LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

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-BF010918.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	4.946	475	486	495	rVB	258250	403935	2.59%	0.449%
2	5.346	548	554	557	rBV	4646341	4925668	31.61%	5.476%
3	6.369	722	728	732	rBV	4270219	4912336	31.52%	5.461%
4	6.498	745	750	753	rBV	4497080	4803008	30.82%	5.340%
5	6.728	786	789	793	rBV	1611677	1306803	8.39%	1.453%
6	6.887	811	816	819	rBV	4025023	3629306	23.29%	4.035%
7	7.298	877	886	889	rBV	3017261	3062481	19.65%	3.405%
8	8.010	1002	1007	1009	rBV	1941780	1693709	10.87%	1.883%
9	8.034	1009	1011	1014	rVB	561562	403216	2.59%	0.448%
10	9.092	1186	1191	1194	rBV	4324051	3875444	24.87%	4.308%
11	9.169	1200	1204	1206	rBV	180547	156431	1.00%	0.174%
12	9.486	1254	1258	1261	rBV	787706	720198	4.62%	0.801%
13	9.698	1291	1294	1298	rVB	347197	263261	1.69%	0.293%
14	9.763	1298	1305	1308	rBV	1555443	1535638	9.85%	1.707%
15	9.798	1308	1311	1315	rVB	676338	534208	3.43%	0.594%
16	9.969	1336	1340	1345	rVV	597430	543283	3.49%	0.604%
17	10.198	1376	1379	1382	rVB	400113	304505	1.95%	0.339%
18	10.310	1394	1398	1404	rVB	935994	788379	5.06%	0.876%
19	10.551	1434	1439	1443	rBV	2144692	2000488	12.84%	2.224%
20	10.669	1456	1459	1467	rVB	312172	365909	2.35%	0.407%
21	11.122	1528	1536	1538	rBV3	227825	296664	1.90%	0.330%
22	11.145	1538	1540	1545	rVB2	250613	230320	1.48%	0.256%
23	11.251	1554	1558	1559	rBV	1220274	1090336	7.00%	1.212%
24	11.275	1559	1562	1565	rVV	2594863	2194185	14.08%	2.439%
25	11.322	1565	1570	1573	rVV	934915	804645	5.16%	0.895%
26	11.480	1591	1597	1599	rBV	403180	396604	2.54%	0.441%
27	11.657	1622	1627	1630	rVV	6261376	6572402	42.17%	7.307%
28	11.775	1645	1647	1652	rVB2	301250	313233	2.01%	0.348%
29	11.857	1658	1661	1664	rBV	384392	400079	2.57%	0.445%
30	11.939	1671	1675	1679	rBV3	190262	320981	2.06%	0.357%
31	12.051	1690	1694	1697	rBV2	188407	209425	1.34%	0.233%
32	12.298	1733	1736	1738	rBV	165183	173963	1.12%	0.193%
33	12.357	1738	1746	1747	rVV	8087650	15583912	100.00%	17.325%
34	12.374	1747	1749	1754	rVV2	8000074	9586881	61.52%	10.658%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.445	1757	1761	1763	rVV	3714021	3593189	23.06%	3.995%
36	12.463	1763	1764	1767	rVB	2222996	1320966	8.48%	1.469%
37	12.692	1797	1803	1805	rBV2	1886221	1990806	12.77%	2.213%
38	12.839	1825	1828	1833	rVB	2548987	2299989	14.76%	2.557%
39	13.022	1856	1859	1864	rVB	363999	330445	2.12%	0.367%
40	13.086	1867	1870	1873	rVB	467916	394962	2.53%	0.439%
41	13.163	1881	1883	1886	rBV	217818	161602	1.04%	0.180%
42	13.727	1977	1979	1983	rVB2	315075	294325	1.89%	0.327%
43	13.833	1995	1997	1999	rVB	271990	182197	1.17%	0.203%
44	13.880	2001	2005	2008	rBV2	1298649	1878675	12.06%	2.089%
45	13.910	2008	2010	2013	rVB	861772	699589	4.49%	0.778%
46	13.992	2021	2024	2028	rVB2	239580	235342	1.51%	0.262%
47	14.904	2175	2179	2181	rBV	531923	757288	4.86%	0.842%
48	15.186	2225	2227	2233	rVB	275441	338424	2.17%	0.376%
49	15.245	2234	2237	2243	rVB	473742	591045	3.79%	0.657%
50	15.310	2245	2248	2251	rVB	466890	481672	3.09%	0.535%

Sum of corrected areas: 89952352

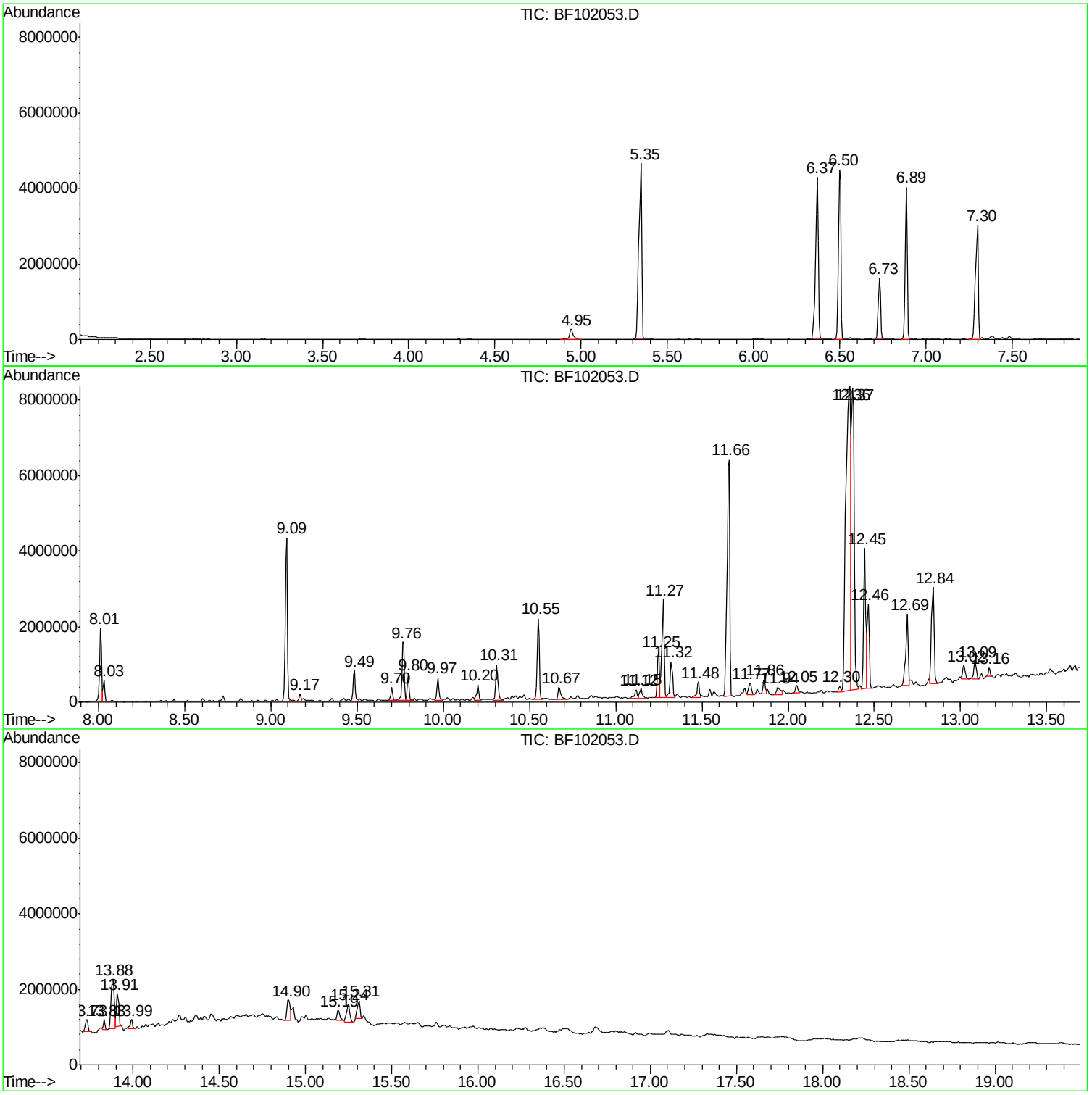
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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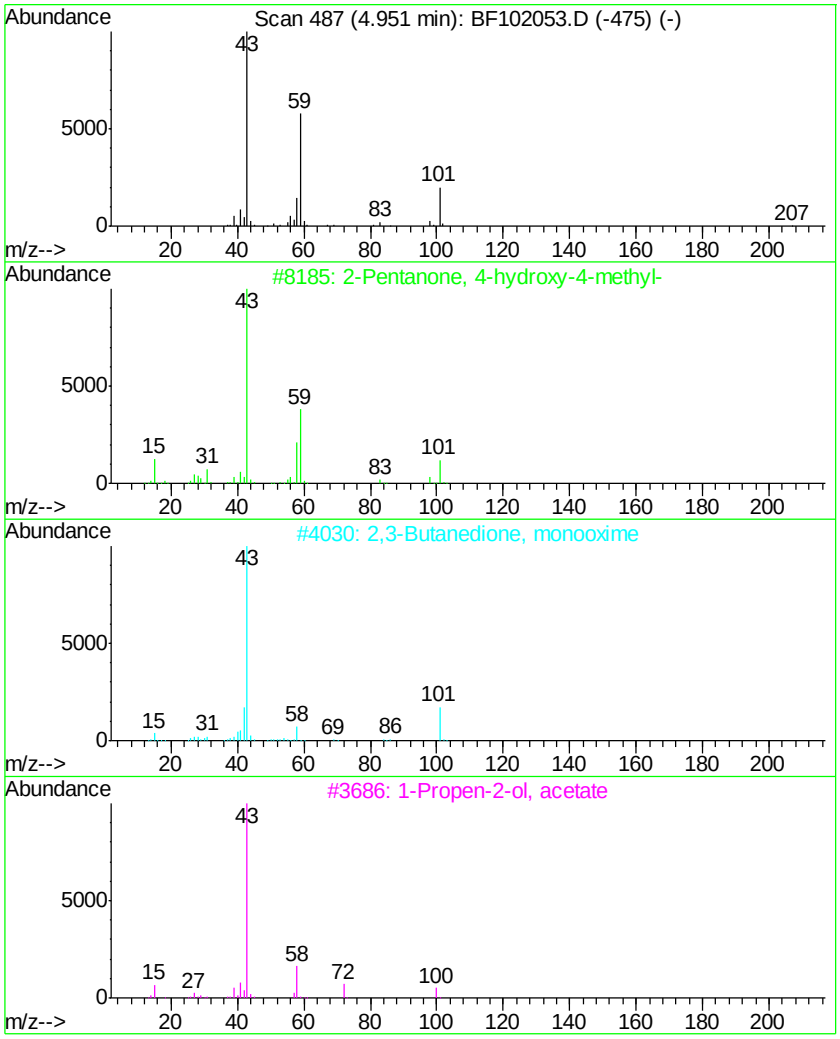
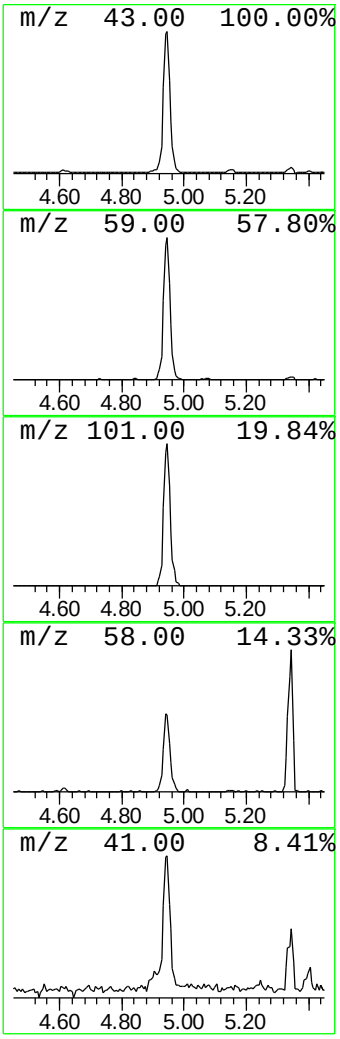
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.18 ng	403935	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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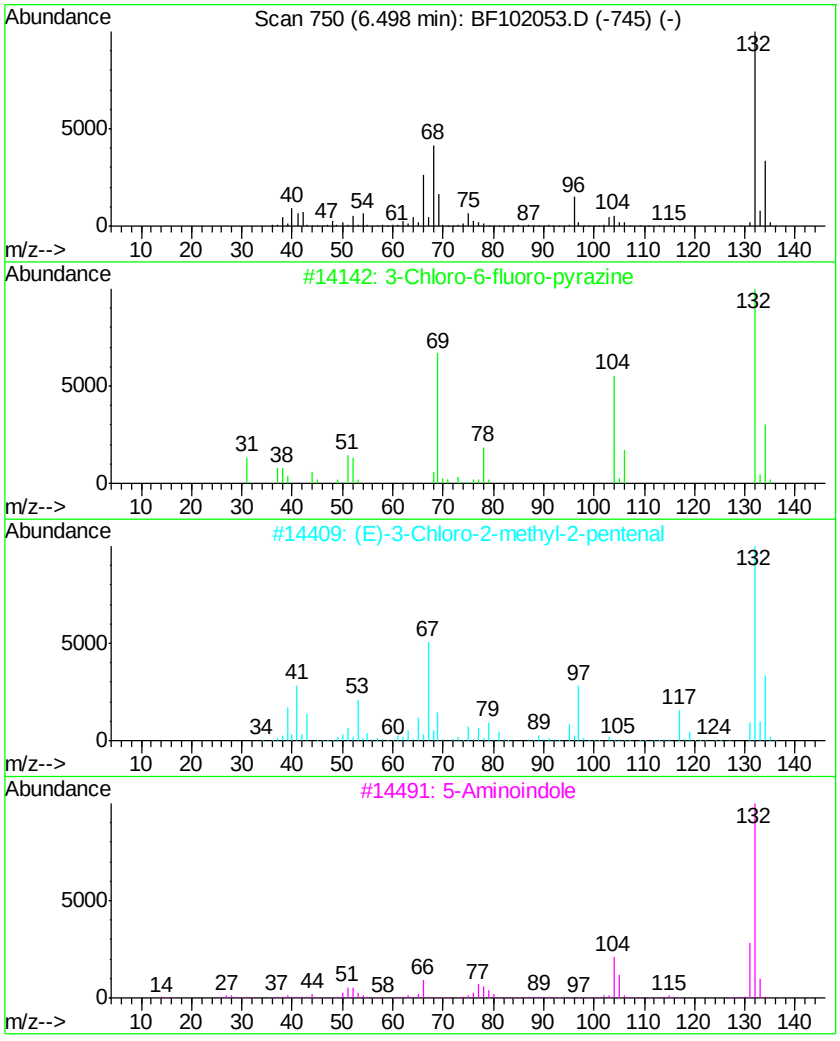
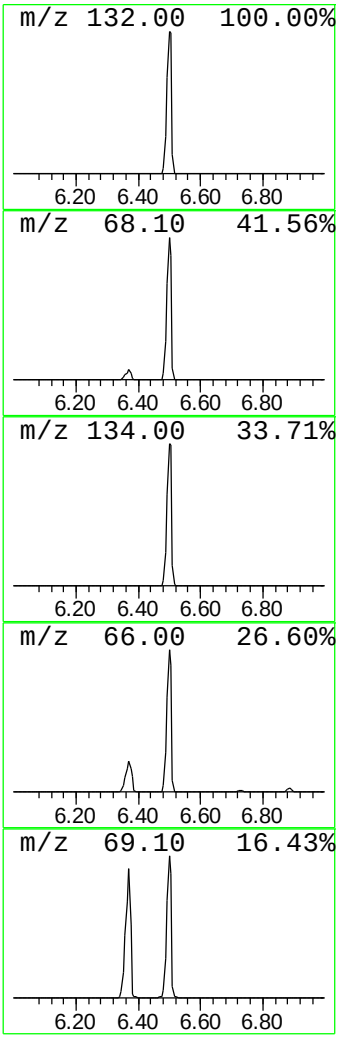
Peak Number 2 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	73.51 ng	4803010	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

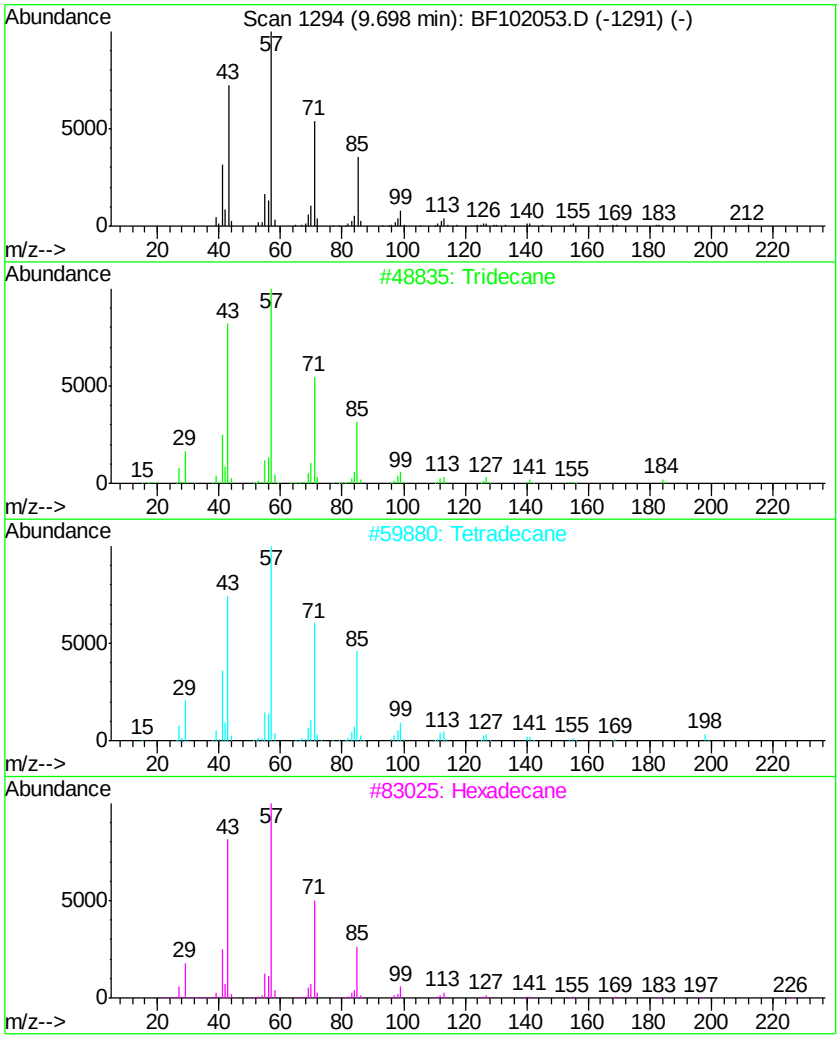
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

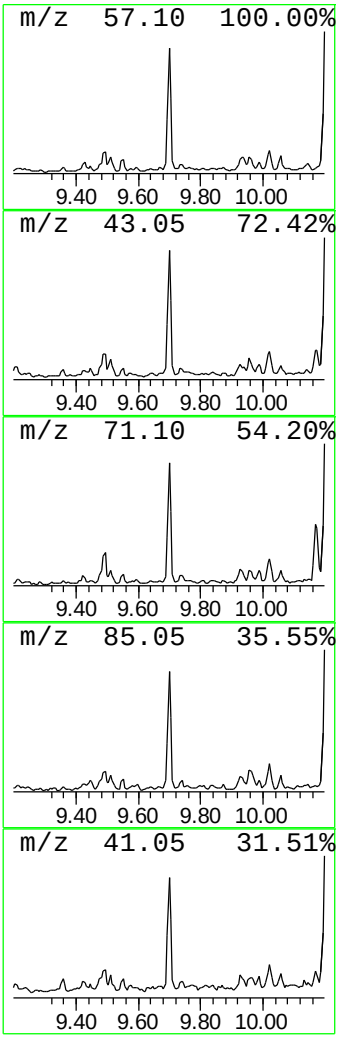
****

Peak Number 4 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.43 ng	263261	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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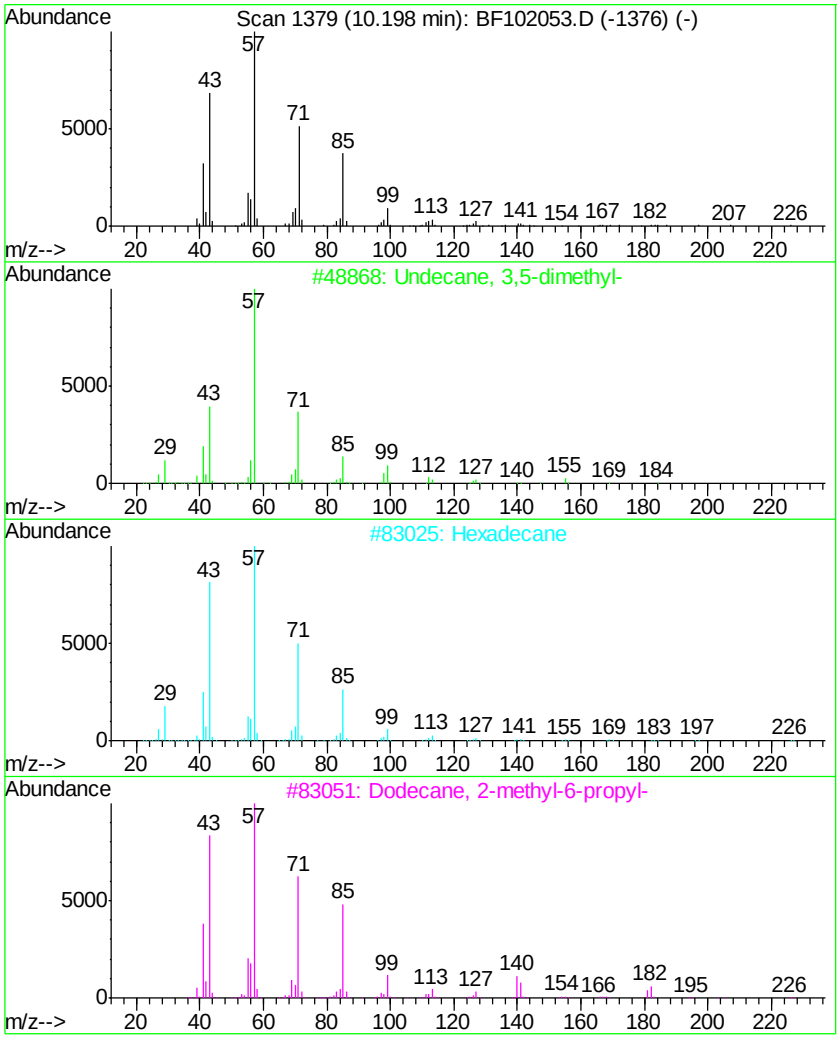
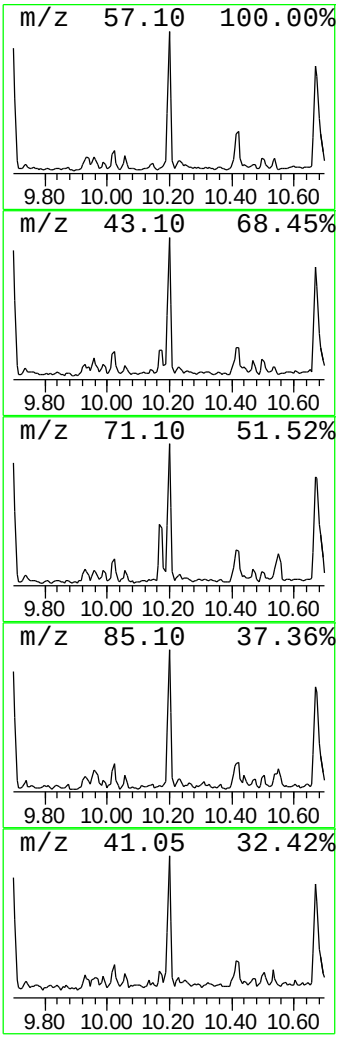
Peak Number 5 Undecane, 3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	3.97 ng	304505	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

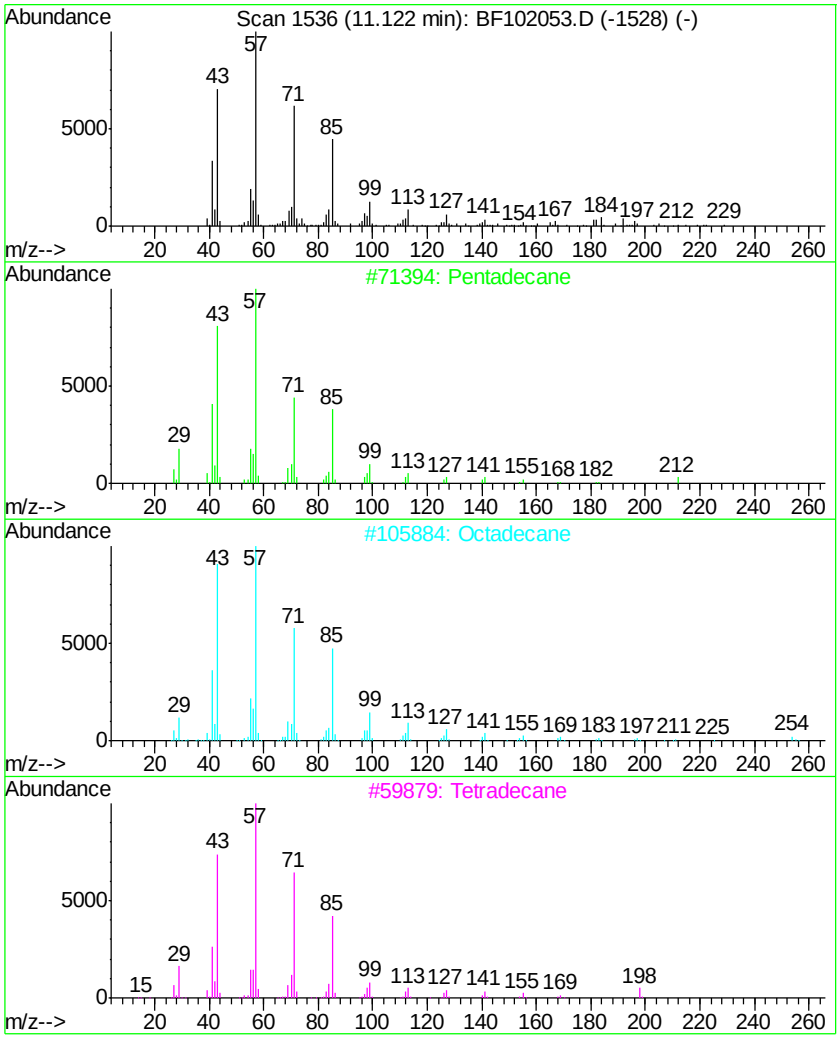
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

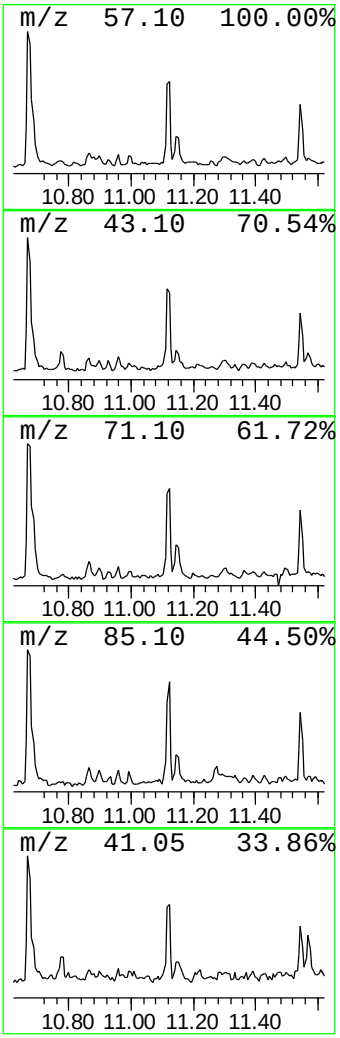
****

Peak Number 7 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.44 ng	296664	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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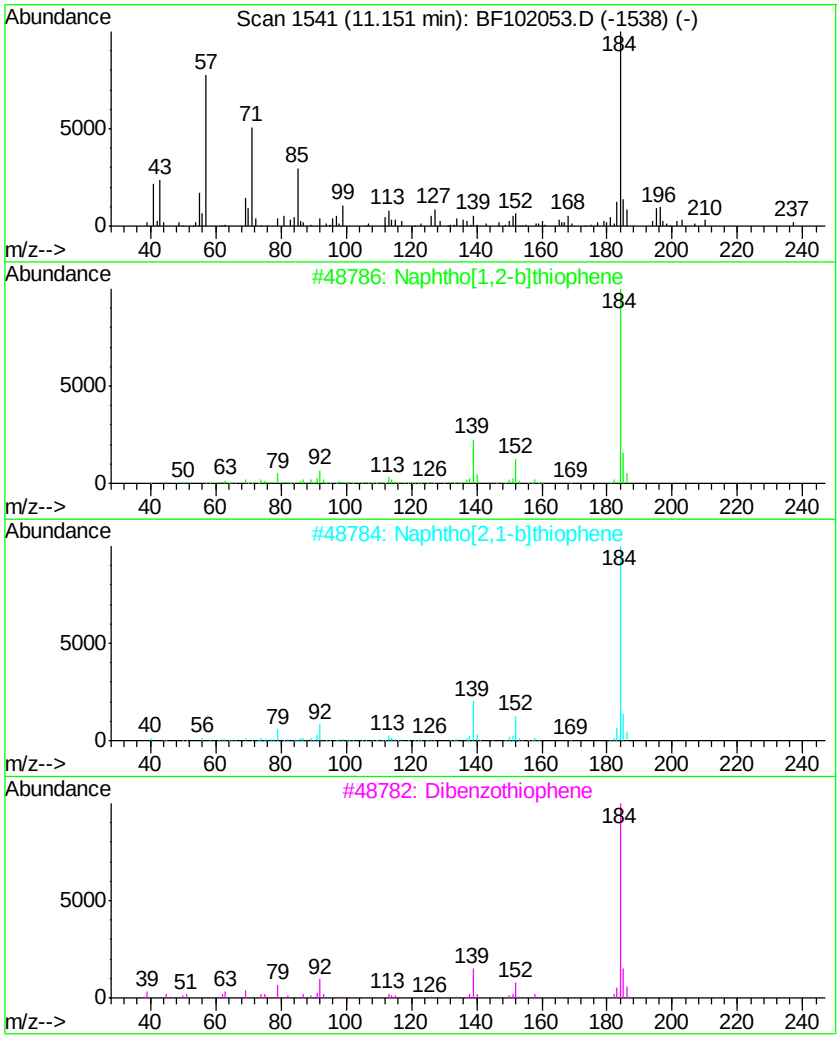
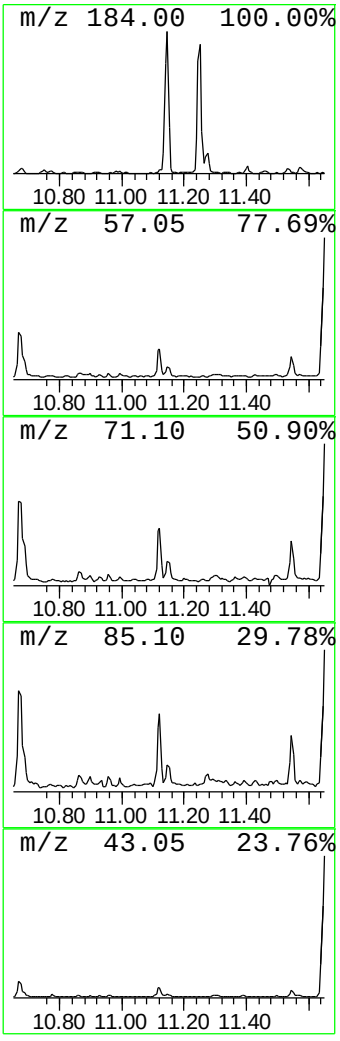
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.22 ng	230320	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

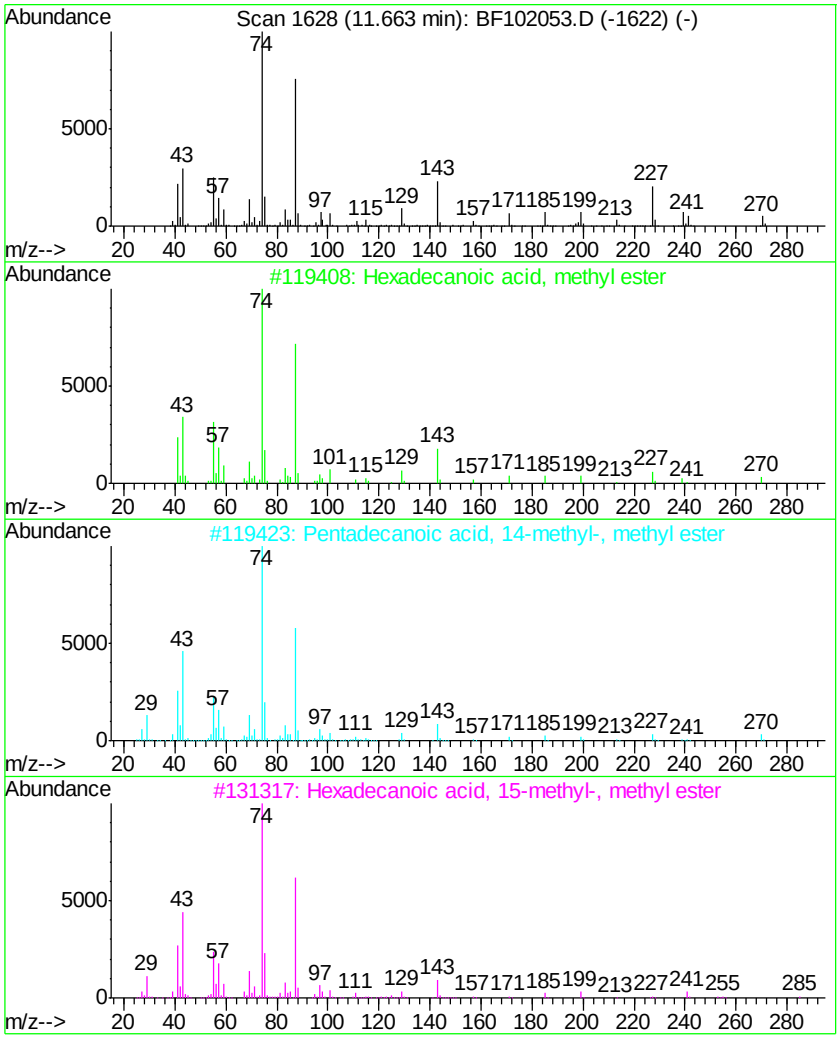
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

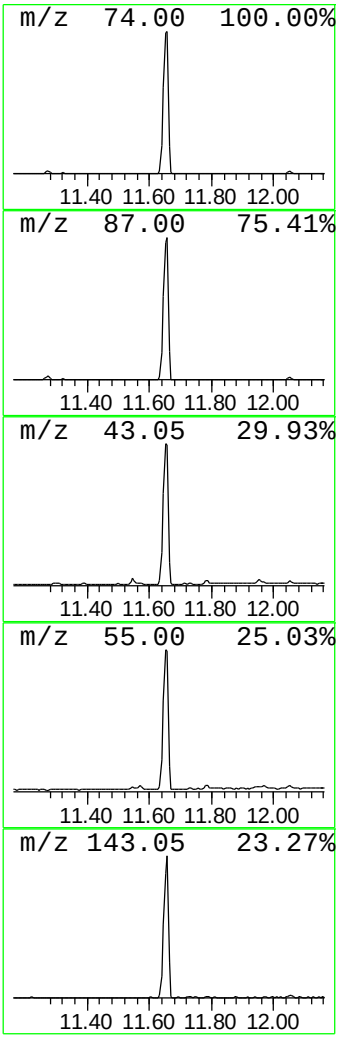
****

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	120.56 ng	6572400	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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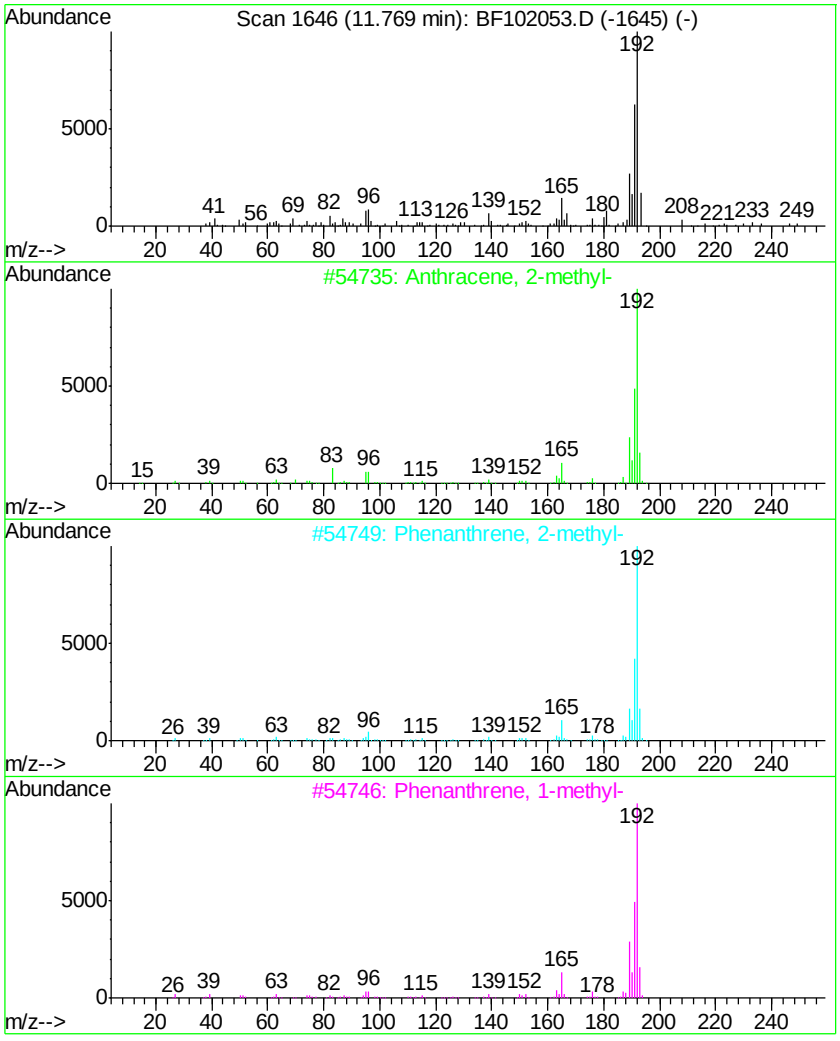
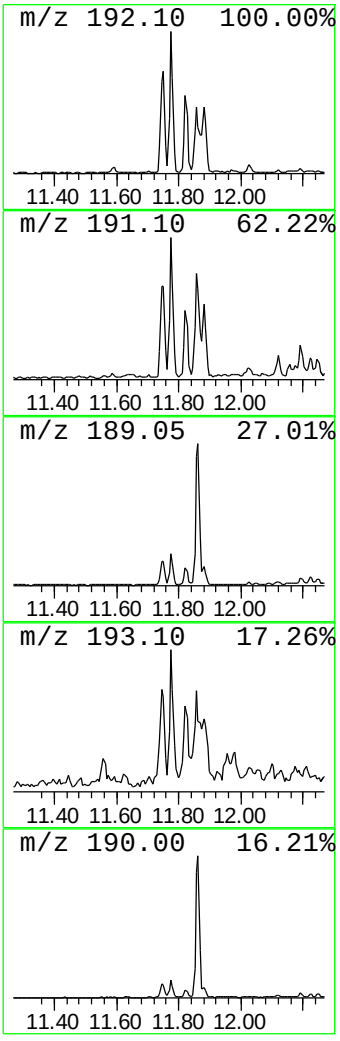
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.75 ng	313233	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





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Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

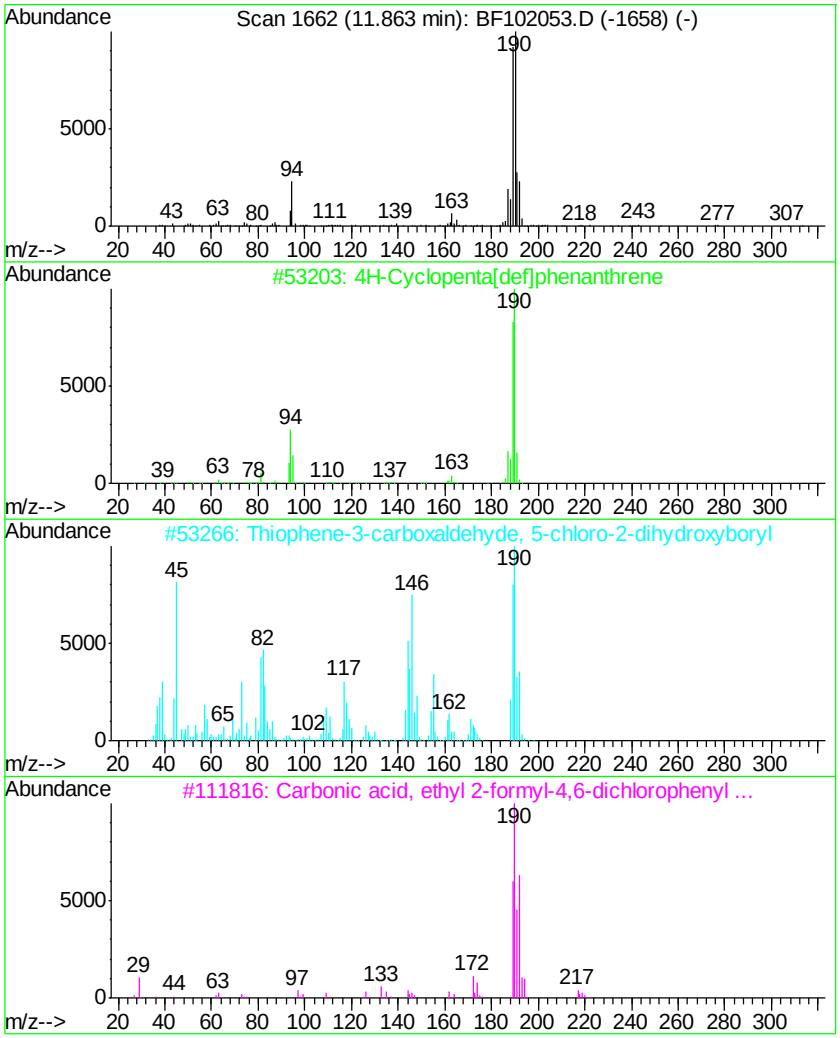
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

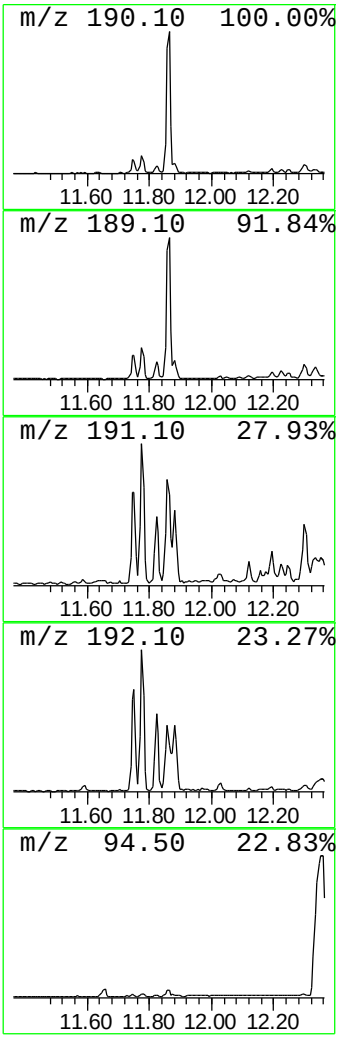
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.34 ng	400079	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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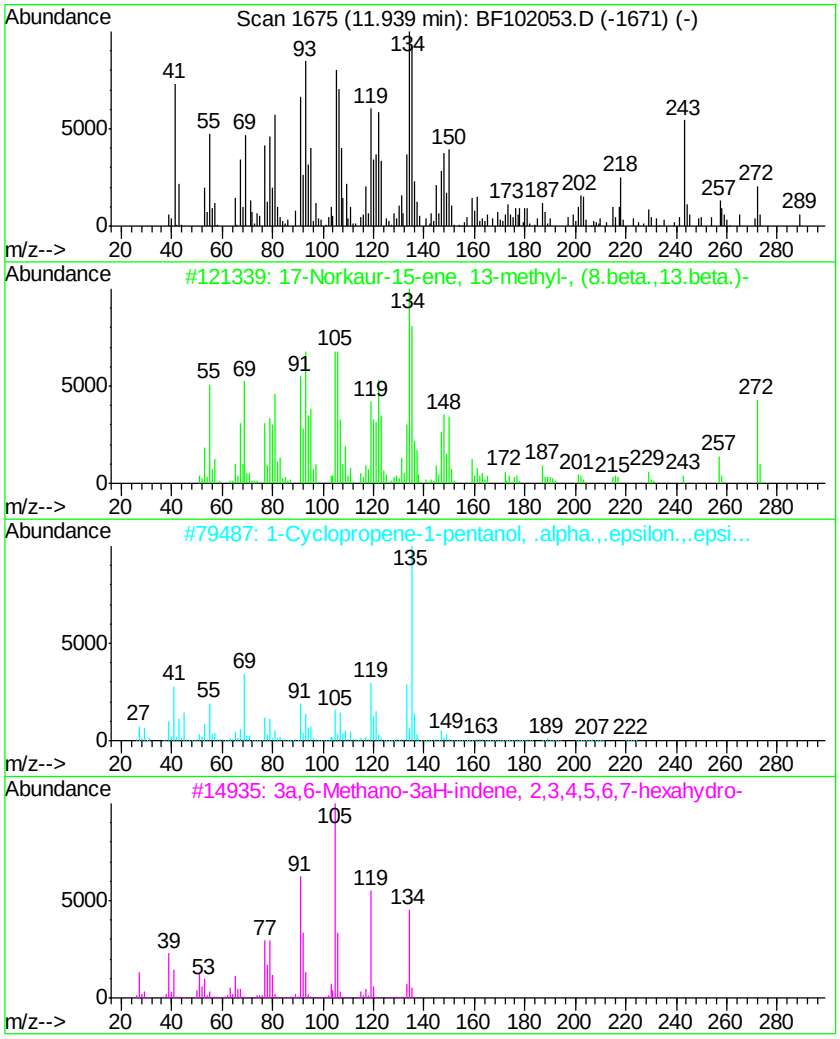
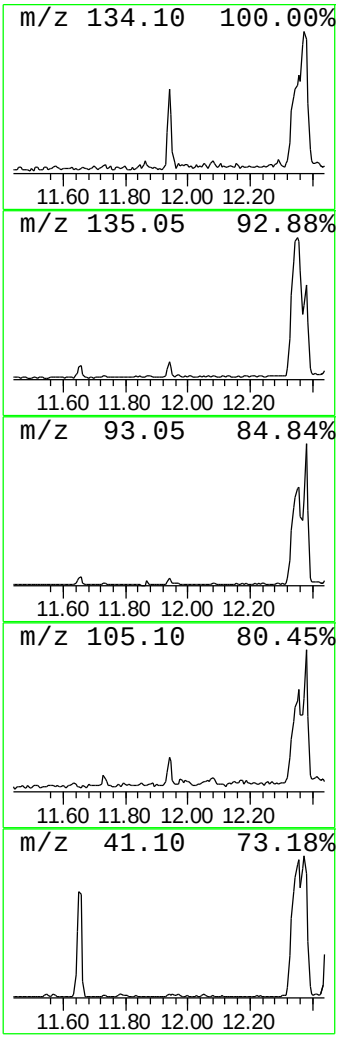
Peak Number 12 17-Norkaur-15-ene, 13-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.89 ng	320981	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	95
2	1-Cyclopropene-1-pentanol, .alph...	222	C15H26O	090165-06-3	38
3	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	35
4	2-Allylphenol	134	C9H10O	001745-81-9	30
5	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	30





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Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

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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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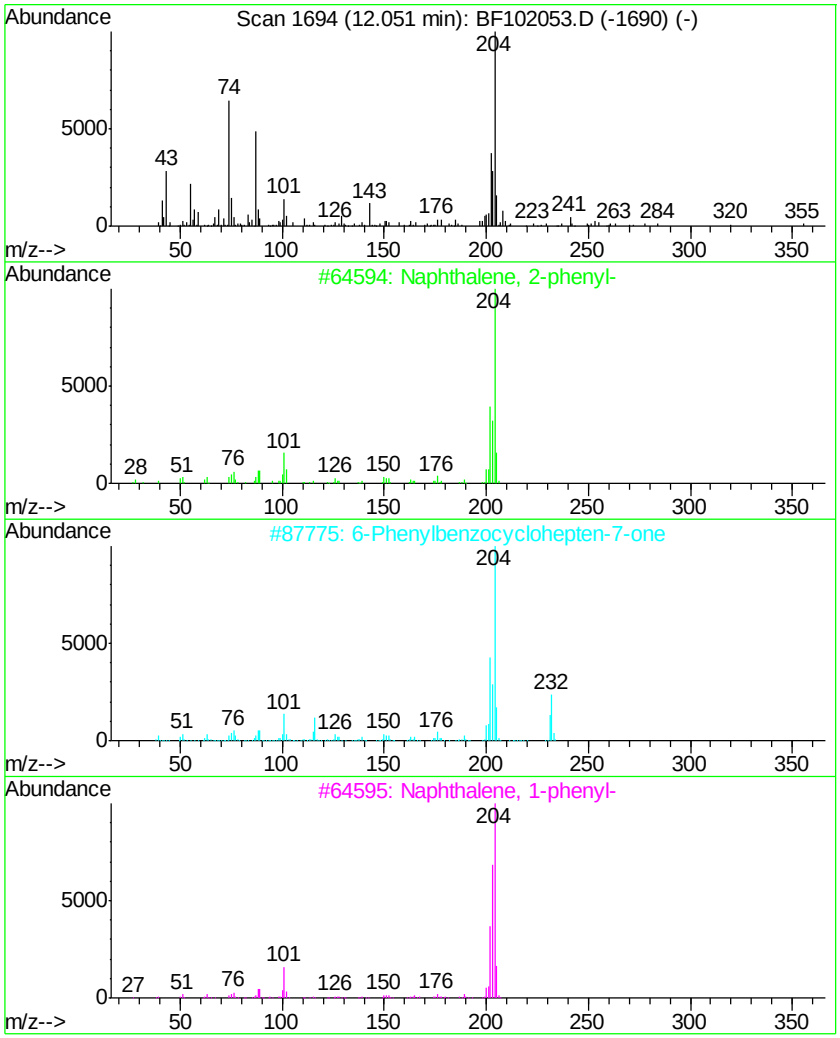
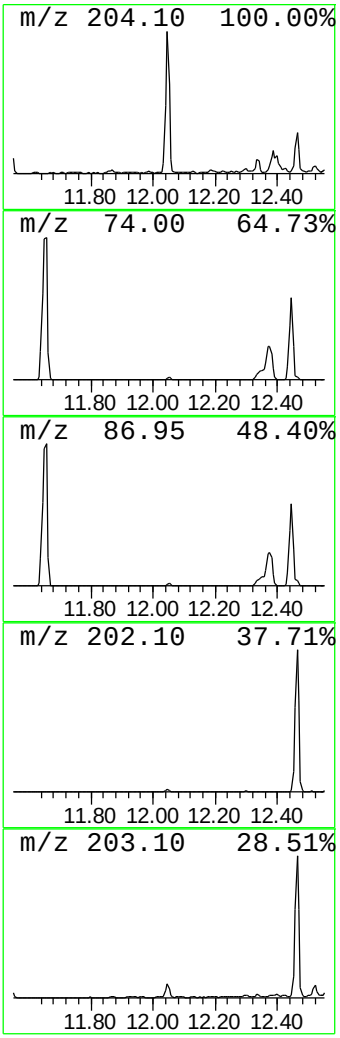
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.84 ng	209425	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	46
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	42
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	42
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	42





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Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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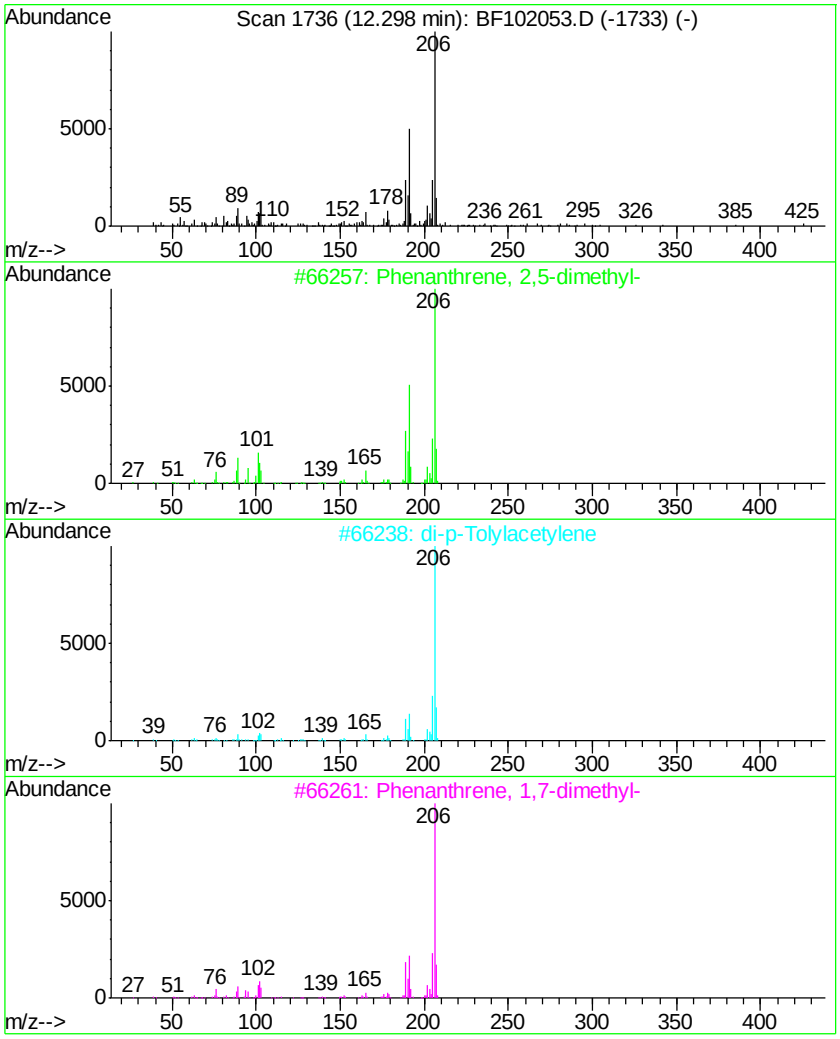
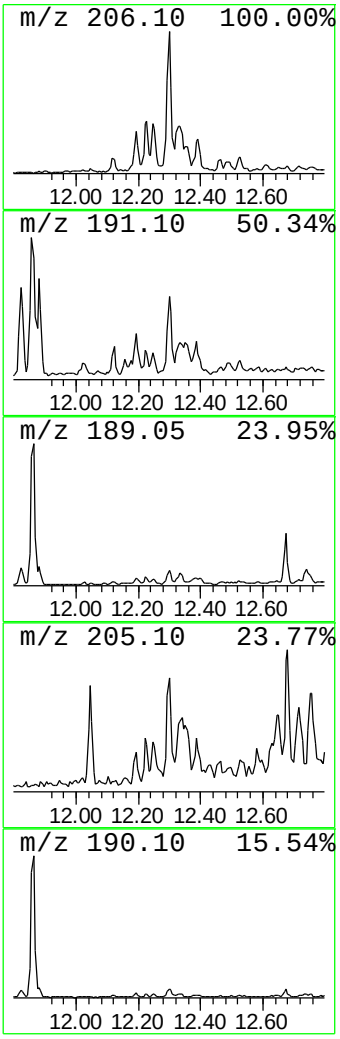
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.19 ng	173963	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	80





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Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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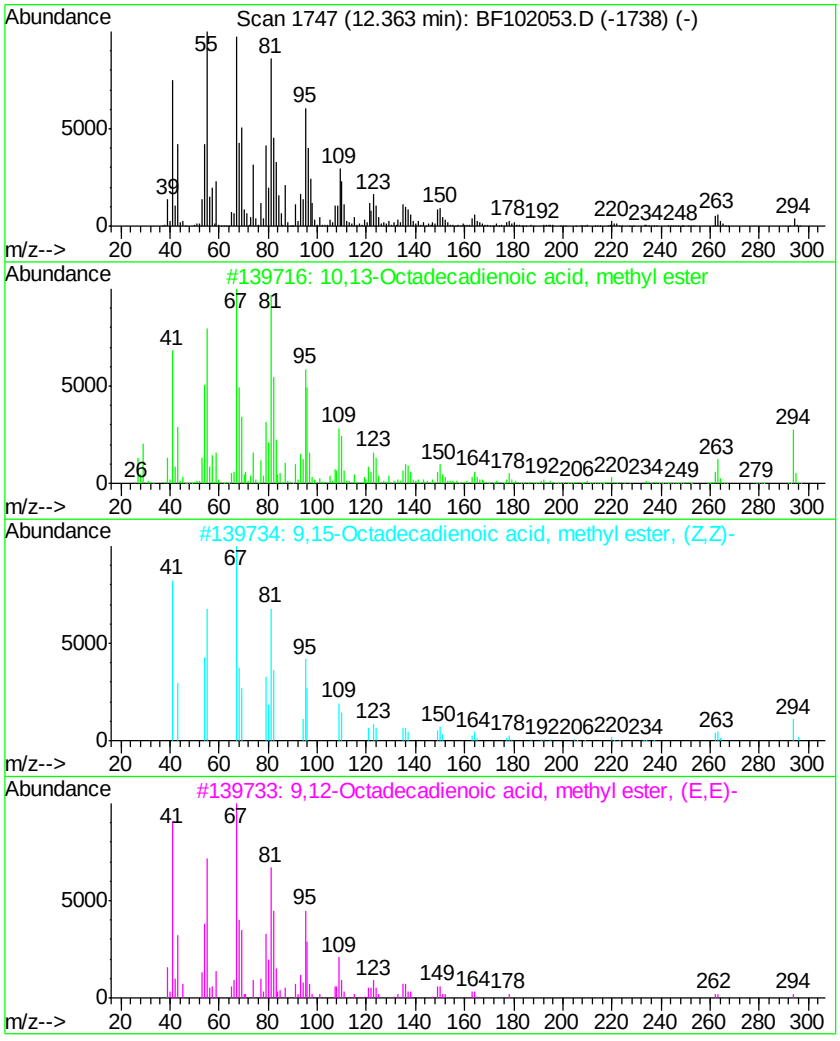
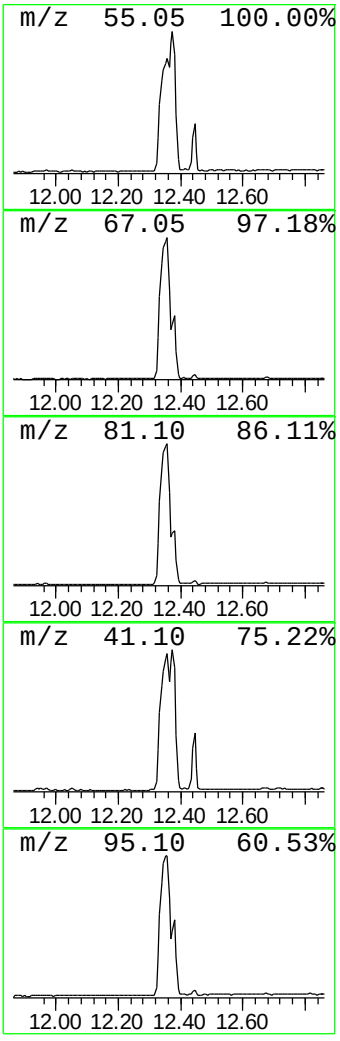
Peak Number 15 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	285.86 ng	15583900	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





Library Search Compound Report

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Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

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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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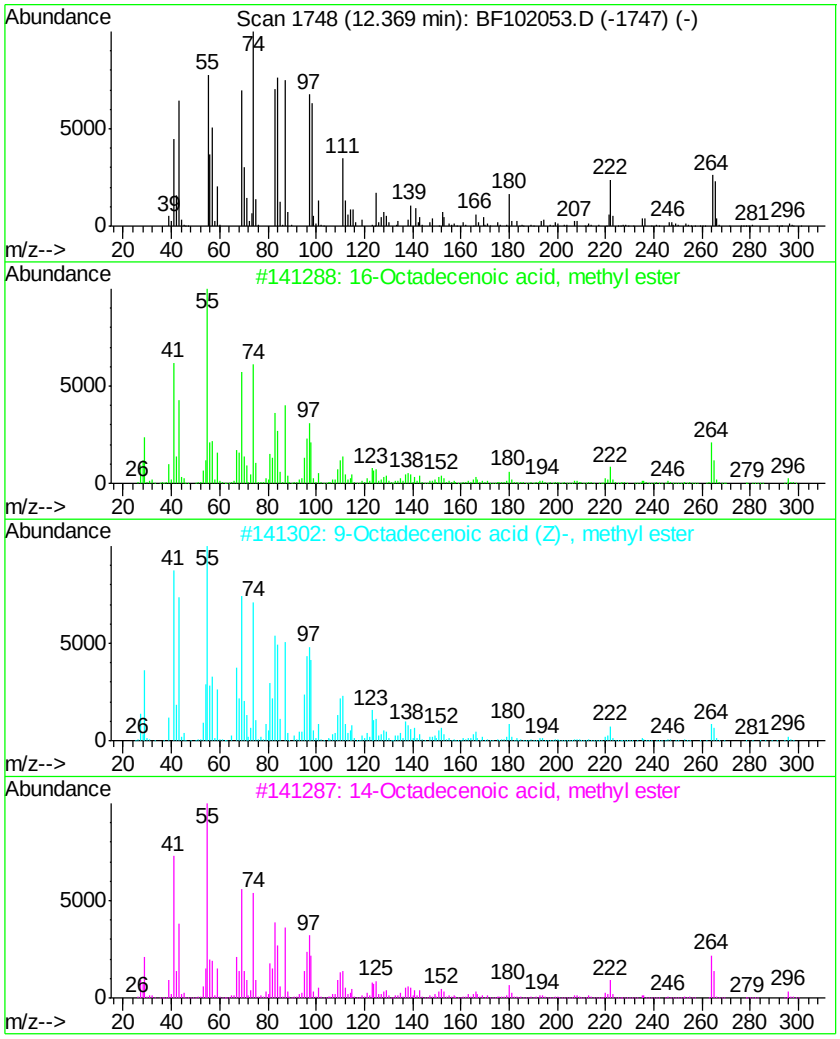
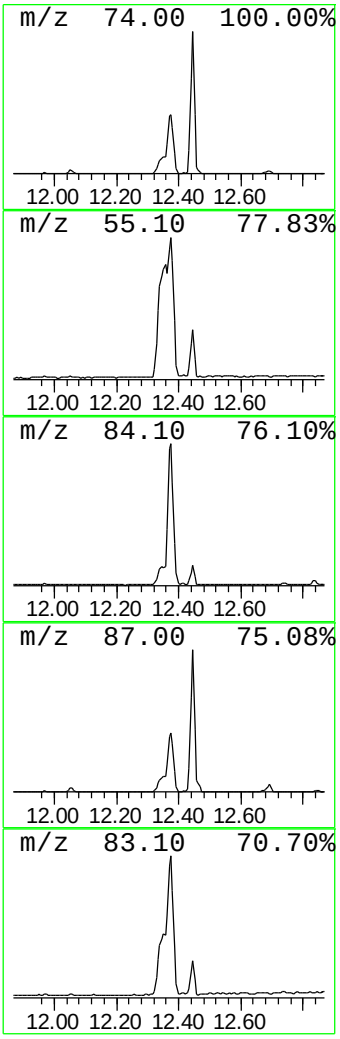
Peak Number 16 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	175.85 ng	9586880	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	89
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	74





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Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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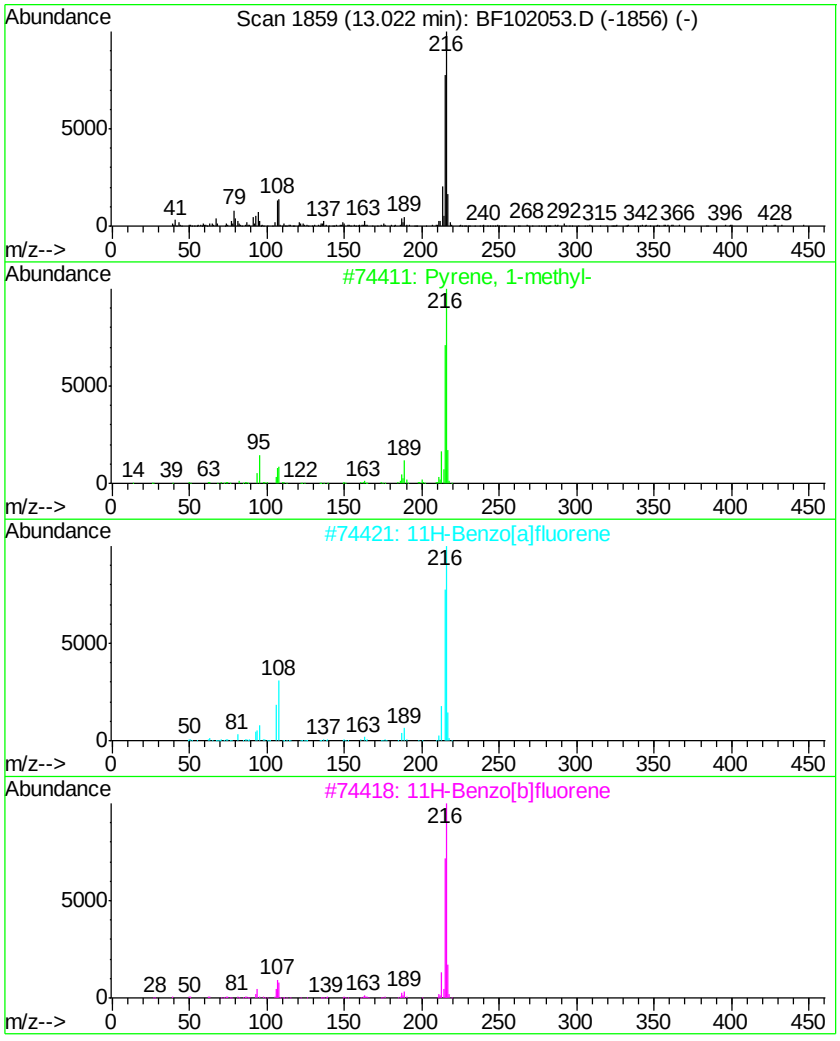
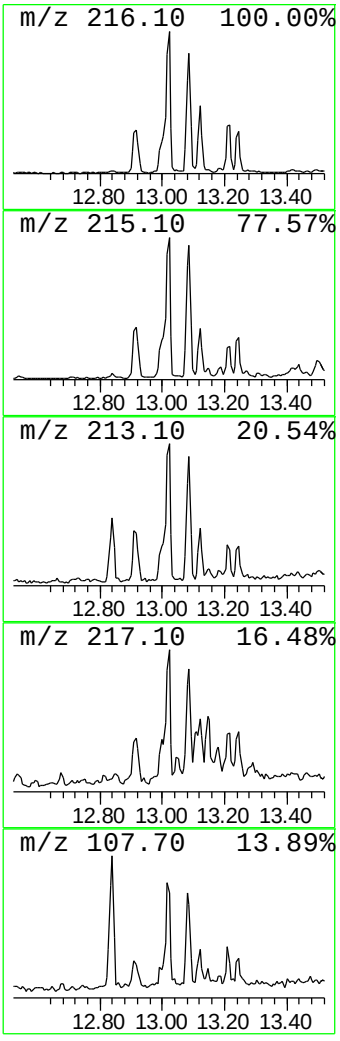
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.52 ng	330445	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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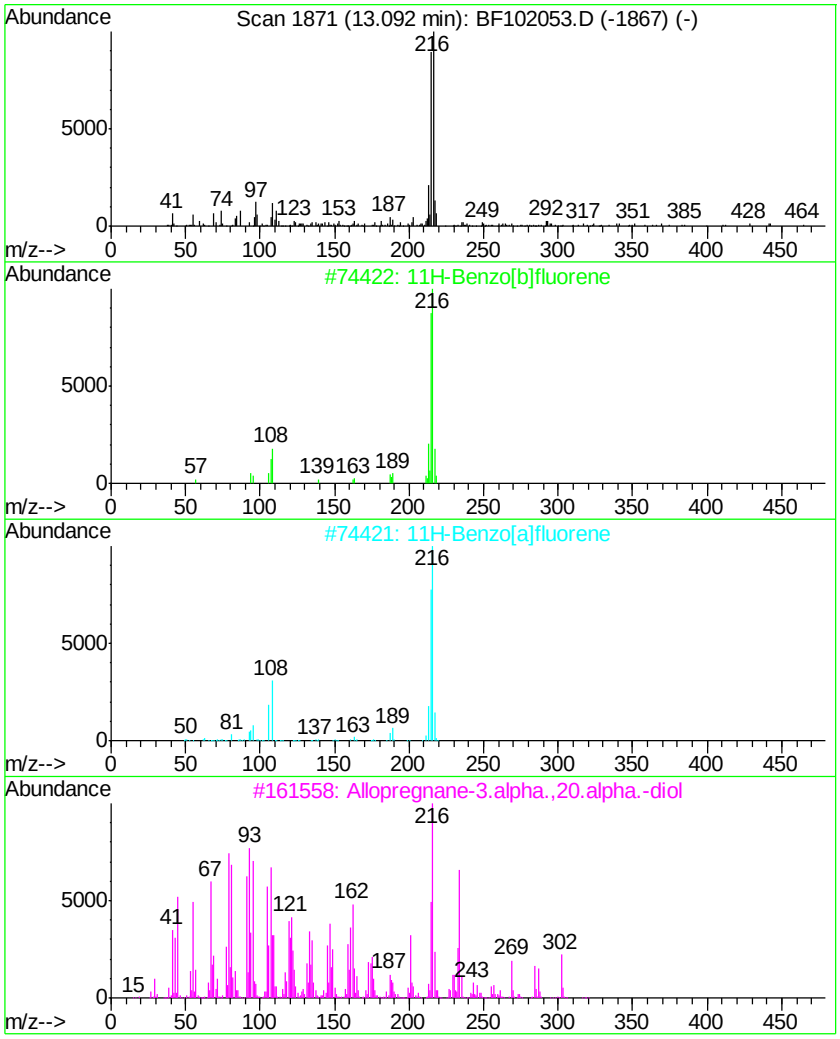
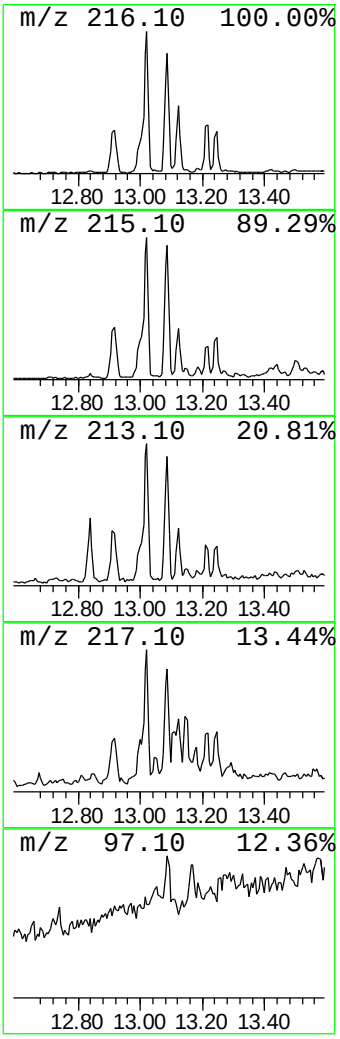
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.20 ng	394962	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72





Library Search Compound Report

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Sample : J1010-01
Misc :
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Instrument : BNA_F
ClientSampleId : BU-02-011118

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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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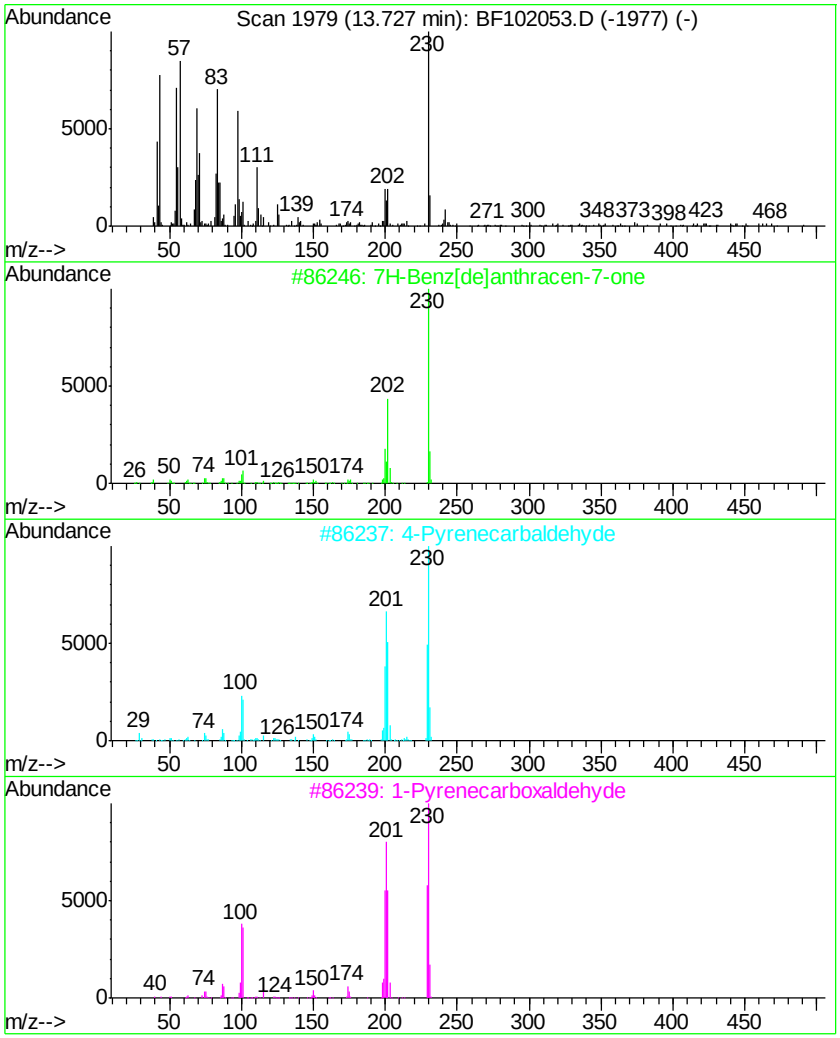
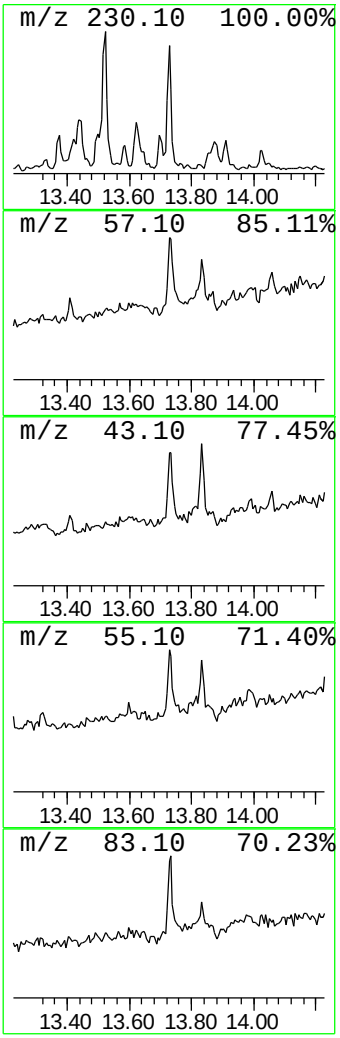
Peak Number 19 unknown13.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.13 ng	294325	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	35
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	35
4	Oxalic acid, monoamide, N-cycloh...	325	C19H35NO3	1000309-48-8	32
5	Benzoic acid, 2-amino-5-chloro-3...	230	C8H7ClN2O4	084228-49-9	22





Tentatively Identified Compound (LSC) summary

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Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-011118

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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...	4.95	6.2	ng	403935	1	6.73	1306800	20.0
unknown6.50	6.50	73.5	ng	4803010	1	6.73	1306800	20.0
Tridecane	9.70	3.4	ng	263261	3	9.76	1535640	20.0
Undecane, 3,5-dim...	10.20	4.0	ng	304505	3	9.76	1535640	20.0
Pentadecane	11.12	5.4	ng	296664	4	11.25	1090340	20.0
Naphtho[1,2-b]thi...	11.15	4.2	ng	230320	4	11.25	1090340	20.0
Hexadecanoic acid...	11.66	120.6	ng	6572400	4	11.25	1090340	20.0
Anthracene, 2-met...	11.77	5.8	ng	313233	4	11.25	1090340	20.0
4H-Cyclopenta[def...	11.86	7.3	ng	400079	4	11.25	1090340	20.0
17-Norkaur-15-ene...	11.94	5.9	ng	320981	4	11.25	1090340	20.0
Naphthalene, 2-ph...	12.05	3.8	ng	209425	4	11.25	1090340	20.0
Phenanthrene, 2,5...	12.30	3.2	ng	173963	4	11.25	1090340	20.0
10,13-Octadecadie...	12.36	285.9	ng	15583900	4	11.25	1090340	20.0
16-Octadecenoic a...	12.37	175.8	ng	9586880	4	11.25	1090340	20.0
Pyrene, 1-methyl-	13.02	3.5	ng	330445	5	13.89	1878680	20.0
11H-Benzo[b]fluorene	13.09	4.2	ng	394962	5	13.89	1878680	20.0
unknown13.73	13.73	3.1	ng	294325	5	13.89	1878680	20.0