LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104702.D
Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

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-BF040618.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	5.428	563	568	571	rBV	2302776	2177226	14.13%	3.783%
2	6.451	737	742	759	rBV	2147901	2229541	14.47%	3.874%
3	6.581	759	764	767	rBV	2619250	2273615	14.76%	3.950%
4	6.804	799	802	806	rBV	786089	652974	4.24%	1.135%
5	6.963	825	829	832	rBV	2172133	1807850	11.74%	3.141%
6	7.375	894	899	902	rBV	1463372	1327642	8.62%	2.307%
7	8.092	1018	1021	1023	rBV	874096	751568	4.88%	1.306%
8	8.904	1154	1159	1163	rBV	230396	199542	1.30%	0.347%
9	9.163	1199	1203	1211	rBV	2468120	2368748	15.38%	4.116%
10	9.428	1244	1248	1253	rBV	192920	230617	1.50%	0.401%
11	9.504	1257	1261	1263	rVV	202313	212018	1.38%	0.368%
12	9.557	1267	1270	1278	rVB	212764	240282	1.56%	0.417%
13	9.769	1303	1306	1310	rVB	207912	154729	1.00%	0.269%
14	9.845	1316	1319	1322	rVV2	880335	721509	4.68%	1.254%
15	9.881	1322	1325	1328	rVB	181426	162099	1.05%	0.282%
16	10.269	1389	1391	1394	rVB	262974	200161	1.30%	0.348%
17	10.392	1409	1412	1418	rVB	288064	278680	1.81%	0.484%
18	10.639	1450	1454	1458	rBV	1369607	1152291	7.48%	2.002%
19	10.745	1469	1472	1481	rVB3	199541	310961	2.02%	0.540%
20	11.192	1544	1548	1550	rBV2	165648	155221	1.01%	0.270%
21	11.233	1550	1555	1559	rVB2	125299	173590	1.13%	0.302%
22	11.333	1569	1572	1574	rBV	705699	666833	4.33%	1.159%
23	11.363	1574	1577	1580	rVV	1179354	1014936	6.59%	1.763%
24	11.410	1582	1585	1588	rVB	314456	249172	1.62%	0.433%
25	11.733	1635	1640	1643	rBV	5470330	6178280	40.11%	10.735%
26	11.839	1654	1658	1660	rBV	318797	287065	1.86%	0.499%
27	11.869	1660	1663	1665	rVV	397715	350837	2.28%	0.610%
28	11.951	1673	1677	1679	rVV2	446810	486631	3.16%	0.846%
29	11.975	1679	1681	1686	rVB	264265	203038	1.32%	0.353%
30	12.133	1704	1708	1711	rVB2	208385	204005	1.32%	0.354%
31	12.439	1748	1760	1762	rBV2	5633690	15403290	100.00%	26.763%
32	12.527	1771	1775	1777	rVB	3404685	3246454	21.08%	5.641%
33	12.557	1777	1780	1783	rVB	985135	801289	5.20%	1.392%
34	12.598	1784	1787	1791	rBV4	120428	177581	1.15%	0.309%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.757	1809	1814	1816	rBV2	228072	297321	1.93%	0.517%
36	12.786	1816	1819	1826	rVB	1031433	1286629	8.35%	2.236%
37	12.927	1837	1843	1846	rBV	1901083	1887910	12.26%	3.280%
38	13.004	1853	1856	1864	rBV4	156879	244544	1.59%	0.425%
39	13.116	1869	1875	1878	rVB2	473575	742341	4.82%	1.290%
40	13.163	1881	1883	1889	rVB2	315480	488670	3.17%	0.849%
41	13.221	1890	1893	1894	rBV	173916	155046	1.01%	0.269%
42	13.245	1894	1897	1899	rVB	388067	339116	2.20%	0.589%
43	13.310	1905	1908	1911	rBV	186300	167107	1.08%	0.290%
44	13.339	1911	1913	1920	rVB2	151101	216497	1.41%	0.376%
45	13.674	1964	1970	1975	rVB5	219709	394486	2.56%	0.685%
46	13.810	1991	1993	2000	rVB2	285833	360123	2.34%	0.626%
47	13.910	2007	2010	2015	rVB2	425086	410295	2.66%	0.713%
48	13.986	2018	2023	2025	rVV2	816711	1126879	7.32%	1.958%
49	14.010	2025	2027	2033	rVB	501973	472200	3.07%	0.820%
50	14.451	2099	2102	2108	rBV4	135698	255054	1.66%	0.443%
51	15.033	2197	2201	2207	rBV	243112	423211	2.75%	0.735%
52	15.086	2207	2210	2216	rVB	182346	209367	1.36%	0.364%
53	15.333	2249	2252	2257	rVB	167727	217106	1.41%	0.377%
54	15.392	2259	2262	2268	rVB	251754	297279	1.93%	0.517%
55	15.457	2270	2273	2280	rVB3	388094	511974	3.32%	0.890%

Sum of corrected areas: 57553430

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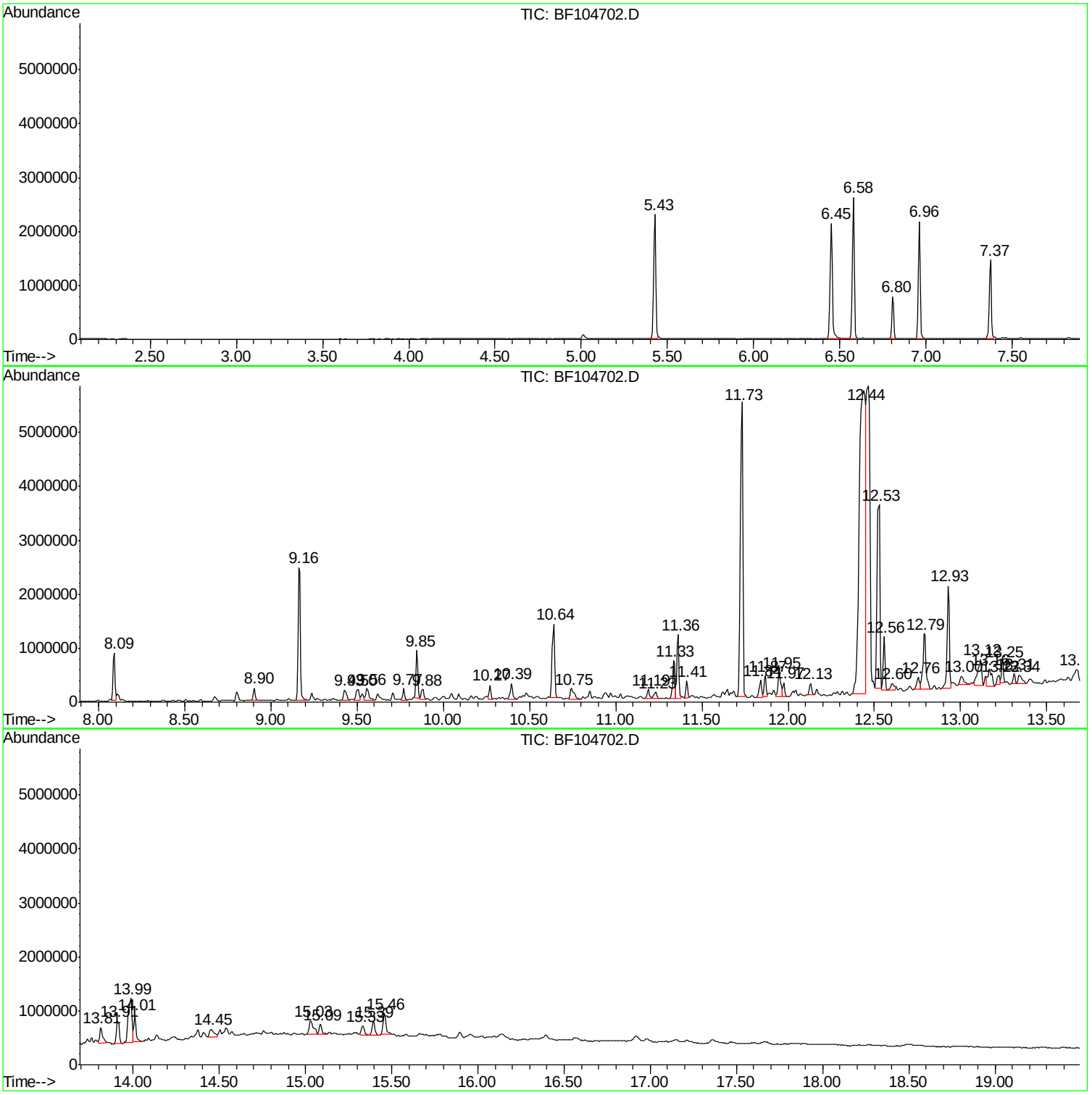
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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

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Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

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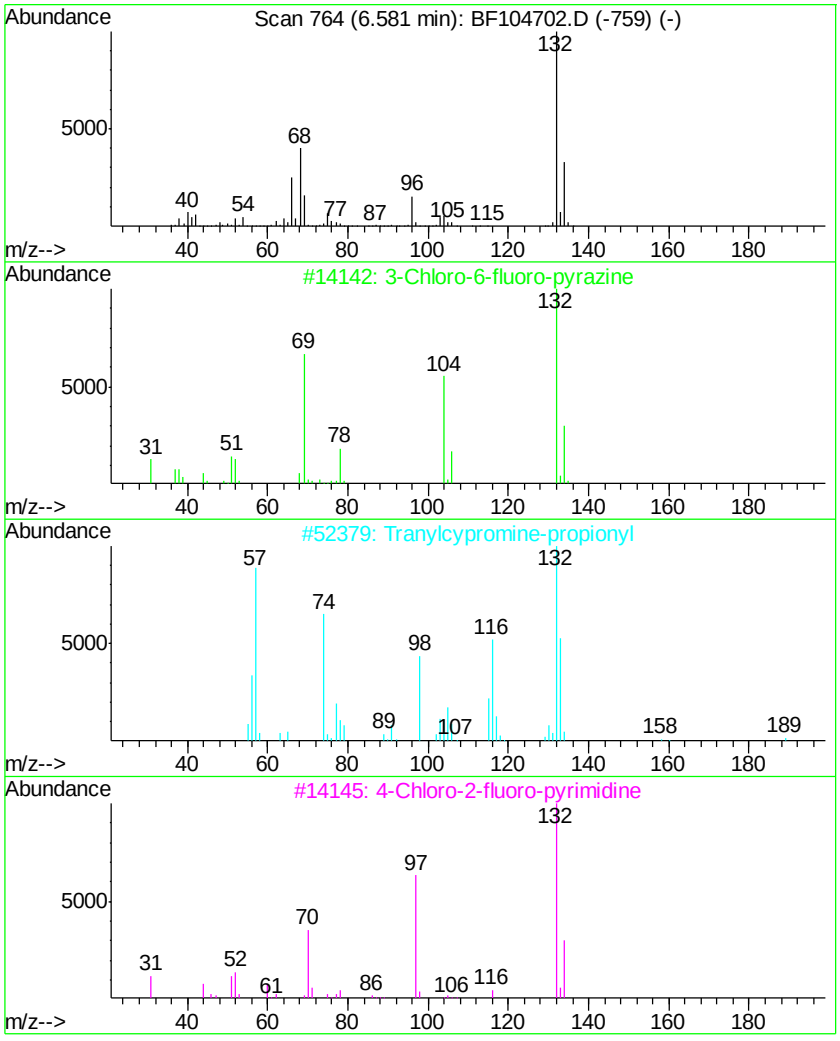
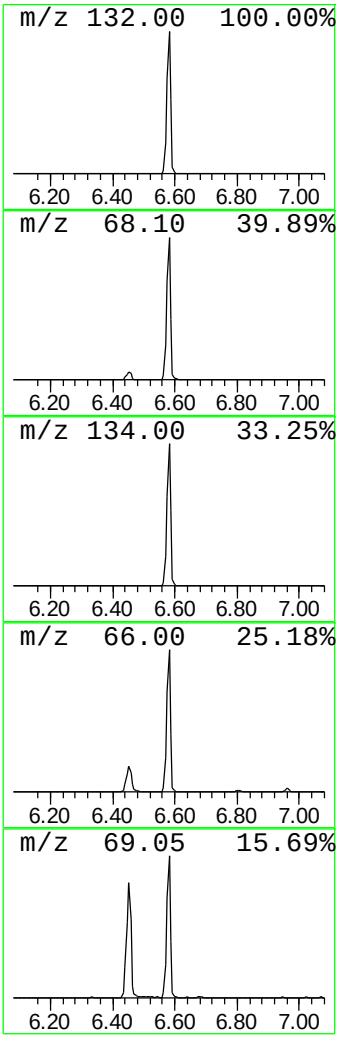
Peak Number 1 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	69.64 ng	2273620	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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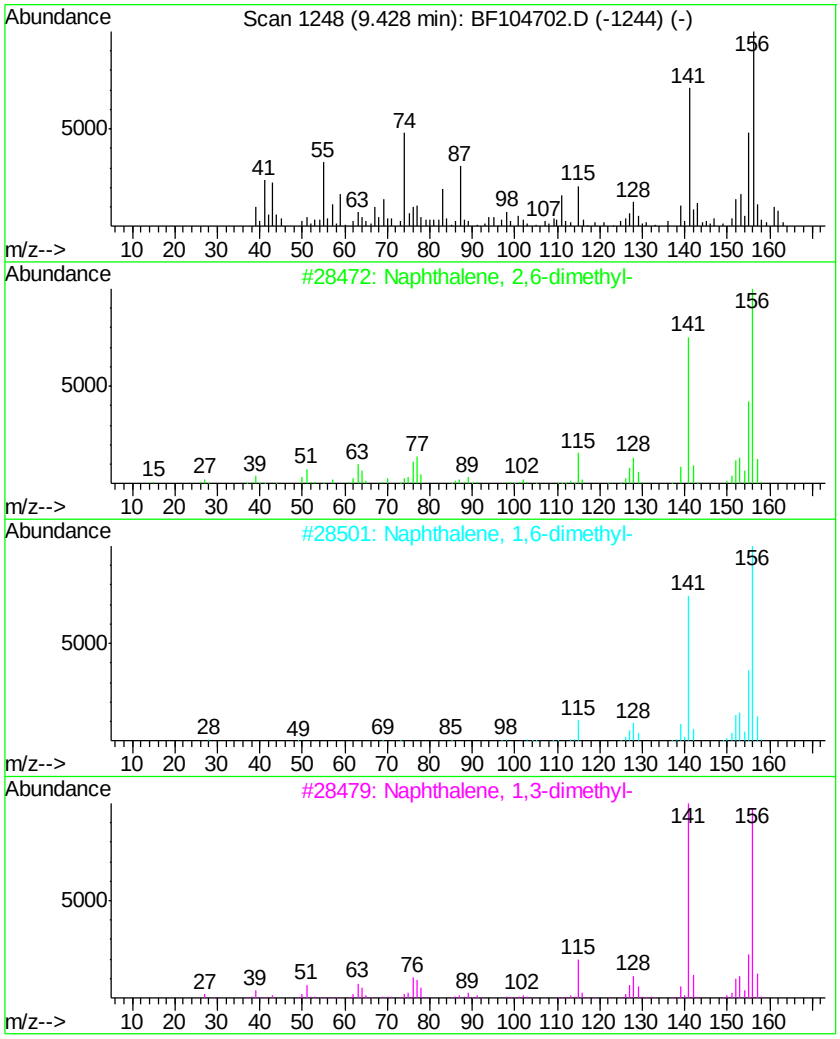
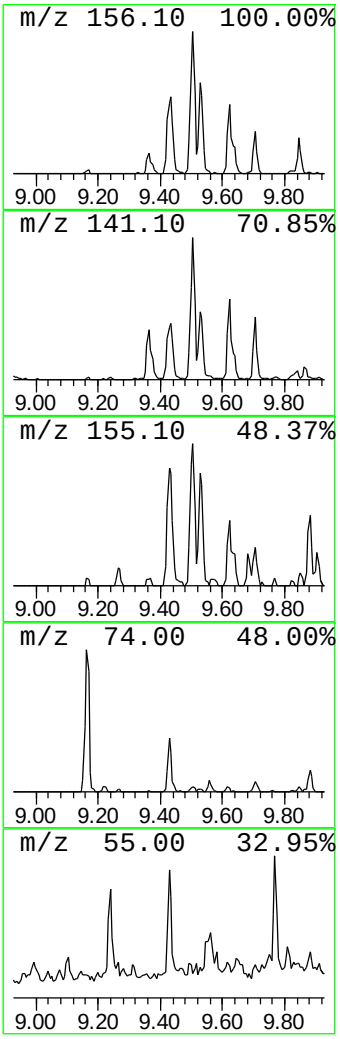
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	6.39 ng	230617	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104702.D
Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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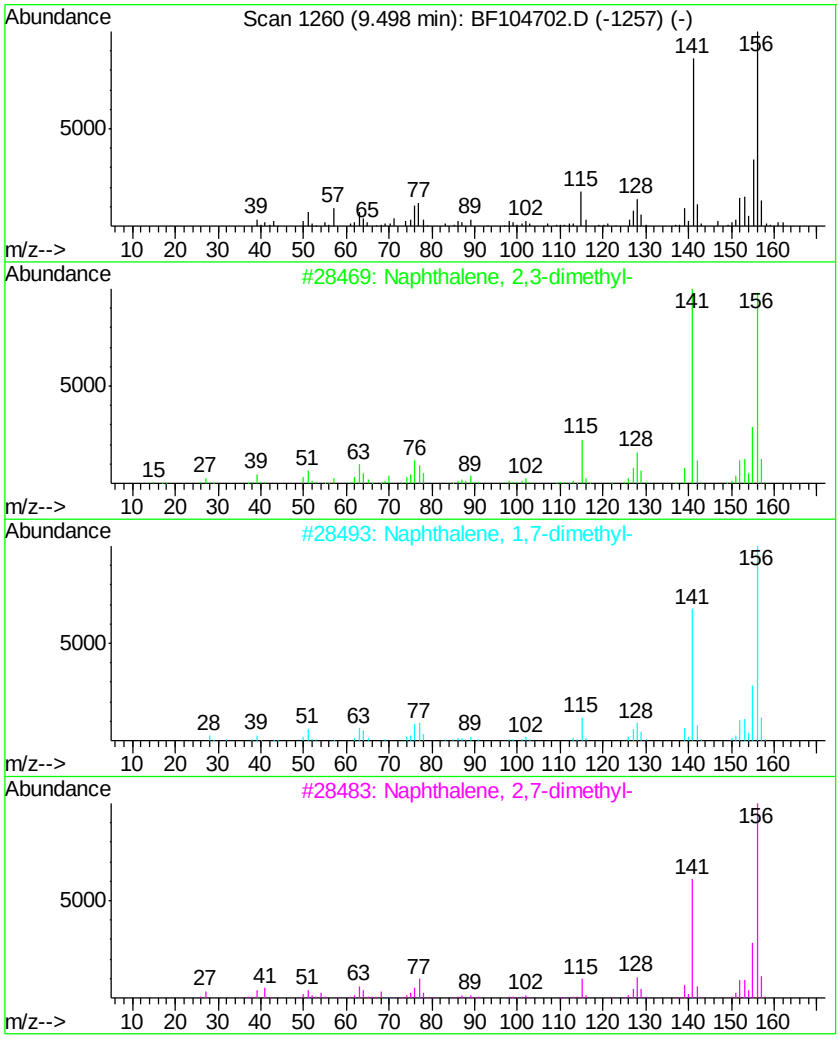
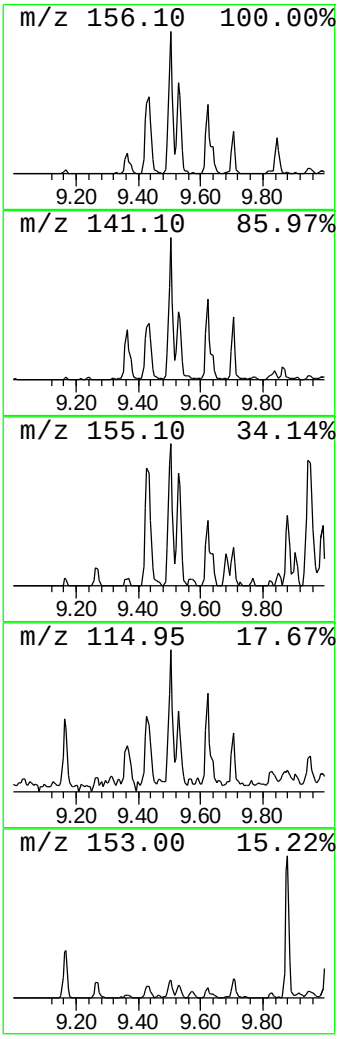
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.88 ng	212018	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

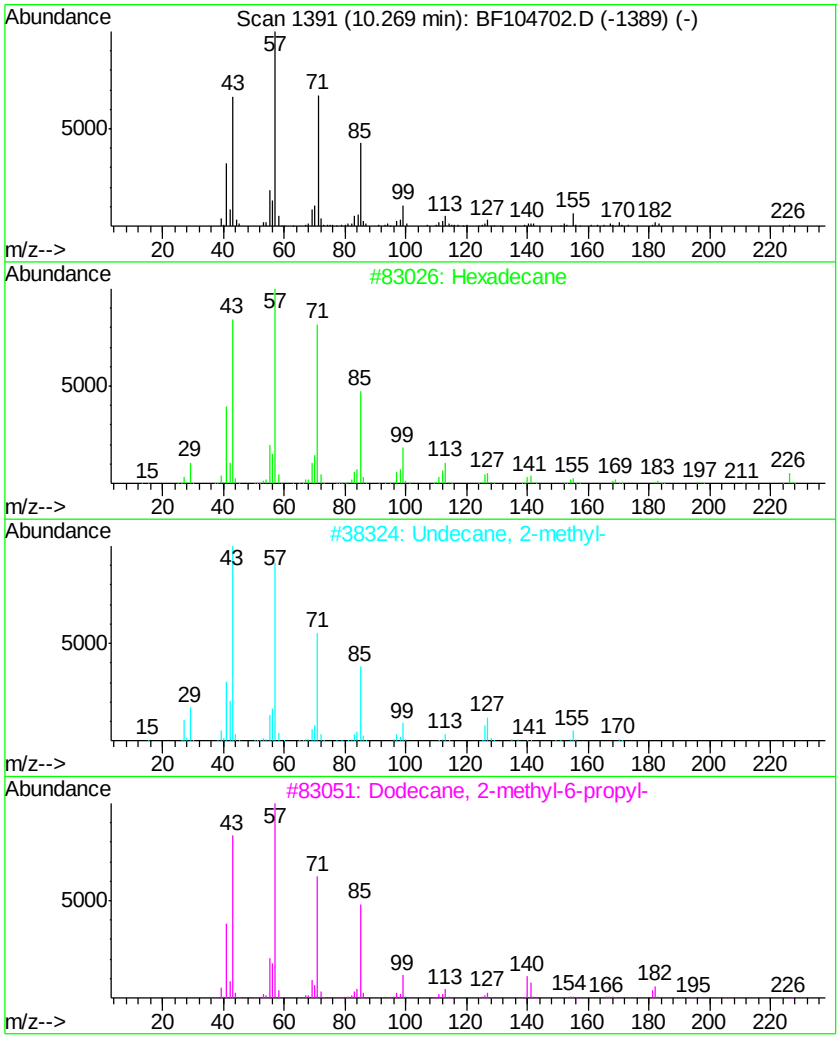
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

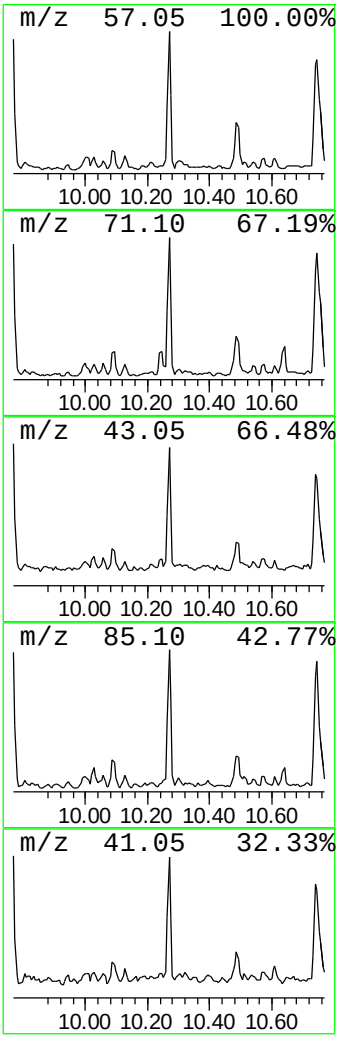
****

Peak Number 6 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	5.55 ng	200161	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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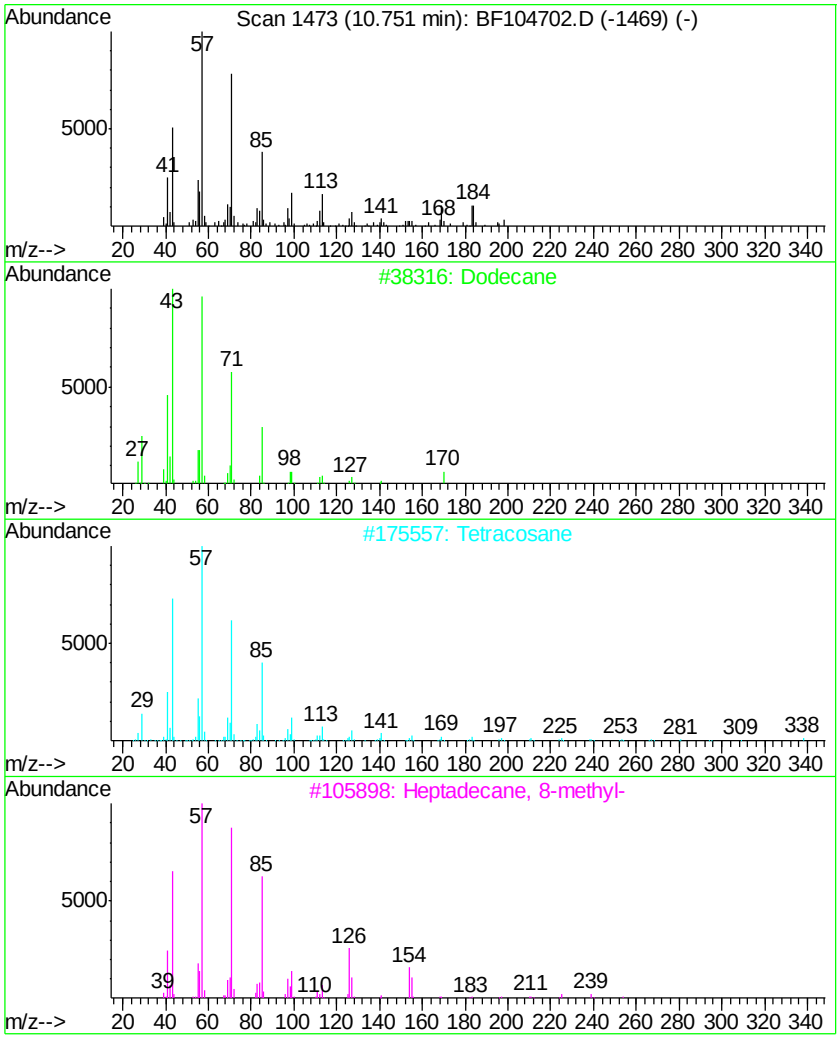
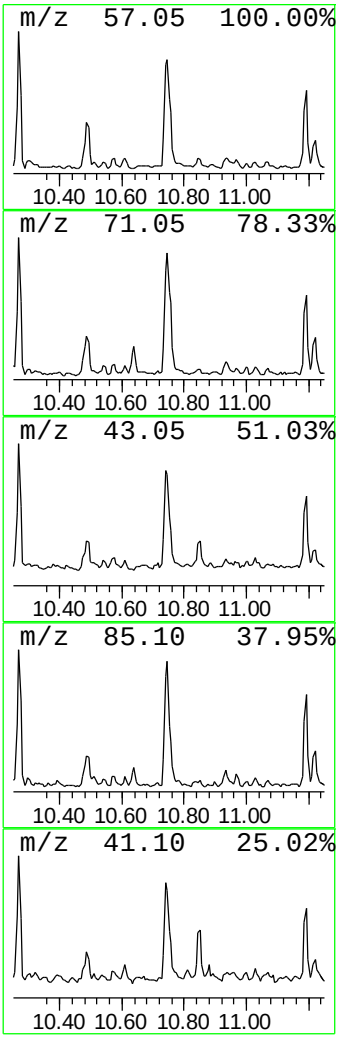
Peak Number 7 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	9.33 ng	310961	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





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Instrument : BNA_F
ClientSampleId : BU-03-042018

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

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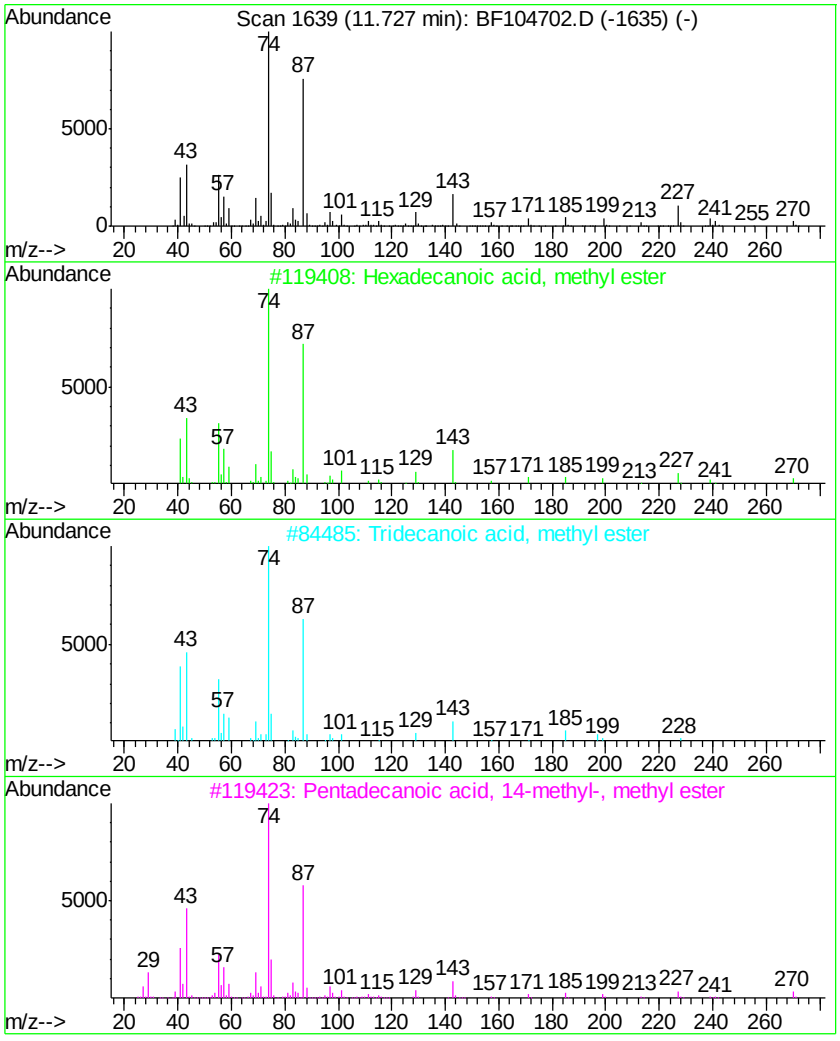
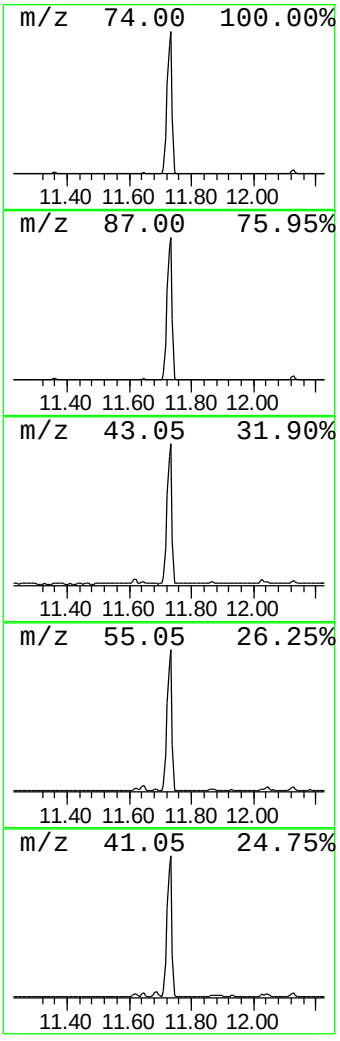
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	185.30 ng	6178280	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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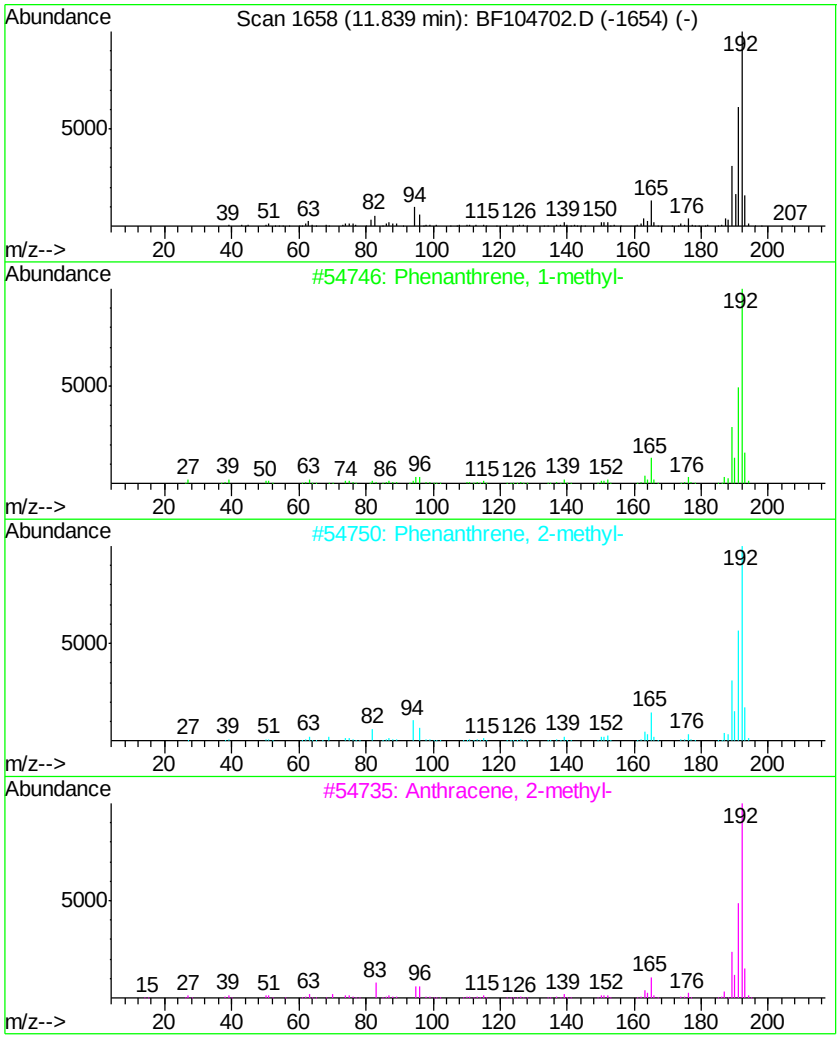
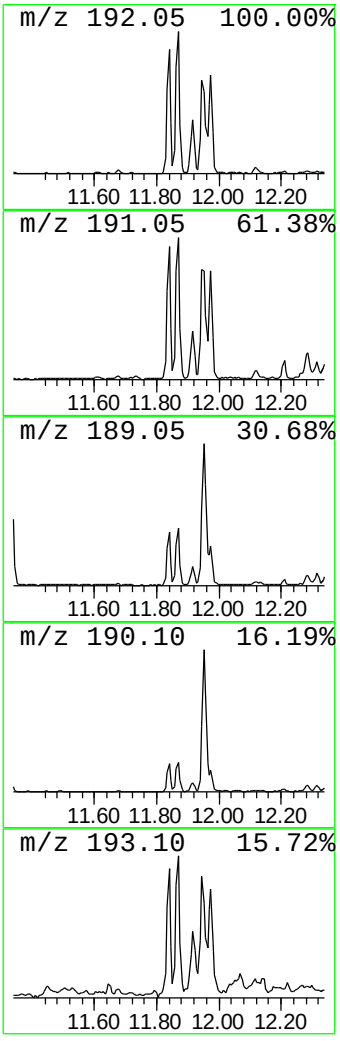
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	8.61 ng	287065	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104702.D
Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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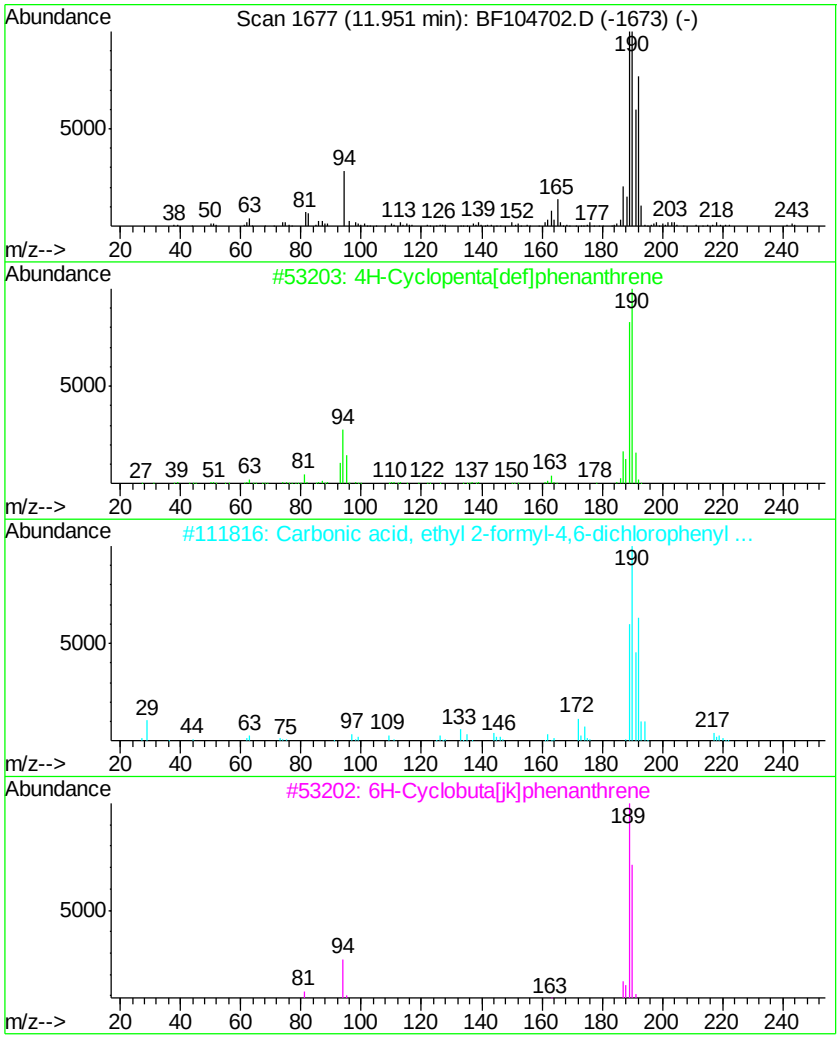
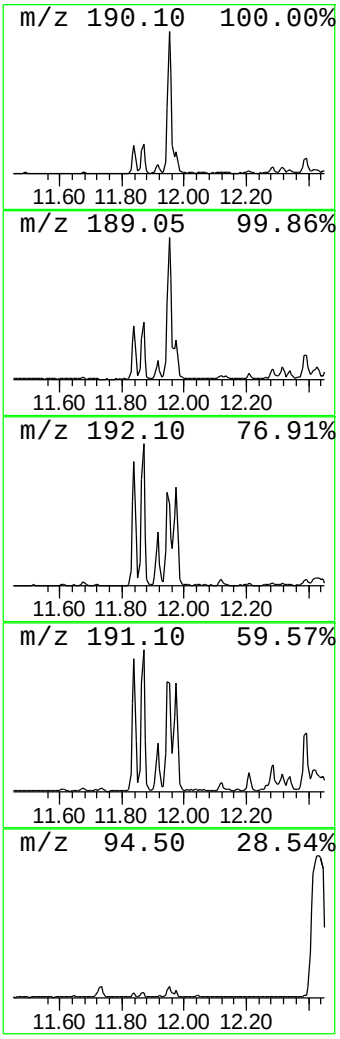
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	14.60 ng	486631	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
4	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	37
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35





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Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

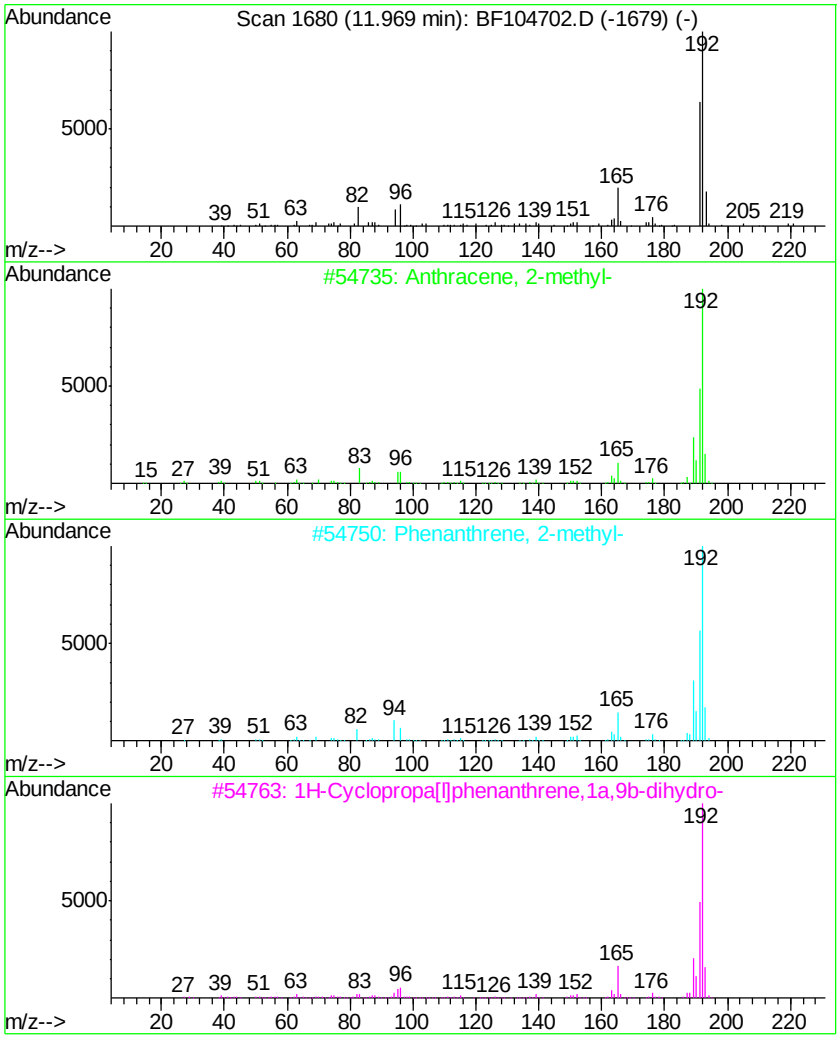
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

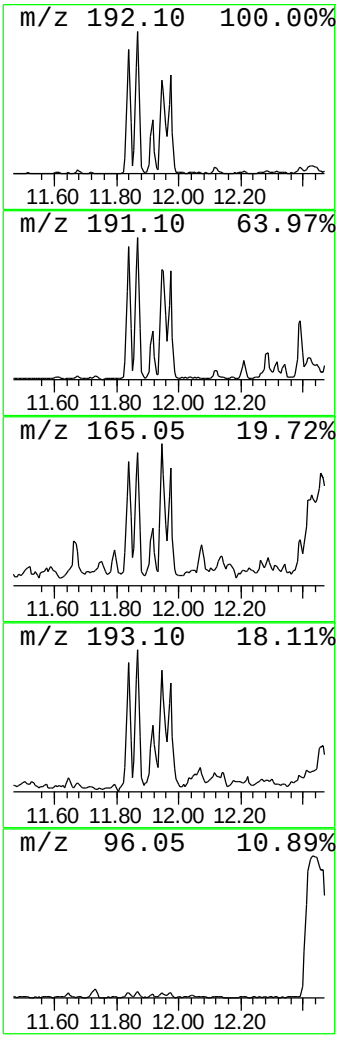
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.09 ng	203038	Phenanthrene-d10	11.33

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

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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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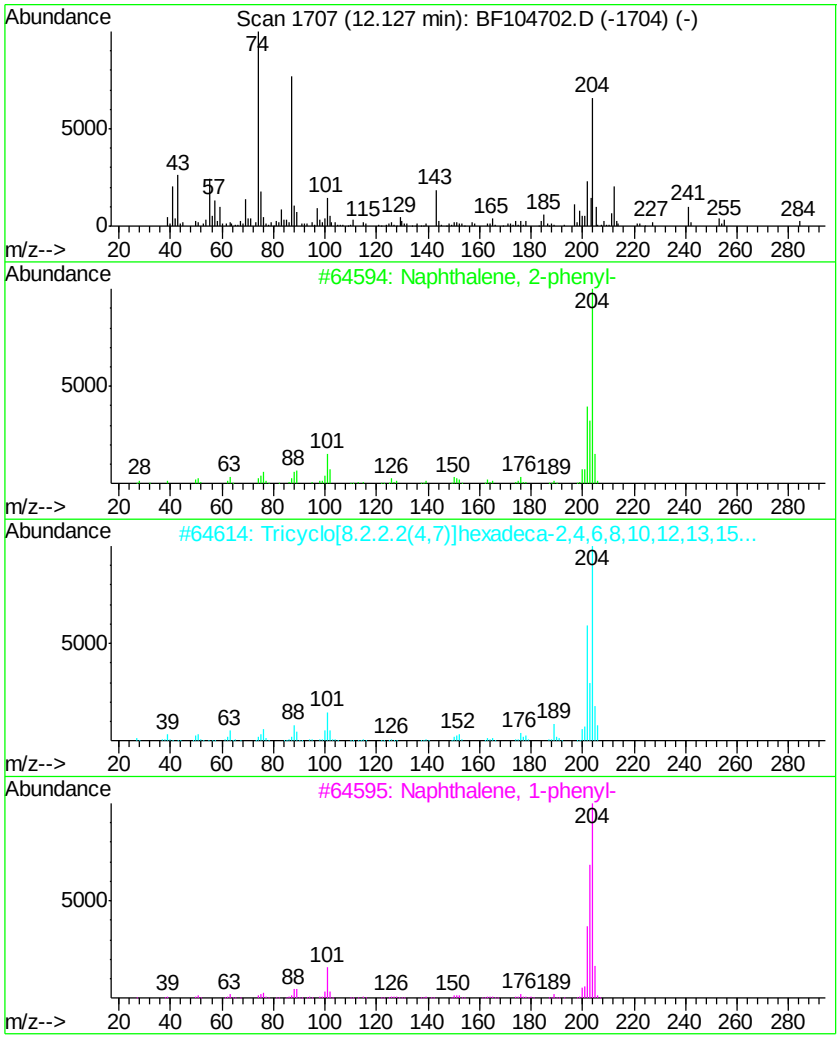
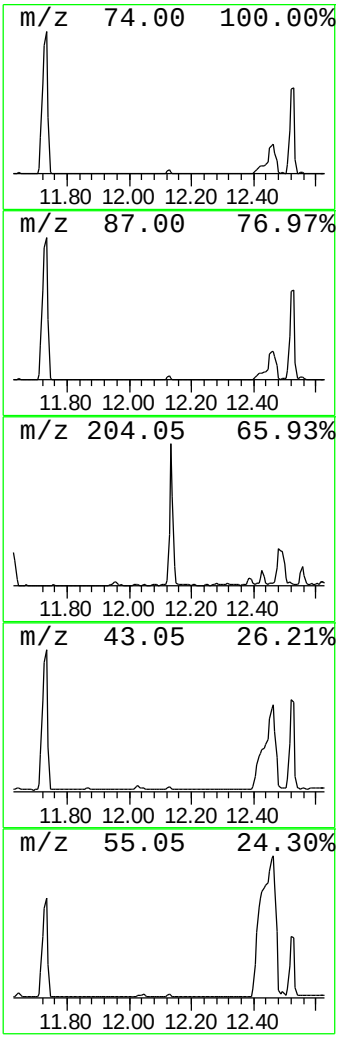
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	6.12 ng	204005	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	Levamisole	204	C11H12N2S	014769-73-4	47
5	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	47





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId : BU-03-042018

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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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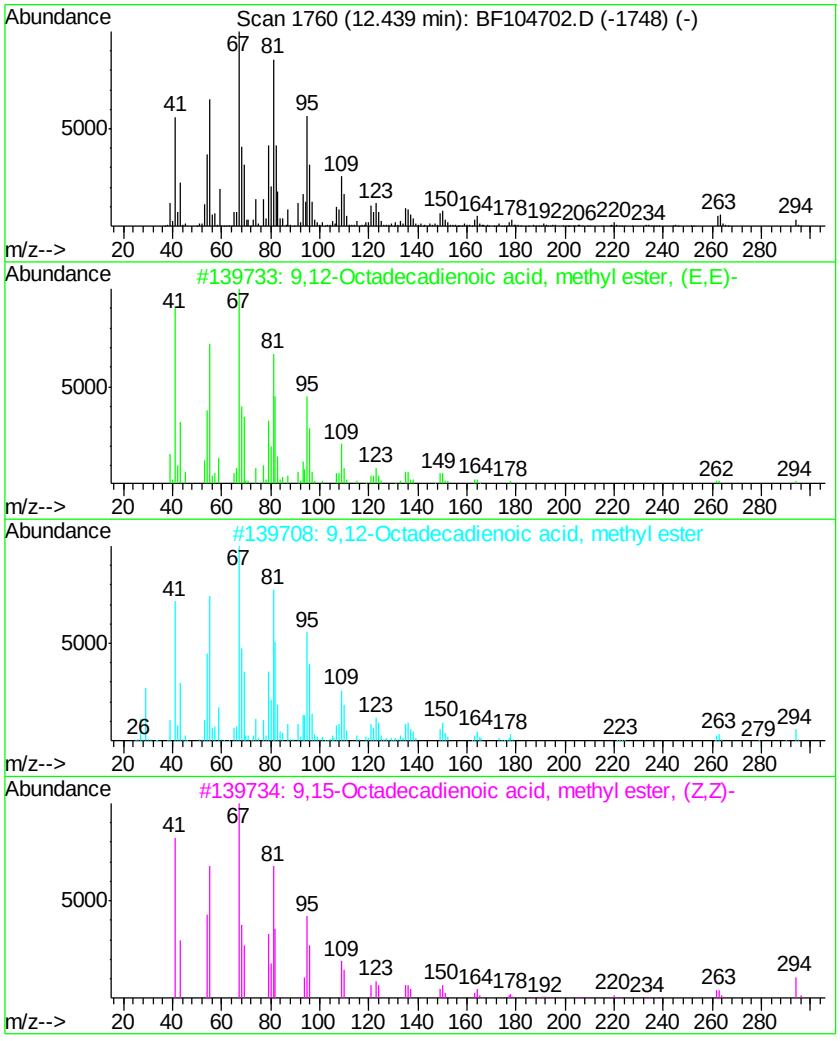
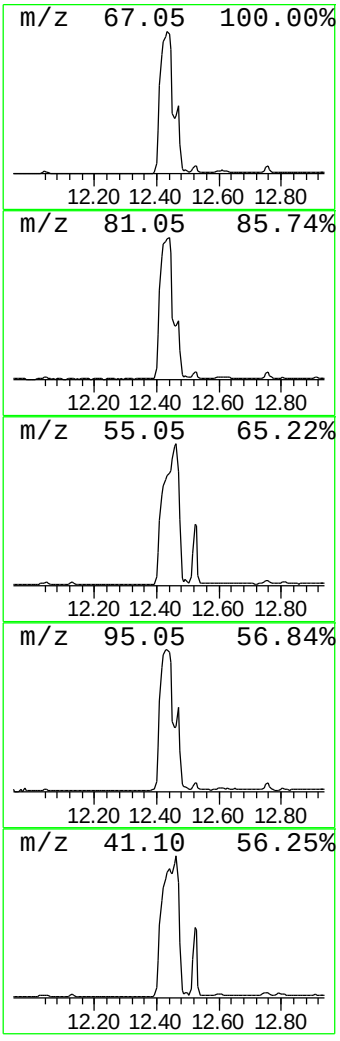
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	461.98 ng	15403300	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





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Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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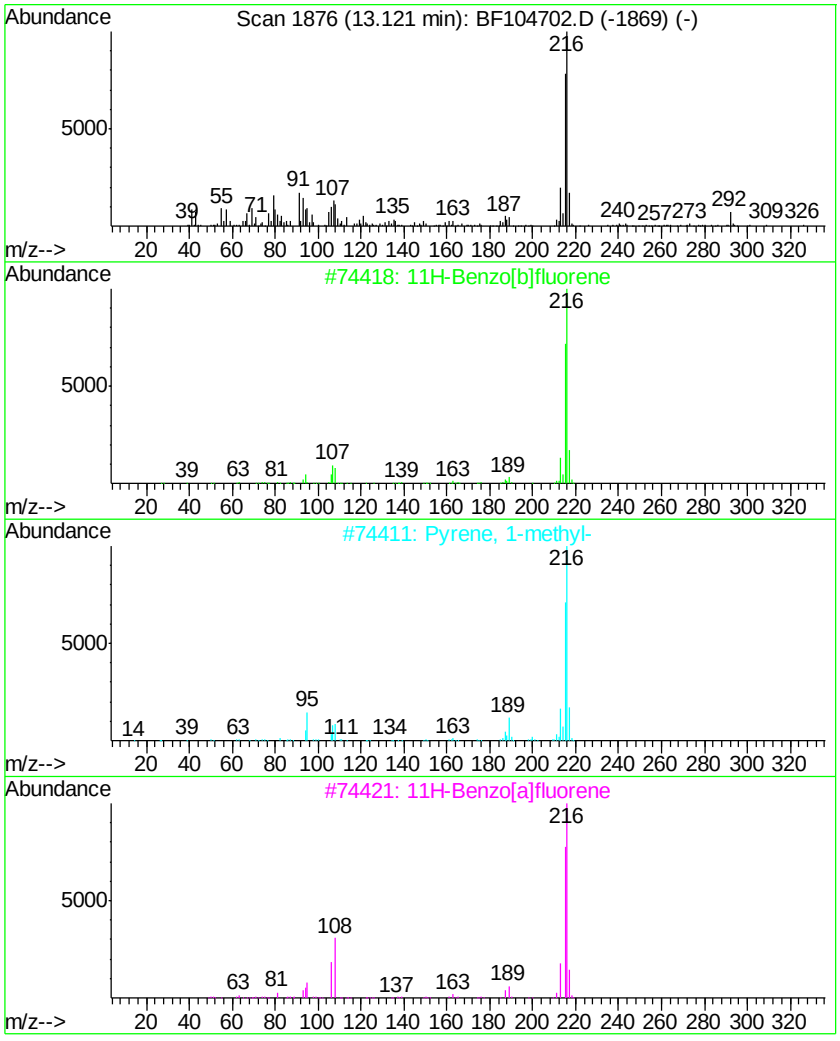
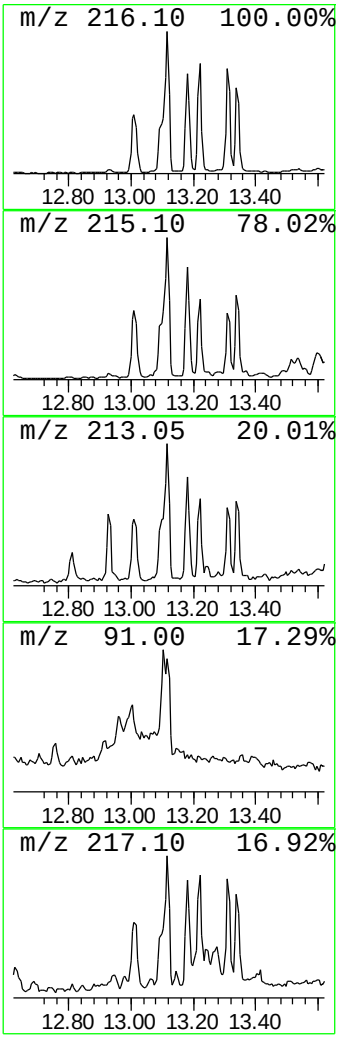
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	13.18 ng	742341	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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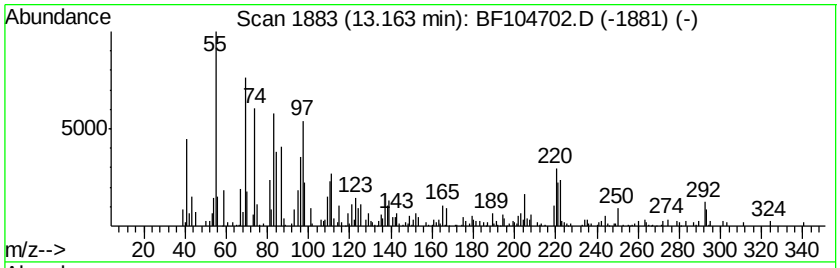
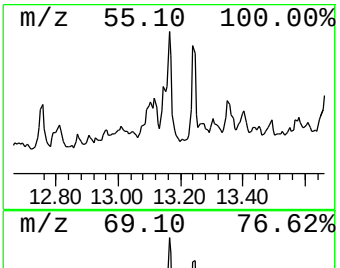
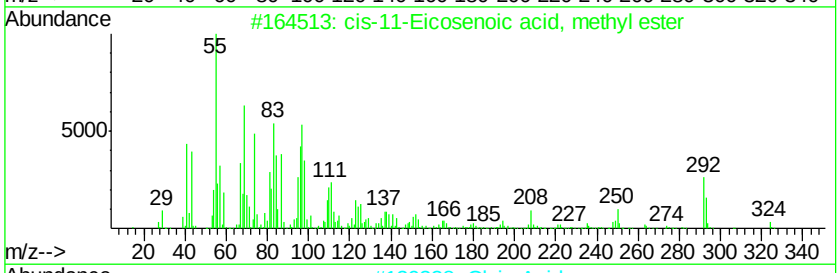
Peak Number 15 cis-11-Eicosenoic acid, met... Concentration Rank 8

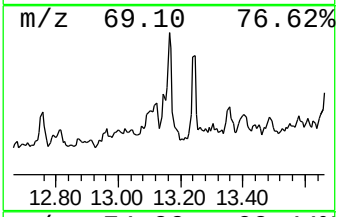
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	8.67 ng	488670	Chrysene-d12	13.99

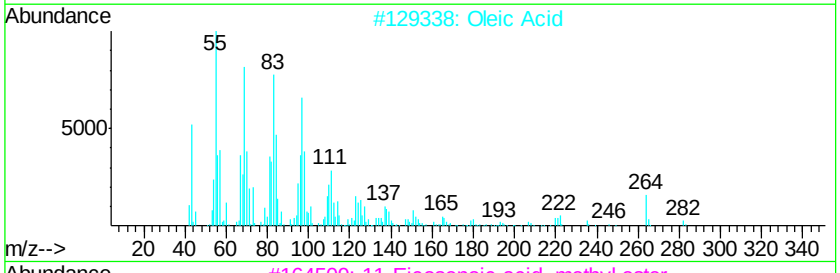
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	70
2	Oleic Acid	282	C18H34O2	000112-80-1	52
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	50
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	49
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	46

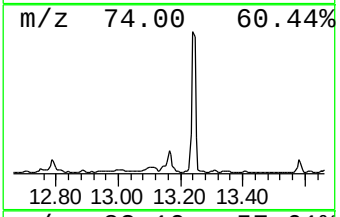


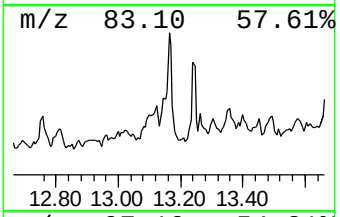


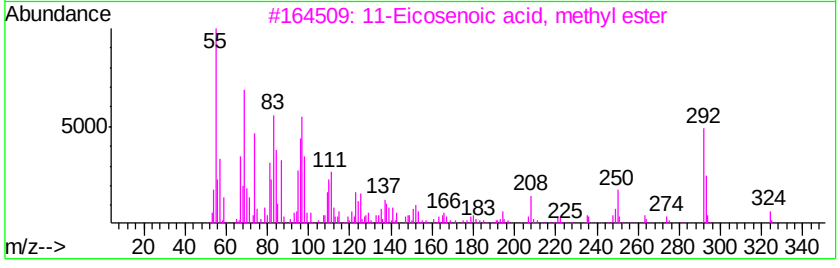


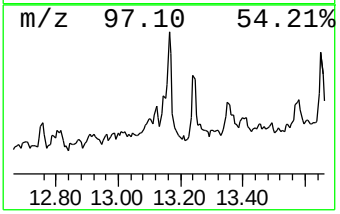












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Data File : BF104702.D
Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

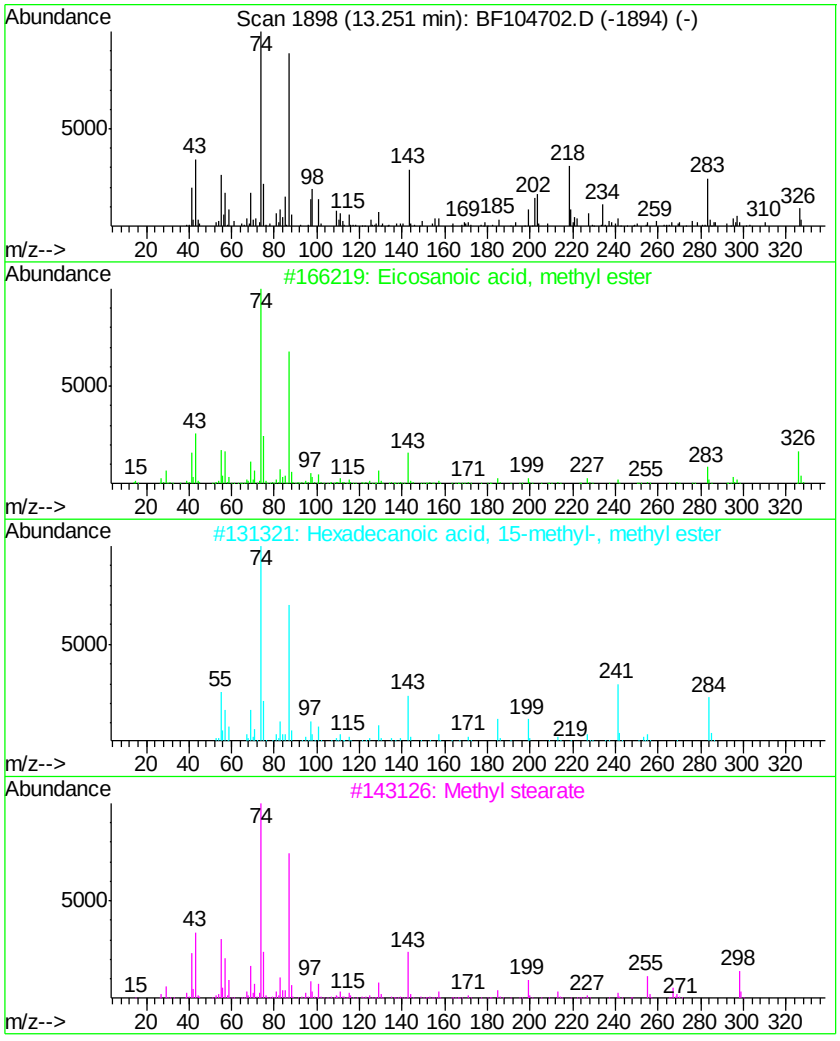
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

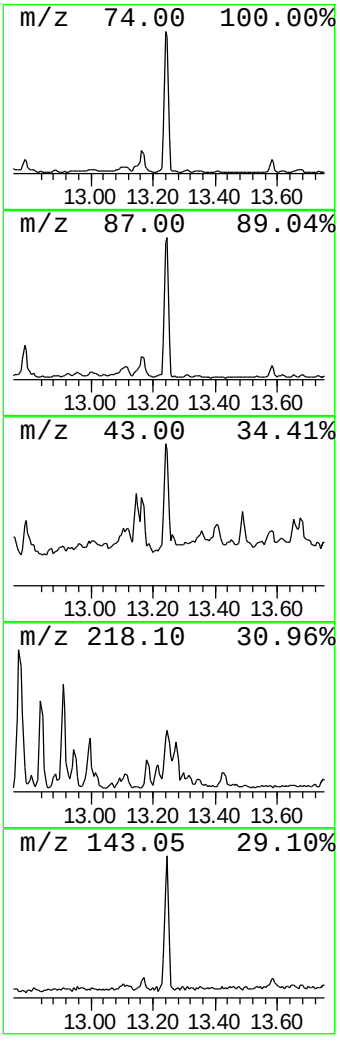
****

Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.02 ng	339116	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
3	Methyl stearate	298	C19H38O2	000112-61-8	87
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Methyl 10-methyl-hexadecanoate	284	C18H36O2	1000336-50-9	83





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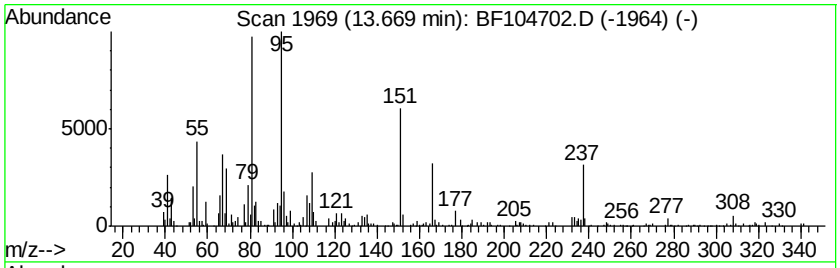
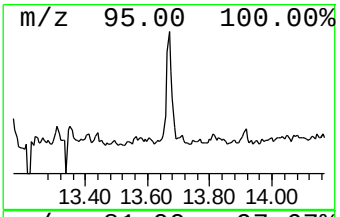
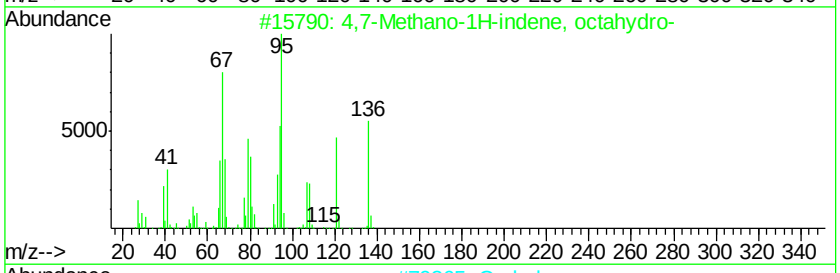
Peak Number 17 unknown13.67 Concentration Rank 12

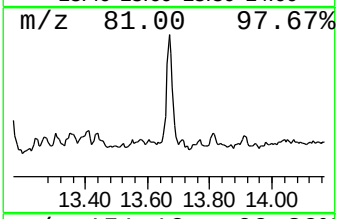
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.00 ng	394486	Chrysene-d12	13.99

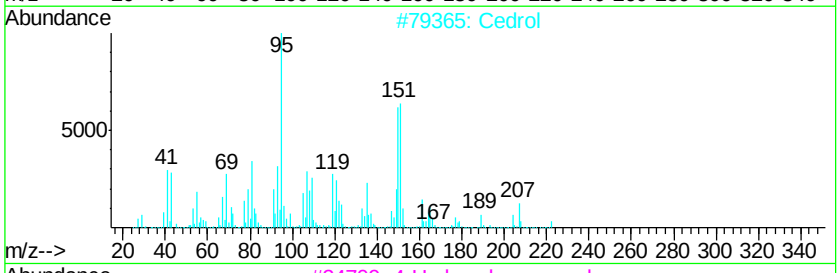
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	38
2	Cedrol	222	C15H26O	000077-53-2	25
3	4-Hydroxybenzoxazolone	151	C7H5NO3	028955-70-6	25
4	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	25
5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	22

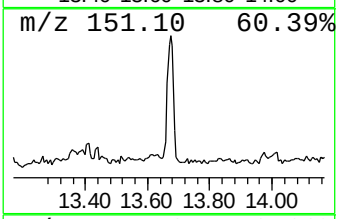


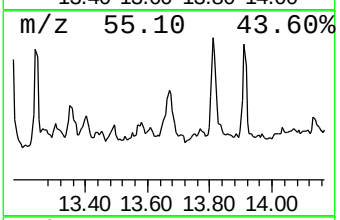


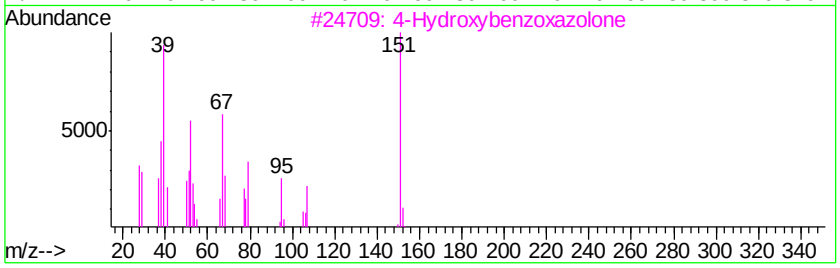


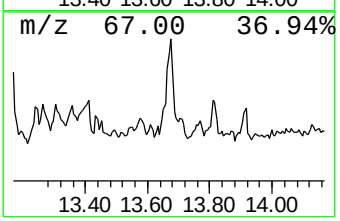












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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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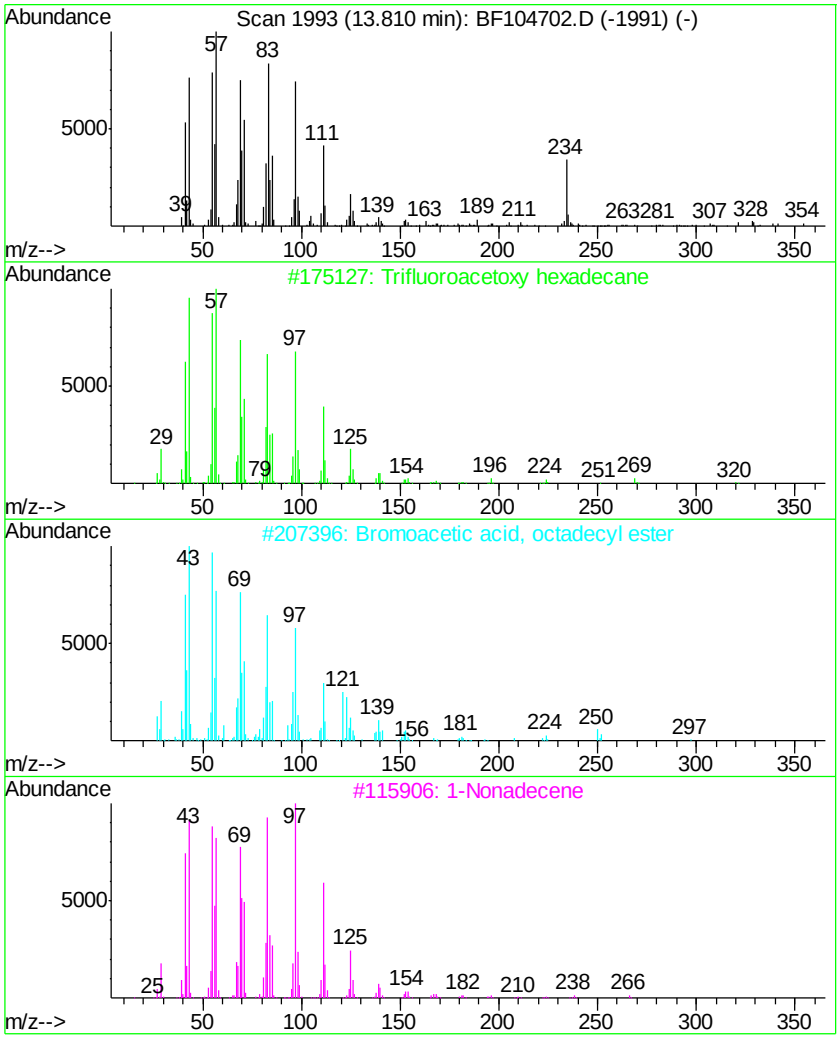
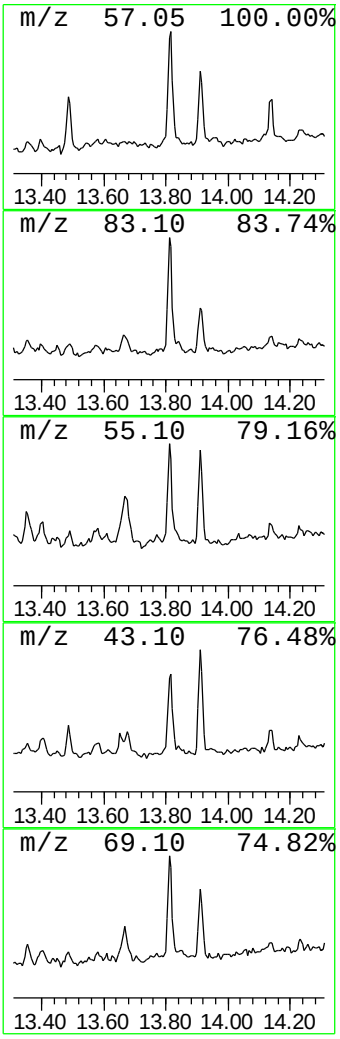
Peak Number 18 Trifluoroacetoxy hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.39 ng	360123	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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

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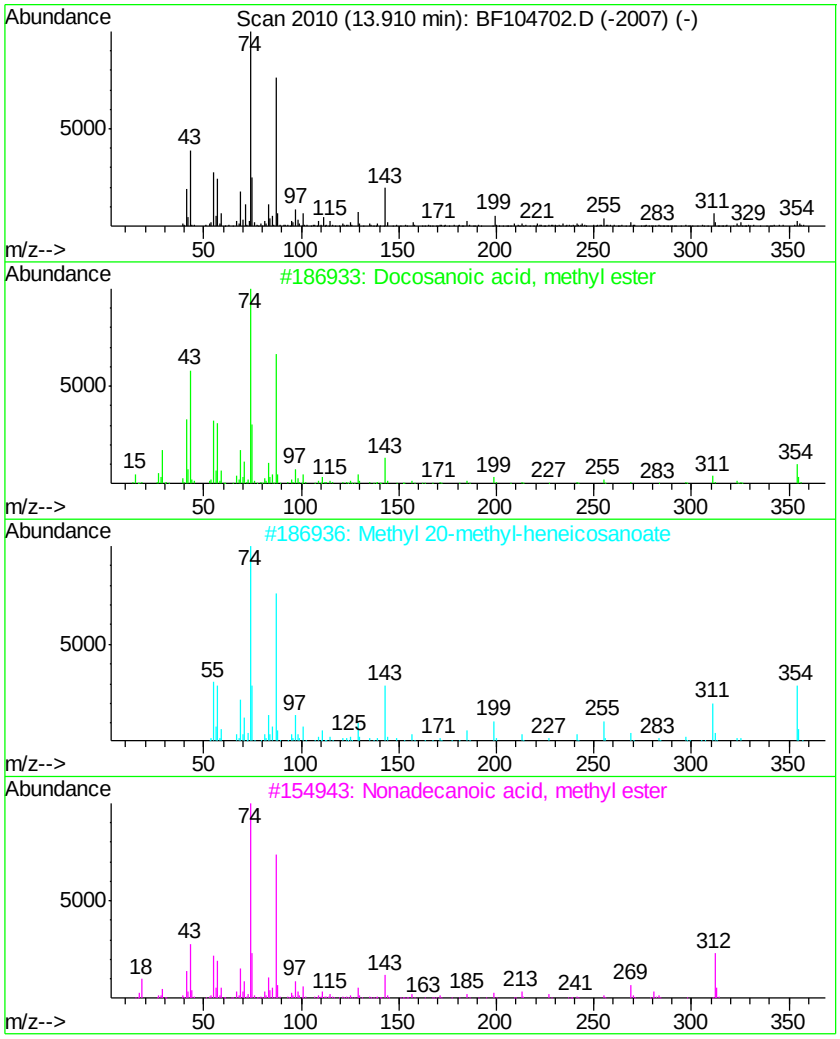
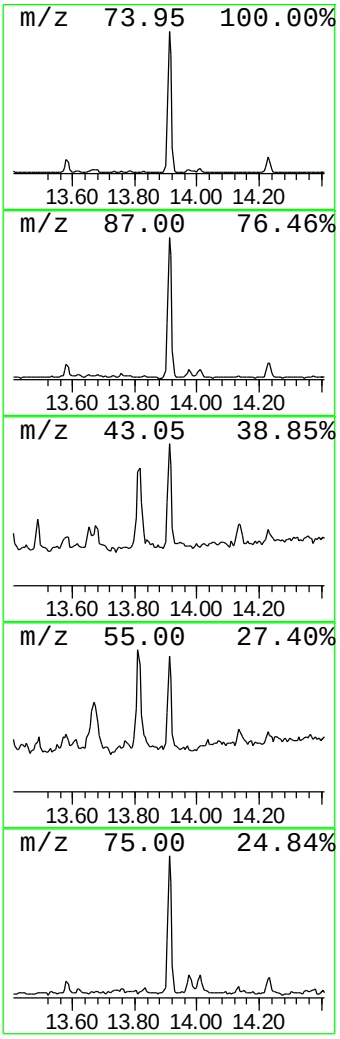
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	7.28 ng	410295	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
5	Methyl stearate	298	C19H38O2	000112-61-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104702.D
Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

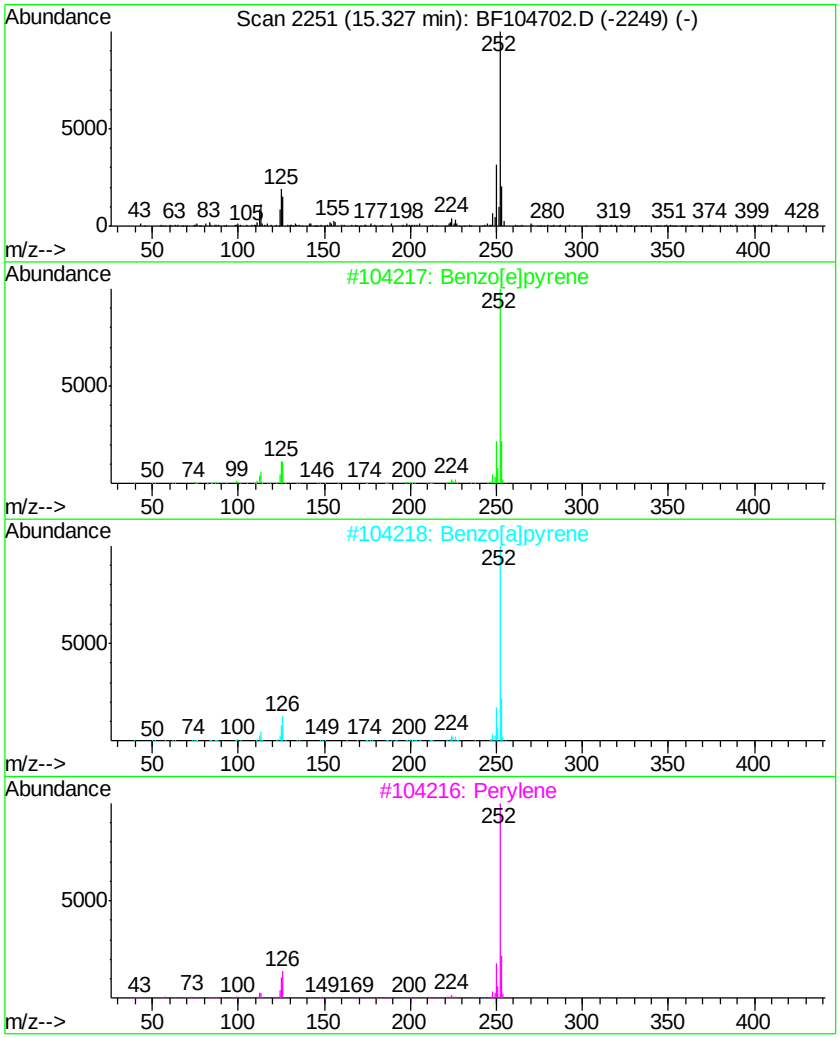
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

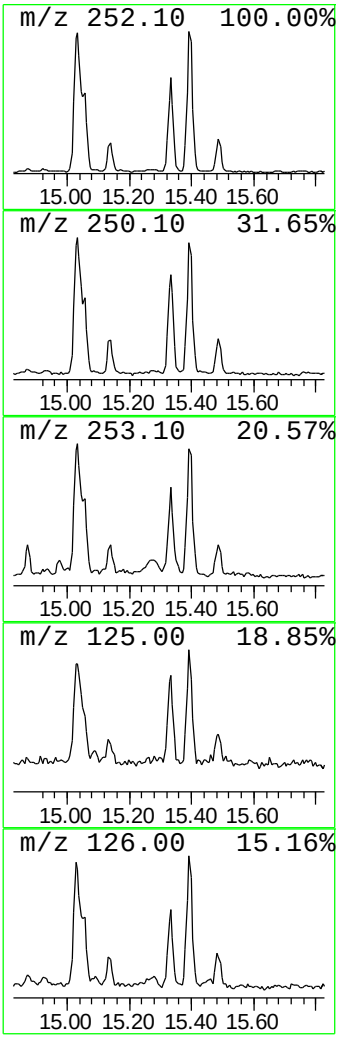
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	8.48 ng	217106	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
Data File : BF104702.D
Acq On : 23 Apr 2018 12:00
Operator : JU/SJ
Sample : J2152-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-042018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.58	6.58	69.6	ng	2273620	1	6.80	652974	20.0
Naphthalene, 2,6-...	9.43	6.4	ng	230617	3	9.85	721509	20.0
Naphthalene, 2,3-...	9.50	5.9	ng	212018	3	9.85	721509	20.0
Hexadecane	10.27	5.5	ng	200161	3	9.85	721509	20.0
Dodecane	10.75	9.3	ng	310961	4	11.33	666833	20.0
Hexadecanoic acid...	11.73	185.3	ng	6178280	4	11.33	666833	20.0
Phenanthrene, 1-m...	11.84	8.6	ng	287065	4	11.33	666833	20.0
4H-Cyclopenta[def...	11.95	14.6	ng	486631	4	11.33	666833	20.0
Anthracene, 2-met...	11.97	6.1	ng	203038	4	11.33	666833	20.0
Naphthalene, 2-ph...	12.13	6.1	ng	204005	4	11.33	666833	20.0
9,12-Octadecadien...	12.44	462.0	ng	15403300	4	11.33	666833	20.0
11H-Benzo[b]fluorene	13.12	13.2	ng	742341	5	13.99	1126880	20.0
cis-11-Eicosenoic...	13.16	8.7	ng	488670	5	13.99	1126880	20.0
Eicosanoic acid, ...	13.25	6.0	ng	339116	5	13.99	1126880	20.0
unknown13.67	13.67	7.0	ng	394486	5	13.99	1126880	20.0
Trifluoroacetoxy ...	13.81	6.4	ng	360123	5	13.99	1126880	20.0
Docosanoic acid, ...	13.91	7.3	ng	410295	5	13.99	1126880	20.0
Benzo[e]pyrene	15.33	8.5	ng	217106	6	15.46	511974	20.0