LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109803.D
Acq On : 11 Oct 2018 22:55
Operator : JU/SJ
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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	4.887	473	476	485	rBV	30024	40586	2.05%	0.140%
2	5.310	545	548	566	rBV	859681	1090273	55.14%	3.764%
3	6.339	720	723	741	rBV	914678	1232765	62.35%	4.256%
4	6.463	741	744	767	rVB	1185649	1422057	71.93%	4.909%
5	6.692	780	783	801	rBV	265413	420789	21.28%	1.453%
6	6.851	806	810	844	rVB	880953	1070253	54.13%	3.695%
7	7.257	876	879	907	rBV	540928	873139	44.16%	3.014%
8	7.975	997	1001	1022	rBV2	390774	637571	32.25%	2.201%
9	9.045	1180	1183	1215	rBV	1146887	1295018	65.50%	4.471%
10	9.439	1247	1250	1259	rVB	61470	70242	3.55%	0.242%
11	9.722	1294	1298	1301	rBV	483014	480722	24.31%	1.660%
12	9.751	1301	1303	1316	rVB	215782	224485	11.35%	0.775%
13	9.927	1330	1333	1338	rBV	28019	43968	2.22%	0.152%
14	10.269	1388	1391	1397	rBV	81884	109897	5.56%	0.379%
15	10.504	1428	1431	1448	rBV	486532	680100	34.40%	2.348%
16	11.098	1530	1532	1540	rVB	42417	56137	2.84%	0.194%
17	11.204	1546	1550	1551	rBV	372109	403444	20.41%	1.393%
18	11.221	1551	1553	1560	rVV	1110936	1259633	63.71%	4.348%
19	11.274	1560	1562	1579	rVB	228559	381303	19.29%	1.316%
20	11.445	1585	1591	1597	rBV2	62776	123952	6.27%	0.428%
21	11.492	1597	1599	1607	rVB4	17309	26892	1.36%	0.093%
22	11.704	1631	1635	1637	rBV	59372	72368	3.66%	0.250%
23	11.733	1637	1640	1646	rVV3	110619	150480	7.61%	0.519%
24	11.810	1650	1653	1656	rBV	172729	186175	9.42%	0.643%
25	11.998	1681	1685	1688	rBV	54778	63295	3.20%	0.219%
26	12.145	1707	1710	1713	rBV	21360	22762	1.15%	0.079%
27	12.251	1724	1728	1730	rBV	33018	39420	1.99%	0.136%
28	12.339	1740	1743	1751	rVB5	31364	54835	2.77%	0.189%
29	12.410	1751	1755	1764	rBV	1748807	1815153	91.81%	6.266%
30	12.474	1764	1766	1770	rVB2	26495	30086	1.52%	0.104%
31	12.557	1777	1780	1787	rVB2	67415	88550	4.48%	0.306%
32	12.633	1787	1793	1800	rBV	1566930	1977130	100.00%	6.825%
33	12.686	1800	1802	1811	rVB2	84642	129161	6.53%	0.446%
34	12.774	1811	1817	1826	rBV	981603	1199047	60.65%	4.139%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.851	1826	1830	1834	rVV2	59464	96939	4.90%	0.335%
36	12.939	1842	1845	1846	rBV2	53610	55278	2.80%	0.191%
37	12.963	1846	1849	1854	rVB	201615	211923	10.72%	0.732%
38	13.027	1856	1860	1863	rBV	193498	199110	10.07%	0.687%
39	13.068	1863	1867	1868	rBV	76854	80229	4.06%	0.277%
40	13.157	1879	1882	1885	rVB	47854	45222	2.29%	0.156%
41	13.192	1885	1888	1891	rBV2	51715	65832	3.33%	0.227%
42	13.257	1896	1899	1907	rVB9	22203	44843	2.27%	0.155%
43	13.357	1912	1916	1919	rBV3	51838	63829	3.23%	0.220%
44	13.445	1929	1931	1934	rBV3	31033	37466	1.89%	0.129%
45	13.474	1934	1936	1941	rVB	42060	51677	2.61%	0.178%
46	13.580	1949	1954	1956	rBV	132629	165557	8.37%	0.572%
47	13.604	1956	1958	1960	rVV	98014	86745	4.39%	0.299%
48	13.627	1960	1962	1964	rVV	66778	56796	2.87%	0.196%
49	13.686	1969	1972	1978	rVV	147786	217848	11.02%	0.752%
50	13.751	1980	1983	1988	rVV	44422	79559	4.02%	0.275%
51	13.821	1988	1995	1999	rVV2	1107183	1918366	97.03%	6.622%
52	13.857	1999	2001	2009	rVV	860785	931120	47.09%	3.214%
53	13.933	2010	2014	2020	rVV	230227	289275	14.63%	0.999%
54	13.998	2020	2025	2028	rVV5	115000	170761	8.64%	0.589%
55	14.039	2028	2032	2034	rVV2	70063	124338	6.29%	0.429%
56	14.062	2034	2036	2047	rVB2	66384	123422	6.24%	0.426%
57	14.180	2053	2056	2057	rBV	41921	42180	2.13%	0.146%
58	14.215	2059	2062	2065	rVV	125502	150573	7.62%	0.520%
59	14.245	2065	2067	2071	rVV2	51342	61662	3.12%	0.213%
60	14.304	2073	2077	2080	rVV2	152292	204058	10.32%	0.704%
61	14.333	2080	2082	2084	rVV3	71222	79094	4.00%	0.273%
62	14.357	2084	2086	2089	rVB2	98110	93290	4.72%	0.322%
63	14.527	2112	2115	2123	rBV4	48615	110685	5.60%	0.382%
64	14.592	2123	2126	2135	rVV	161226	190884	9.65%	0.659%
65	14.662	2135	2138	2140	rVB	40289	33675	1.70%	0.116%
66	14.692	2140	2143	2149	rBV3	50200	83607	4.23%	0.289%
67	14.839	2163	2168	2176	rBV	758489	1511185	76.43%	5.217%
68	14.904	2176	2179	2182	rVV2	204481	221209	11.19%	0.764%
69	14.933	2182	2184	2189	rVB	101760	106206	5.37%	0.367%
70	15.115	2211	2215	2221	rVB	377940	518545	26.23%	1.790%
71	15.174	2221	2225	2230	rBV	616922	779793	39.44%	2.692%

LSC Area Percent Report

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Misc :
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72	15.227	2230	2234	2237	rBV	354445	506406	25.61%	1.748%
73	15.645	2301	2305	2311	rBV	159267	219002	11.08%	0.756%
74	15.862	2338	2342	2344	rBV3	39438	55709	2.82%	0.192%
75	16.104	2379	2383	2390	rVB	104469	165743	8.38%	0.572%
76	16.251	2404	2408	2413	rBV3	56284	97834	4.95%	0.338%
77	16.580	2458	2464	2471	rBV2	168005	354262	17.92%	1.223%
78	16.745	2488	2492	2495	rBV2	29202	53258	2.69%	0.184%
79	16.980	2526	2532	2547	rBV	117670	318337	16.10%	1.099%
80	17.203	2567	2570	2574	rBV3	24916	45353	2.29%	0.157%
81	19.056	2878	2885	2894	rVB3	22426	77125	3.90%	0.266%

Sum of corrected areas: 28967498

LSC Report - Integrated Chromatogram

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Data File : BF109803.D
Acq On : 11 Oct 2018 22:55
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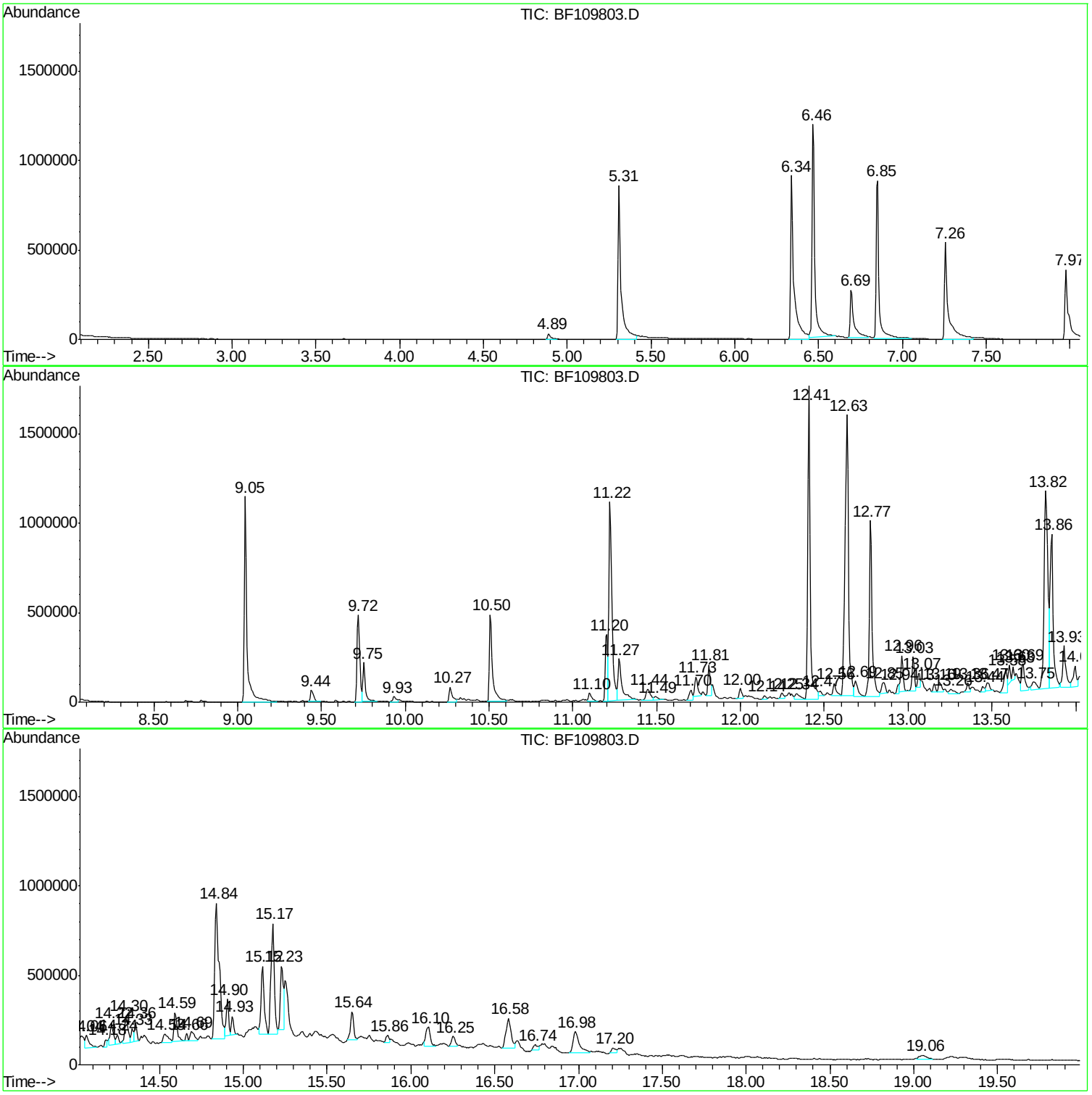
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109803.D
Acq On : 11 Oct 2018 22:55
Operator : JU/SJ
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

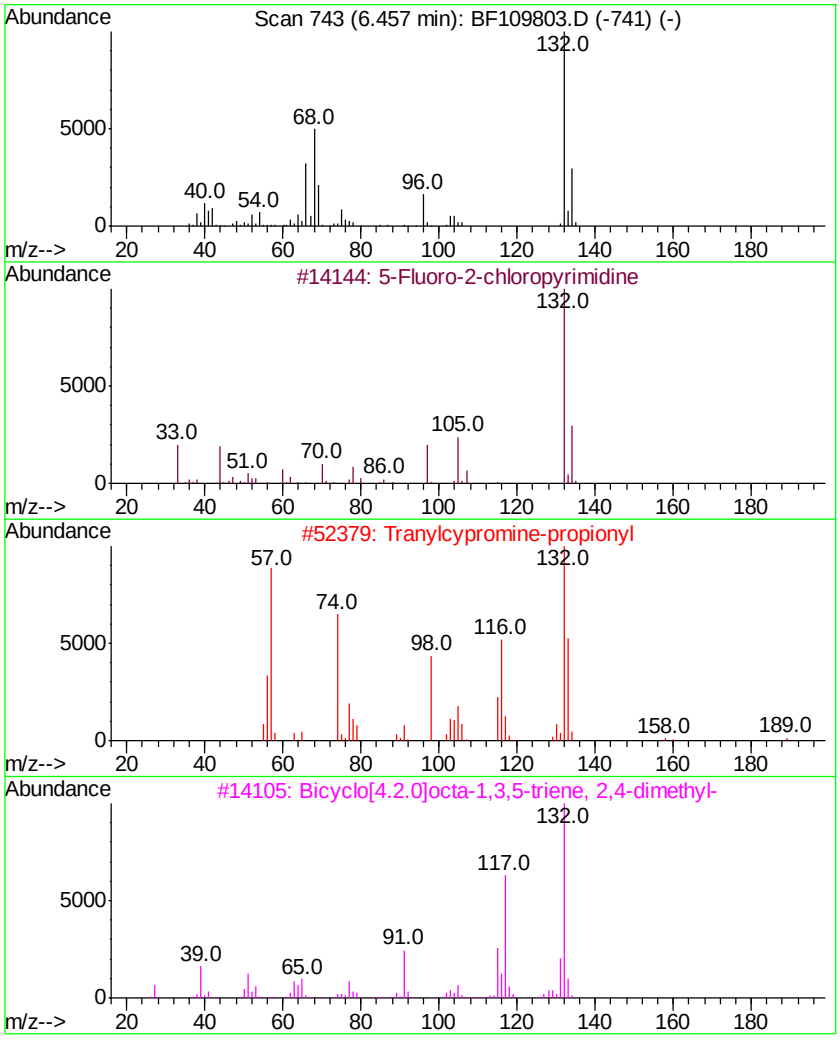
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

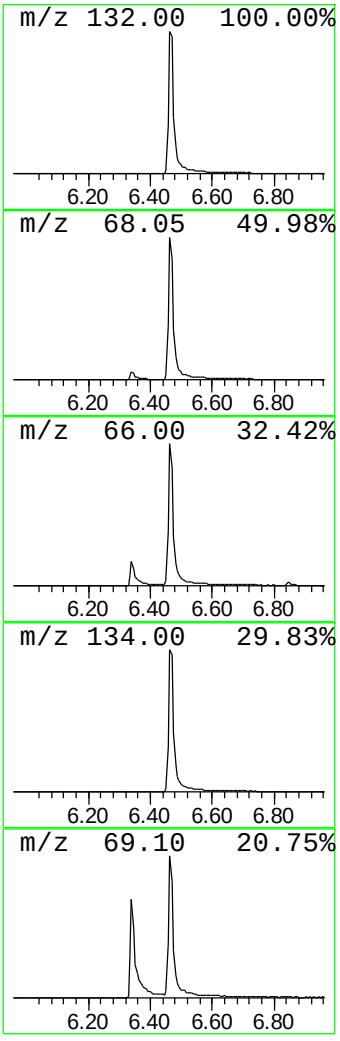
****

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	67.59 ng	1422060	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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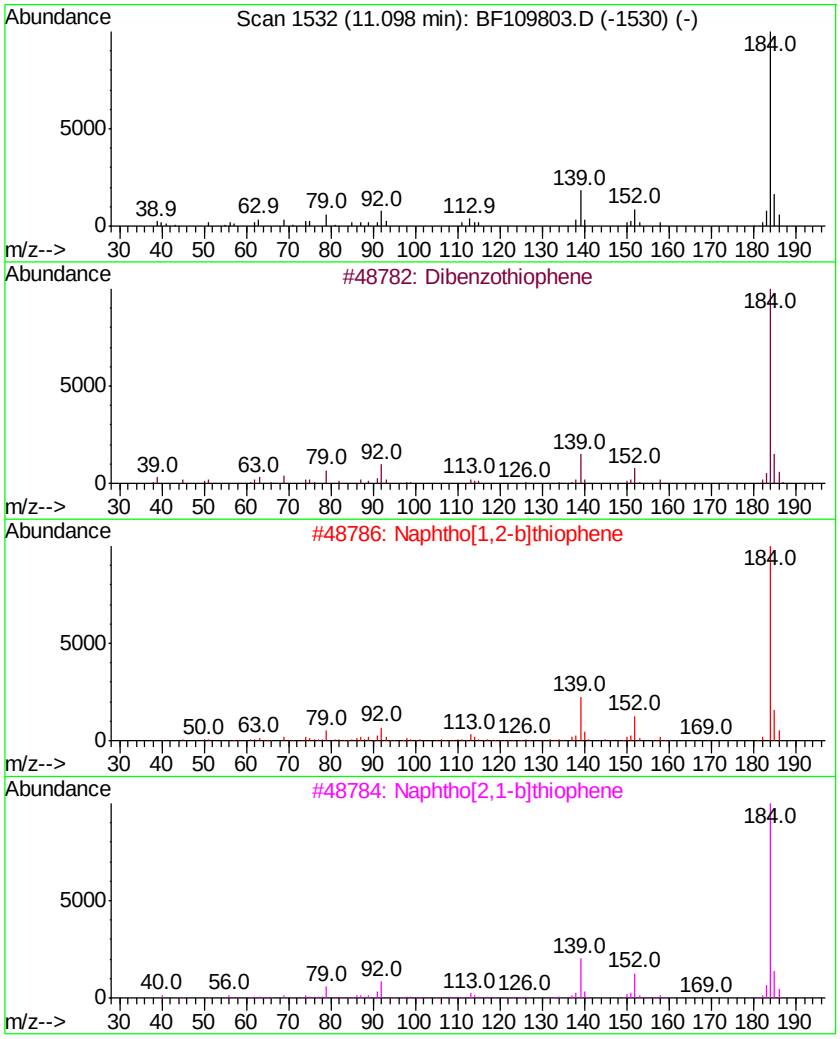
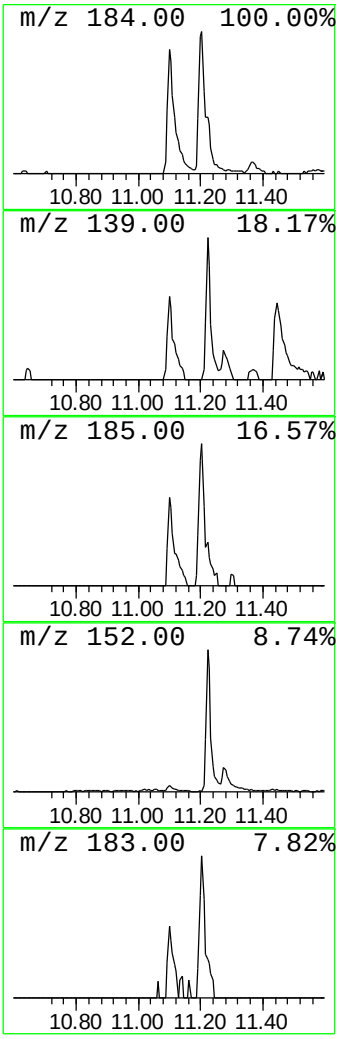
Peak Number 3 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.78 ng	56137	Phenanthrene-d10	11.20

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





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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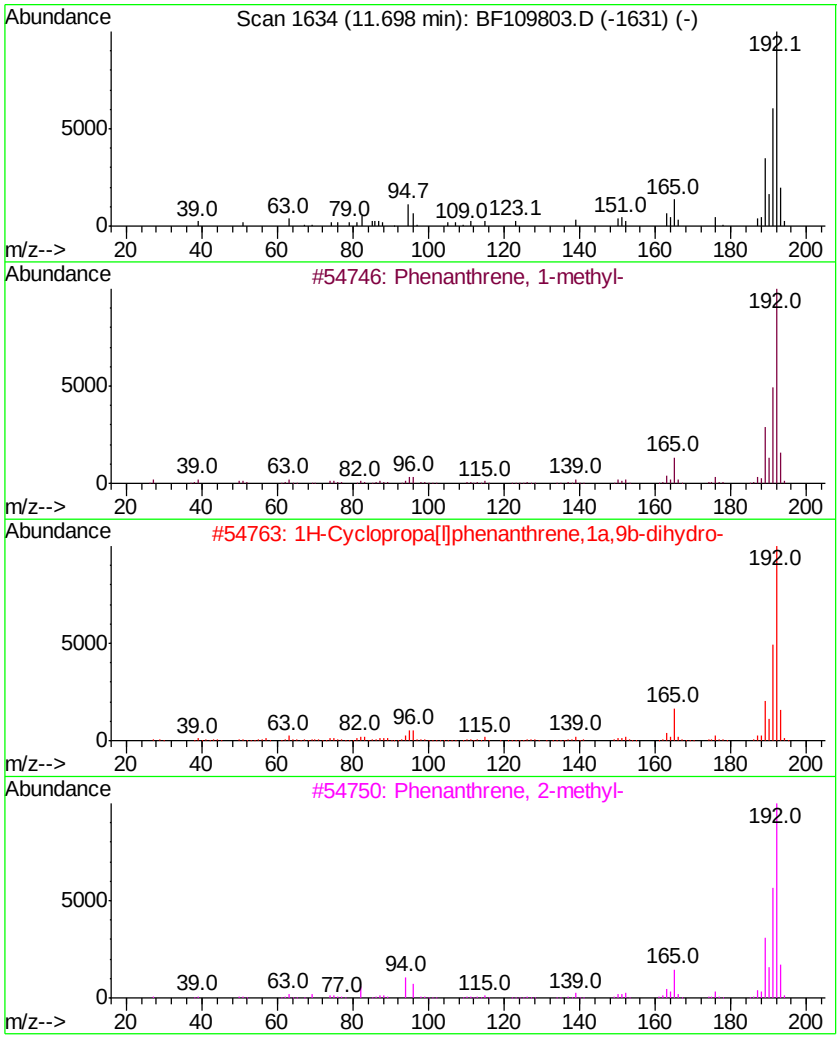
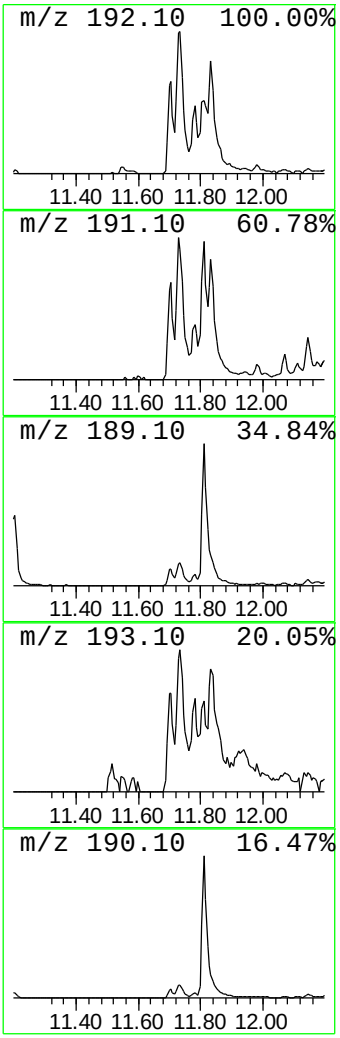
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.59 ng	72368	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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TIC Library : C:\DATABASE\NIST11.L
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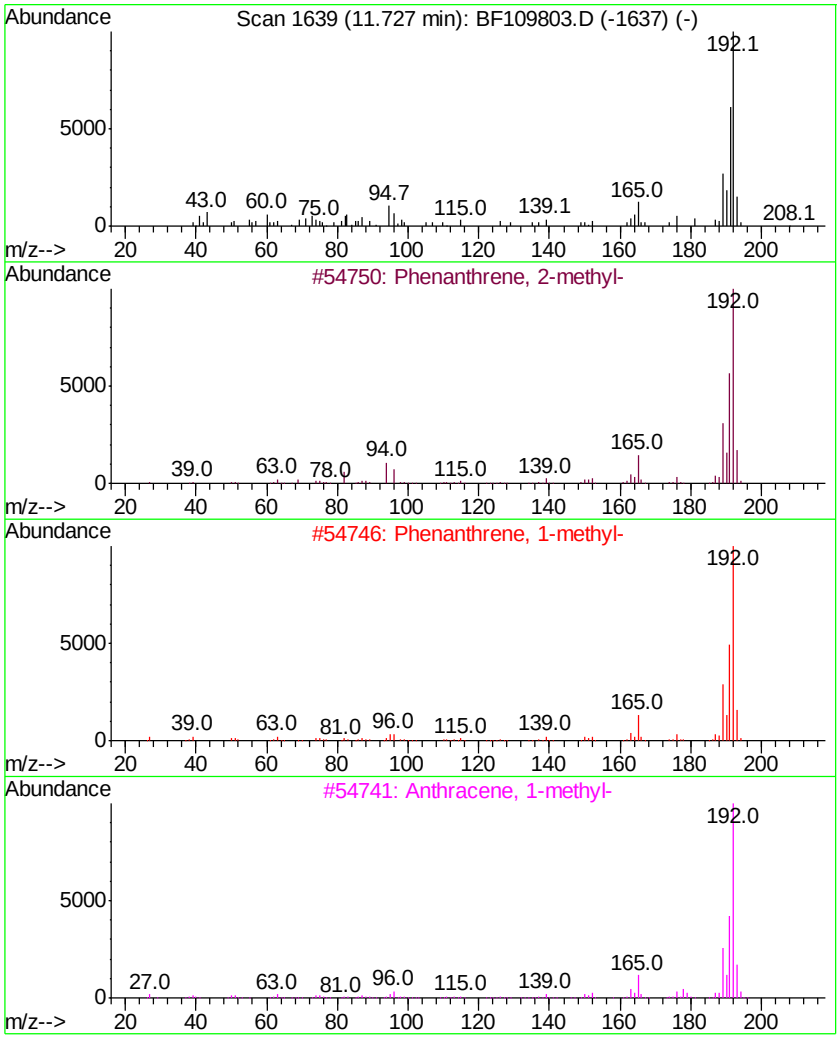
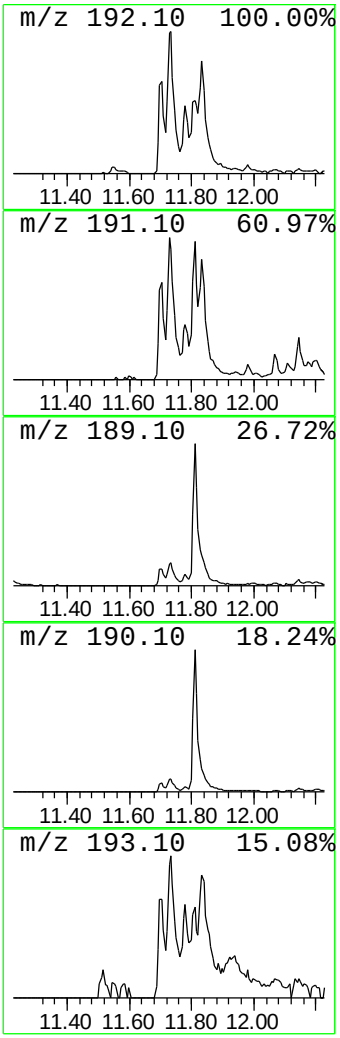
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.46 ng	150480	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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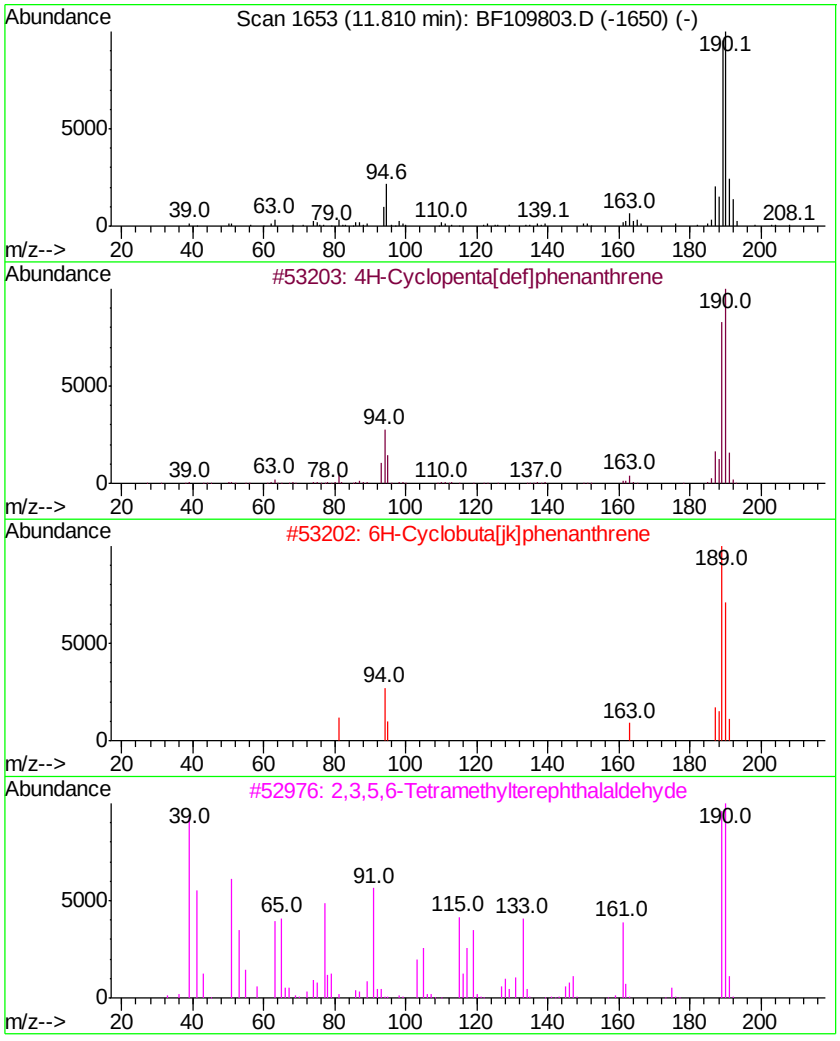
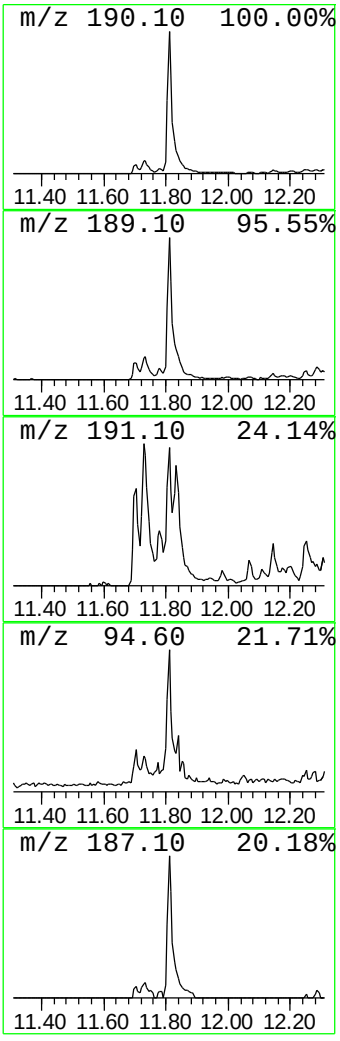
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	9.23 ng	186175	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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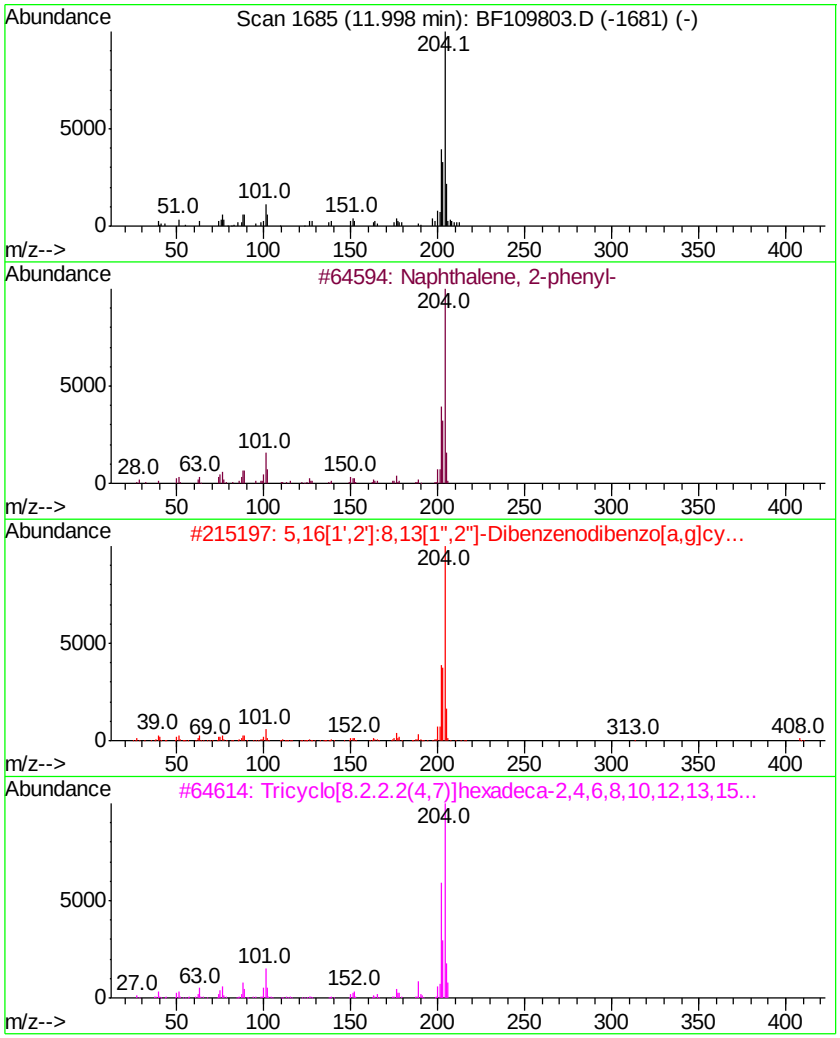
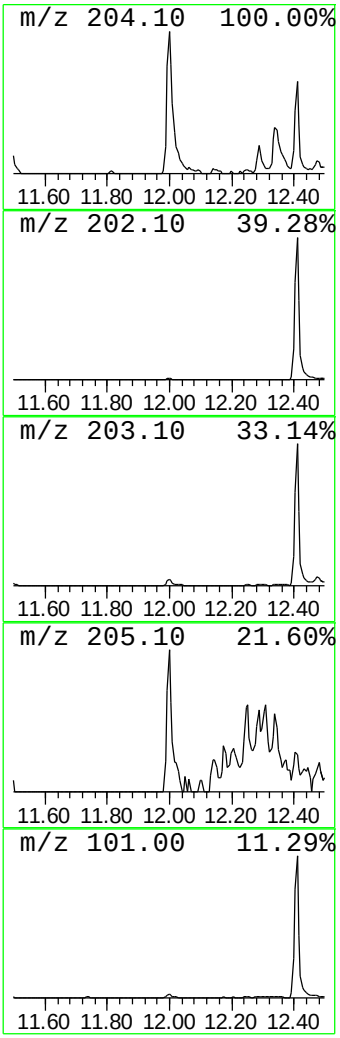
Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.14 ng	63295	Phenanthrene-d10	11.20

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	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50





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Operator : JU/SJ
Sample : J5314-01
Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

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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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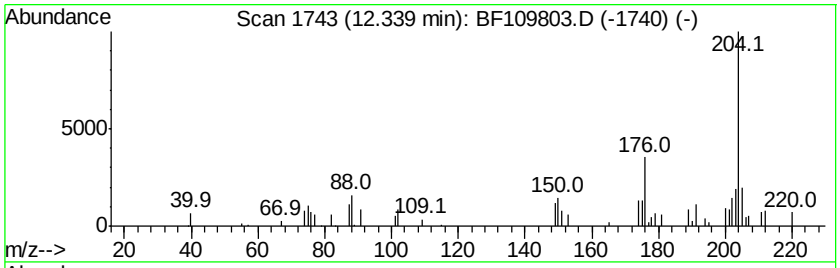
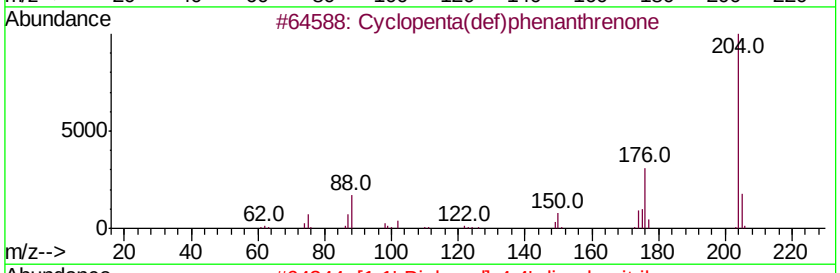
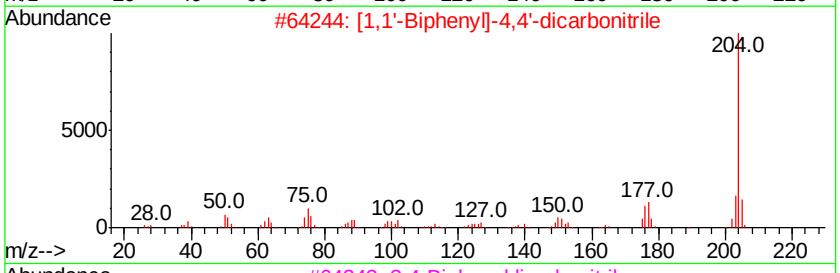
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 18

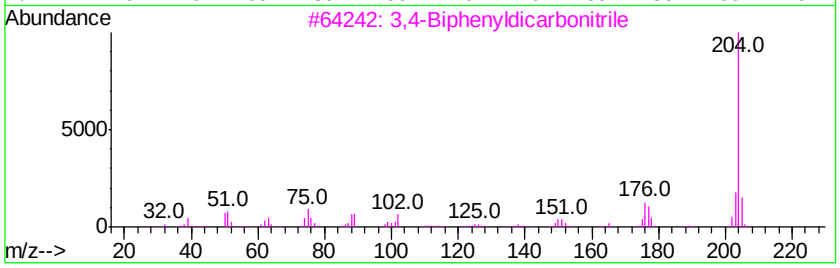
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.72 ng	54835	Phenanthrene-d10	11.20

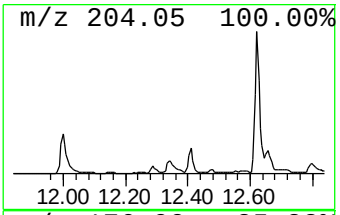
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53

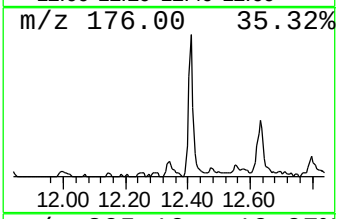


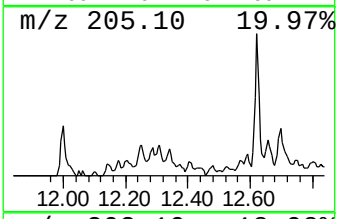


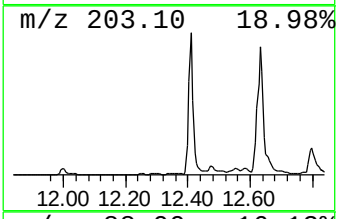


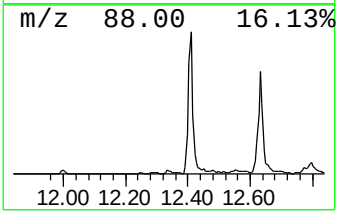












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Acq On : 11 Oct 2018 22:55
Operator : JU/SJ
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : DOCUMENTATION-18

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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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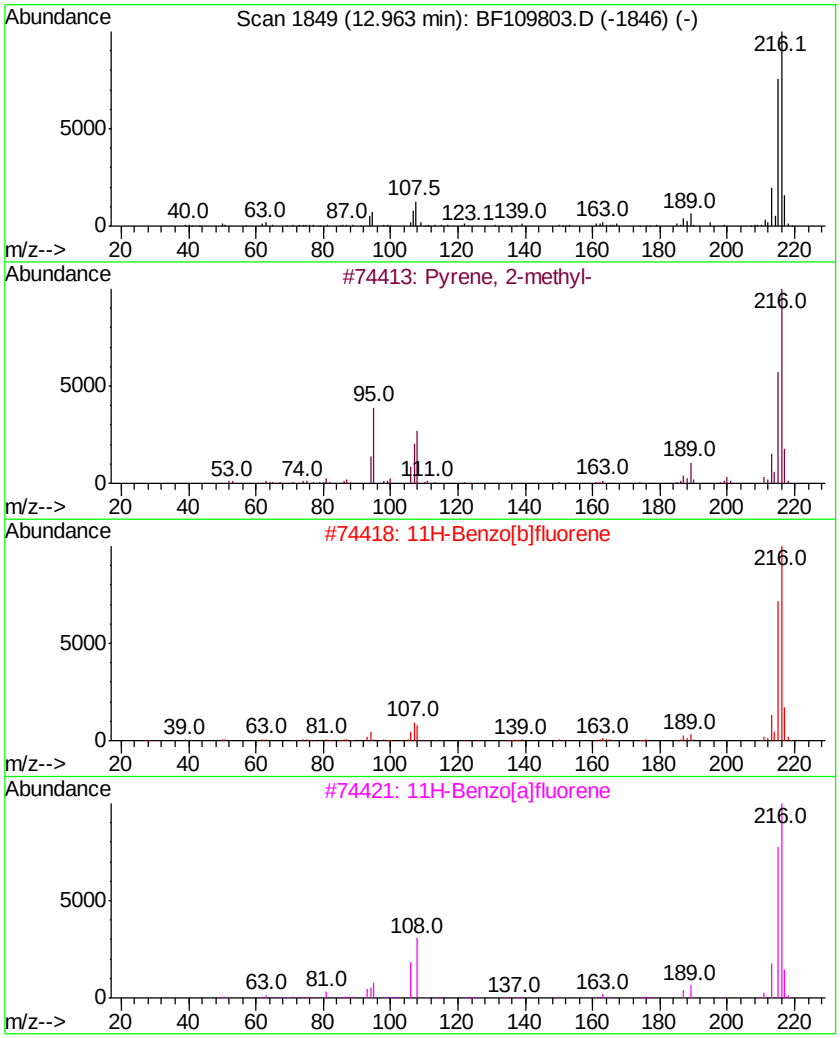
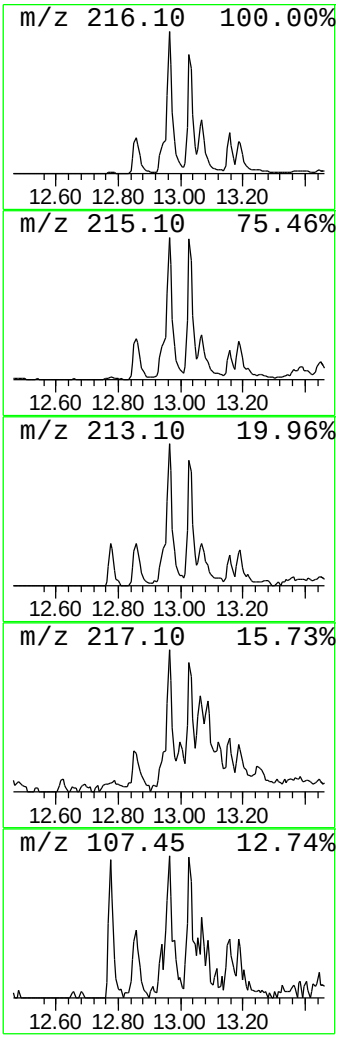
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.21 ng	211923	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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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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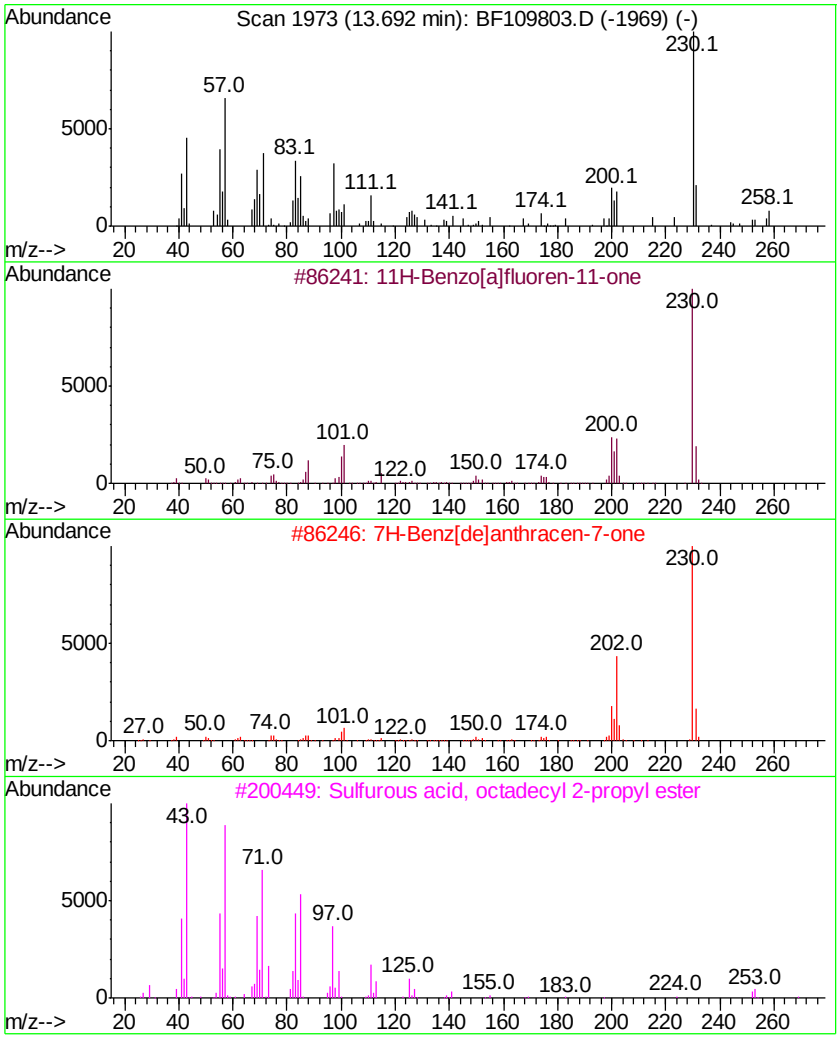
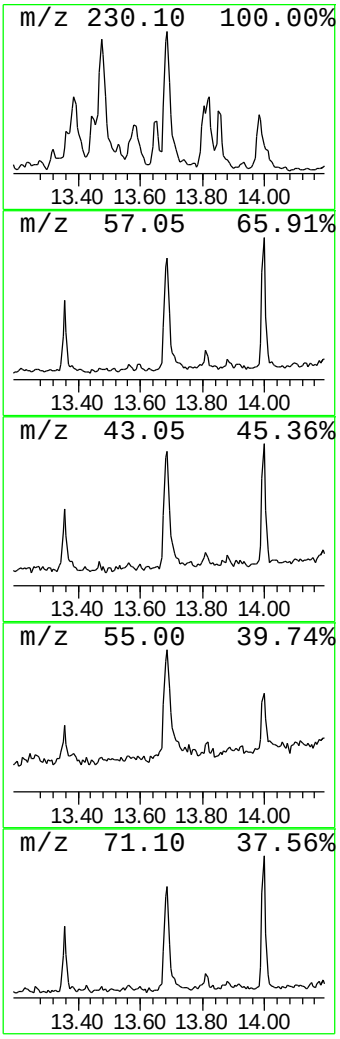
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.27 ng	217848	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	42
4	m-Terphenyl	230	C18H14	000092-06-8	30
5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	30





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ALS Vial : 20 Sample Multiplier: 1

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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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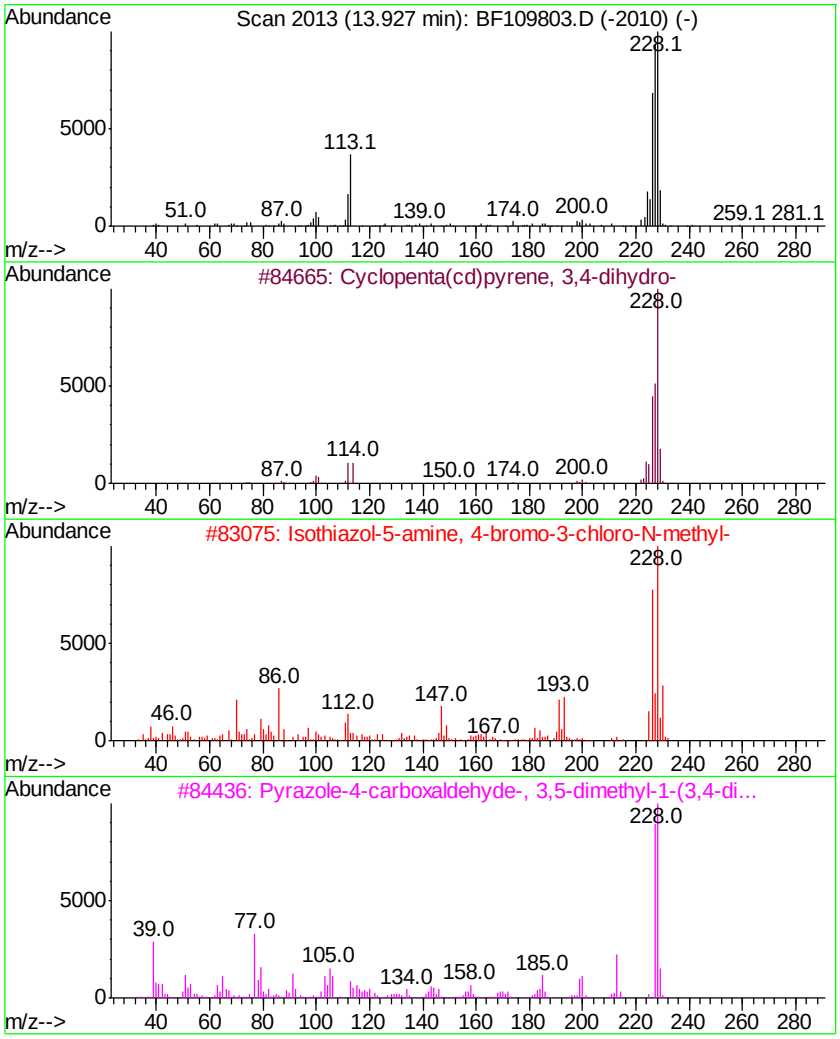
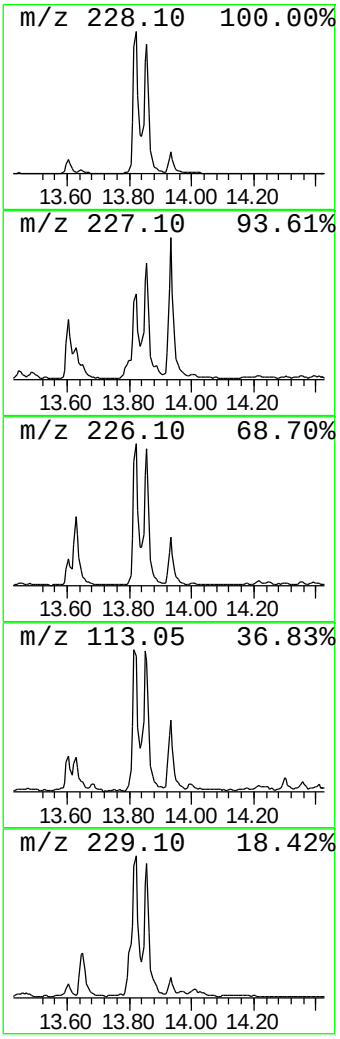
Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.02 ng	289275	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	42





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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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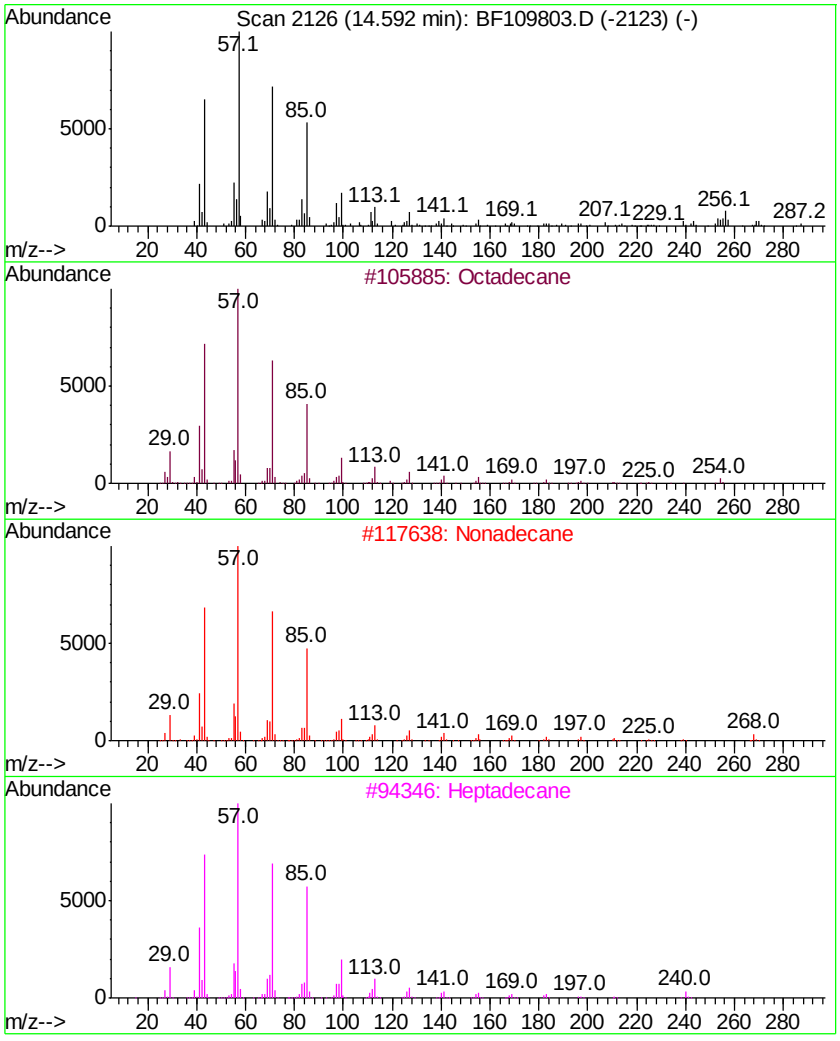
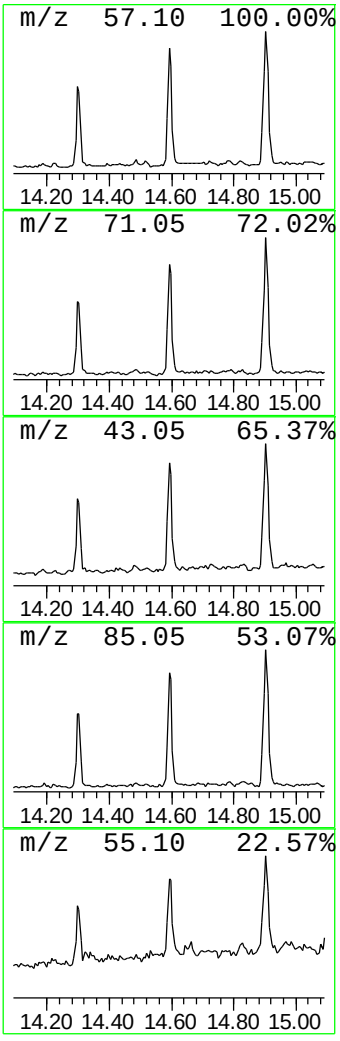
Peak Number 12 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.54 ng	190884	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





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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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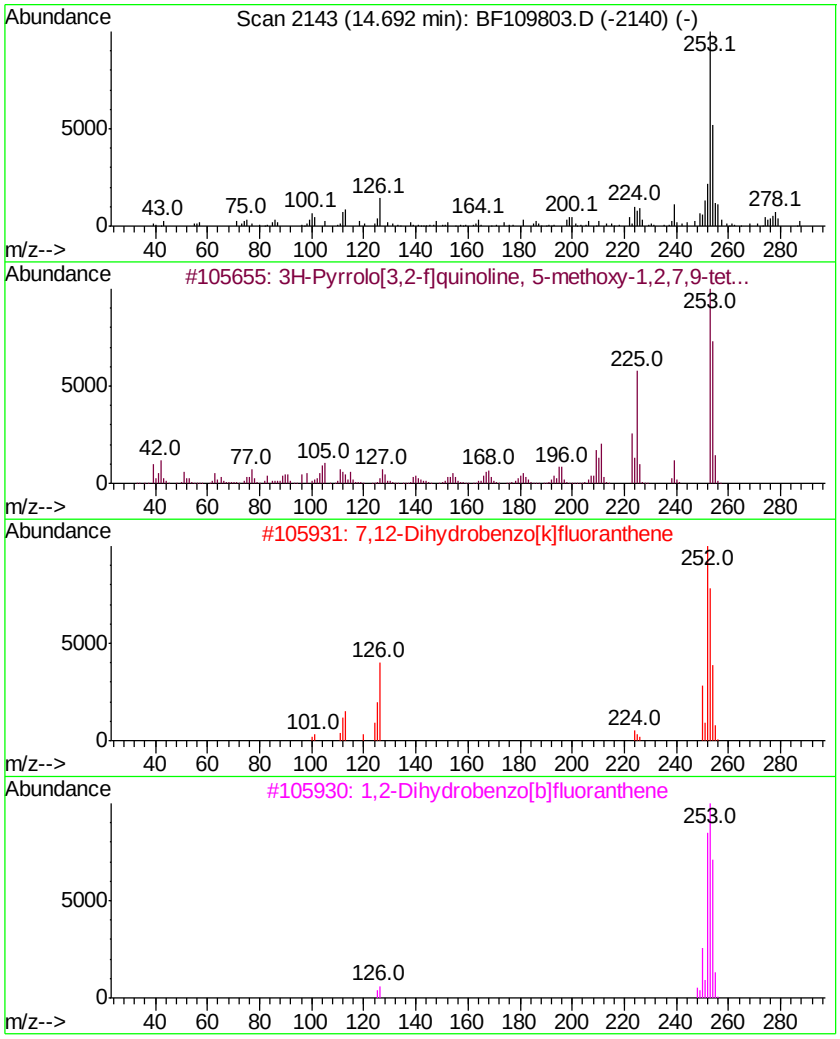
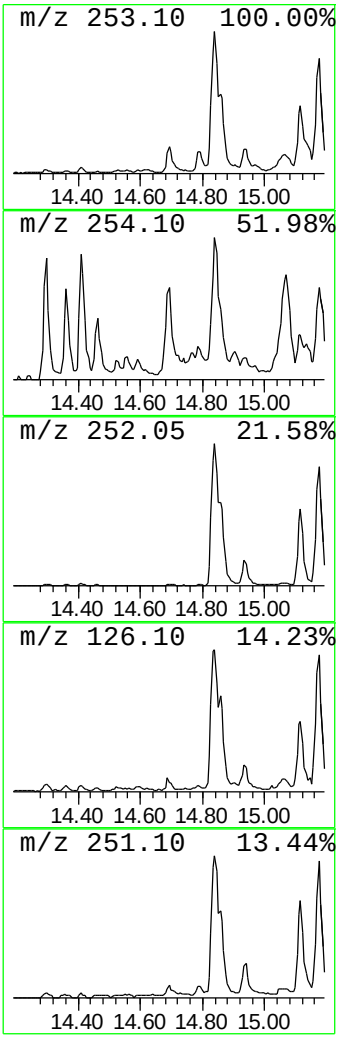
Peak Number 13 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.30 ng	83607	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	70
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	59
3	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	53
4	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	53
5	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	50





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

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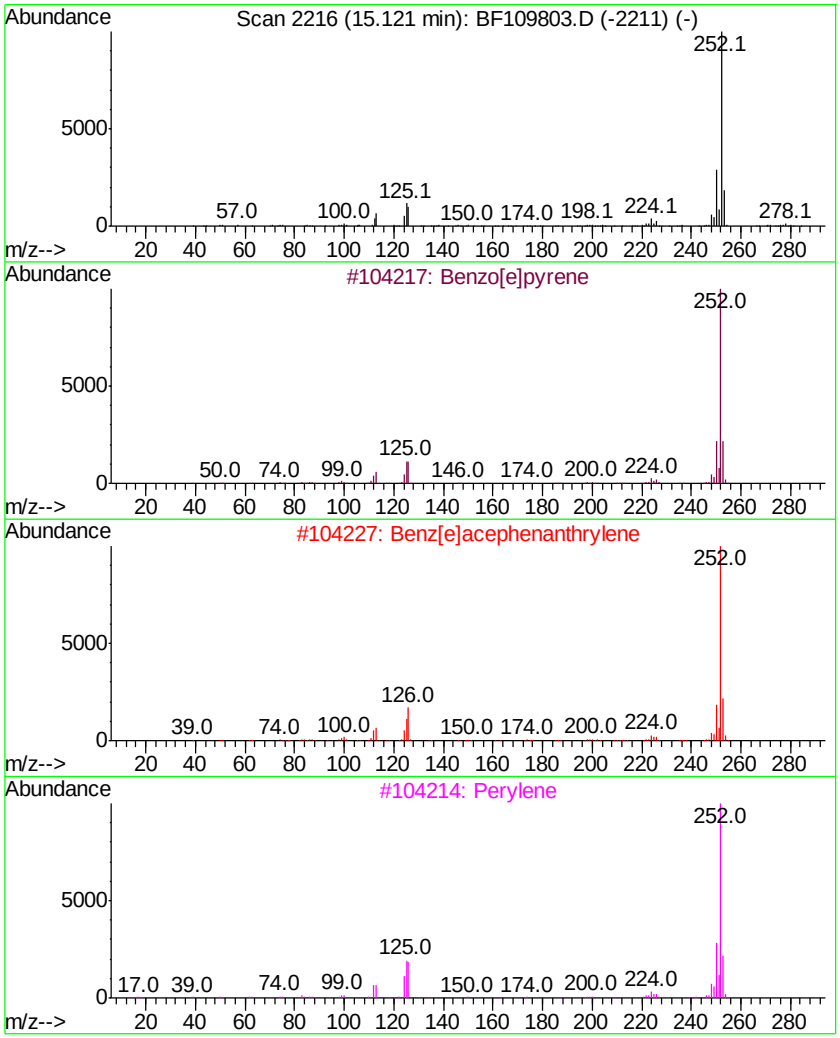
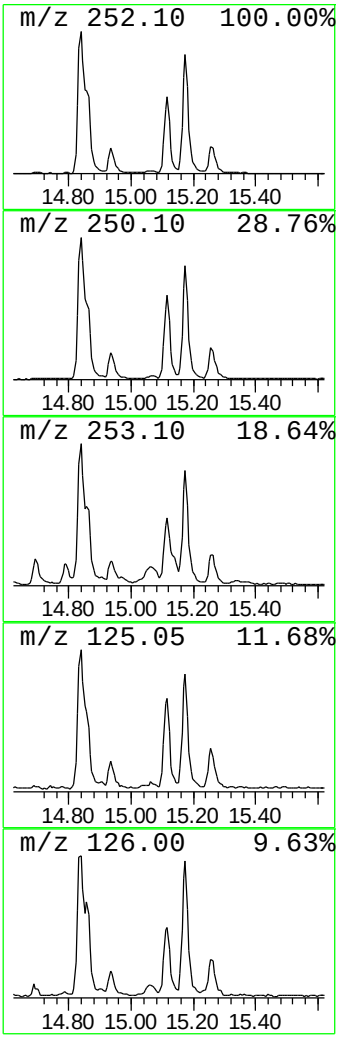
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	20.48 ng	518545	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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TIC Library : C:\DATABASE\NIST11.L
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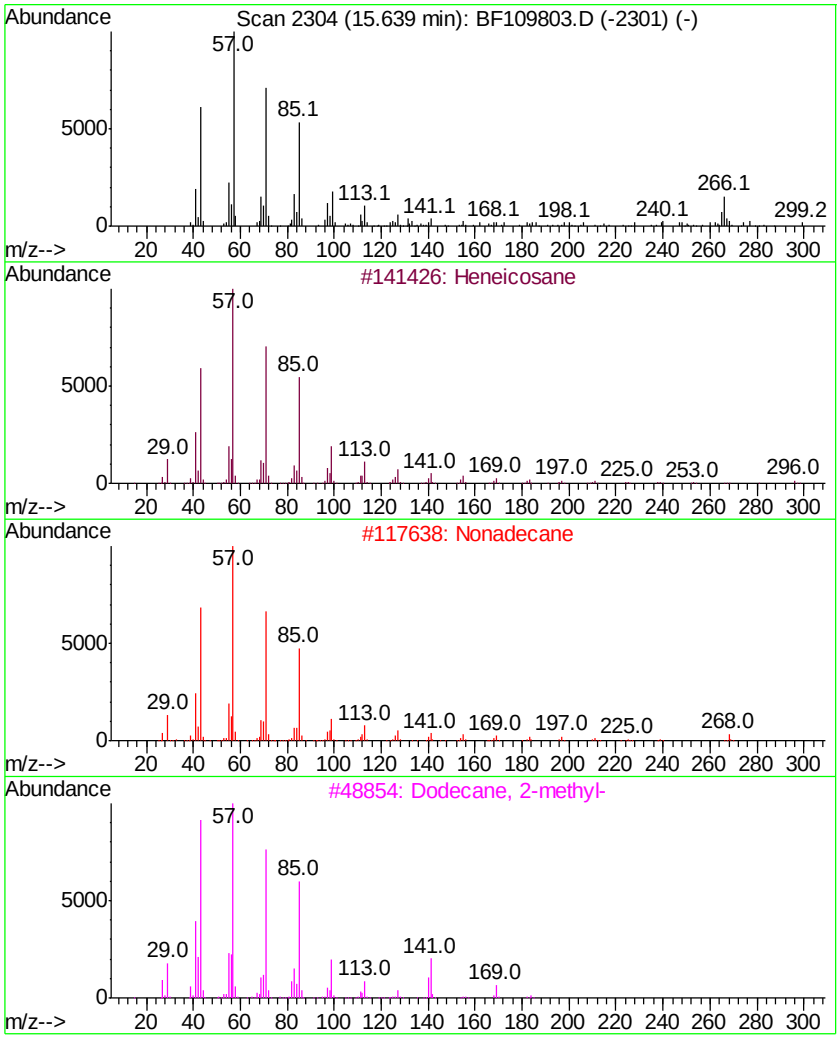
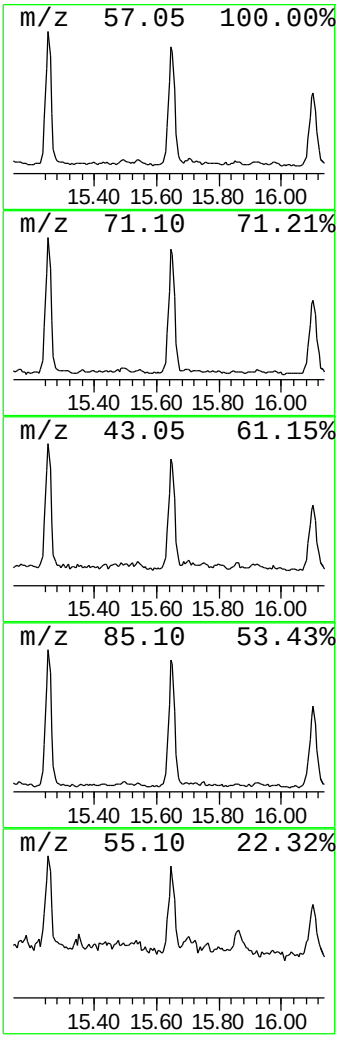
Peak Number 17 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	8.65 ng	219002	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane	282	C20H42	000112-95-8	87





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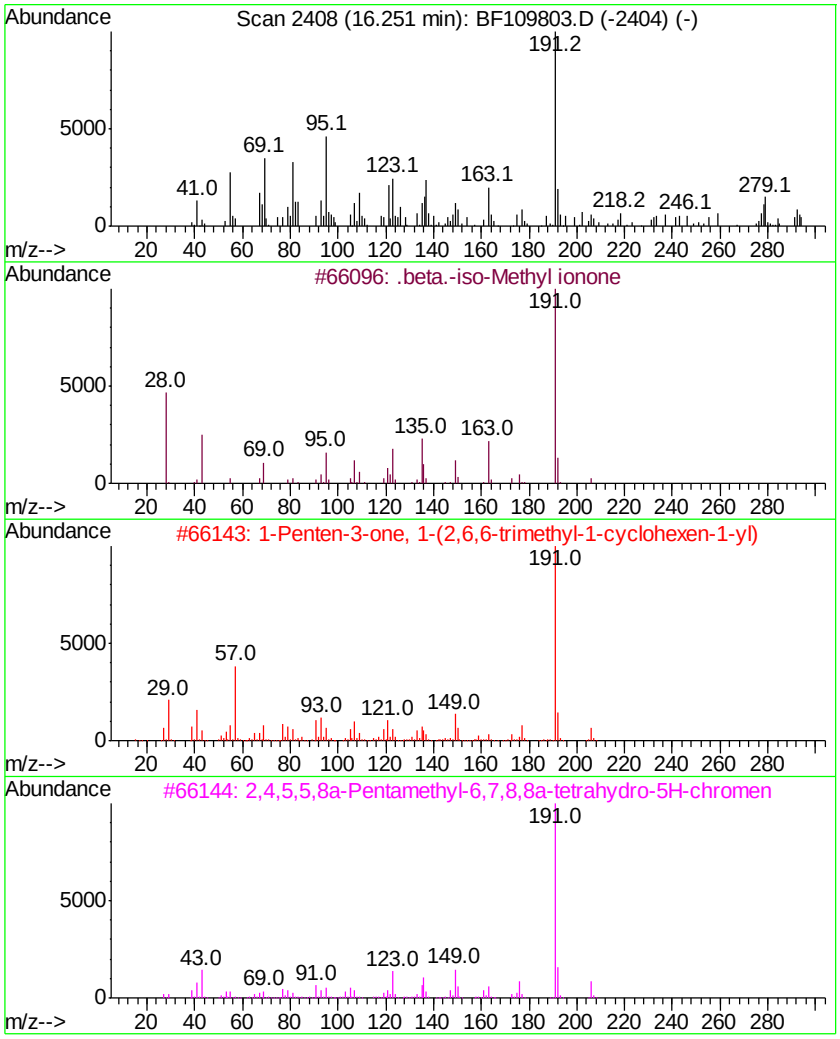
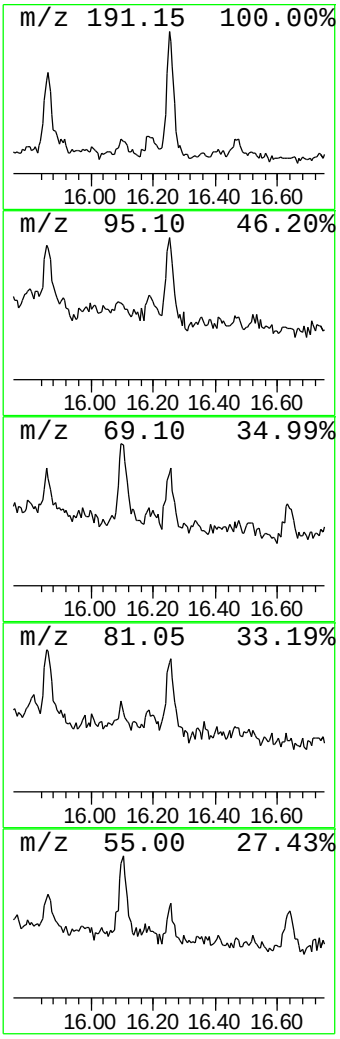
Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	3.86 ng	97834	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	42
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
4	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	35
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	35





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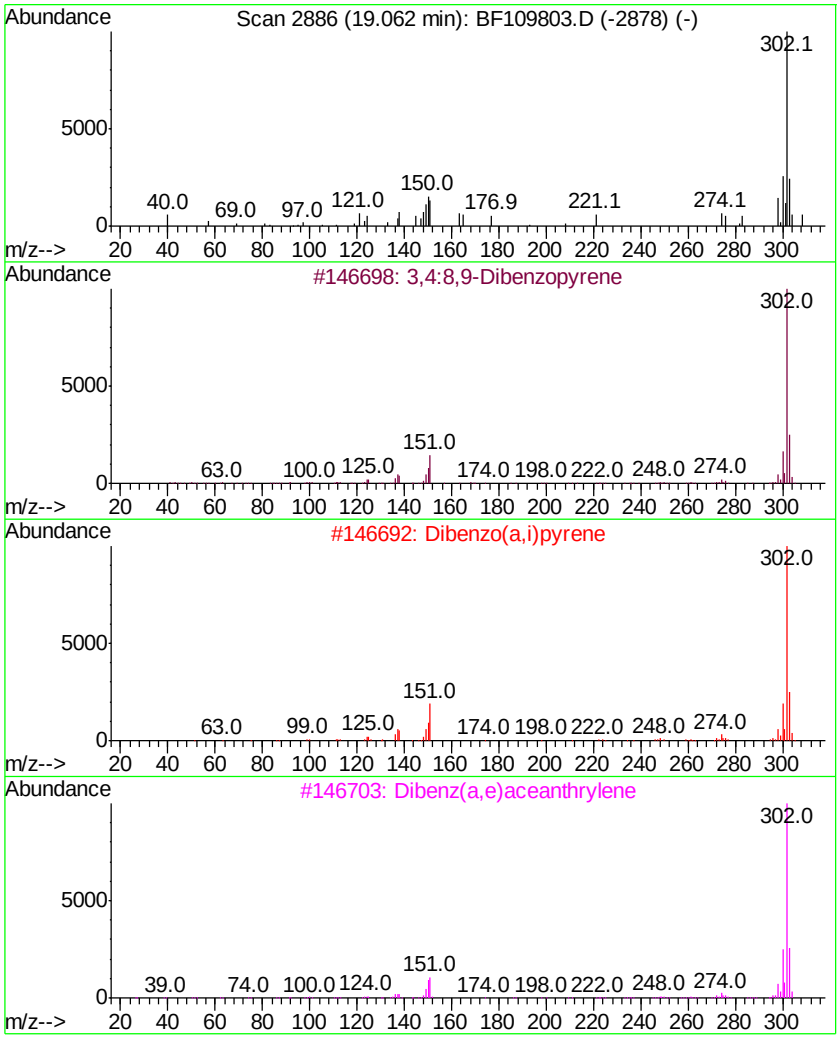
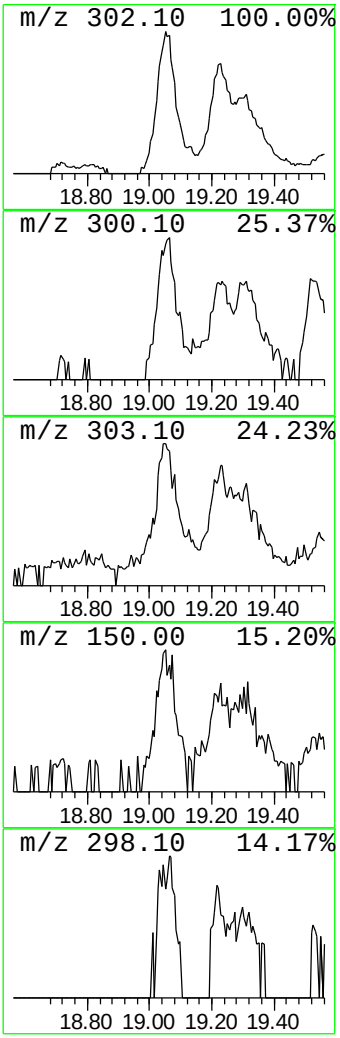
Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.05 ng	77125	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	62
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	58
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
5	Benzo[4,5]thiazolo[2,3-c][1,2,4]...	302	C15H6N6S	1000303-95-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
Data File : BF109803.D
Acq On : 11 Oct 2018 22:55
Operator : JU/SJ
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.46	6.46	67.6	ng	1422060	1	6.69	420789	20.0
Dibenzothiophene	11.10	2.8	ng	56137	4	11.20	403444	20.0
Phenanthrene, 1-m...	11.70	3.6	ng	72368	4	11.20	403444	20.0
Phenanthrene, 2-m...	11.73	7.5	ng	150480	4	11.20	403444	20.0
4H-Cyclopenta[def...	11.81	9.2	ng	186175	4	11.20	403444	20.0
Tricyclo[8.2.2.2(...	12.00	3.1	ng	63295	4	11.20	403444	20.0
Cyclopenta(def)ph...	12.34	2.7	ng	54835	4	11.20	403444	20.0
Pyrene, 2-methyl-	12.96	2.2	ng	211923	5	13.83	1918370	20.0
11H-Benzo[a]fluor...	13.69	2.3	ng	217848	5	13.83	1918370	20.0
Cyclopenta(cd)pyr...	13.93	3.0	ng	289275	5	13.83	1918370	20.0
Octadecane	14.59	7.5	ng	190884	6	15.23	506406	20.0
3H-Pyrrolo[3,2-f]...	14.69	3.3	ng	83607	6	15.23	506406	20.0
Benzo[e]pyrene	15.12	20.5	ng	518545	6	15.23	506406	20.0
Heneicosane	15.64	8.7	ng	219002	6	15.23	506406	20.0
.beta.-iso-Methyl...	16.25	3.9	ng	97834	6	15.23	506406	20.0
3,4:8,9-Dibenzopy...	19.06	3.0	ng	77125	6	15.23	506406	20.0