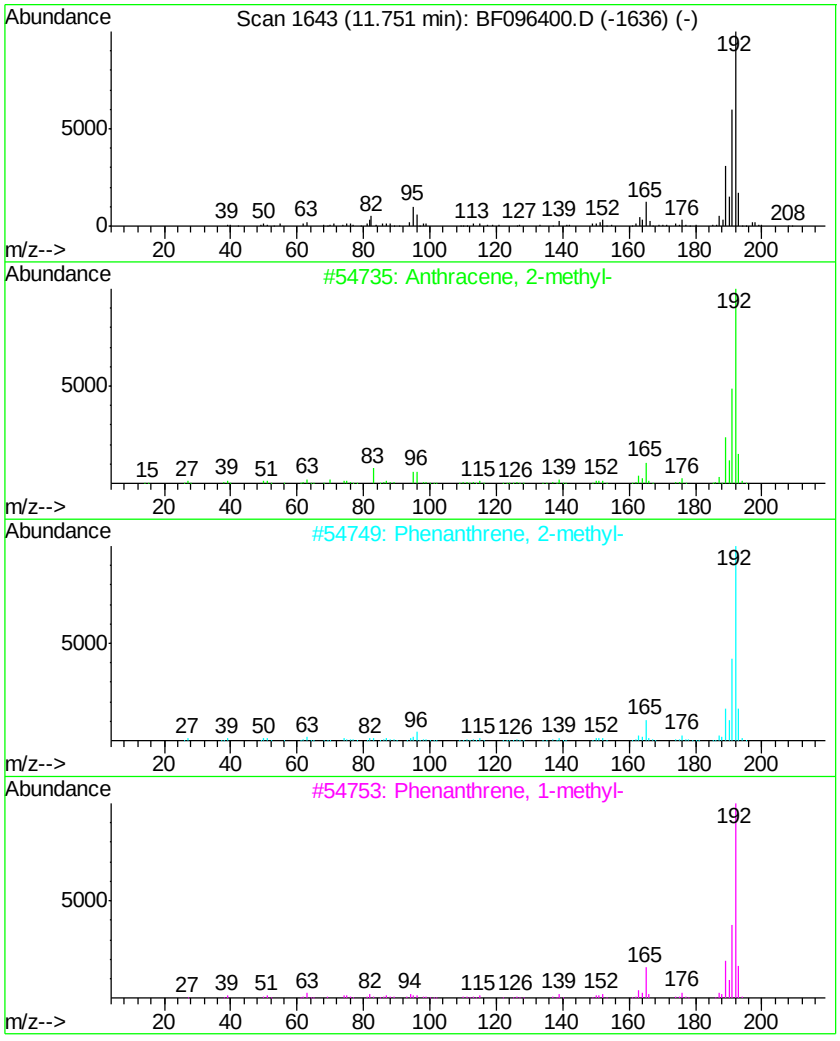
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

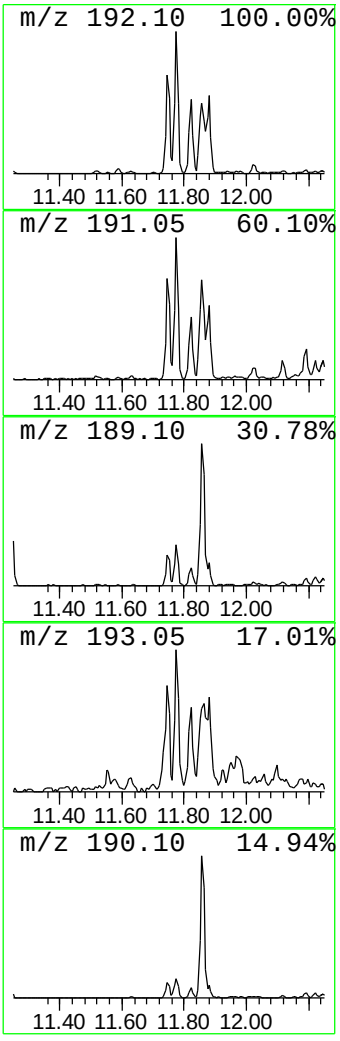
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.26 ng	227734	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ClientSampleId : 339-COMP

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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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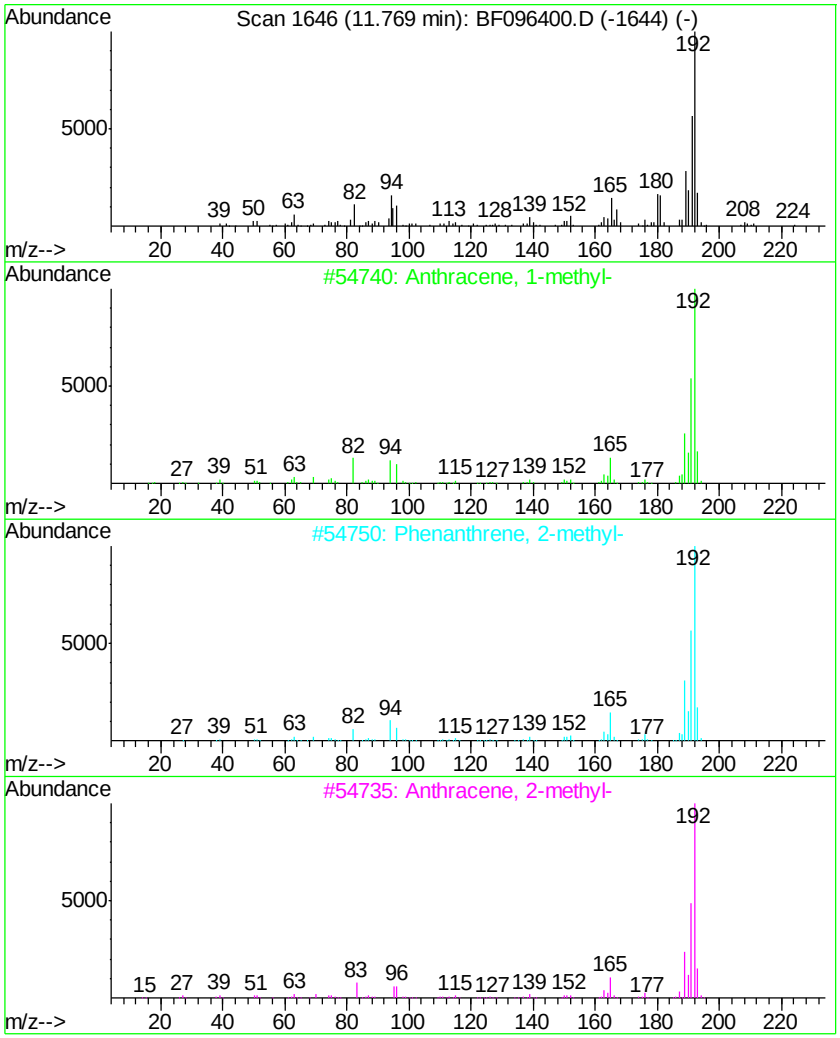
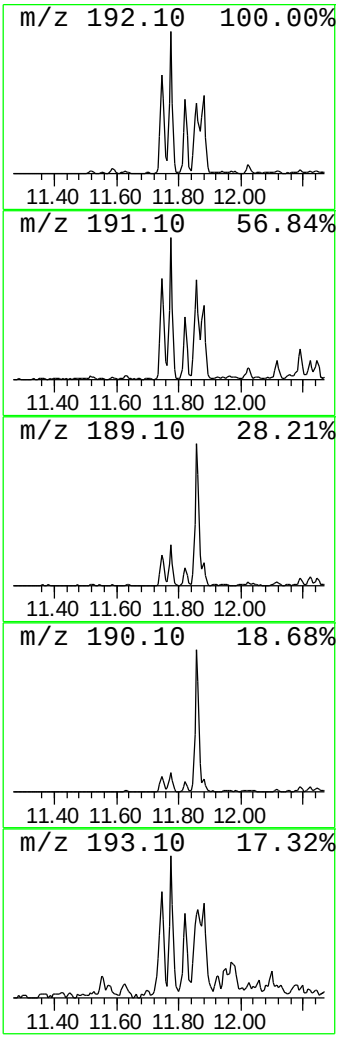
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.52 ng	346133	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





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

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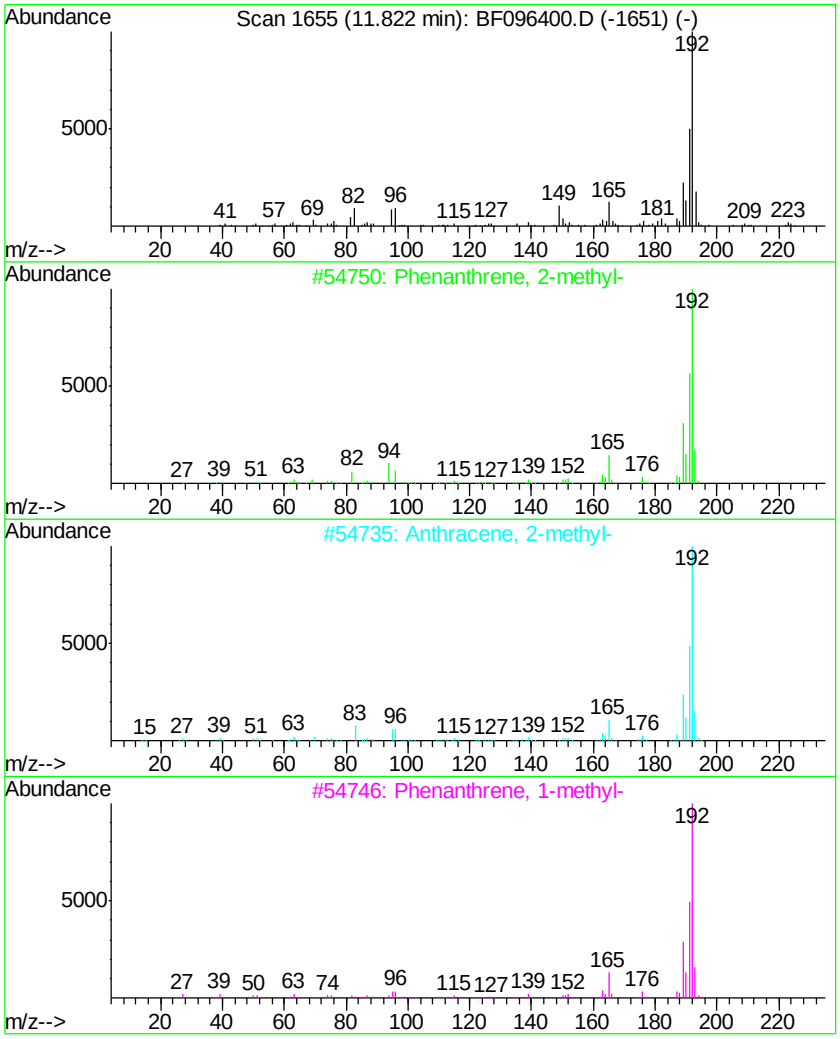
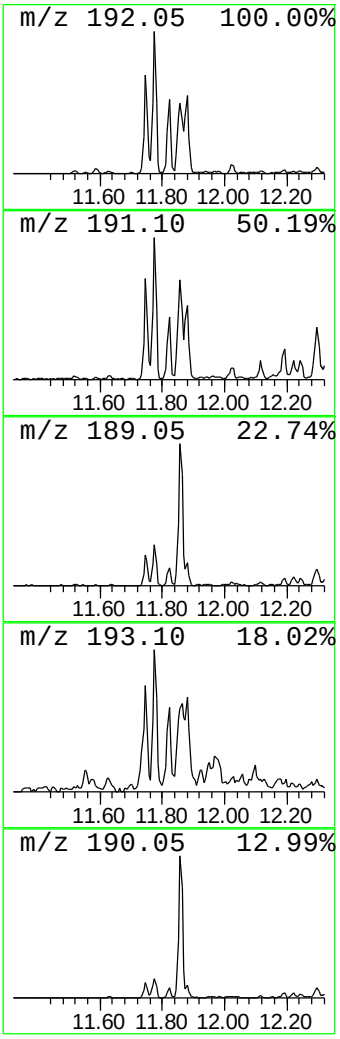
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.72 ng	171448	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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TIC Integration Parameters: LSCINT.P

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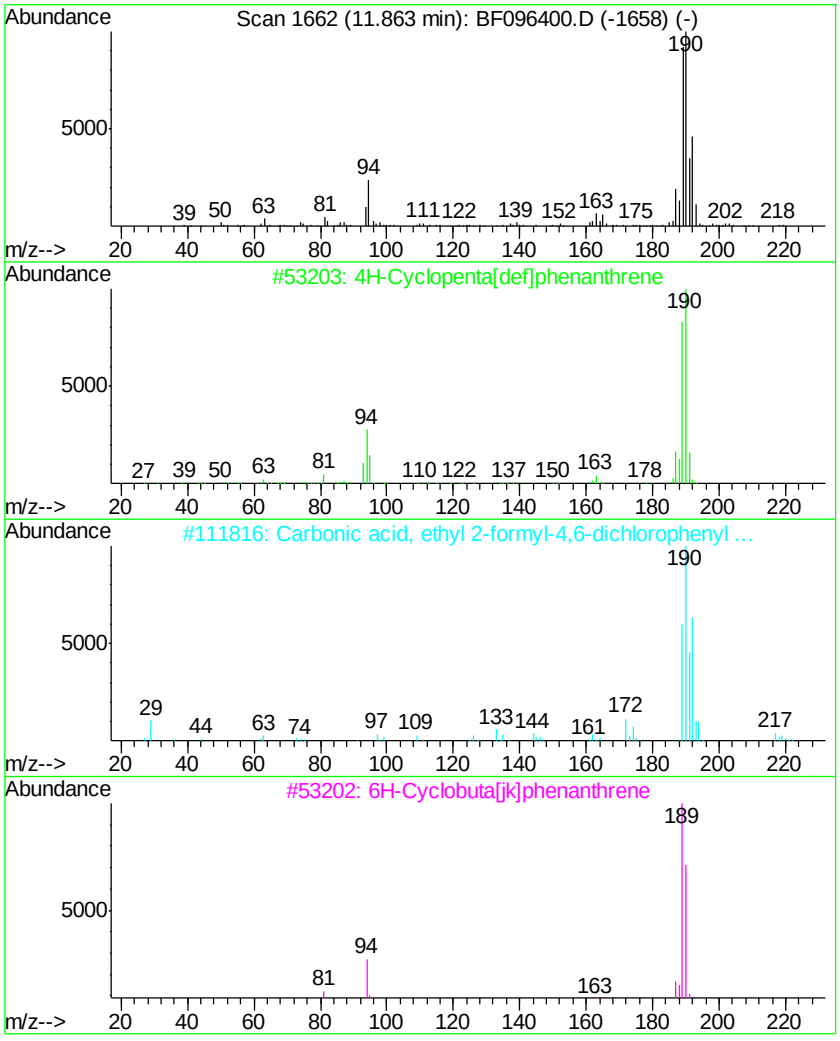
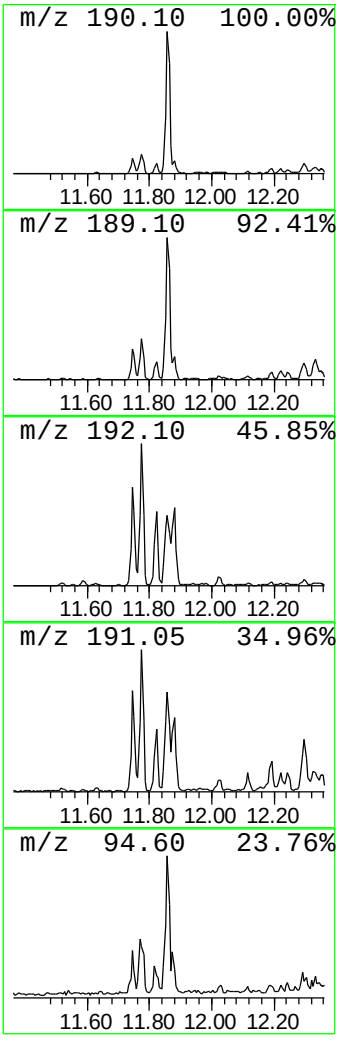
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.44 ng	452242	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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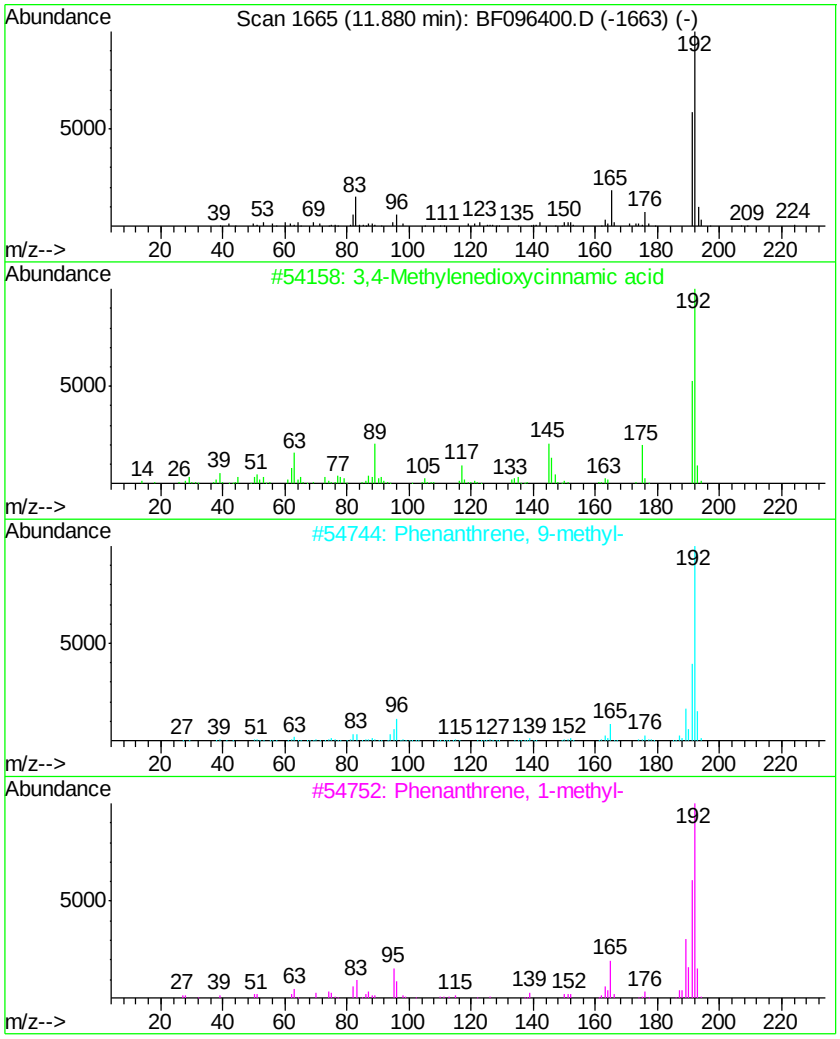
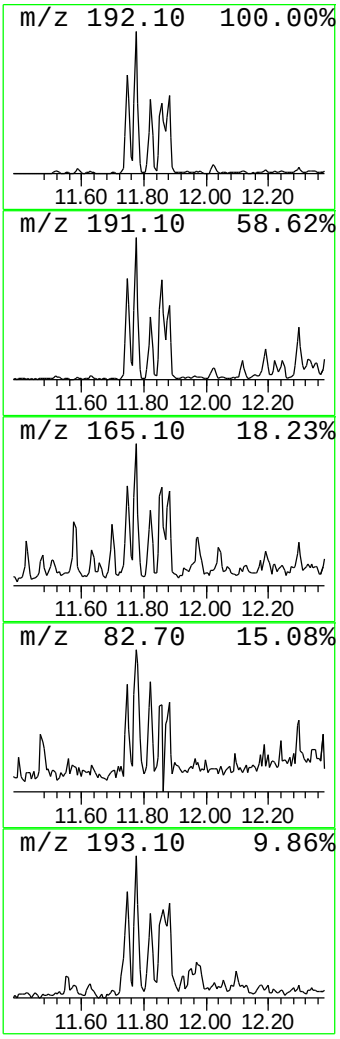
Peak Number 10 3,4-Methylenedioxycinnamic ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.72 ng	135106	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	72
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





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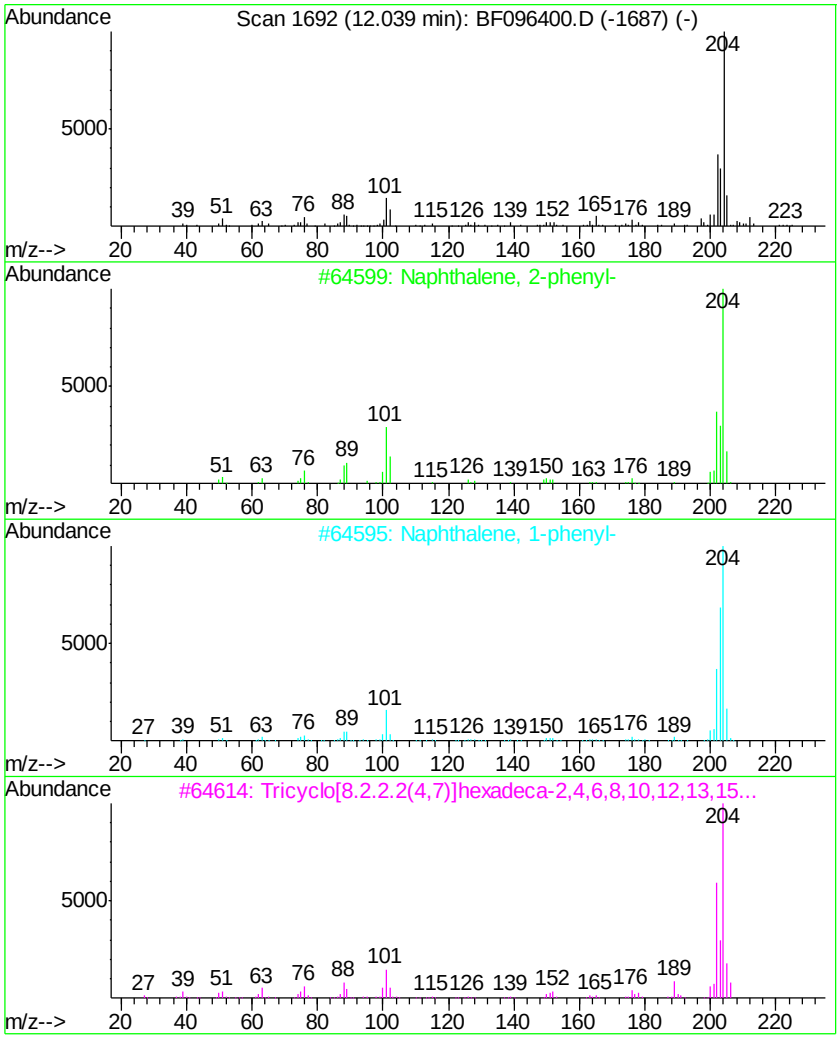
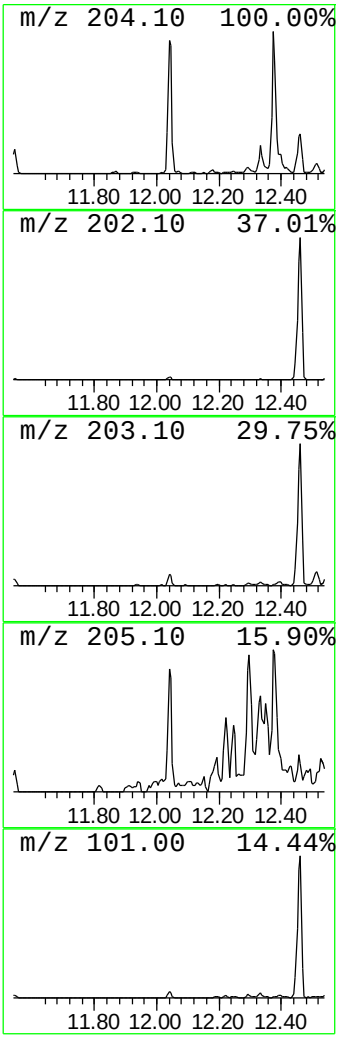
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.18 ng	188443	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58





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TIC Library : C:\DATABASE\NIST11.L
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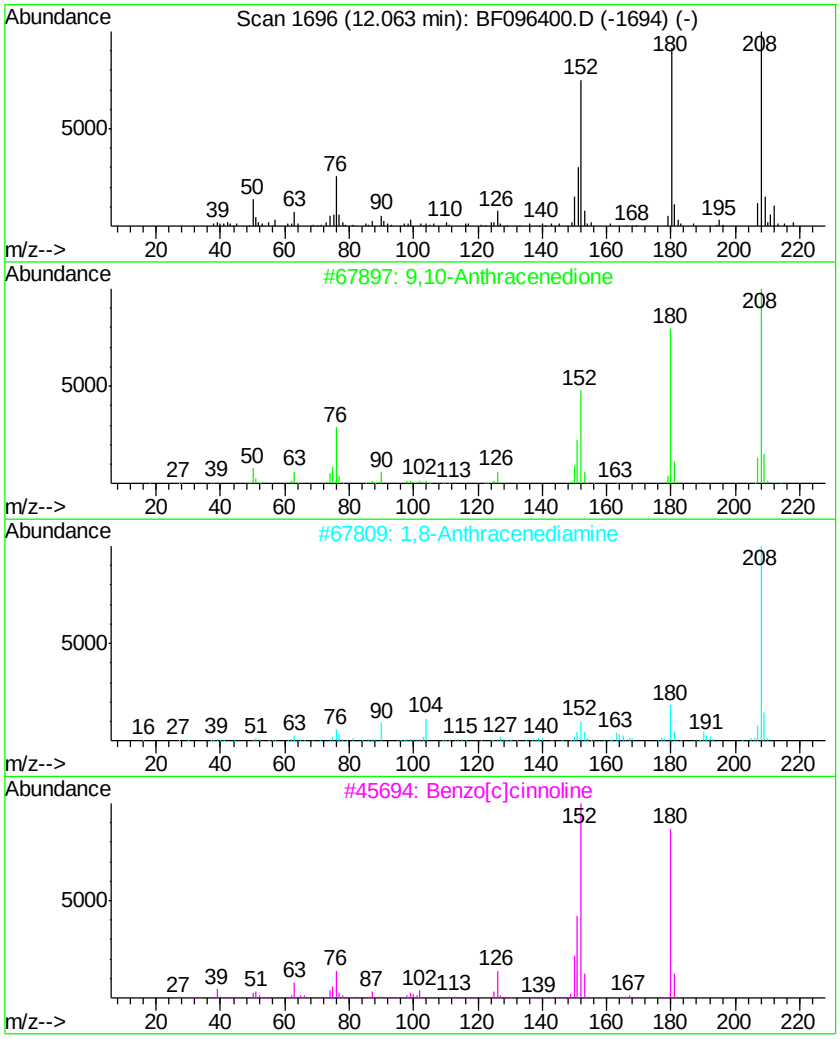
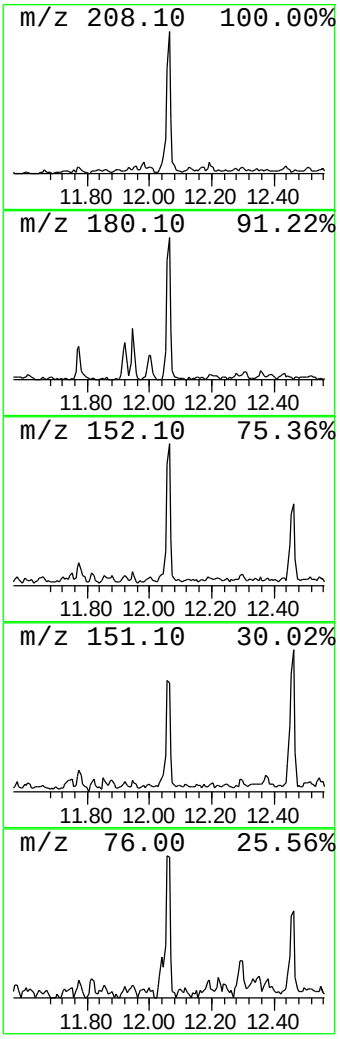
Peak Number 12 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.39 ng	159594	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Instrument : BNA_F
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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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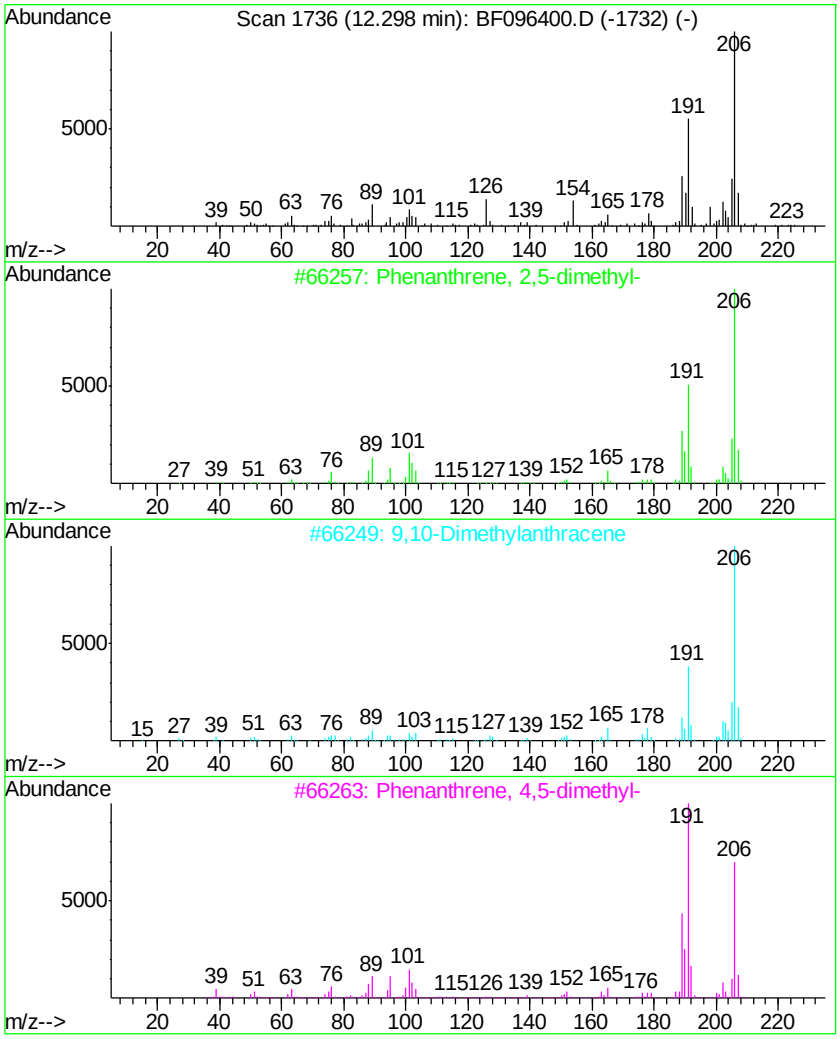
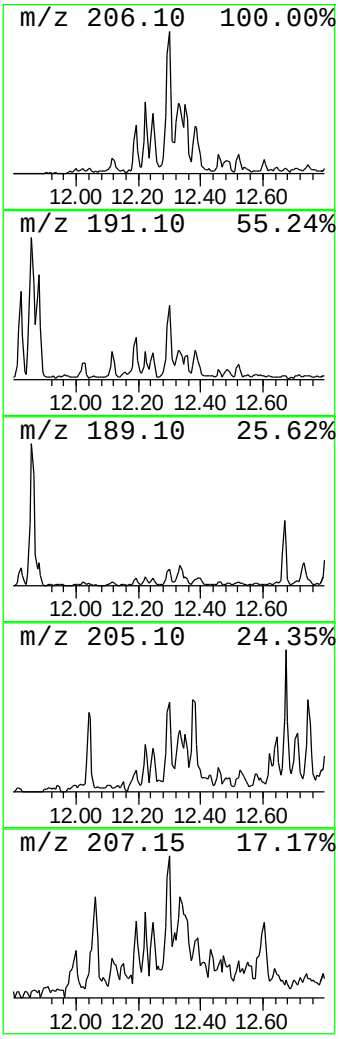
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.50 ng	199835	Phenanthrene-d10	11.25

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	92
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89





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TIC Integration Parameters: LSCINT.P

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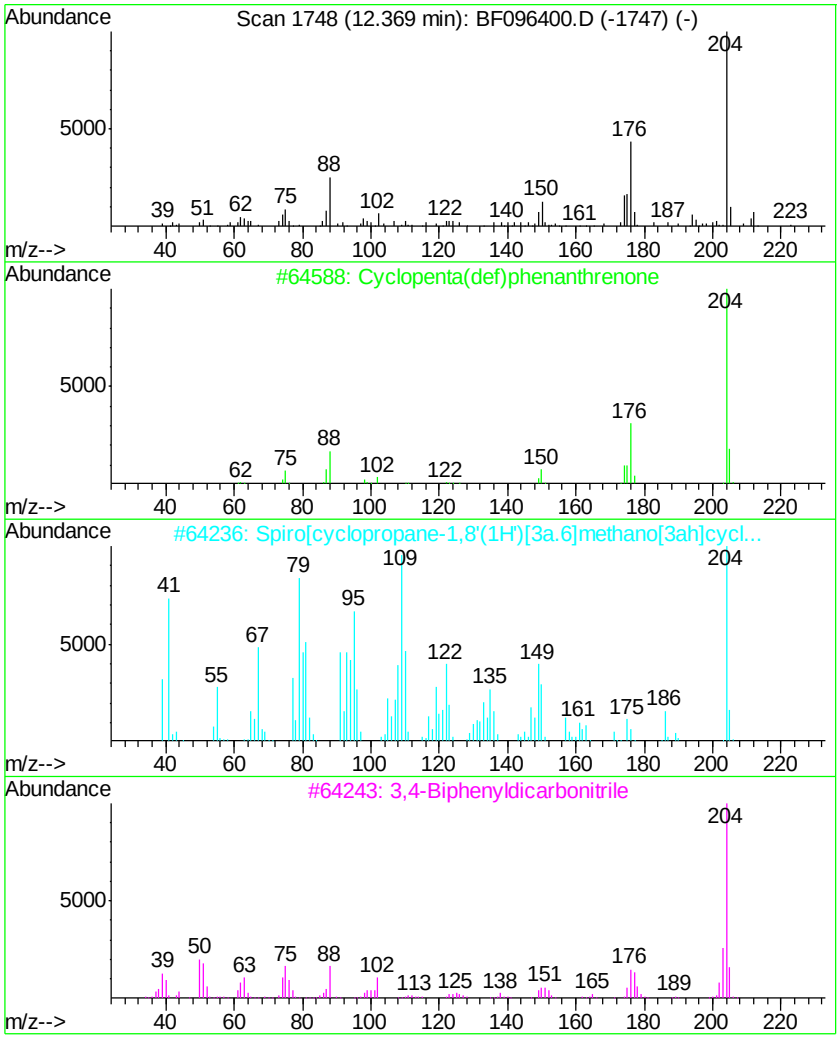
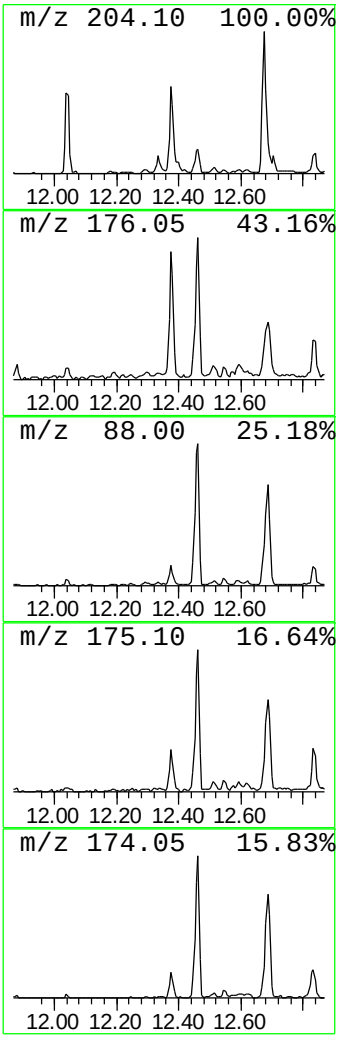
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.20 ng	225507	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	95
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	59
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	59





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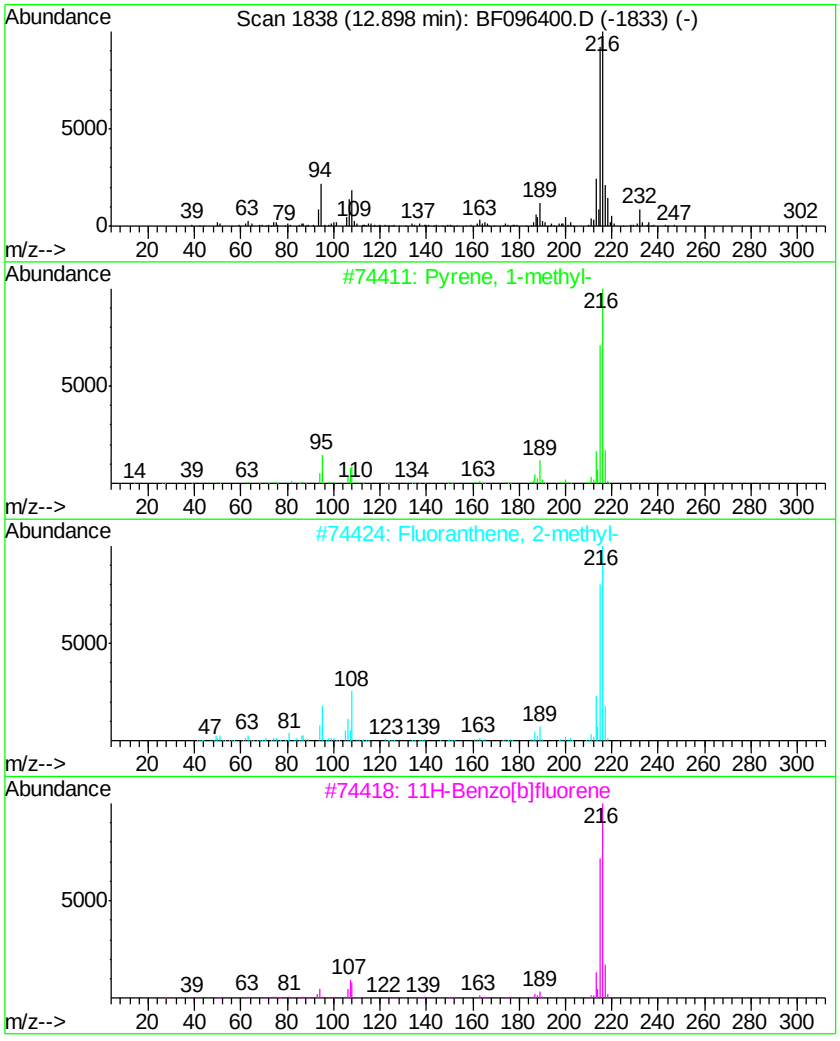
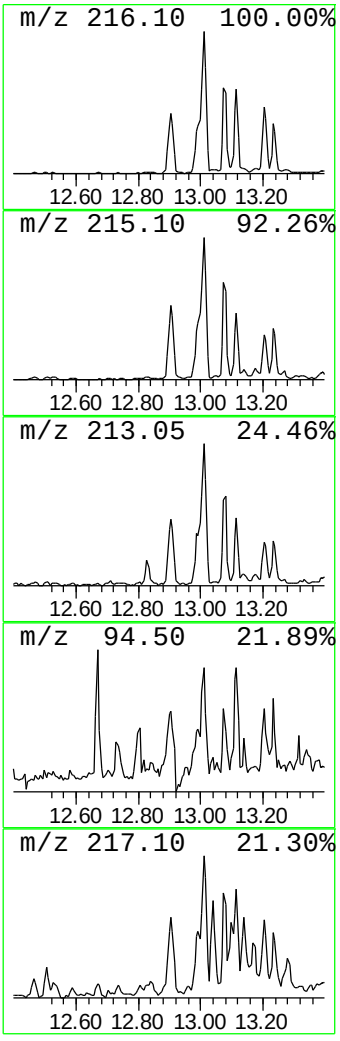
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.96 ng	434150	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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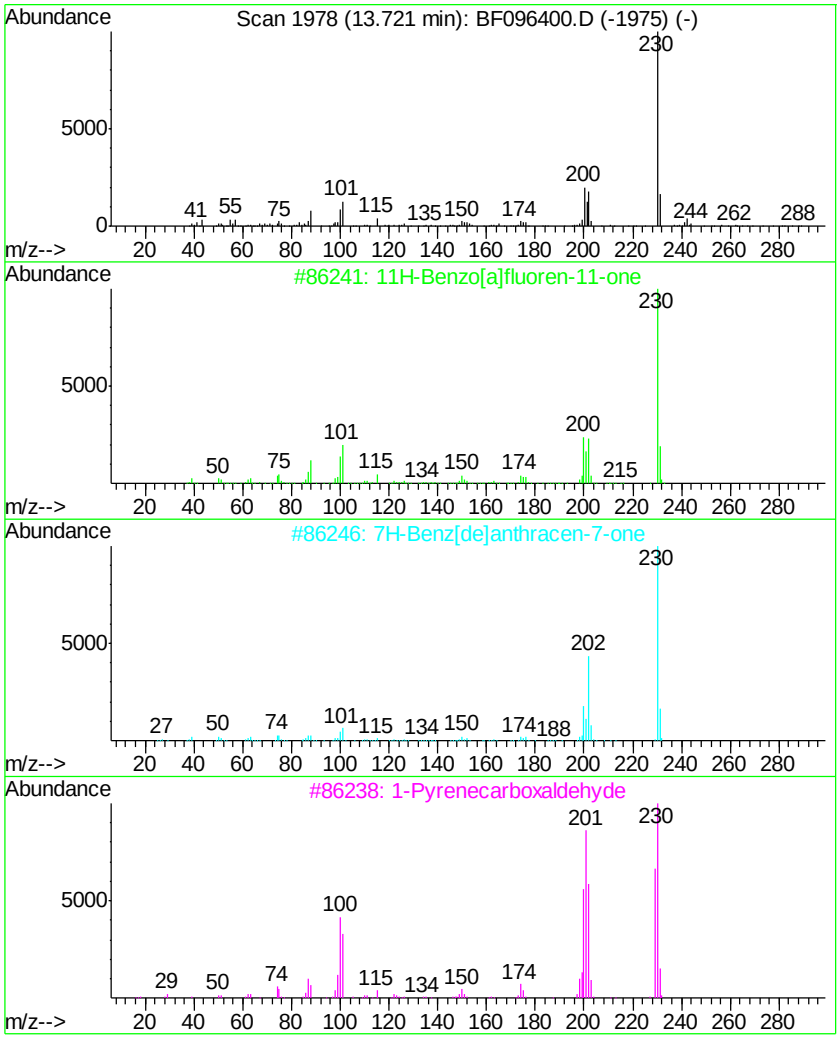
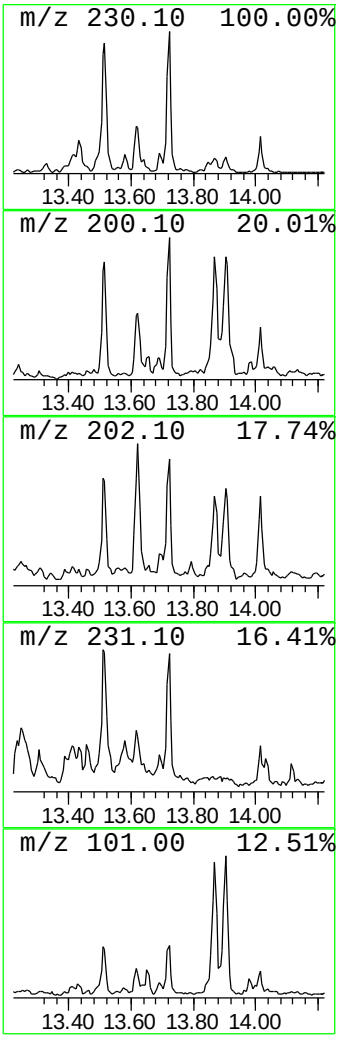
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.16 ng	463870	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	53





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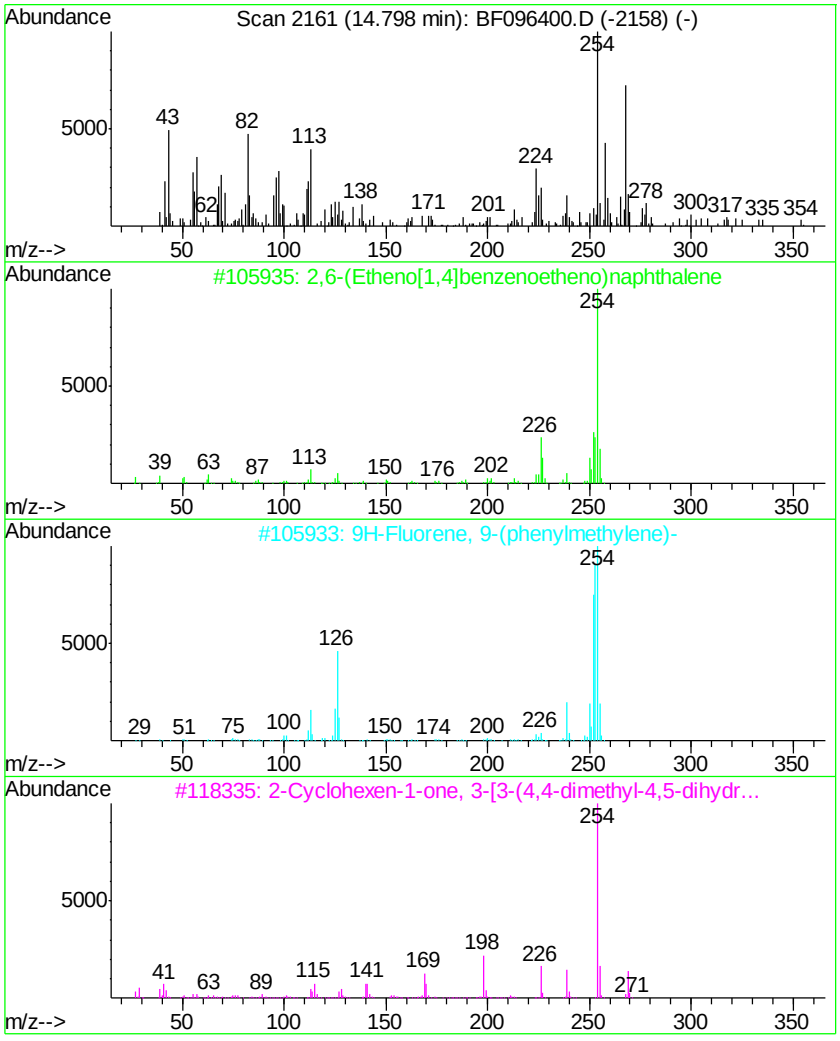
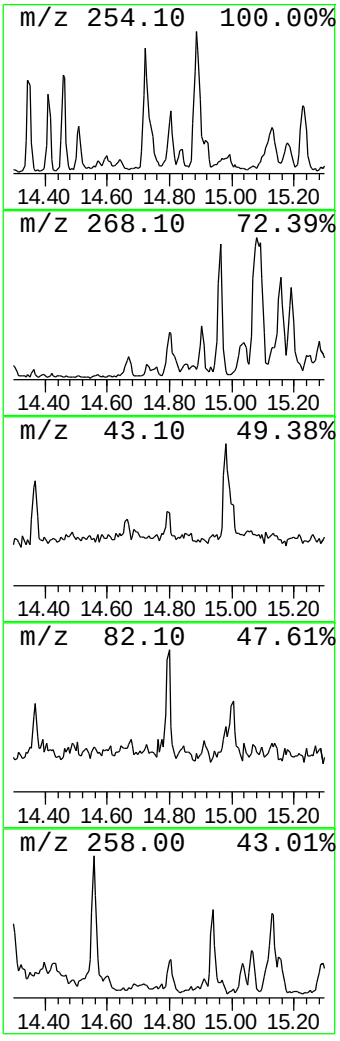
Peak Number 17 unknown14.80 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.78 ng	112683	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	32
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	27
3	2-Cyclohexen-1-one, 3-[3-(4,4-di...	269	C17H19NO2	1000197-92-1	22
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	22
5	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	18





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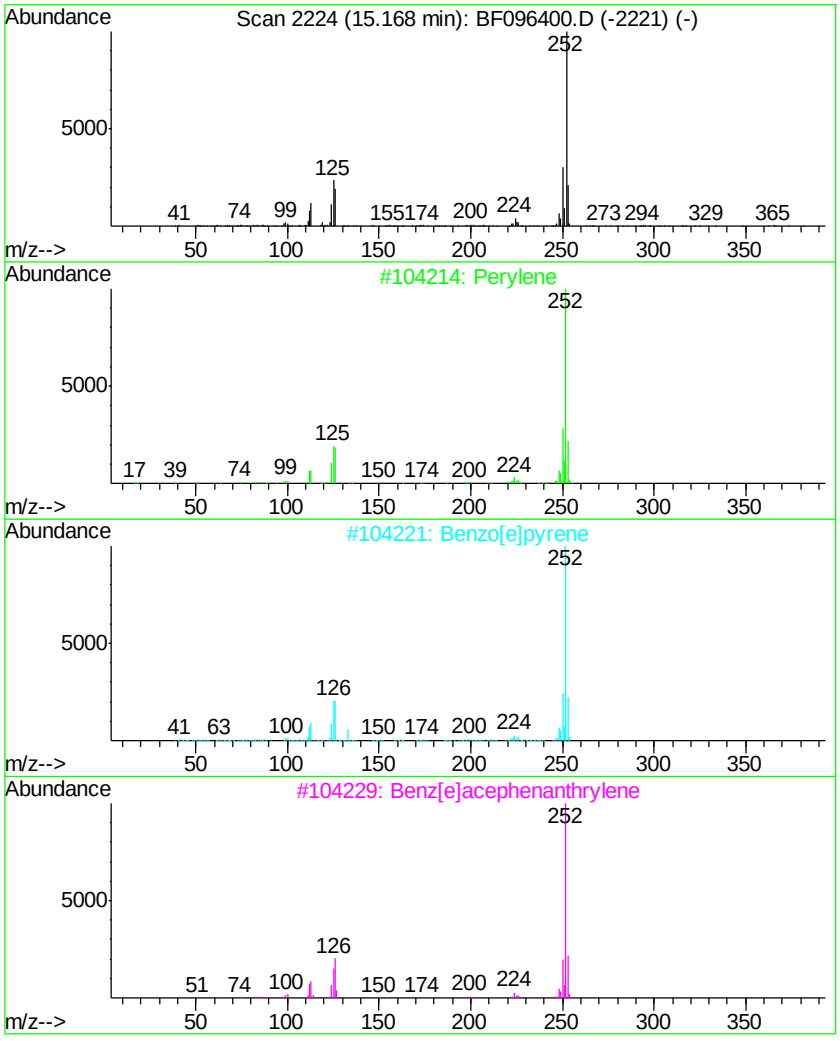
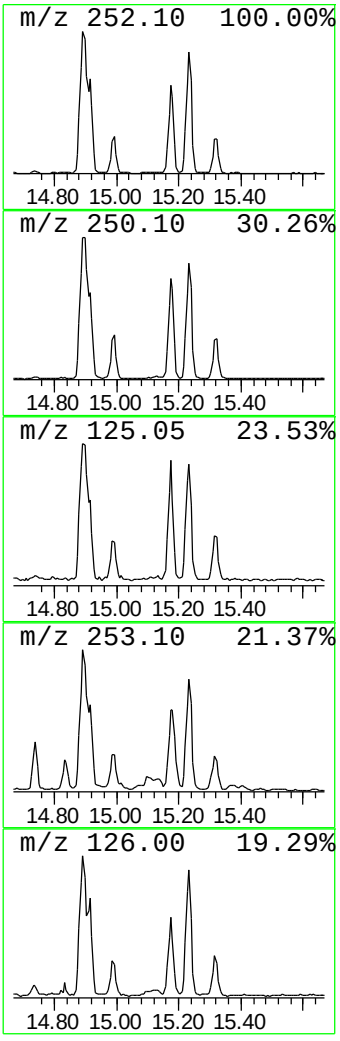
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	34.83 ng	821160	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096400.D
Acq On : 2 Jul 2017 1:12
Operator : SJ/MA
Sample : I3982-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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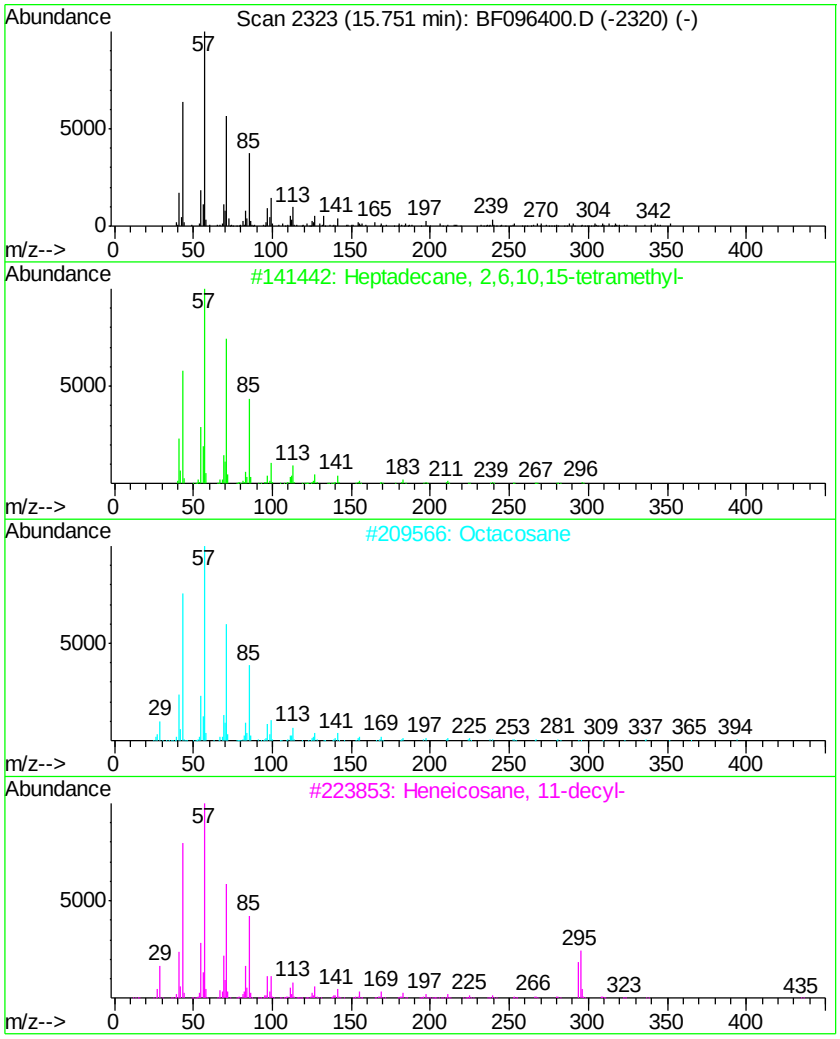
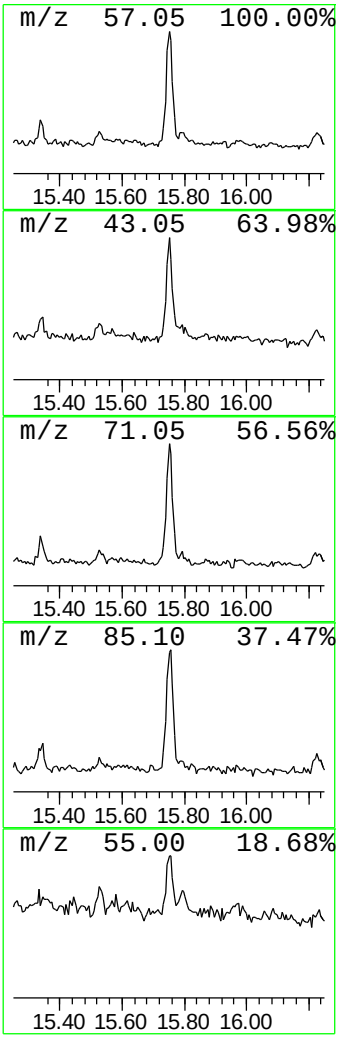
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	8.78 ng	207048	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4	Behenyl chloride	344	C22H45Cl	042217-03-8	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096400.D
Acq On : 2 Jul 2017 1:12
Operator : SJ/MA
Sample : I3982-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 339-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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...	4.92	5.5	ng	229720	1	6.73	830644	20.0
unknown6.50	6.50	33.2	ng	1379280	1	6.73	830644	20.0
Dodecane	10.68	3.7	ng	133244	4	11.25	727099	20.0
9H-Fluoren-9-one	11.05	3.3	ng	118613	4	11.25	727099	20.0
Anthracene, 2-met...	11.75	6.3	ng	227734	4	11.25	727099	20.0
Anthracene, 1-met...	11.77	9.5	ng	346133	4	11.25	727099	20.0
Phenanthrene, 2-m...	11.82	4.7	ng	171448	4	11.25	727099	20.0
4H-Cyclopenta[def...	11.86	12.4	ng	452242	4	11.25	727099	20.0
3,4-Methylenediox...	11.88	3.7	ng	135106	4	11.25	727099	20.0
Naphthalene, 2-ph...	12.04	5.2	ng	188443	4	11.25	727099	20.0
9,10-Anthracenedione	12.06	4.4	ng	159594	4	11.25	727099	20.0
Phenanthrene, 2,5...	12.30	5.5	ng	199835	4	11.25	727099	20.0
Cyclopenta(def)ph...	12.37	6.2	ng	225507	4	11.25	727099	20.0
Pyrene, 1-methyl-	12.90	3.0	ng	434150	5	13.88	2935100	20.0
11H-Benzo[a]fluor...	13.72	3.2	ng	463870	5	13.88	2935100	20.0
unknown14.80	14.80	4.8	ng	112683	6	15.29	471568	20.0
Perylene	15.17	34.8	ng	821160	6	15.29	471568	20.0
Heptadecane, 2,6,...	15.75	8.8	ng	207048	6	15.29	471568	20.0