LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

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-BF110818.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	2.234	21	25	33	rVB	82340	114067	7.44%	0.706%
2	5.181	522	526	536	rBV	36812	56517	3.69%	0.350%
3	5.563	587	591	613	rBV	1356897	1385374	90.36%	8.580%
4	6.569	758	762	782	rBV	1441480	1533162	100.00%	9.495%
5	6.710	782	786	792	rBV	1786292	1509347	98.45%	9.348%
6	6.940	822	825	833	rBV	406406	336411	21.94%	2.084%
7	7.093	848	851	865	rBV	1257834	1142755	74.54%	7.078%
8	7.504	917	921	937	rBV	938141	959413	62.58%	5.942%
9	8.222	1039	1043	1062	rVB	407580	448282	29.24%	2.776%
10	9.292	1221	1225	1234	rBV	1635262	1477535	96.37%	9.151%
11	9.686	1286	1292	1298	rBV	107654	118558	7.73%	0.734%
12	9.981	1339	1342	1346	rBV	520692	464208	30.28%	2.875%
13	10.598	1441	1447	1452	rBV4	12023	24185	1.58%	0.150%
14	10.775	1473	1477	1487	rBV	890335	878925	57.33%	5.444%
15	10.863	1489	1492	1503	rVB4	17507	33001	2.15%	0.204%
16	11.081	1523	1529	1531	rBV3	14504	22125	1.44%	0.137%
17	11.475	1592	1596	1599	rBV	470926	414952	27.07%	2.570%
18	11.557	1607	1610	1612	rBV	22937	22784	1.49%	0.141%
19	11.675	1626	1630	1634	rBV4	14409	20421	1.33%	0.126%
20	11.810	1647	1653	1660	rVB3	29873	41448	2.70%	0.257%
21	11.886	1663	1666	1671	rBV3	16784	26695	1.74%	0.165%
22	11.975	1678	1681	1685	rBV2	96254	119321	7.78%	0.739%
23	12.010	1685	1687	1690	rVB2	26370	21680	1.41%	0.134%
24	12.057	1692	1695	1698	rBV	27940	22016	1.44%	0.136%
25	12.092	1698	1701	1704	rBV	84069	94105	6.14%	0.583%
26	12.269	1728	1731	1734	rBV2	53179	55351	3.61%	0.343%
27	12.304	1735	1737	1741	rVB2	23224	30771	2.01%	0.191%
28	12.498	1767	1770	1772	rVB2	33755	28318	1.85%	0.175%
29	12.527	1772	1775	1778	rBV	82203	79152	5.16%	0.490%
30	12.569	1780	1782	1787	rVB3	39587	45917	2.99%	0.284%
31	12.610	1787	1789	1790	rBV	27701	20748	1.35%	0.129%
32	12.692	1799	1803	1807	rBV	252177	254766	16.62%	1.578%
33	12.763	1811	1815	1826	rVB8	34105	71023	4.63%	0.440%
34	12.845	1826	1829	1831	rBV2	31841	35440	2.31%	0.219%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.927	1840	1843	1848	rVB	365612	338654	22.09%	2.097%
36	12.975	1848	1851	1855	rVB2	31877	37090	2.42%	0.230%
37	13.057	1861	1865	1868	rBV	1178849	976553	63.70%	6.048%
38	13.145	1875	1880	1886	rBV4	42187	70386	4.59%	0.436%
39	13.198	1886	1889	1892	rBV3	15397	22004	1.44%	0.136%
40	13.251	1892	1898	1902	rBV	82256	125630	8.19%	0.778%
41	13.322	1904	1910	1913	rBV	76780	97822	6.38%	0.606%
42	13.357	1913	1916	1919	rBV	61221	72270	4.71%	0.448%
43	13.451	1929	1932	1935	rBV	60282	53305	3.48%	0.330%
44	13.486	1935	1938	1940	rVV	61355	56606	3.69%	0.351%
45	13.657	1964	1967	1969	rBV4	15477	21414	1.40%	0.133%
46	13.739	1978	1981	1983	rBV4	20965	21840	1.42%	0.135%
47	13.769	1984	1986	1989	rVB2	34673	33134	2.16%	0.205%
48	13.880	2002	2005	2007	rBV	49505	44057	2.87%	0.273%
49	13.898	2007	2008	2011	rVB	43659	33027	2.15%	0.205%
50	13.933	2011	2014	2017	rBV2	81400	88310	5.76%	0.547%
51	13.980	2020	2022	2028	rVB	27216	34222	2.23%	0.212%
52	14.045	2028	2033	2041	rBV3	24673	59539	3.88%	0.369%
53	14.127	2041	2047	2050	rBV2	445273	590657	38.53%	3.658%
54	14.151	2050	2051	2058	rVB	178570	161457	10.53%	1.000%
55	14.239	2063	2066	2071	rVB3	42429	59051	3.85%	0.366%
56	14.292	2071	2075	2078	rBV5	21435	28971	1.89%	0.179%
57	14.480	2104	2107	2108	rBV	18597	18360	1.20%	0.114%
58	14.516	2108	2113	2116	rVV	67467	81581	5.32%	0.505%
59	14.551	2116	2119	2122	rVV	54796	53891	3.52%	0.334%
60	14.645	2133	2135	2137	rBV2	32847	31957	2.08%	0.198%
61	14.669	2137	2139	2141	rVB2	37602	29194	1.90%	0.181%
62	14.868	2168	2173	2179	rBV2	50694	74697	4.87%	0.463%
63	14.945	2184	2186	2191	rVB3	32020	38867	2.54%	0.241%
64	15.033	2199	2201	2204	rVB4	21539	20921	1.36%	0.130%
65	15.210	2226	2231	2237	rBV2	96828	216785	14.14%	1.343%
66	15.316	2247	2249	2253	rVB2	23865	24263	1.58%	0.150%
67	15.521	2281	2284	2289	rVB	64149	77722	5.07%	0.481%
68	15.592	2292	2296	2303	rBV3	104307	184585	12.04%	1.143%
69	15.657	2303	2307	2311	rBV	243756	295996	19.31%	1.833%
70	16.063	2373	2376	2381	rVB2	30079	45318	2.96%	0.281%
71	17.410	2603	2605	2611	rVB6	10603	17385	1.13%	0.108%

LSC Area Percent Report

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Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTW-01(6-10)

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16146294

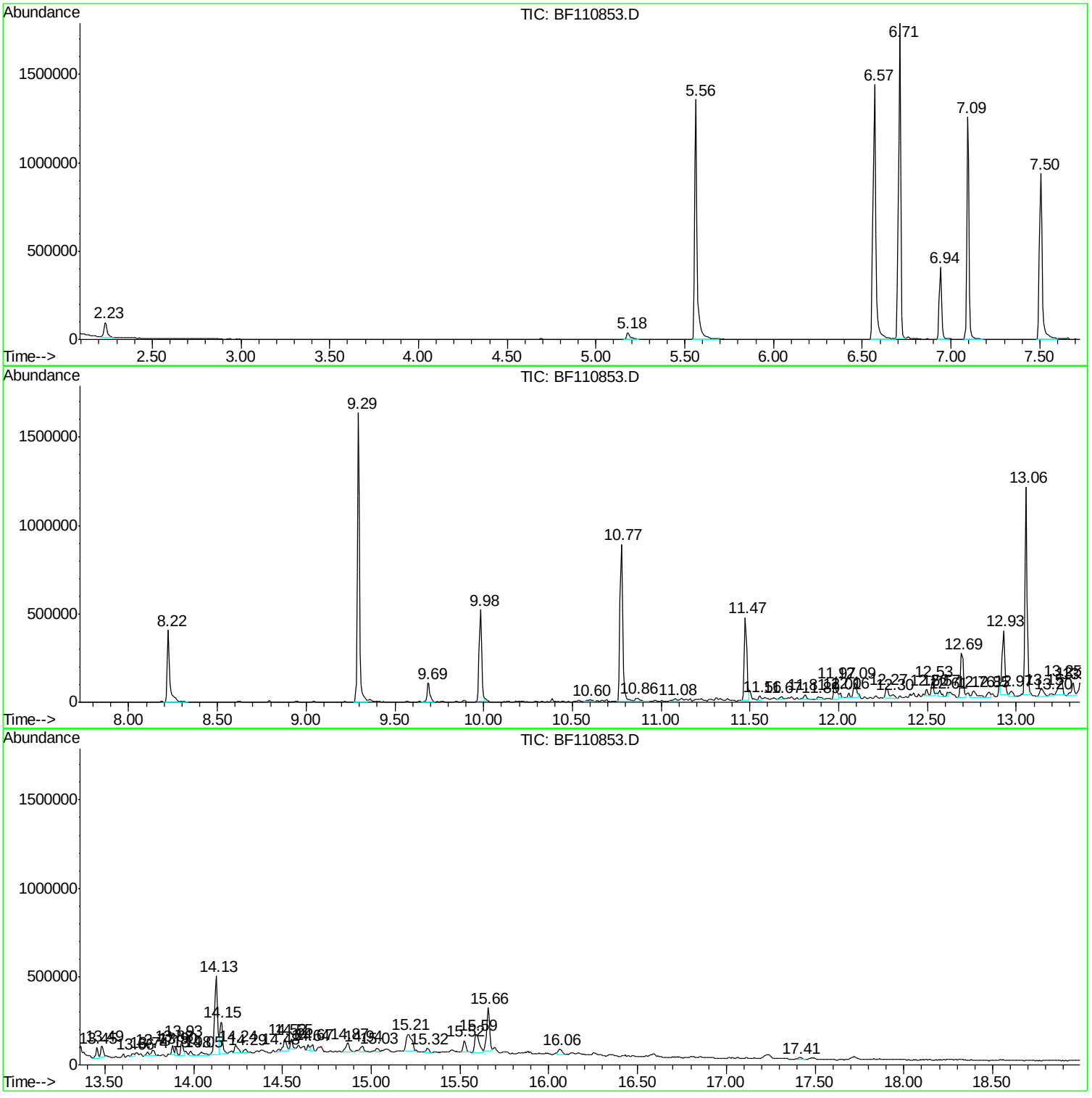
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

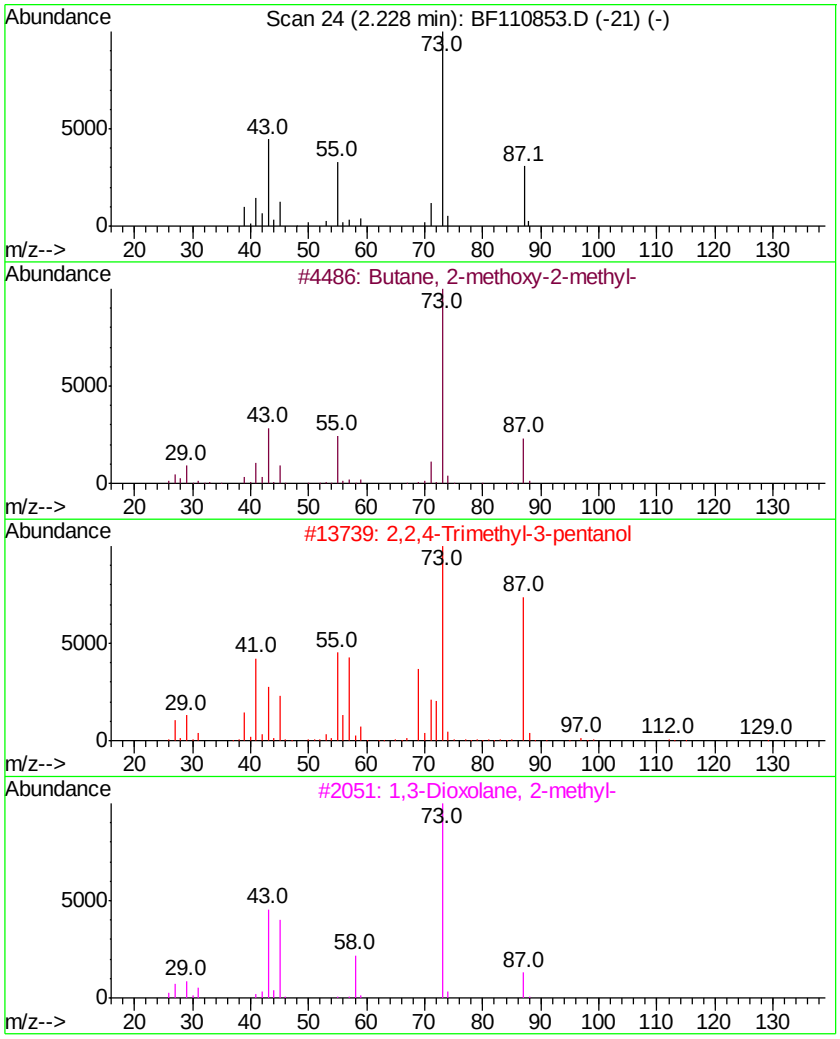
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

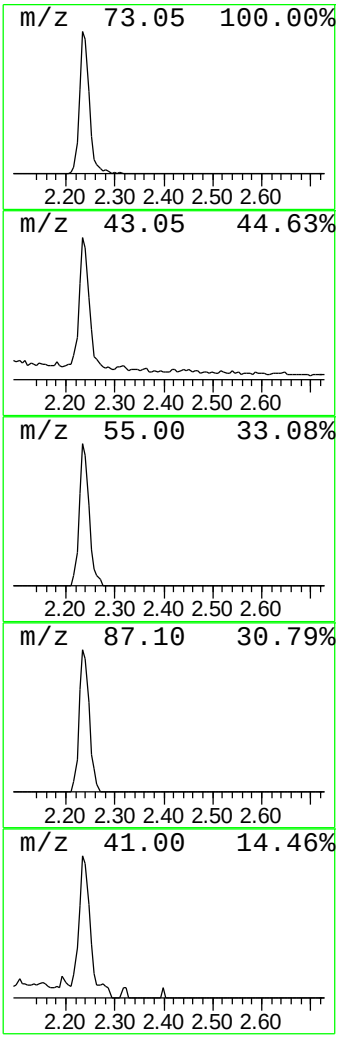
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	6.78 ng	114067	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

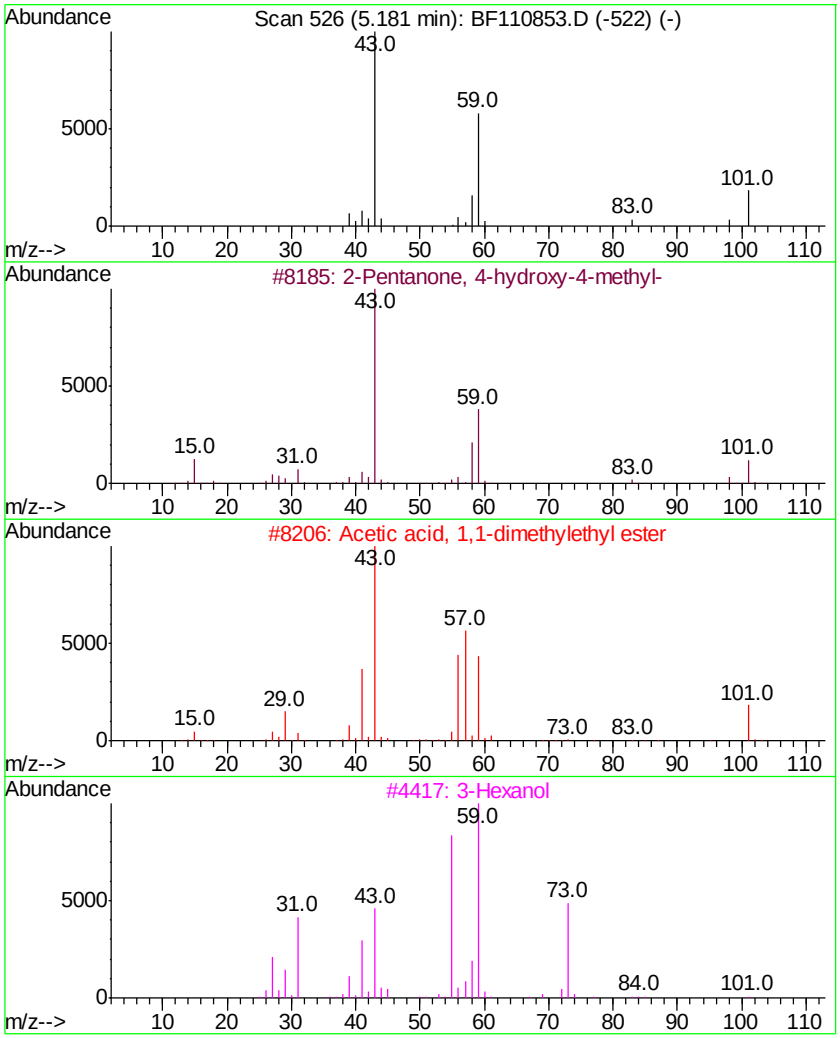
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

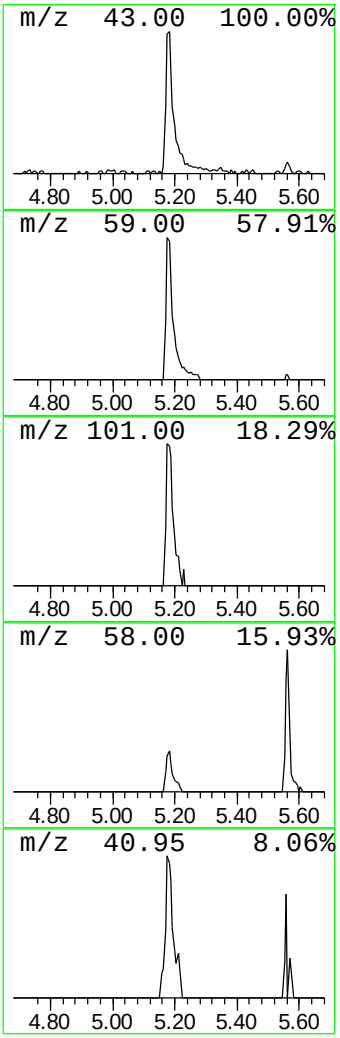
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.36 ng	56517	1,4-Dichlorobenzene-d4	6.94

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	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

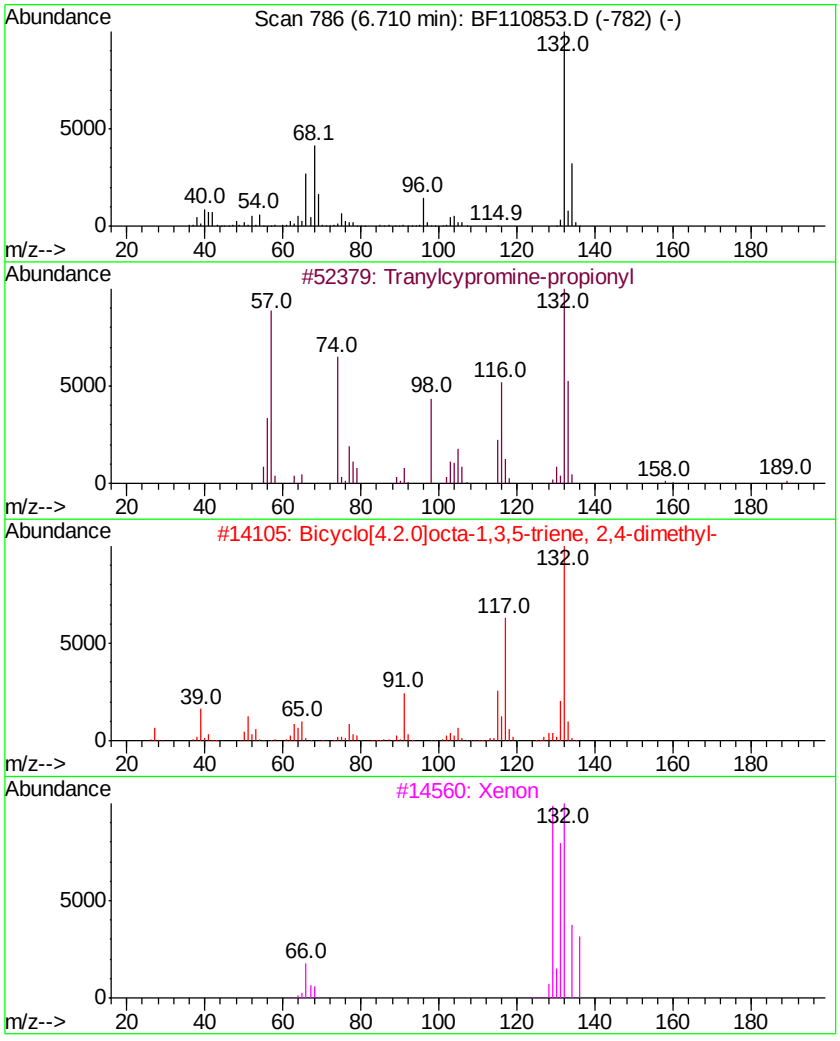
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

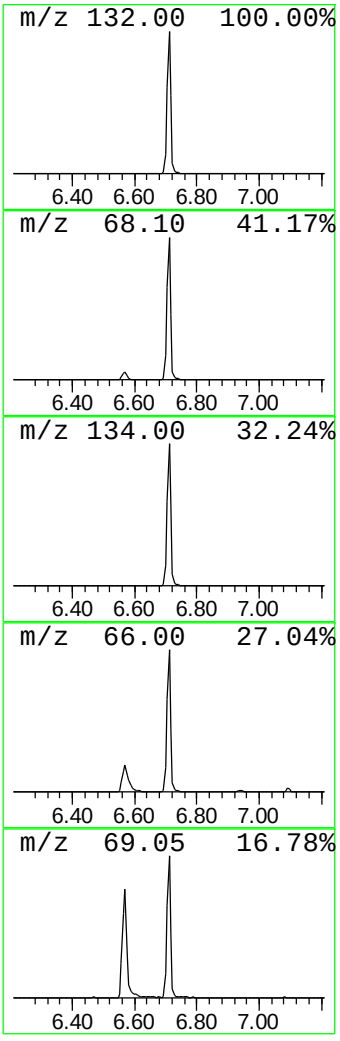
****

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	89.73 ng	1509350	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Xenon	132	Xe	007440-63-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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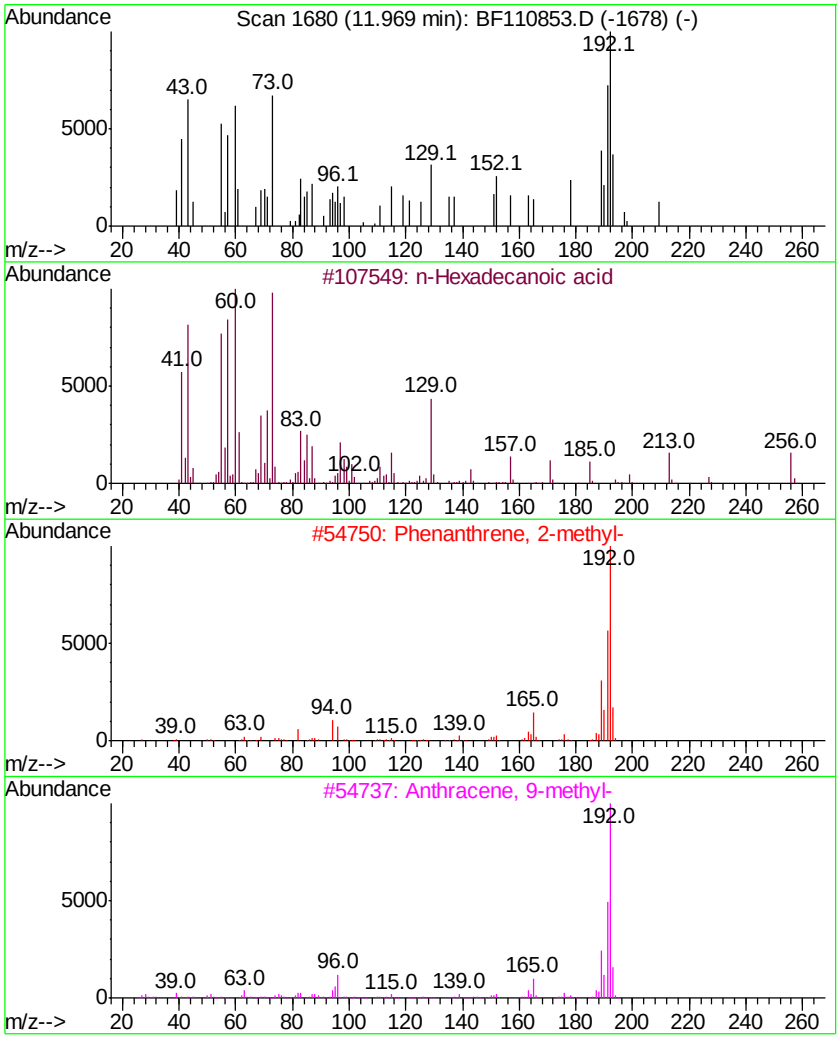
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

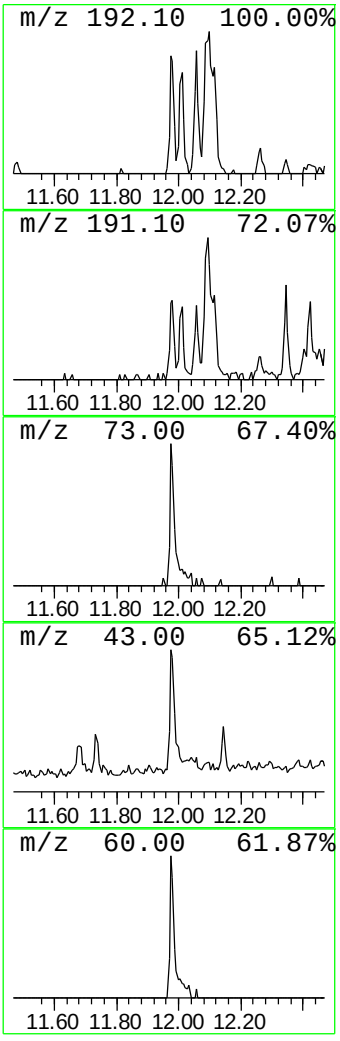
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.75 ng	119321	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

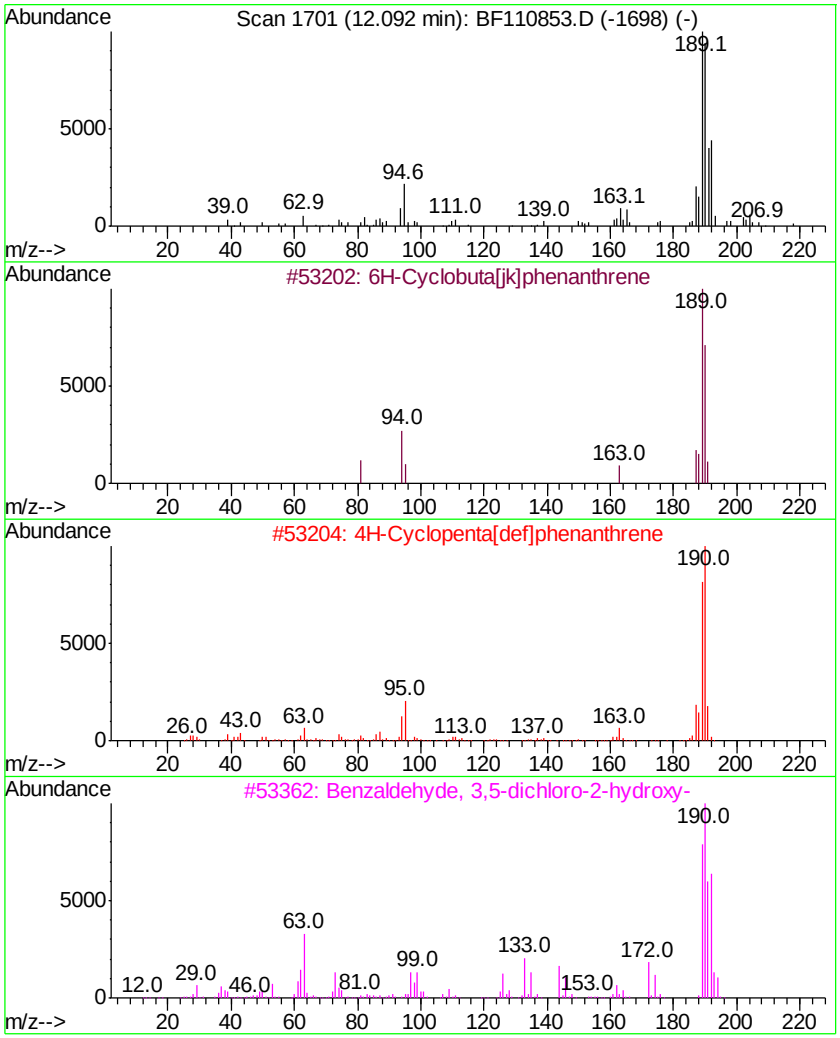
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

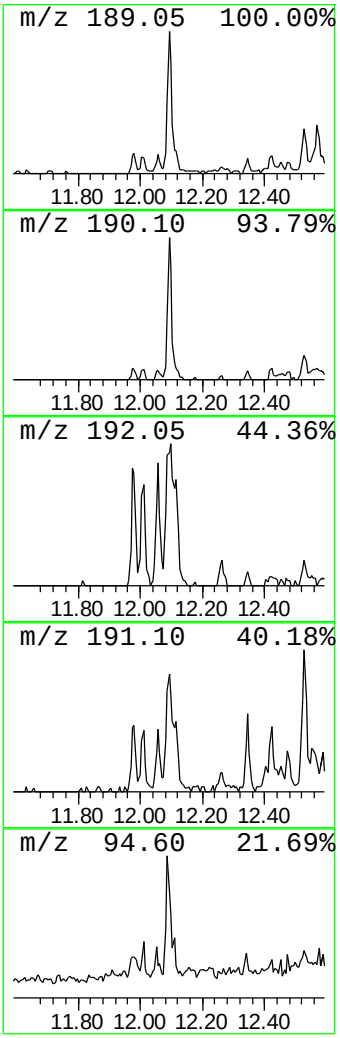
****

Peak Number 6 6H-Cyclobuta[jk]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.54 ng	94105	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





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Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

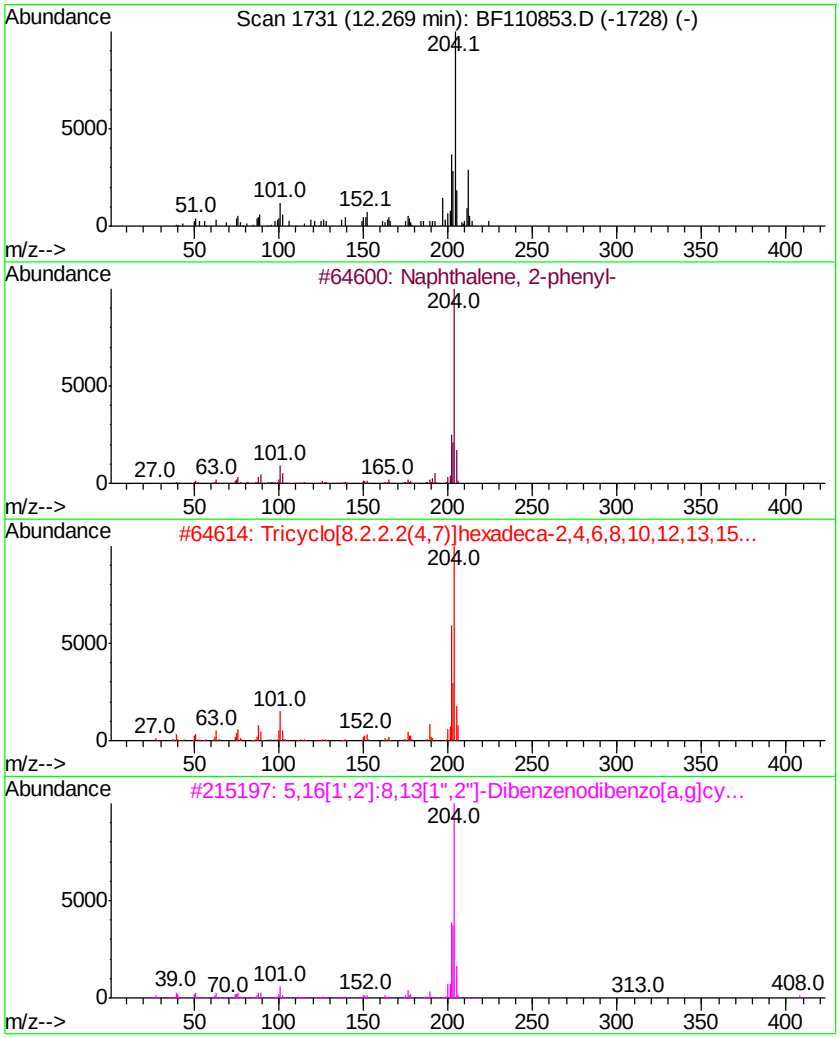
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

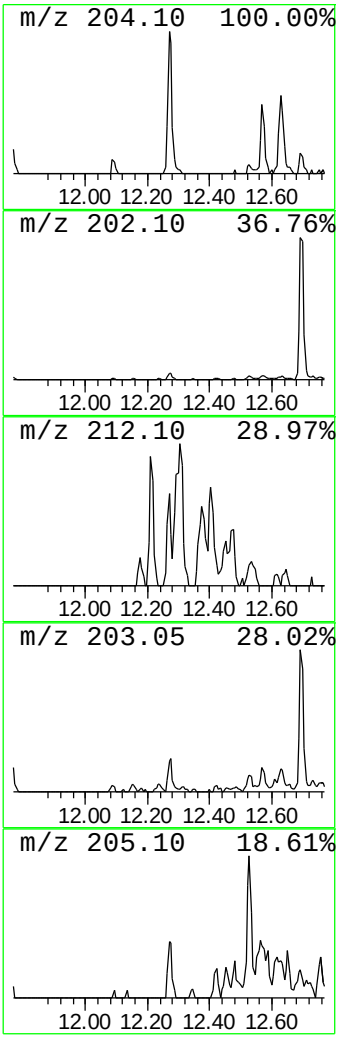
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.67 ng	55351	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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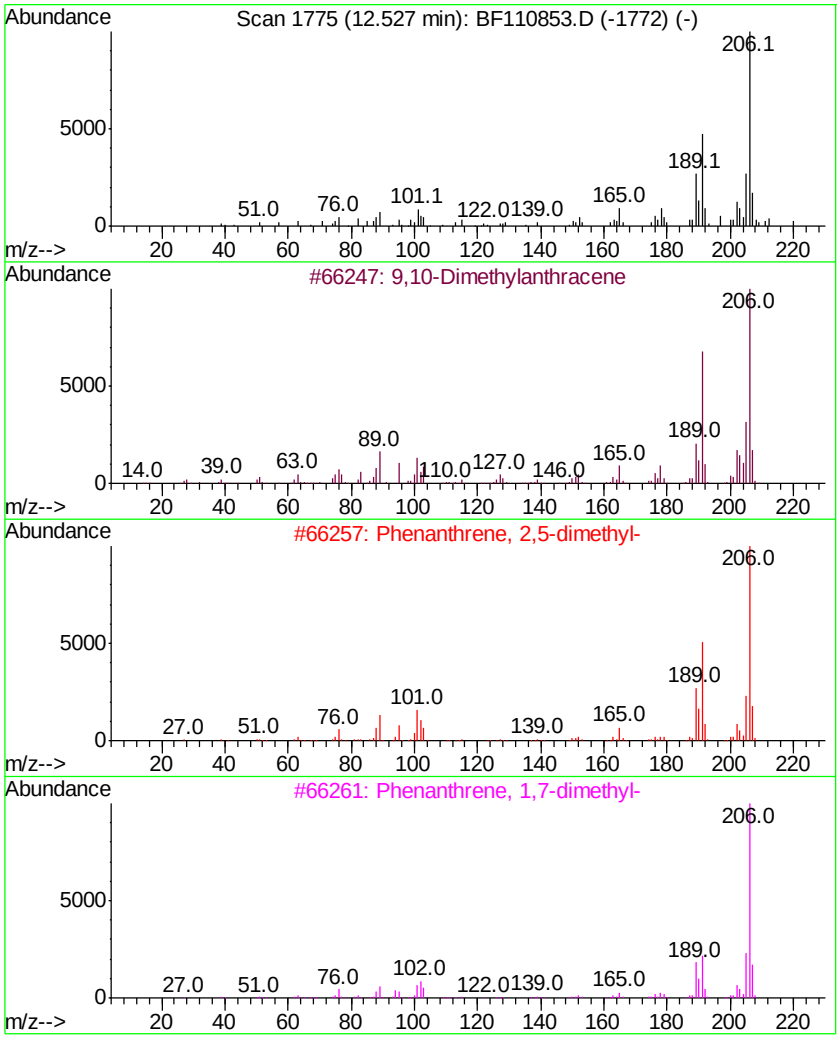
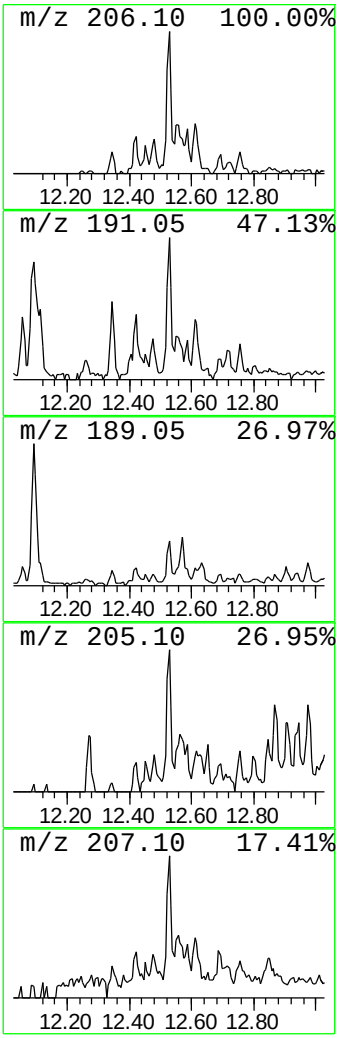
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.82 ng	79152	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

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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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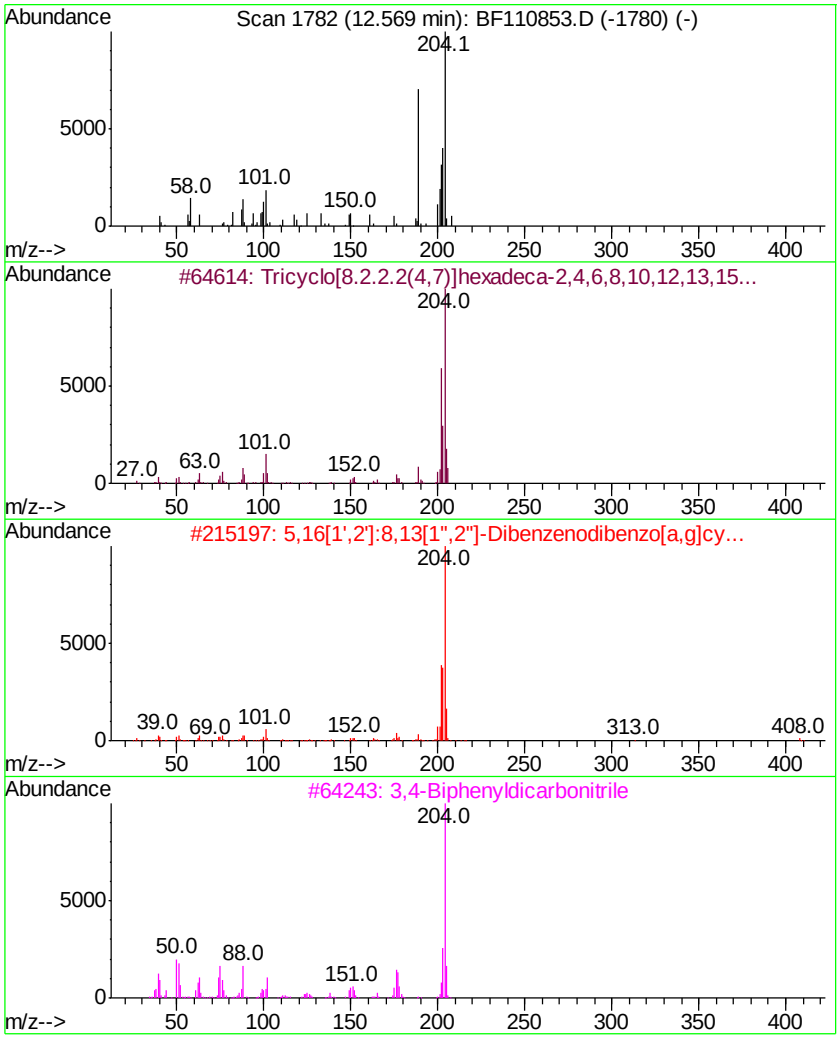
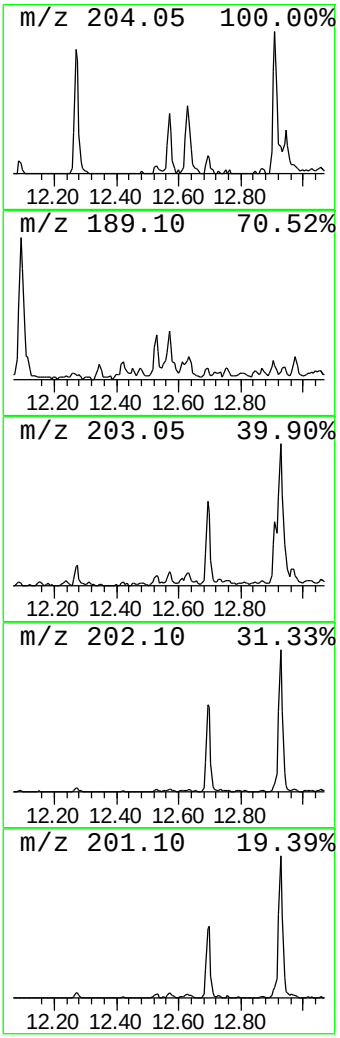
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.21 ng	45917	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	45
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	35
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	28
5	Levamisole	204	C11H12N2S	014769-73-4	23





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

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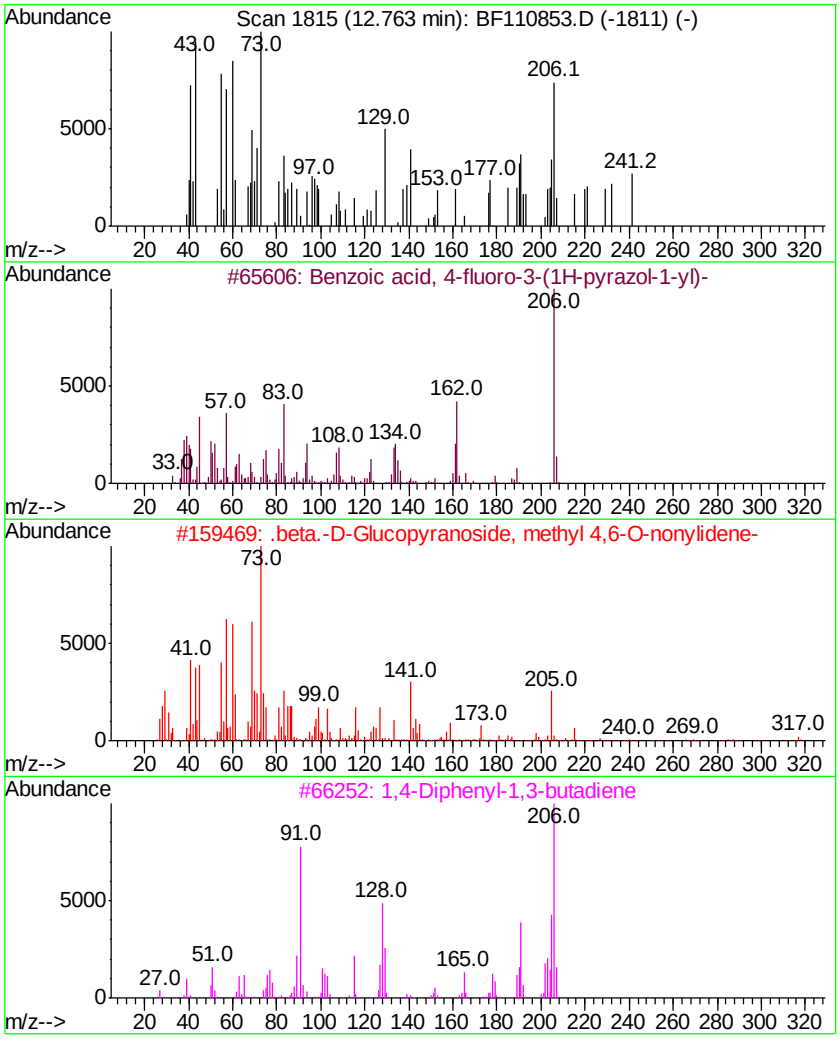
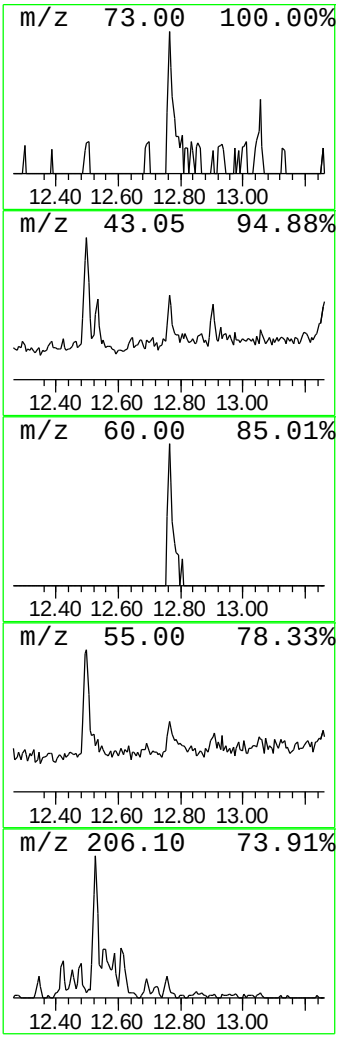
Peak Number 10 unknown12.76 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.42 ng	71023	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-fluoro-3-(1H-pyr...	206	C10H7FN2O2	1000362-69-4	25
2	.beta.-D-Glucopyranoside, methyl...	318	C16H30O6	124674-80-2	25
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	18
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	18
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	14





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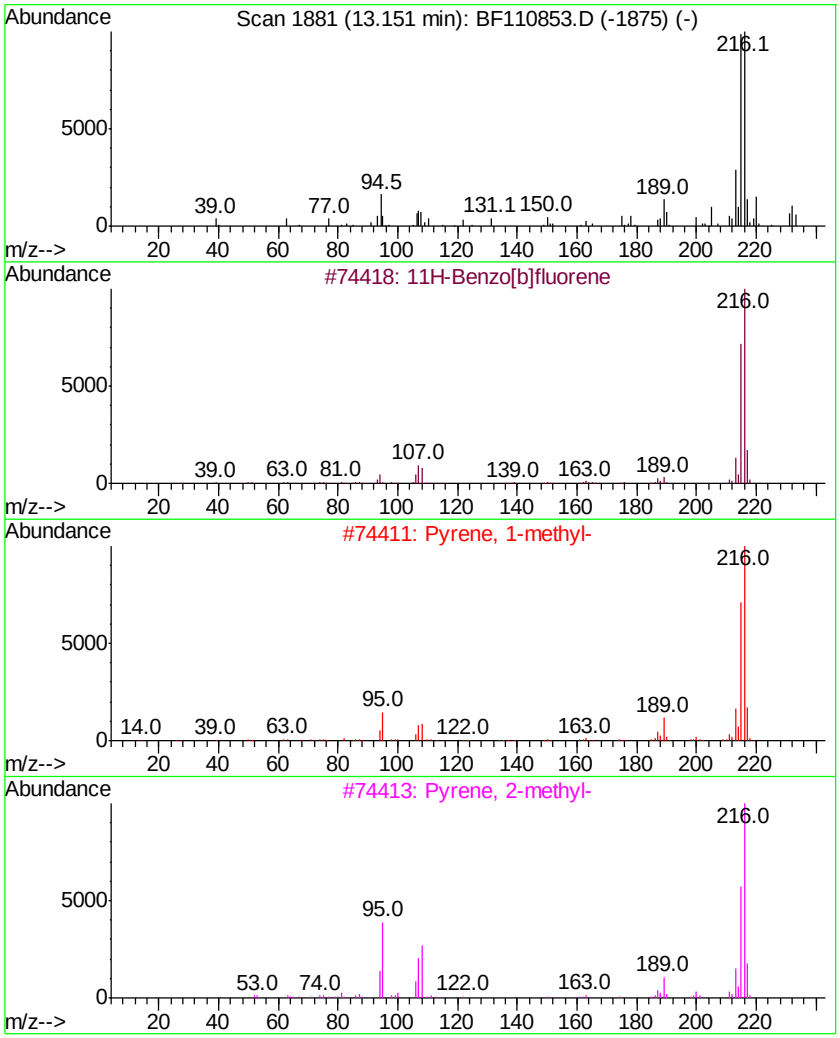
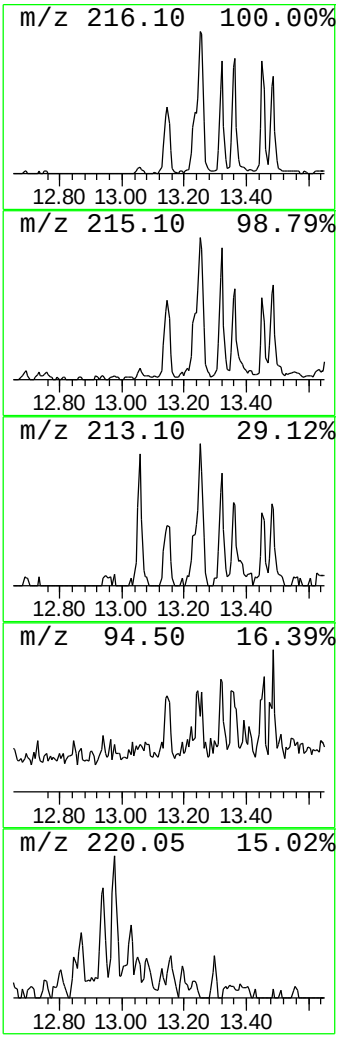
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.38 ng	70386	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Misc :
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ClientSampleId : DTW-01(6-10)

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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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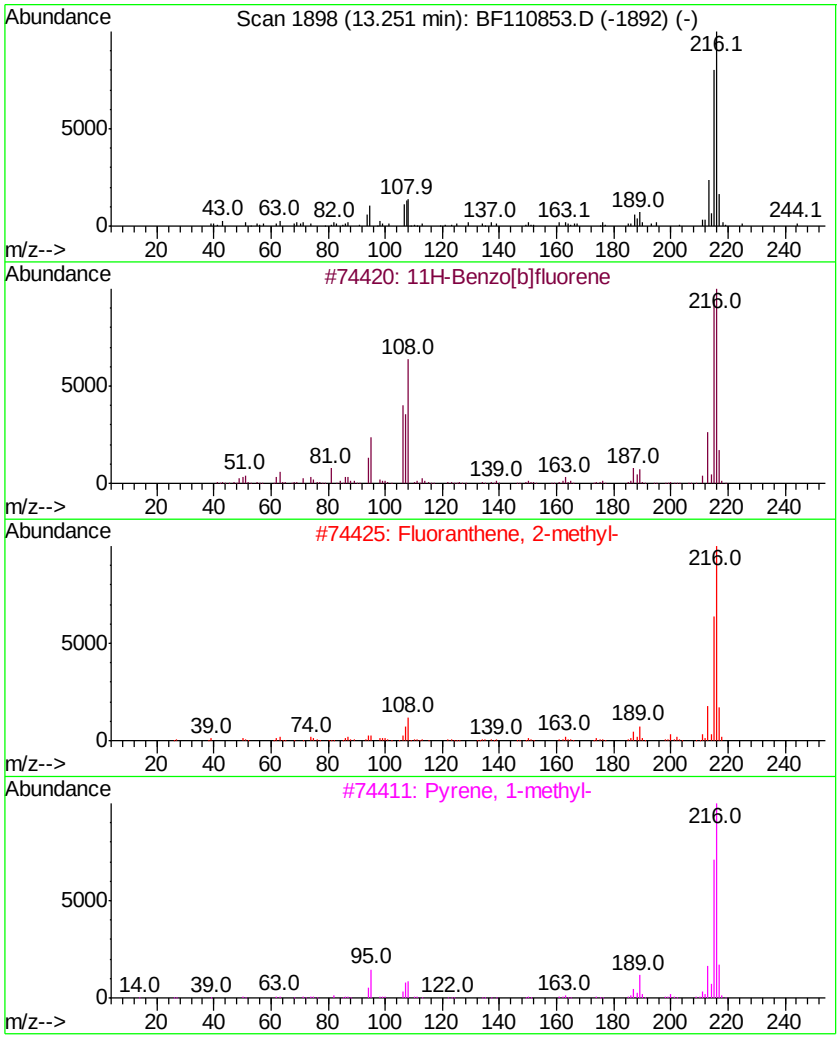
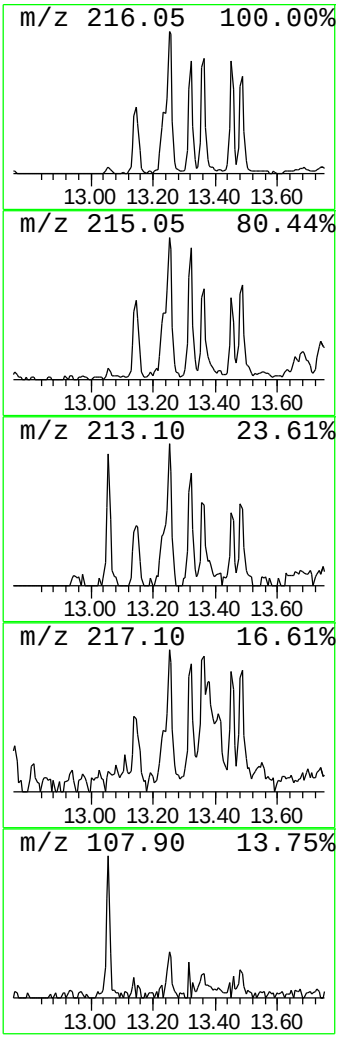
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.25 ng	125630	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81





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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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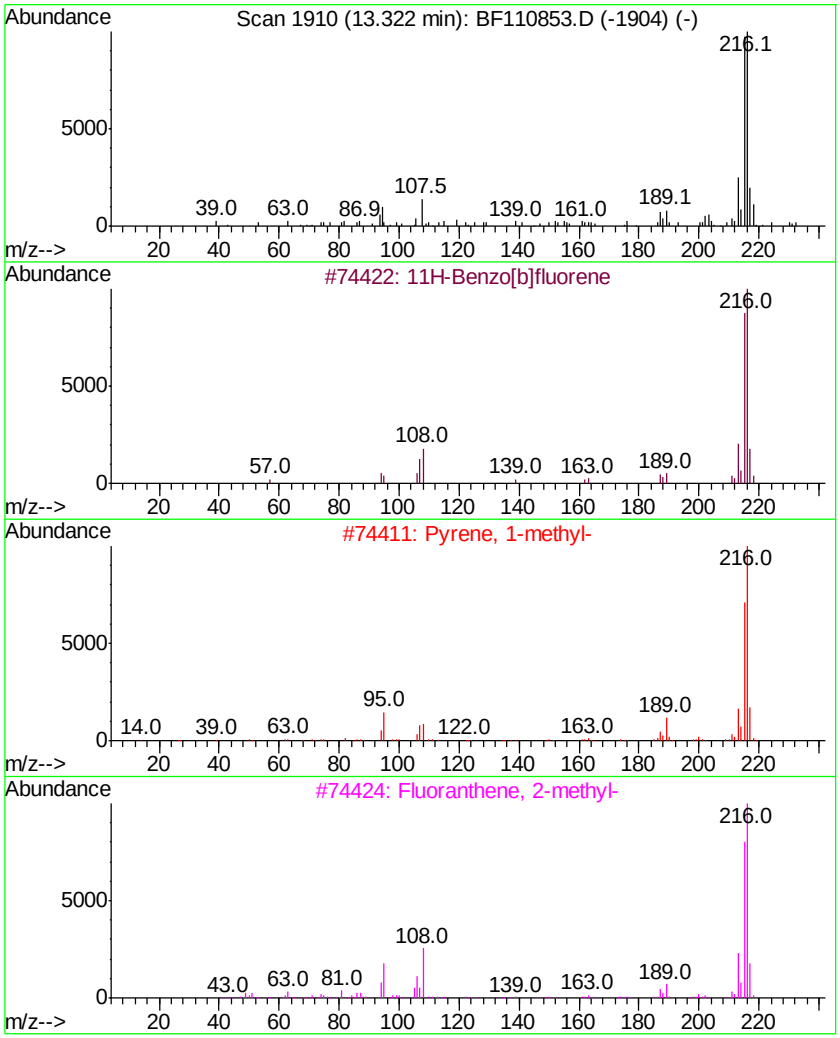
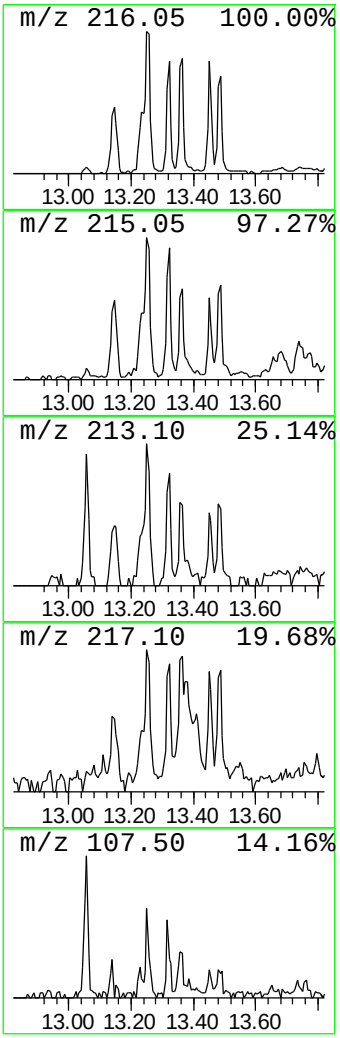
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.31 ng	97822	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ClientSampleId : DTW-01(6-10)

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

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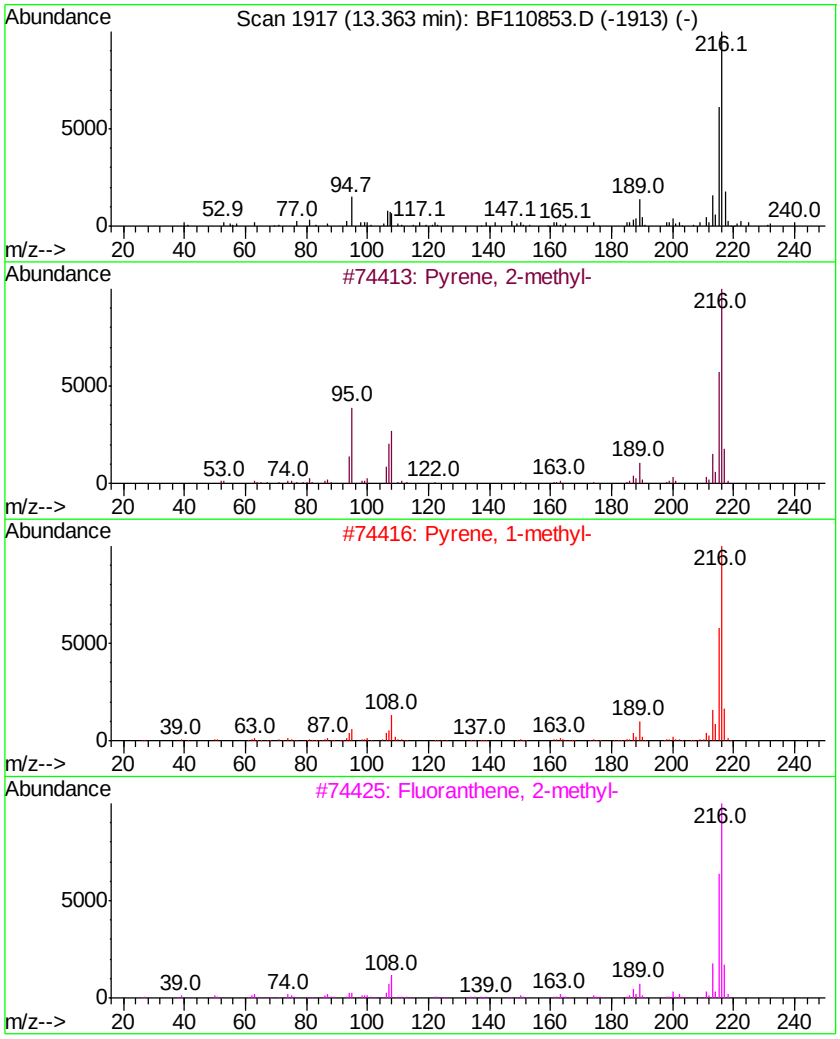
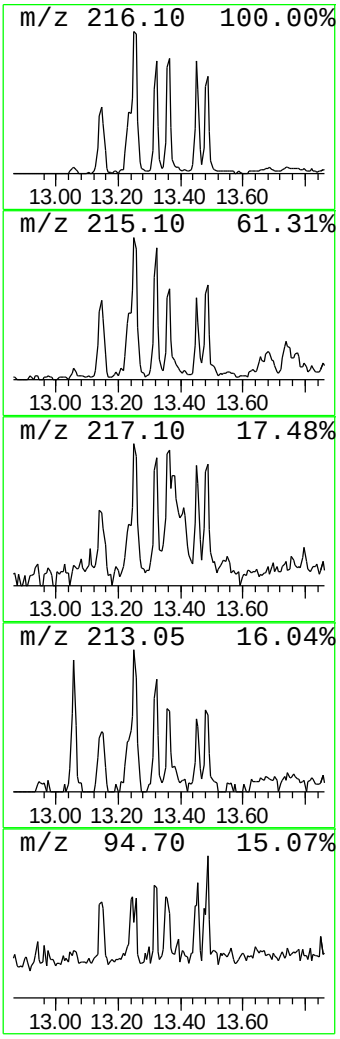
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.45 ng	72270	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Misc :
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Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

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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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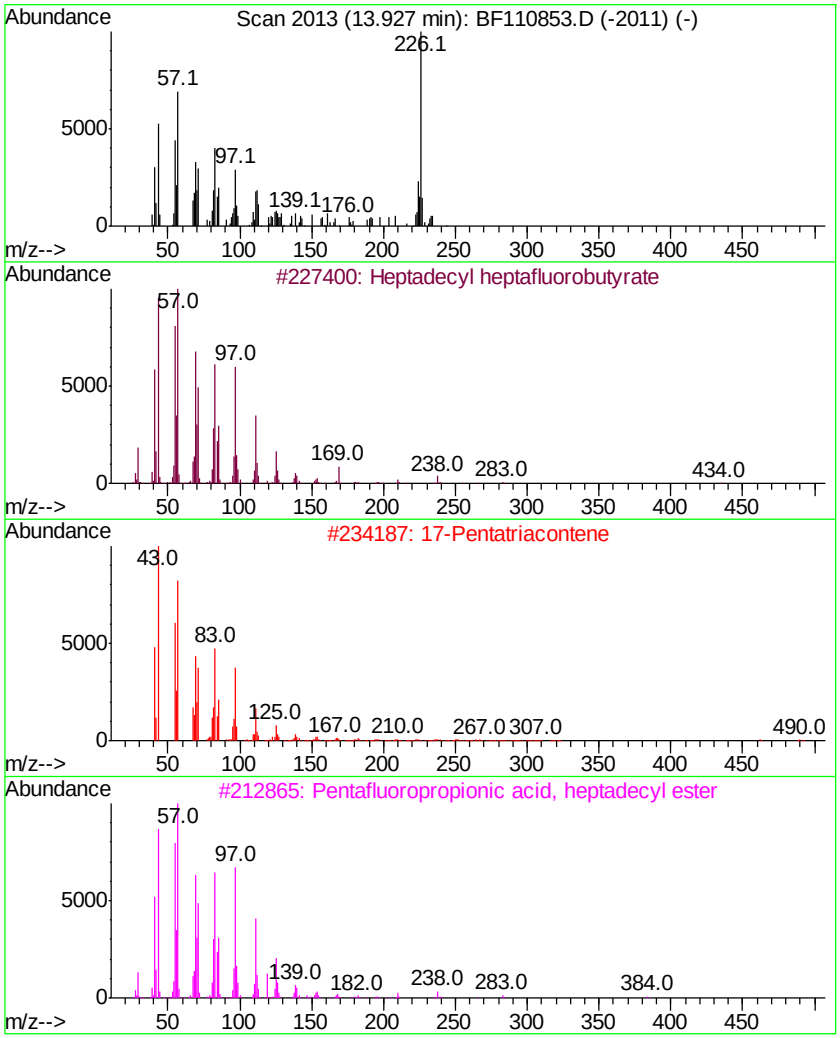
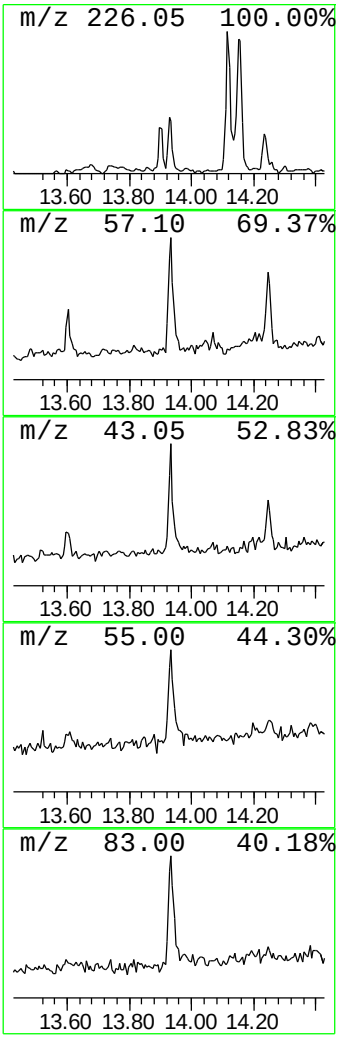
Peak Number 15 Heptadecyl heptafluorobutyrate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.99 ng	88310	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
2	17-Pentatriacontene	491	C35H70	006971-40-0	49
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	49
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	49
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	49





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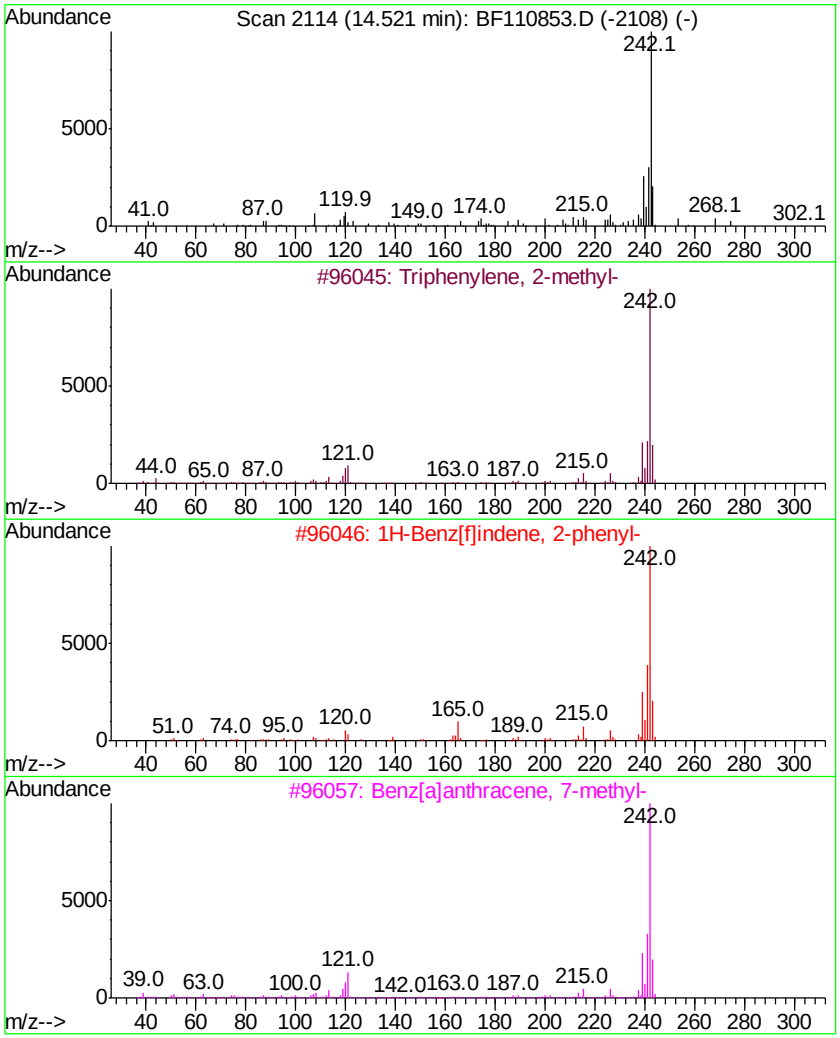
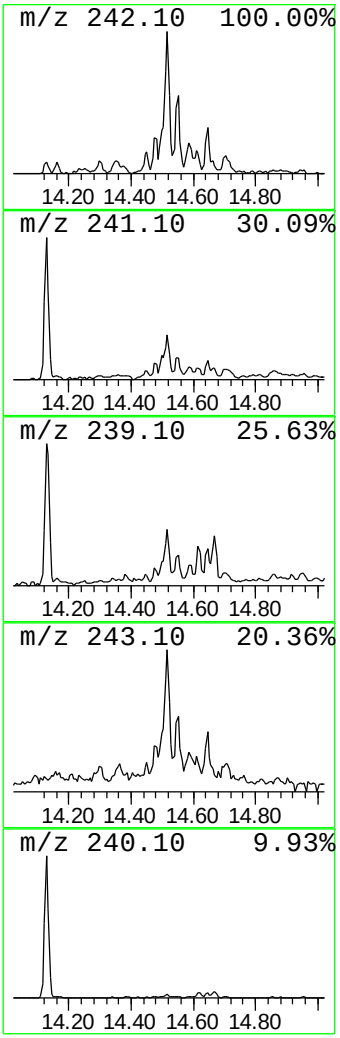
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.76 ng	81581	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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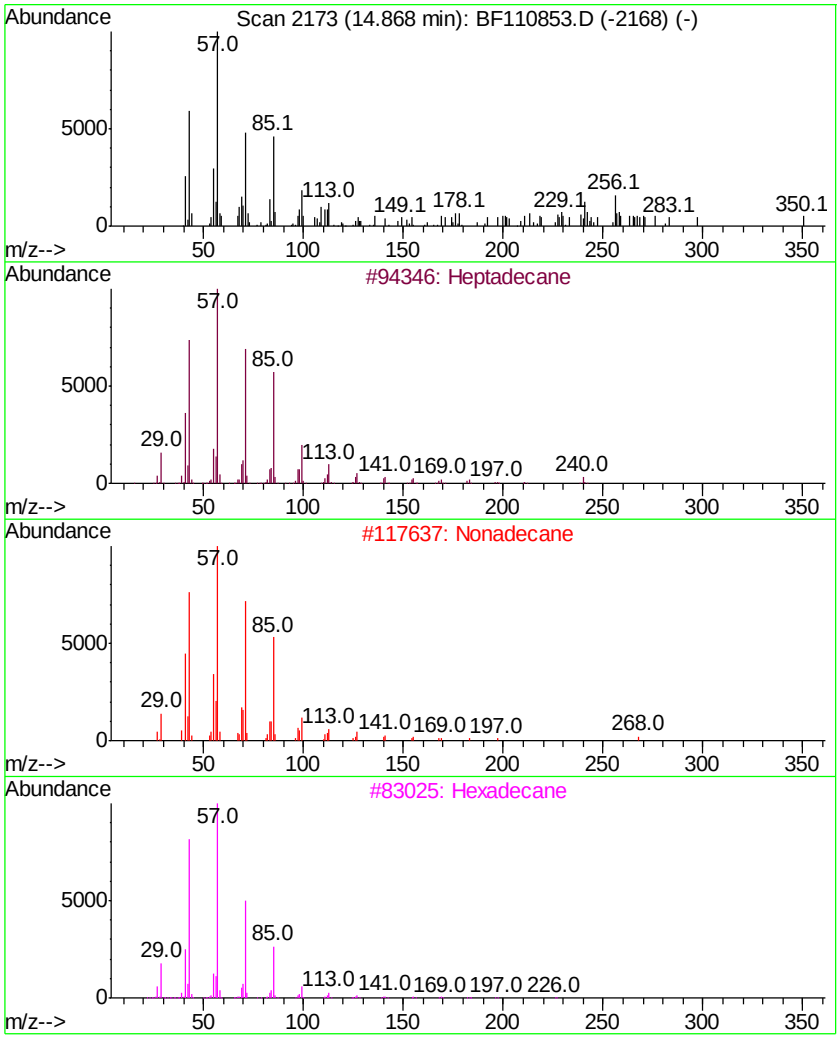
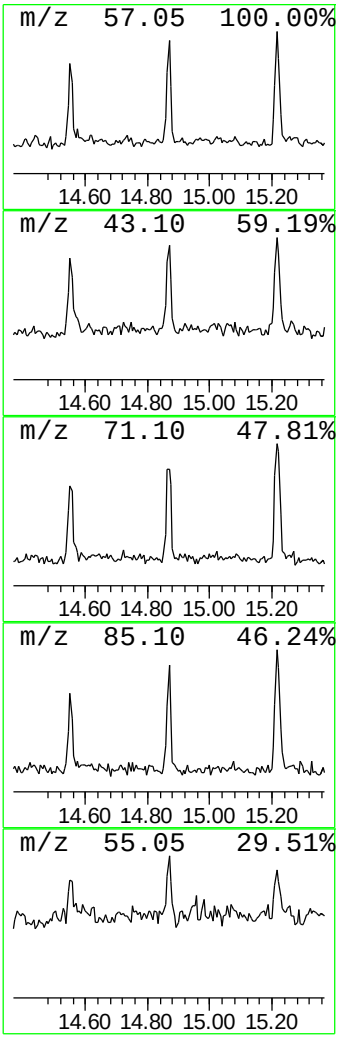
Peak Number 17 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.53 ng	74697	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	62
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	50
5	Tetradecane	198	C14H30	000629-59-4	50





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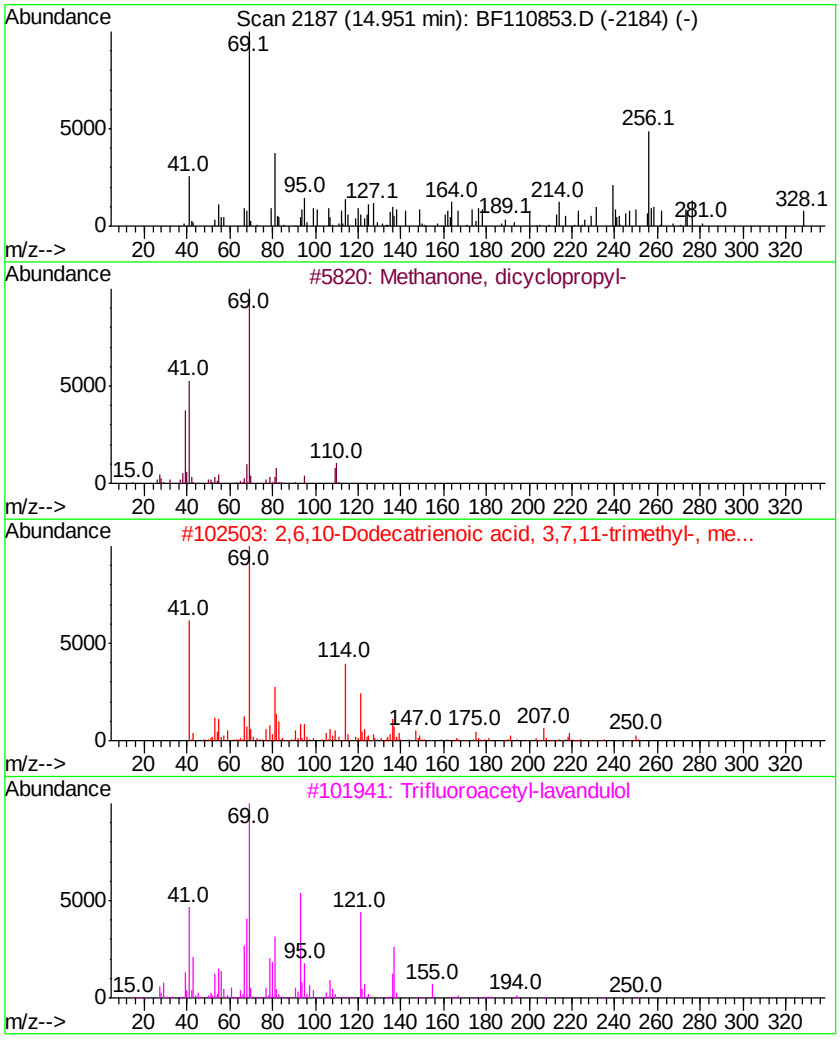
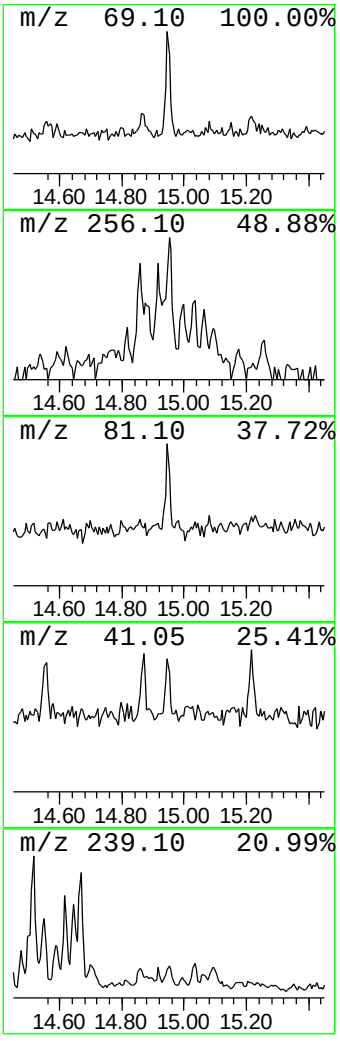
Peak Number 18 unknown14.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.63 ng	38867	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	43
2	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	003675-00-1	40
3	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	40
4	Cyclopropanecarboxylic acid, 2,4...	264	C10H7Cl3O2	1000354-66-4	38
5	Farnesol isomer a	222	C15H26O	1000108-92-4	37





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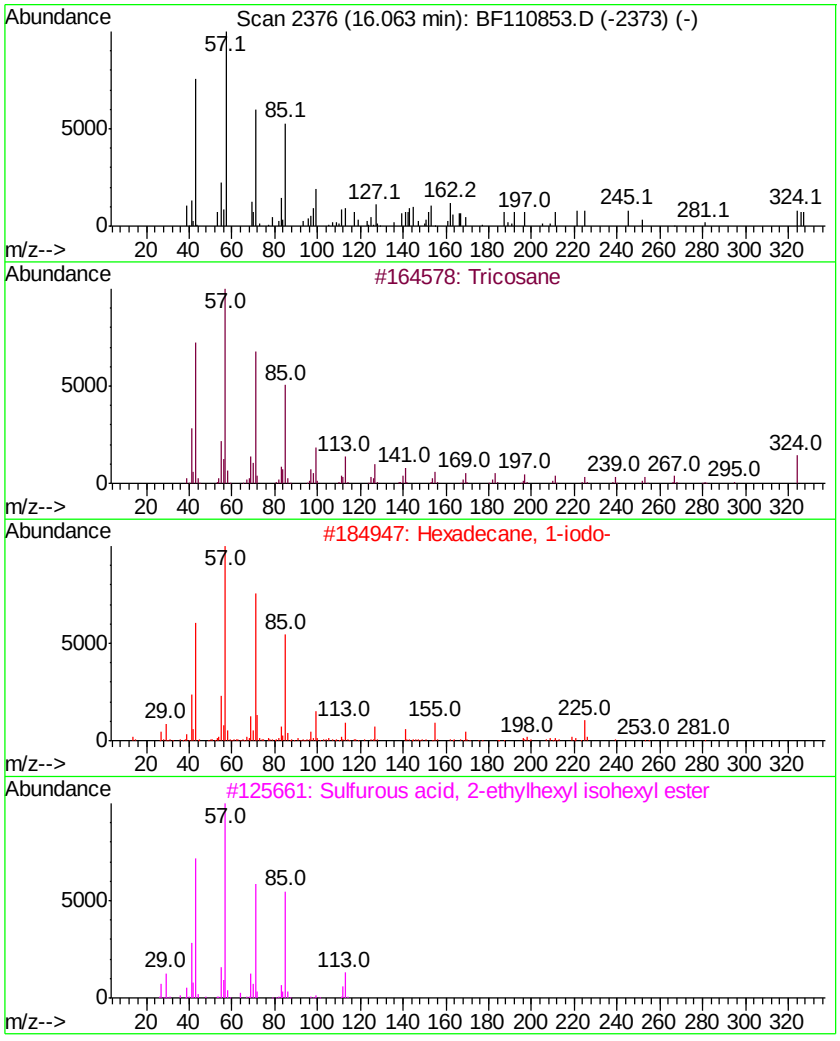
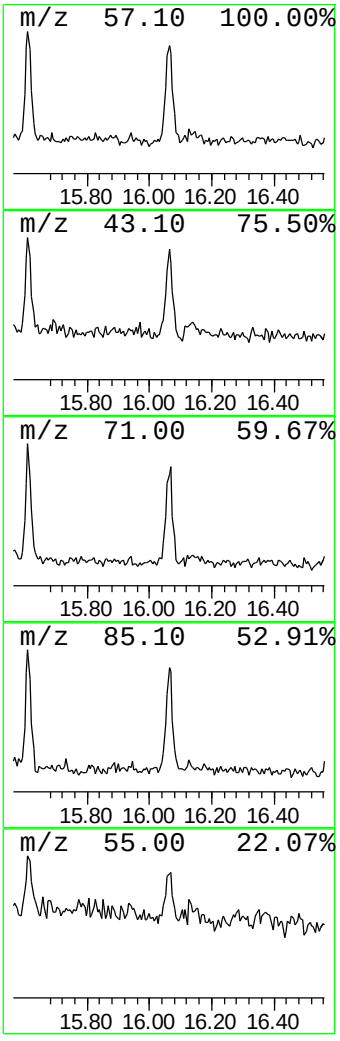
Peak Number 20 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.06 ng	45318	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	60
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
4	Heneicosane	296	C21H44	000629-94-7	47
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
Data File : BF110853.D
Acq On : 19 Nov 2018 15:18
Operator : JU/SJ
Sample : J5981-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-01(6-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
Butane, 2-methoxy...	2.23	6.8	ng	114067	1	6.94	336411	20.0
2-Pentanone, 4-hy...	5.18	3.4	ng	56517	1	6.94	336411	20.0
unknown6.71	6.71	89.7	ng	1509350	1	6.94	336411	20.0
n-Hexadecanoic acid	11.97	5.8	ng	119321	4	11.47	414952	20.0
6H-Cyclobuta[jk]p...	12.09	4.5	ng	94105	4	11.47	414952	20.0
Naphthalene, 2-ph...	12.27	2.7	ng	55351	4	11.47	414952	20.0
9,10-Dimethylanth...	12.53	3.8	ng	79152	4	11.47	414952	20.0
Tricyclo[8.2.2.2(...	12.57	2.2	ng	45917	4	11.47	414952	20.0
unknown12.76	12.76	3.4	ng	71023	4	11.47	414952	20.0
Pyrene, 1-methyl-	13.15	2.4	ng	70386	5	14.13	590657	20.0
11H-Benzo[b]fluorene	13.25	4.3	ng	125630	5	14.13	590657	20.0
Fluoranthene, 2-m...	13.32	3.3	ng	97822	5	14.13	590657	20.0
Pyrene, 2-methyl-	13.36	2.5	ng	72270	5	14.13	590657	20.0
Heptadecyl heptaf...	13.93	3.0	ng	88310	5	14.13	590657	20.0
Triphenylene, 2-m...	14.52	2.8	ng	81581	5	14.13	590657	20.0
Heptadecane	14.87	2.5	ng	74697	5	14.13	590657	20.0
unknown14.95	14.95	2.6	ng	38867	6	15.66	295996	20.0
Tricosane	16.06	3.1	ng	45318	6	15.66	295996	20.0