LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.134	3	8	18	rVB	708148	959897	6.52%	1.376%
2	5.492	574	579	582	rBV	3599154	3573850	24.27%	5.123%
3	6.504	745	751	757	rBV	3311516	3541162	24.05%	5.076%
4	6.645	770	775	778	rBV	3540964	3530512	23.98%	5.061%
5	6.869	810	813	817	rBV	1037685	947985	6.44%	1.359%
6	7.028	836	840	844	rBV	2987208	2623919	17.82%	3.761%
7	7.433	905	909	912	rBV	2363375	2306046	15.66%	3.306%
8	8.127	1024	1027	1029	rBV	229903	215070	1.46%	0.308%
9	8.157	1029	1032	1035	rVV	1431601	1296353	8.80%	1.858%
10	8.739	1128	1131	1135	rBV	421855	339987	2.31%	0.487%
11	9.227	1210	1214	1218	rBV	3636296	3325201	22.58%	4.767%
12	9.304	1223	1227	1230	rBV	601554	503309	3.42%	0.722%
13	9.621	1277	1281	1283	rVV	590033	580278	3.94%	0.832%
14	9.833	1313	1317	1320	rVB	740816	589818	4.01%	0.846%
15	9.910	1326	1330	1334	rVB	1554677	1327199	9.01%	1.903%
16	10.151	1368	1371	1376	rBV2	161776	199458	1.35%	0.286%
17	10.333	1399	1402	1405	rVB	799638	617597	4.19%	0.885%
18	10.551	1434	1439	1441	rBV	228504	272224	1.85%	0.390%
19	10.698	1461	1464	1469	rVB	1946566	1800126	12.23%	2.581%
20	10.804	1479	1482	1491	rVB	791978	812661	5.52%	1.165%
21	11.251	1555	1558	1561	rBV	641167	501472	3.41%	0.719%
22	11.280	1561	1563	1569	rVB	198458	230434	1.57%	0.330%
23	11.398	1579	1583	1586	rBV	1185908	1110459	7.54%	1.592%
24	11.680	1627	1631	1633	rBV	447539	371881	2.53%	0.533%
25	11.786	1644	1649	1652	rBV	6021753	6118099	41.55%	8.770%
26	11.921	1668	1672	1679	rBV2	215235	294380	2.00%	0.422%
27	12.086	1697	1700	1709	rVB	373599	388193	2.64%	0.556%
28	12.486	1761	1768	1770	rBV	6934711	14723474	100.00%	21.106%
29	12.510	1770	1772	1776	rVV2	6931194	7457997	50.65%	10.691%
30	12.574	1780	1783	1787	rVV	3344172	2937757	19.95%	4.211%
31	12.627	1790	1792	1800	rVB	133427	177943	1.21%	0.255%
32	12.845	1826	1829	1832	rBV	189848	154819	1.05%	0.222%
33	12.980	1848	1852	1856	rBV	2251683	2094872	14.23%	3.003%
34	13.215	1891	1892	1898	rVB	217664	200463	1.36%	0.287%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.298	1902	1906	1909	rBV	279286	259834	1.76%	0.372%
36	13.862	1999	2002	2006	rBV	292917	288585	1.96%	0.414%
37	13.962	2016	2019	2022	rBV	308521	252825	1.72%	0.362%
38	14.033	2027	2031	2035	rVV	926220	844430	5.74%	1.211%
39	14.474	2102	2106	2114	rBV4	167558	345278	2.35%	0.495%
40	14.915	2177	2181	2190	rVB	519724	784617	5.33%	1.125%
41	15.509	2277	2282	2287	rBV	643767	858185	5.83%	1.230%

Sum of corrected areas: 69758649

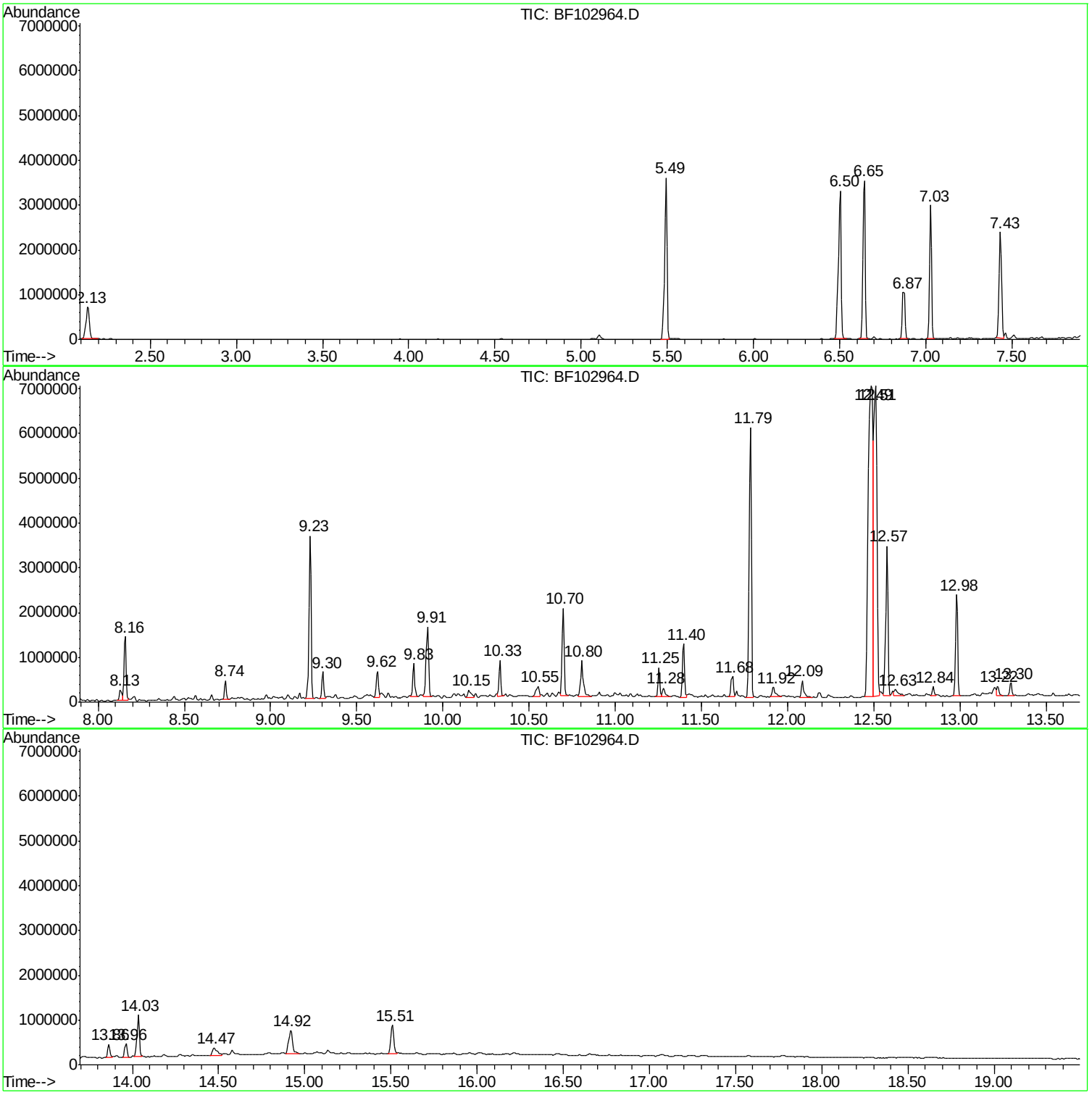
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

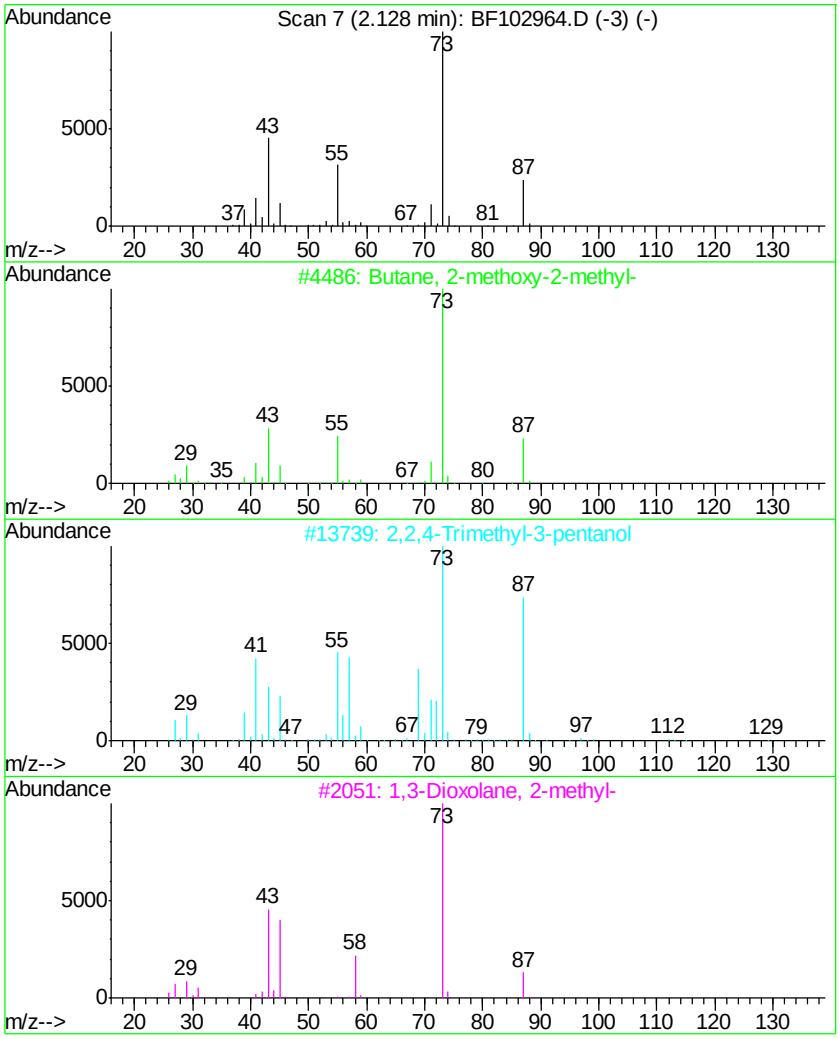
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

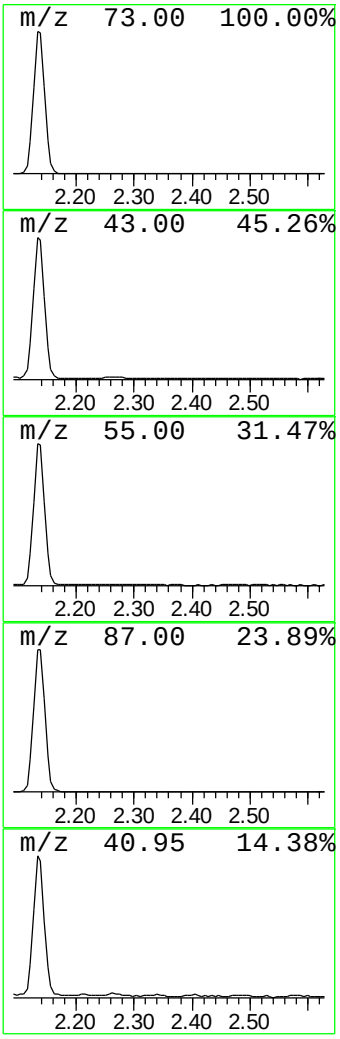
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	20.25 ng	959897	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

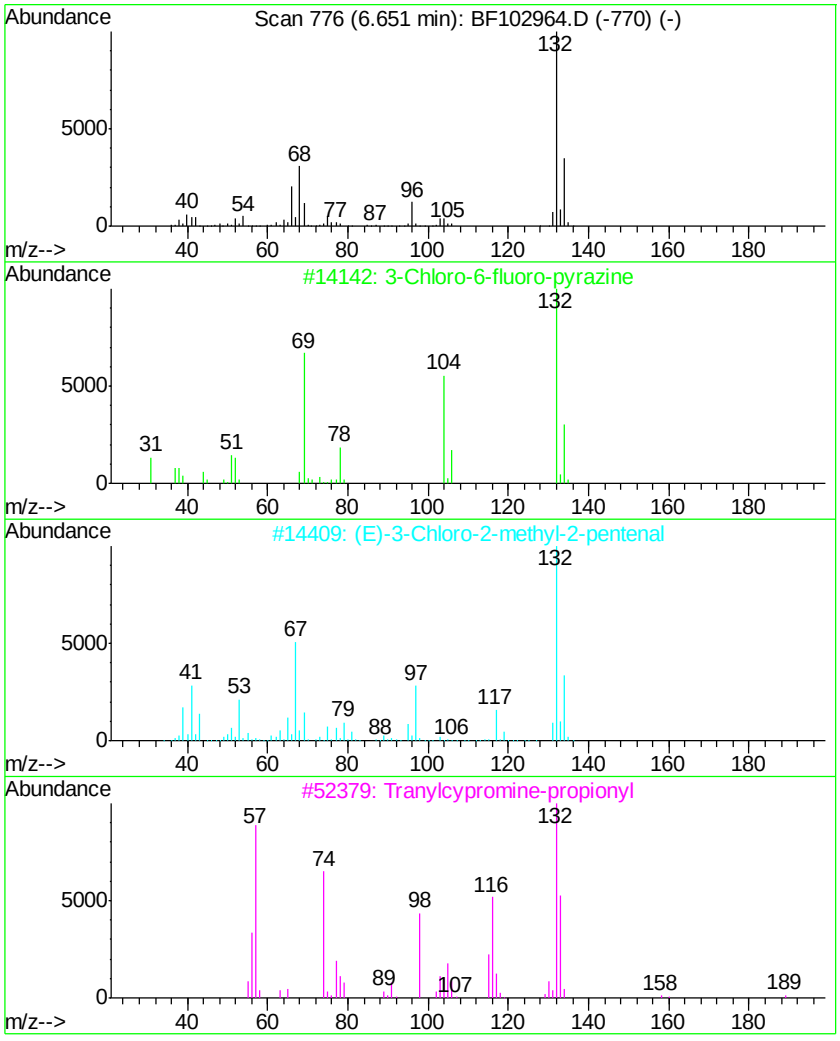
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

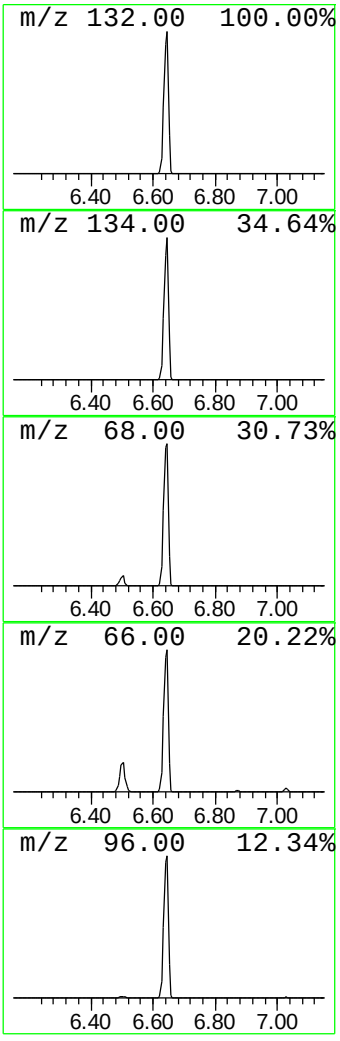
****

Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	74.48 ng	3530510	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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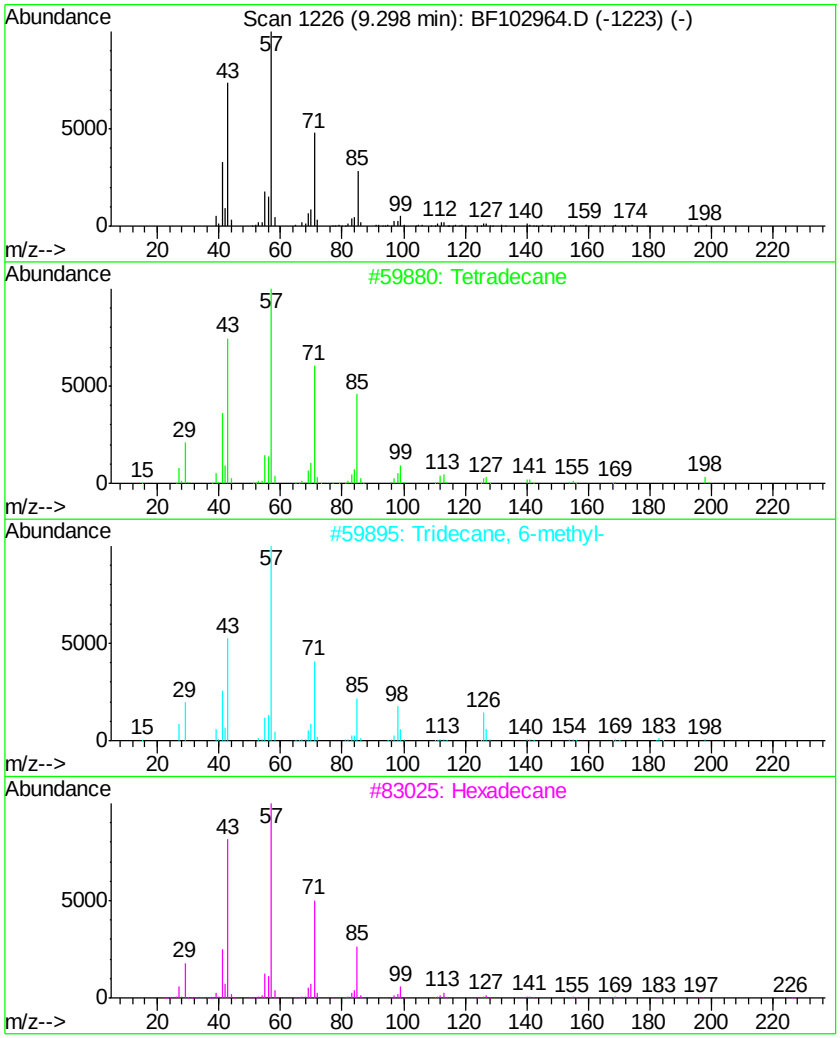
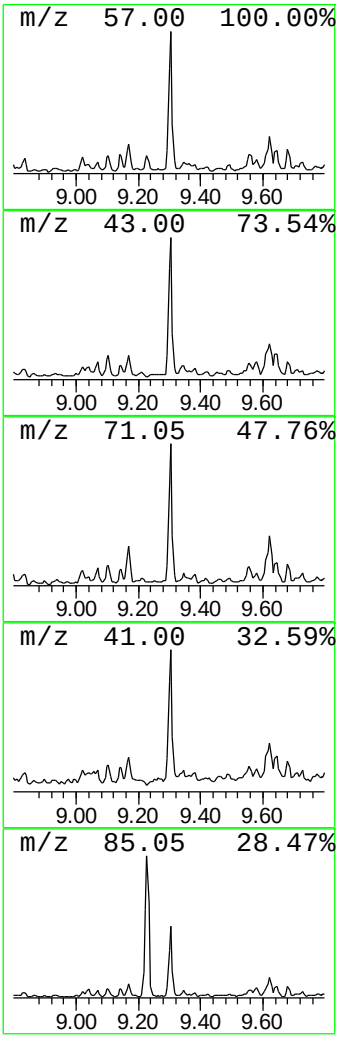
Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	7.58 ng	503309	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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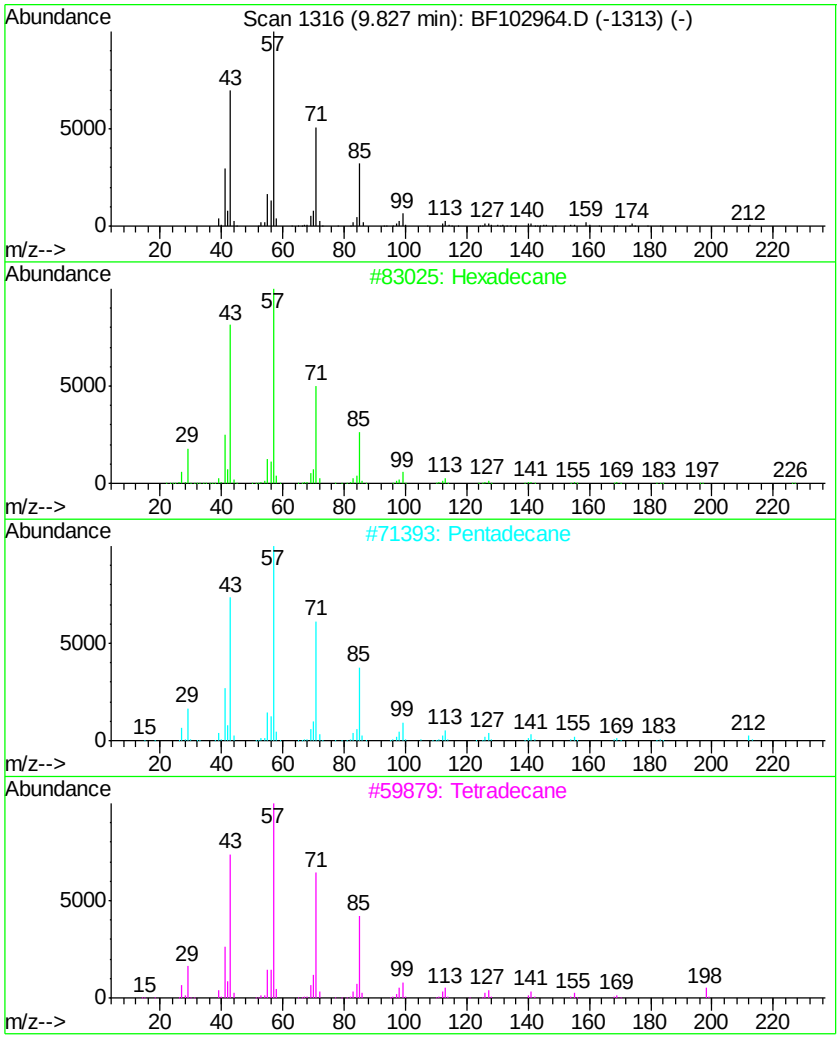
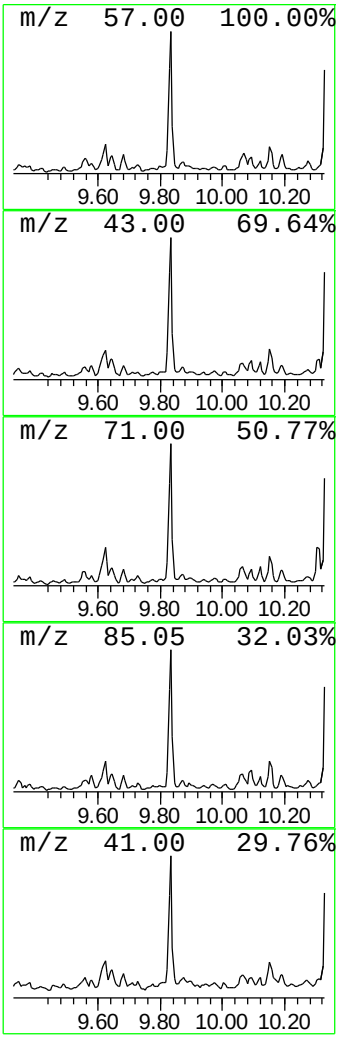
Peak Number 5 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	8.89 ng	589818	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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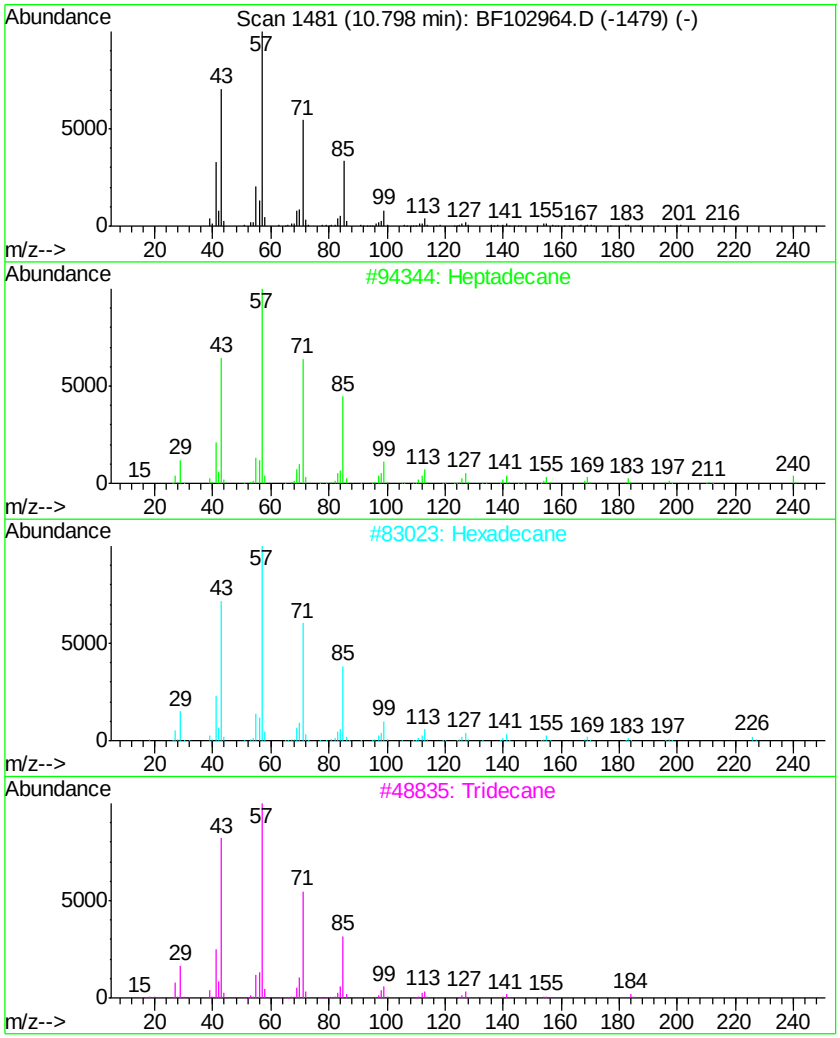
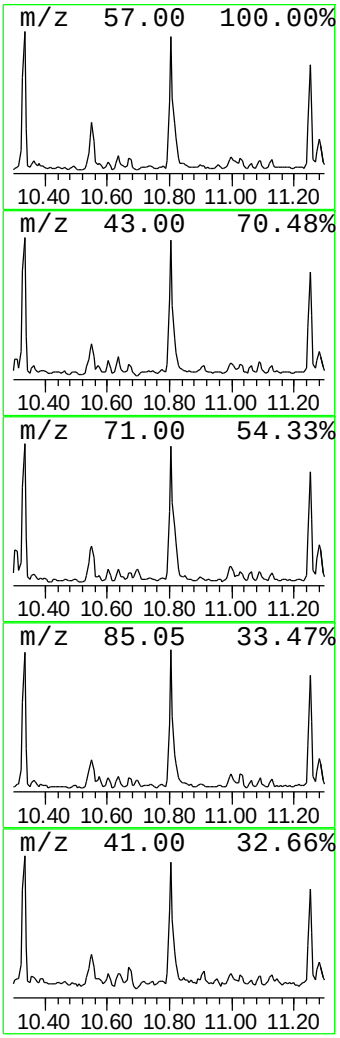
Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	14.64 ng	812661	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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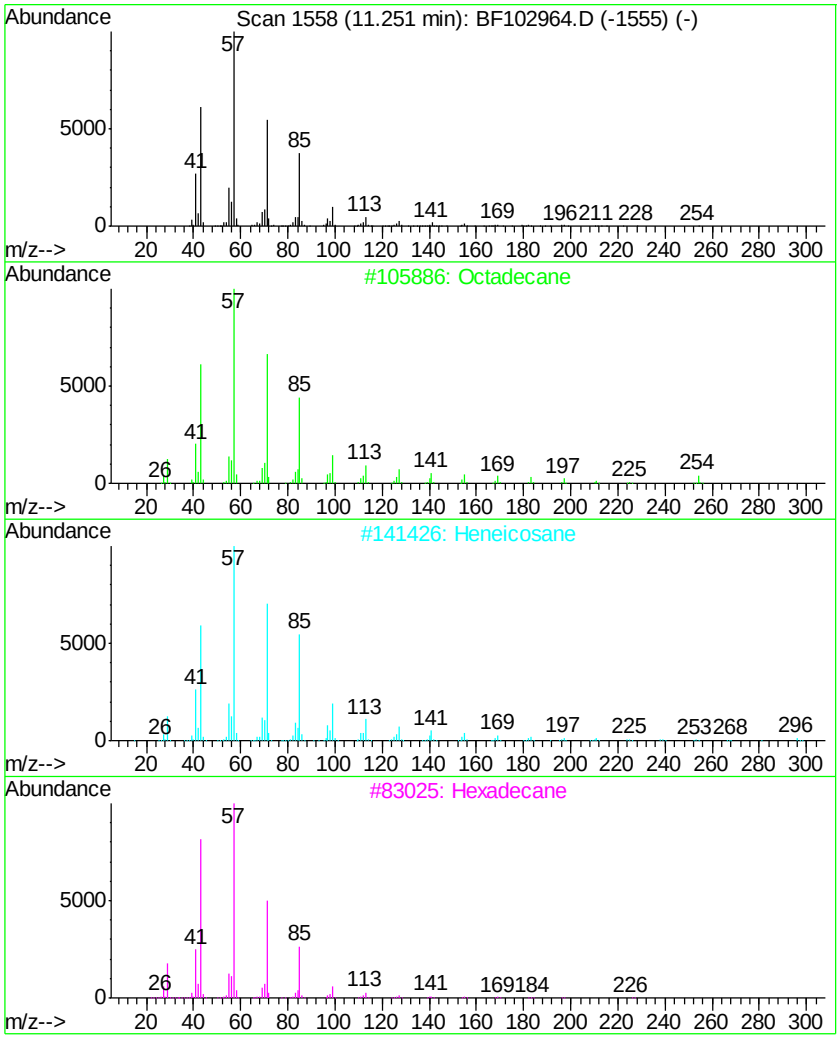
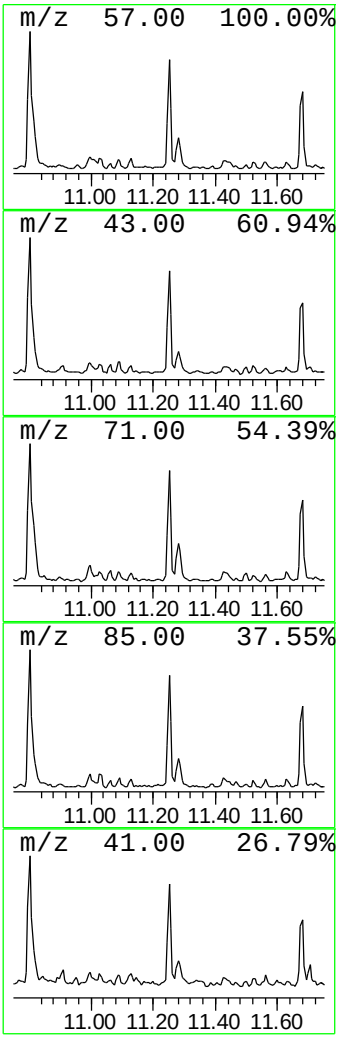
Peak Number 8 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	9.03 ng	501472	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Undecane	156	C11H24	001120-21-4	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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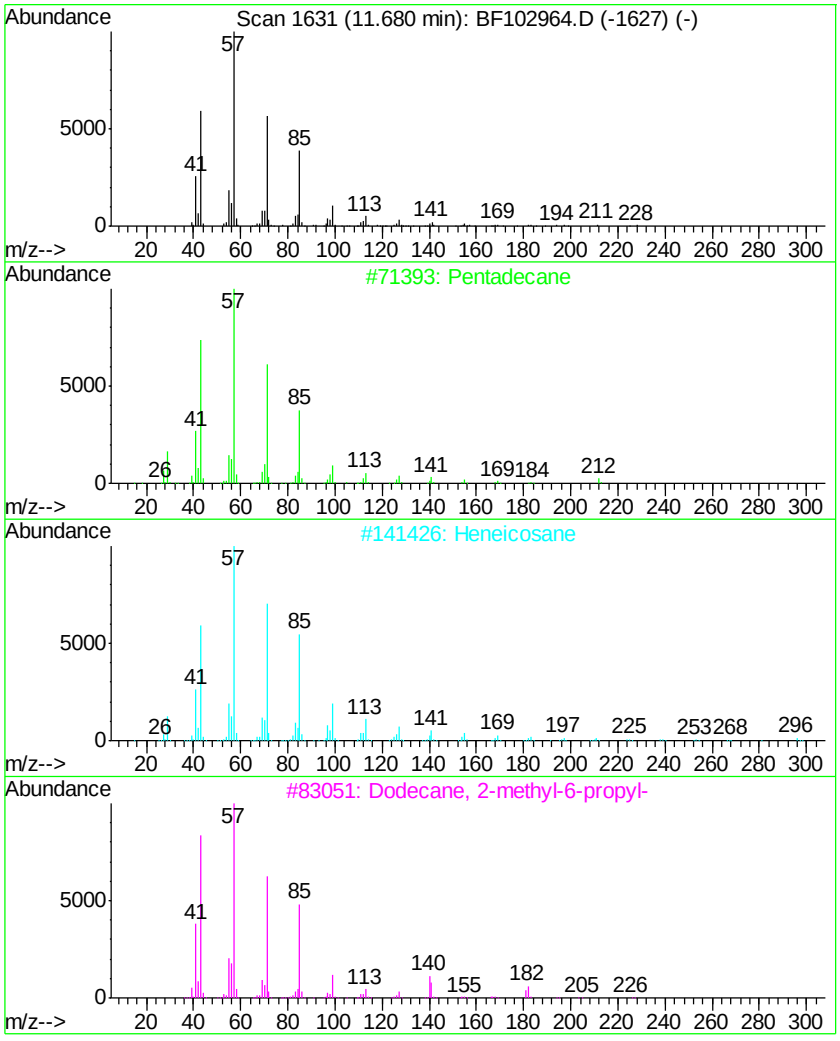
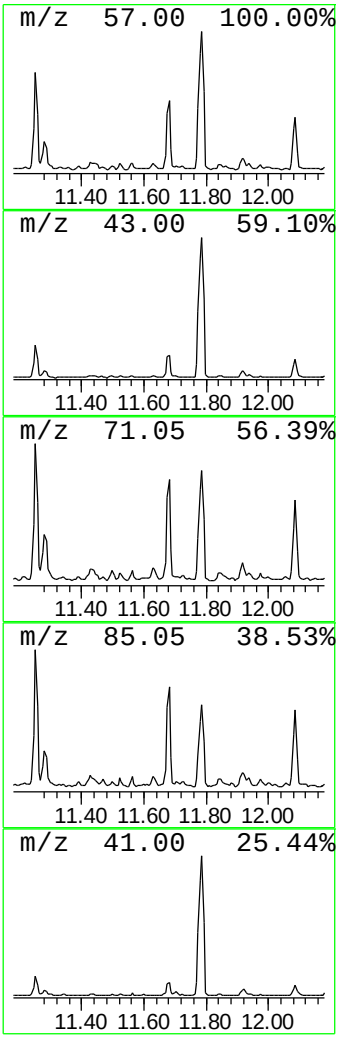
Peak Number 9 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	6.70 ng	371881	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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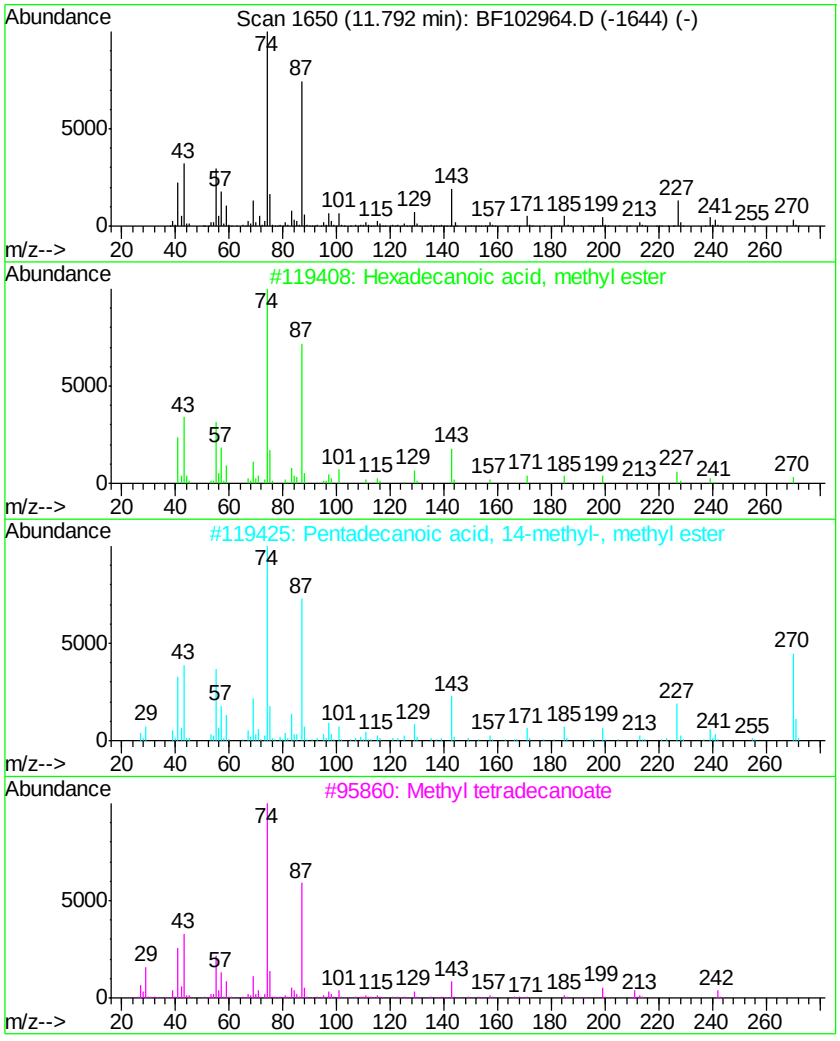
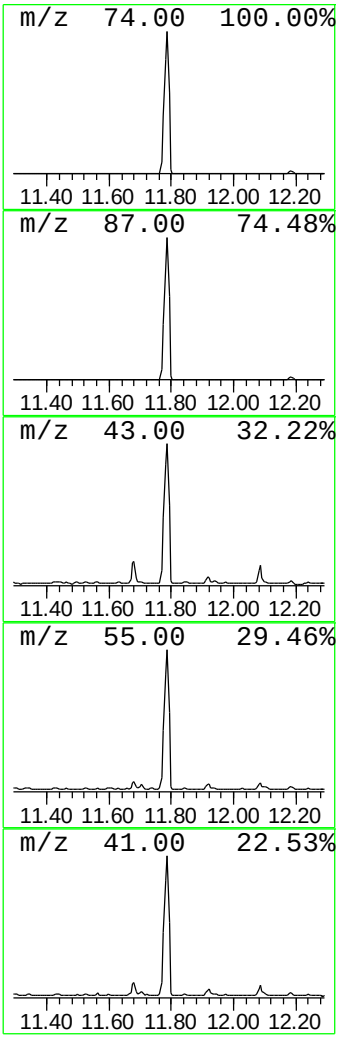
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	110.19 ng	6118100	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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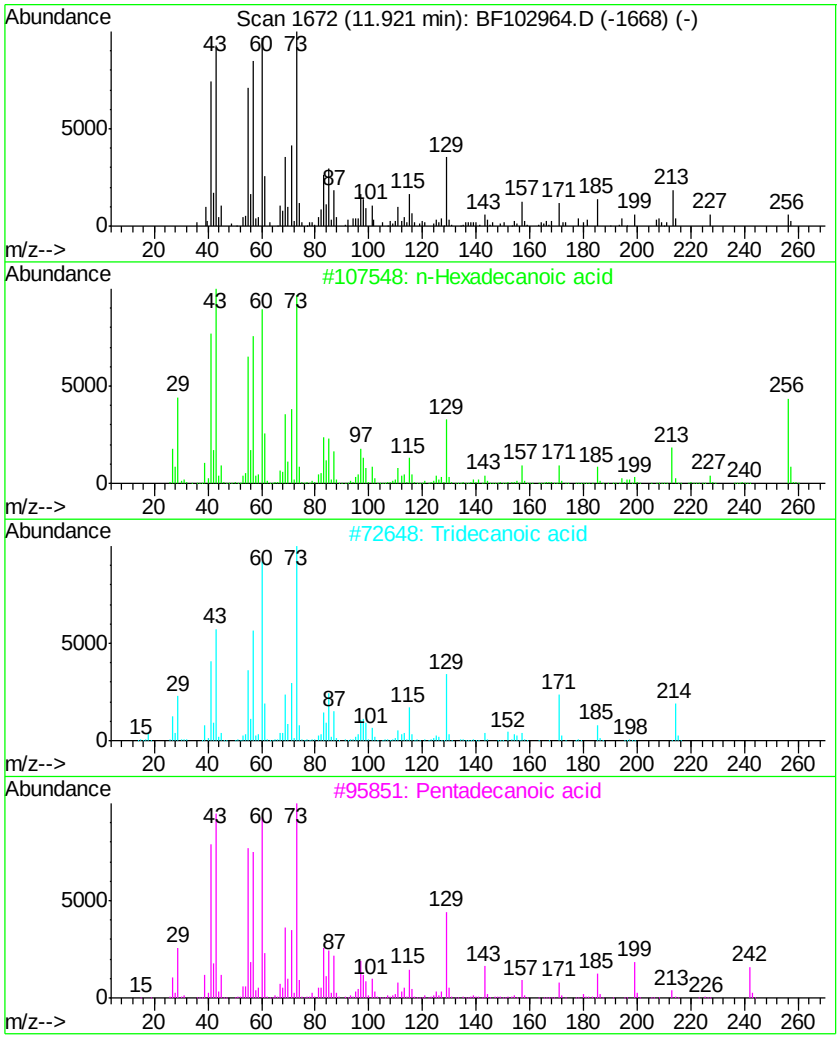
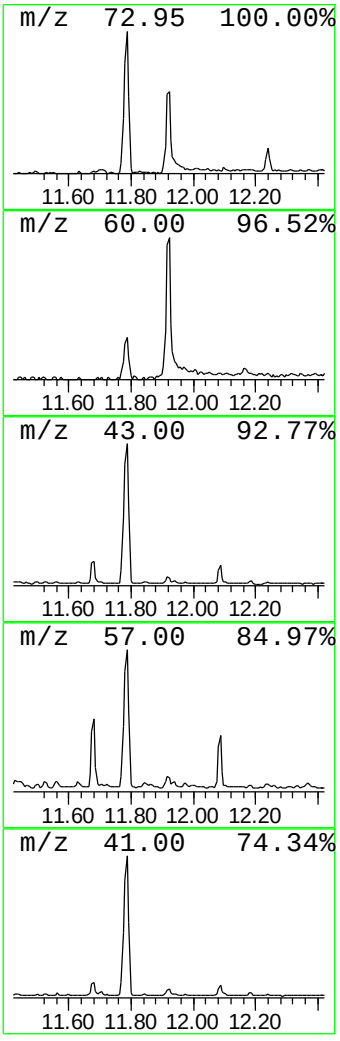
Peak Number 11 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.30 ng	294380	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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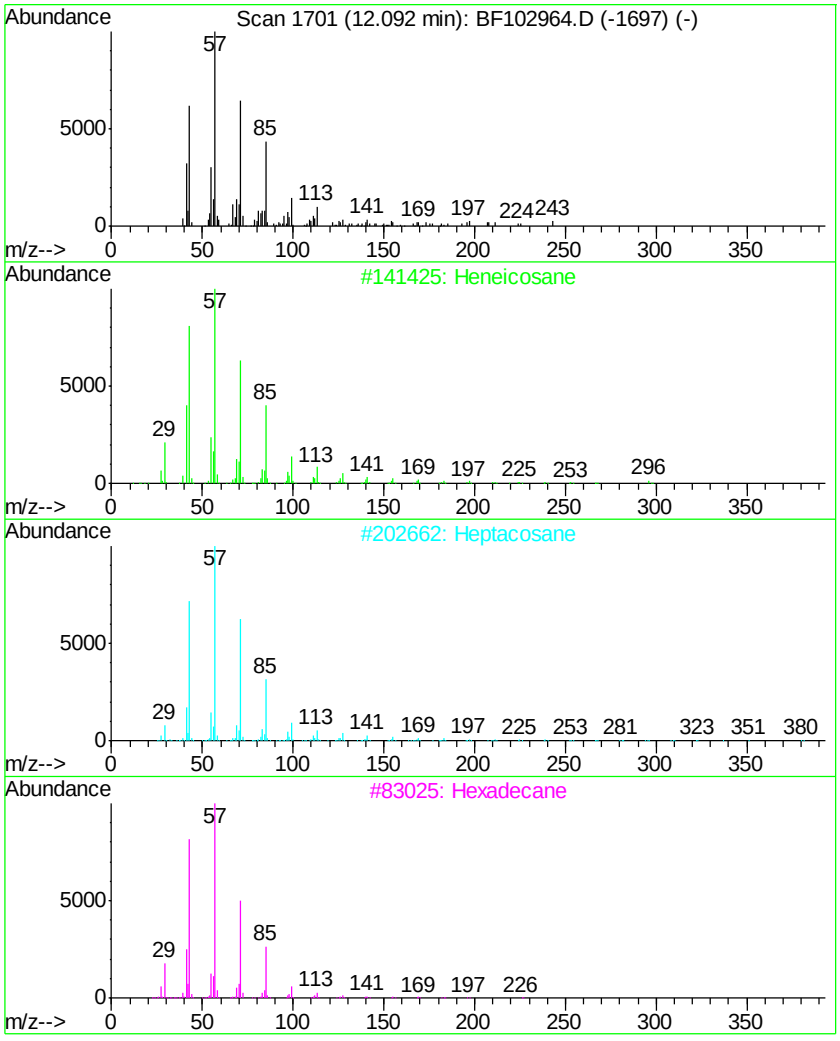
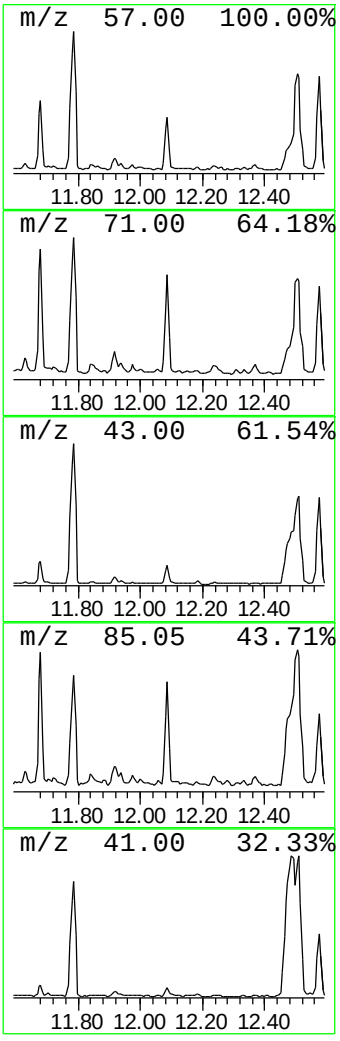
Peak Number 12 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.99 ng	388193	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	87





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Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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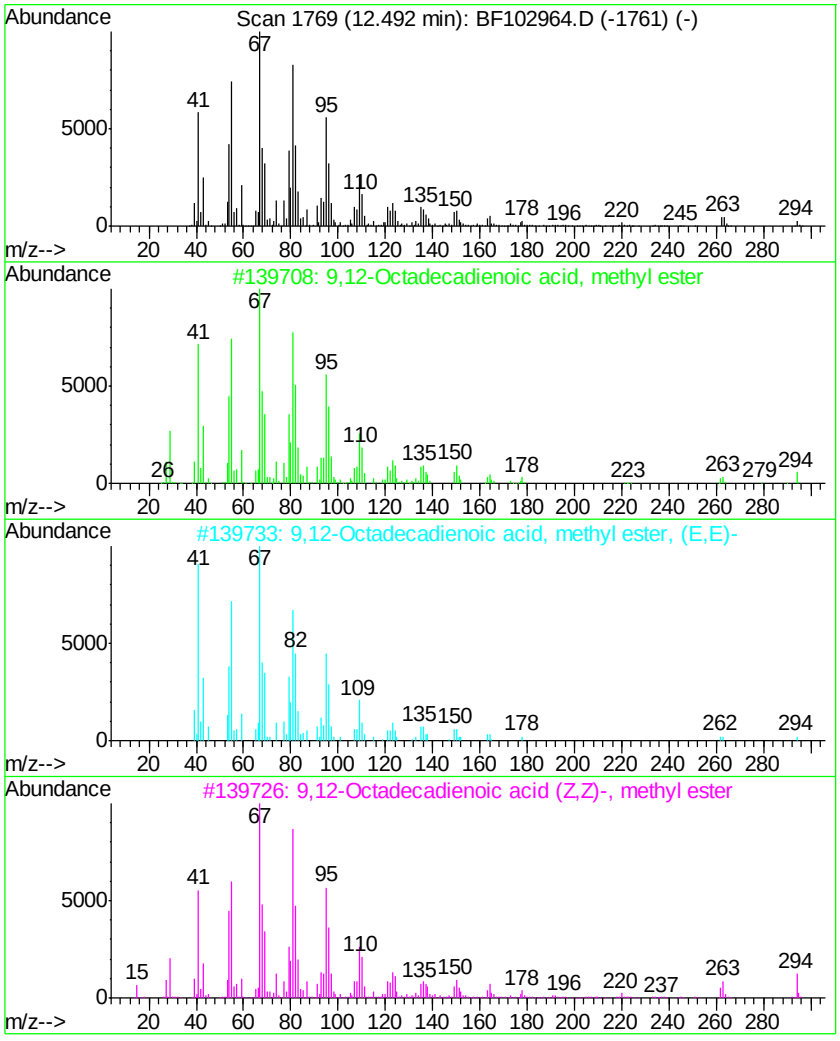
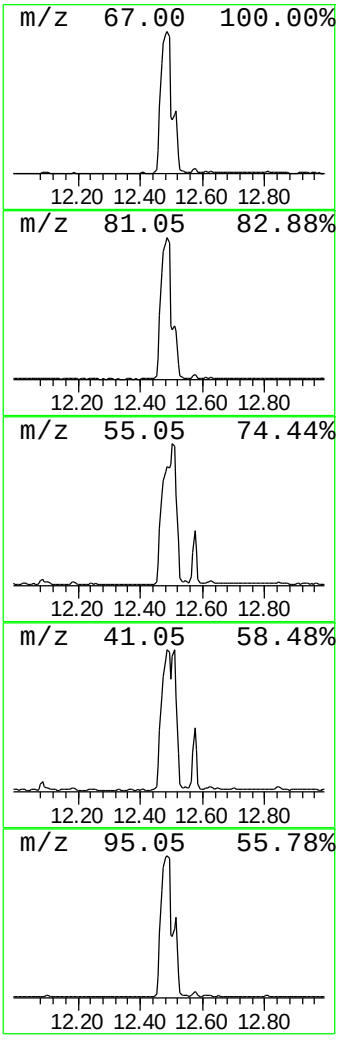
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	265.18 ng	14723500	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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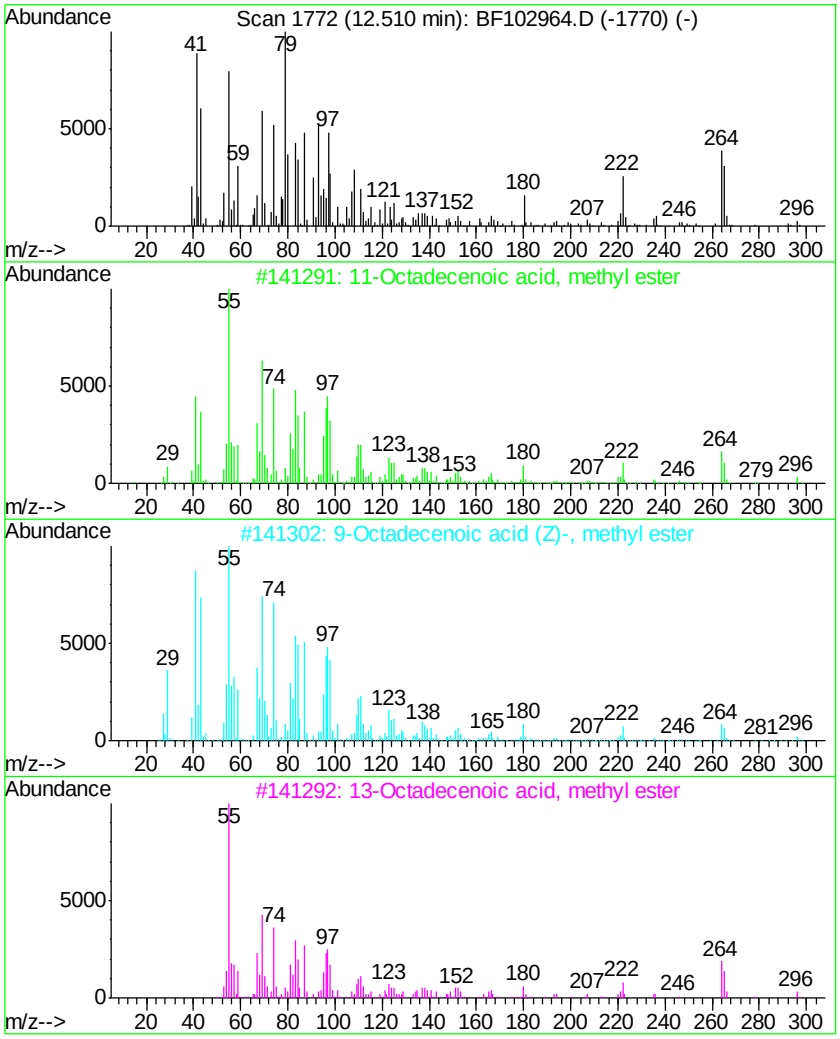
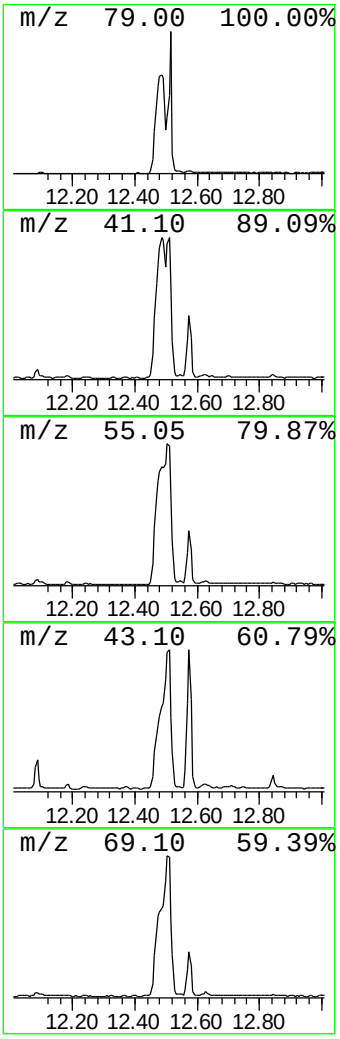
Peak Number 14 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	134.32 ng	7458000	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	51
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	48
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	45
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	43
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	42





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Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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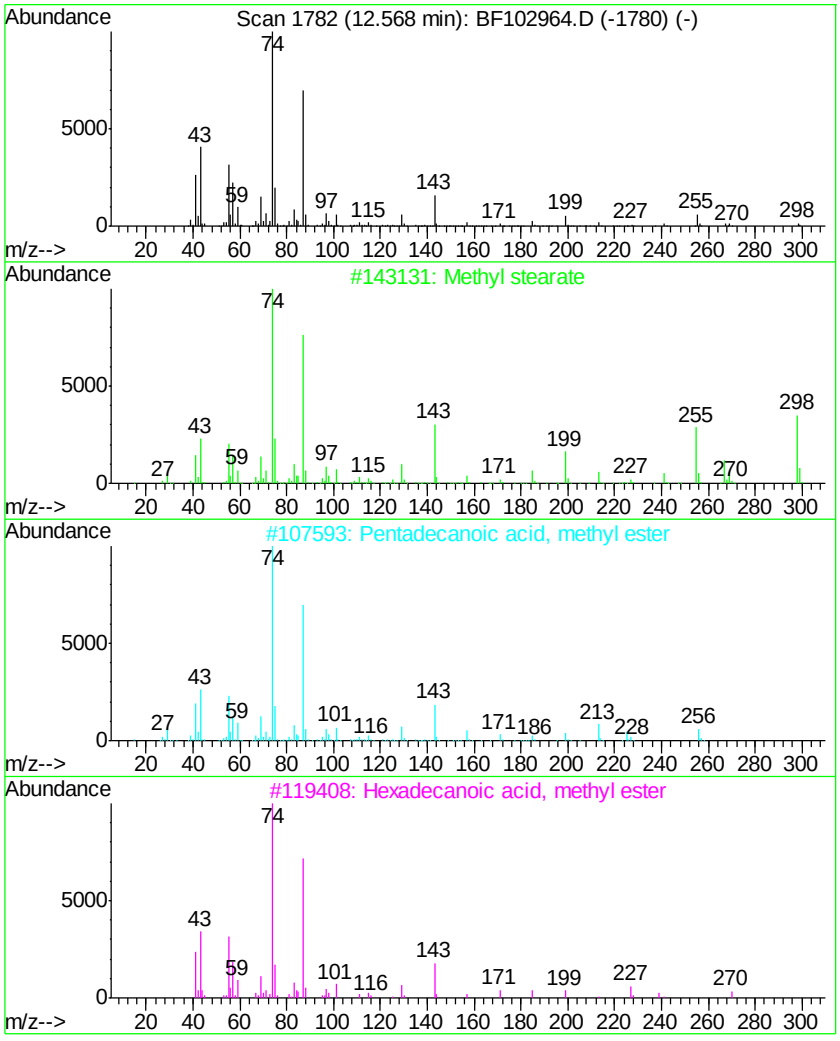
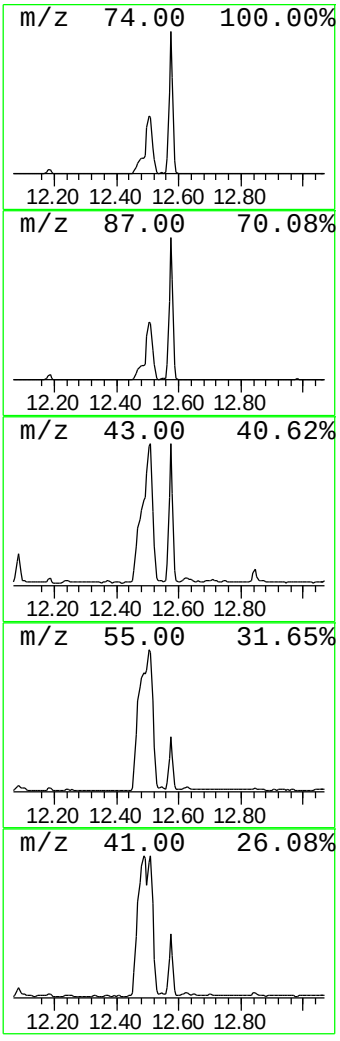
Peak Number 15 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	52.91 ng	2937760	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	94
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
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Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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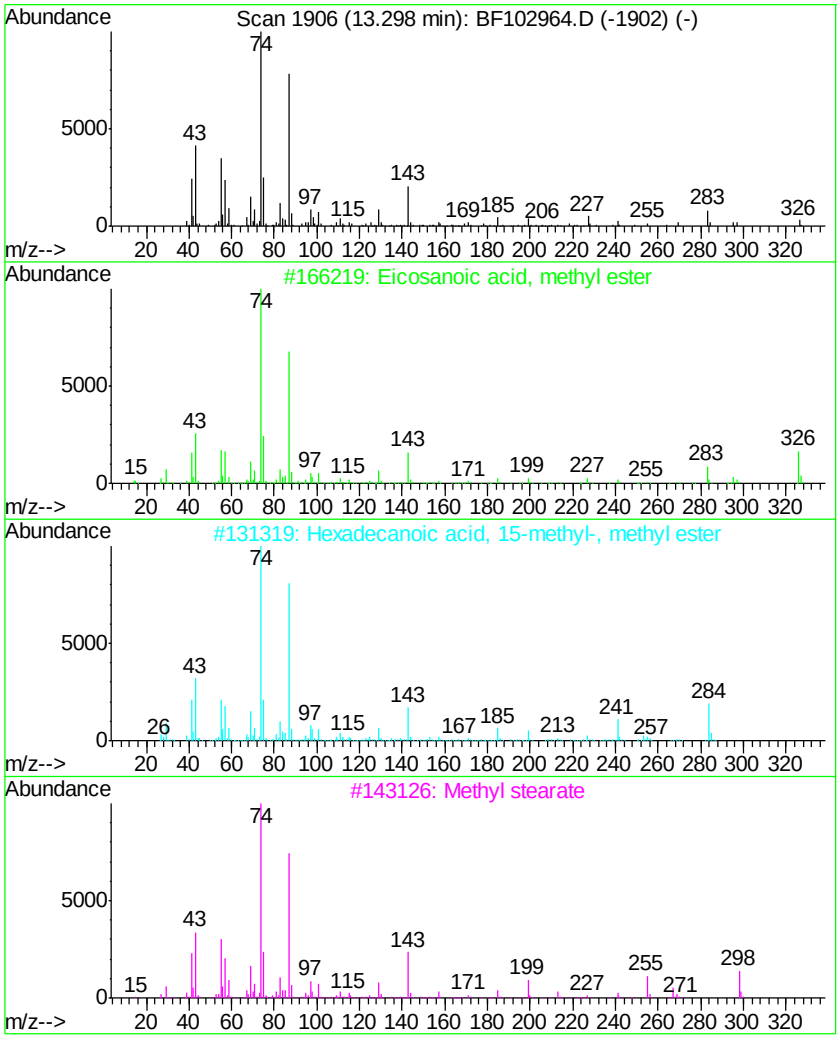
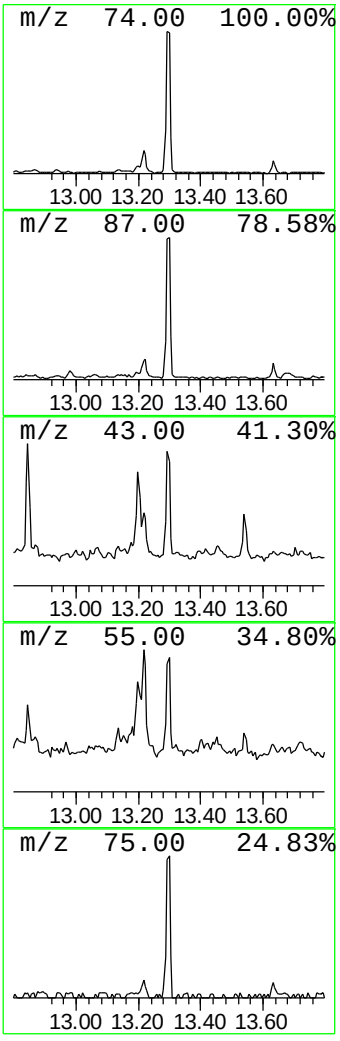
Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	6.15 ng	259834	Chrysene-d12	14.03

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	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





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Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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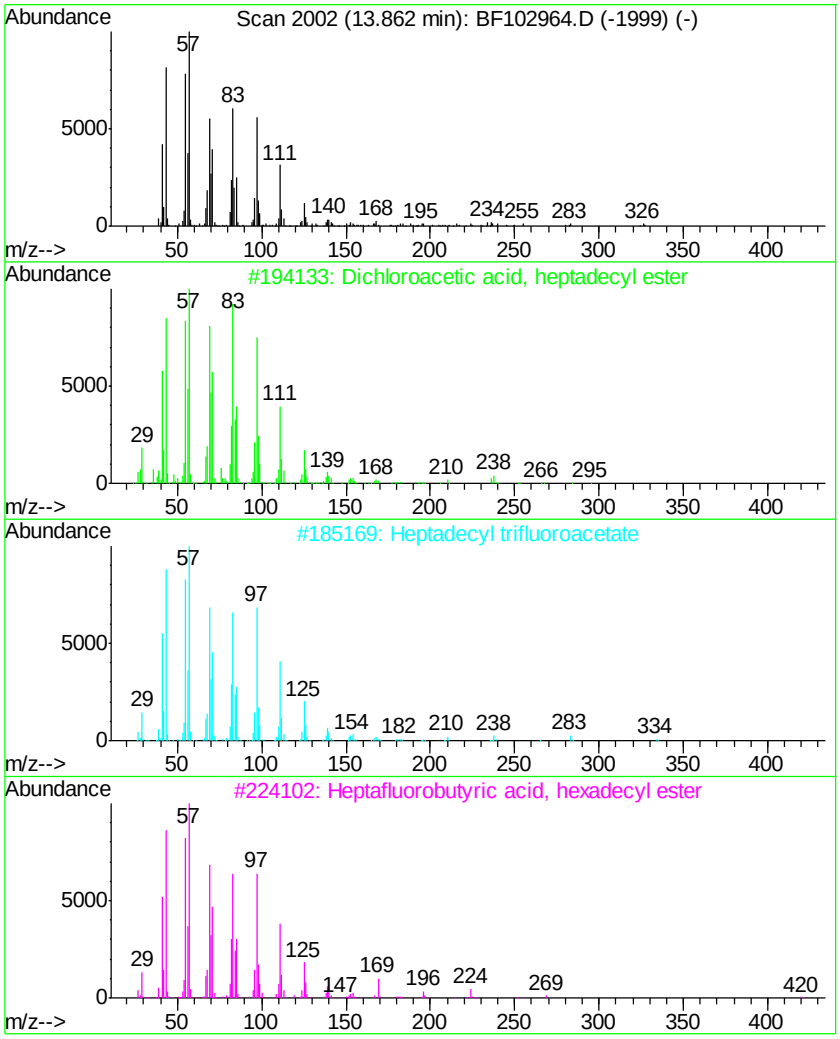
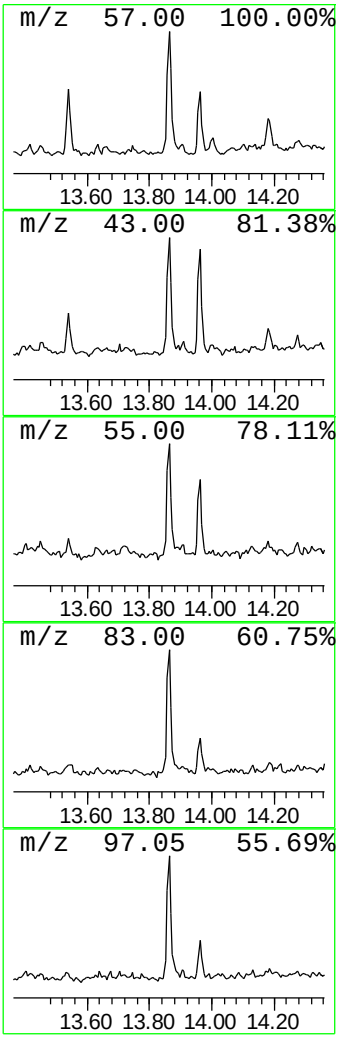
Peak Number 17 Dichloroacetic acid, heptad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.84 ng	288585	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Cycloeicosane	280	C20H40	000296-56-0	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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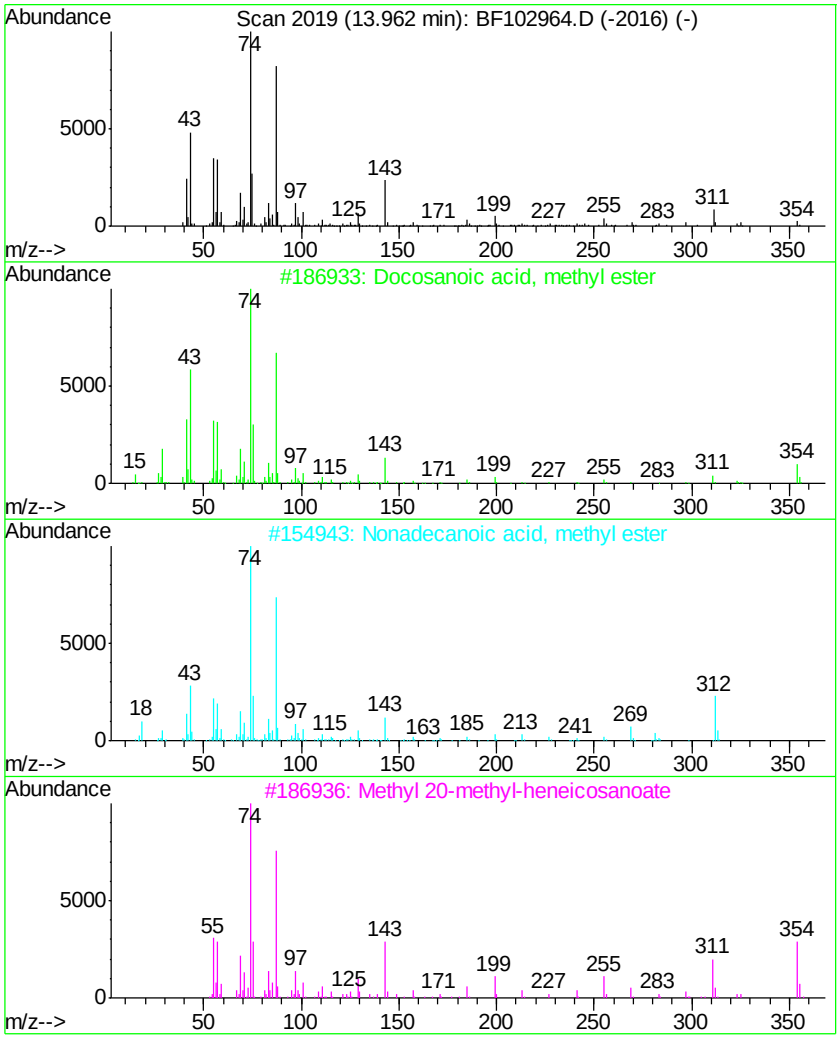
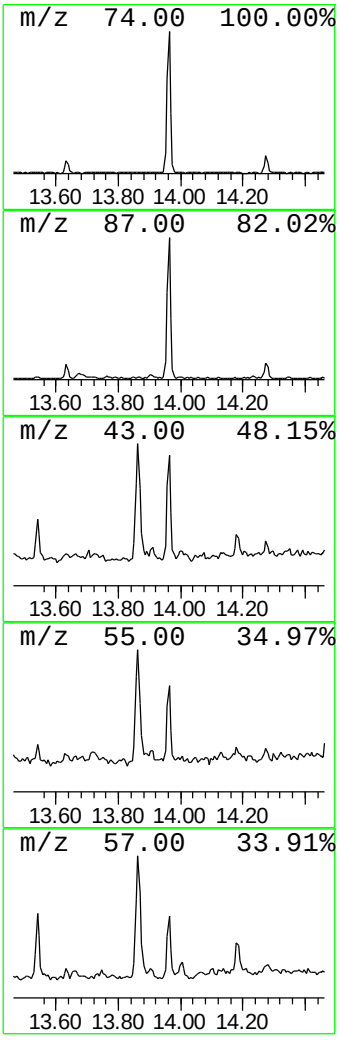
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.99 ng	252825	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





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Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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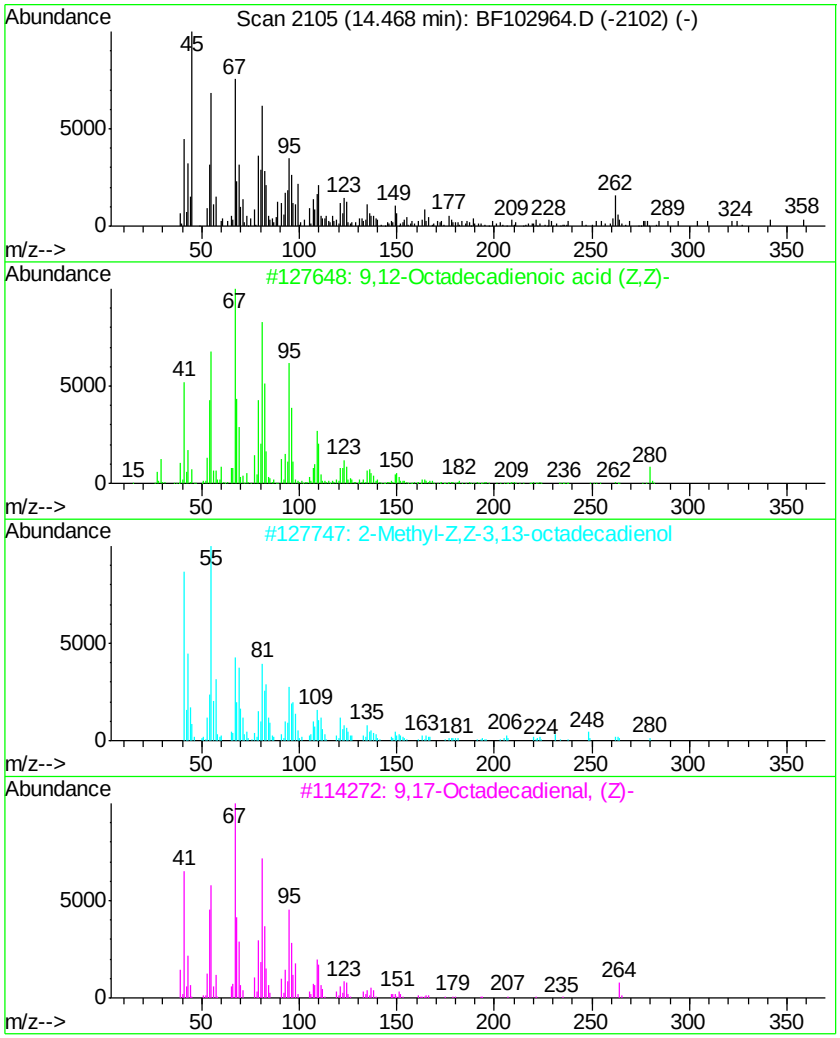
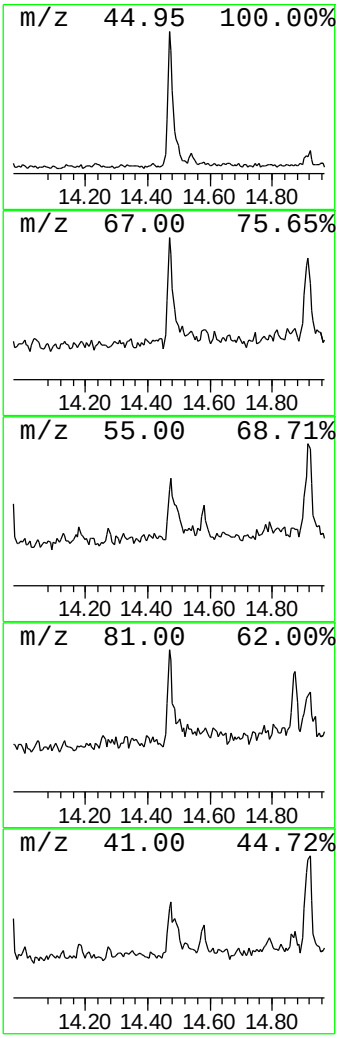
Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	8.18 ng	345278	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	86
3	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	64
4	Cyclohexanecarboxaldehyde, 4-(hy...	142	C8H14O2	092385-32-5	62
5	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	60





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Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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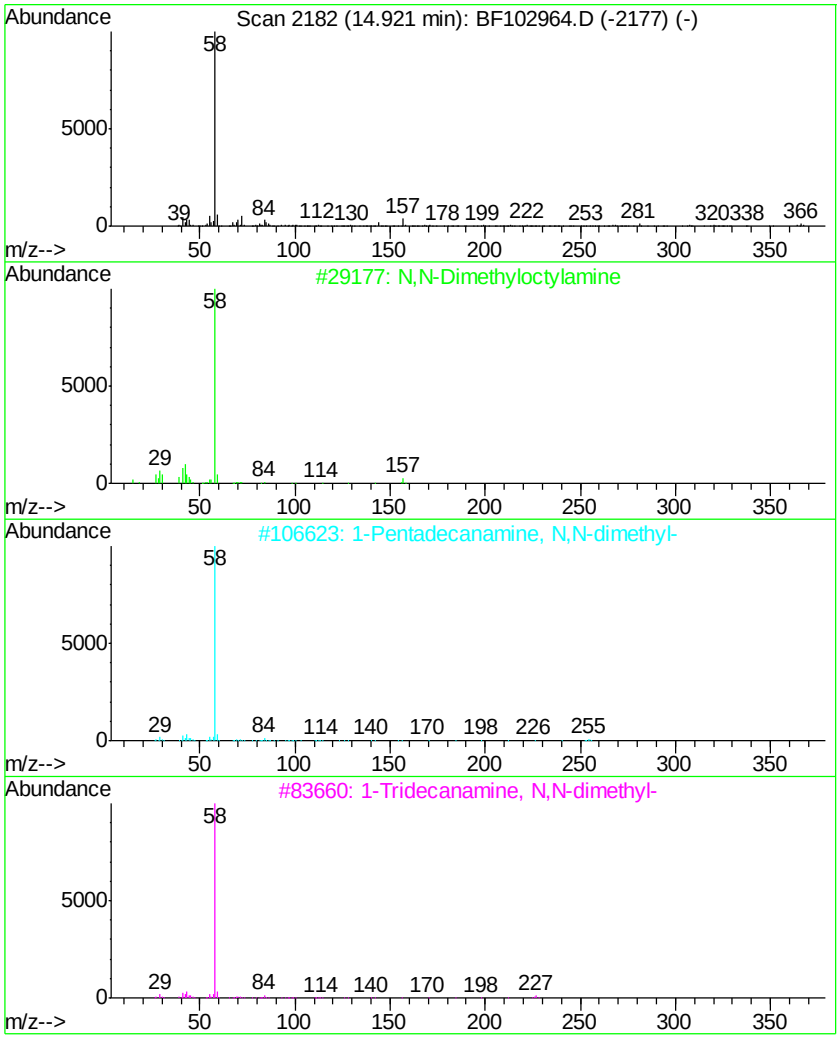
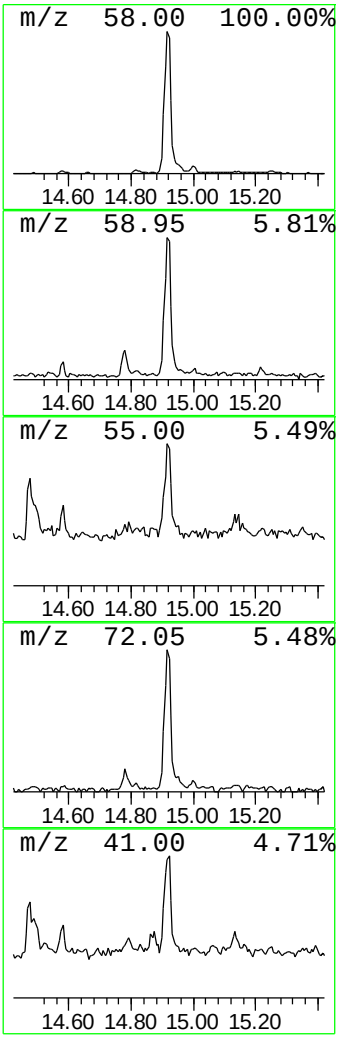
Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	18.29 ng	784617	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	64
3	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	64
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
5	Cyclobutane, methoxy-	86	C5H10O	018593-33-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021318\
Data File : BF102964.D
Acq On : 13 Feb 2018 16:24
Operator : SJ/JU
Sample : J1398-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-021218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.13	20.3	ng	959897	1	6.87	947985	20.0
unknown6.65	6.65	74.5	ng	3530510	1	6.87	947985	20.0
Tetradecane	9.30	7.6	ng	503309	3	9.91	1327200	20.0
Hexadecane	9.83	8.9	ng	589818	3	9.91	1327200	20.0
Heptadecane	10.80	14.6	ng	812661	4	11.40	1110460	20.0
Octadecane	11.25	9.0	ng	501472	4	11.40	1110460	20.0
Pentadecane	11.68	6.7	ng	371881	4	11.40	1110460	20.0
Hexadecanoic acid...	11.79	110.2	ng	6118100	4	11.40	1110460	20.0
n-Hexadecanoic acid	11.92	5.3	ng	294380	4	11.40	1110460	20.0
Heneicosane	12.09	7.0	ng	388193	4	11.40	1110460	20.0
9,12-Octadecadien...	12.49	265.2	ng	14723500	4	11.40	1110460	20.0
11-Octadecenoic a...	12.51	134.3	ng	7458000	4	11.40	1110460	20.0
Methyl stearate	12.57	52.9	ng	2937760	4	11.40	1110460	20.0
Eicosanoic acid, ...	13.30	6.2	ng	259834	5	14.03	844430	20.0
Dichloroacetic ac...	13.86	6.8	ng	288585	5	14.03	844430	20.0
Docosanoic acid, ...	13.96	6.0	ng	252825	5	14.03	844430	20.0
9,12-Octadecadien...	14.47	8.2	ng	345278	5	14.03	844430	20.0
N,N-Dimethyloctyl...	14.92	18.3	ng	784617	6	15.51	858185	20.0