LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096850.D
Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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	3.463	241	251	258	rBV	34911	65575	2.37%	0.144%
2	4.228	376	381	386	rBV	106020	129573	4.69%	0.284%
3	4.769	468	473	485	rBV	188773	288839	10.45%	0.634%
4	5.157	535	539	541	rBV	78521	92764	3.36%	0.204%
5	5.204	543	547	554	rVB	2438220	2602187	94.11%	5.709%
6	5.504	594	598	602	rBV	53099	51401	1.86%	0.113%
7	6.051	683	691	696	rBV3	33062	54422	1.97%	0.119%
8	6.122	699	703	705	rVV	61672	66826	2.42%	0.147%
9	6.140	705	706	713	rVB3	45603	62710	2.27%	0.138%
10	6.251	719	725	733	rBV	2392458	2764909	100.00%	6.066%
11	6.369	740	745	748	rBV	2649841	2555917	92.44%	5.608%
12	6.428	752	755	756	rBV	84703	70355	2.54%	0.154%
13	6.451	756	759	762	rVB	183085	167069	6.04%	0.367%
14	6.598	780	784	787	rBV	808929	739163	26.73%	1.622%
15	6.628	787	789	792	rVB2	67216	58381	2.11%	0.128%
16	6.751	806	810	814	rVB	1871949	1806596	65.34%	3.964%
17	6.881	829	832	836	rVB3	62805	77440	2.80%	0.170%
18	6.922	836	839	842	rBV	92903	89280	3.23%	0.196%
19	6.998	849	852	855	rBV3	52344	63264	2.29%	0.139%
20	7.034	855	858	862	rVB3	35836	48626	1.76%	0.107%
21	7.163	872	880	883	rBV	1620087	1617604	58.50%	3.549%
22	7.210	885	888	891	rVB	202472	188866	6.83%	0.414%
23	7.375	910	916	918	rVV2	45349	49464	1.79%	0.109%
24	7.404	918	921	926	rVB3	60713	74338	2.69%	0.163%
25	7.563	943	948	954	rVB6	37235	74116	2.68%	0.163%
26	7.622	954	958	961	rBV5	49747	76514	2.77%	0.168%
27	7.881	998	1002	1004	rBV	1148523	1110928	40.18%	2.437%
28	7.898	1004	1005	1009	rVV	495196	310962	11.25%	0.682%
29	7.963	1012	1016	1018	rVB2	60772	60935	2.20%	0.134%
30	8.239	1061	1063	1066	rBV3	53751	54671	1.98%	0.120%
31	8.322	1073	1077	1080	rBV	105998	95562	3.46%	0.210%
32	8.487	1102	1105	1109	rVB	169811	148602	5.37%	0.326%
33	8.592	1119	1123	1126	rVB	404661	346573	12.53%	0.760%
34	8.687	1136	1139	1142	rVB	195703	152065	5.50%	0.334%

LSC Area Percent Report

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Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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	8.957	1180	1185	1188	rBV	2793033	2576448	93.18%	5.653%
36	9.051	1194	1201	1206	rBV	316782	315386	11.41%	0.692%
37	9.098	1206	1209	1213	rVV5	39414	46065	1.67%	0.101%
38	9.145	1215	1217	1222	rVB	39888	53788	1.95%	0.118%
39	9.216	1225	1229	1235	rVB2	140221	199171	7.20%	0.437%
40	9.287	1239	1241	1244	rVV	133315	136479	4.94%	0.299%
41	9.316	1244	1246	1248	rVV	120236	93067	3.37%	0.204%
42	9.351	1248	1252	1254	rVV	381863	334008	12.08%	0.733%
43	9.369	1254	1255	1257	rVV	62678	46370	1.68%	0.102%
44	9.404	1257	1261	1267	rVB2	82832	100952	3.65%	0.221%
45	9.486	1271	1275	1279	rBV	285413	257820	9.32%	0.566%
46	9.539	1282	1284	1288	rVB3	62355	66345	2.40%	0.146%
47	9.581	1288	1291	1294	rVB	179995	145640	5.27%	0.320%
48	9.628	1294	1299	1302	rBV	1057913	1005264	36.36%	2.206%
49	9.657	1302	1304	1308	rVB3	134319	132465	4.79%	0.291%
50	9.734	1314	1317	1322	rBV	46731	66749	2.41%	0.146%
51	9.828	1330	1333	1337	rVB	328760	280203	10.13%	0.615%
52	9.869	1338	1340	1343	rVB	63172	52988	1.92%	0.116%
53	9.898	1343	1345	1349	rBV3	62140	71892	2.60%	0.158%
54	9.945	1349	1353	1355	rBV2	63860	73742	2.67%	0.162%
55	9.969	1355	1357	1360	rVB2	65591	61601	2.23%	0.135%
56	10.034	1364	1368	1373	rBV5	103014	137922	4.99%	0.303%
57	10.075	1373	1375	1379	rBV	170084	147739	5.34%	0.324%
58	10.169	1388	1391	1394	rBV	597910	494942	17.90%	1.086%
59	10.298	1409	1413	1415	rVV2	69031	74700	2.70%	0.164%
60	10.328	1415	1418	1421	rVV	110993	100167	3.62%	0.220%
61	10.410	1424	1432	1436	rBV	1352727	1501131	54.29%	3.293%
62	10.545	1452	1455	1462	rBV3	188676	271839	9.83%	0.596%
63	10.716	1482	1484	1487	rVB2	82695	64514	2.33%	0.142%
64	10.745	1487	1489	1492	rVB3	54720	49801	1.80%	0.109%
65	10.910	1515	1517	1522	rVB3	94493	94749	3.43%	0.208%
66	10.957	1523	1525	1528	rBV2	62398	65441	2.37%	0.144%
67	10.998	1529	1532	1535	rBV2	312784	281836	10.19%	0.618%
68	11.104	1546	1550	1552	rBV	684715	762828	27.59%	1.674%
69	11.133	1552	1555	1558	rVV	2637234	2392994	86.55%	5.250%
70	11.180	1558	1563	1566	rVB	1001229	869904	31.46%	1.909%
71	11.210	1566	1568	1572	rBV3	102816	109969	3.98%	0.241%

LSC Area Percent Report

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Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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

72	11.333	1586	1589	1593	rVB	299532	228338	8.26%	0.501%
73	11.398	1598	1600	1602	rBV	59754	52096	1.88%	0.114%
74	11.604	1632	1635	1637	rBV	259670	222591	8.05%	0.488%
75	11.633	1637	1640	1642	rVV	352690	287788	10.41%	0.631%
76	11.680	1645	1648	1650	rVB	137115	122162	4.42%	0.268%
77	11.716	1650	1654	1656	rBV	570816	584546	21.14%	1.282%
78	11.898	1682	1685	1687	rBV	238916	190895	6.90%	0.419%
79	12.151	1726	1728	1731	rBV	116136	126780	4.59%	0.278%
80	12.210	1736	1738	1740	rVB	109067	83067	3.00%	0.182%
81	12.316	1751	1756	1759	rVB	2281308	2447498	88.52%	5.370%
82	12.357	1761	1763	1768	rBV2	83030	113355	4.10%	0.249%
83	12.404	1768	1771	1774	rBV	202319	177627	6.42%	0.390%
84	12.457	1778	1780	1782	rVB	105475	77393	2.80%	0.170%
85	12.539	1789	1794	1797	rBV2	1759382	1999611	72.32%	4.387%
86	12.657	1812	1814	1816	rBV	132995	102973	3.72%	0.226%
87	12.686	1816	1819	1826	rVB	1522839	1474452	53.33%	3.235%
88	12.869	1847	1850	1853	rVB	359871	348332	12.60%	0.764%
89	12.933	1858	1861	1863	rVV	399000	335519	12.13%	0.736%
90	12.969	1864	1867	1871	rVV2	162071	161652	5.85%	0.355%
91	13.480	1951	1954	1956	rBV	158722	156845	5.67%	0.344%
92	13.727	1991	1996	1999	rBV2	1116143	1546548	55.93%	3.393%
93	13.757	1999	2001	2004	rVB	838348	669043	24.20%	1.468%
94	14.733	2163	2167	2174	rVB	685894	1314298	47.53%	2.884%
95	14.998	2208	2212	2217	rVB	414487	510221	18.45%	1.119%
96	15.051	2217	2221	2226	rBV	589386	718980	26.00%	1.577%
97	15.104	2227	2230	2233	rBV	335095	388802	14.06%	0.853%
98	16.104	2396	2400	2414	rVB3	227500	461703	16.70%	1.013%
99	16.392	2445	2449	2456	rVB2	339729	563149	20.37%	1.236%
100	16.780	2510	2515	2519	rBV	199847	359750	13.01%	0.789%

Sum of corrected areas: 45579430

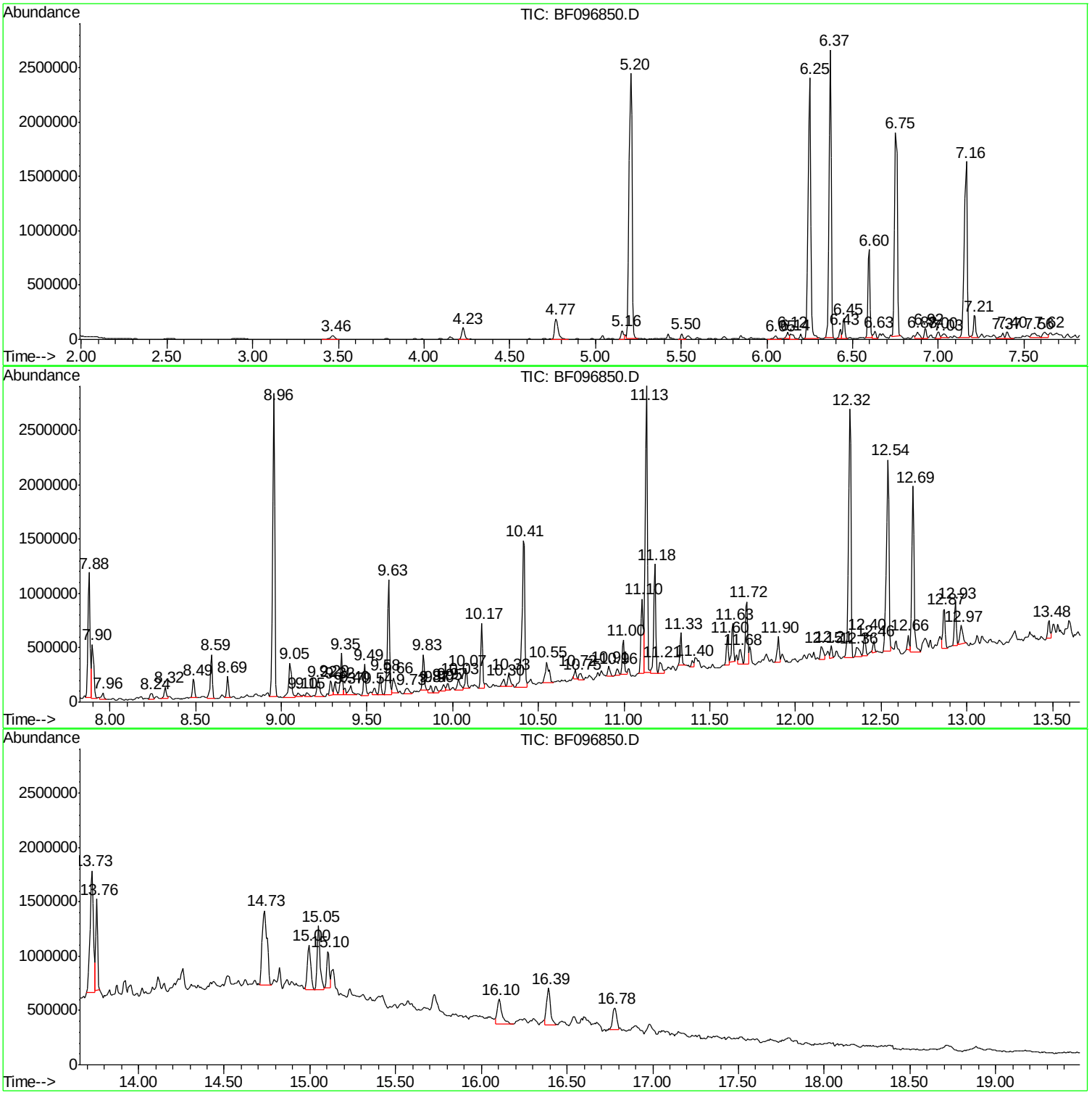
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096850.D
Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

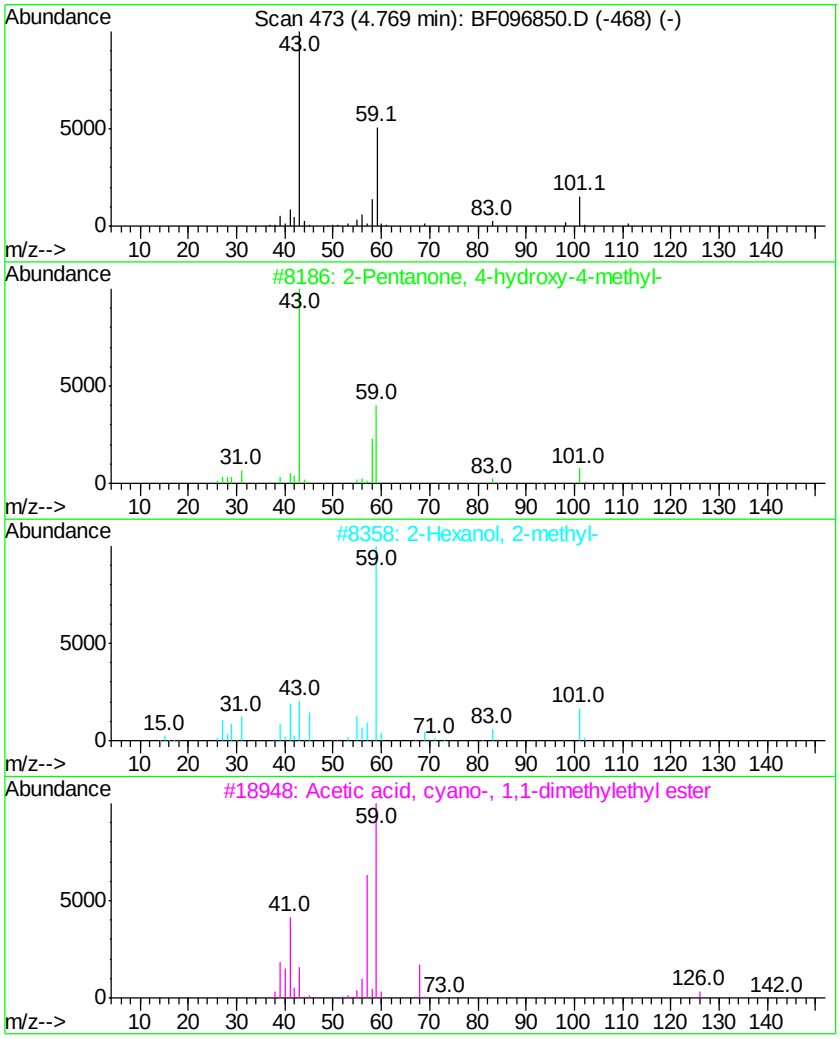
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

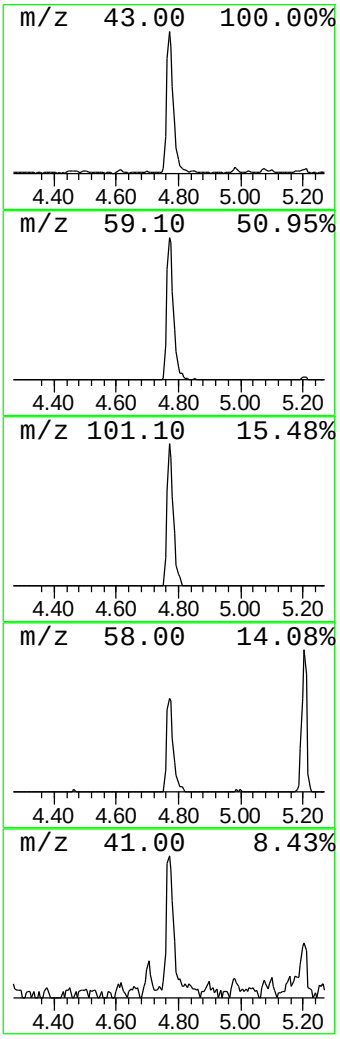
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	7.82 ng	288839	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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Operator : SJ/JU
Sample : I4248-01
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Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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

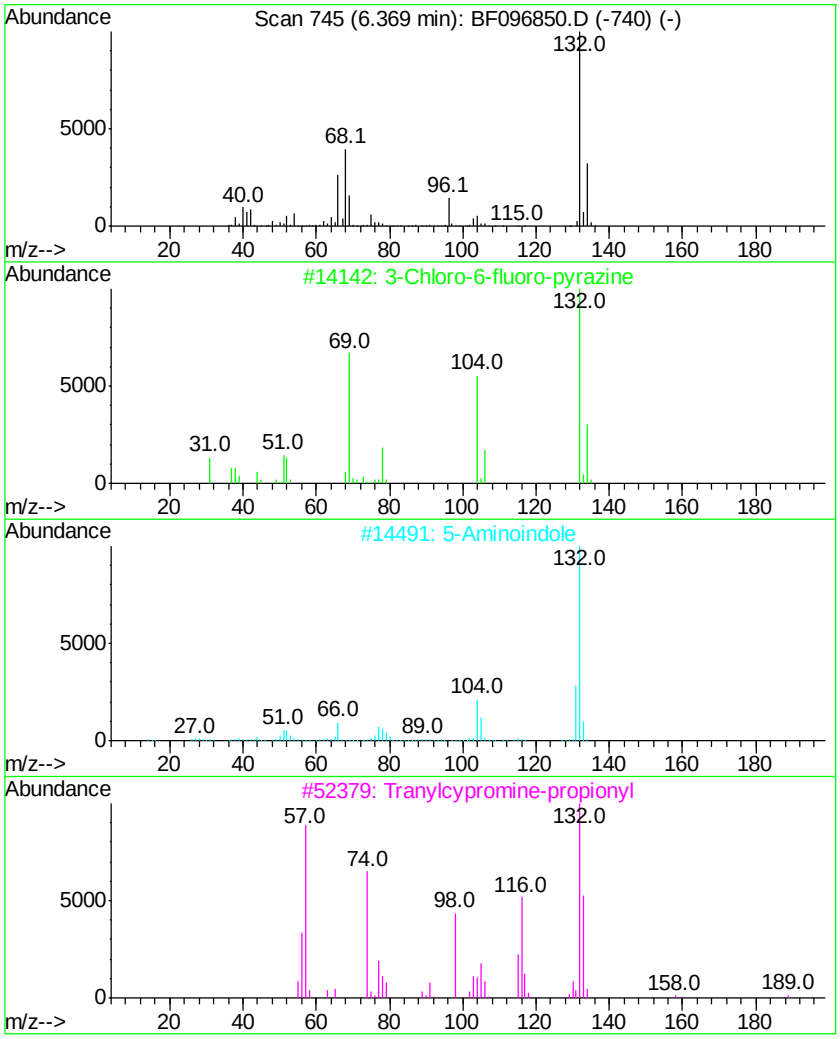
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

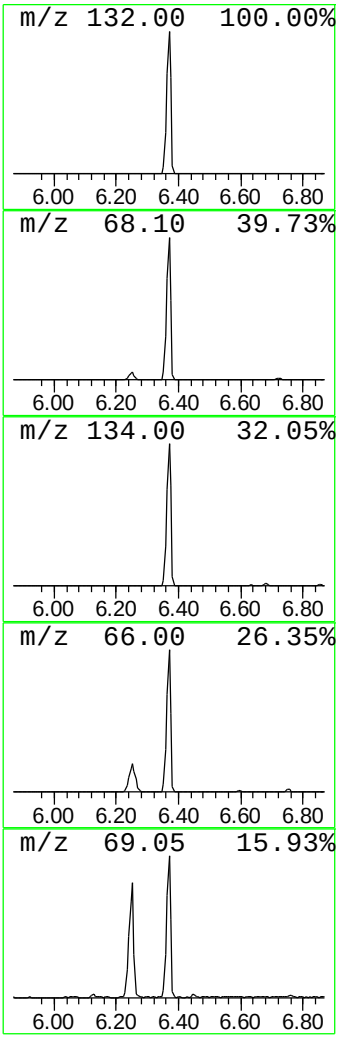
****

Peak Number 3 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	69.16 ng	2555920	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	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





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

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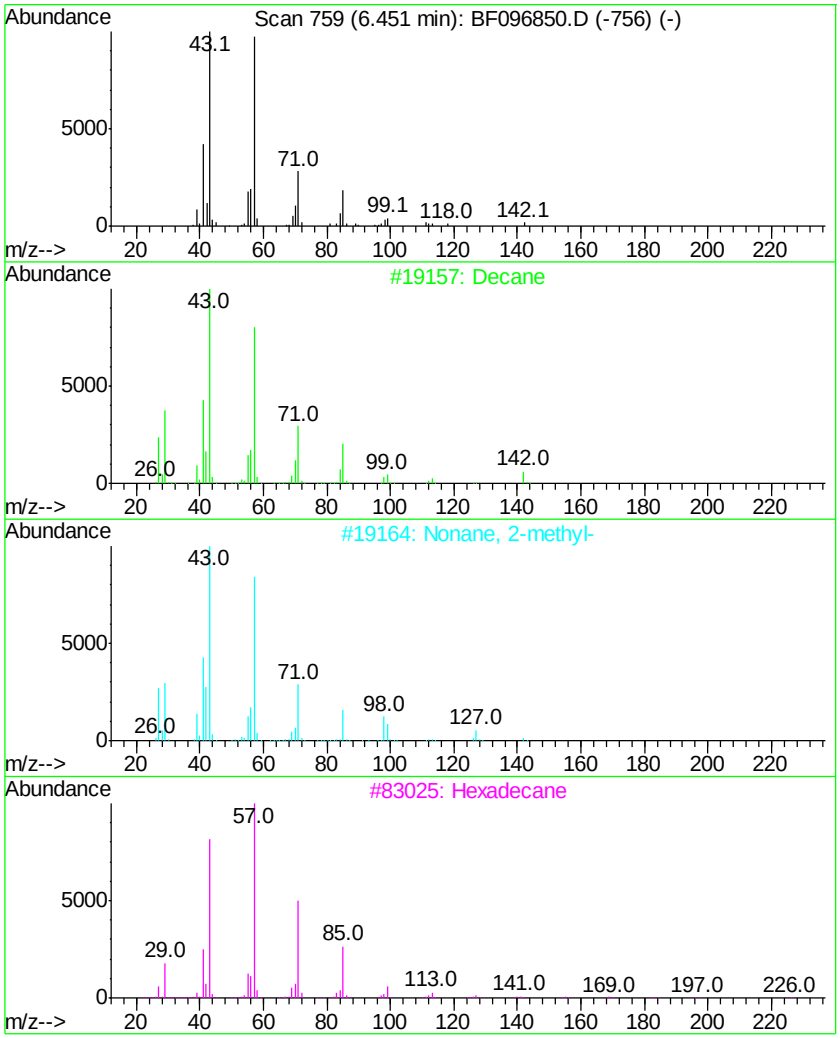
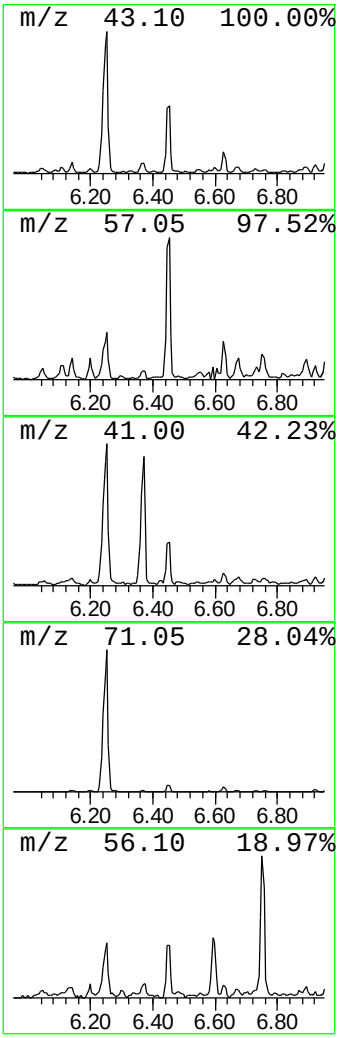
Peak Number 4 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	4.52 ng	167069	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonane	128	C9H20	000111-84-2	64
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





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Sample : I4248-01
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Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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

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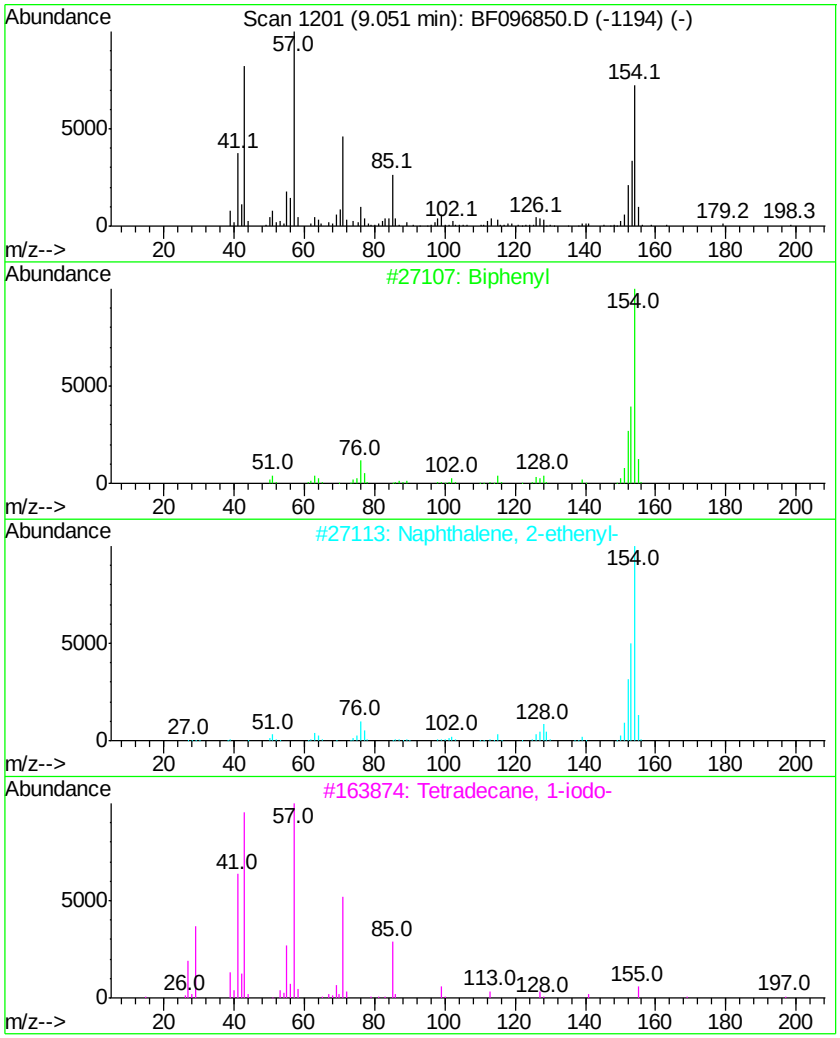
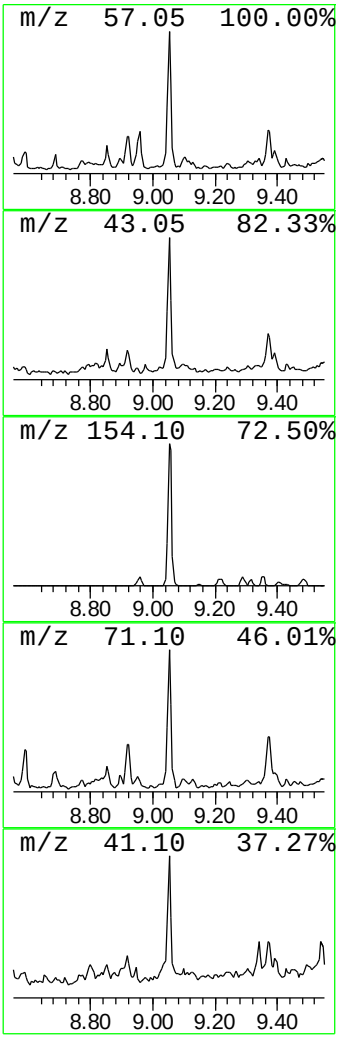
Peak Number 6 Biphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	6.27 ng	315386	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	86
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	42
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096850.D
Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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

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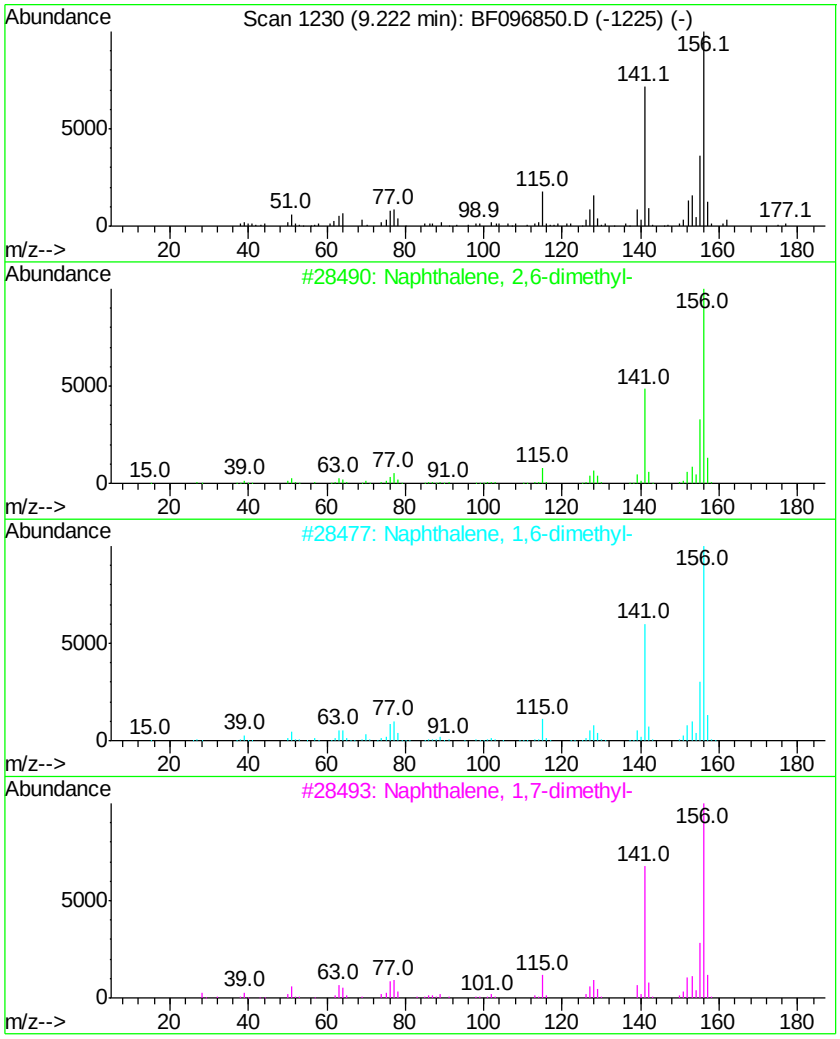
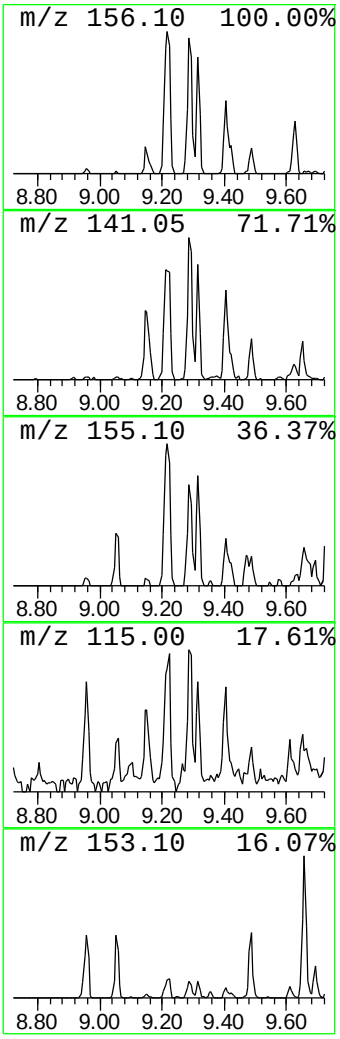
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.96 ng	199171	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Operator : SJ/JU
Sample : I4248-01
Misc :
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ClientSampleId : TP-3-COMP-(0-8)

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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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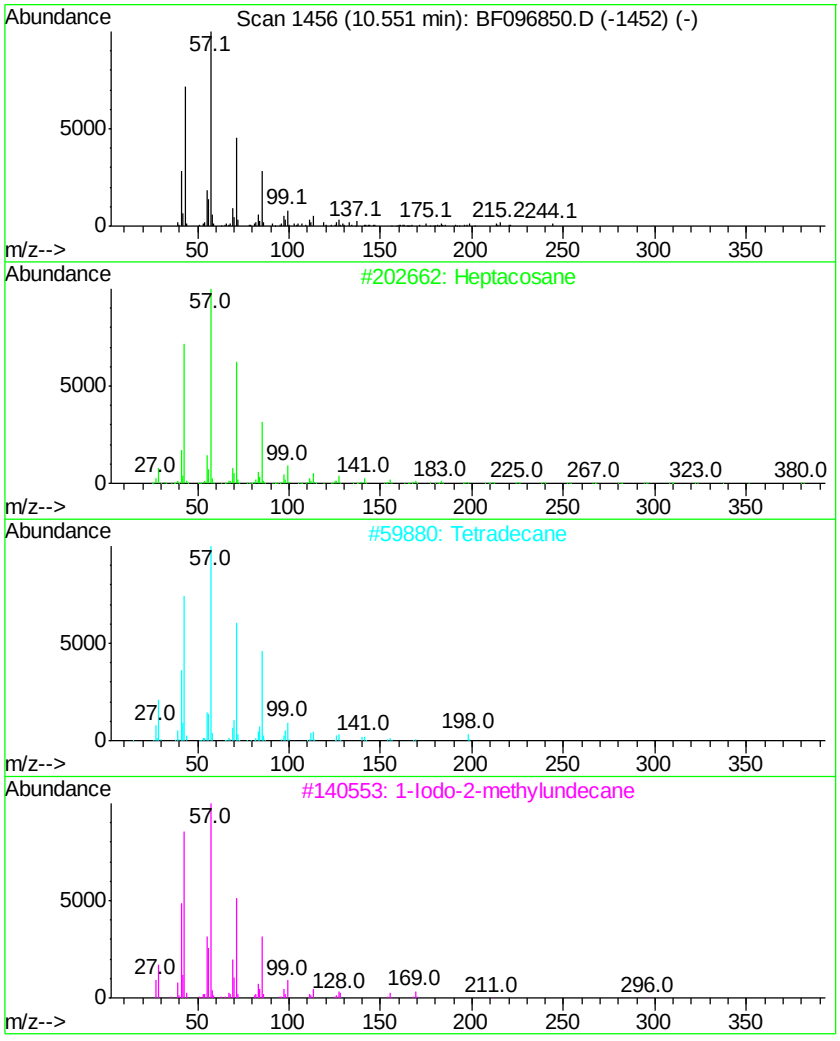
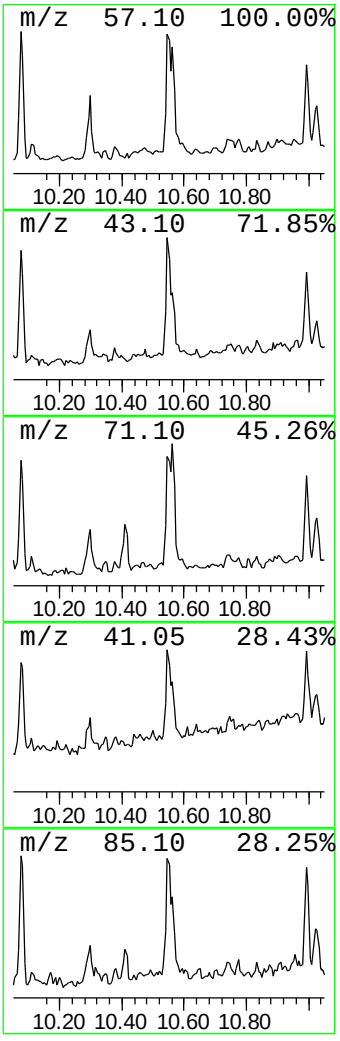
Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	7.13 ng	271839	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	68
2	Tetradecane	198	C14H30	000629-59-4	64
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59





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

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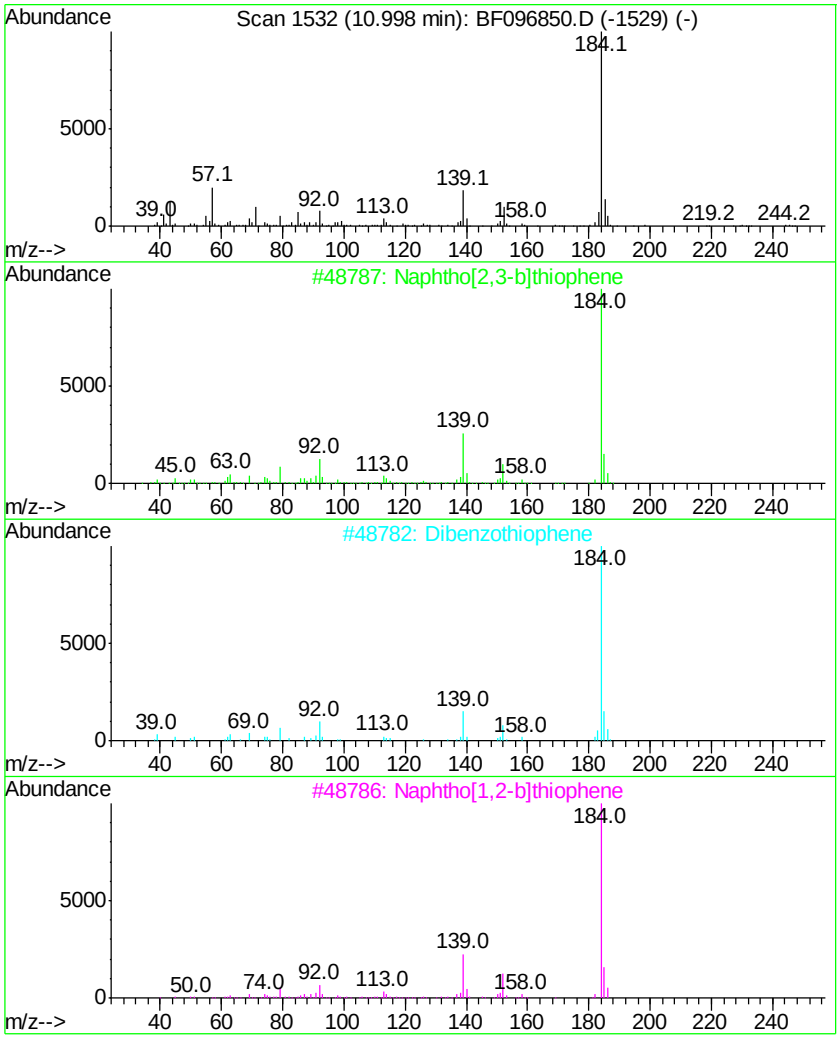
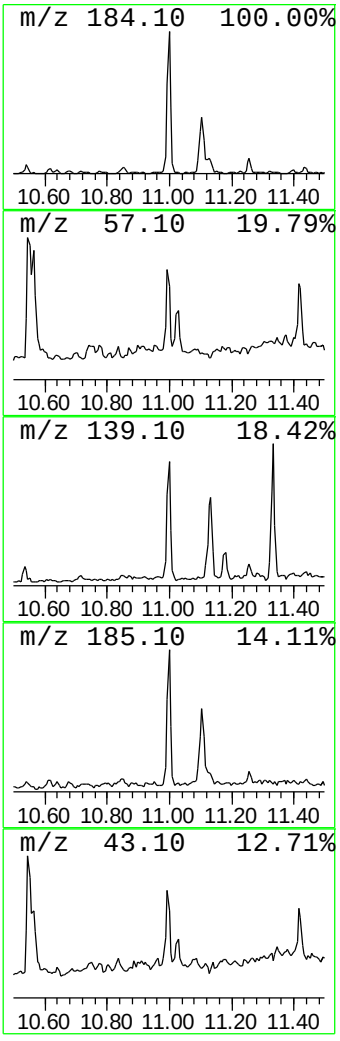
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	7.39 ng	281836	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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

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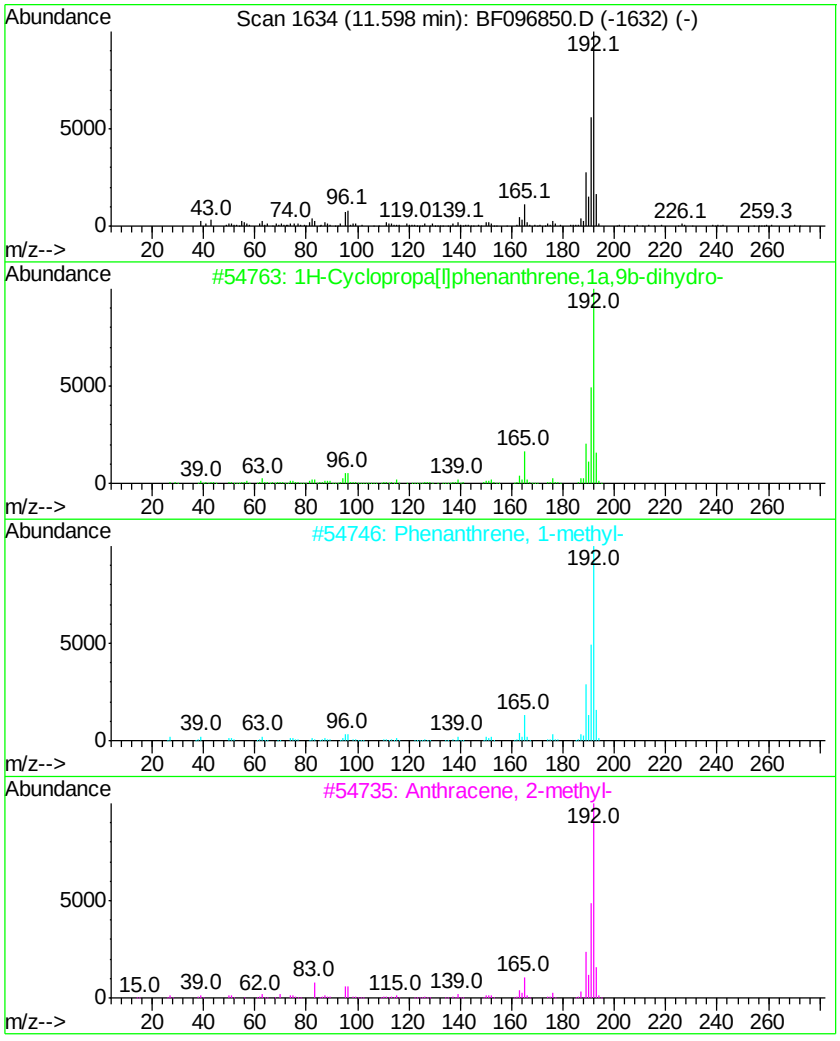
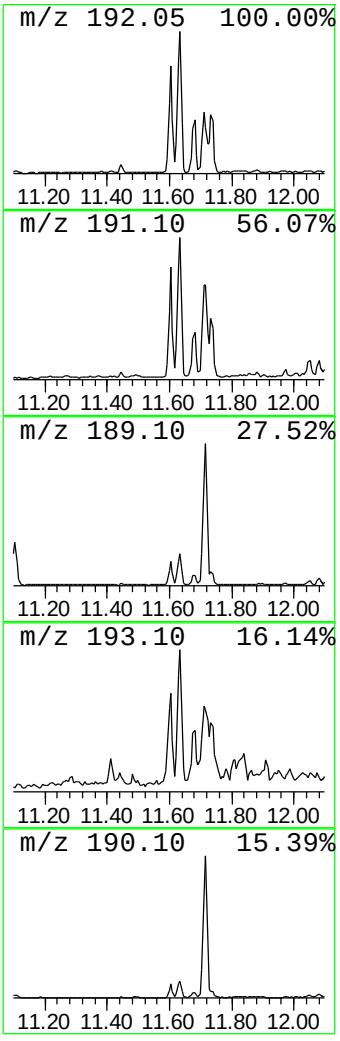
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	5.84 ng	222591	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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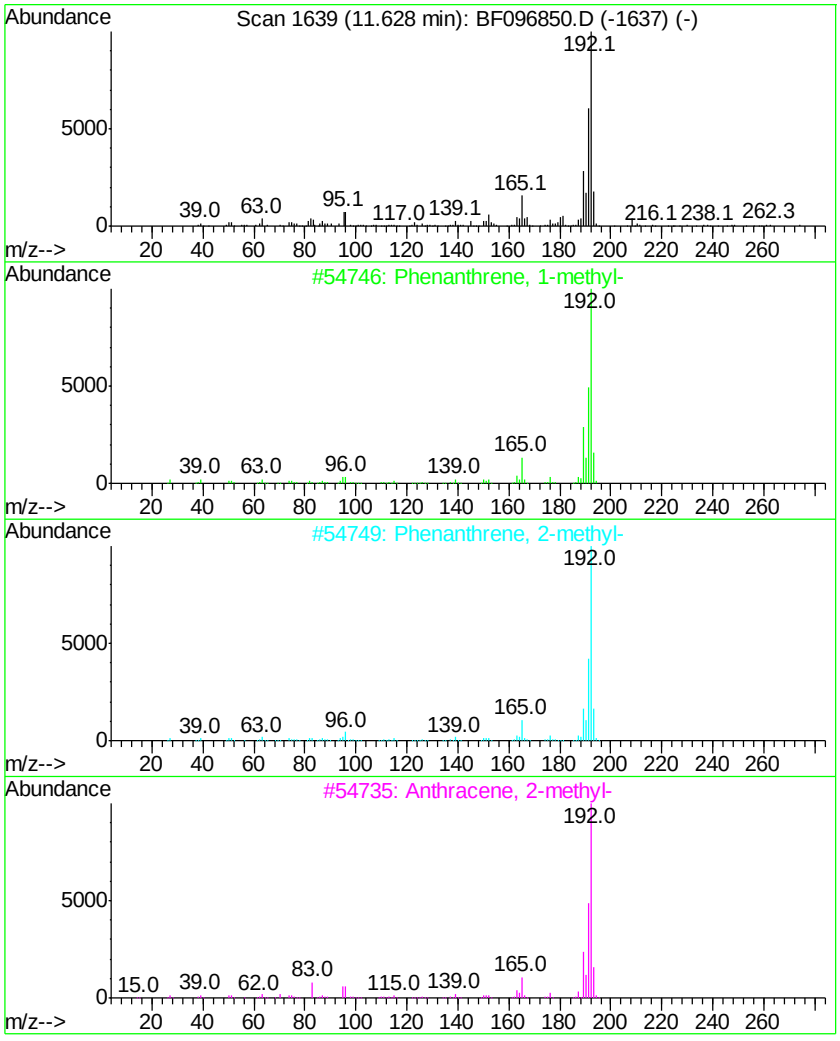
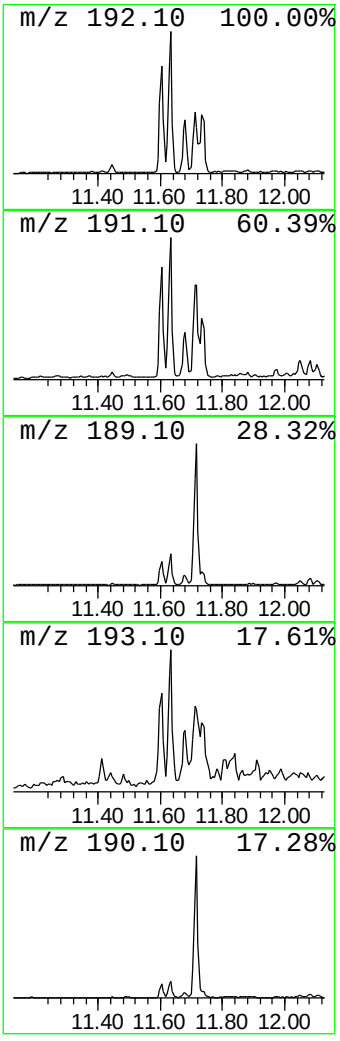
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	7.55 ng	287788	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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TIC Integration Parameters: LSCINT.P

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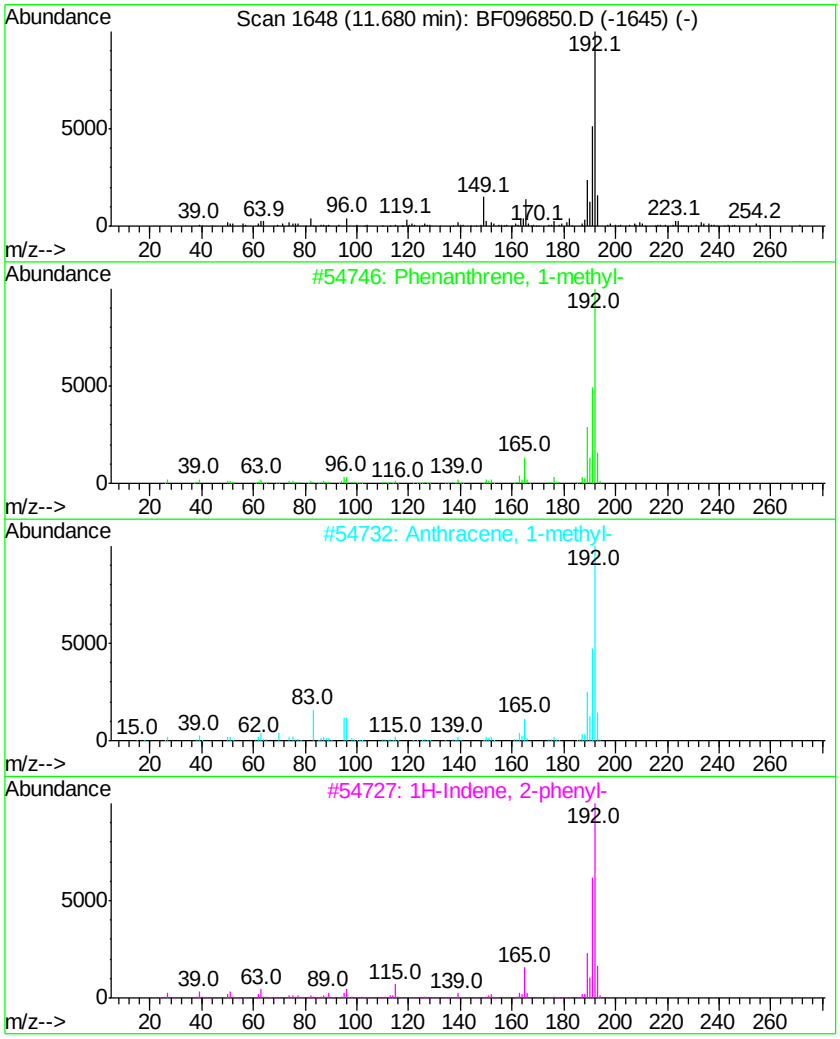
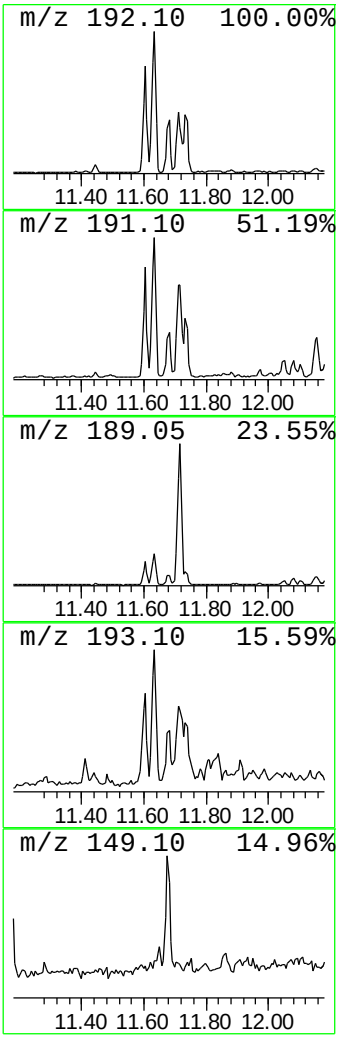
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	3.20 ng	122162	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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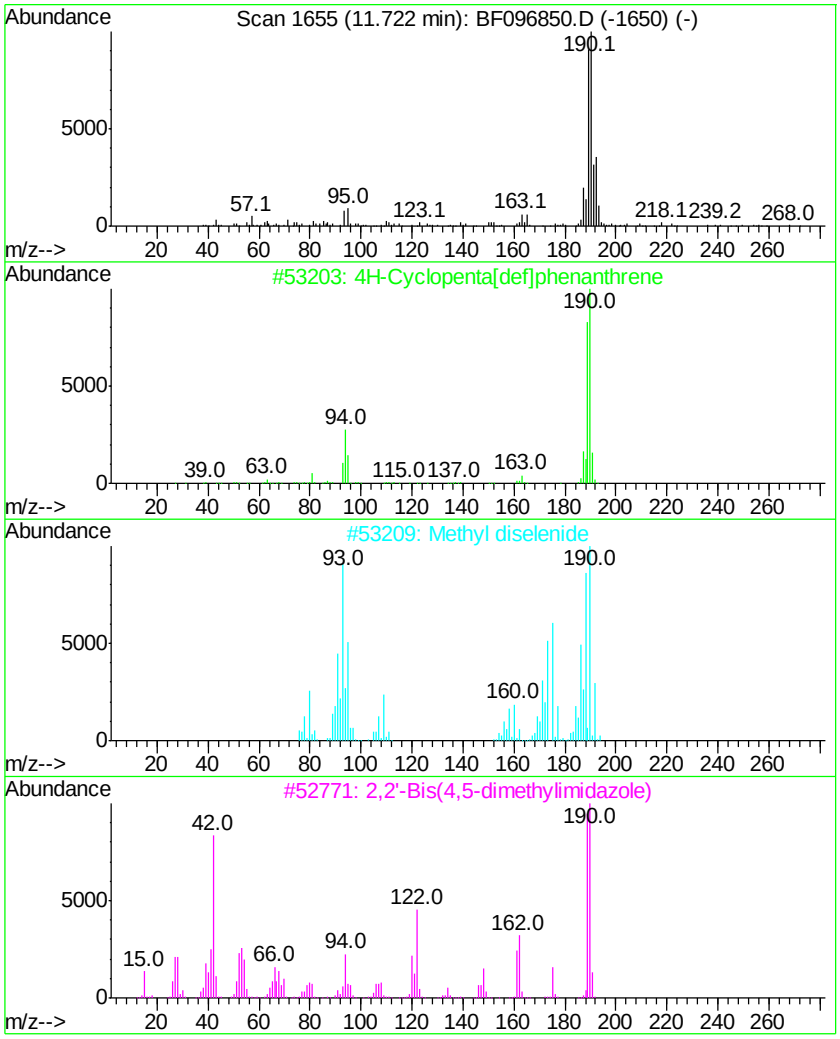
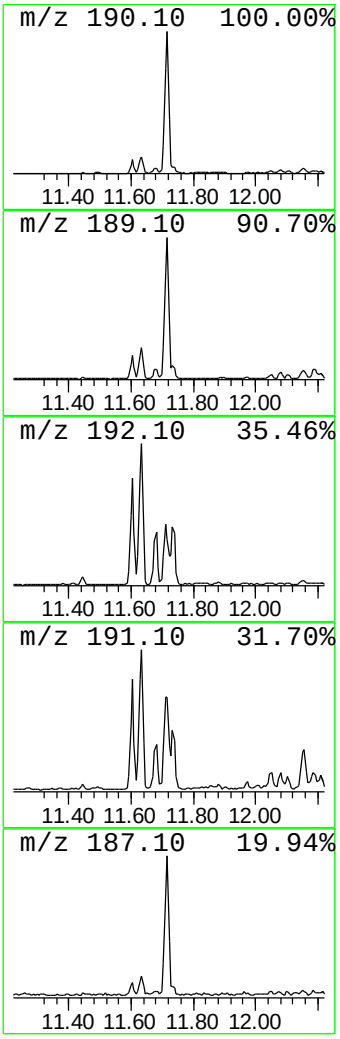
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	15.33 ng	584546	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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ClientSampleId : TP-3-COMP-(0-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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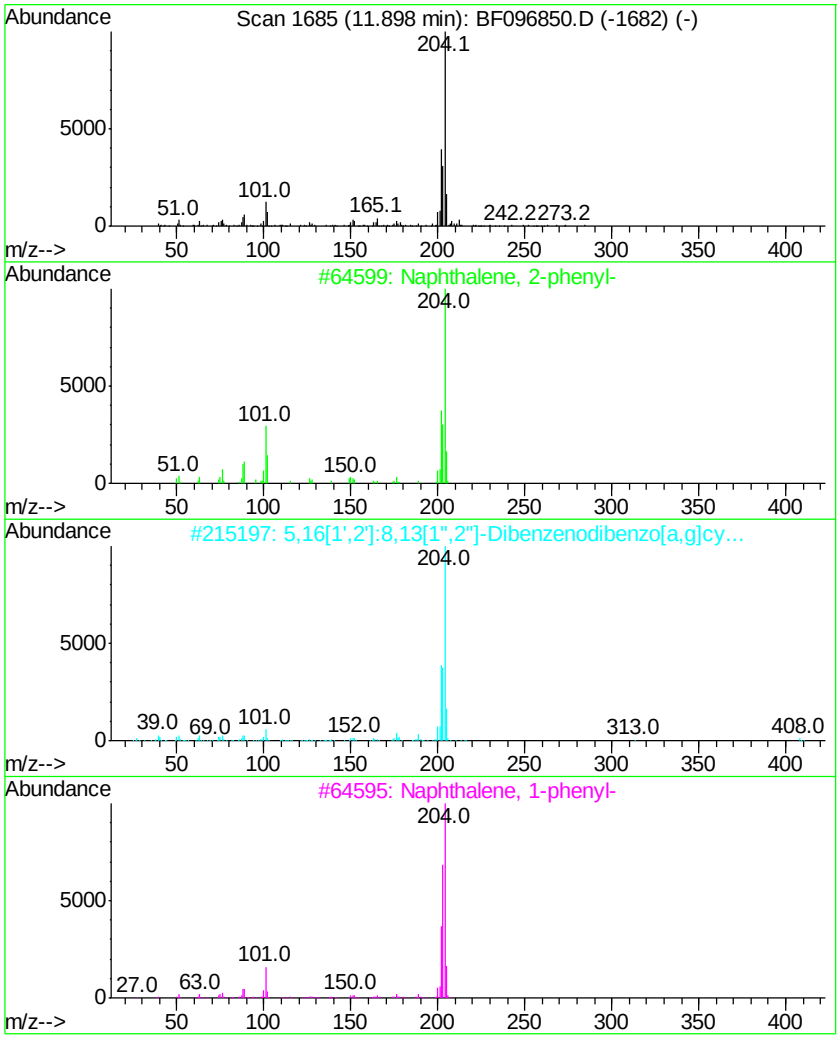
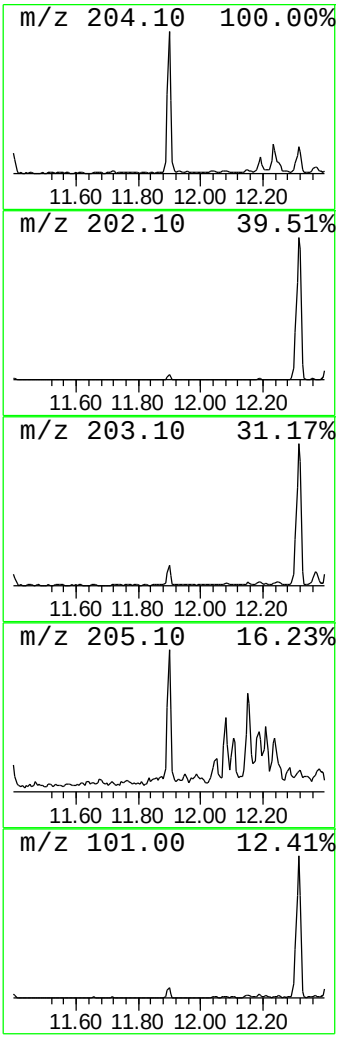
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.00 ng	190895	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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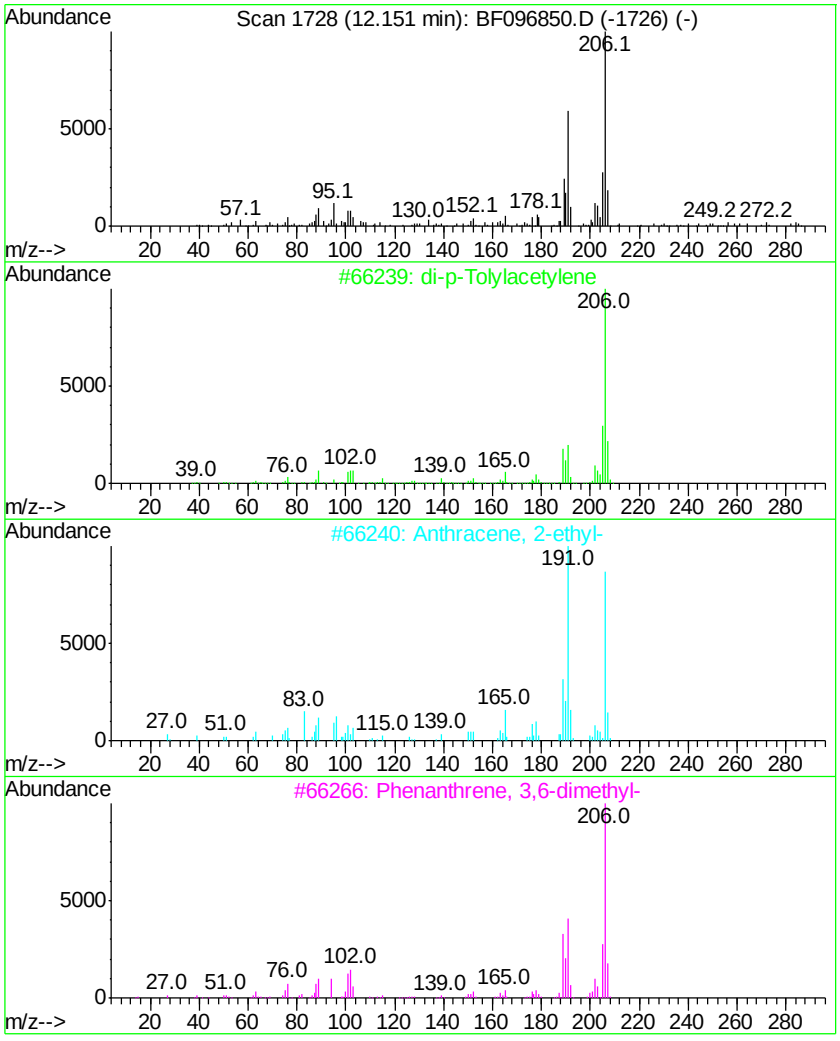
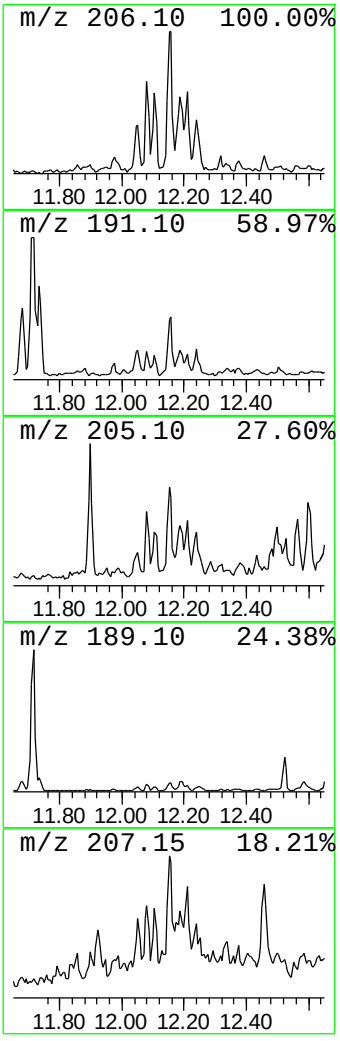
Peak Number 15 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.32 ng	126780	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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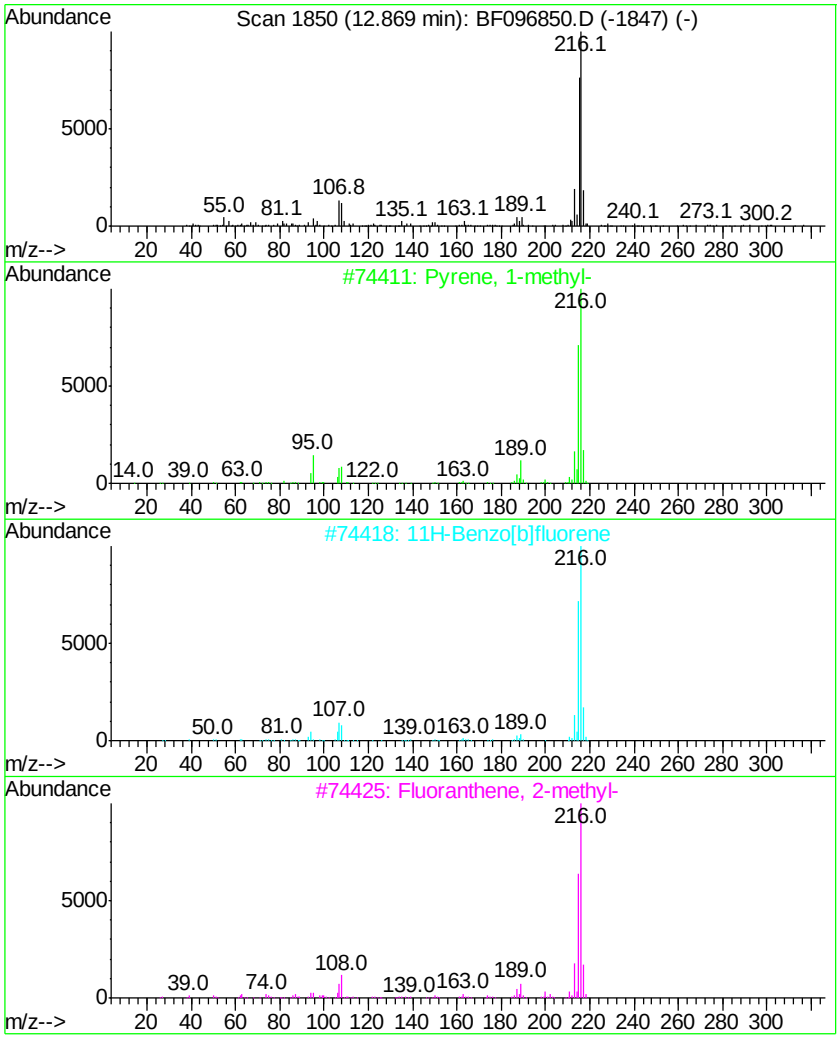
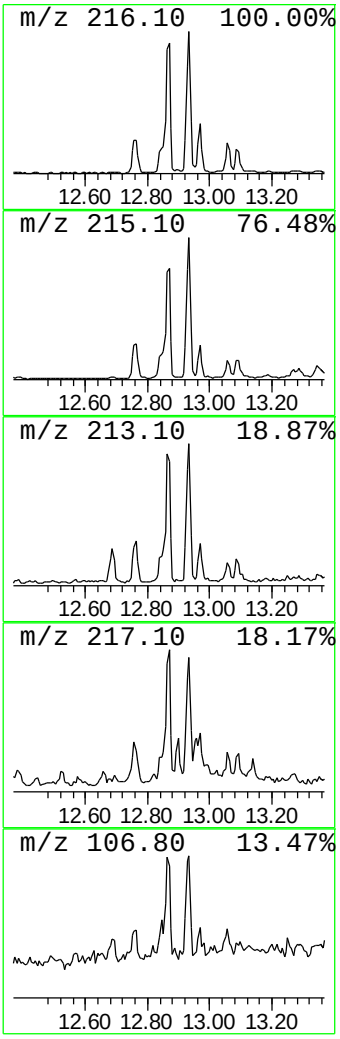
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.50 ng	348332	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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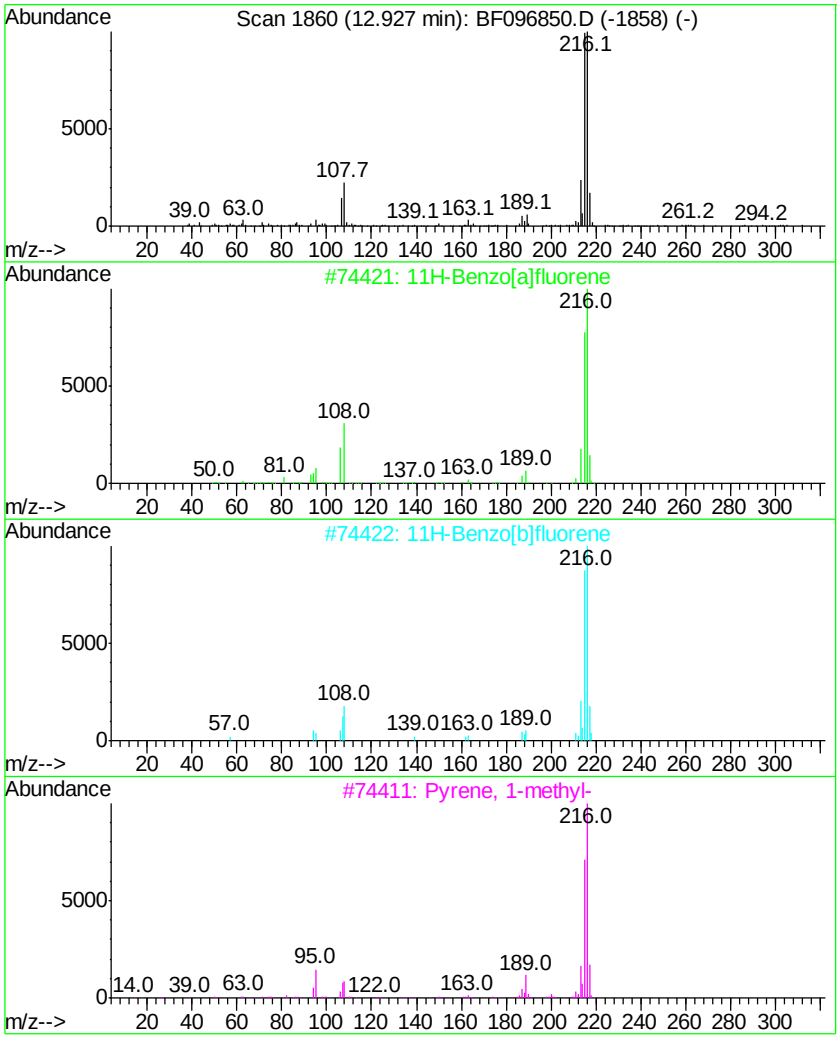
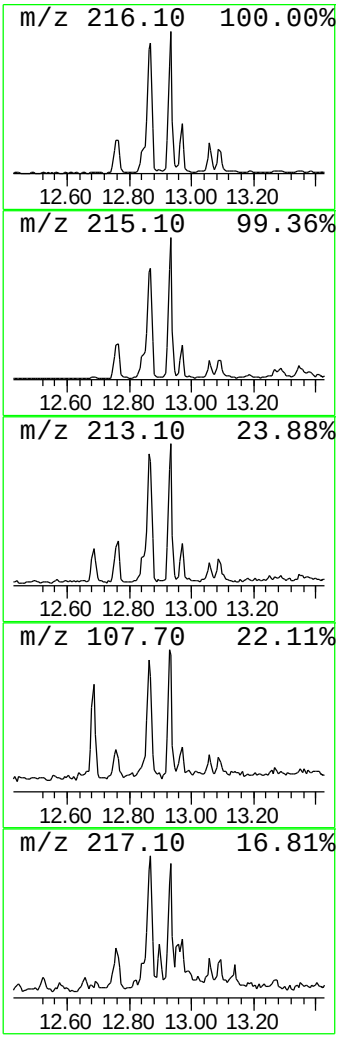
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.34 ng	335519	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	6,6'-Dimethoxy-2,2'-bipyridile	216	C12H12N2O2	039858-88-3	59





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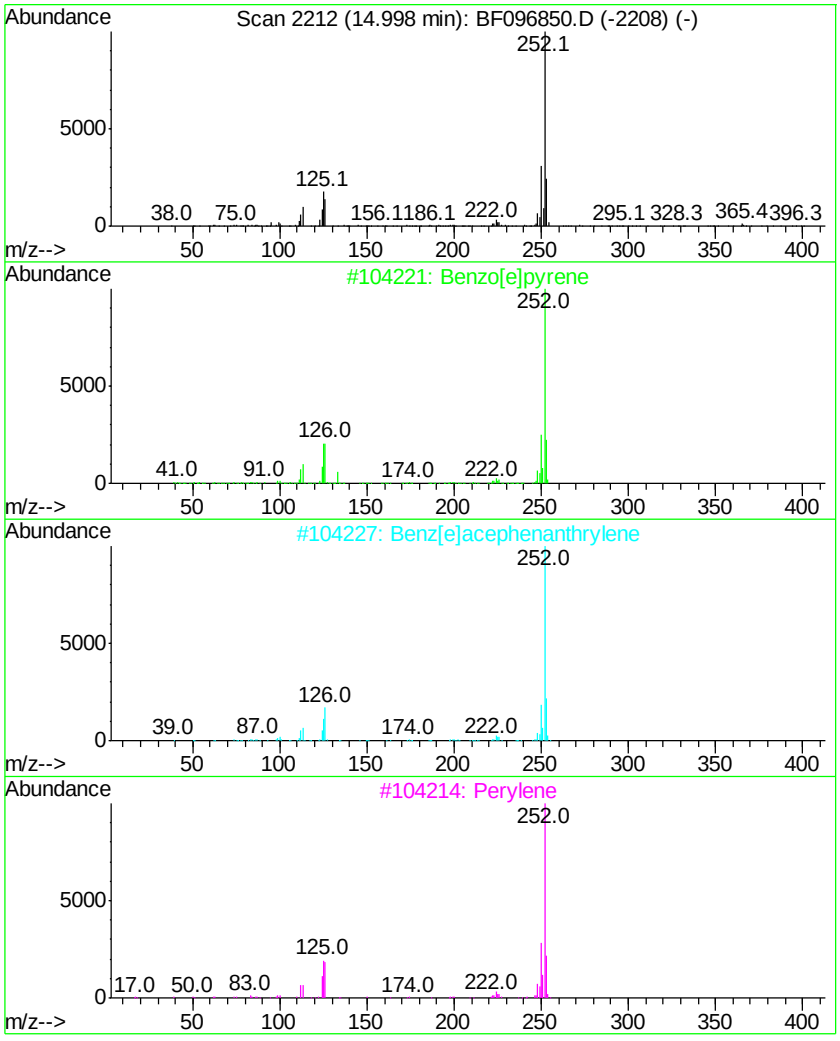
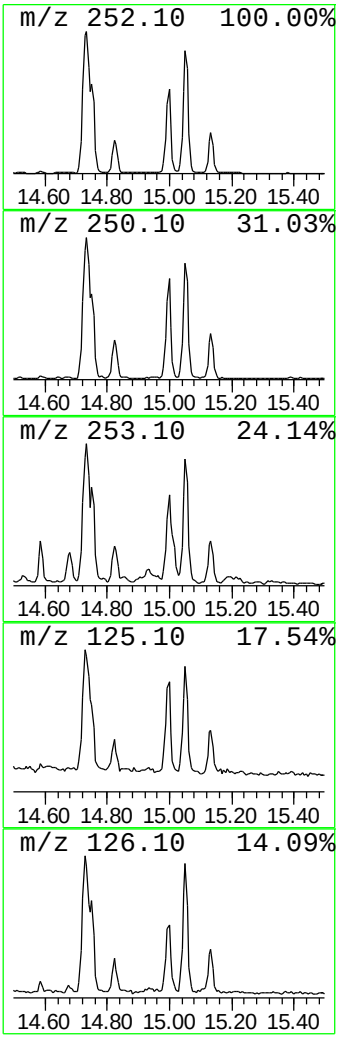
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	26.25 ng	510221	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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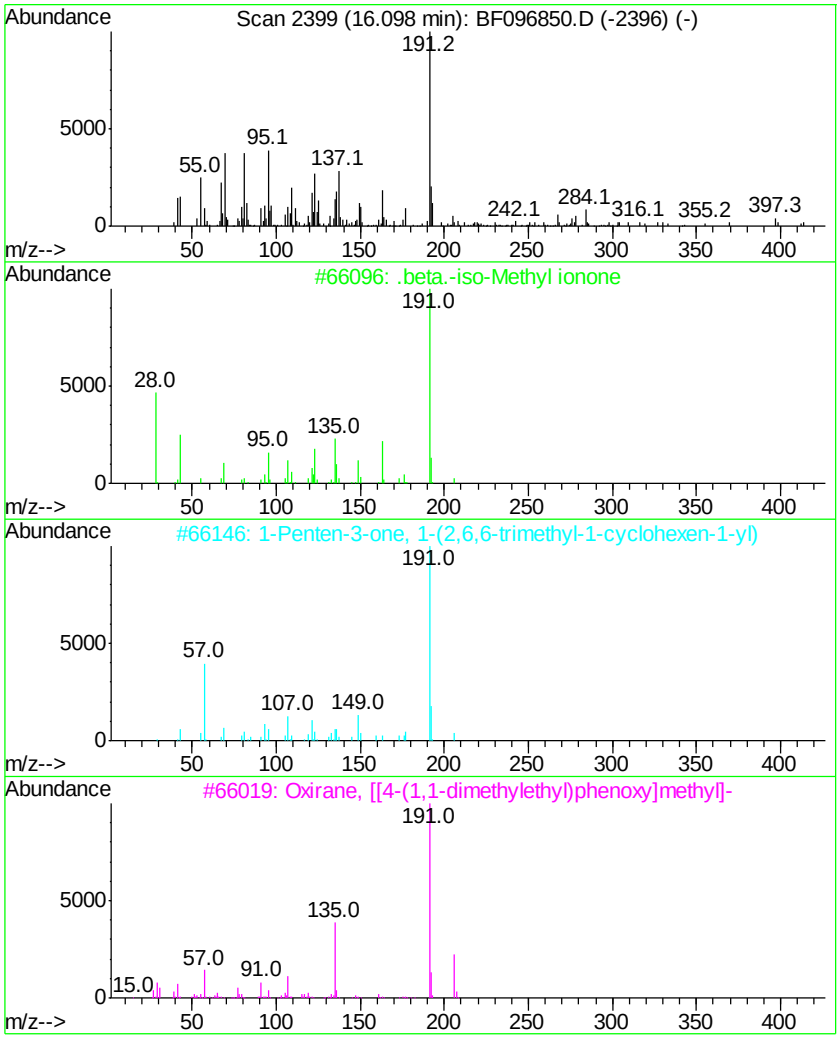
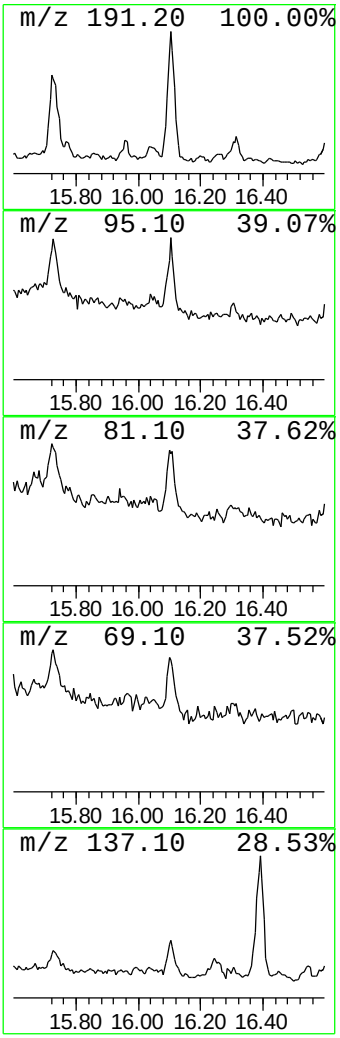
Peak Number 20 unknown16.10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	23.75 ng	461703	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
3	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	38
4	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	38
5	N-(4-Morpholin-4-yl-phenyl)-2-ni...	377	C17H19N3O5S	1000374-81-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096850.D
Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-COMP-(0-8)

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...	4.77	7.8	ng	288839	1	6.60	739163	20.0
unknown6.37	6.37	69.2	ng	2555920	1	6.60	739163	20.0
Decane	6.45	4.5	ng	167069	1	6.60	739163	20.0
Biphenyl	9.05	6.3	ng	315386	3	9.63	1005260	20.0
Naphthalene, 2,6-...	9.22	4.0	ng	199171	3	9.63	1005260	20.0
Heptacosane	10.55	7.1	ng	271839	4	11.10	762828	20.0
Naphtho[2,3-b]thi...	11.00	7.4	ng	281836	4	11.10	762828	20.0
1H-Cyclopropa[l]p...	11.60	5.8	ng	222591	4	11.10	762828	20.0
Phenanthrene, 1-m...	11.63	7.5	ng	287788	4	11.10	762828	20.0
Anthracene, 1-met...	11.68	3.2	ng	122162	4	11.10	762828	20.0
4H-Cyclopenta[def...	11.72	15.3	ng	584546	4	11.10	762828	20.0
Naphthalene, 2-ph...	11.90	5.0	ng	190895	4	11.10	762828	20.0
di-p-Tolylacetylene	12.15	3.3	ng	126780	4	11.10	762828	20.0
Pyrene, 1-methyl-	12.87	4.5	ng	348332	5	13.73	1546550	20.0
11H-Benzo[a]fluorene	12.93	4.3	ng	335519	5	13.73	1546550	20.0
Benzo[e]pyrene	15.00	26.3	ng	510221	6	15.10	388802	20.0
unknown16.10	16.10	23.8	ng	461703	6	15.10	388802	20.0