LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

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-BF091418.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	5.319	503	507	511	rBV	784515	664571	6.24%	1.589%
2	6.348	678	682	689	rVB	750733	682668	6.41%	1.633%
3	6.484	701	705	709	rBV	876832	710770	6.67%	1.700%
4	6.719	742	745	749	rBV	961799	779710	7.32%	1.865%
5	6.878	768	772	775	rBV	689451	557264	5.23%	1.333%
6	7.272	834	839	844	rBV	457056	441263	4.14%	1.055%
7	8.001	959	963	966	rBV	1255853	1009671	9.48%	2.415%
8	8.607	1061	1066	1069	rBV2	148390	133870	1.26%	0.320%
9	9.078	1142	1146	1149	rBV	885635	715244	6.72%	1.711%
10	9.172	1156	1162	1166	rBV2	227169	199054	1.87%	0.476%
11	9.413	1197	1203	1205	rBV2	66079	108183	1.02%	0.259%
12	9.701	1249	1252	1255	rBV	252874	193201	1.81%	0.462%
13	9.748	1255	1260	1264	rVV	1052739	977269	9.18%	2.337%
14	10.195	1334	1336	1339	rVB	266928	199893	1.88%	0.478%
15	10.295	1350	1353	1355	rBV	133077	107318	1.01%	0.257%
16	10.531	1390	1393	1398	rVB2	495538	434414	4.08%	1.039%
17	10.666	1413	1416	1424	rBV	265525	303134	2.85%	0.725%
18	11.113	1489	1492	1496	rBV2	236242	246687	2.32%	0.590%
19	11.230	1508	1512	1514	rBV	1031108	1003390	9.42%	2.400%
20	11.248	1514	1515	1519	rVV	739371	590362	5.54%	1.412%
21	11.301	1519	1524	1527	rVB	236817	202636	1.90%	0.485%
22	11.542	1561	1565	1567	rBV	203754	182650	1.72%	0.437%
23	11.642	1578	1582	1585	rVB	4112810	3514819	33.00%	8.406%
24	11.754	1599	1601	1607	rVB2	116583	168826	1.59%	0.404%
25	11.836	1612	1615	1618	rBV	183205	191984	1.80%	0.459%
26	11.948	1628	1634	1639	rVB	175452	199600	1.87%	0.477%
27	12.330	1693	1699	1701	rVV	7568587	10649401	100.00%	25.468%
28	12.354	1701	1703	1708	rVV2	7505695	6825538	64.09%	16.323%
29	12.430	1712	1716	1719	rVV2	2525143	2387786	22.42%	5.710%
30	12.460	1719	1721	1722	rVV	177474	144662	1.36%	0.346%
31	12.477	1722	1724	1735	rVB4	329615	467008	4.39%	1.117%
32	12.660	1750	1755	1759	rBV	887480	920684	8.65%	2.202%
33	12.807	1777	1780	1787	rVB	771905	759850	7.14%	1.817%
34	12.989	1805	1811	1812	rBV3	164603	234991	2.21%	0.562%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.060	1820	1823	1827	rBV3	205158	290714	2.73%	0.695%
36	13.148	1835	1838	1841	rVB	203952	161834	1.52%	0.387%
37	13.301	1861	1864	1868	rVB5	90072	107043	1.01%	0.256%
38	13.560	1905	1908	1912	rVB2	114170	155823	1.46%	0.373%
39	13.813	1948	1951	1954	rBV2	188944	184939	1.74%	0.442%
40	13.854	1954	1958	1961	rVV2	1249809	1447024	13.59%	3.461%
41	13.877	1961	1962	1965	rVB	337624	195304	1.83%	0.467%
42	14.330	2036	2039	2043	rBV3	81600	139442	1.31%	0.333%
43	14.742	2105	2109	2117	rVB	527011	711148	6.68%	1.701%
44	14.860	2125	2129	2132	rBV	220394	337936	3.17%	0.808%
45	14.960	2143	2146	2149	rVB2	111828	119569	1.12%	0.286%
46	15.142	2174	2177	2181	rVB	126372	139038	1.31%	0.333%
47	15.195	2183	2186	2190	rBV	179038	183286	1.72%	0.438%
48	15.260	2192	2197	2200	rBV	646806	733117	6.88%	1.753%

Sum of corrected areas: 41814588

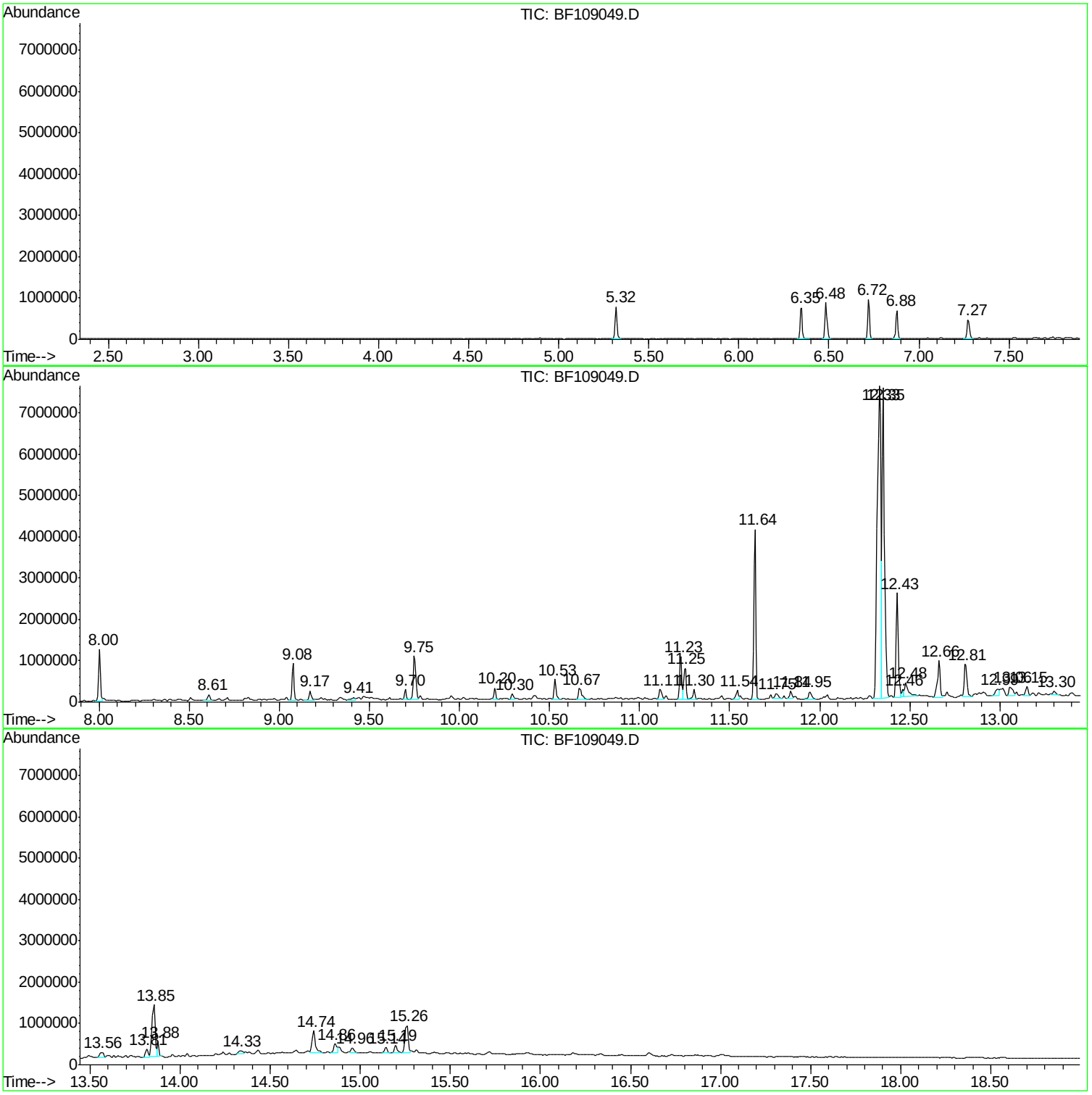
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

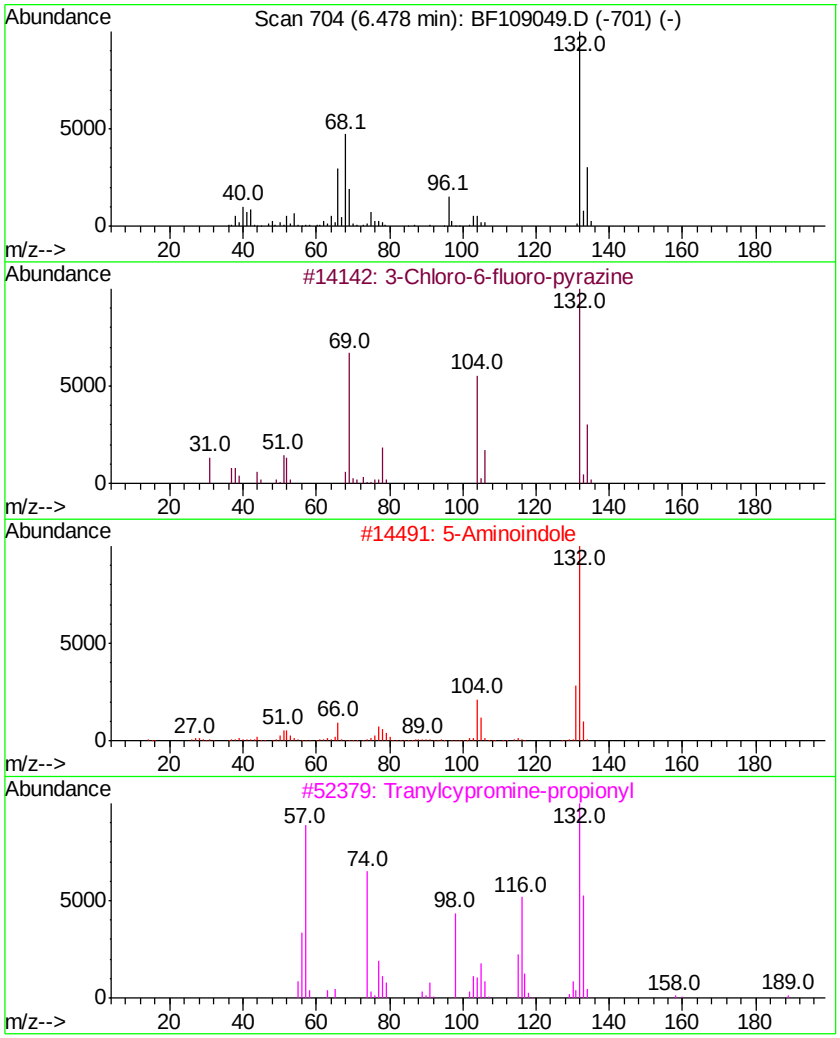
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

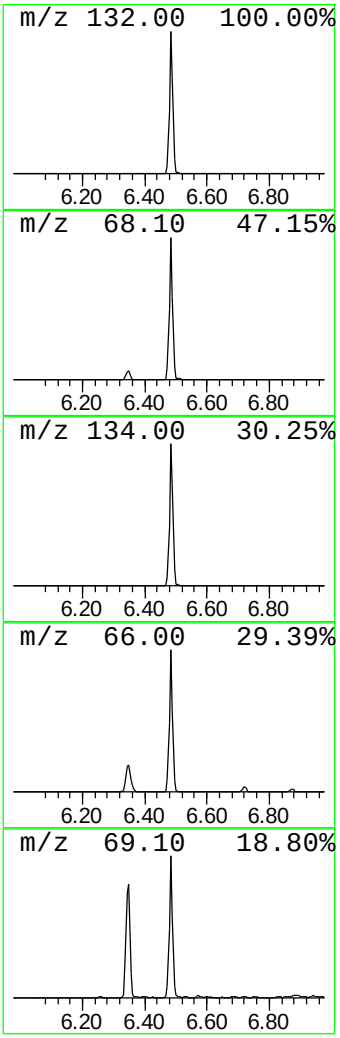
****

Peak Number 1 unknown6.48 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	18.23 ng	710770	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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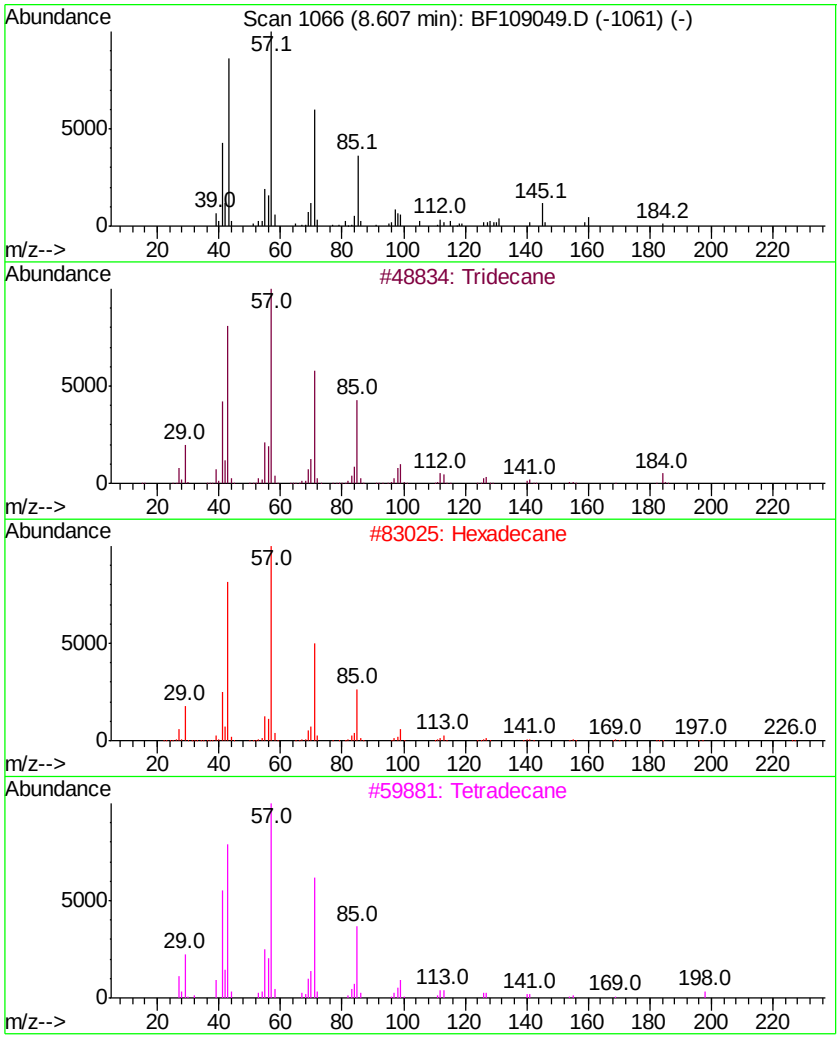
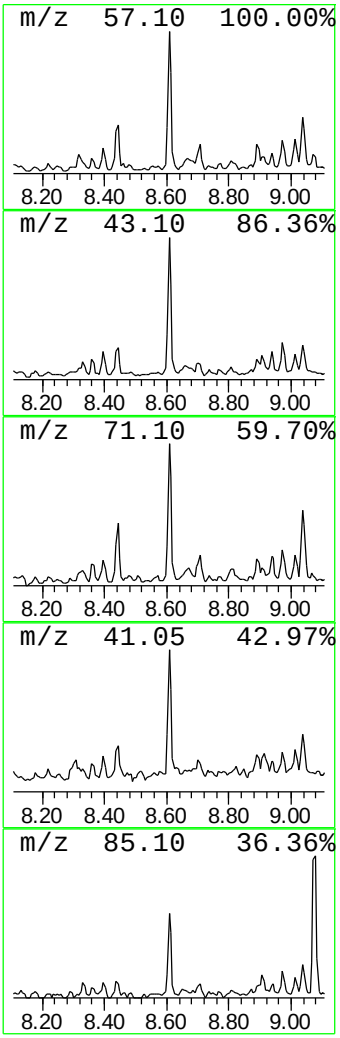
Peak Number 3 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.65 ng	133870	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	60
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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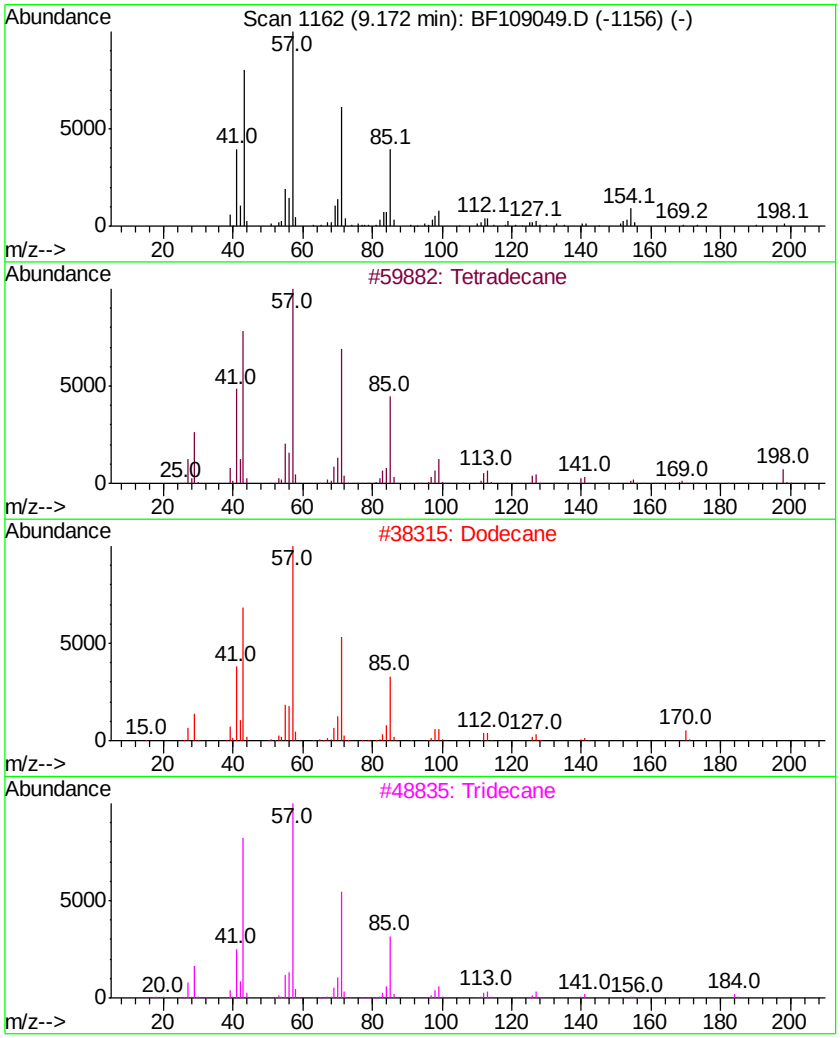
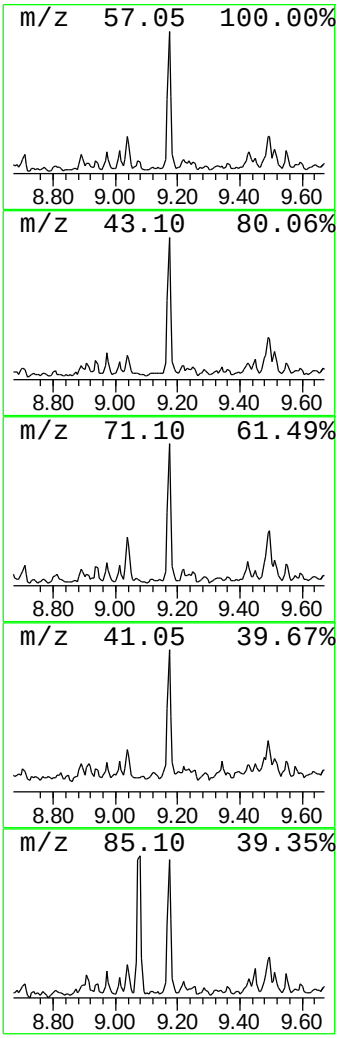
Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.07 ng	199054	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Dodecane	170	C12H26	000112-40-3	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
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Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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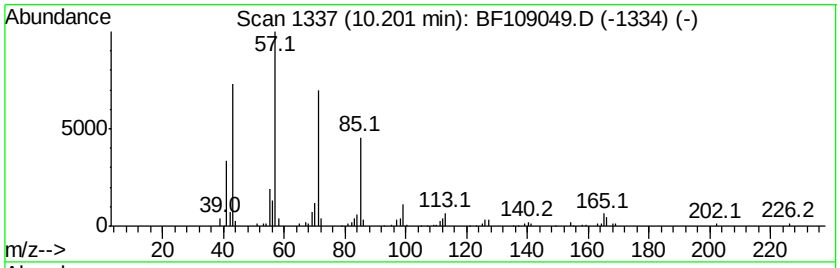
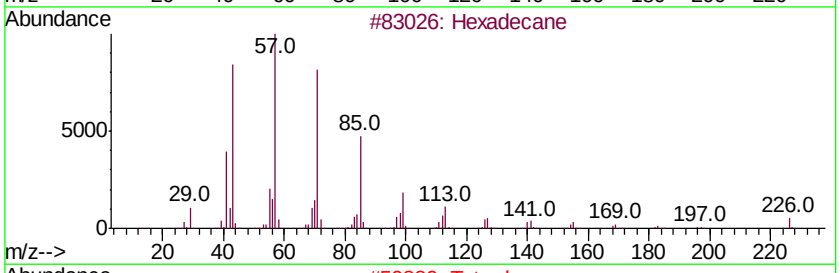
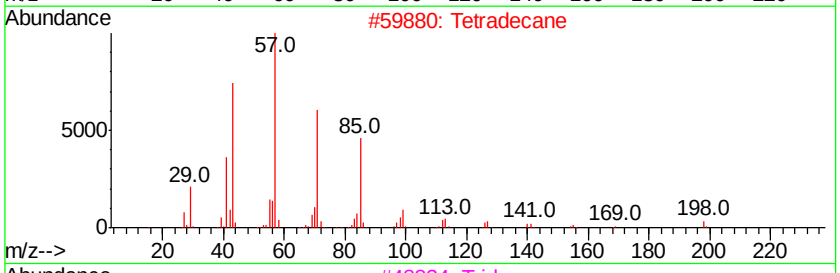
Peak Number 5 Hexadecane Concentration Rank 9

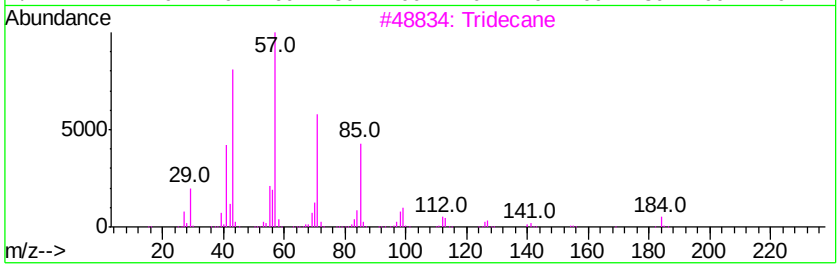
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.09 ng	199893	Acenaphthene-d10	9.75

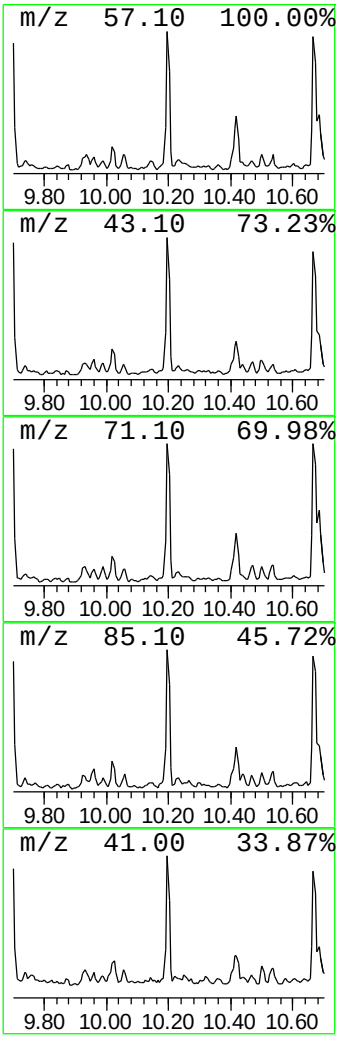
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Heptadecane	240	C17H36	000629-78-7	83











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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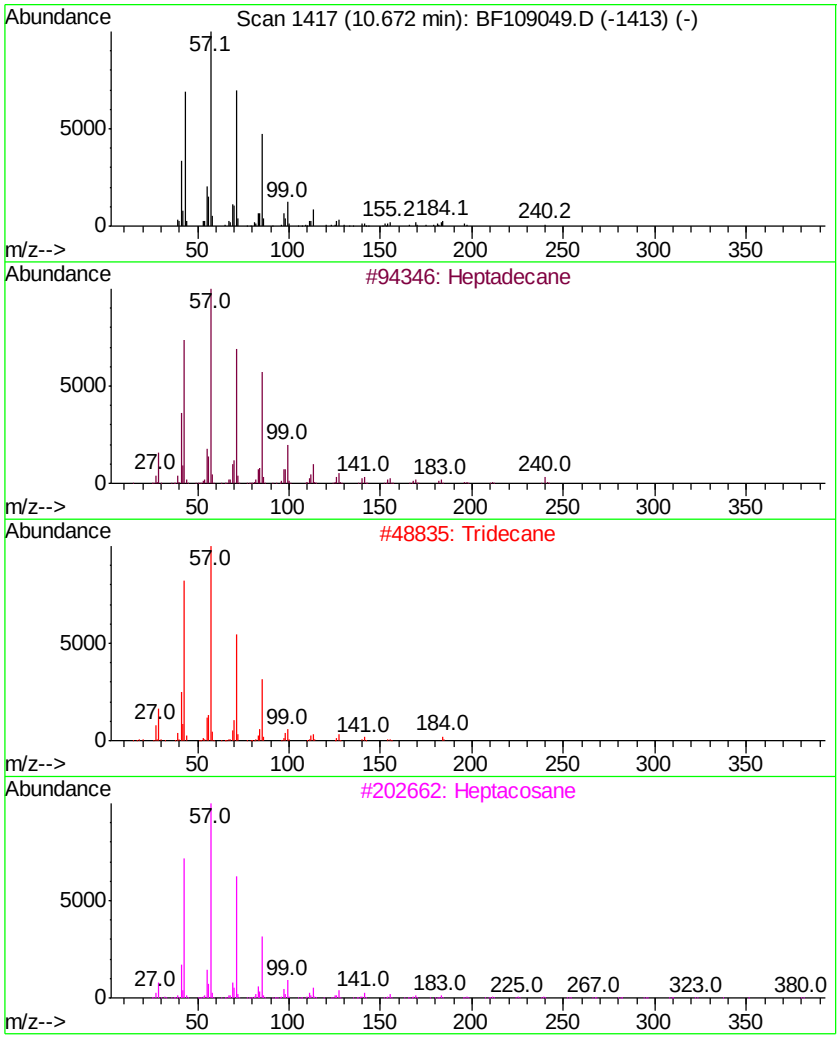
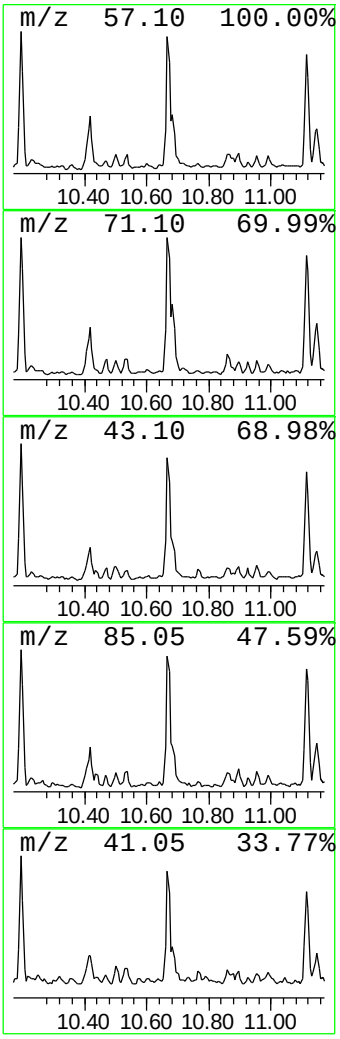
Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.04 ng	303134	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
5	Octacosane	394	C28H58	000630-02-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

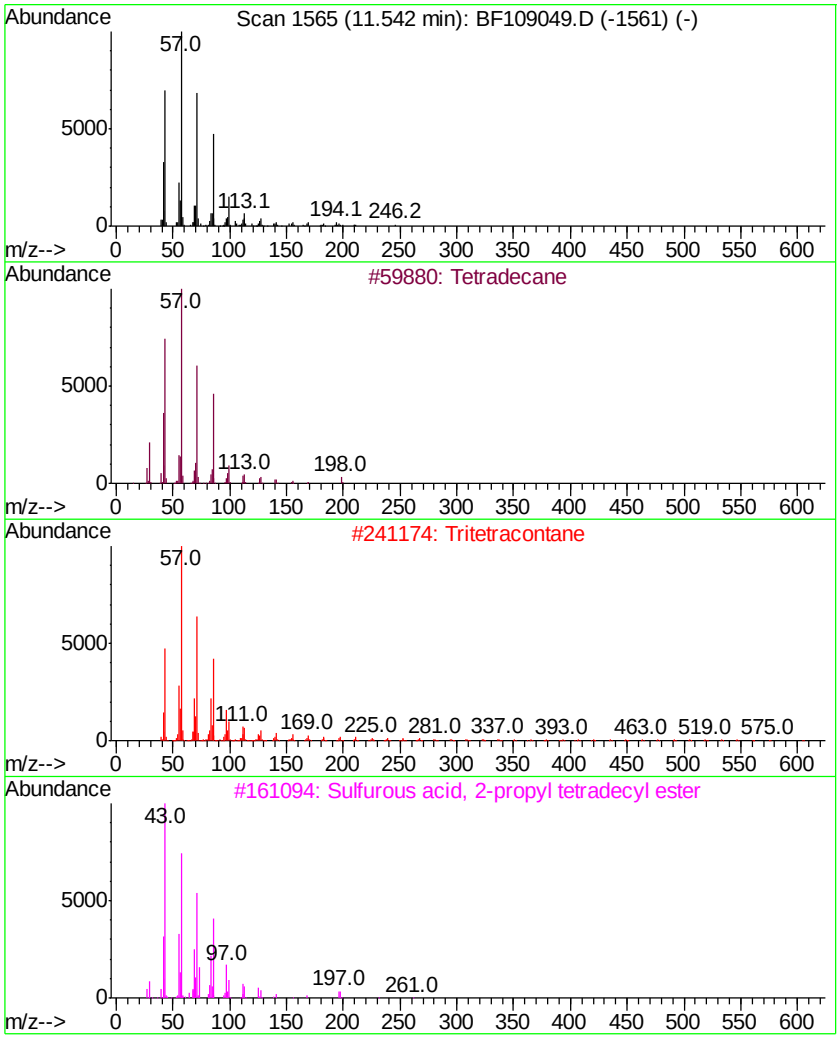
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

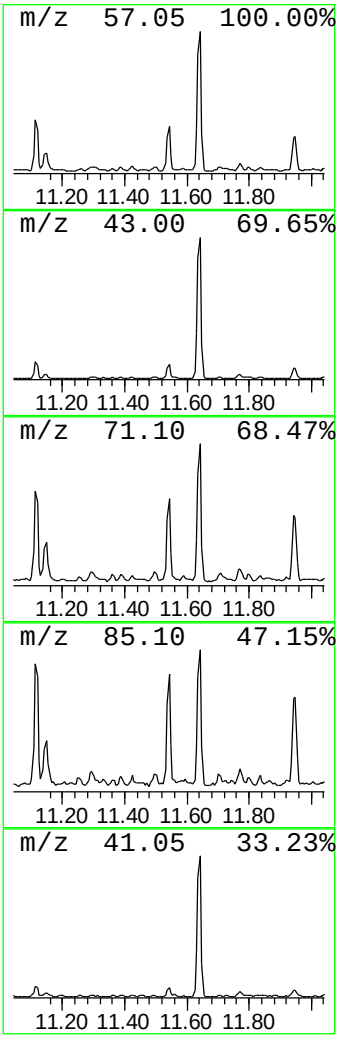
****

Peak Number 8 Tritetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.64 ng	182650	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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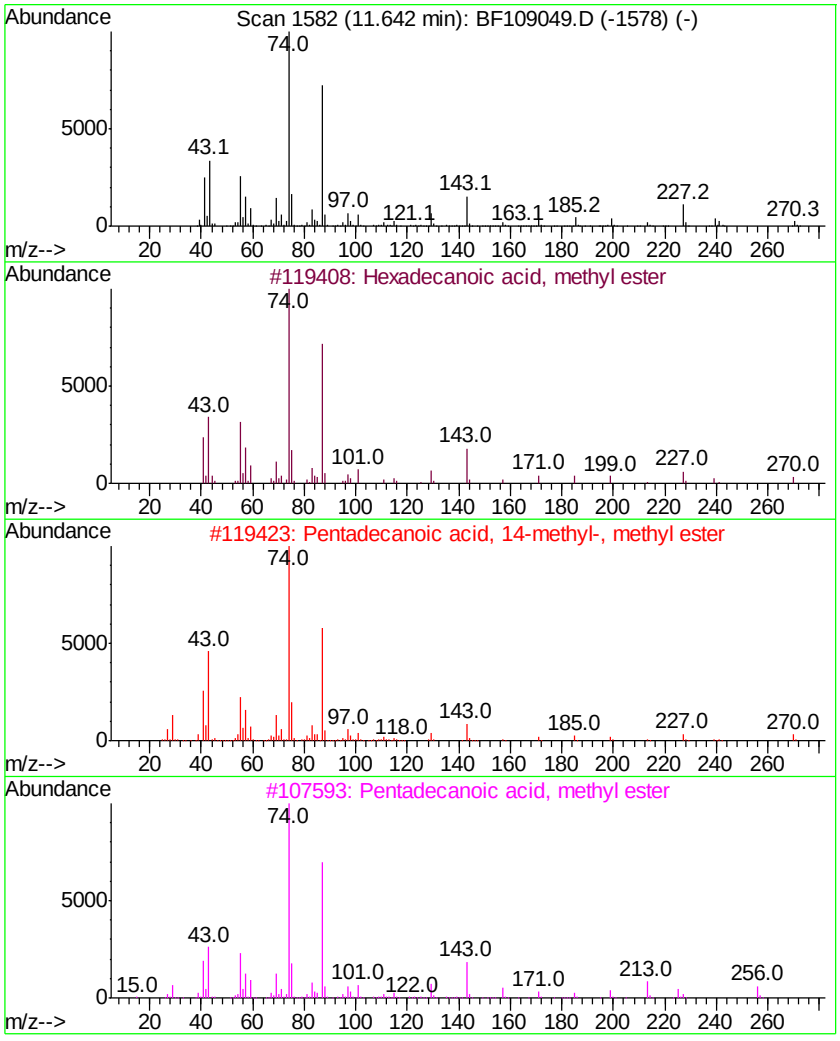
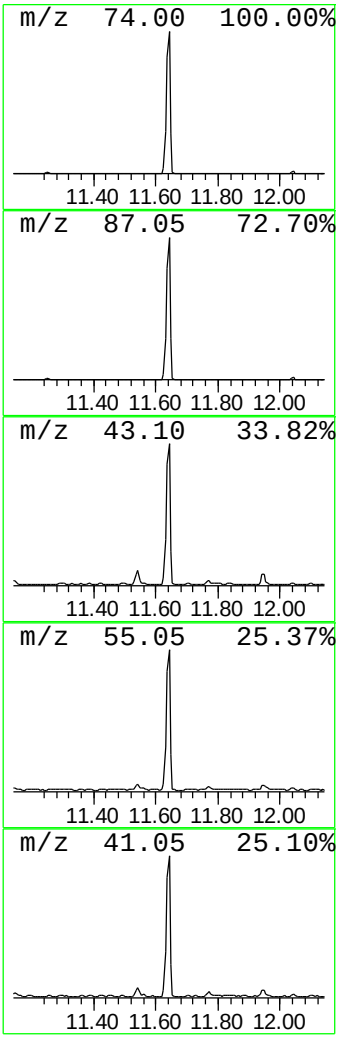
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	70.06 ng	3514820	Phenanthrene-d10	11.23

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	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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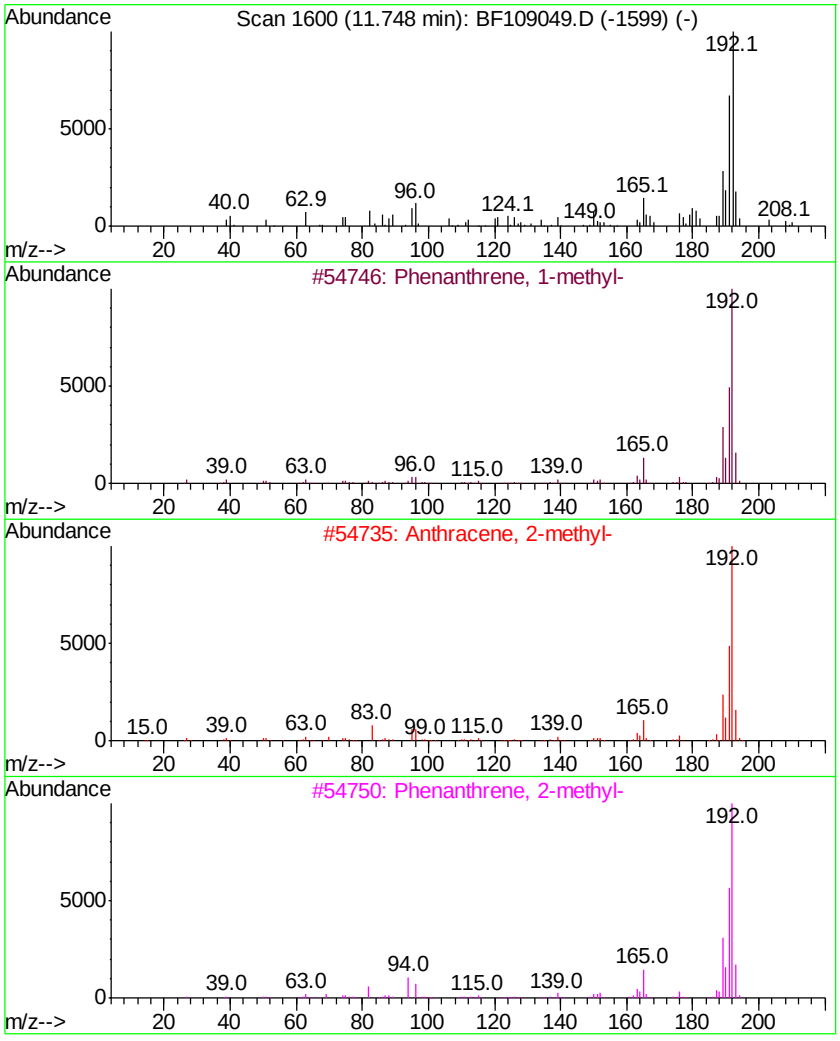
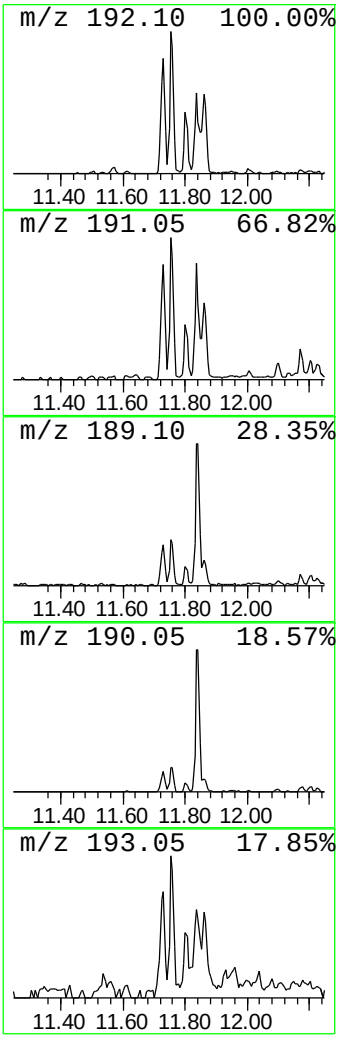
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.37 ng	168826	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109049.D
Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

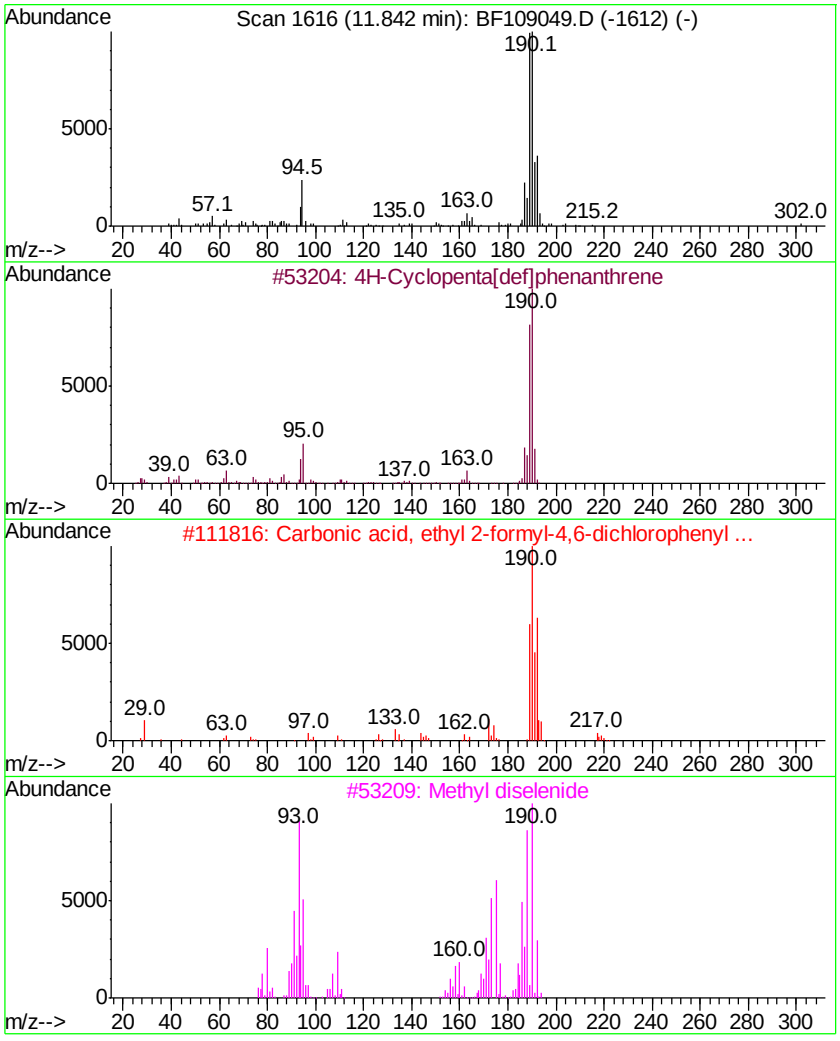
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

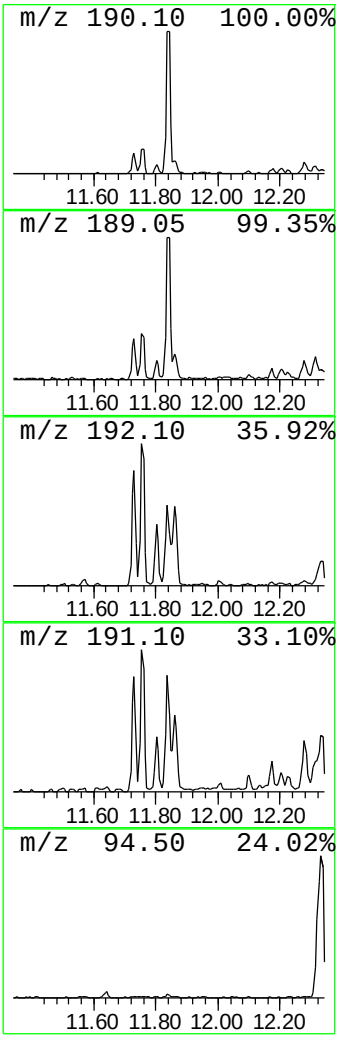
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.83 ng	191984	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





Library Search Compound Report

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Acq On : 17 Sep 2018 15:39
Operator : JU/SJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

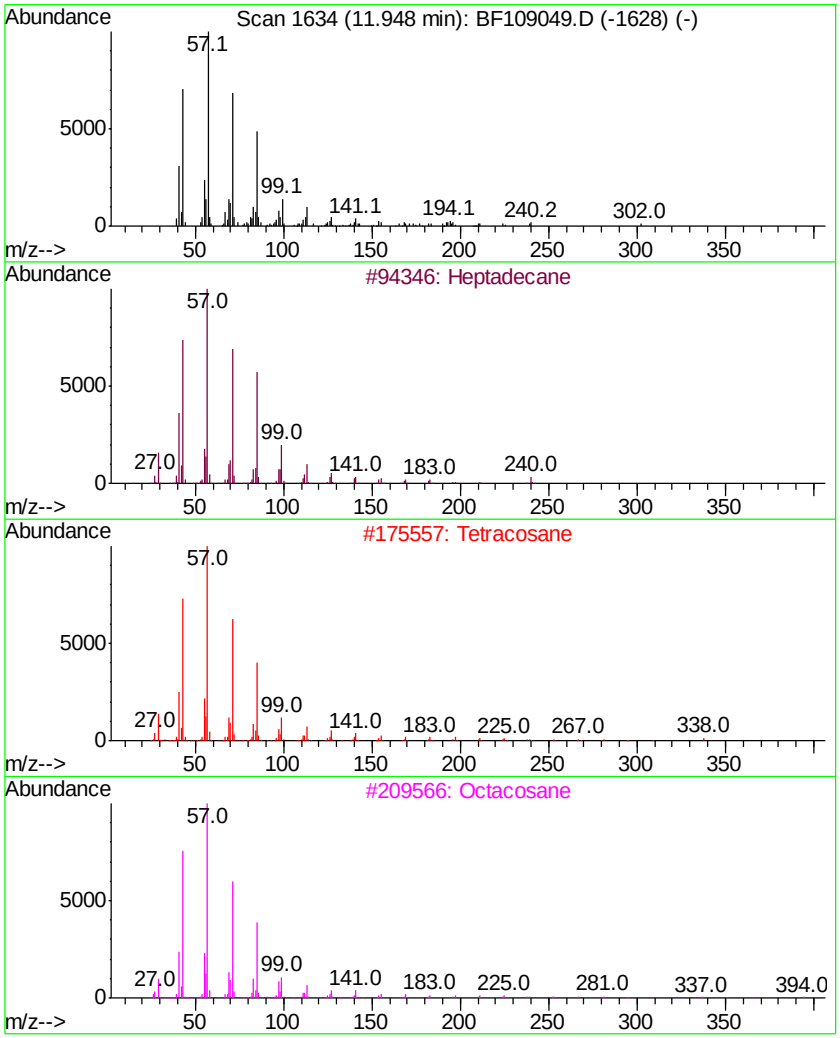
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

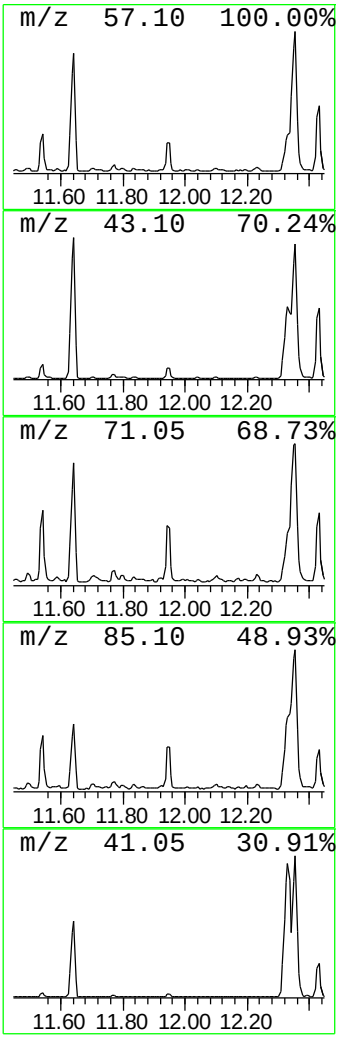
****

Peak Number 12 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.98 ng	199600	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

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Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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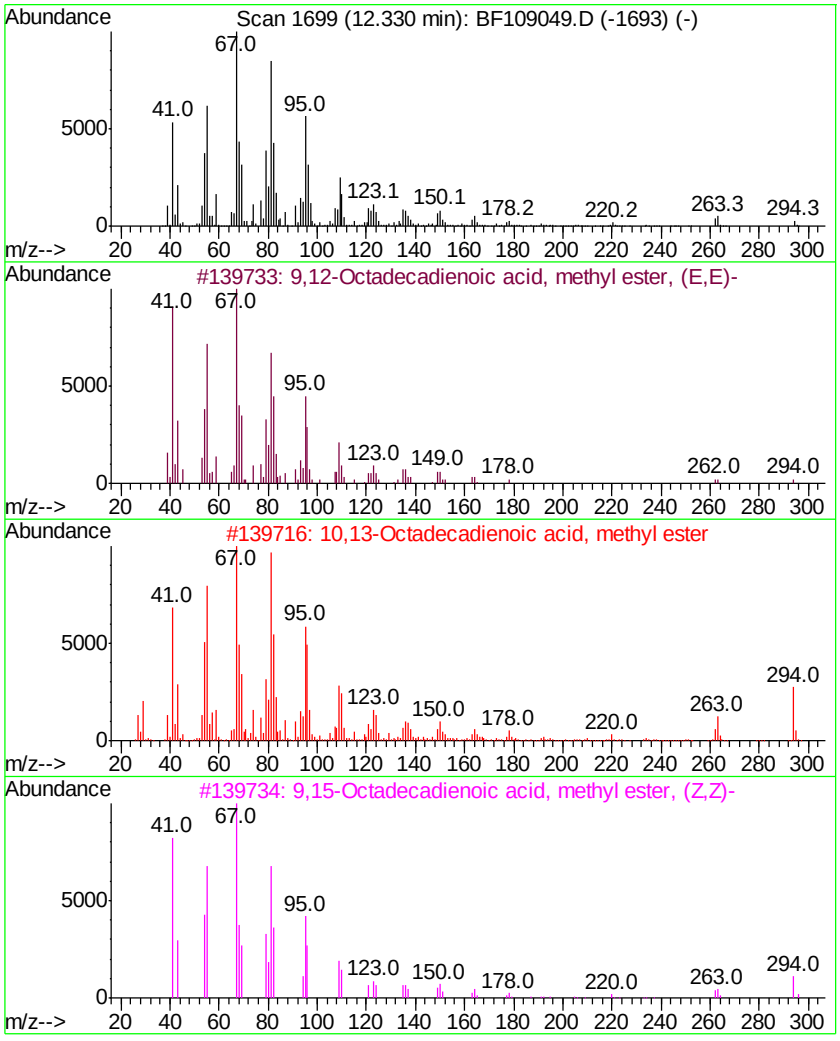
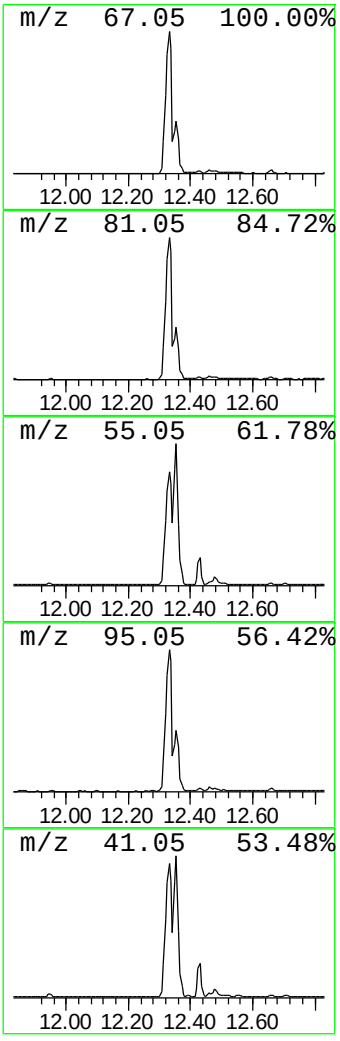
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	212.27 ng	10649400	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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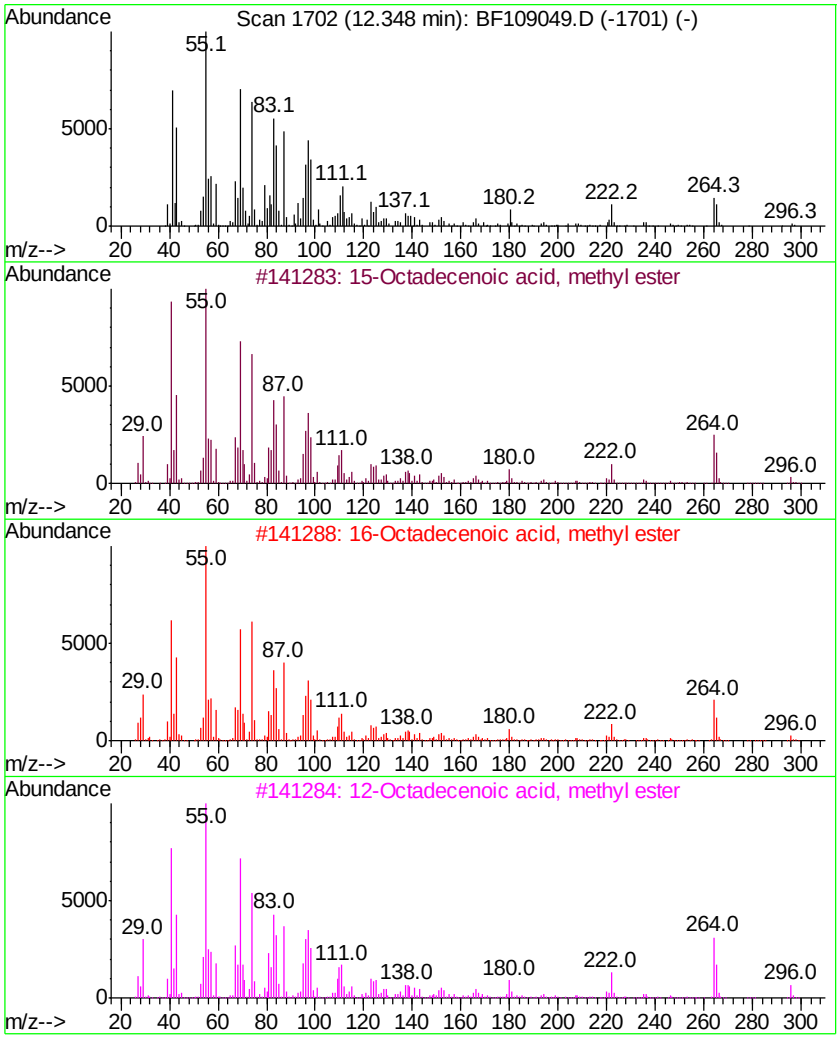
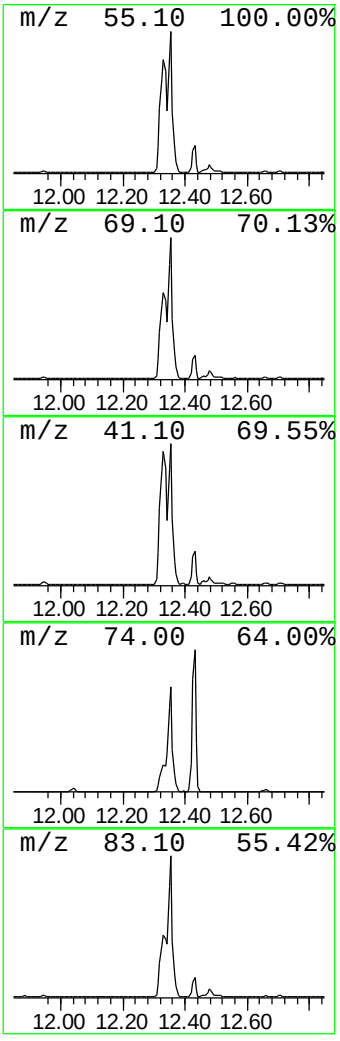
Peak Number 14 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	136.05 ng	6825540	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99





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Operator : JU/SJ
Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

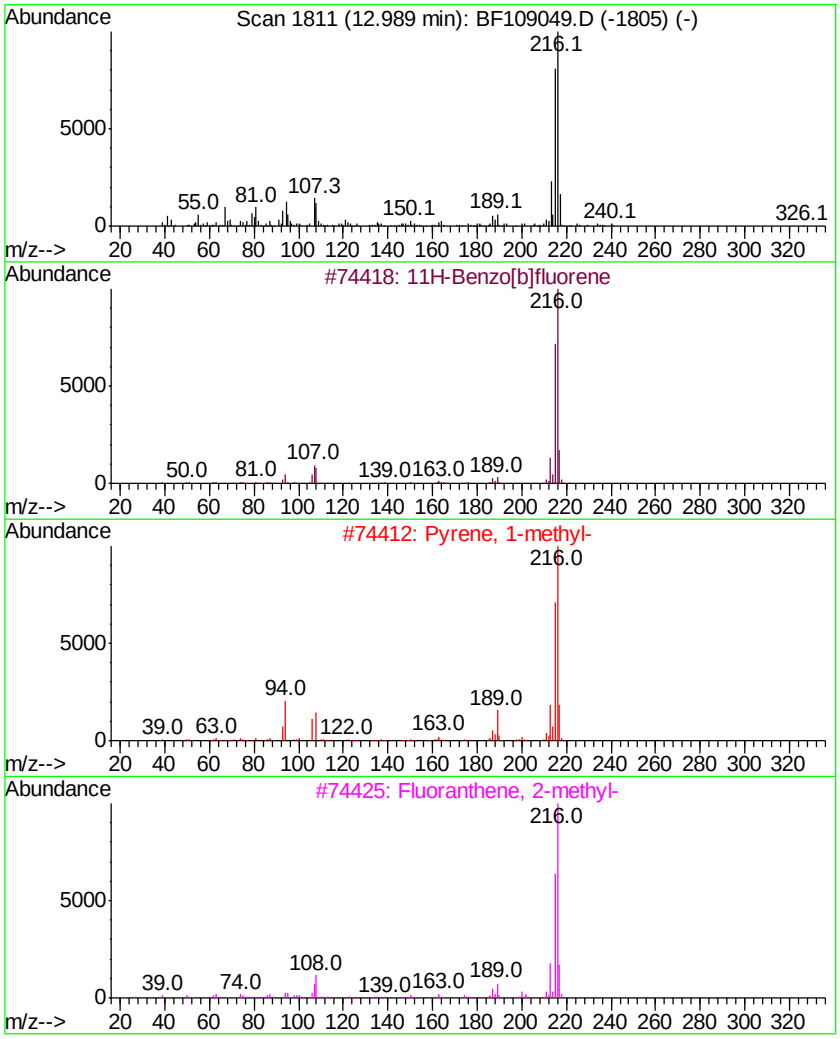
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

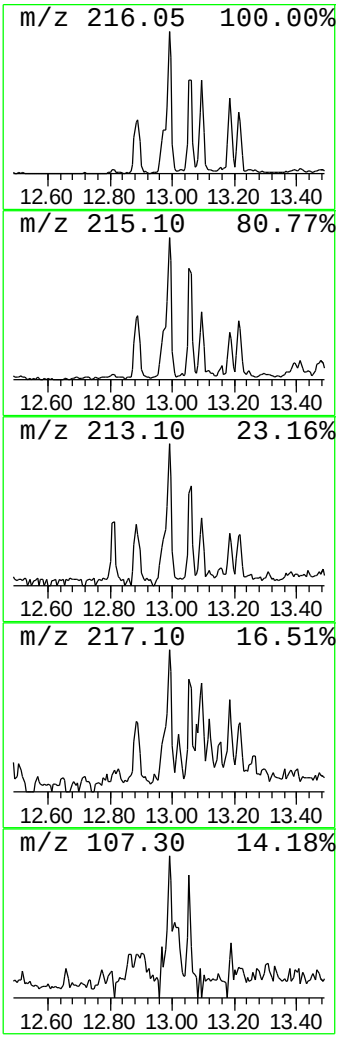
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.25 ng	234991	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Sample : J4775-07 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

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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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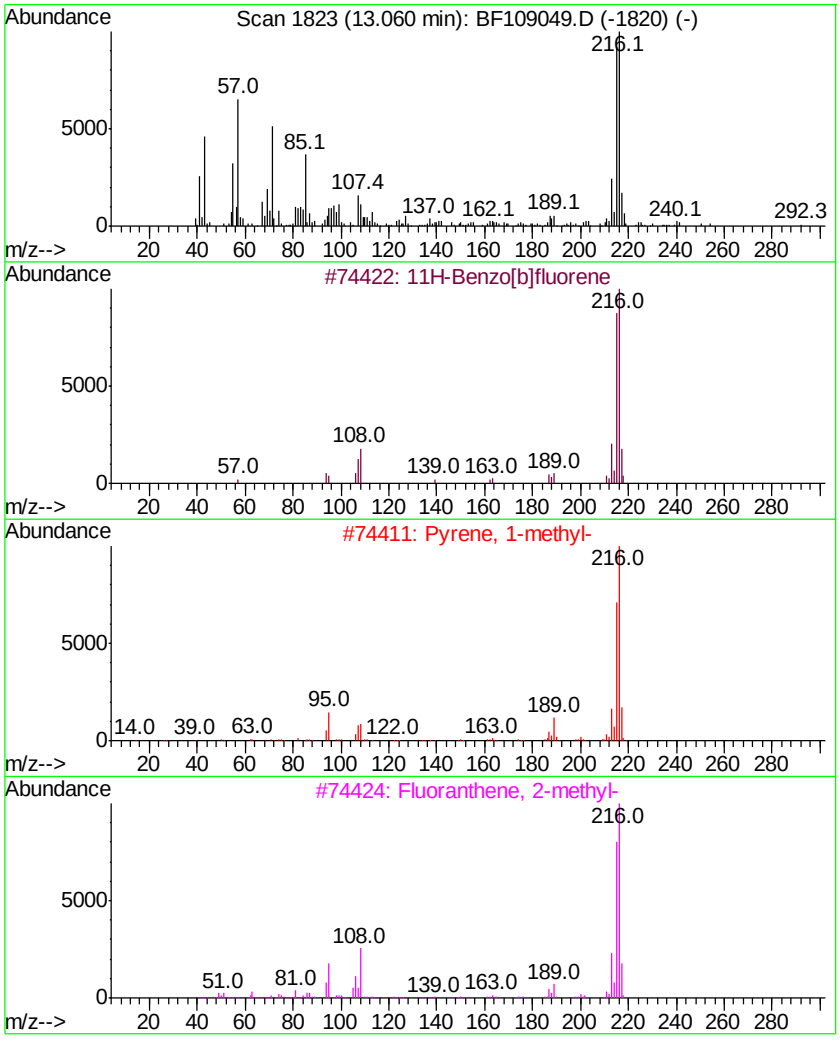
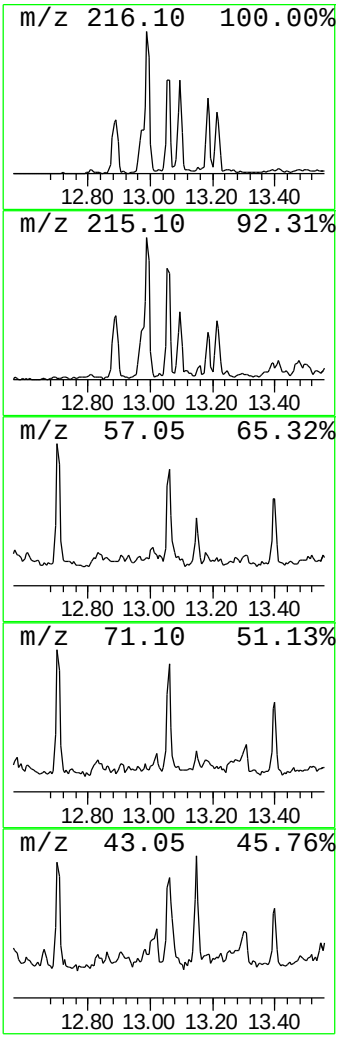
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.02 ng	290714	Chrysene-d12	13.85

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	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-B

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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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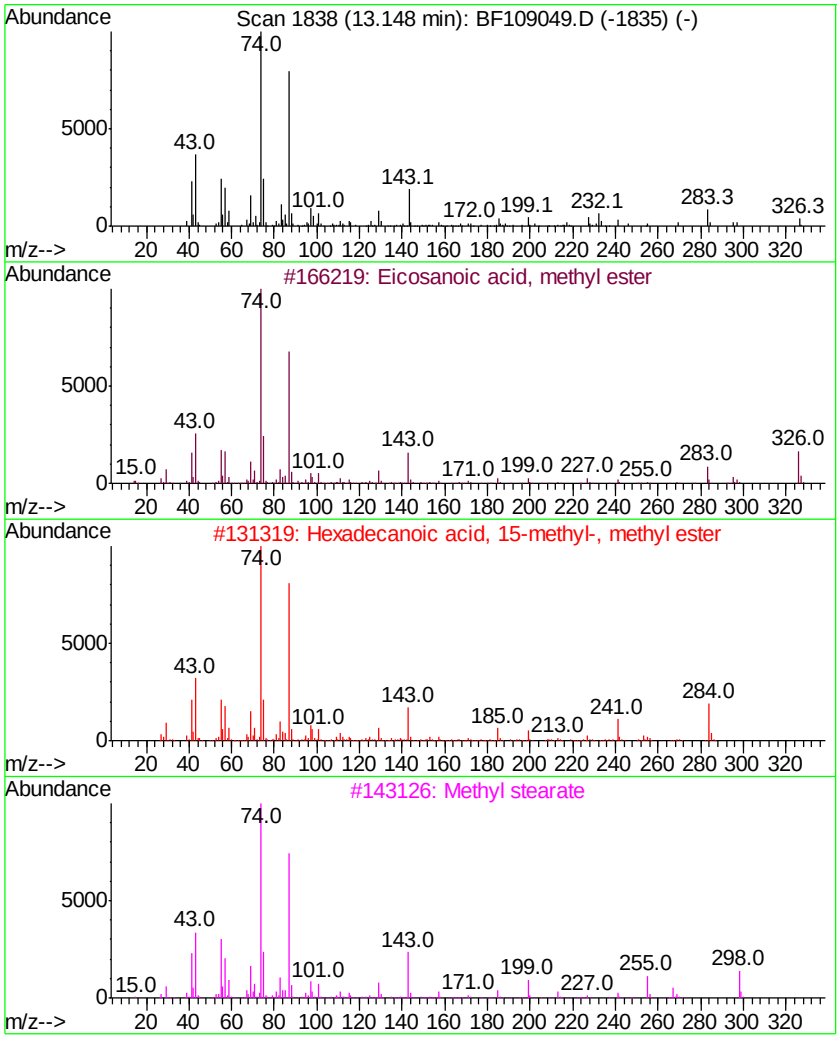
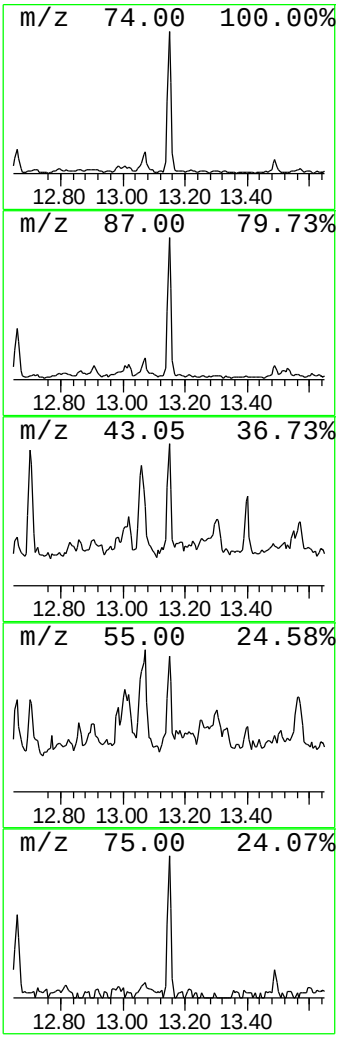
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.24 ng	161834	Chrysene-d12	13.85

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	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	87





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Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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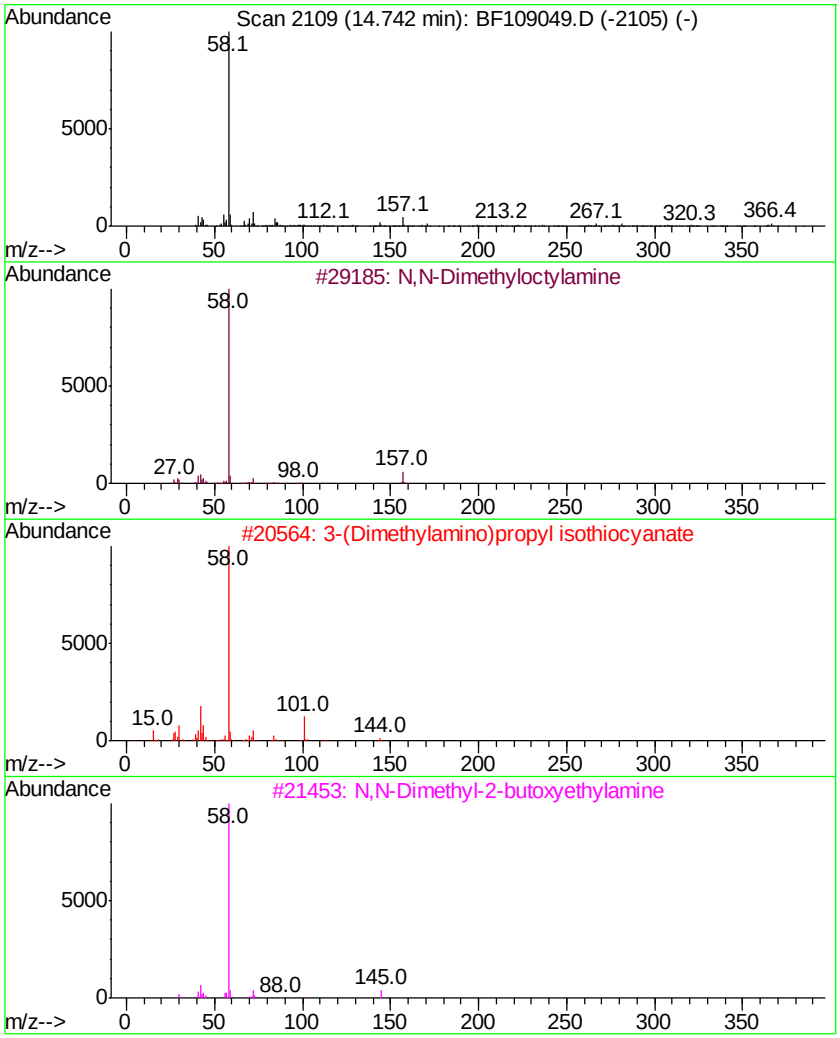
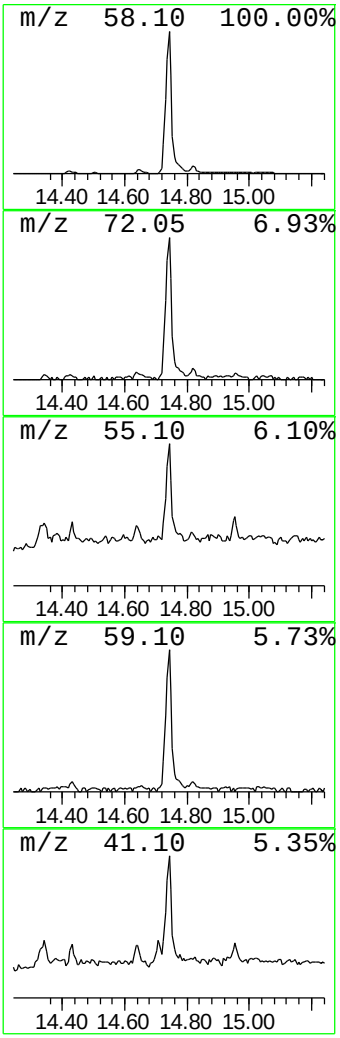
Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	19.40 ng	711148	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	72
4	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
5	4-[5-Dimethylamino-2-hydroxy-2-p...	334	C22H26N2O	025791-69-9	64





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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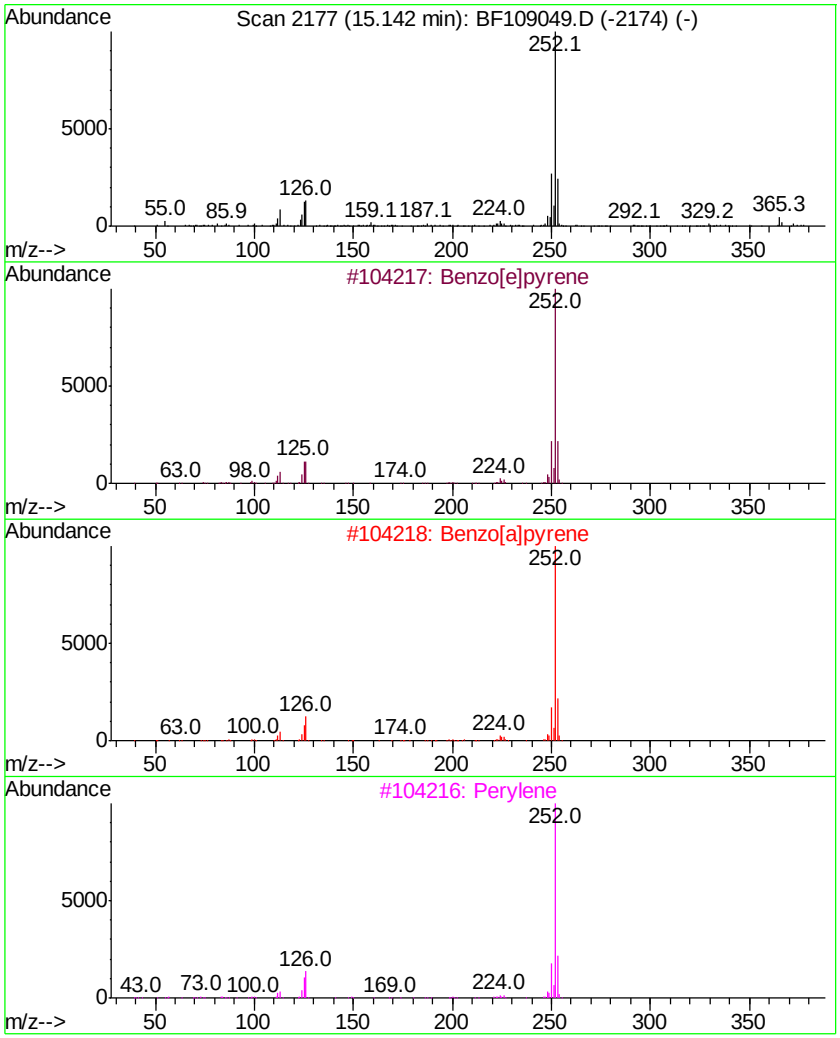
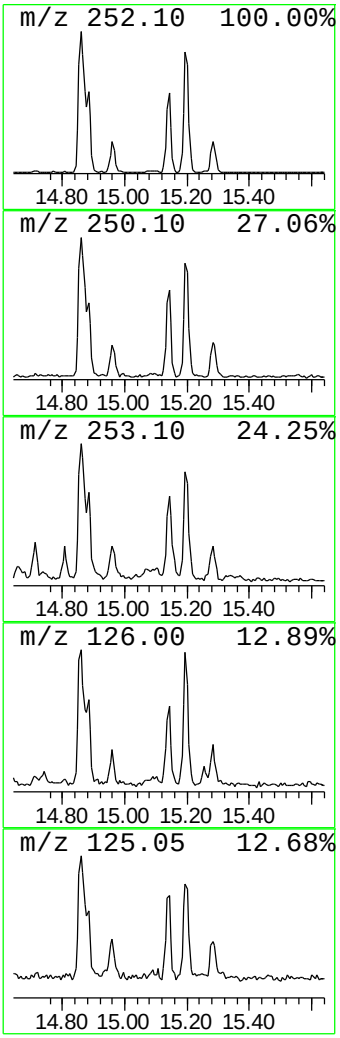
Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.79 ng	139038	Perylene-d12	15.26

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	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74





Tentatively Identified Compound (LSC) summary

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Data File : BF109049.D
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Operator : JU/SJ
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Misc :
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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
unknown6.48	6.48	18.2	ng	710770	1	6.72	779710	20.0
Tridecane	8.61	2.6	ng	133870	2	8.00	1009670	20.0
Tetradecane	9.17	4.1	ng	199054	3	9.75	977269	20.0
Hexadecane	10.20	4.1	ng	199893	3	9.75	977269	20.0
Heptadecane	10.67	6.0	ng	303134	4	11.23	1003390	20.0
Tritetracontane	11.54	3.6	ng	182650	4	11.23	1003390	20.0
Hexadecanoic acid...	11.64	70.1	ng	3514820	4	11.23	1003390	20.0
Phenanthrene, 1-m...	11.75	3.4	ng	168826	4	11.23	1003390	20.0
4H-Cyclopenta[def...	11.84	3.8	ng	191984	4	11.23	1003390	20.0
Pentadecane	11.95	4.0	ng	199600	4	11.23	1003390	20.0
9,12-Octadecadien...	12.33	212.3	ng	10649400	4	11.23	1003390	20.0
15-Octadecenoic a...	12.35	136.1	ng	6825540	4	11.23	1003390	20.0
Pyrene, 1-methyl-	12.99	3.3	ng	234991	5	13.85	1447020	20.0
11H-Benzo[b]fluorene	13.06	4.0	ng	290714	5	13.85	1447020	20.0
Eicosanoic acid, ...	13.15	2.2	ng	161834	5	13.85	1447020	20.0
N,N-Dimethyloctyl...	14.74	19.4	ng	711148	6	15.26	733117	20.0
Benzo[e]pyrene	15.14	3.8	ng	139038	6	15.26	733117	20.0