LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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	5.184	481	484	492	rBV	195999	227493	2.48%	0.462%
2	5.596	551	554	574	rBV	528906	1075957	11.71%	2.187%
3	6.601	722	725	742	rBV	530502	1226615	13.35%	2.494%
4	6.737	744	748	763	rVV	1008736	1410603	15.35%	2.868%
5	6.960	783	786	809	rBV	599815	962944	10.48%	1.958%
6	7.113	809	812	829	rVV	984552	1138053	12.38%	2.314%
7	7.531	879	883	905	rBV	307548	875722	9.53%	1.780%
8	8.242	1001	1004	1023	rBV	991581	1300398	14.15%	2.644%
9	8.813	1096	1101	1106	rBV	97756	104516	1.14%	0.212%
10	9.060	1140	1143	1147	rBV2	82053	97817	1.06%	0.199%
11	9.313	1183	1186	1195	rBV	1496766	1643005	17.88%	3.340%
12	9.378	1195	1197	1202	rVB	232800	209866	2.28%	0.427%
13	9.701	1248	1252	1257	rBV3	117631	195013	2.12%	0.396%
14	9.907	1284	1287	1291	rVB	326778	260561	2.84%	0.530%
15	10.001	1300	1303	1315	rVB2	1222142	1309934	14.25%	2.663%
16	10.231	1339	1342	1346	rBV3	67858	92983	1.01%	0.189%
17	10.313	1352	1356	1360	rBV5	49995	96182	1.05%	0.196%
18	10.407	1369	1372	1375	rBV	448703	346848	3.77%	0.705%
19	10.625	1405	1409	1412	rBV	182483	221470	2.41%	0.450%
20	10.795	1435	1438	1447	rBV	571119	813254	8.85%	1.653%
21	10.883	1450	1453	1458	rVV	461401	501790	5.46%	1.020%
22	11.330	1526	1529	1532	rBV	427413	334159	3.64%	0.679%
23	11.360	1532	1534	1537	rVB	138565	109772	1.19%	0.223%
24	11.495	1554	1557	1569	rBV	793792	1204299	13.10%	2.448%
25	11.760	1599	1602	1605	rBV	344782	283349	3.08%	0.576%
26	11.866	1616	1620	1623	rBV	4859244	4480953	48.76%	9.110%
27	12.007	1640	1644	1651	rBV3	198699	293045	3.19%	0.596%
28	12.166	1668	1671	1673	rBV	303742	243239	2.65%	0.494%
29	12.566	1733	1739	1740	rBV	6604651	9190037	100.00%	18.683%
30	12.583	1740	1742	1749	rVV2	6719325	8074683	87.86%	16.415%
31	12.660	1751	1755	1760	rVV	2668294	2325005	25.30%	4.727%
32	12.719	1760	1765	1772	rVV2	510707	863660	9.40%	1.756%
33	12.895	1792	1795	1798	rBV	286769	255762	2.78%	0.520%
34	12.930	1798	1801	1802	rVV	167103	146248	1.59%	0.297%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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	12.948	1802	1804	1811	rVB	201330	228212	2.48%	0.464%
36	13.083	1823	1827	1833	rBV	1146712	1374608	14.96%	2.795%
37	13.219	1847	1850	1852	rBV	297737	275590	3.00%	0.560%
38	13.248	1852	1855	1856	rVV3	219306	264420	2.88%	0.538%
39	13.289	1859	1862	1863	rVV3	213631	245456	2.67%	0.499%
40	13.307	1863	1865	1874	rVB2	301955	375138	4.08%	0.763%
41	13.383	1874	1878	1881	rBV	400659	362449	3.94%	0.737%
42	13.495	1894	1897	1902	rBV2	140189	166337	1.81%	0.338%
43	13.624	1917	1919	1923	rBV	97936	97057	1.06%	0.197%
44	13.819	1948	1952	1960	rVB2	296235	466247	5.07%	0.948%
45	13.954	1972	1975	1981	rBV	177105	203342	2.21%	0.413%
46	14.048	1989	1991	1995	rBV	238571	223439	2.43%	0.454%
47	14.148	2004	2008	2020	rBV	934687	1424103	15.50%	2.895%
48	14.577	2077	2081	2089	rBV	195025	275869	3.00%	0.561%
49	14.671	2095	2097	2103	rVB3	92517	97466	1.06%	0.198%
50	15.254	2193	2196	2200	rVB	147946	172590	1.88%	0.351%
51	15.683	2265	2269	2283	rVB	479291	880624	9.58%	1.790%
52	16.107	2339	2341	2347	rVB	101135	141406	1.54%	0.287%

Sum of corrected areas: 49189588

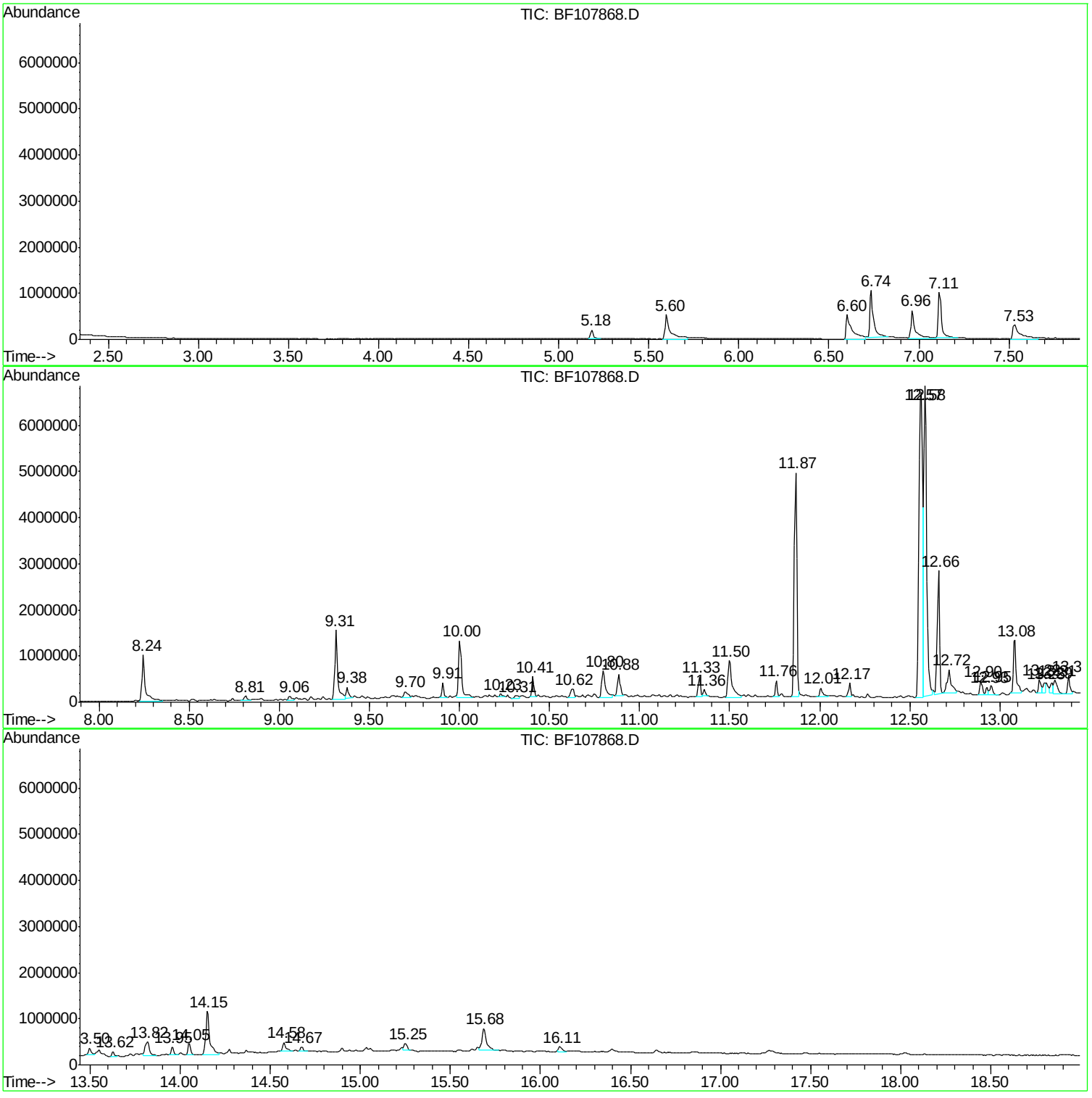
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-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\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

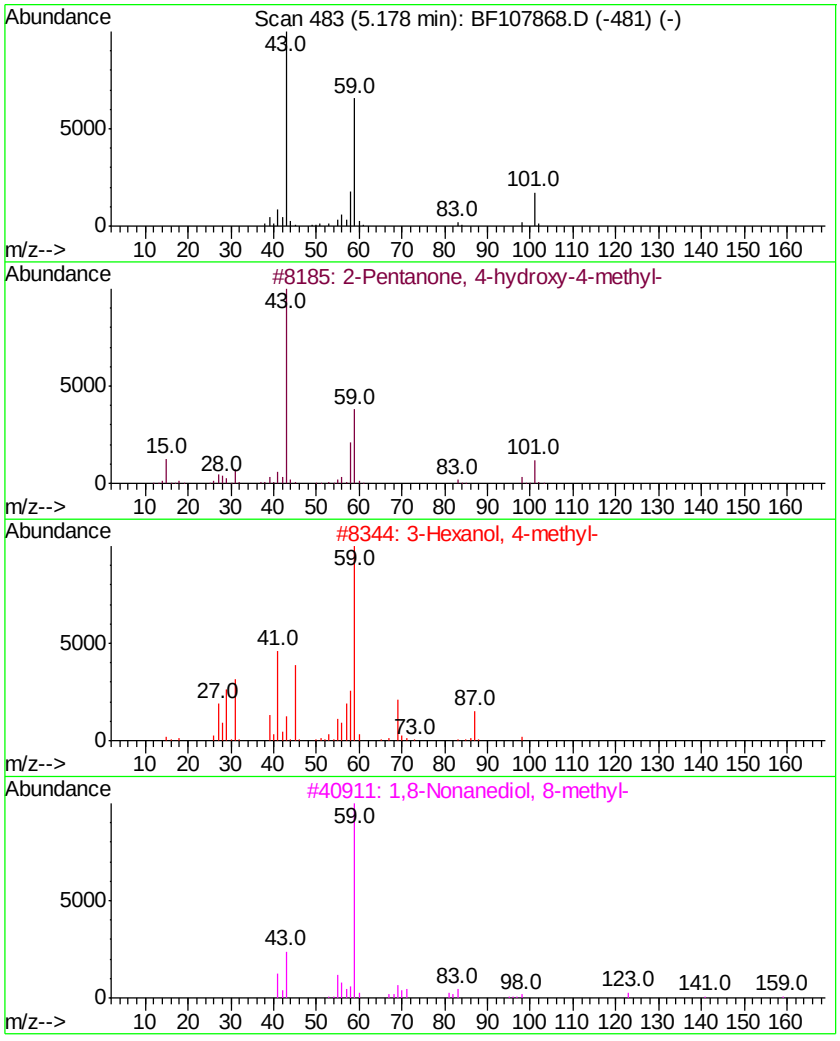
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

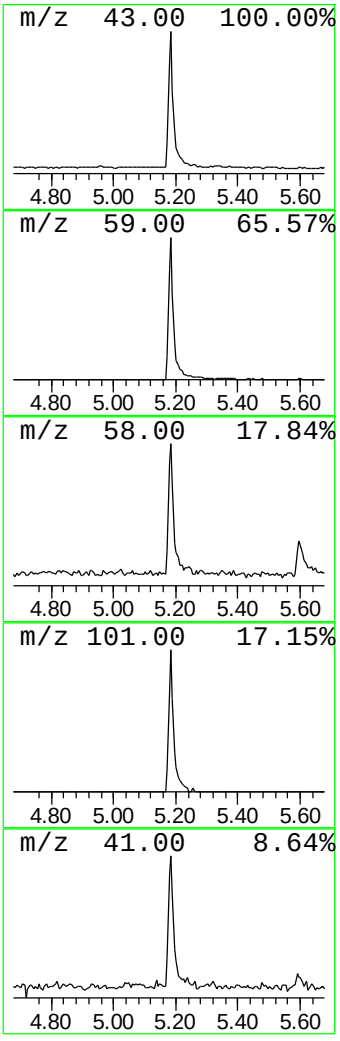
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.72 ng	227493	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

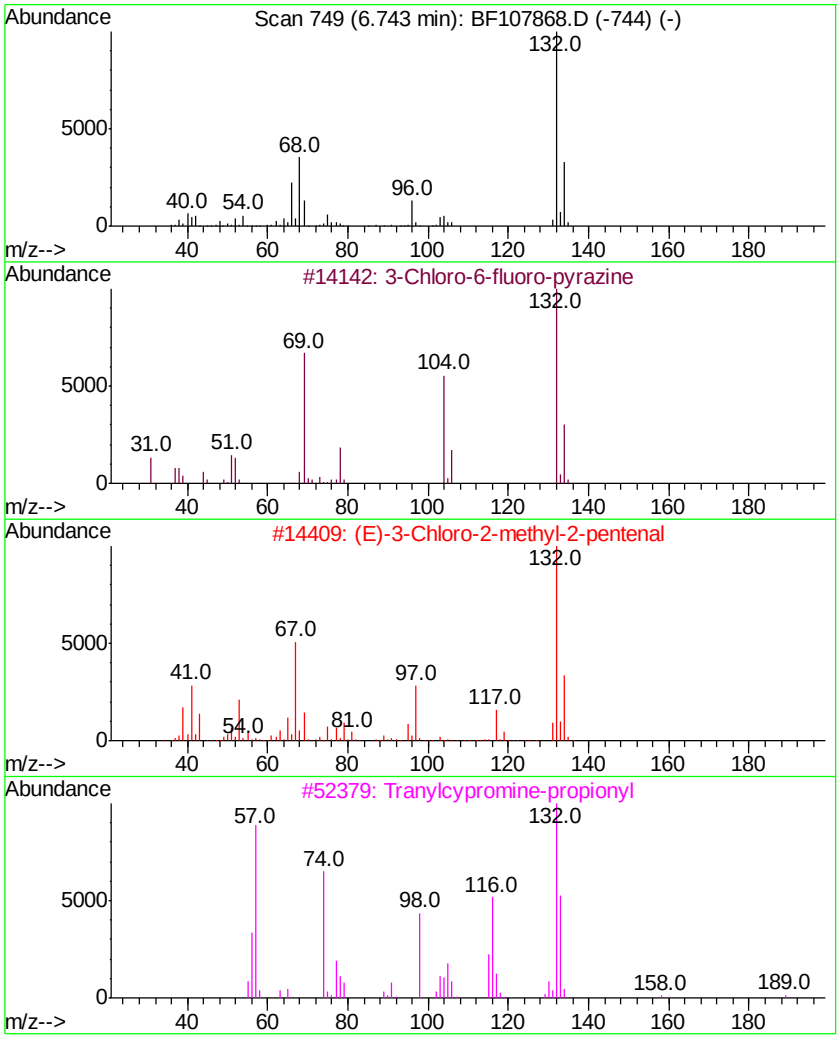
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

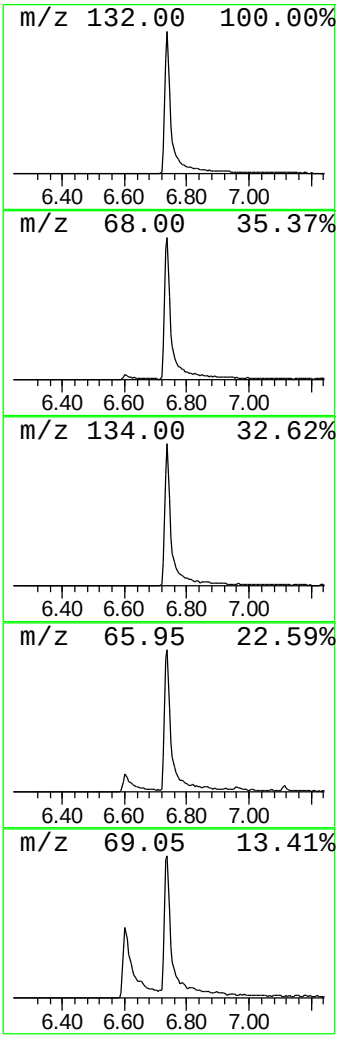
****

Peak Number 2 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	29.30 ng	1410600	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

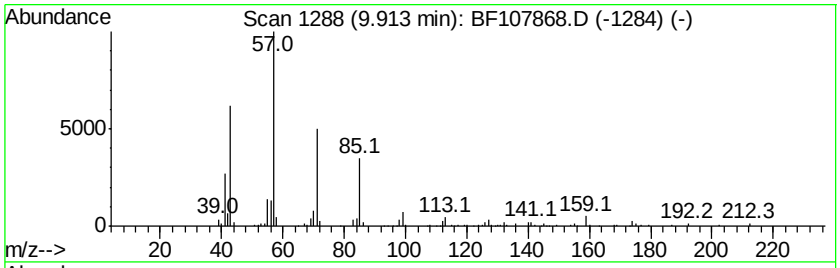
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

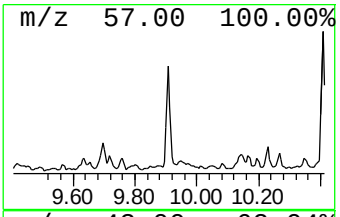
****

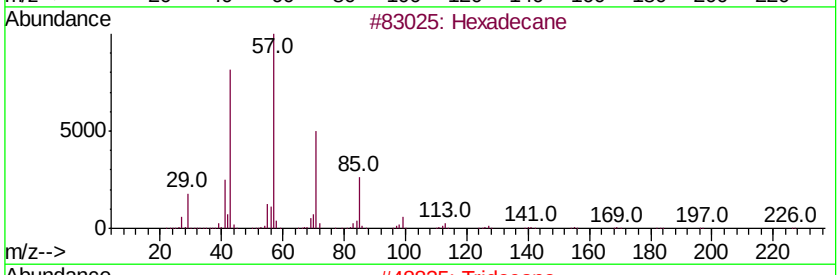
Peak Number 4 Hexadecane Concentration Rank 17

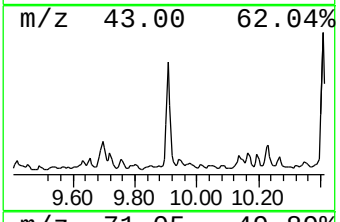
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.98 ng	260561	Acenaphthene-d10	10.00

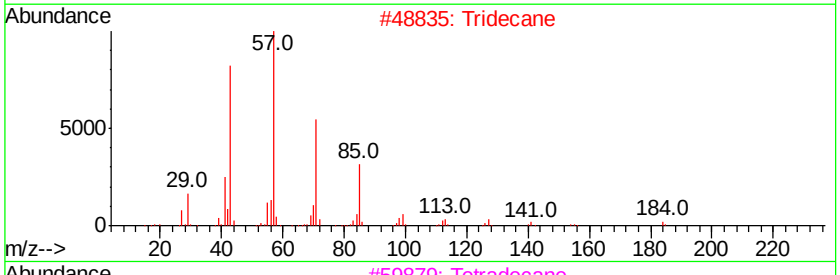
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64

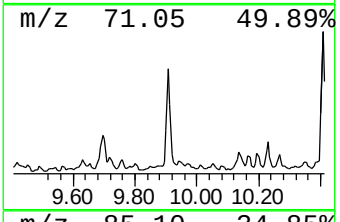


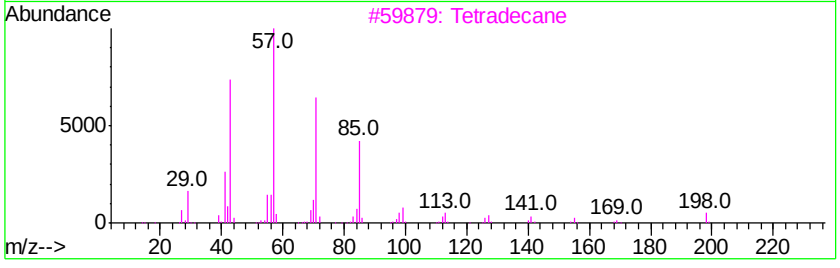


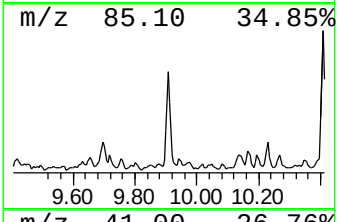


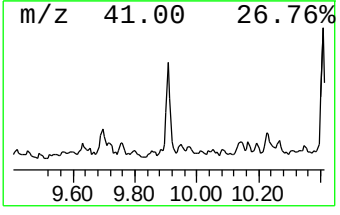












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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

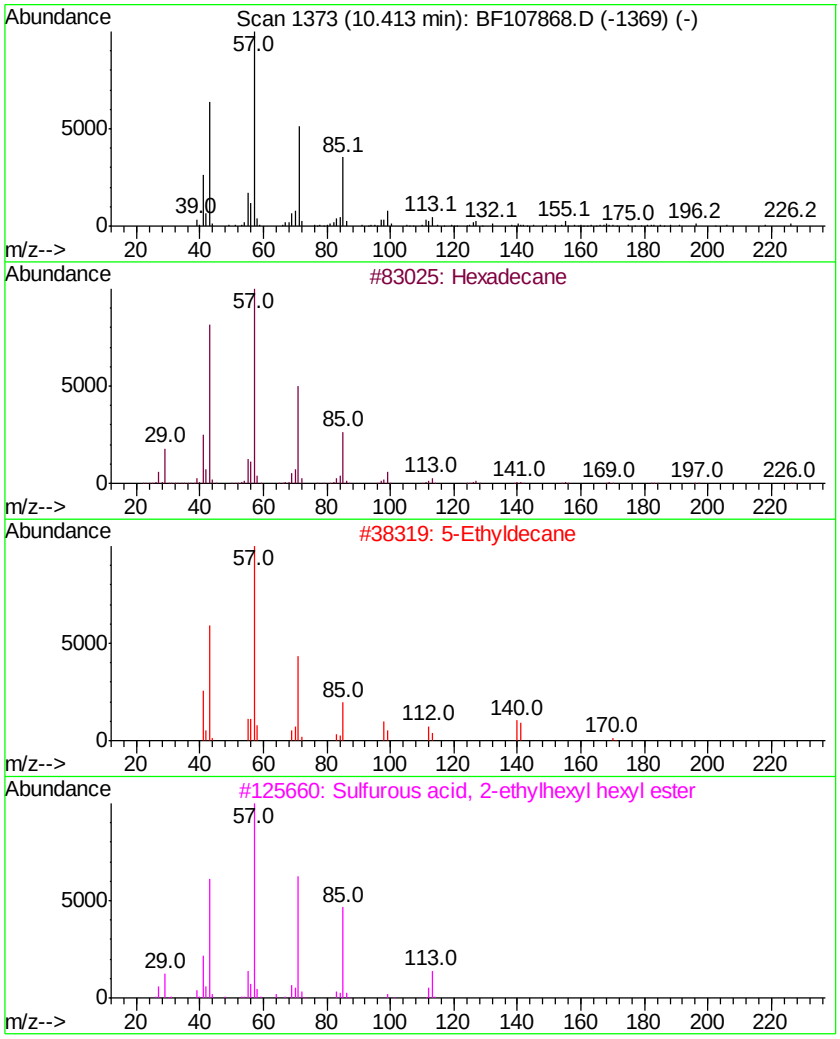
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

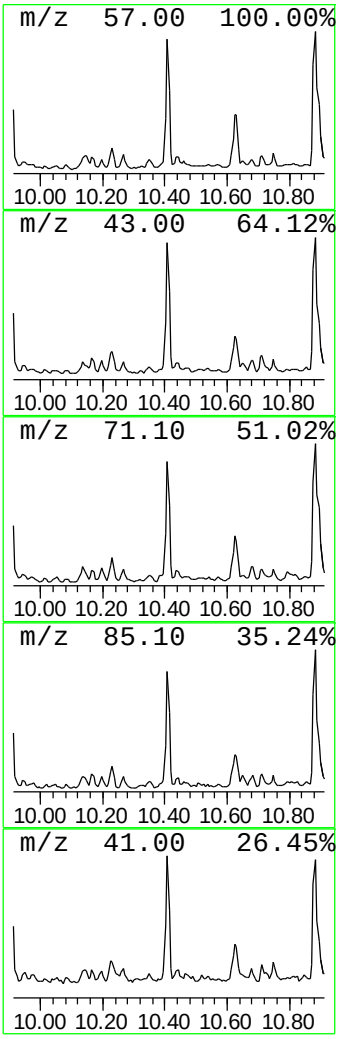
****

Peak Number 5 5-Ethyldecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	5.30 ng	346848	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	5-Ethyldecane	170	C12H26	017302-36-2	83
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

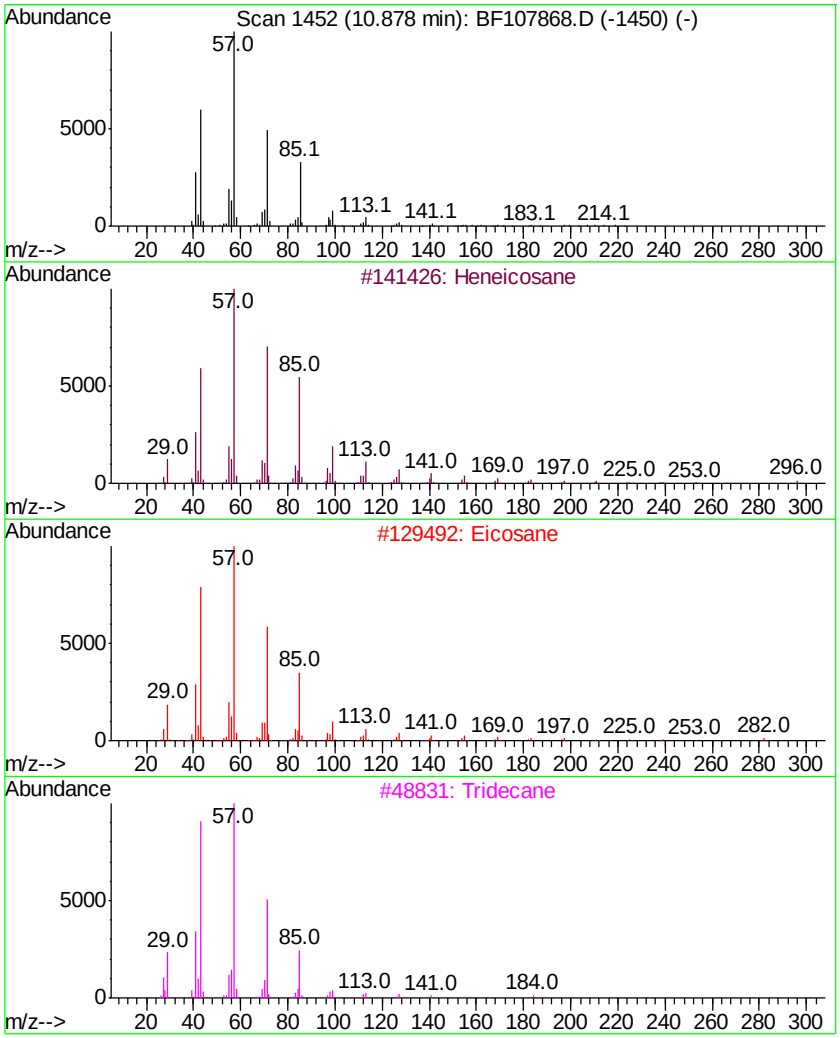
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

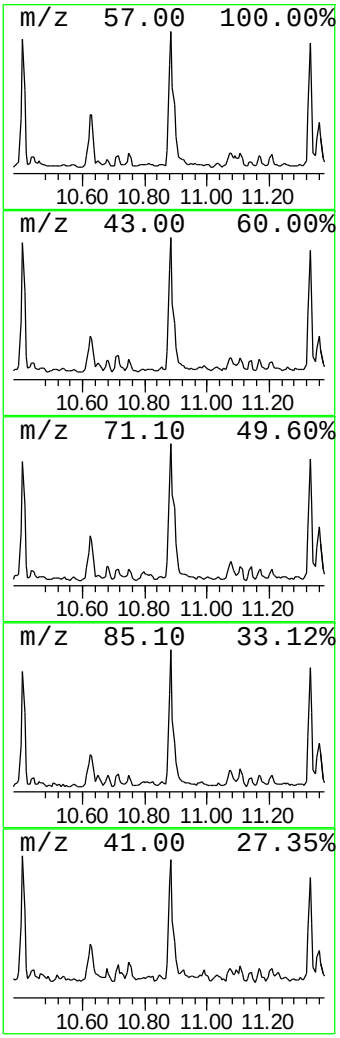
****

Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	8.33 ng	501790	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

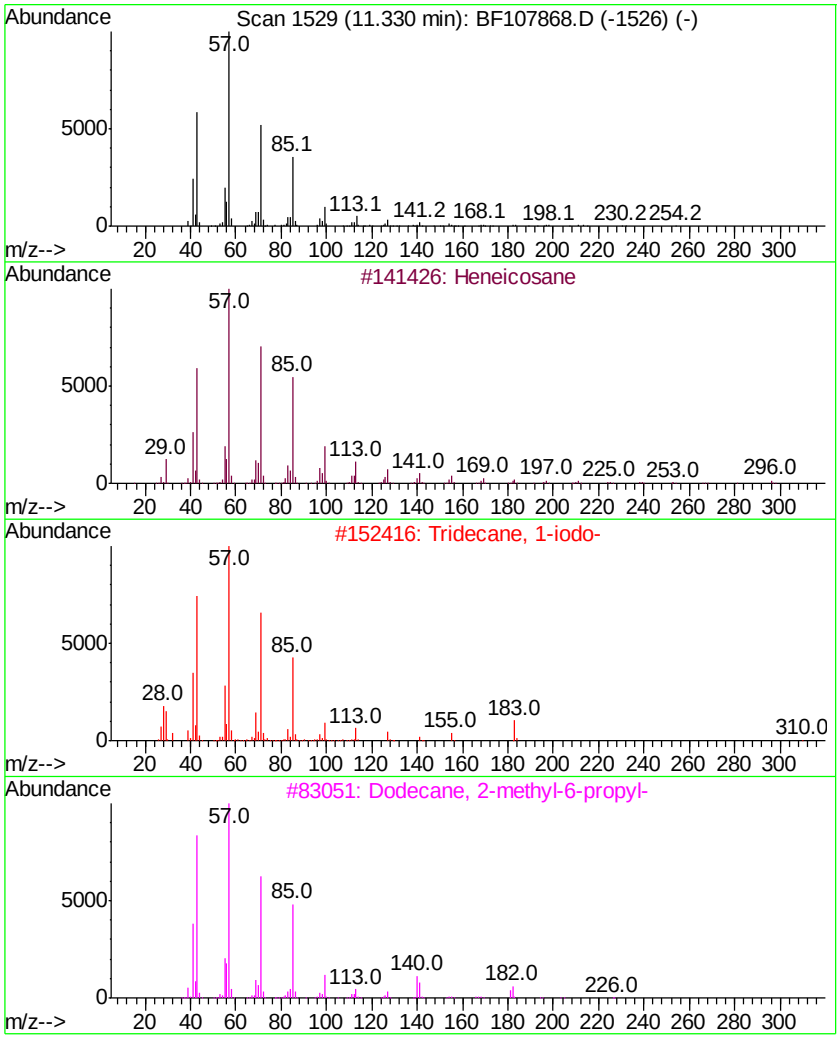
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

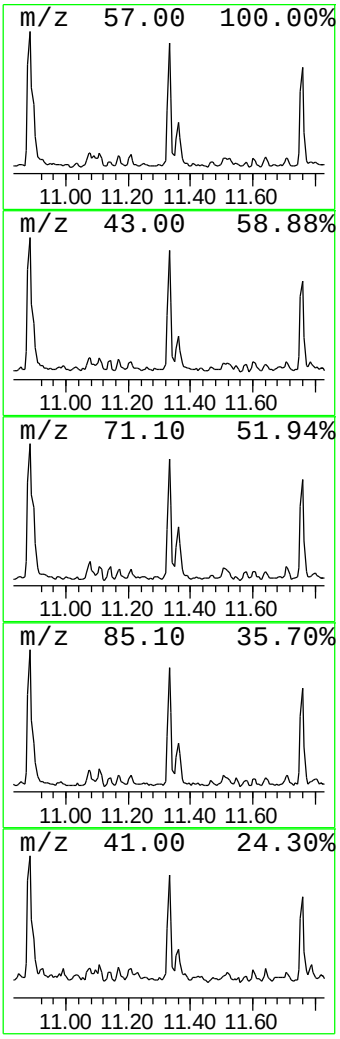
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.55 ng	334159	Phenanthrene-d10	11.50

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	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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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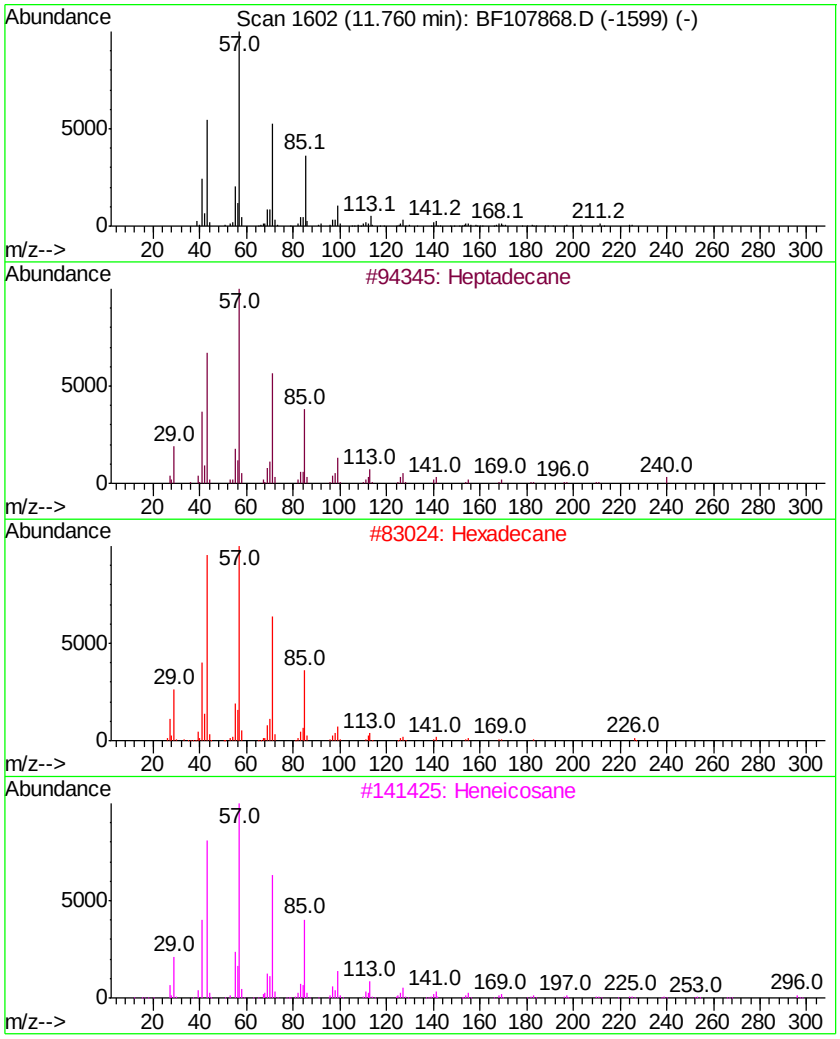
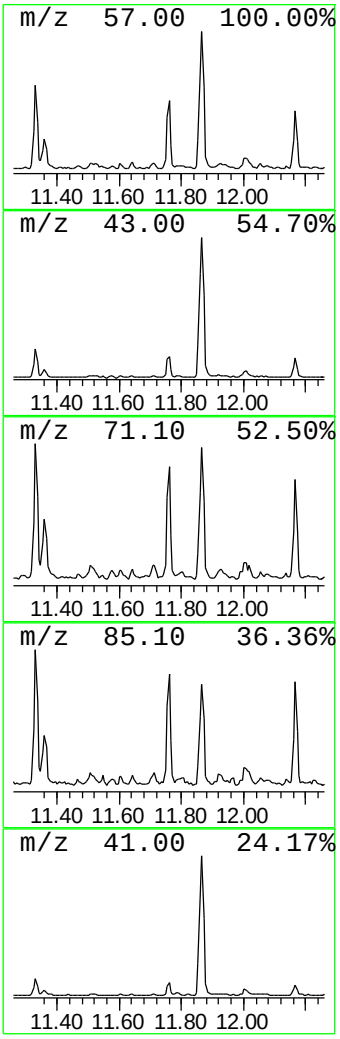
Peak Number 8 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.71 ng	283349	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83





Library Search Compound Report

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Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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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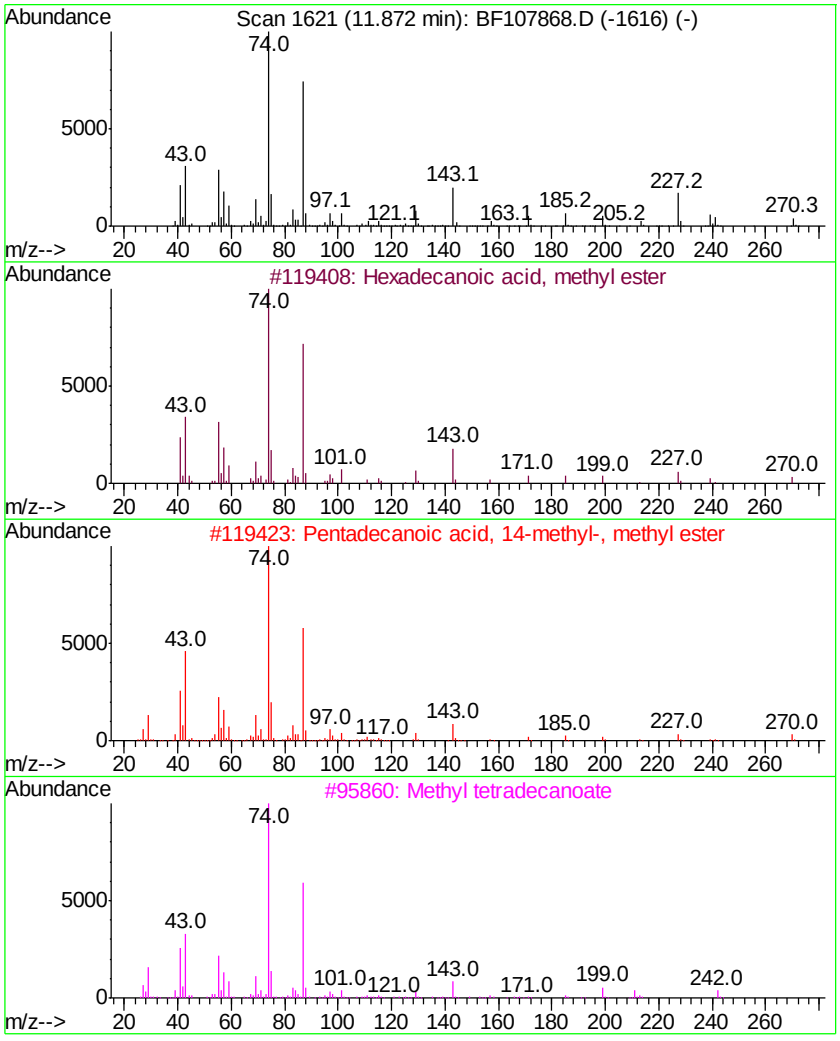
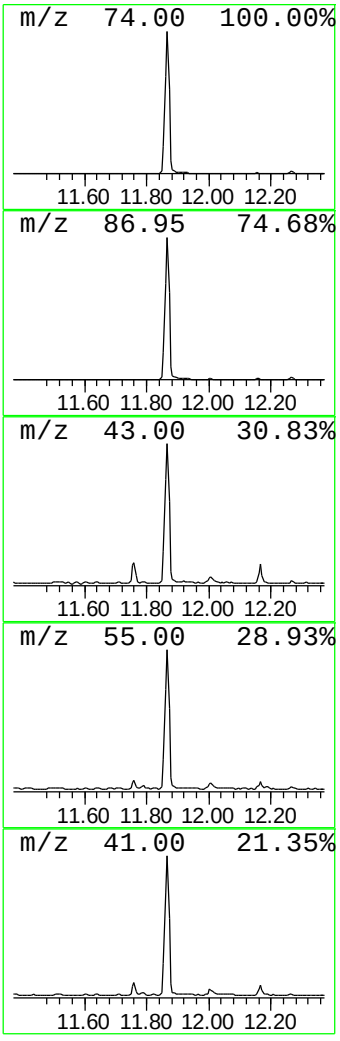
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	74.42 ng	4480950	Phenanthrene-d10	11.50

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	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





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Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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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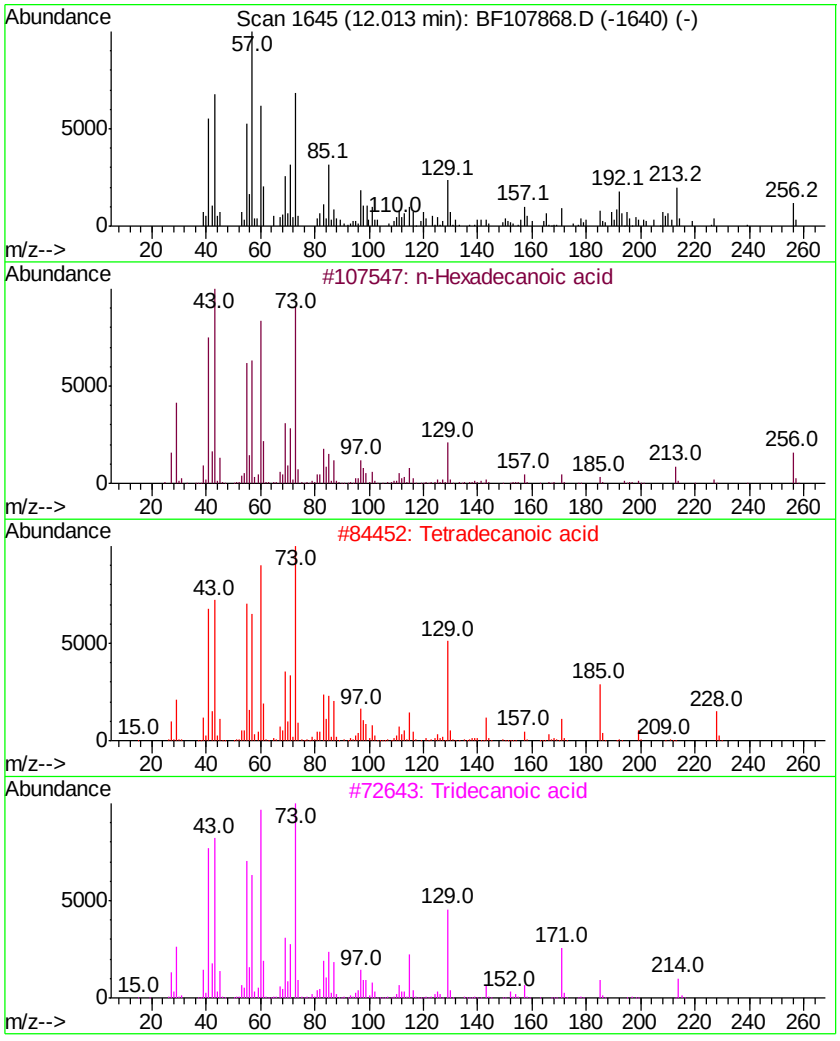
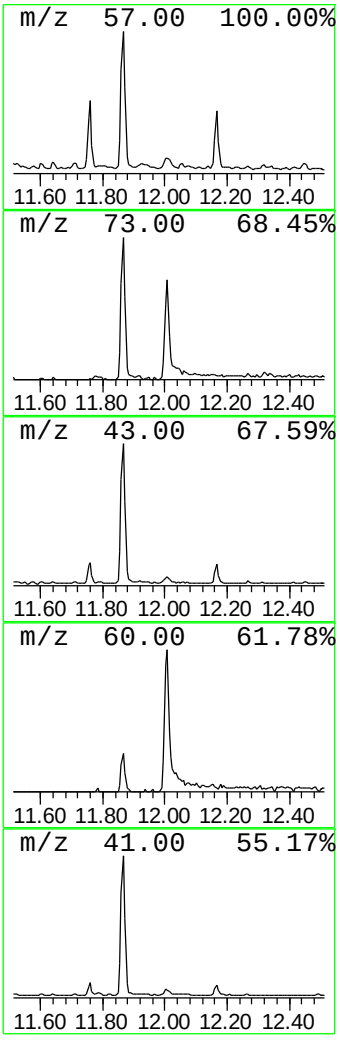
Peak Number 10 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.87 ng	293045	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

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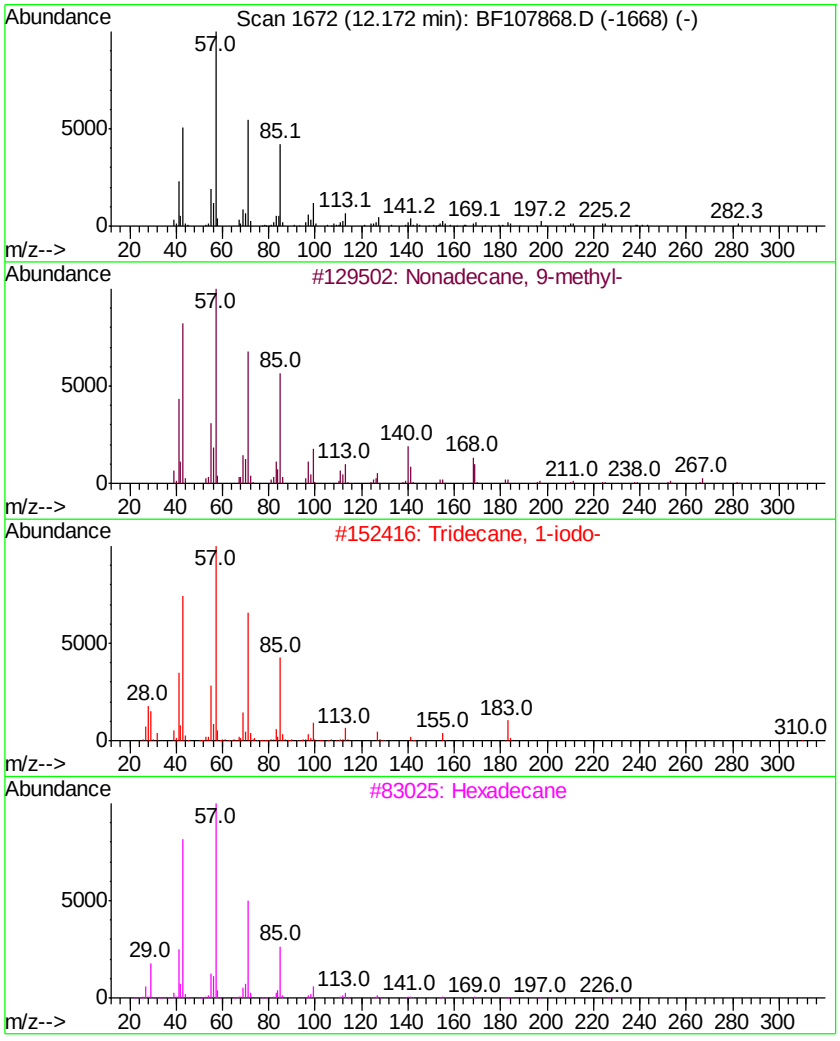
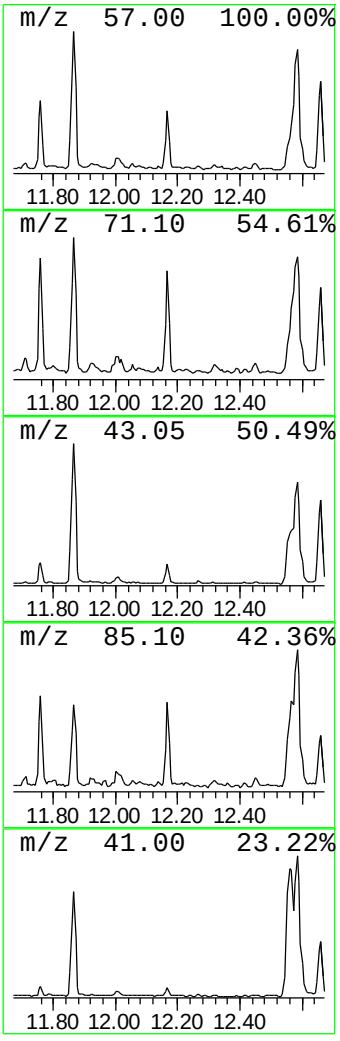
Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	4.04 ng	243239	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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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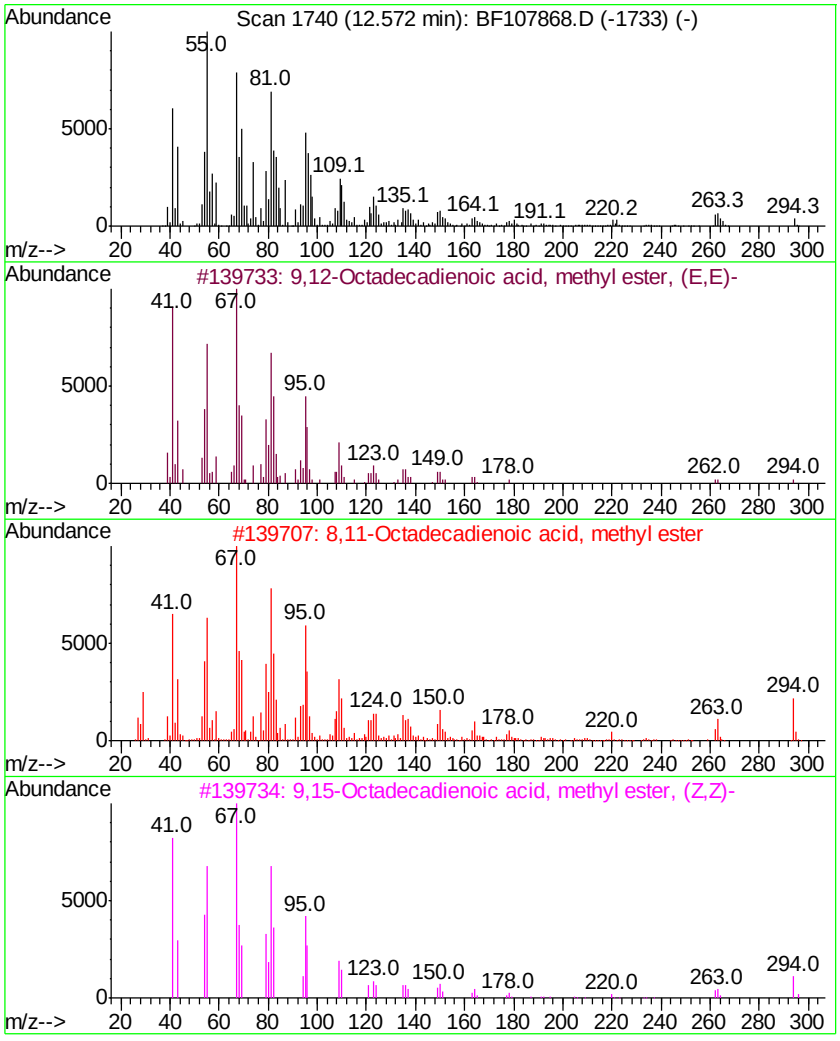
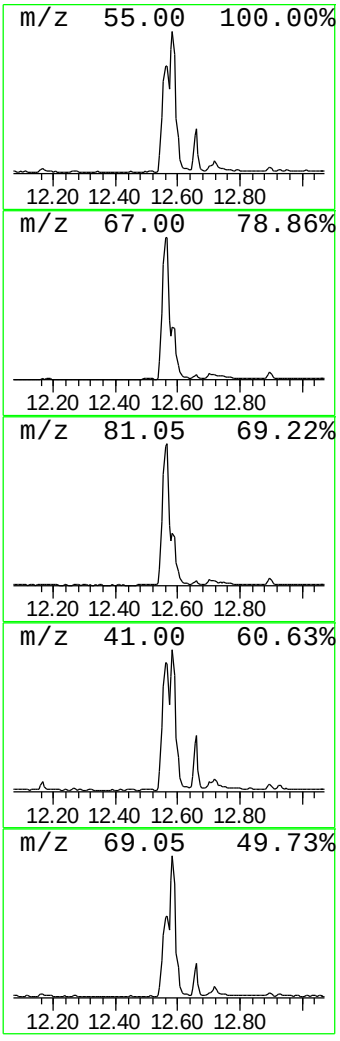
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	152.62 ng	9190040	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





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Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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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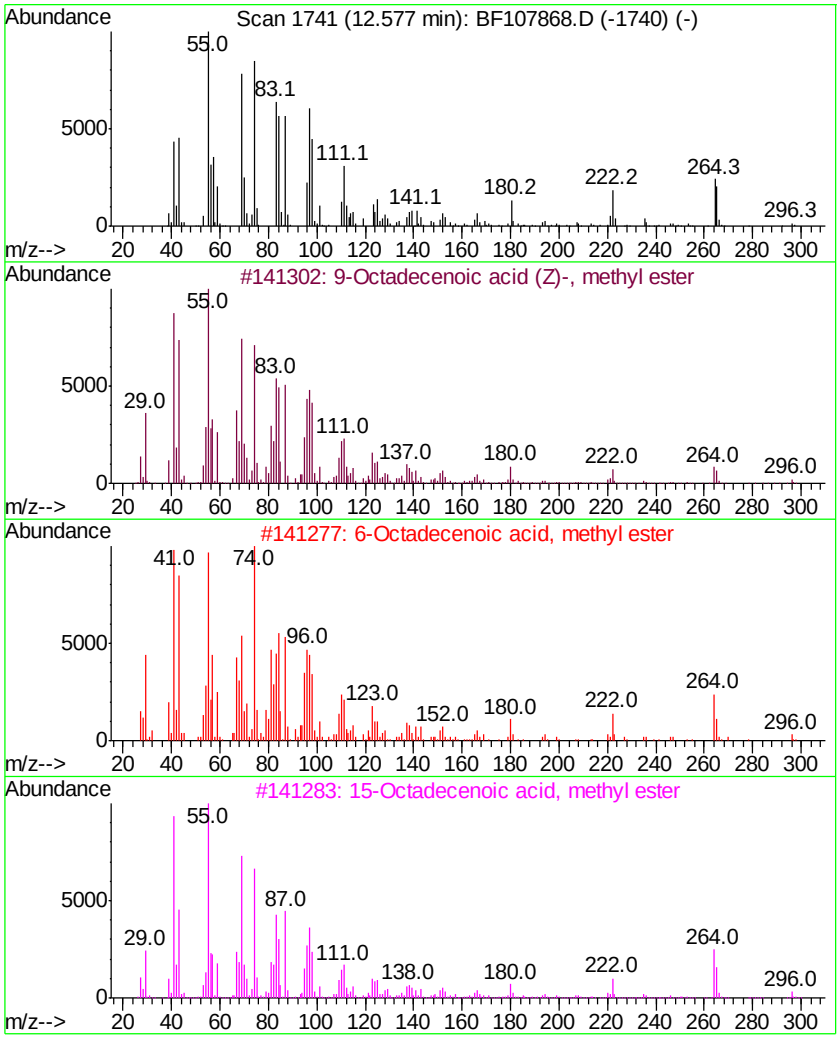
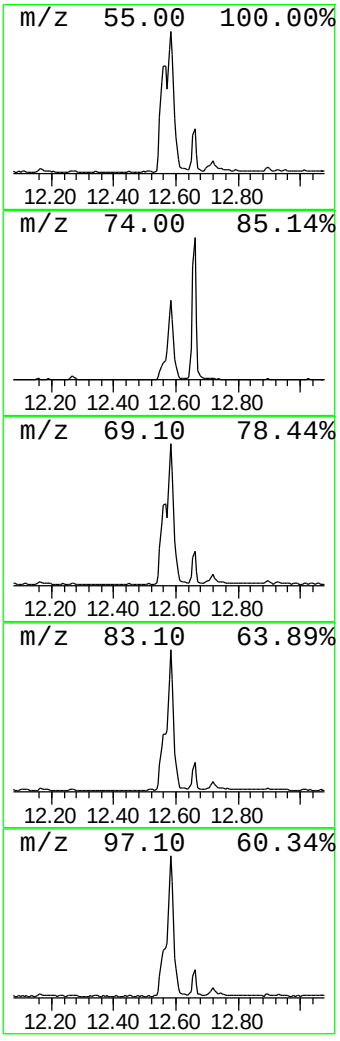
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	134.10 ng	8074680	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	92
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	89
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	89
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74





Library Search Compound Report

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Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : NB-08-073018-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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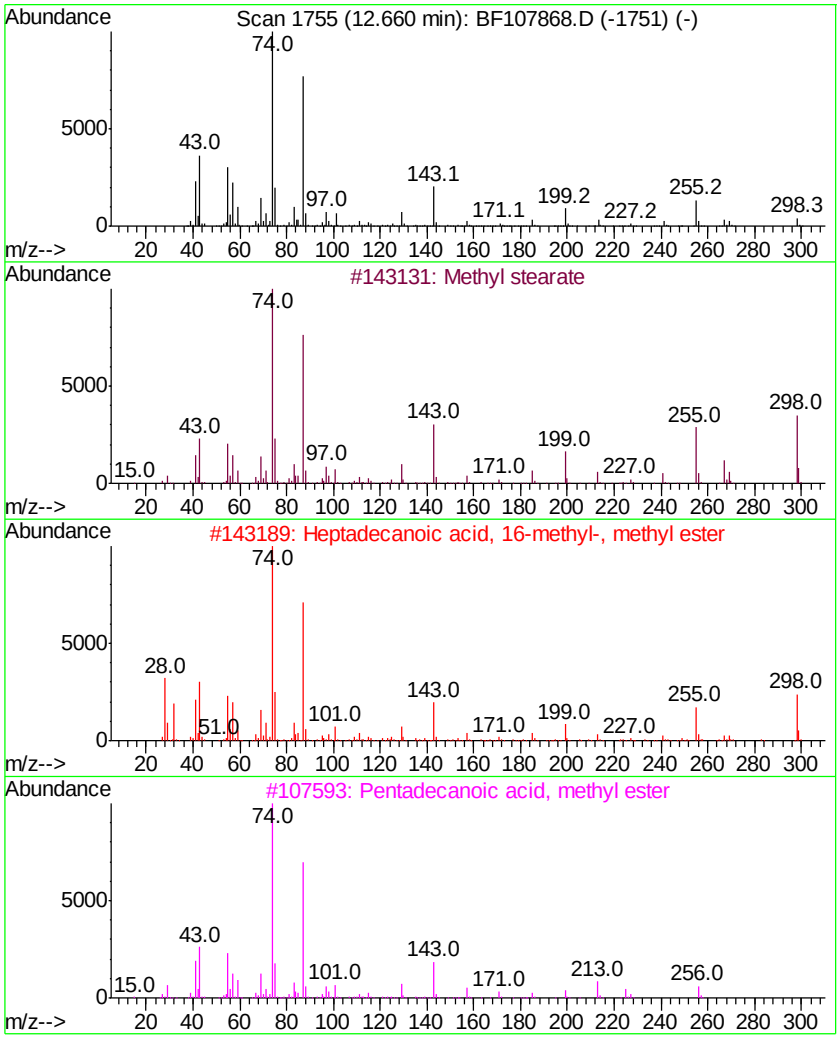
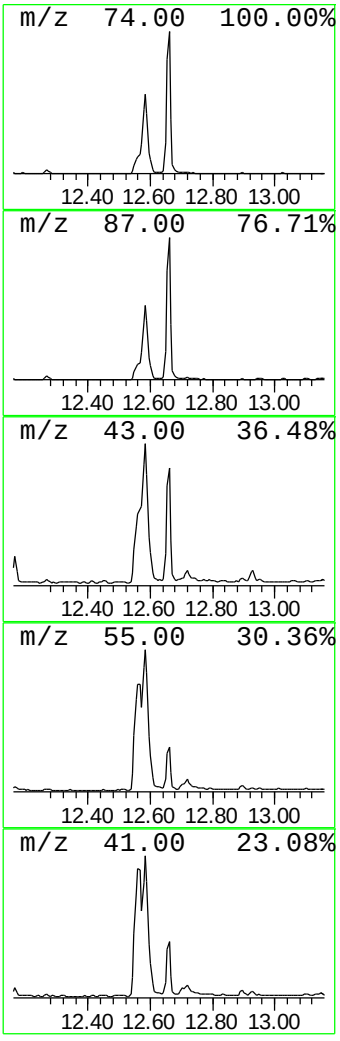
Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	38.61 ng	2325010	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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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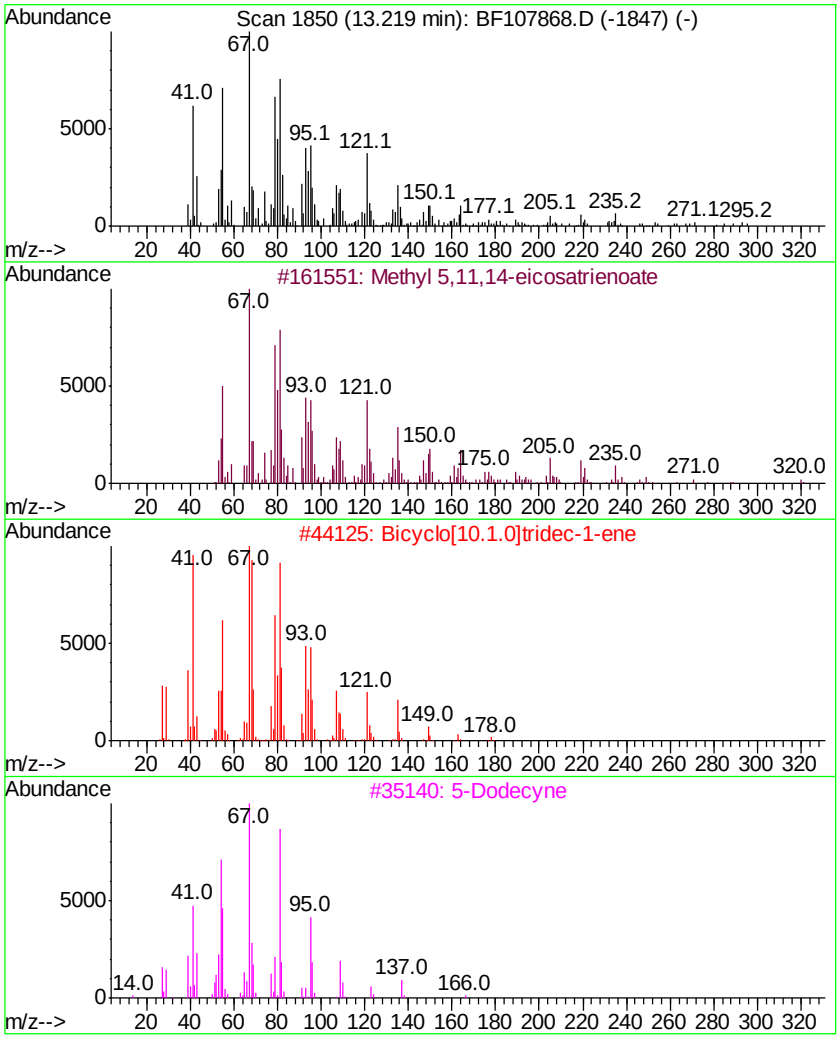
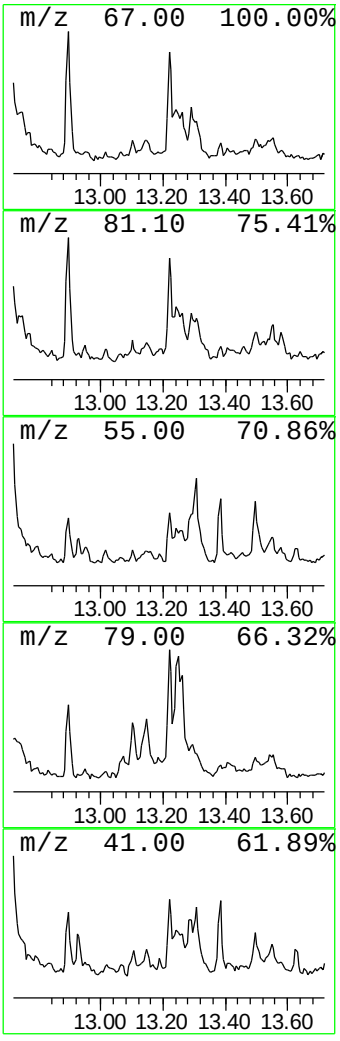
Peak Number 15 Methyl 5,11,14-eicosatrienoate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.87 ng	275590	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	90
3	5-Dodecyne	166	C12H22	019780-12-2	78
4	4-Tetradecyne	194	C14H26	060212-33-1	60
5	5-Undecyne	152	C11H20	002294-72-6	55





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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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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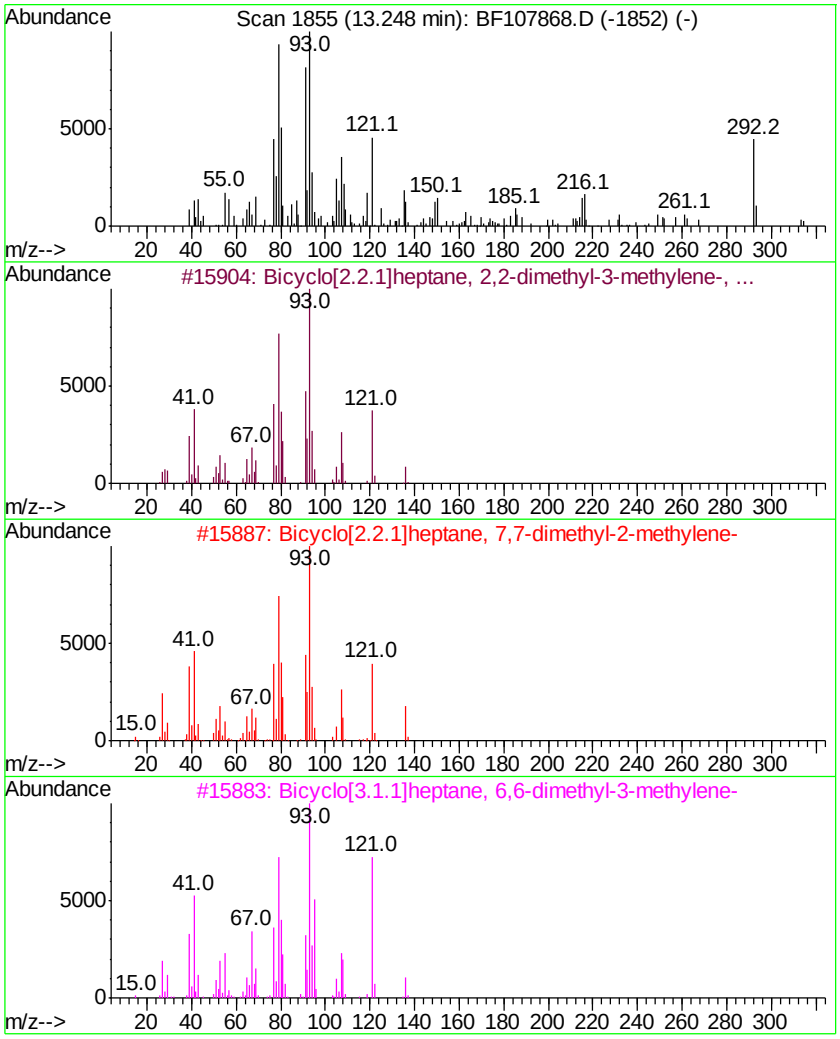
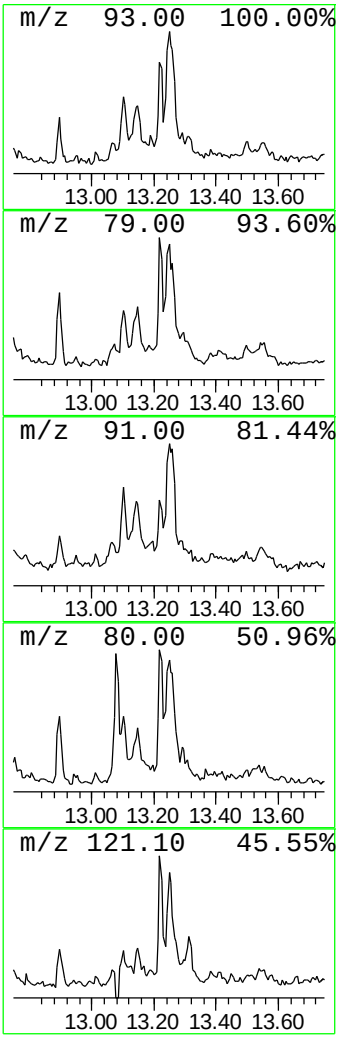
Peak Number 16 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.71 ng	264420	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	90
2	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	81
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	81
4	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	64
5	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	55





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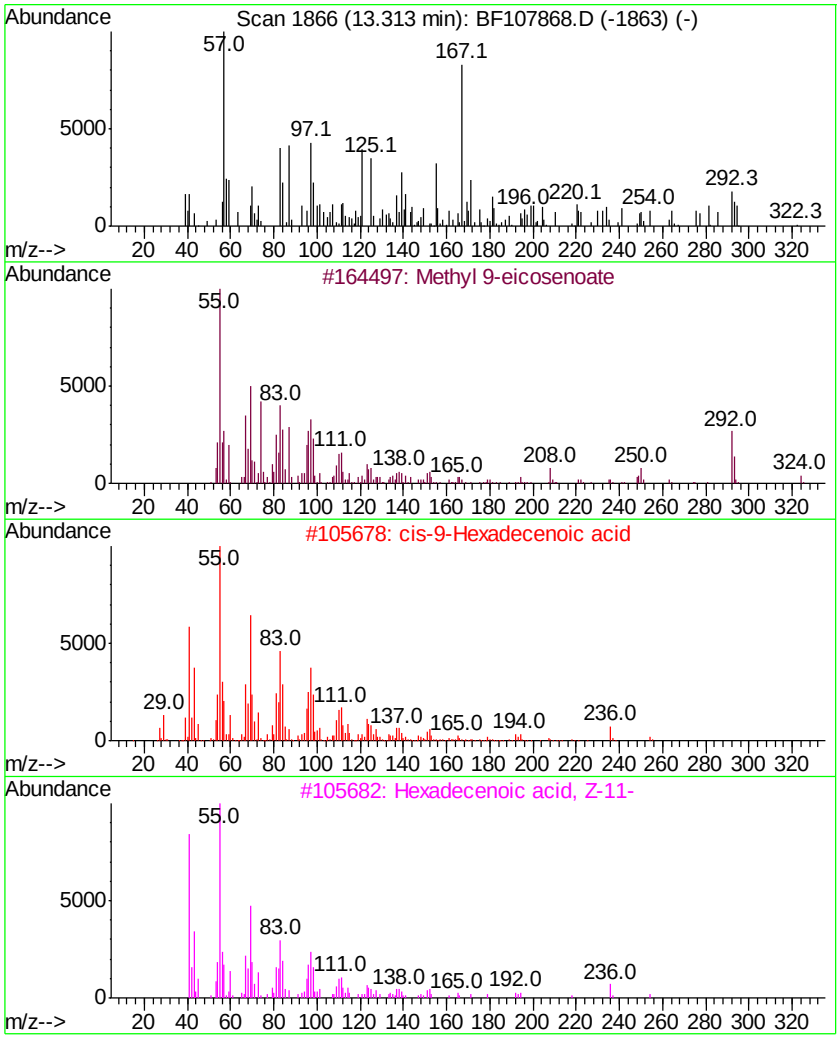
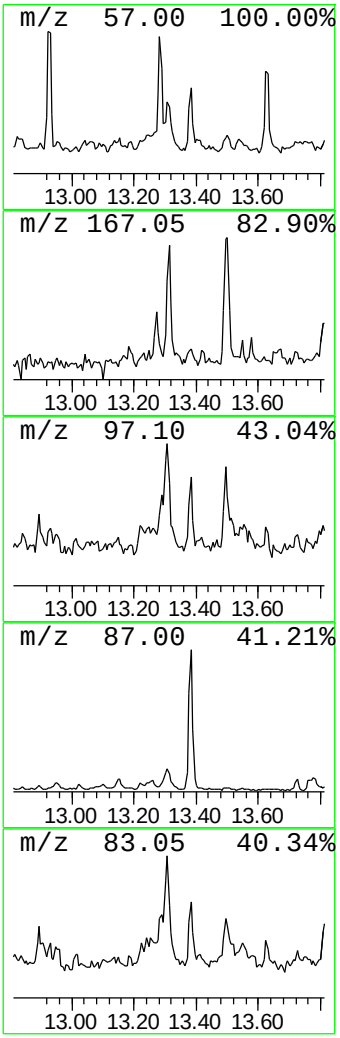
Peak Number 17 Methyl 9-eicosenoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	5.27 ng	375138	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	59
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	53
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53
4	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	53
5	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	52





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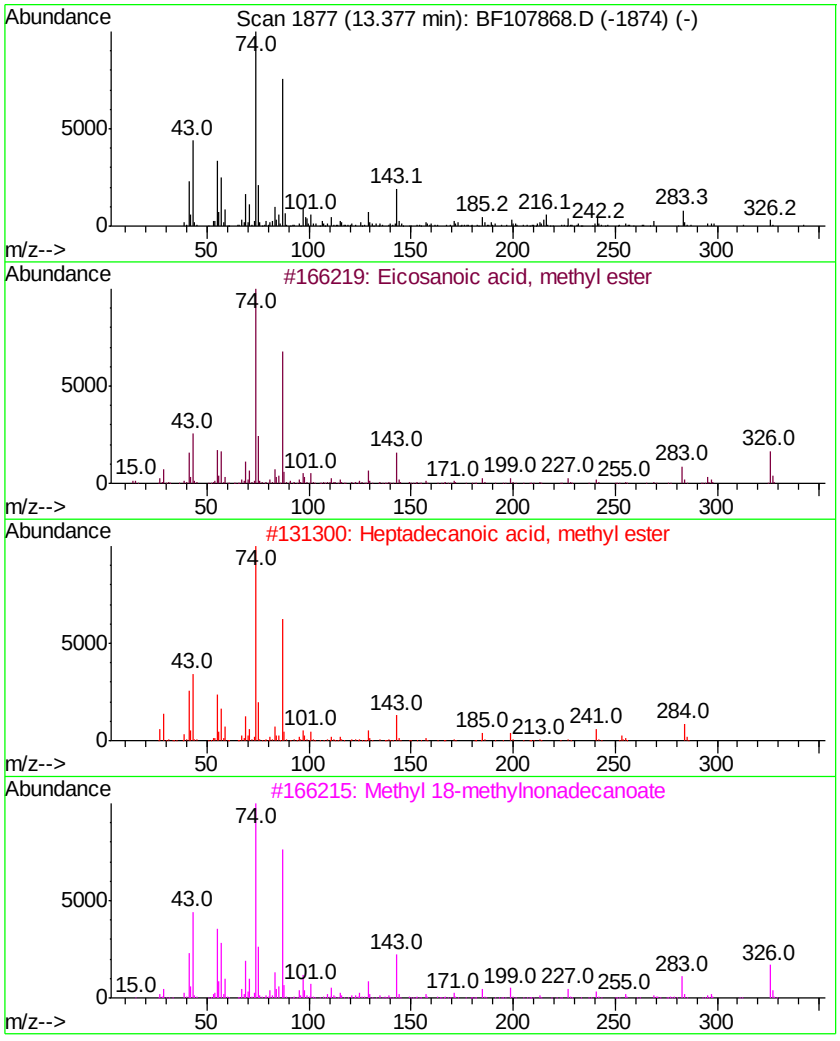
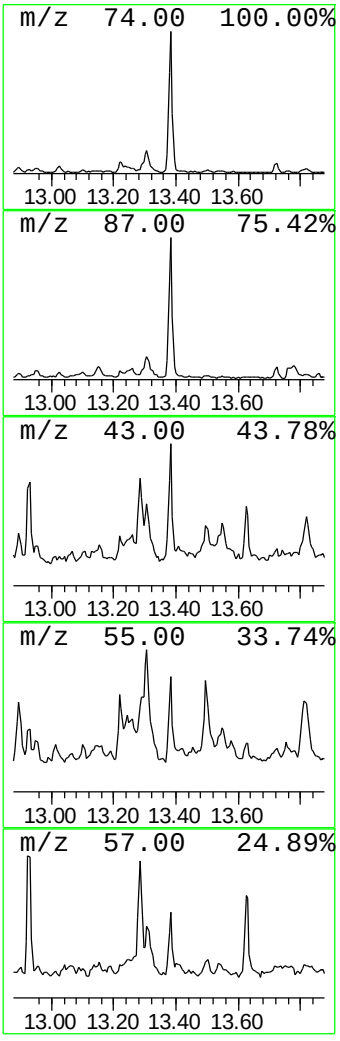
Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	5.09 ng	362449	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	96
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	96
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
5	Methyl stearate	298	C19H38O2	000112-61-8	93





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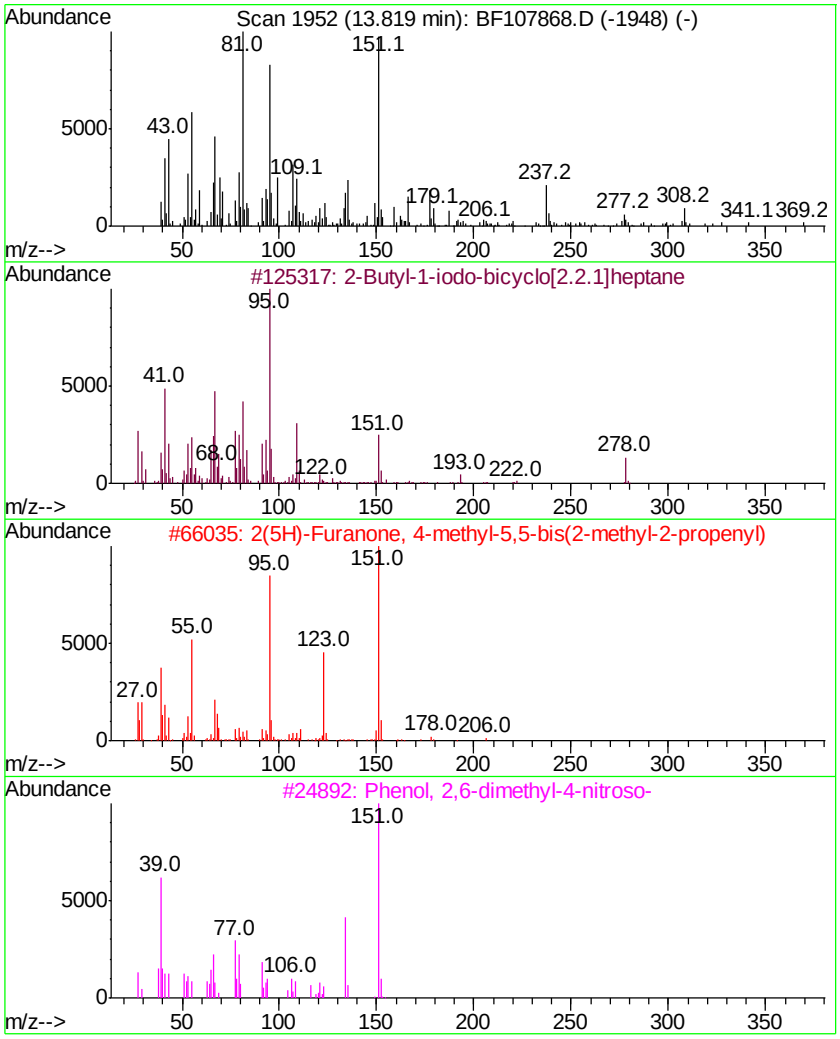
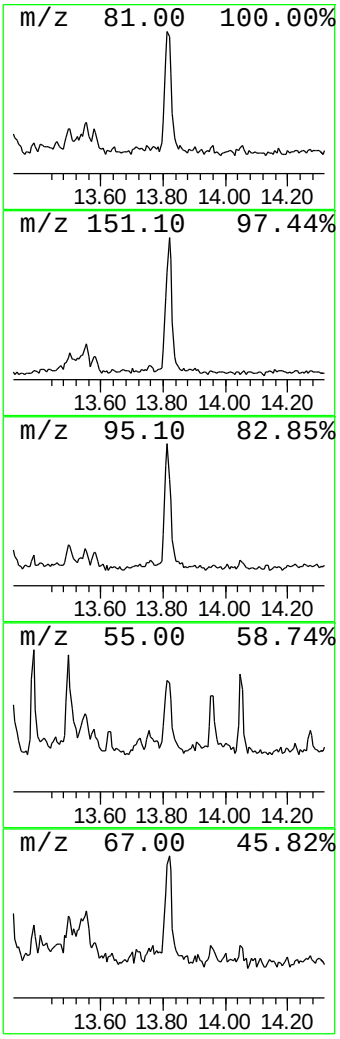
Peak Number 19 unknown13.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.55 ng	466247	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	38
2	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	30
3	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	25
4	4-Amino-2,1,3-benzothiadiazole	151	C6H5N3S	000767-64-6	25
5	Butyric acid, 2-(3-oxo-3H-benzo[...	237	C11H11NO3S	1000316-00-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-B

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

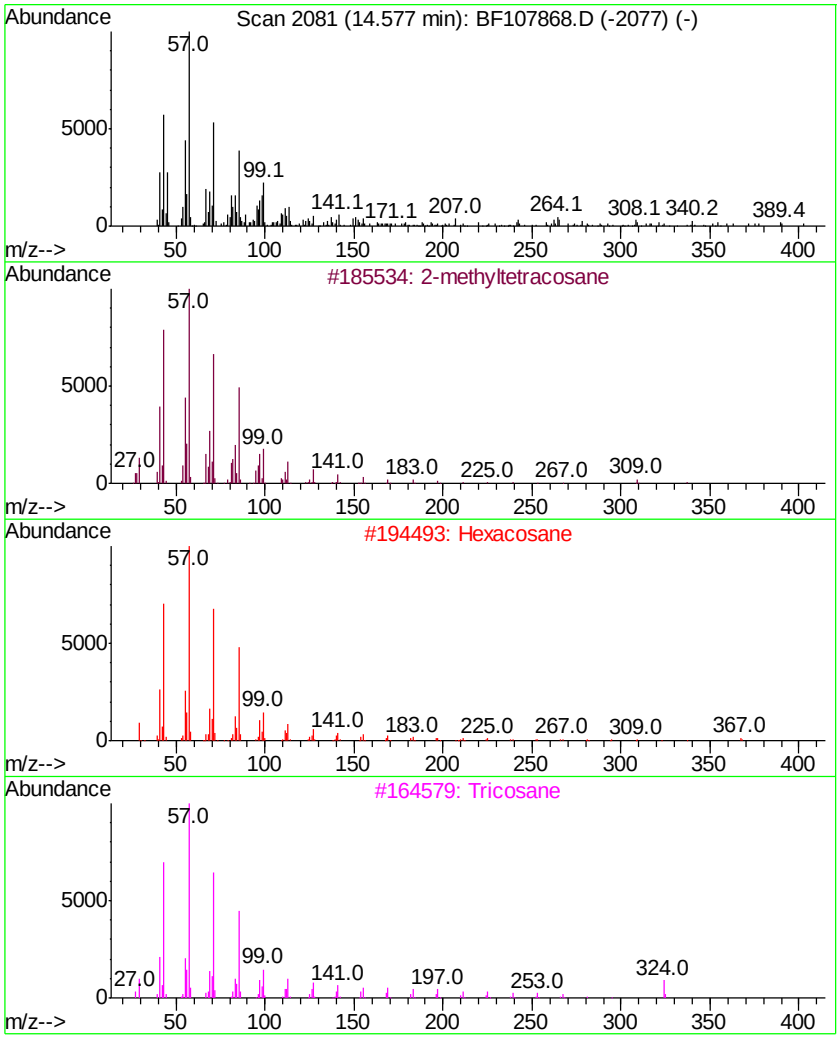
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

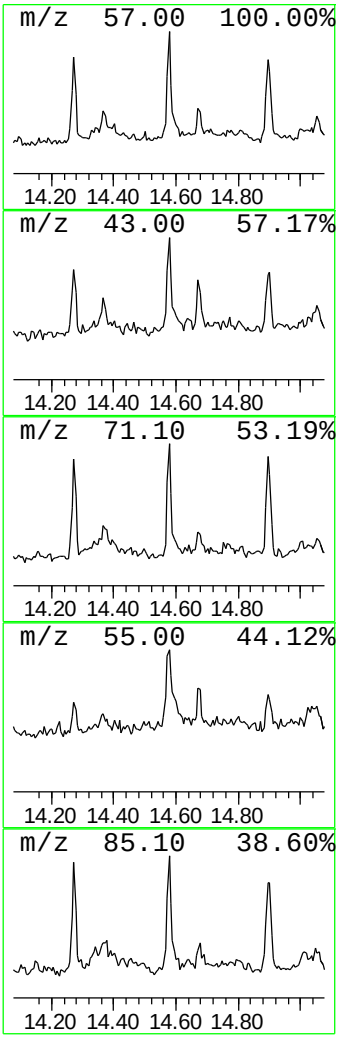
****

Peak Number 20 2-methyltetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.87 ng	275869	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	76
2	Hexacosane	366	C26H54	000630-01-3	76
3	Tricosane	324	C23H48	000638-67-5	70
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	70
5	Hexadecane	226	C16H34	000544-76-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-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
2-Pentanone, 4-hy...	5.18	4.7	ng	227493	1	6.96	962944	20.0
unknown6.74	6.74	29.3	ng	1410600	1	6.96	962944	20.0
Hexadecane	9.91	4.0	ng	260561	3	10.00	1309930	20.0
5-Ethyldecane	10.41	5.3	ng	346848	3	10.00	1309930	20.0
Heneicosane	10.88	8.3	ng	501790	4	11.50	1204300	20.0
Tridecane, 1-iodo-	11.33	5.5	ng	334159	4	11.50	1204300	20.0
Heptadecane	11.76	4.7	ng	283349	4	11.50	1204300	20.0
Hexadecanoic acid...	11.87	74.4	ng	4480950	4	11.50	1204300	20.0
n-Hexadecanoic acid	12.01	4.9	ng	293045	4	11.50	1204300	20.0
Nonadecane, 9-met...	12.17	4.0	ng	243239	4	11.50	1204300	20.0
9,12-Octadecadien...	12.57	152.6	ng	9190040	4	11.50	1204300	20.0
9-Octadecenoic ac...	12.58	134.1	ng	8074680	4	11.50	1204300	20.0
Methyl stearate	12.66	38.6	ng	2325010	4	11.50	1204300	20.0
Methyl 5,11,14-ei...	13.22	3.9	ng	275590	5	14.15	1424100	20.0
Bicyclo[2.2.1]hep...	13.25	3.7	ng	264420	5	14.15	1424100	20.0
Methyl 9-eicosenoate	13.31	5.3	ng	375138	5	14.15	1424100	20.0
Eicosanoic acid, ...	13.38	5.1	ng	362449	5	14.15	1424100	20.0
unknown13.82	13.82	6.5	ng	466247	5	14.15	1424100	20.0
2-methyltetracosane	14.58	3.9	ng	275869	5	14.15	1424100	20.0