LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099825.D
Acq On : 25 Oct 2017 20:47
Operator : SJ/JU
Sample : I6068-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

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-BF102317.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	4.993	491	494	505	rBV	34171	49344	4.22%	0.317%
2	5.410	562	565	589	rBV	287581	367926	31.49%	2.367%
3	6.434	736	739	758	rBV	330439	403074	34.50%	2.593%
4	6.563	758	761	773	rVB	481044	433755	37.13%	2.790%
5	6.793	797	800	811	rBB	509375	430634	36.86%	2.770%
6	6.945	823	826	841	rBB	366889	332012	28.42%	2.136%
7	7.363	894	897	911	rBV	228197	234347	20.06%	1.507%
8	8.075	1015	1018	1031	rBV	746758	608008	52.04%	3.911%
9	9.151	1198	1201	1207	rBV	657060	498660	42.68%	3.207%
10	9.551	1267	1269	1276	rVB2	14469	15185	1.30%	0.098%
11	9.698	1291	1294	1299	rBV	68490	55780	4.77%	0.359%
12	9.833	1314	1317	1321	rBV	706887	648830	55.54%	4.173%
13	9.869	1321	1323	1327	rVB	35255	27098	2.32%	0.174%
14	10.045	1349	1353	1356	rBV2	12726	15192	1.30%	0.098%
15	10.386	1408	1411	1418	rVB2	25766	30063	2.57%	0.193%
16	10.551	1435	1439	1447	rVB	88970	80124	6.86%	0.515%
17	10.628	1449	1452	1459	rBV	279322	269786	23.09%	1.735%
18	10.939	1500	1505	1508	rBV3	19055	22195	1.90%	0.143%
19	11.063	1521	1526	1528	rBV3	26616	33307	2.85%	0.214%
20	11.086	1528	1530	1536	rVV2	23136	28551	2.44%	0.184%
21	11.145	1536	1540	1543	rVV2	19898	23006	1.97%	0.148%
22	11.180	1543	1546	1549	rVV2	29792	34020	2.91%	0.219%
23	11.228	1552	1554	1558	rVB2	21870	20622	1.77%	0.133%
24	11.328	1568	1571	1573	rBV	719415	631102	54.02%	4.059%
25	11.351	1573	1575	1579	rVB	447798	379902	32.52%	2.444%
26	11.410	1581	1585	1587	rBV	118265	102566	8.78%	0.660%
27	11.575	1608	1613	1617	rBV2	45858	66485	5.69%	0.428%
28	11.622	1619	1621	1623	rVV	19632	15380	1.32%	0.099%
29	11.675	1626	1630	1635	rVB3	13172	21548	1.84%	0.139%
30	11.833	1654	1657	1659	rBV	109721	96304	8.24%	0.619%
31	11.863	1659	1662	1666	rVB	148882	125435	10.74%	0.807%
32	11.910	1667	1670	1673	rVV	72651	58888	5.04%	0.379%
33	11.945	1673	1676	1678	rVV	144346	151005	12.93%	0.971%
34	11.969	1678	1680	1683	rVV	85950	68600	5.87%	0.441%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.127	1704	1707	1712	rVB	72015	61029	5.22%	0.393%
36	12.175	1712	1715	1717	rBV	37290	32590	2.79%	0.210%
37	12.275	1728	1732	1736	rBV2	32611	42729	3.66%	0.275%
38	12.310	1736	1738	1740	rVV	34392	25643	2.19%	0.165%
39	12.333	1740	1742	1745	rVB	27839	22287	1.91%	0.143%
40	12.380	1746	1750	1753	rBV	99841	103177	8.83%	0.664%
41	12.422	1753	1757	1759	rVV4	45384	68842	5.89%	0.443%
42	12.439	1759	1760	1763	rVV	36815	30280	2.59%	0.195%
43	12.480	1763	1767	1771	rVV2	67665	86014	7.36%	0.553%
44	12.551	1775	1779	1782	rBV	1010549	882404	75.53%	5.676%
45	12.616	1787	1790	1793	rVV2	27174	24280	2.08%	0.156%
46	12.645	1793	1795	1801	rVB	56390	52249	4.47%	0.336%
47	12.698	1801	1804	1807	rBV2	53721	54997	4.71%	0.354%
48	12.780	1815	1818	1823	rVB	967429	865123	74.05%	5.565%
49	12.827	1823	1826	1830	rVB2	61177	75509	6.46%	0.486%
50	12.916	1833	1841	1844	rBV2	486242	514258	44.02%	3.308%
51	12.945	1844	1846	1850	rVB	53894	55005	4.71%	0.354%
52	13.004	1850	1856	1860	rBV2	88099	157825	13.51%	1.015%
53	13.051	1860	1864	1866	rVB2	18097	21286	1.82%	0.137%
54	13.086	1866	1870	1871	rBV3	76474	91977	7.87%	0.592%
55	13.110	1871	1874	1876	rVB	122097	122518	10.49%	0.788%
56	13.174	1882	1885	1887	rBV	57326	44933	3.85%	0.289%
57	13.216	1887	1892	1899	rVB2	115249	158174	13.54%	1.017%
58	13.269	1899	1901	1905	rVB4	25660	24178	2.07%	0.156%
59	13.304	1905	1907	1910	rBV	80087	69193	5.92%	0.445%
60	13.339	1910	1913	1916	rBV2	75231	82071	7.03%	0.528%
61	13.410	1922	1925	1926	rBV3	21091	22813	1.95%	0.147%
62	13.480	1934	1937	1939	rBV3	19960	19520	1.67%	0.126%
63	13.510	1940	1942	1944	rVV3	18749	15722	1.35%	0.101%
64	13.627	1959	1962	1968	rVB	120618	108807	9.31%	0.700%
65	13.680	1968	1971	1974	rVB2	23138	23731	2.03%	0.153%
66	13.733	1975	1980	1982	rBV2	110585	122118	10.45%	0.785%
67	13.757	1982	1984	1986	rVB	88406	66431	5.69%	0.427%
68	13.786	1986	1989	1990	rBV	67567	56812	4.86%	0.365%
69	13.804	1990	1992	1995	rVB2	55073	50224	4.30%	0.323%
70	13.839	1995	1998	2004	rVB	101304	110785	9.48%	0.713%
71	13.904	2004	2009	2014	rBV2	33432	68455	5.86%	0.440%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.980	2015	2022	2025	rBV2	770425	1168254	100.00%	7.514%
73	14.010	2025	2027	2031	rVB	466054	390913	33.46%	2.514%
74	14.092	2038	2041	2044	rVB	67433	59001	5.05%	0.380%
75	14.121	2044	2046	2047	rBV2	23786	17618	1.51%	0.113%
76	14.145	2047	2050	2055	rVV3	51807	80374	6.88%	0.517%
77	14.186	2055	2057	2058	rVV2	25087	20134	1.72%	0.130%
78	14.221	2061	2063	2066	rVB2	38554	31952	2.74%	0.206%
79	14.304	2075	2077	2080	rBV	23340	21132	1.81%	0.136%
80	14.333	2080	2082	2084	rBV2	33533	33945	2.91%	0.218%
81	14.368	2084	2088	2092	rVV	110668	133909	11.46%	0.861%
82	14.404	2092	2094	2097	rVV	46691	39113	3.35%	0.252%
83	14.468	2104	2105	2108	rVB2	22318	16489	1.41%	0.106%
84	14.498	2108	2110	2112	rBV2	48639	45757	3.92%	0.294%
85	14.704	2141	2145	2152	rBV7	44432	89179	7.63%	0.574%
86	14.874	2171	2174	2177	rVB2	52342	50299	4.31%	0.324%
87	15.027	2196	2200	2203	rBV	366310	538579	46.10%	3.464%
88	15.139	2215	2219	2223	rBV	91917	98556	8.44%	0.634%
89	15.221	2230	2233	2235	rBV4	29650	36688	3.14%	0.236%
90	15.333	2248	2252	2255	rBV	205593	245761	21.04%	1.581%
91	15.398	2259	2263	2269	rVV	306701	404226	34.60%	2.600%
92	15.457	2269	2273	2276	rVV	371466	459305	39.32%	2.954%
93	15.486	2276	2278	2285	rVB2	90125	131547	11.26%	0.846%
94	16.098	2379	2382	2391	rVB10	25392	49401	4.23%	0.318%
95	16.521	2450	2454	2458	rVB7	16461	23689	2.03%	0.152%
96	16.727	2487	2489	2494	rBV2	11341	18278	1.56%	0.118%
97	16.939	2519	2525	2533	rVB	126157	248642	21.28%	1.599%
98	17.104	2550	2553	2559	rVB3	28384	46772	4.00%	0.301%
99	17.168	2561	2564	2571	rVB3	26624	46502	3.98%	0.299%
100	17.392	2596	2602	2612	rVB2	83778	188009	16.09%	1.209%

Sum of corrected areas: 15546747

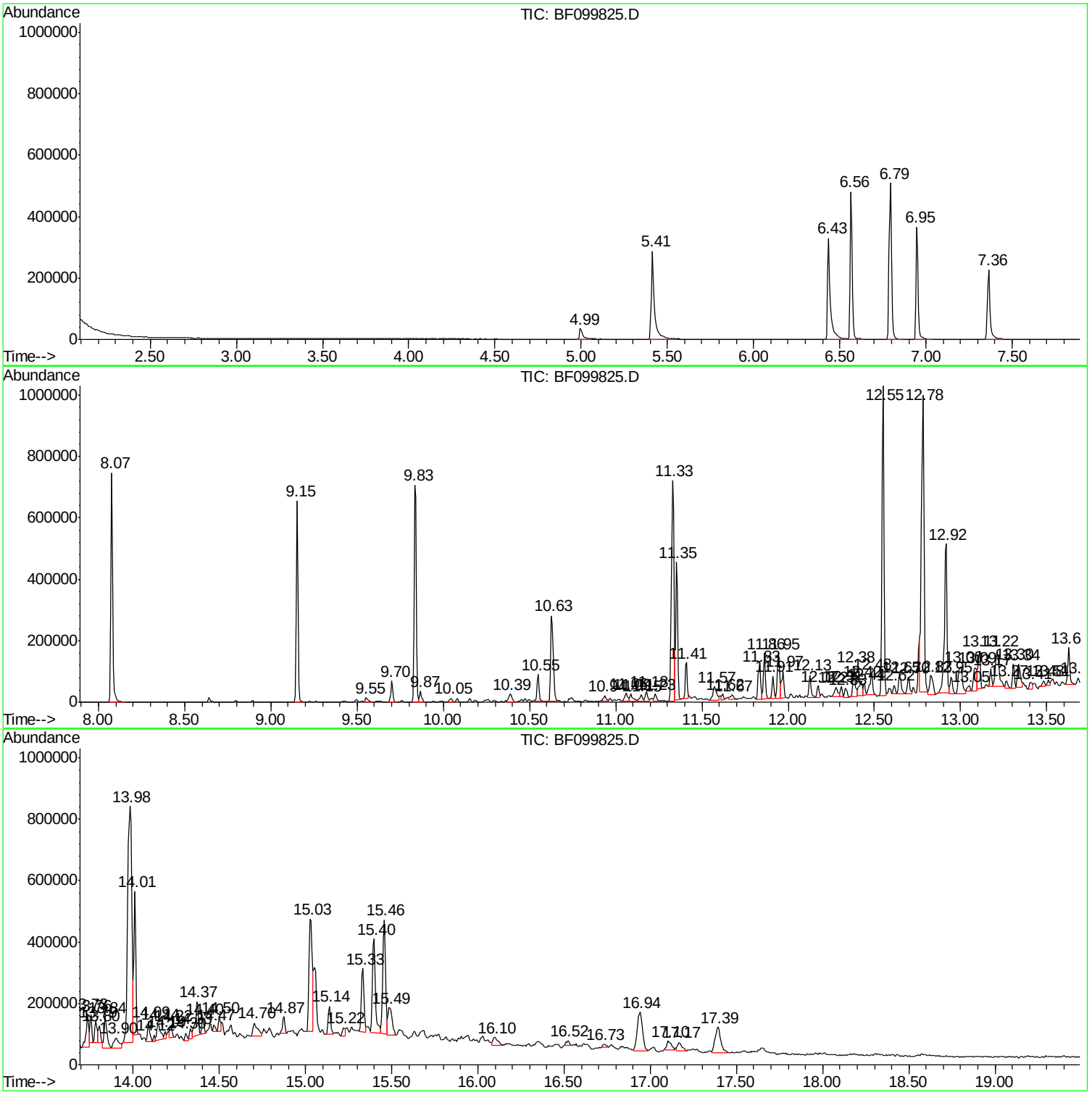
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099825.D
Acq On : 25 Oct 2017 20:47
Operator : SJ/JU
Sample : I6068-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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\BF102517\
Data File : BF099825.D
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Instrument : BNA_F
ClientSampleId : SB-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

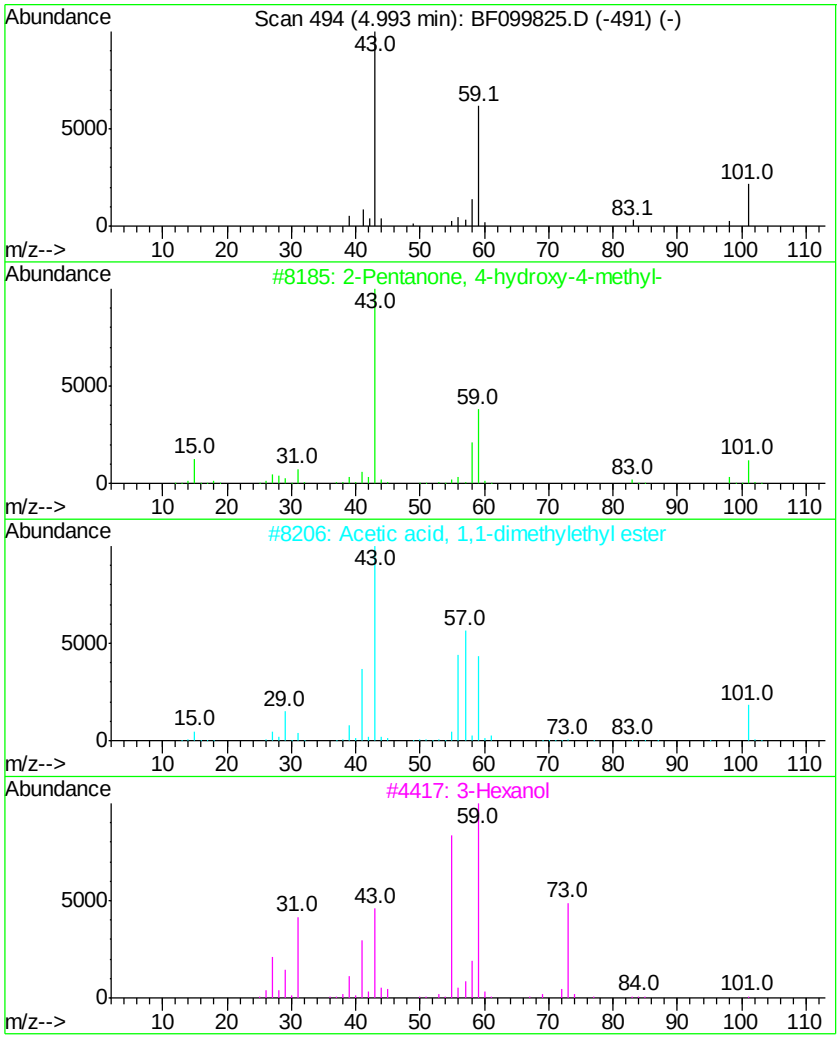
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

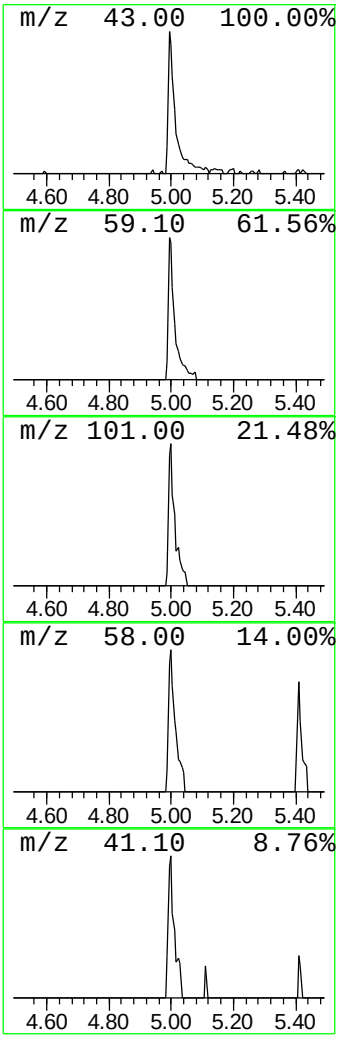
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.29 ng	49344	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099825.D
Acq On : 25 Oct 2017 20:47
Operator : SJ/JU
Sample : I6068-01 5X
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Instrument : BNA_F
ClientSampleId : SB-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

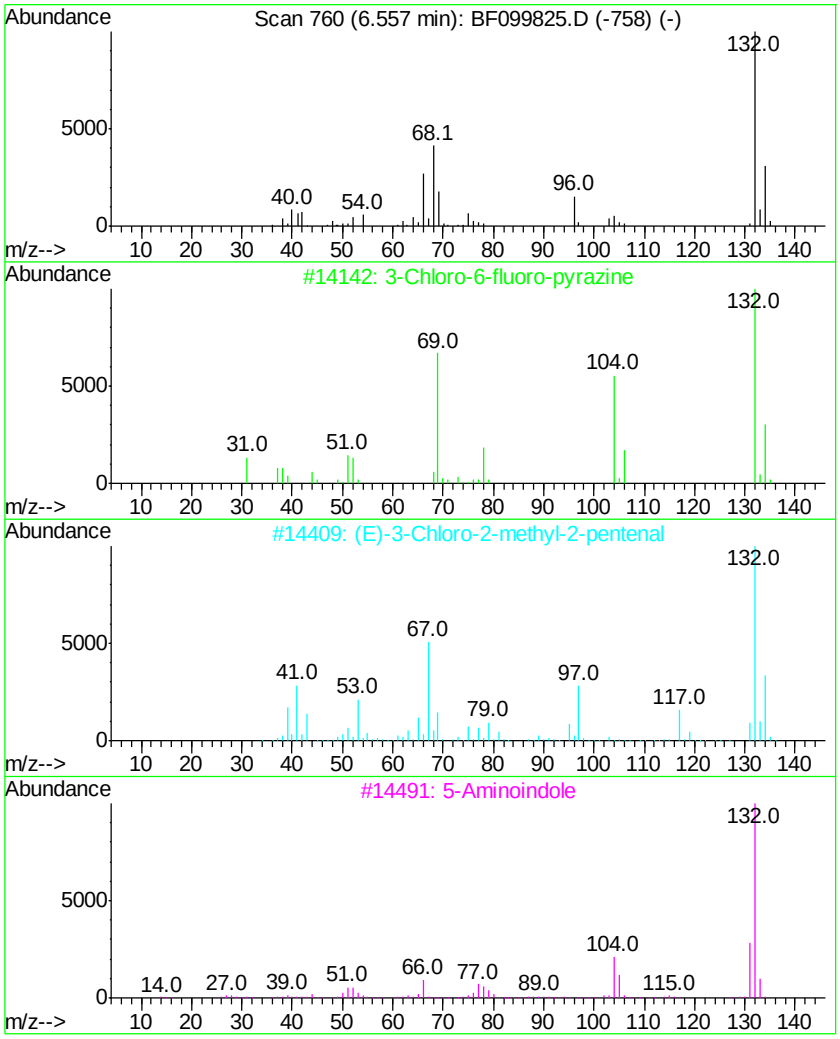
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

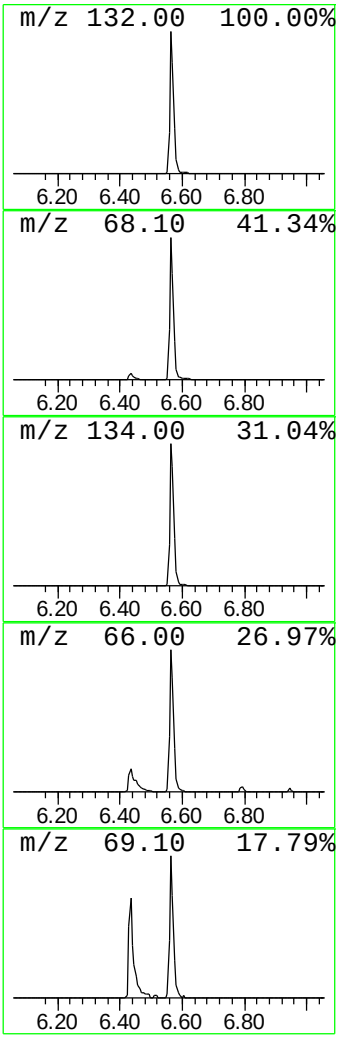
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	20.14 ng	433755	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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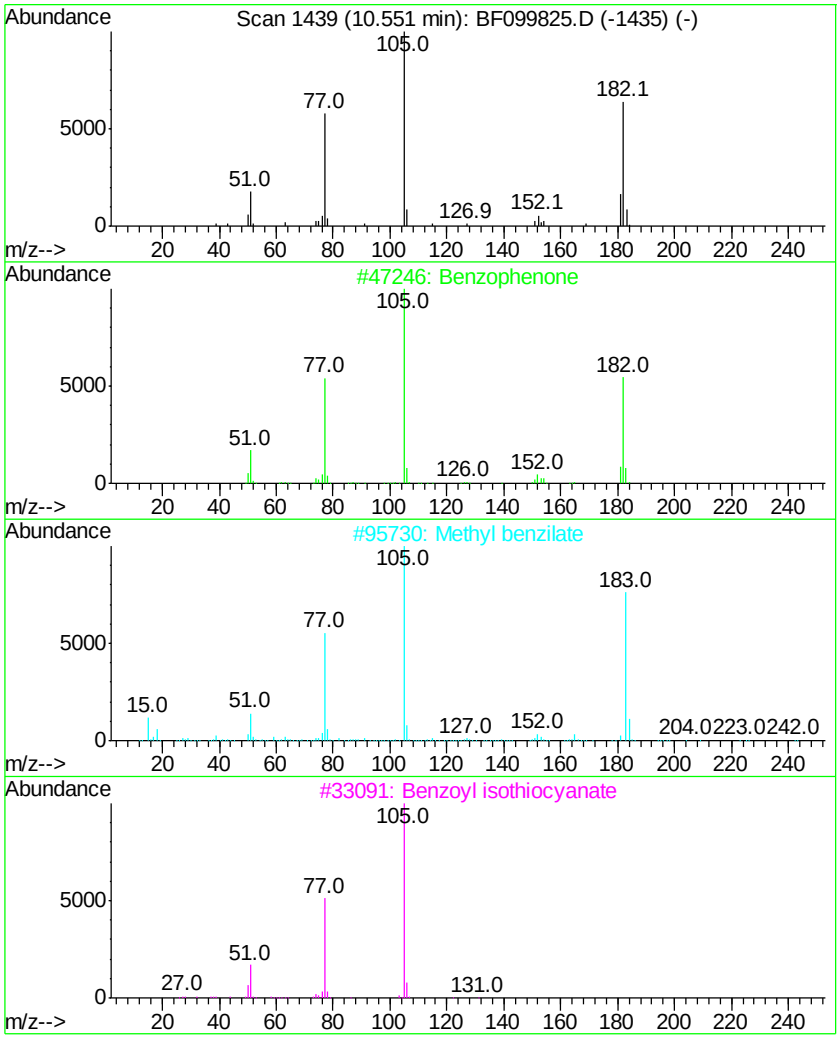
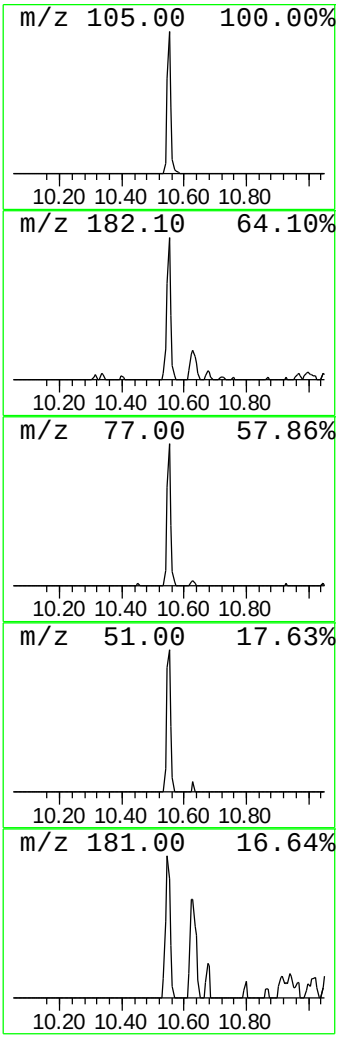
Peak Number 4 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.47 ng	80124	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methyl benzilate	242	C15H14O3	000076-89-1	47
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43
4	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	43
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

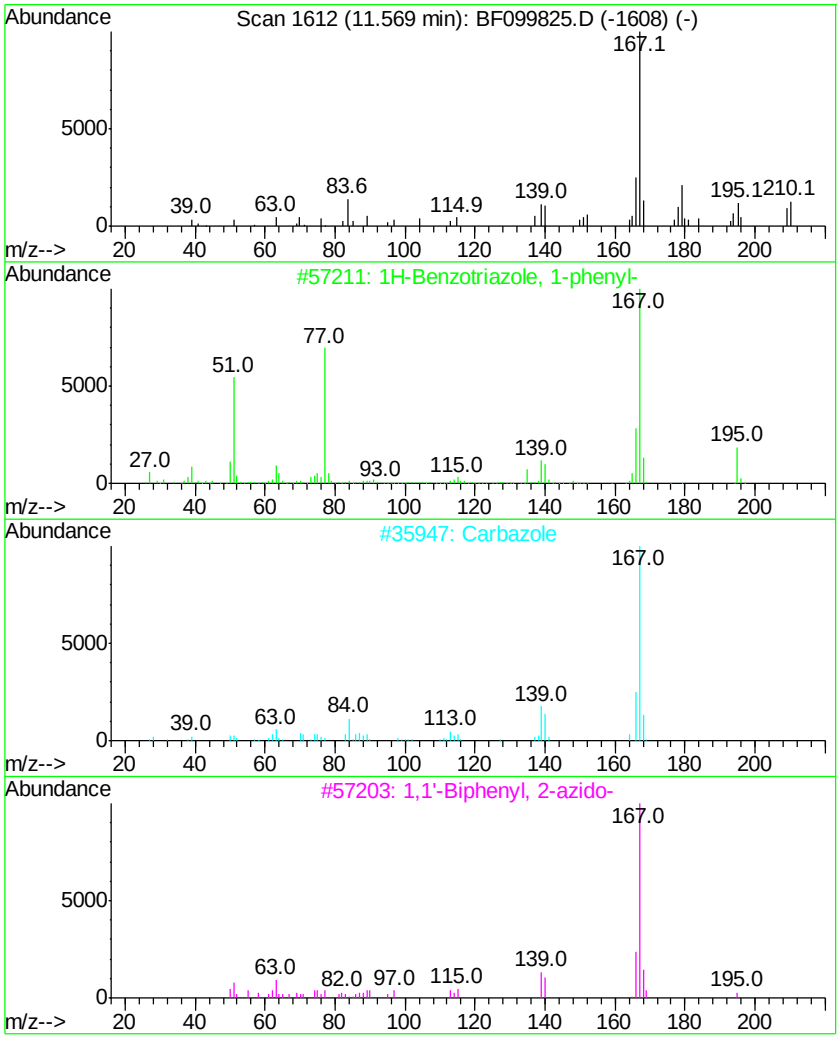
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

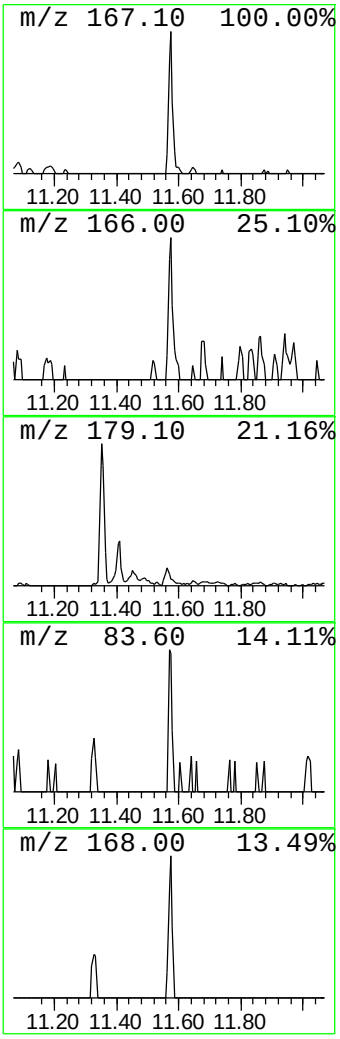
****

Peak Number 5 1H-Benzotriazole, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.11 ng	66485	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	68
2	Carbazole	167	C12H9N	000086-74-8	64
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	53
4	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-10-6	53
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099825.D
Acq On : 25 Oct 2017 20:47
Operator : SJ/JU
Sample : I6068-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

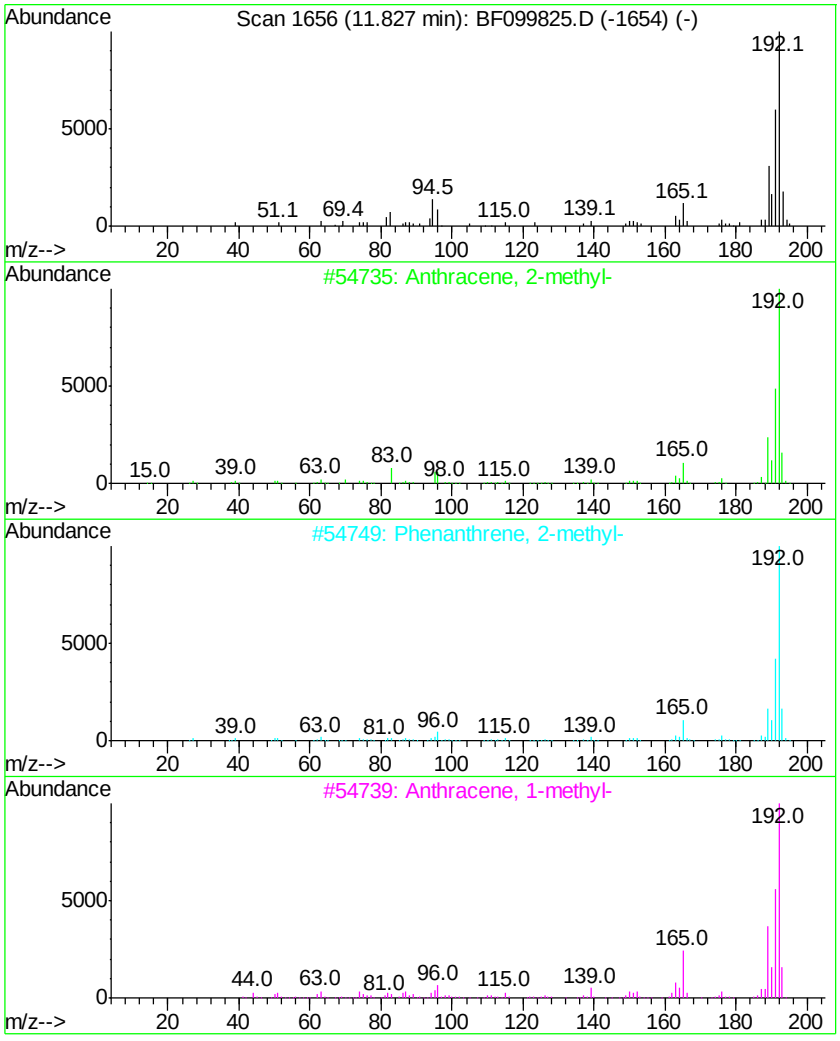
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

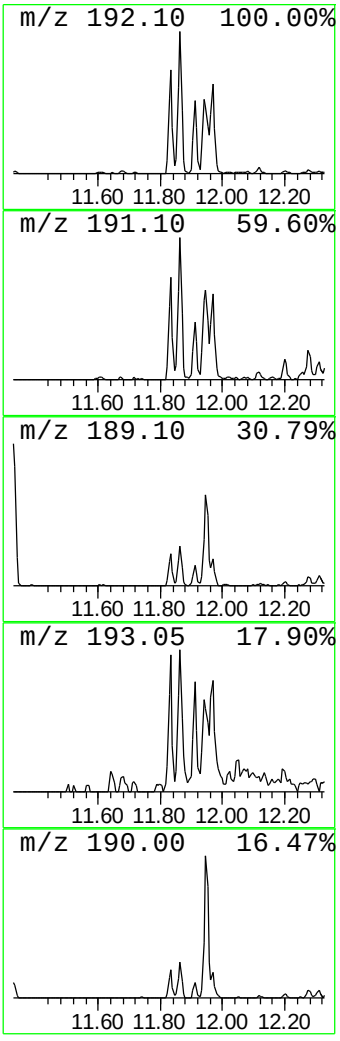
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.05 ng	96304	Phenanthrene-d10	11.33

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	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 25 Oct 2017 20:47
Operator : SJ/JU
Sample : I6068-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-06

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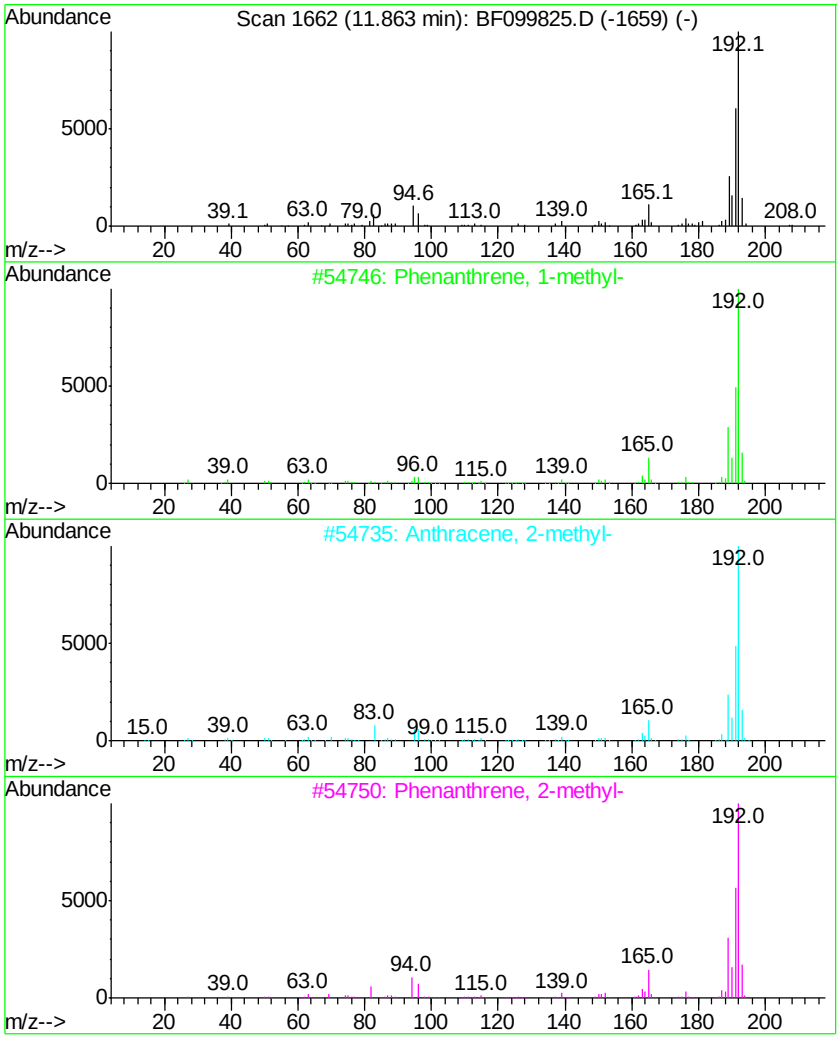
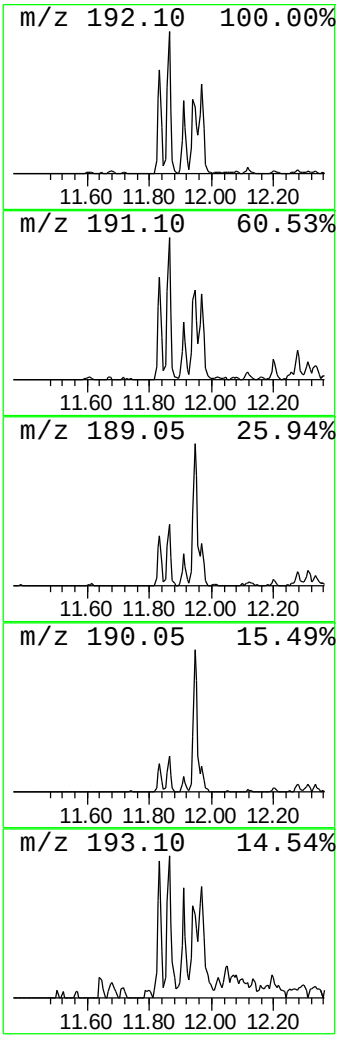
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.98 ng	125435	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Instrument : BNA_F
ClientSampleId : SB-06

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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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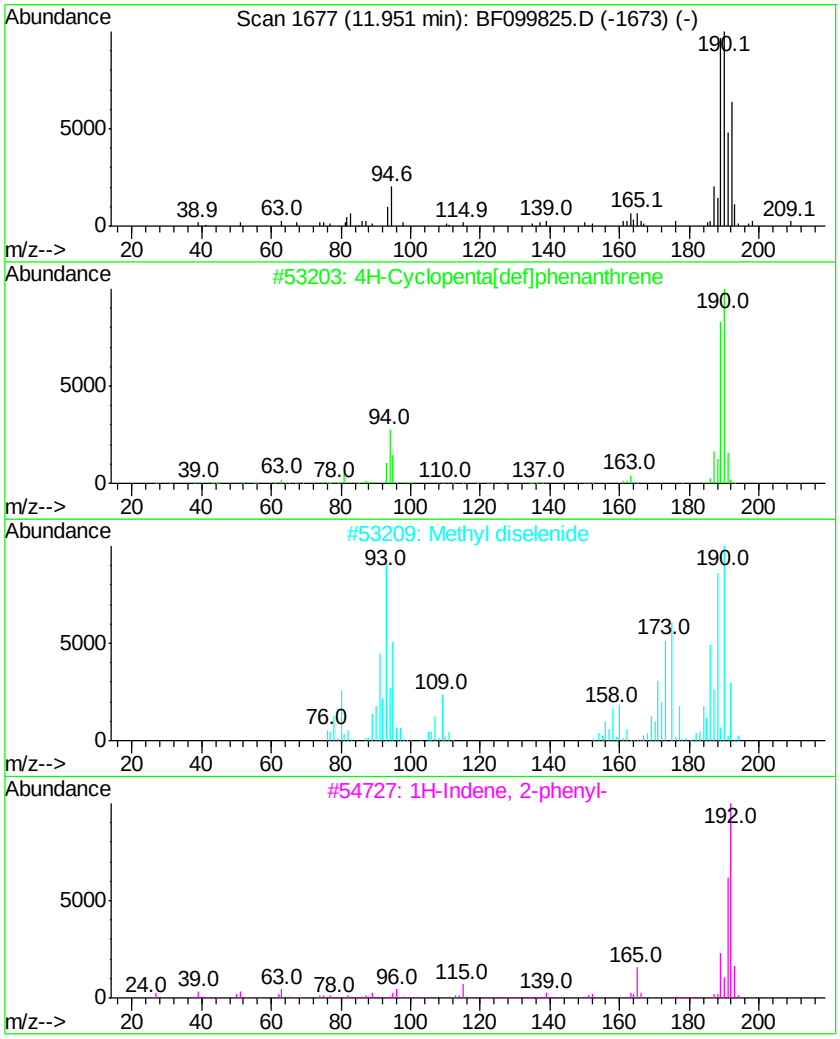
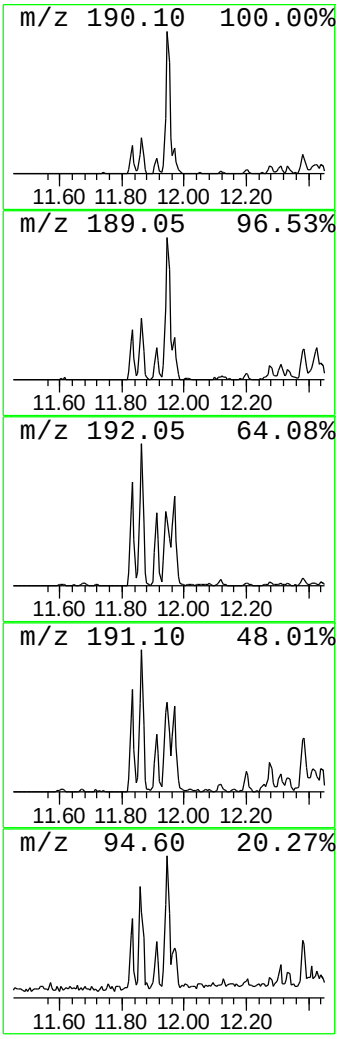
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.79 ng	151005	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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ClientSampleId : SB-06

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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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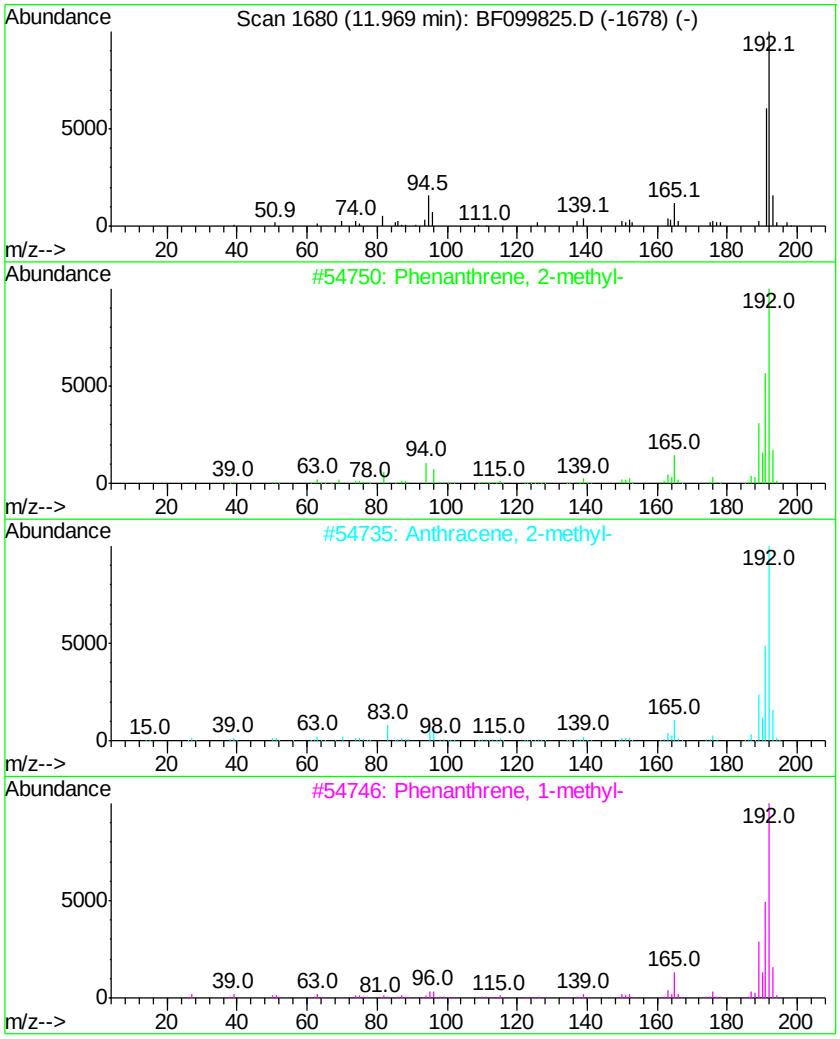
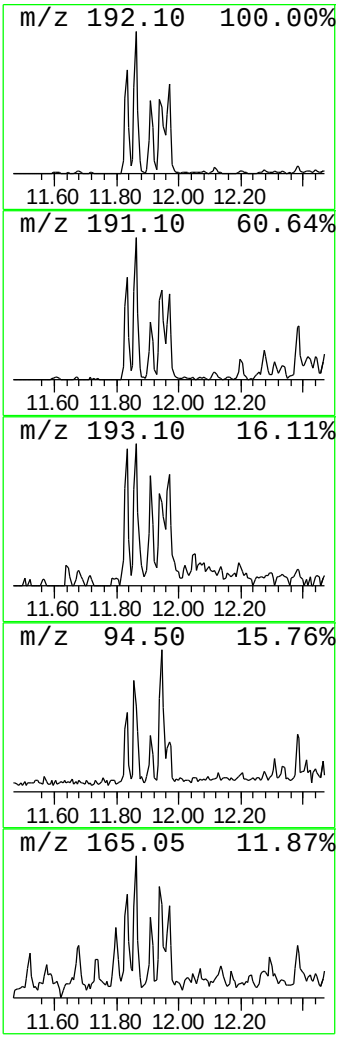
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.17 ng	68600	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : I6068-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

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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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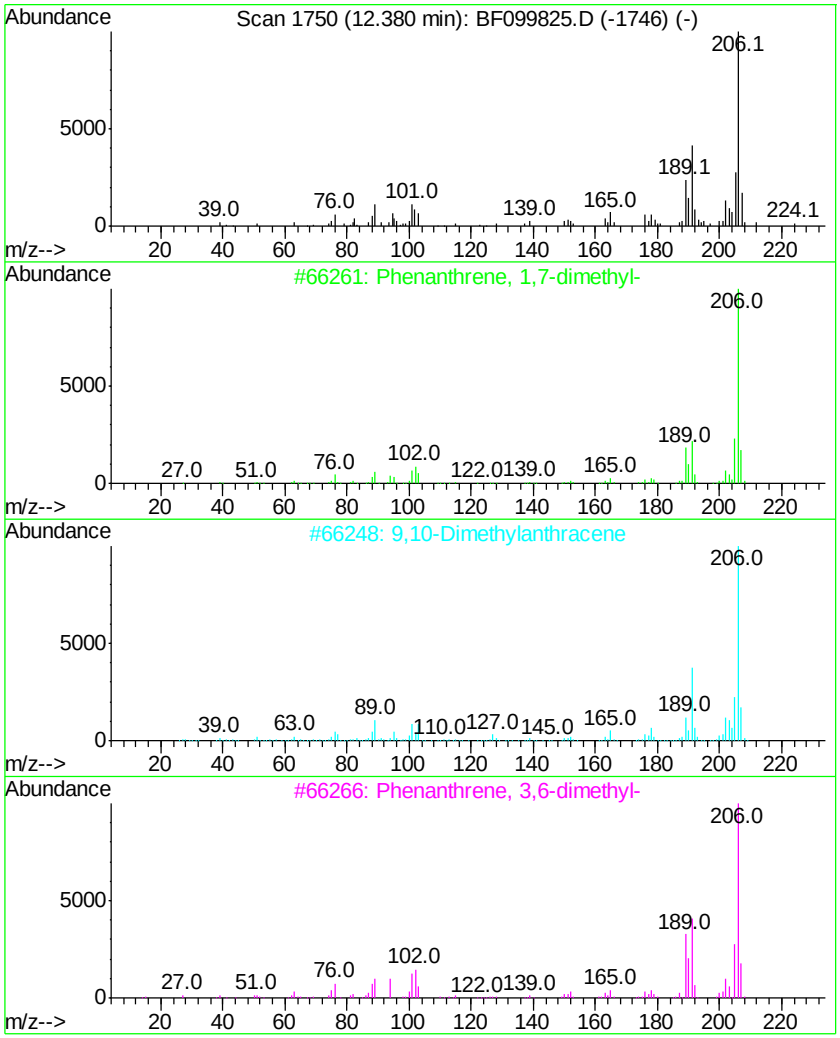
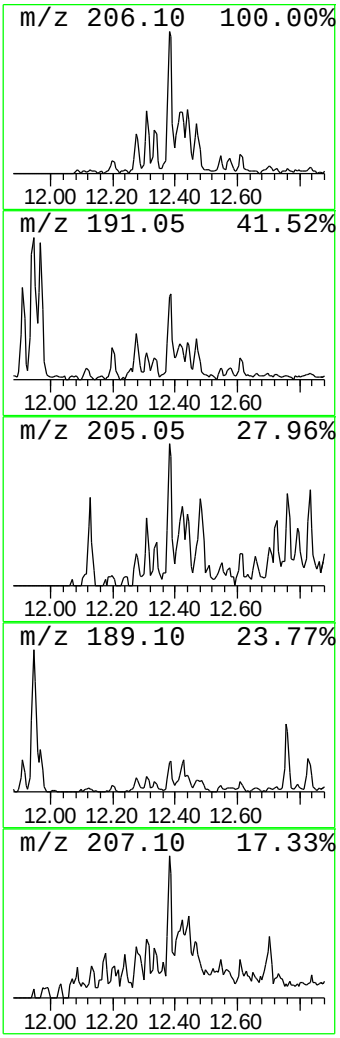
Peak Number 10 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.27 ng	103177	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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ClientSampleId : SB-06

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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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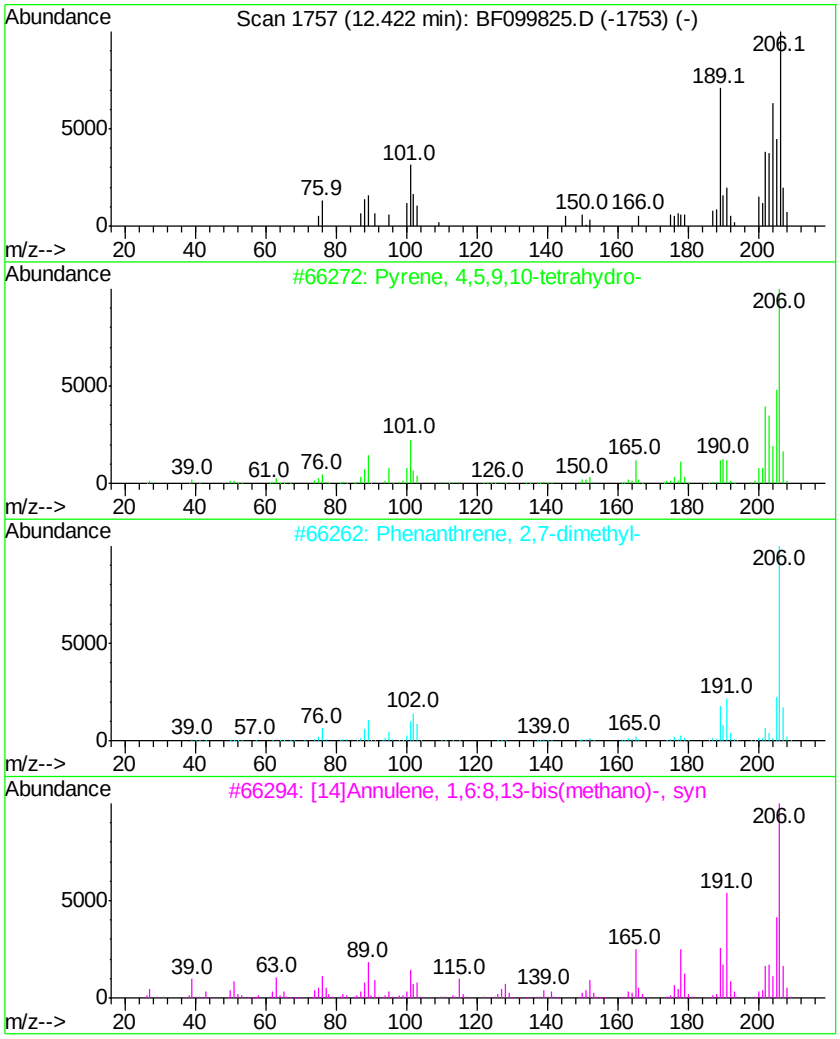
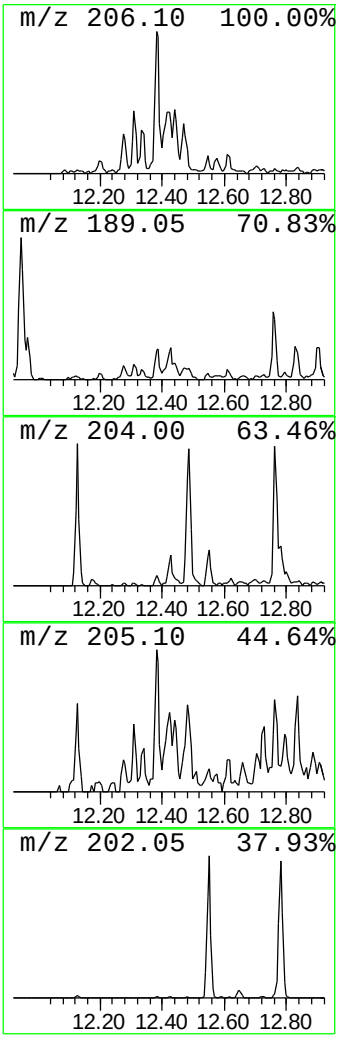
Peak Number 11 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.18 ng	68842	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	60
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	53
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	49





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ClientSampleId : SB-06

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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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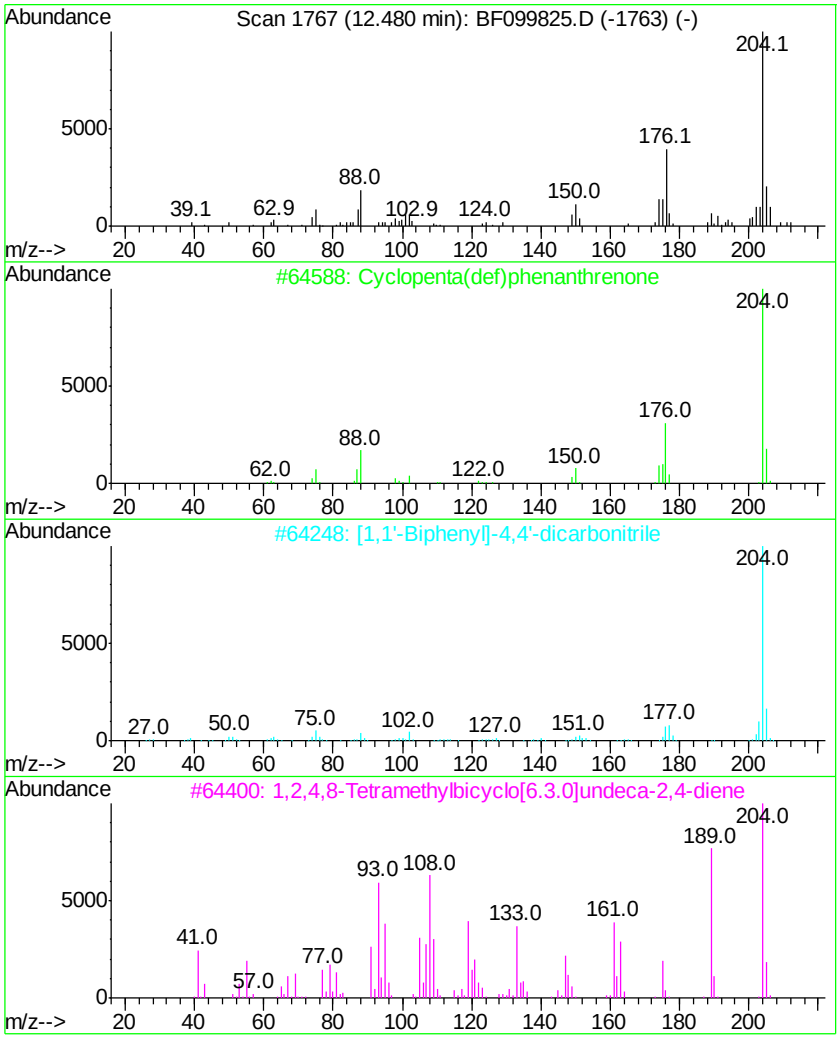
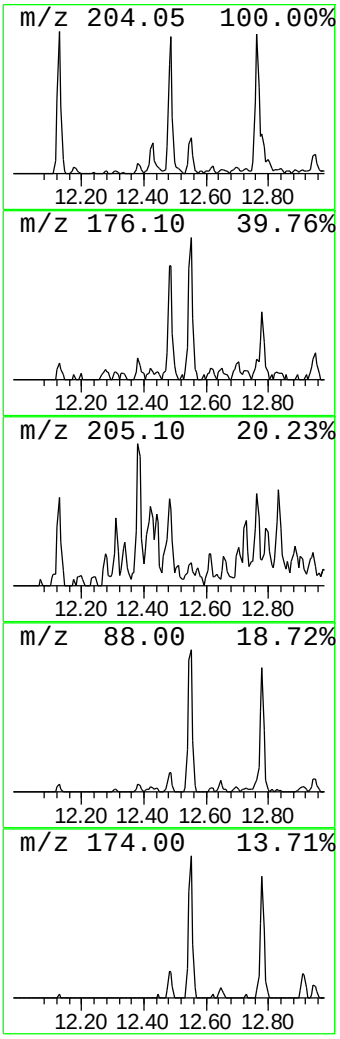
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.73 ng	86014	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	38





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Instrument : BNA_F
ClientSampleId : SB-06

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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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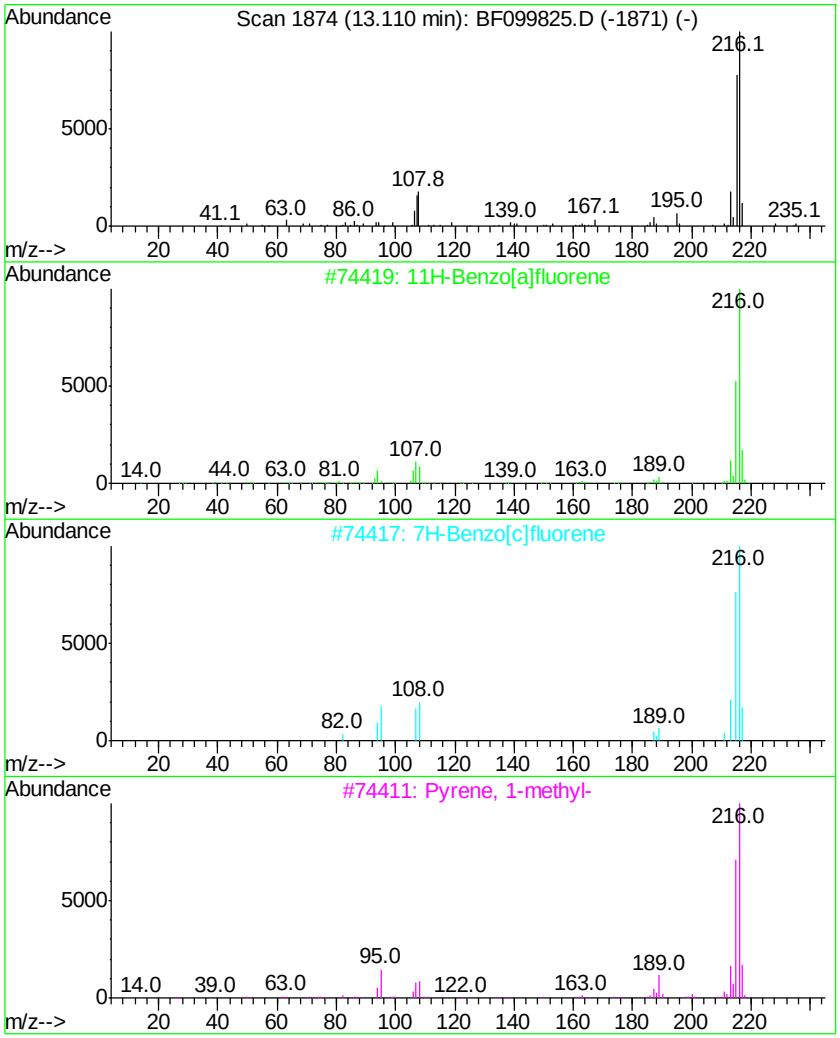
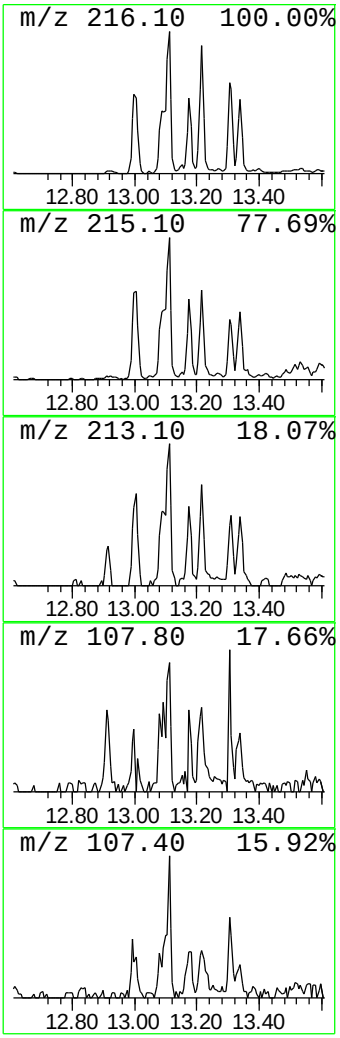
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.10 ng	122518	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-06

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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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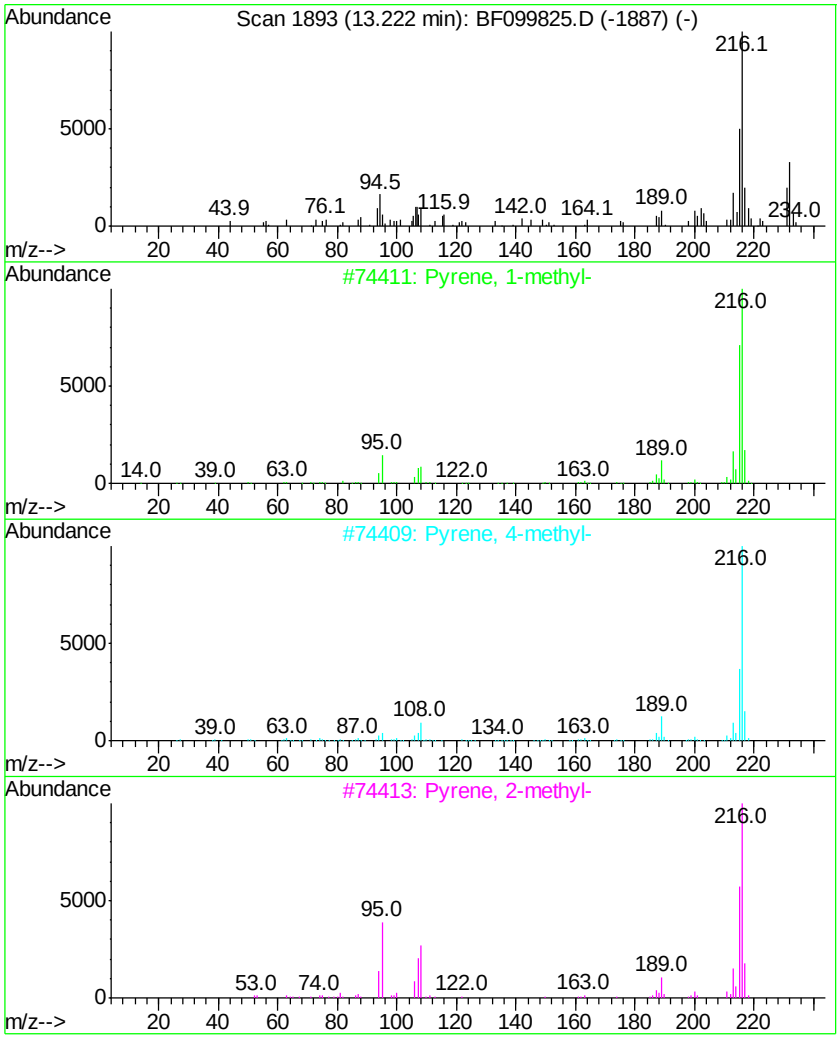
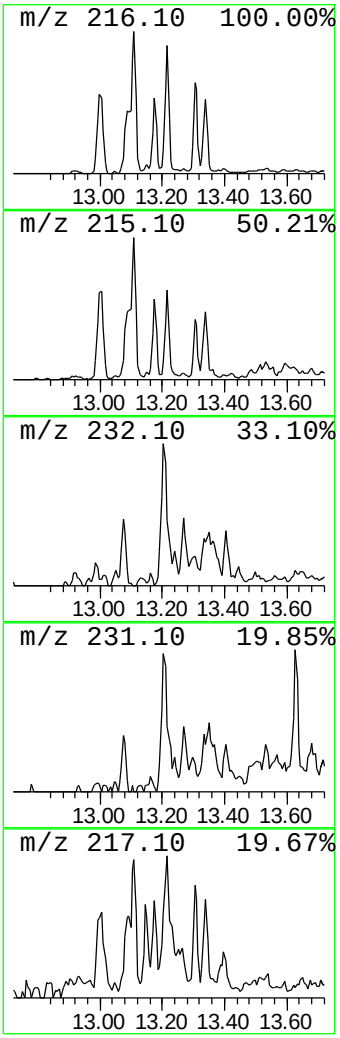
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.71 ng	158174	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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TIC Library : C:\DATABASE\NIST11.L
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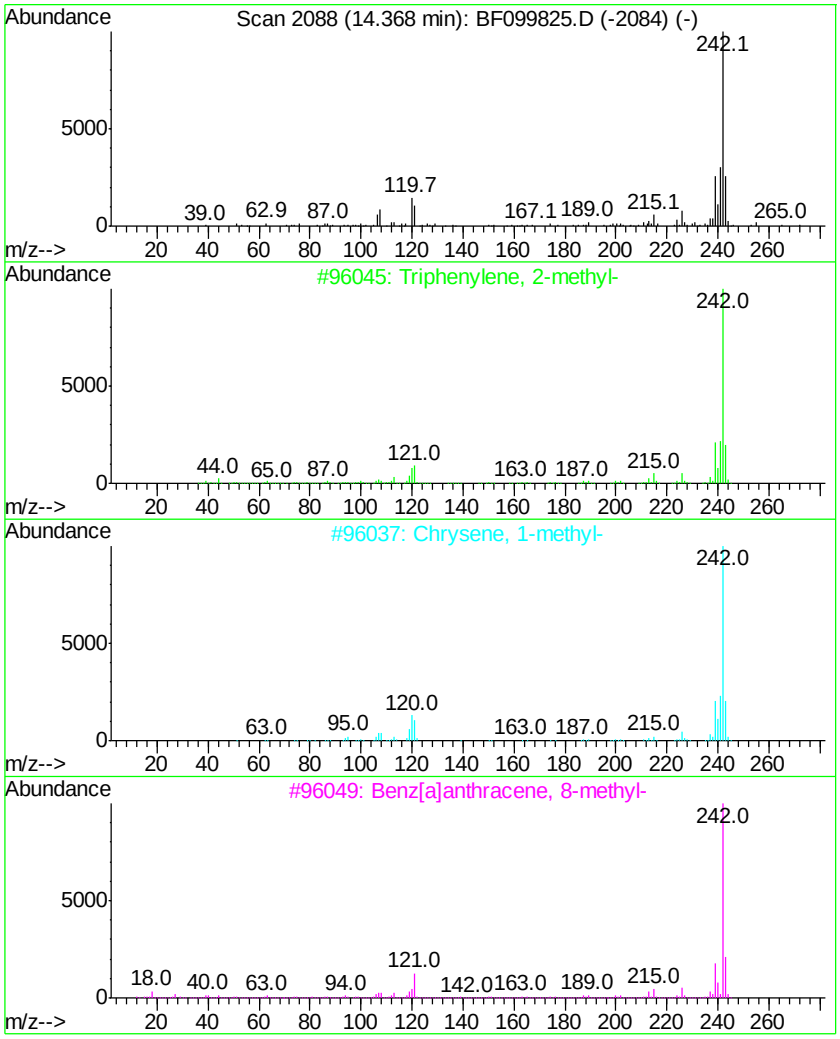
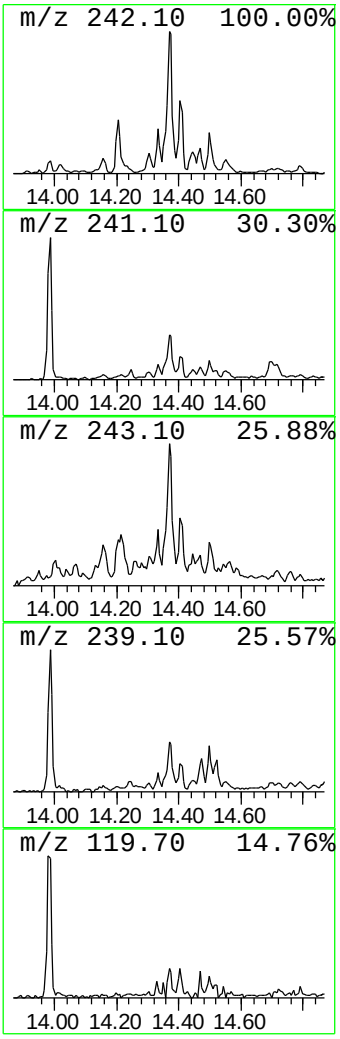
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.29 ng	133909	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	2-Methylchrysene	242	C19H14	003351-32-4	93
5	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	93





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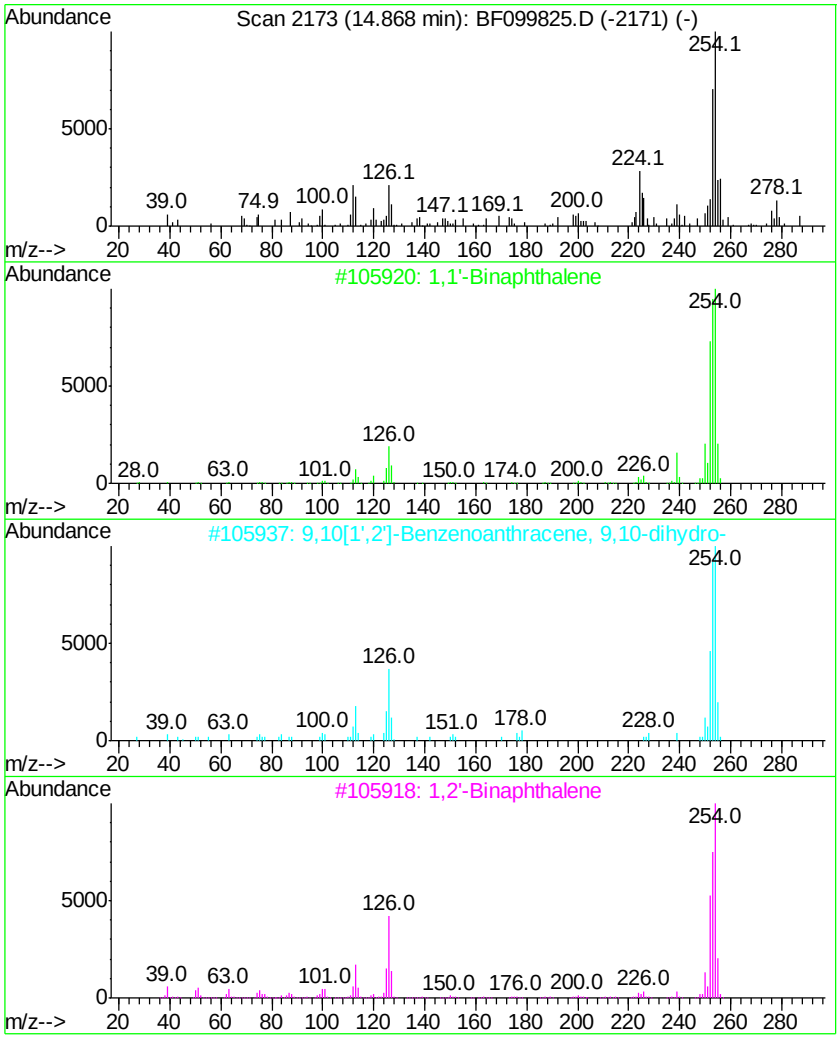
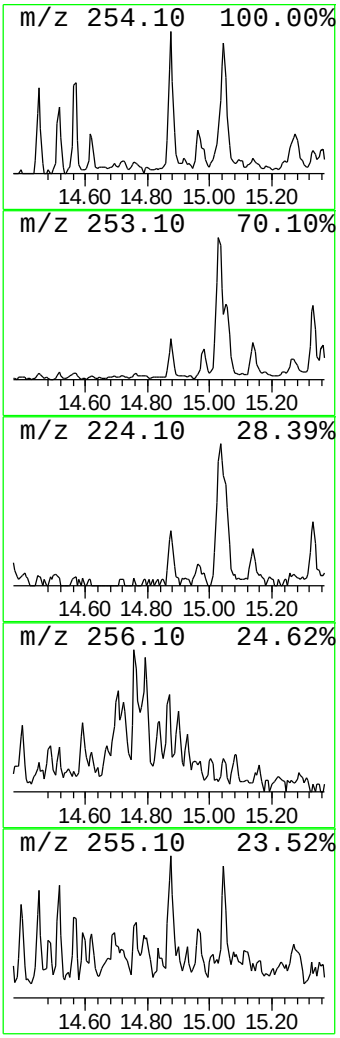
Peak Number 17 1,1'-Binaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.19 ng	50299	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64





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

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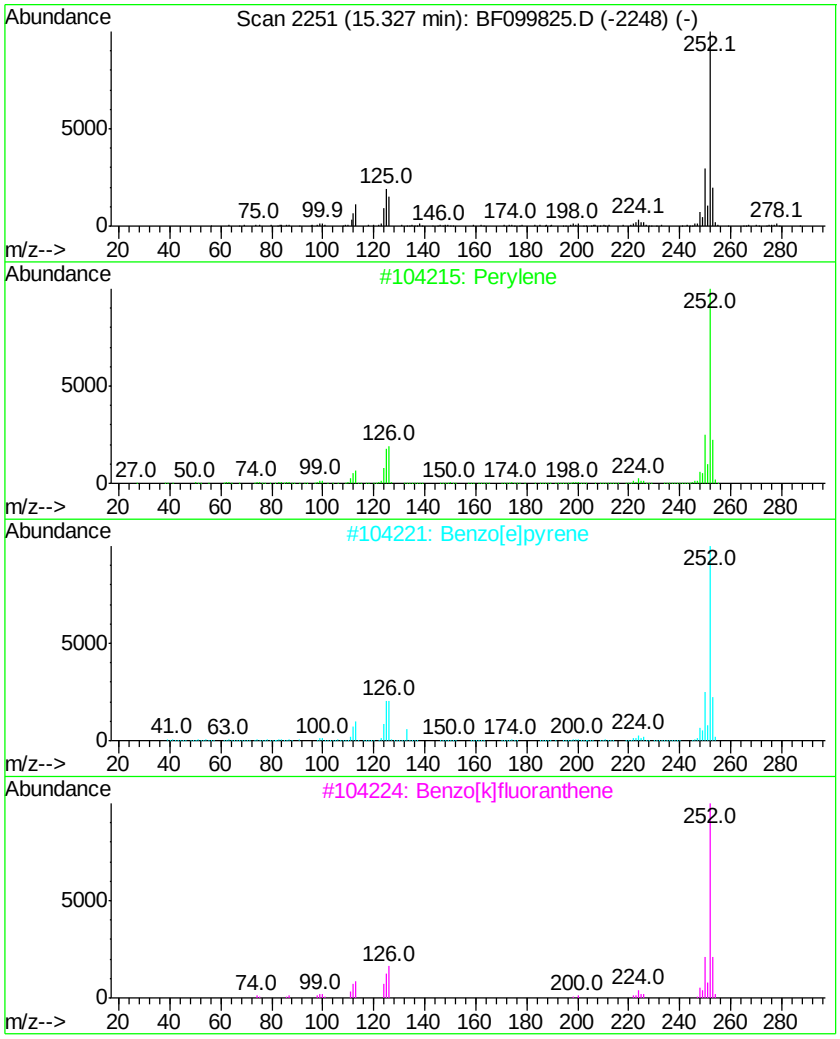
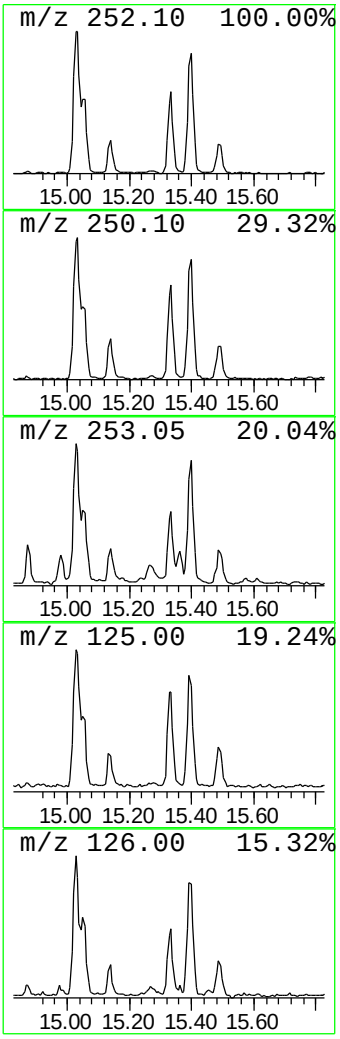
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	10.70 ng	245761	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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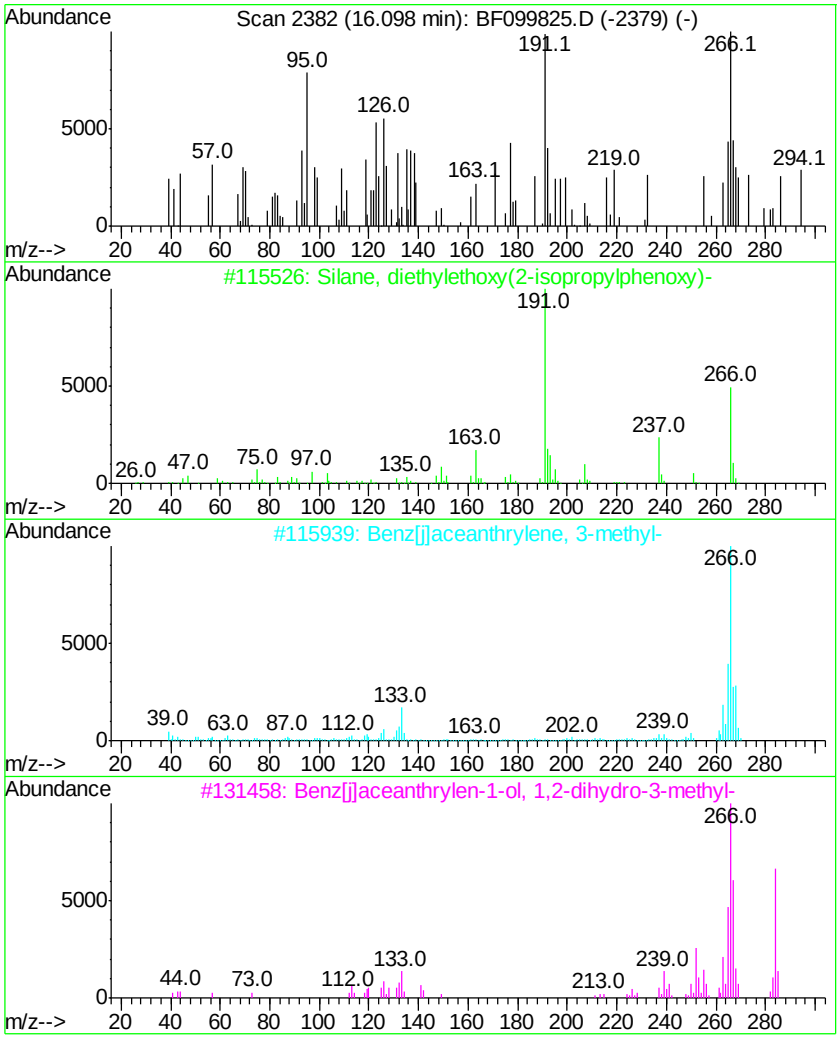
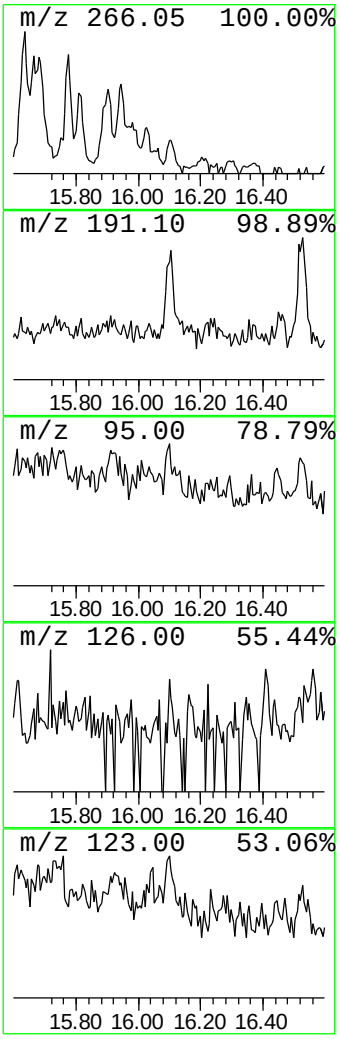
Peak Number 20 unknown16.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.15 ng	49401	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethylethoxy(2-isopropy...	266	C15H26O2Si	1000363-84-5	25
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	25
3	Benz[j]aceanthrylen-1-ol, 1,2-di...	284	C21H16O	003342-98-1	22
4	2-Furancarboxamide, N-(4-bromoph...	265	C11H8BrNO2	1000307-03-9	22
5	Lycorine, 1,2,15,16-tetradehydro...	267	C16H13NO3	1000111-50-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102517\
Data File : BF099825.D
Acq On : 25 Oct 2017 20:47
Operator : SJ/JU
Sample : I6068-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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...	4.99	2.3	ng	49344	1	6.79	430634	20.0
unknown6.56	6.56	20.1	ng	433755	1	6.79	430634	20.0
Benzophenone	10.55	2.5	ng	80124	3	9.83	648830	20.0
1H-Benzotriazole,...	11.57	2.1	ng	66485	4	11.33	631102	20.0
Anthracene, 2-met...	11.83	3.0	ng	96304	4	11.33	631102	20.0
Phenanthrene, 1-m...	11.86	4.0	ng	125435	4	11.33	631102	20.0
4H-Cyclopenta[def...	11.95	4.8	ng	151005	4	11.33	631102	20.0
Phenanthrene, 2-m...	11.97	2.2	ng	68600	4	11.33	631102	20.0
Phenanthrene, 1,7...	12.38	3.3	ng	103177	4	11.33	631102	20.0
Pyrene, 4,5,9,10-...	12.42	2.2	ng	68842	4	11.33	631102	20.0
Cyclopenta(def)ph...	12.48	2.7	ng	86014	4	11.33	631102	20.0
11H-Benzo[a]fluorene	13.11	2.1	ng	122518	5	13.99	1168250	20.0
Pyrene, 1-methyl-	13.22	2.7	ng	158174	5	13.99	1168250	20.0
Triphenylene, 2-m...	14.37	2.3	ng	133909	5	13.99	1168250	20.0
1,1'-Binaphthalene	14.87	2.2	ng	50299	6	15.46	459305	20.0
Perylene	15.33	10.7	ng	245761	6	15.46	459305	20.0
unknown16.10	16.10	2.1	ng	49401	6	15.46	459305	20.0