LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-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-BF073018.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	5.643	553	562	573	rBV5	29561	152536	1.24%	0.311%
2	6.631	723	730	740	rBV2	54653	221993	1.81%	0.453%
3	6.737	744	748	770	rVB	145931	436606	3.55%	0.891%
4	6.954	781	785	805	rBV	333571	683331	5.56%	1.394%
5	7.107	808	811	823	rVB	218023	322252	2.62%	0.658%
6	7.525	878	882	887	rBV3	68732	126868	1.03%	0.259%
7	8.195	993	996	1000	rBV2	144297	165945	1.35%	0.339%
8	8.236	1000	1003	1007	rVV	606031	708619	5.76%	1.446%
9	8.272	1007	1009	1012	rVB	134898	126246	1.03%	0.258%
10	8.801	1096	1099	1104	rBV	293639	275356	2.24%	0.562%
11	9.048	1138	1141	1145	rBV3	112421	134763	1.10%	0.275%
12	9.166	1158	1161	1164	rBV3	129747	124580	1.01%	0.254%
13	9.307	1182	1185	1193	rBV	336232	460725	3.75%	0.940%
14	9.366	1193	1195	1200	rVB	403765	397314	3.23%	0.811%
15	9.689	1246	1250	1251	rBV	162254	165750	1.35%	0.338%
16	9.901	1282	1286	1290	rVB	483586	426149	3.47%	0.870%
17	9.995	1298	1302	1306	rBV	728742	752857	6.12%	1.536%
18	10.401	1367	1371	1373	rBV	517977	458556	3.73%	0.936%
19	10.619	1403	1408	1410	rBV	235306	270845	2.20%	0.553%
20	10.795	1434	1438	1444	rBV3	147148	269379	2.19%	0.550%
21	10.872	1448	1451	1456	rBV	540354	614860	5.00%	1.255%
22	11.325	1524	1528	1530	rBV	420317	388860	3.16%	0.793%
23	11.348	1530	1532	1539	rVB	183494	200628	1.63%	0.409%
24	11.489	1553	1556	1567	rBV2	607271	1013588	8.24%	2.068%
25	11.748	1597	1600	1603	rBV	401145	322369	2.62%	0.658%
26	11.860	1614	1619	1626	rBV	4777581	4866734	39.58%	9.930%
27	12.001	1639	1643	1649	rBV2	285344	388270	3.16%	0.792%
28	12.154	1667	1669	1672	rBV	287564	269268	2.19%	0.549%
29	12.566	1731	1739	1740	rBV	6625664	12296227	100.00%	25.089%
30	12.583	1740	1742	1750	rVV2	6649047	8487739	69.03%	17.318%
31	12.654	1750	1754	1758	rVV	3121772	3005653	24.44%	6.133%
32	12.713	1758	1764	1774	rVV3	1408495	2828515	23.00%	5.771%
33	12.789	1774	1777	1787	rVV4	146414	338187	2.75%	0.690%
34	12.919	1797	1799	1801	rVV2	260155	267962	2.18%	0.547%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.942	1801	1803	1811	rVB	563657	663376	5.39%	1.354%
36	13.077	1822	1826	1831	rVB	349943	430532	3.50%	0.878%
37	13.254	1851	1856	1857	rBV5	99149	160621	1.31%	0.328%
38	13.277	1857	1860	1862	rBV	175796	176588	1.44%	0.360%
39	13.371	1873	1876	1884	rBV2	421863	489832	3.98%	0.999%
40	13.813	1947	1951	1956	rVB4	157124	228213	1.86%	0.466%
41	13.948	1971	1974	1980	rVB2	125843	160408	1.30%	0.327%
42	14.042	1987	1990	1994	rBV	398456	363713	2.96%	0.742%
43	14.148	2002	2008	2011	rBV2	928287	1486571	12.09%	3.033%
44	14.254	2023	2026	2032	rBV2	110721	179304	1.46%	0.366%
45	14.571	2077	2080	2085	rBV3	146701	171528	1.39%	0.350%
46	14.665	2094	2096	2101	rVB4	142377	161375	1.31%	0.329%
47	15.024	2154	2157	2165	rVB	293652	423860	3.45%	0.865%
48	15.224	2187	2191	2206	rVB2	270238	800034	6.51%	1.632%
49	15.612	2254	2257	2264	rBV2	170966	391854	3.19%	0.800%
50	15.677	2265	2268	2281	rVB	389270	753408	6.13%	1.537%

Sum of corrected areas: 49010747

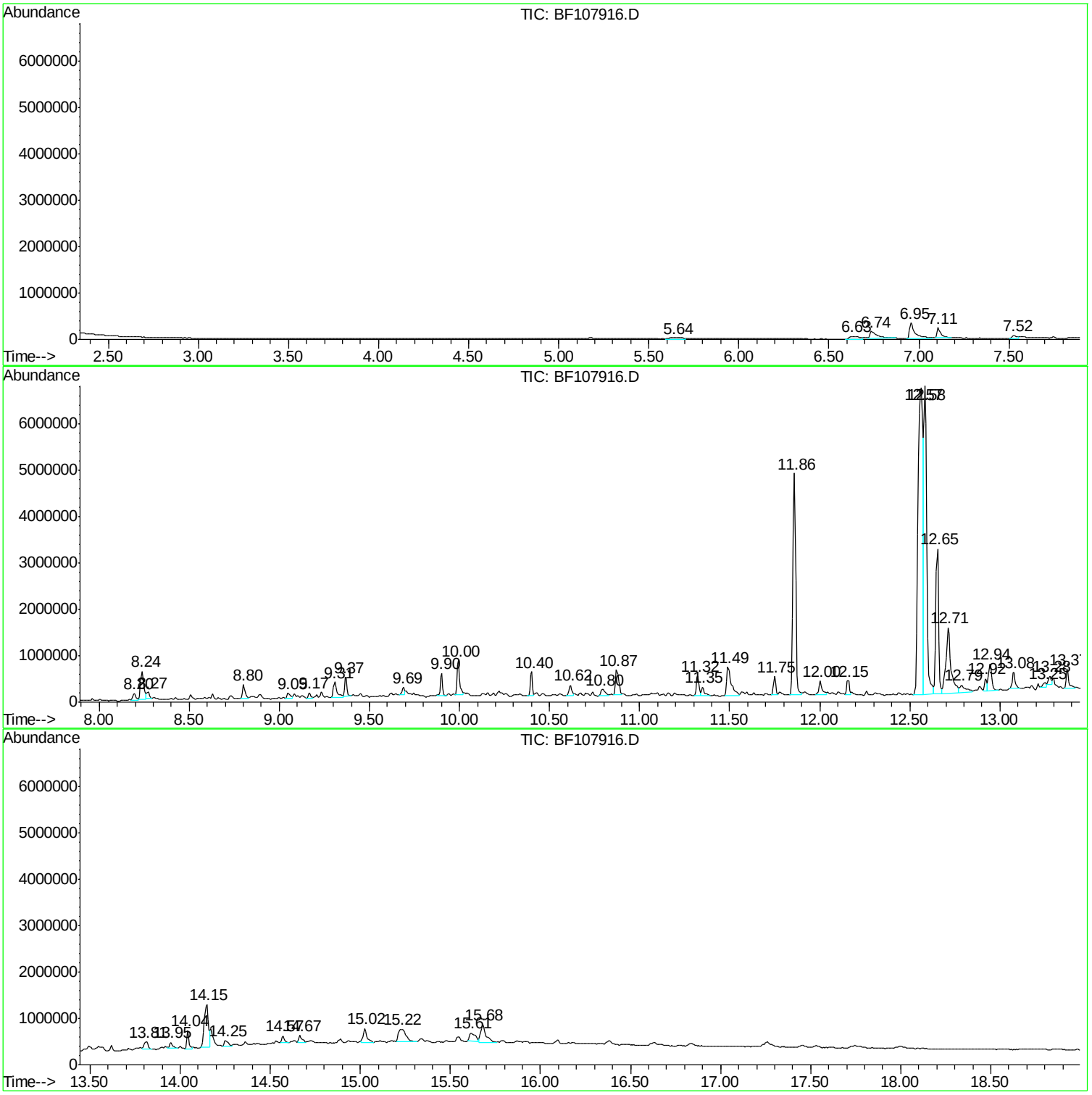
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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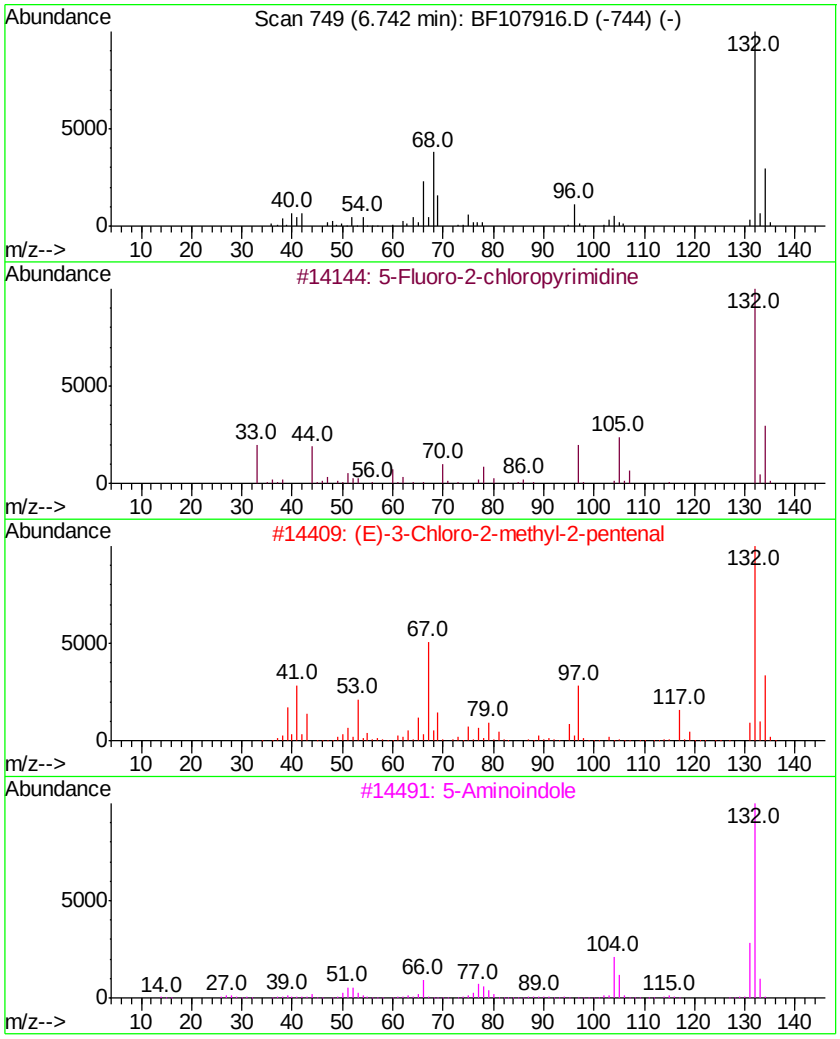
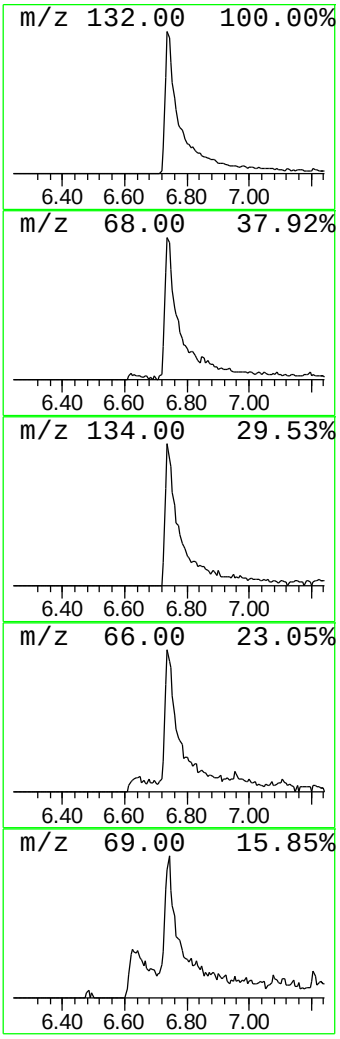
Peak Number 1 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	12.78 ng	436606	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

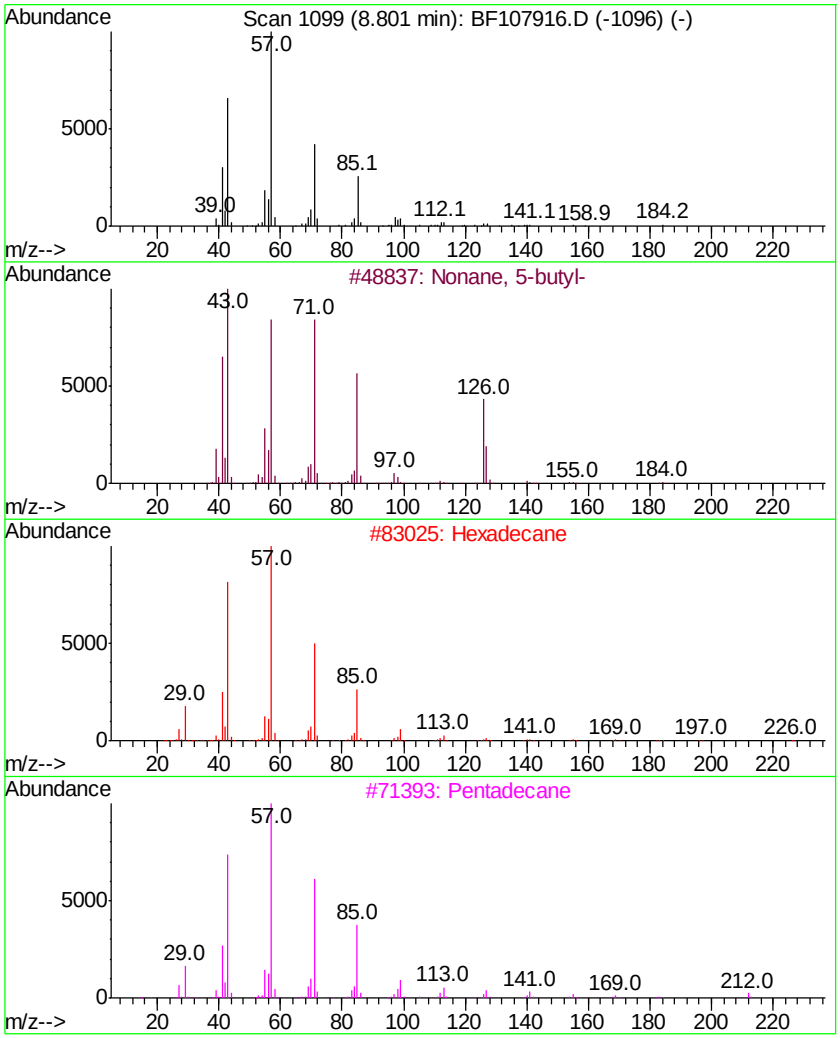
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

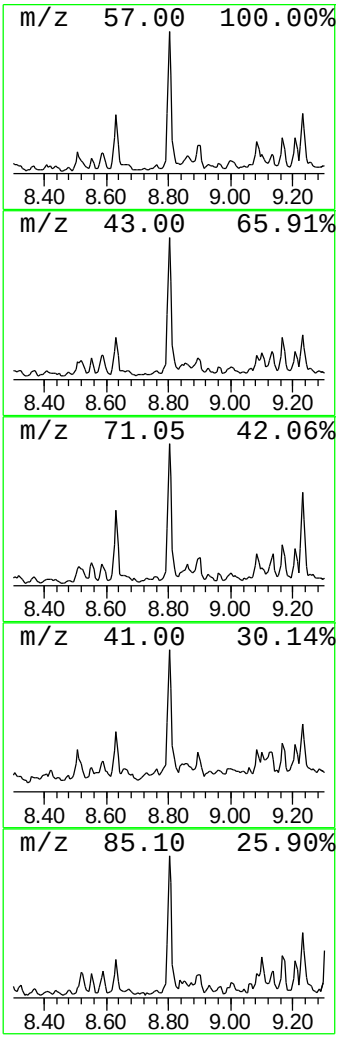
****

Peak Number 3 Nonane, 5-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	7.77 ng	275356	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	78
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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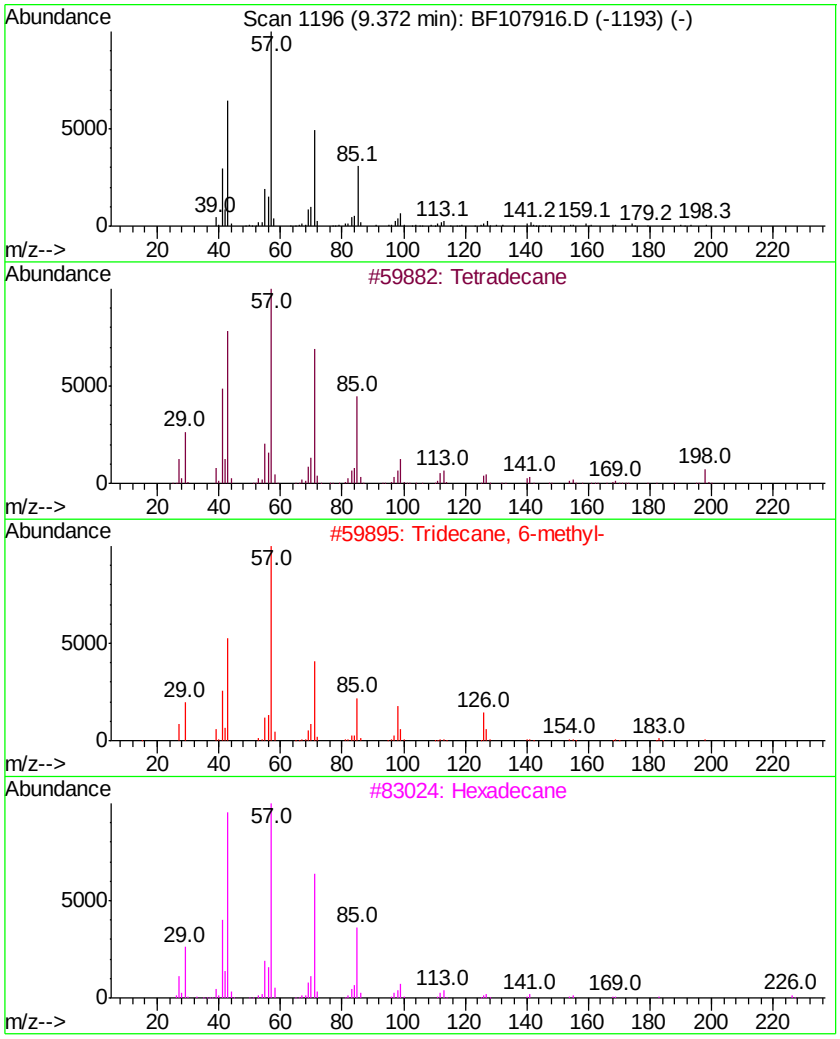
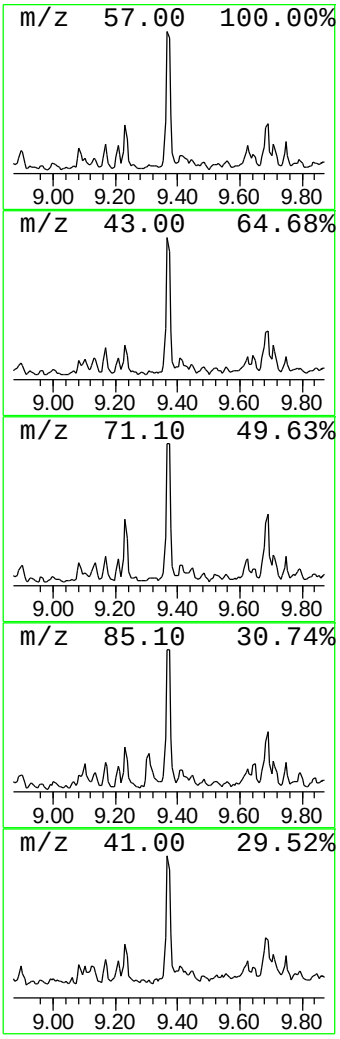
Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	10.55 ng	397314	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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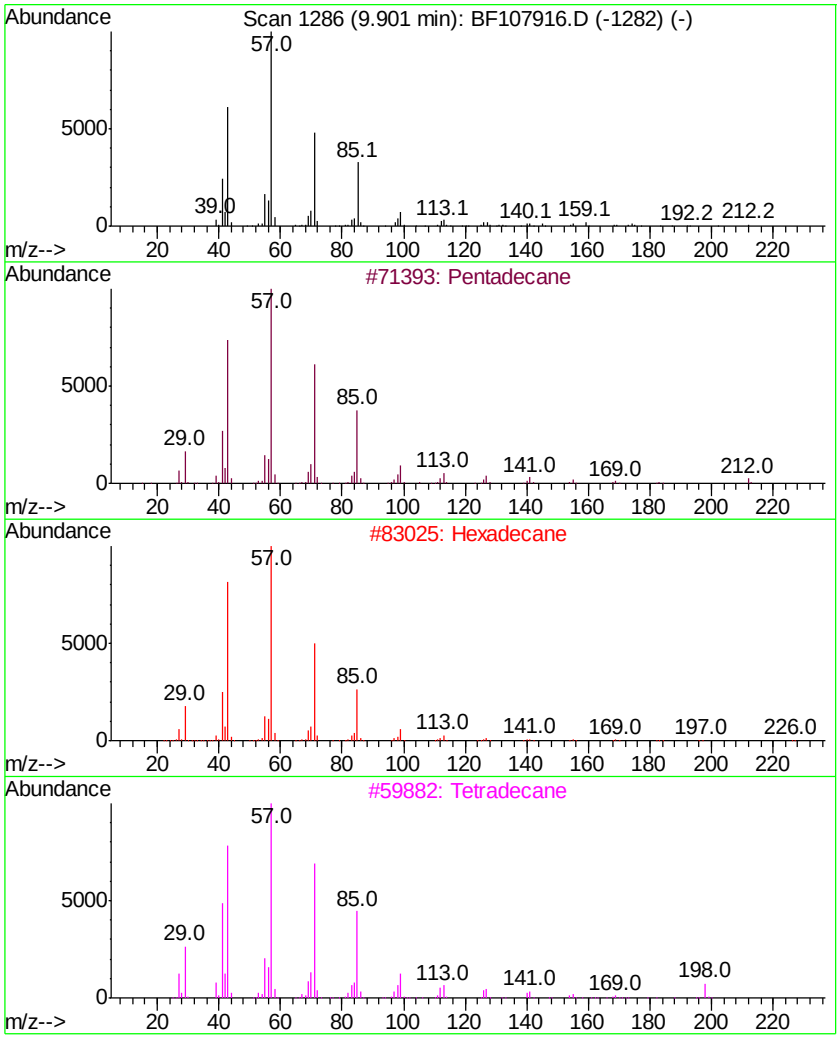
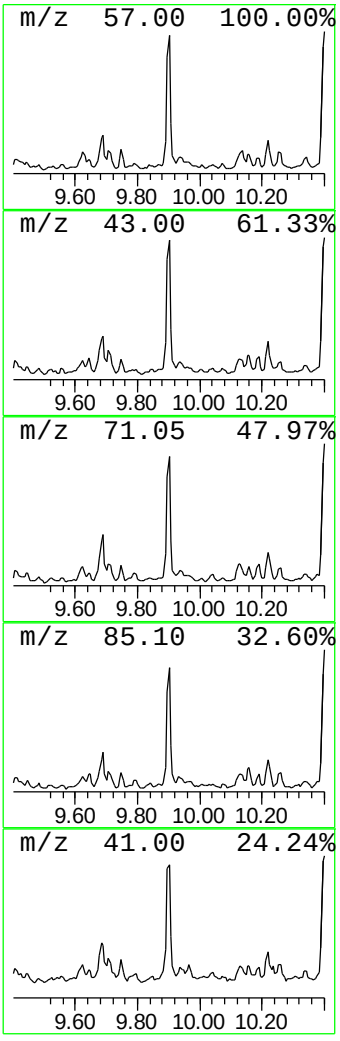
Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	11.32 ng	426149	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

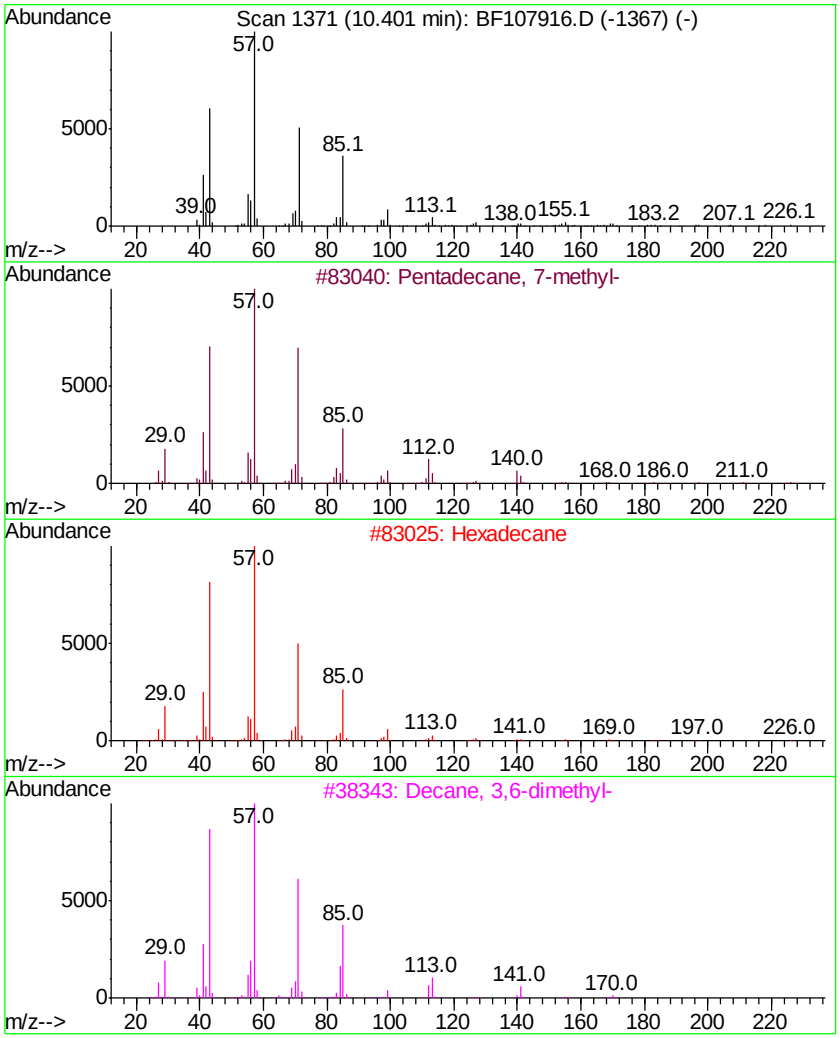
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

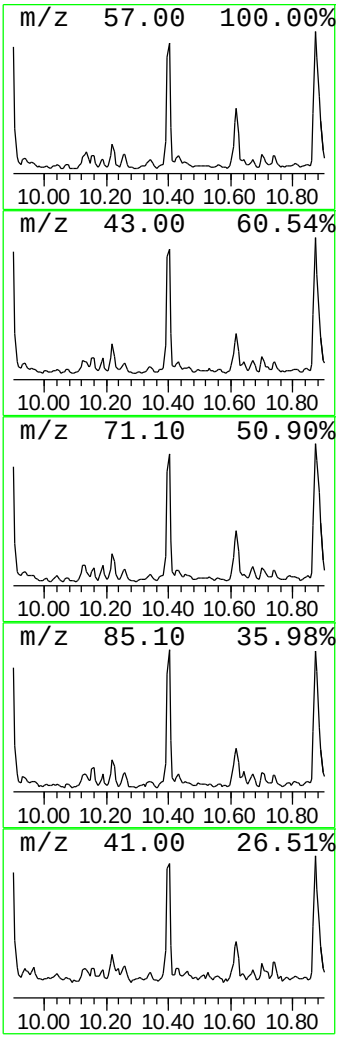
****

Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	12.18 ng	458556	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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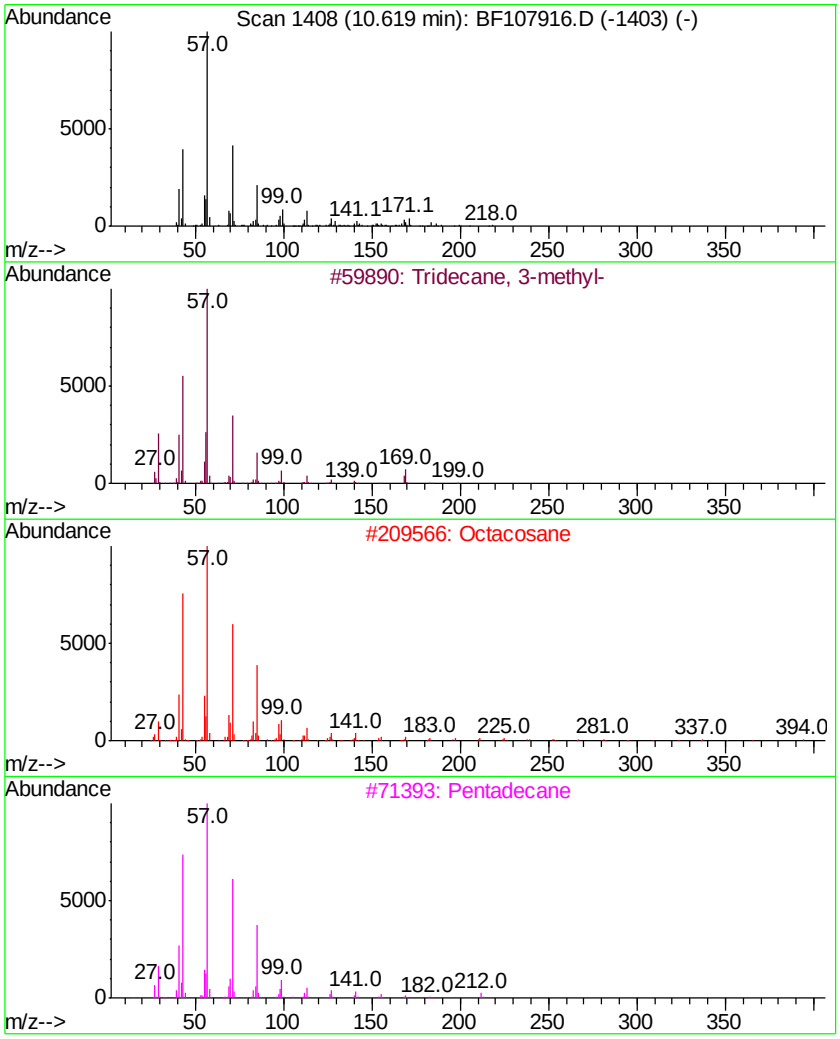
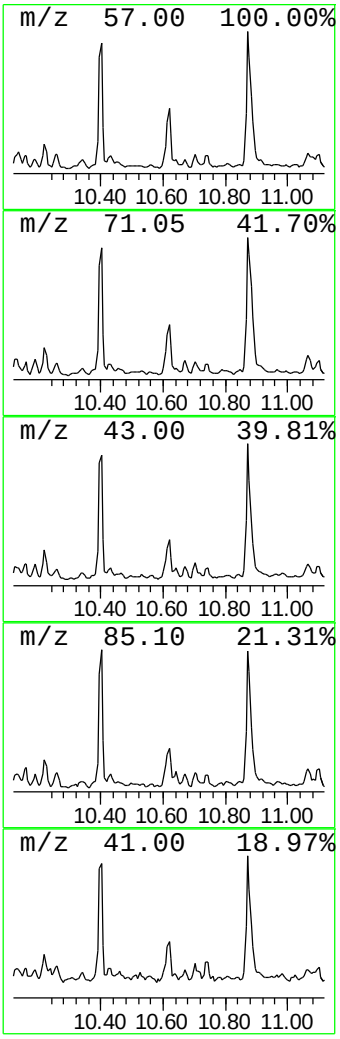
Peak Number 7 Tridecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.20 ng	270845	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2	Octacosane	394	C28H58	000630-02-4	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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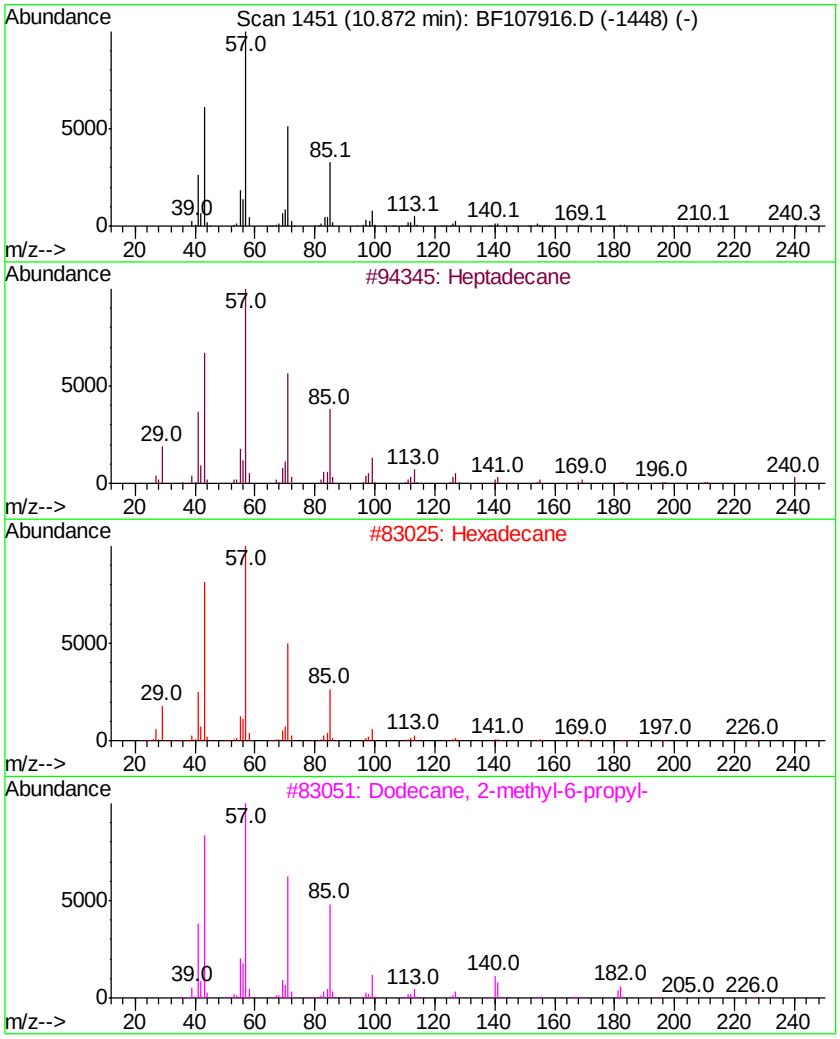
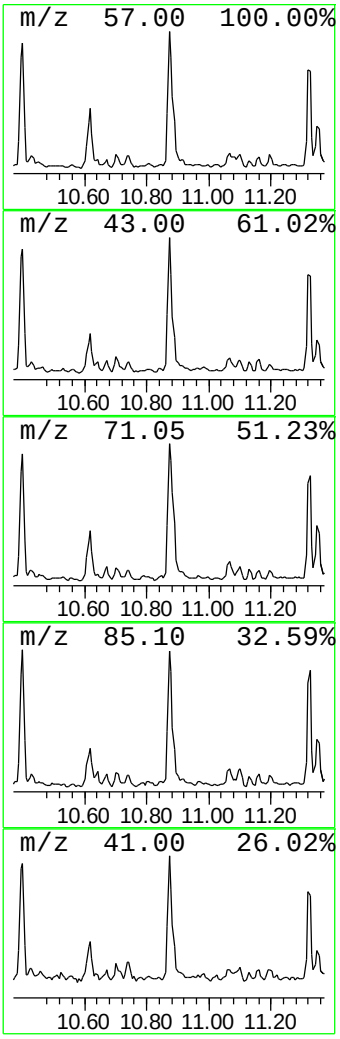
Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	12.13 ng	614860	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Heptacosane	380	C27H56	000593-49-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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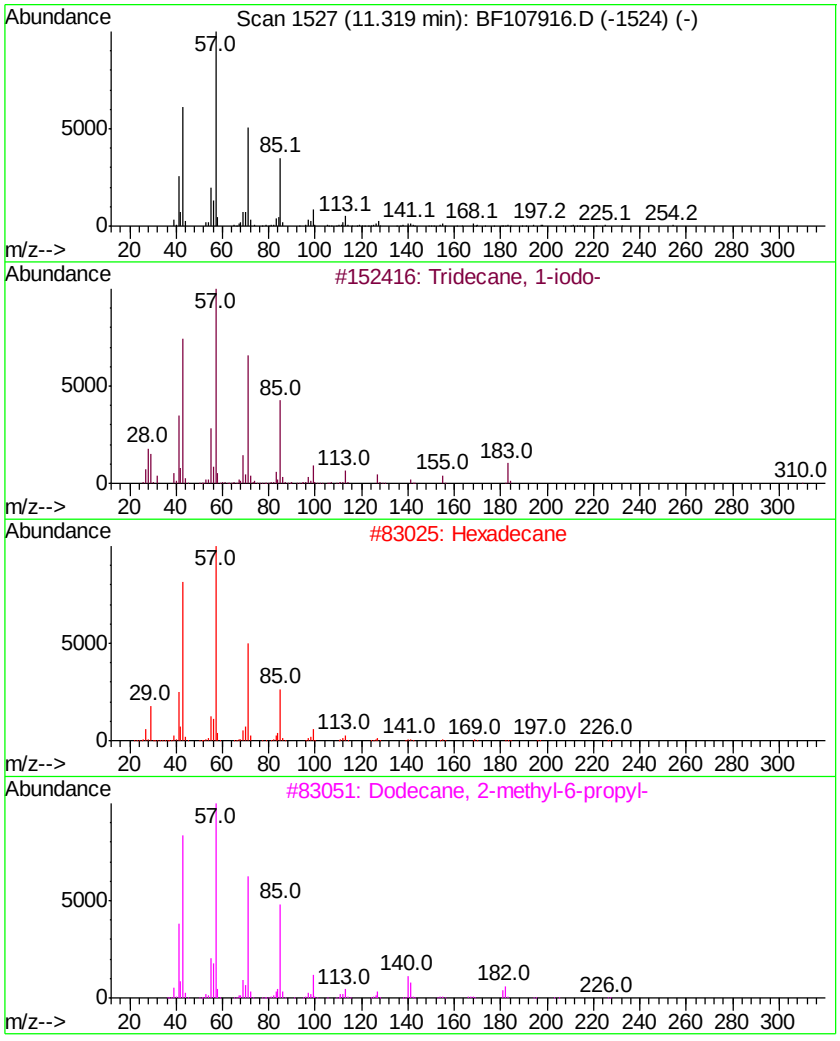
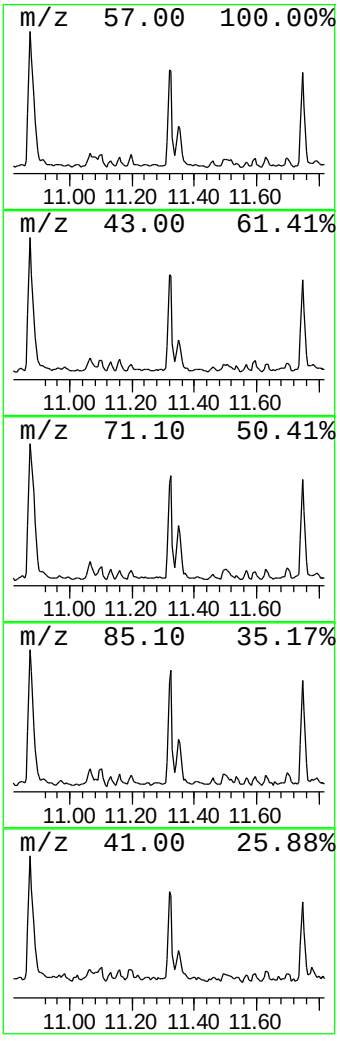
Peak Number 9 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	7.67 ng	388860	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72





Library Search Compound Report

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Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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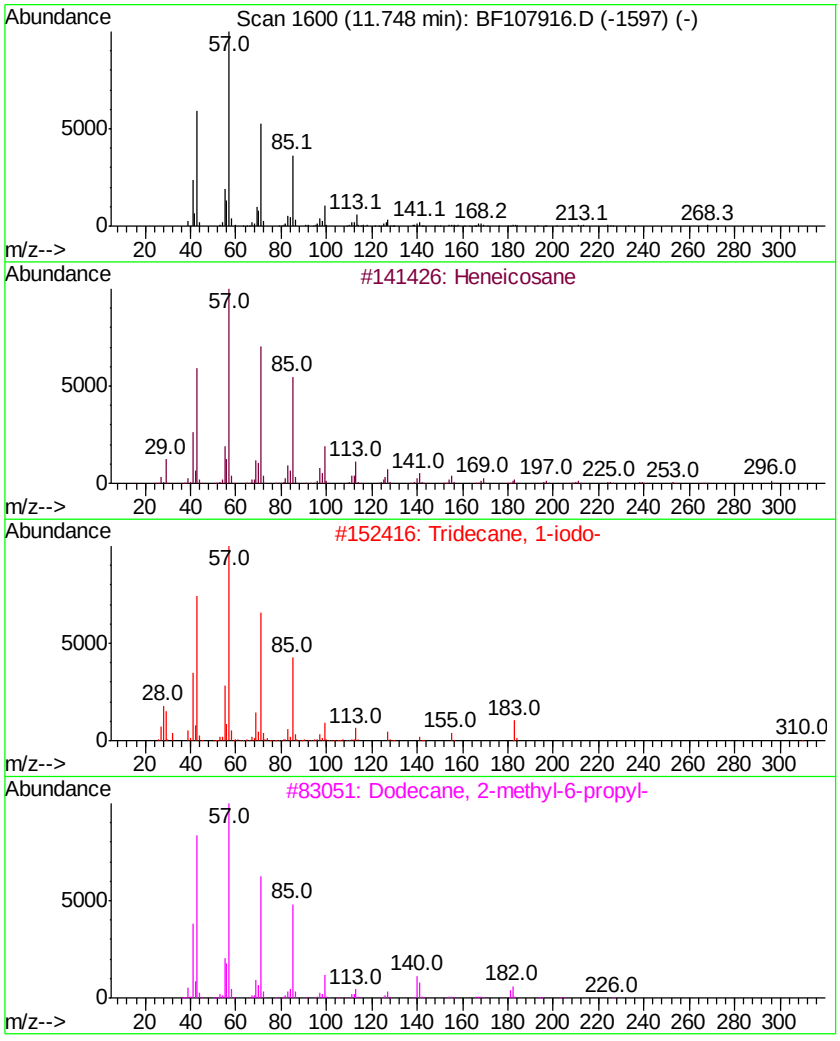
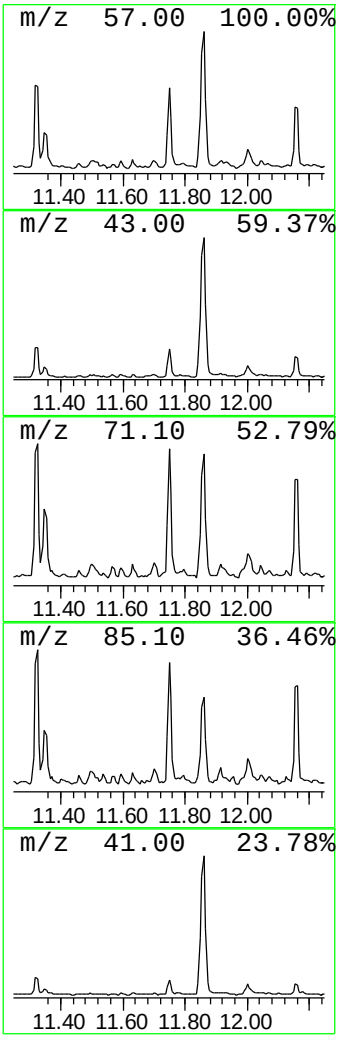
Peak Number 10 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.36 ng	322369	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Nonadecane	268	C19H40	000629-92-5	86





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Sample : J4278-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : EO-03-080118-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

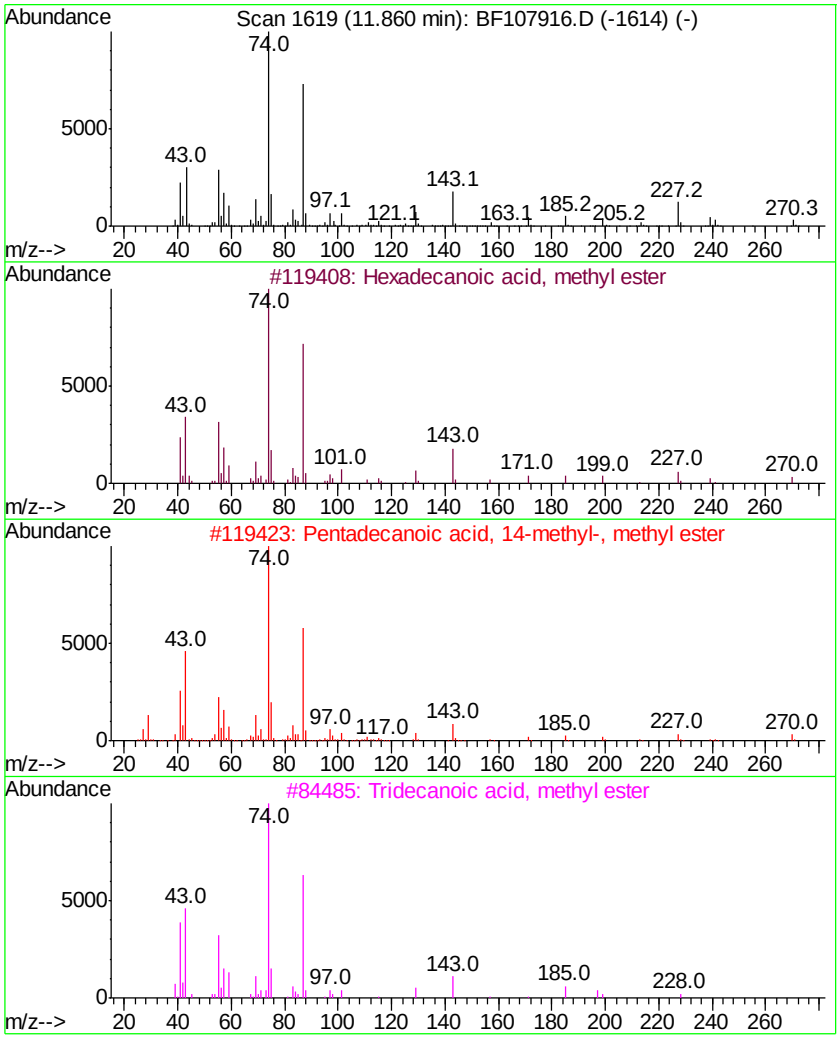
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

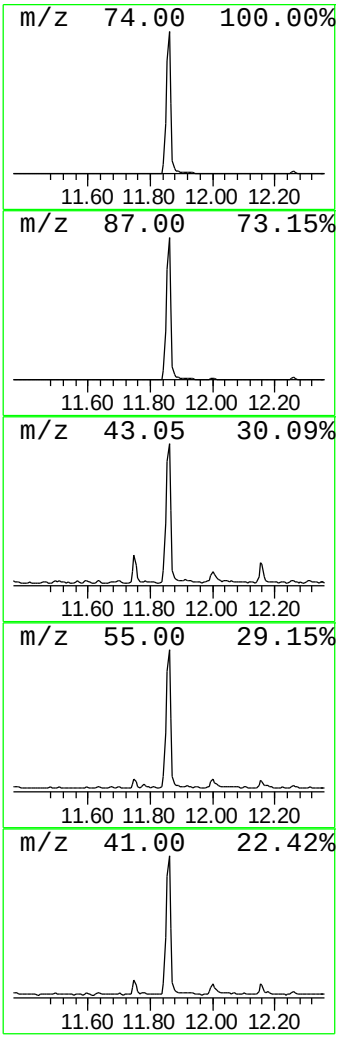
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	96.03 ng	4866730	Phenanthrene-d10	11.49

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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Misc :
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Instrument : BNA_F
ClientSampleId : EO-03-080118-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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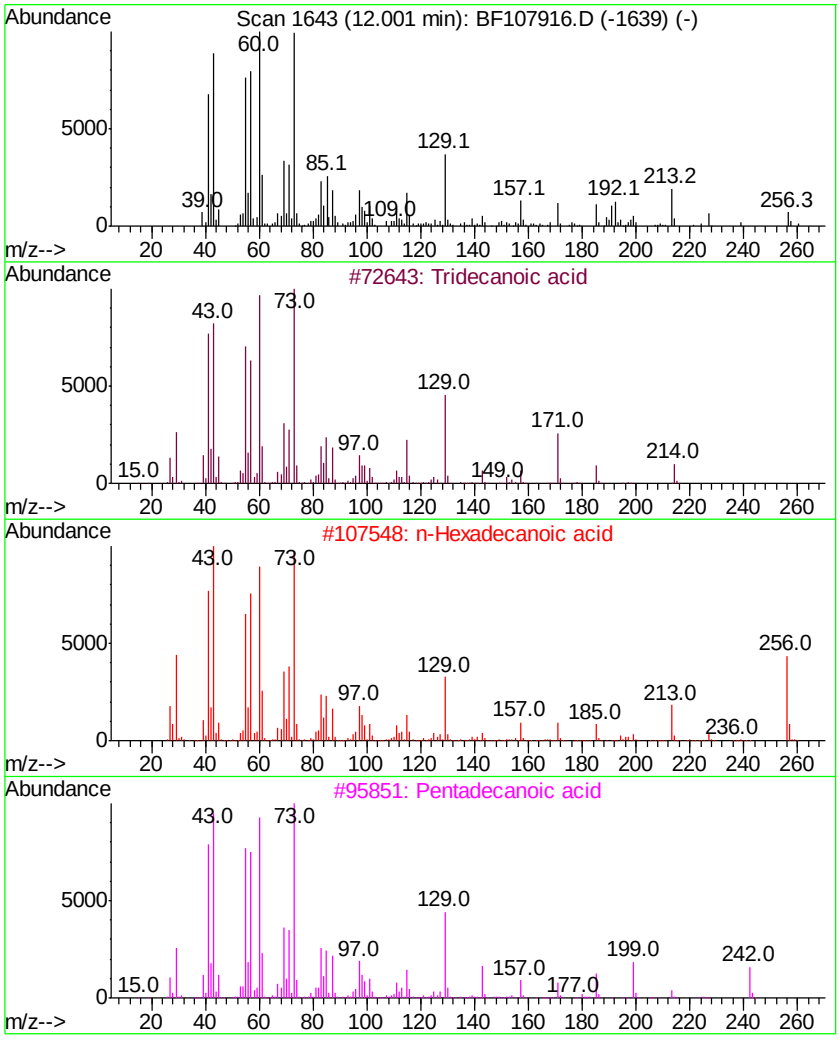
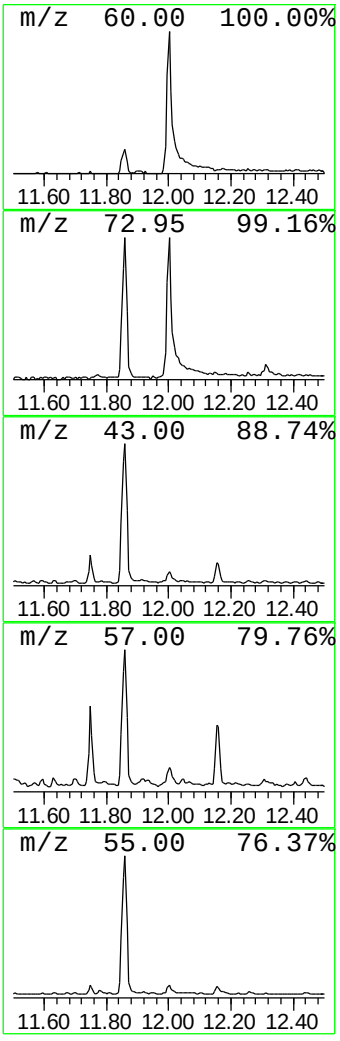
Peak Number 12 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.66 ng	388270	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-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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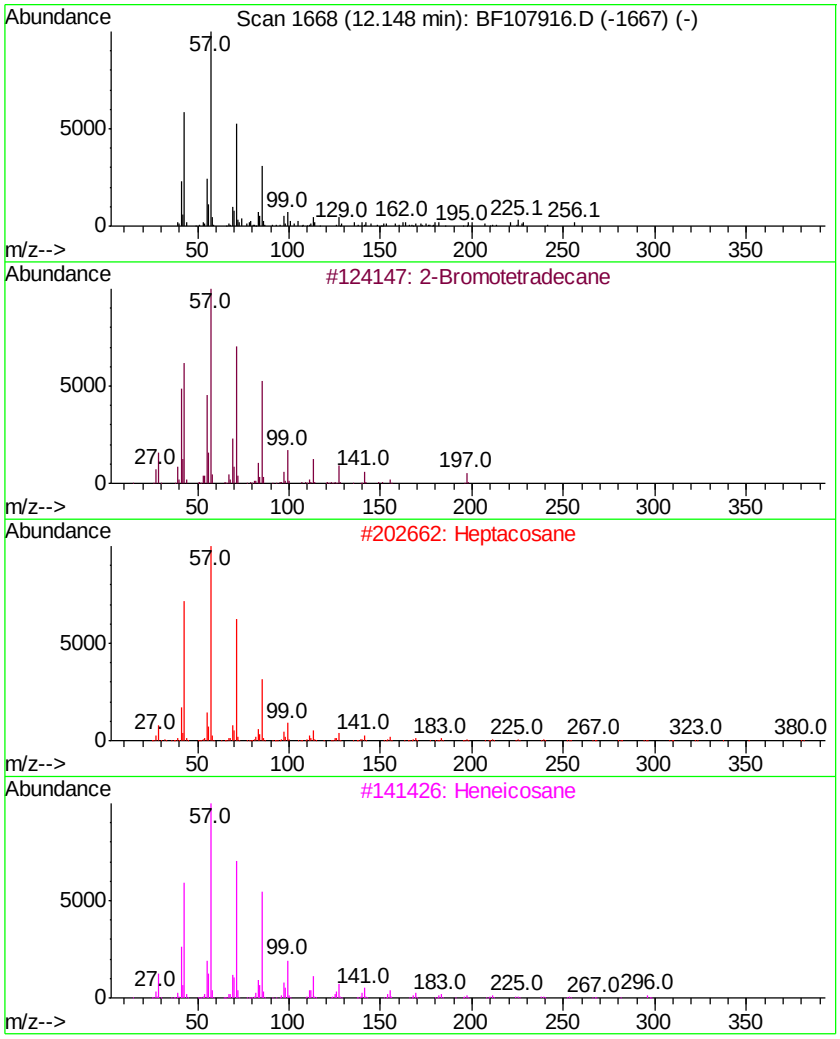
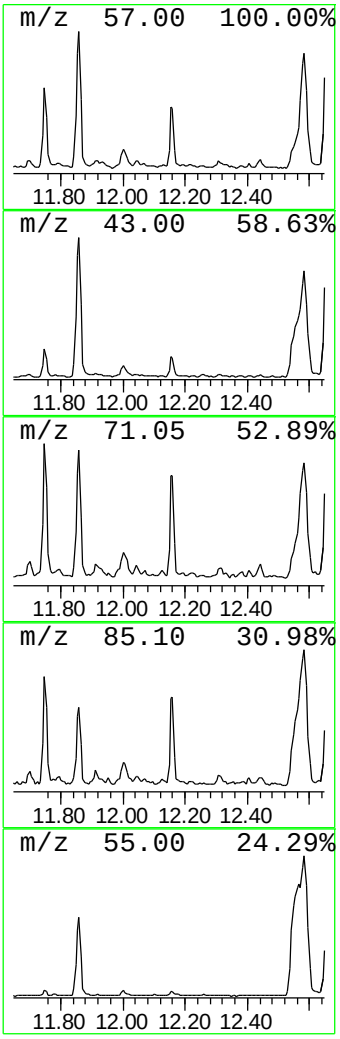
Peak Number 13 2-Bromotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	5.31 ng	269268	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72





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Sample : J4278-03 5X
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ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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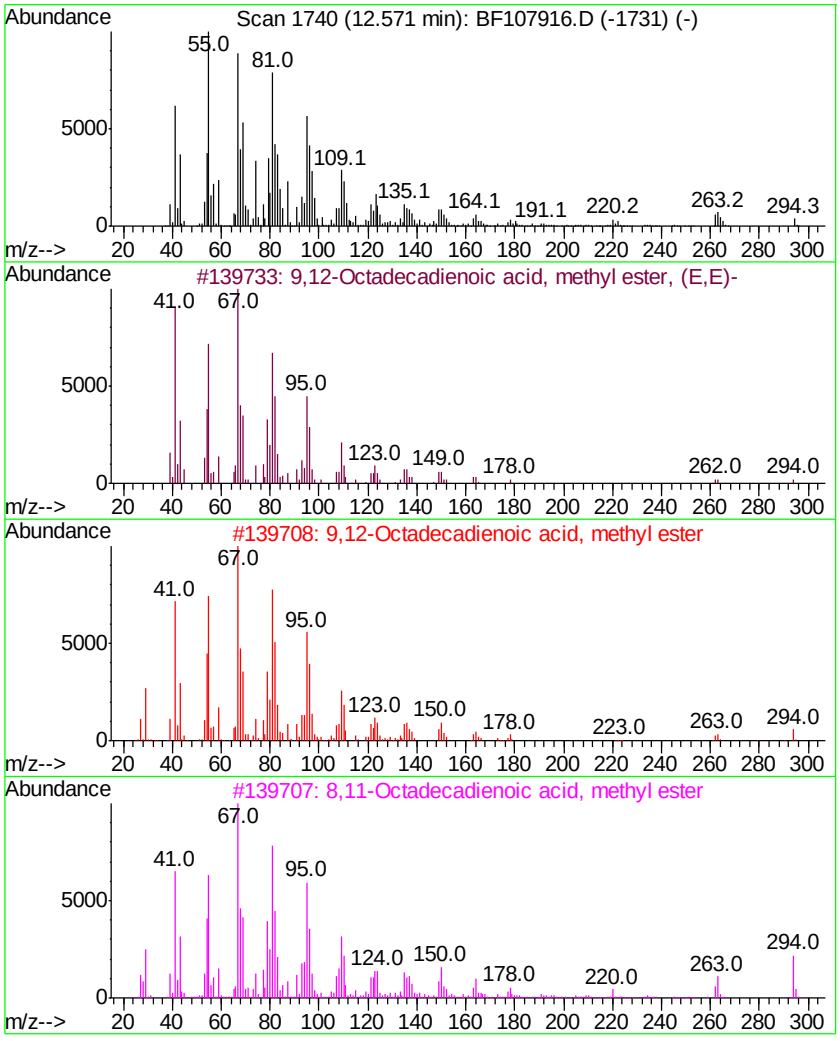
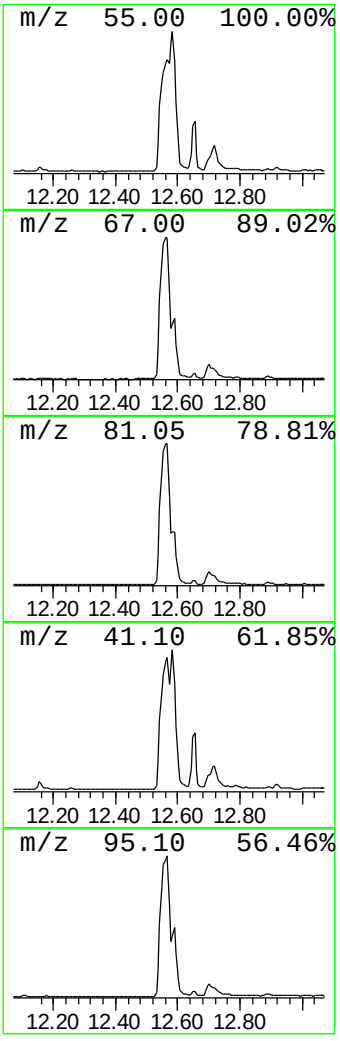
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	242.63 ng	12296200	Phenanthrene-d10	11.49

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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-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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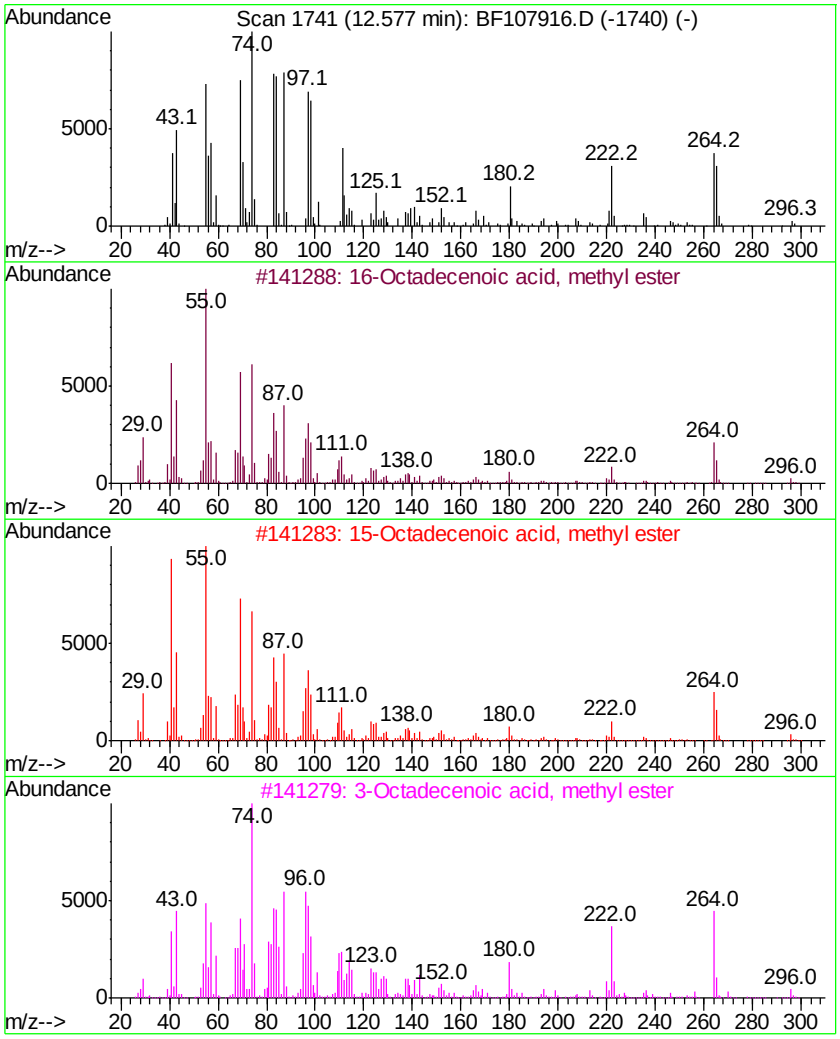
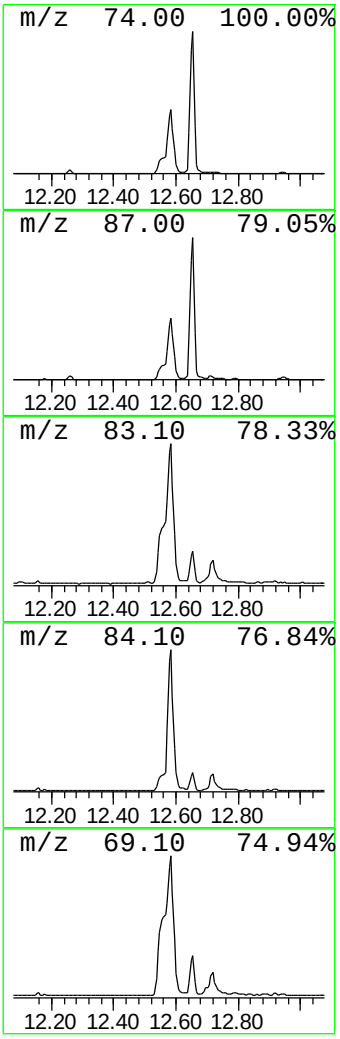
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	167.48 ng	8487740	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
3	3-Octadecenoic acid, methyl ester	296	C19H36O2	056599-33-8	49
4	1-Heneicosanol	312	C21H44O	015594-90-8	38
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	38





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Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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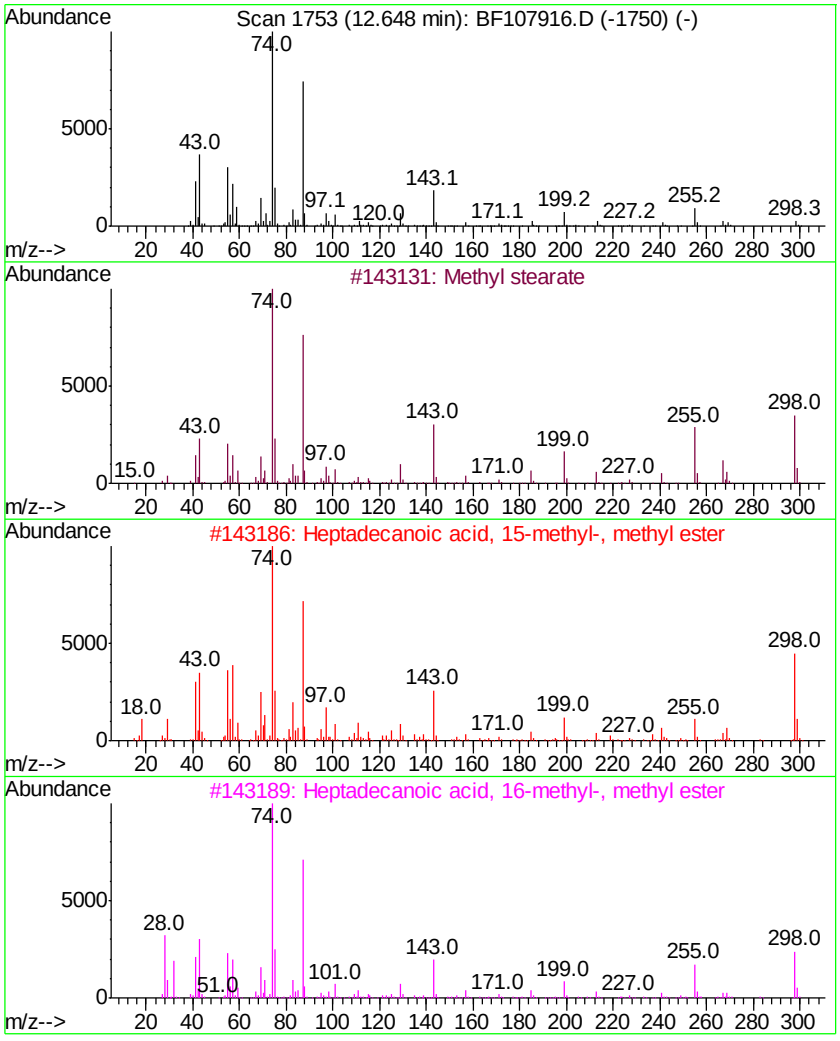
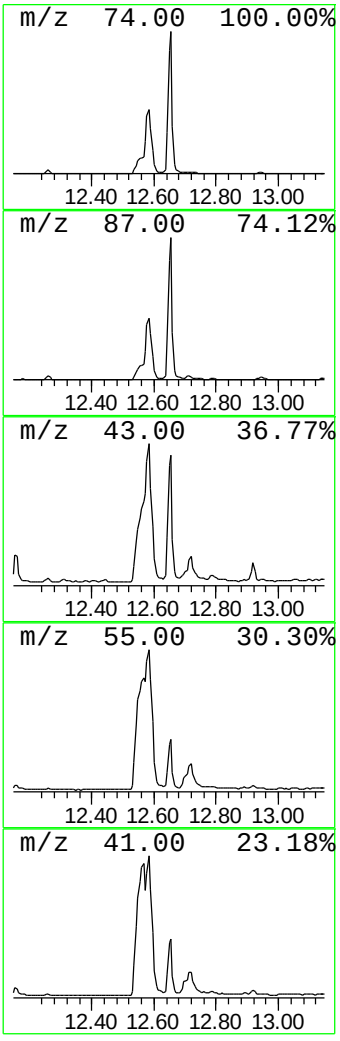
Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	59.31 ng	3005650	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





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Sample : J4278-03 5X
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Instrument : BNA_F
ClientSampleId : EO-03-080118-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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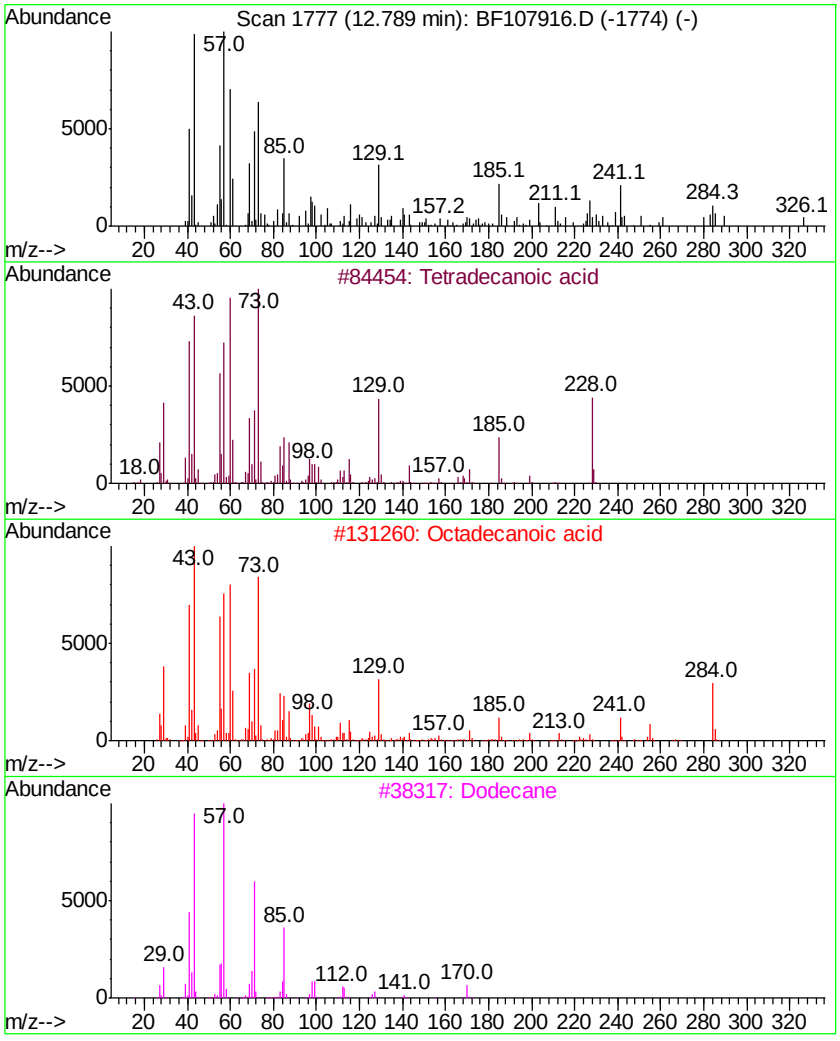
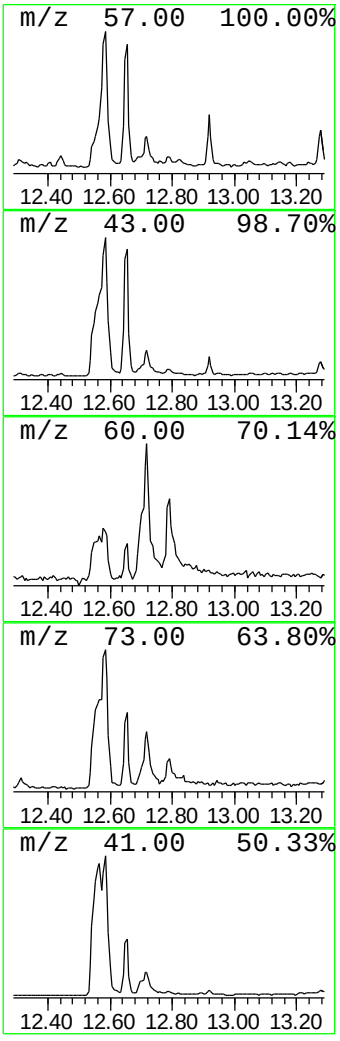
Peak Number 17 unknown12.79 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.67 ng	338187	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
2	Octadecanoic acid	284	C18H36O2	000057-11-4	49
3	Dodecane	170	C12H26	000112-40-3	35
4	Pentadecane	212	C15H32	000629-62-9	35
5	Hexadecane	226	C16H34	000544-76-3	35





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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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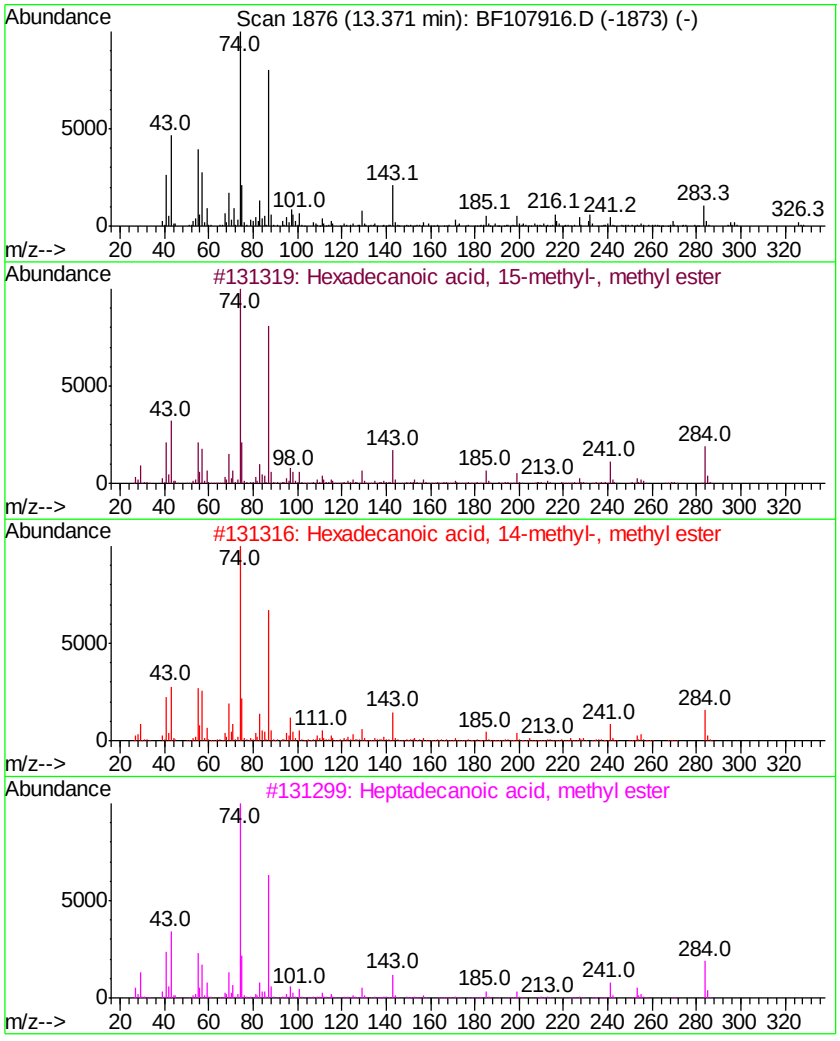
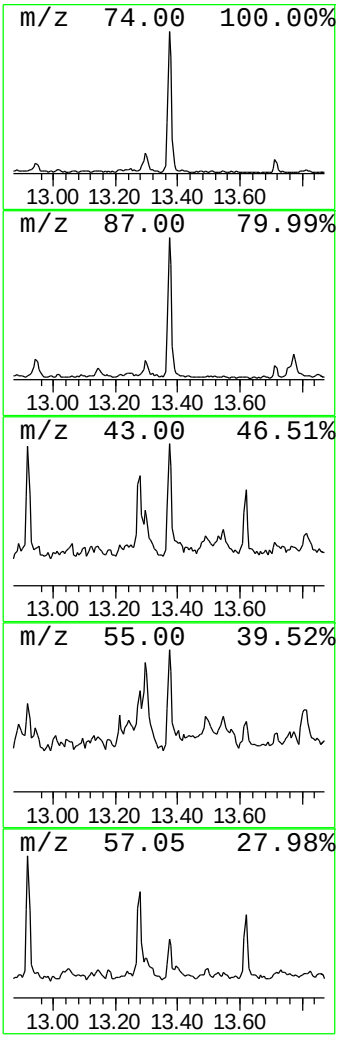
Peak Number 18 Hexadecanoic acid, 15-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	6.59 ng	489832	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Methyl stearate	298	C19H38O2	000112-61-8	93
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90





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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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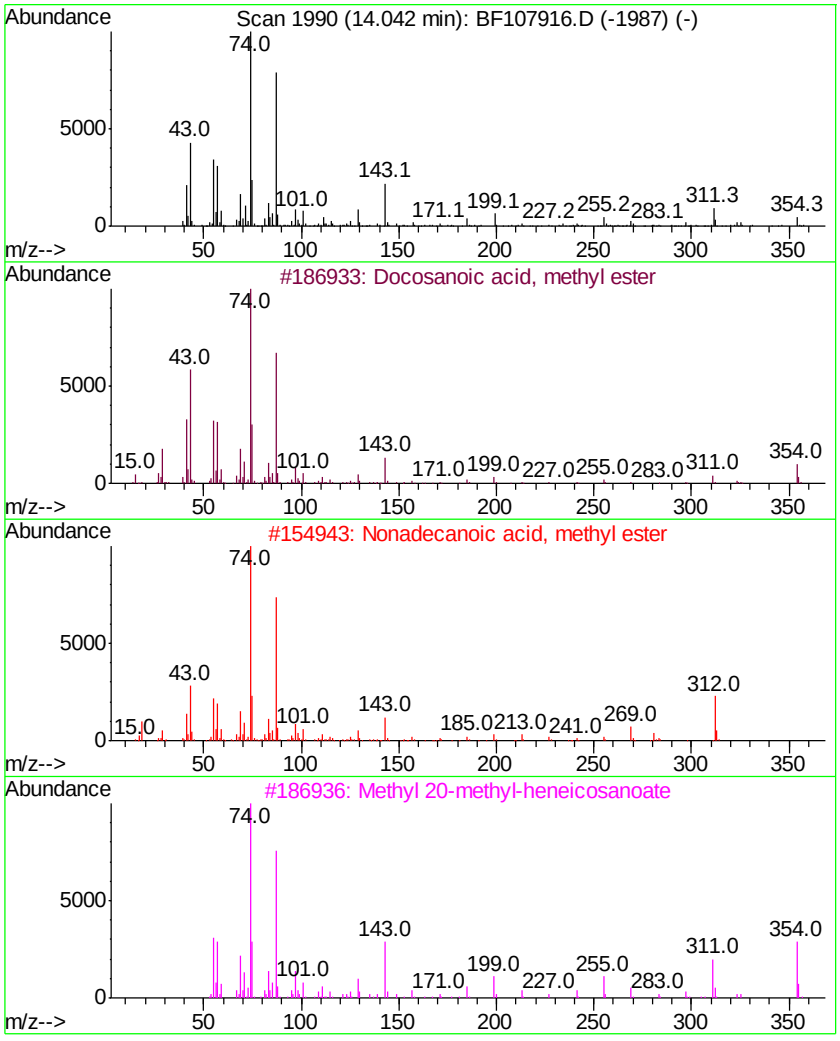
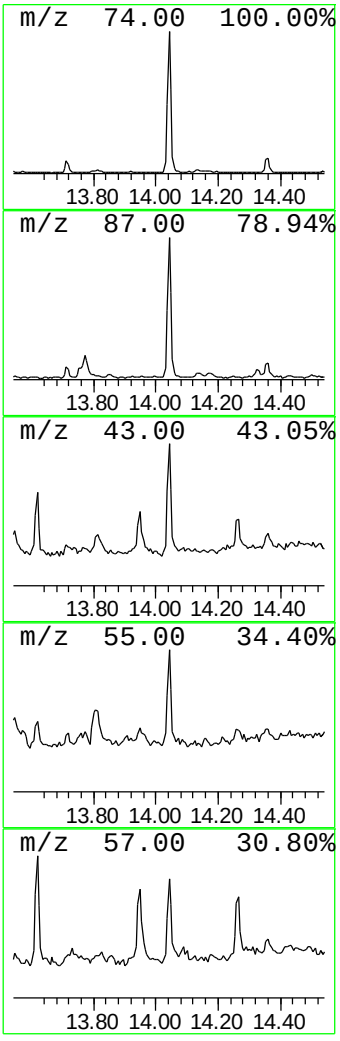
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.89 ng	363713	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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

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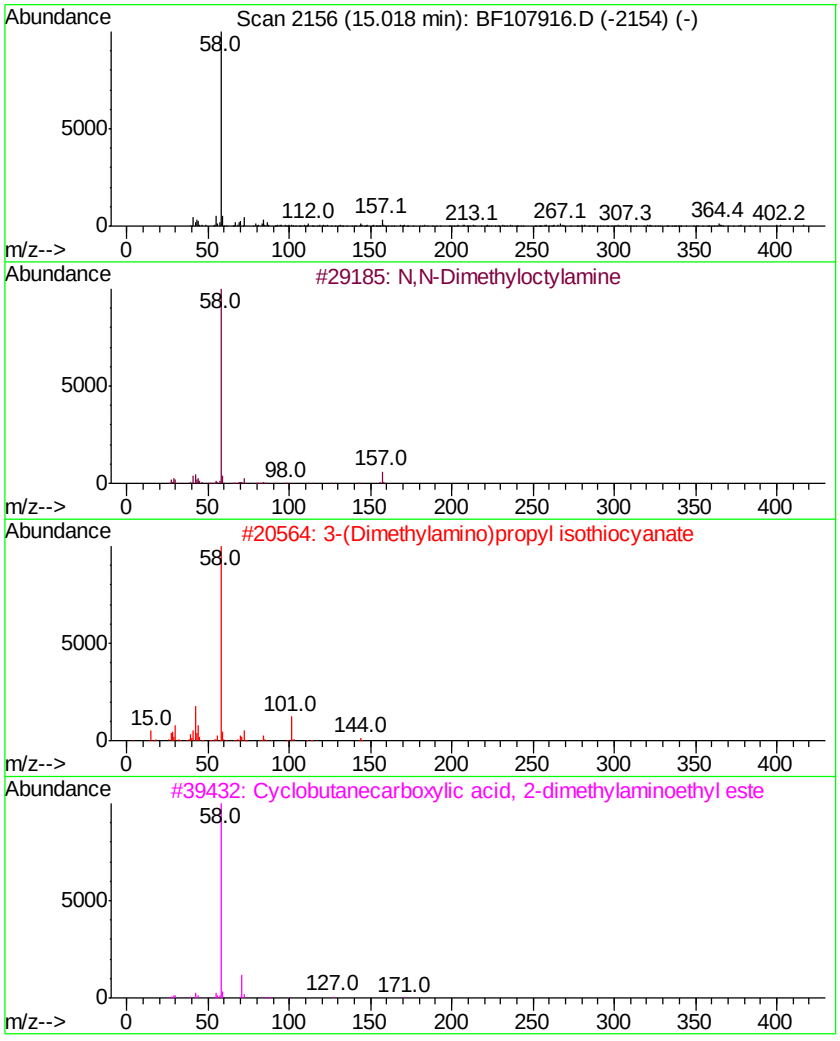
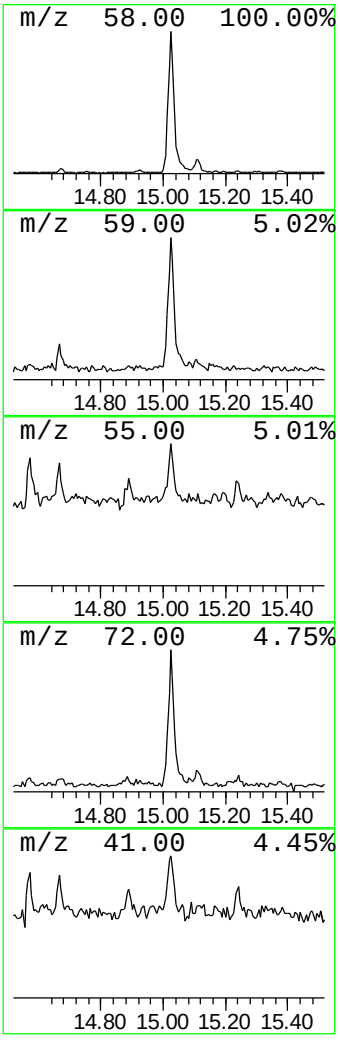
Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	11.25 ng	423860	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
3	Cyclobutanecarboxylic acid, 2-di...	171	C9H17NO2	1000331-08-6	64
4	2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	59
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	59





Tentatively Identified Compound (LSC) summary

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Data File : BF107916.D
Acq On : 2 Aug 2018 18:23
Operator : JU/SJ
Sample : J4278-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-080118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
unknown6.74	6.74	12.8	ng	436606	1	6.95	683331	20.0
Nonane, 5-butyl-	8.80	7.8	ng	275356	2	8.24	708619	20.0
Tetradecane	9.37	10.6	ng	397314	3	10.00	752857	20.0
Pentadecane	9.90	11.3	ng	426149	3	10.00	752857	20.0
Pentadecane, 7-me...	10.40	12.2	ng	458556	3	10.00	752857	20.0
Tridecane, 3-methyl-	10.62	7.2	ng	270845	3	10.00	752857	20.0
Heptadecane	10.87	12.1	ng	614860	4	11.49	1013590	20.0
Tridecane, 1-iodo-	11.32	7.7	ng	388860	4	11.49	1013590	20.0
Heneicosane	11.75	6.4	ng	322369	4	11.49	1013590	20.0
Hexadecanoic acid...	11.86	96.0	ng	4866730	4	11.49	1013590	20.0
Tridecanoic acid	12.00	7.7	ng	388270	4	11.49	1013590	20.0
2-Bromotetradecane	12.15	5.3	ng	269268	4	11.49	1013590	20.0
9,12-Octadecadien...	12.57	242.6	ng	12296200	4	11.49	1013590	20.0
16-Octadecenoic a...	12.58	167.5	ng	8487740	4	11.49	1013590	20.0
Methyl stearate	12.65	59.3	ng	3005650	4	11.49	1013590	20.0
unknown12.79	12.79	6.7	ng	338187	4	11.49	1013590	20.0
Hexadecanoic acid...	13.37	6.6	ng	489832	5	14.15	1486570	20.0
Docosanoic acid, ...	14.04	4.9	ng	363713	5	14.15	1486570	20.0
N,N-Dimethyloctyl...	15.02	11.3	ng	423860	6	15.68	753408	20.0