LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

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-BF022719.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	5.334	548	552	564	rBV	185575	229008	6.31%	1.233%
2	6.363	724	727	743	rBV	216076	278921	7.69%	1.501%
3	6.492	745	749	756	rVV	307895	279969	7.72%	1.507%
4	6.722	784	788	801	rBV	865466	764190	21.07%	4.114%
5	6.875	811	814	824	rBV	231992	210763	5.81%	1.135%
6	7.281	877	883	890	rBV	123446	152325	4.20%	0.820%
7	8.004	1002	1006	1013	rBV	1227961	1123878	30.99%	6.050%
8	8.510	1089	1092	1096	rBV2	35756	38224	1.05%	0.206%
9	8.604	1104	1108	1112	rBV2	80819	91652	2.53%	0.493%
10	8.828	1143	1146	1151	rBV3	35085	39286	1.08%	0.211%
11	9.039	1179	1182	1185	rVB2	40863	38095	1.05%	0.205%
12	9.081	1185	1189	1194	rBV	315802	330489	9.11%	1.779%
13	9.169	1198	1204	1208	rBV	145116	137611	3.79%	0.741%
14	9.486	1253	1258	1260	rBV3	54121	82429	2.27%	0.444%
15	9.698	1291	1294	1298	rBV	175121	142205	3.92%	0.765%
16	9.757	1298	1304	1310	rBV	1316827	1246059	34.36%	6.707%
17	9.933	1330	1334	1337	rBV3	30324	51552	1.42%	0.277%
18	10.022	1345	1349	1353	rBV6	37071	49909	1.38%	0.269%
19	10.198	1375	1379	1382	rBV	175592	166945	4.60%	0.899%
20	10.416	1409	1416	1419	rBV	81447	96612	2.66%	0.520%
21	10.539	1433	1437	1442	rBV3	191223	227886	6.28%	1.227%
22	10.669	1456	1459	1467	rBV	217979	254190	7.01%	1.368%
23	11.116	1531	1535	1537	rBV	178897	160830	4.43%	0.866%
24	11.145	1537	1540	1545	rVB	72253	78680	2.17%	0.424%
25	11.233	1552	1555	1563	rBV	1293608	1234507	34.04%	6.645%
26	11.539	1604	1607	1609	rBV	140459	121054	3.34%	0.652%
27	11.633	1620	1623	1627	rBV	1134618	1029420	28.38%	5.541%
28	11.769	1643	1646	1654	rBV2	73734	96960	2.67%	0.522%
29	11.945	1669	1676	1685	rBV	118874	134693	3.71%	0.725%
30	12.322	1735	1740	1741	rBV	2663590	2485561	68.53%	13.379%
31	12.345	1741	1744	1750	rVV	3533943	3626991	100.00%	19.524%
32	12.427	1754	1758	1761	rBV	455537	426039	11.75%	2.293%
33	12.474	1761	1766	1769	rBV5	68673	93848	2.59%	0.505%
34	12.657	1794	1797	1802	rVB2	102565	106486	2.94%	0.573%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.698	1802	1804	1807	rBV	72149	62626	1.73%	0.337%
36	12.816	1820	1824	1828	rBV	288655	275369	7.59%	1.482%
37	12.980	1849	1852	1854	rBV	78396	70856	1.95%	0.381%
38	13.004	1854	1856	1862	rVV6	37406	59137	1.63%	0.318%
39	13.069	1862	1867	1870	rVV2	90225	129874	3.58%	0.699%
40	13.145	1877	1880	1883	rVB	87866	67806	1.87%	0.365%
41	13.398	1920	1923	1927	rBV	44220	44358	1.22%	0.239%
42	13.721	1975	1978	1981	rBV	37996	37029	1.02%	0.199%
43	13.816	1991	1994	1998	rBV	53377	48274	1.33%	0.260%
44	13.863	1998	2002	2009	rBV	931278	892694	24.61%	4.805%
45	14.039	2029	2032	2036	rVB	46799	41121	1.13%	0.221%
46	14.339	2081	2083	2086	rBV	58332	61281	1.69%	0.330%
47	14.639	2131	2134	2138	rBV	71036	76321	2.10%	0.411%
48	14.739	2148	2151	2160	rVB	112180	159014	4.38%	0.856%
49	14.951	2185	2187	2193	rVB	76773	87440	2.41%	0.471%
50	15.274	2238	2242	2246	rBV	599080	771967	21.28%	4.155%
51	15.710	2314	2316	2322	rVB	58536	65127	1.80%	0.351%

Sum of corrected areas: 18577561

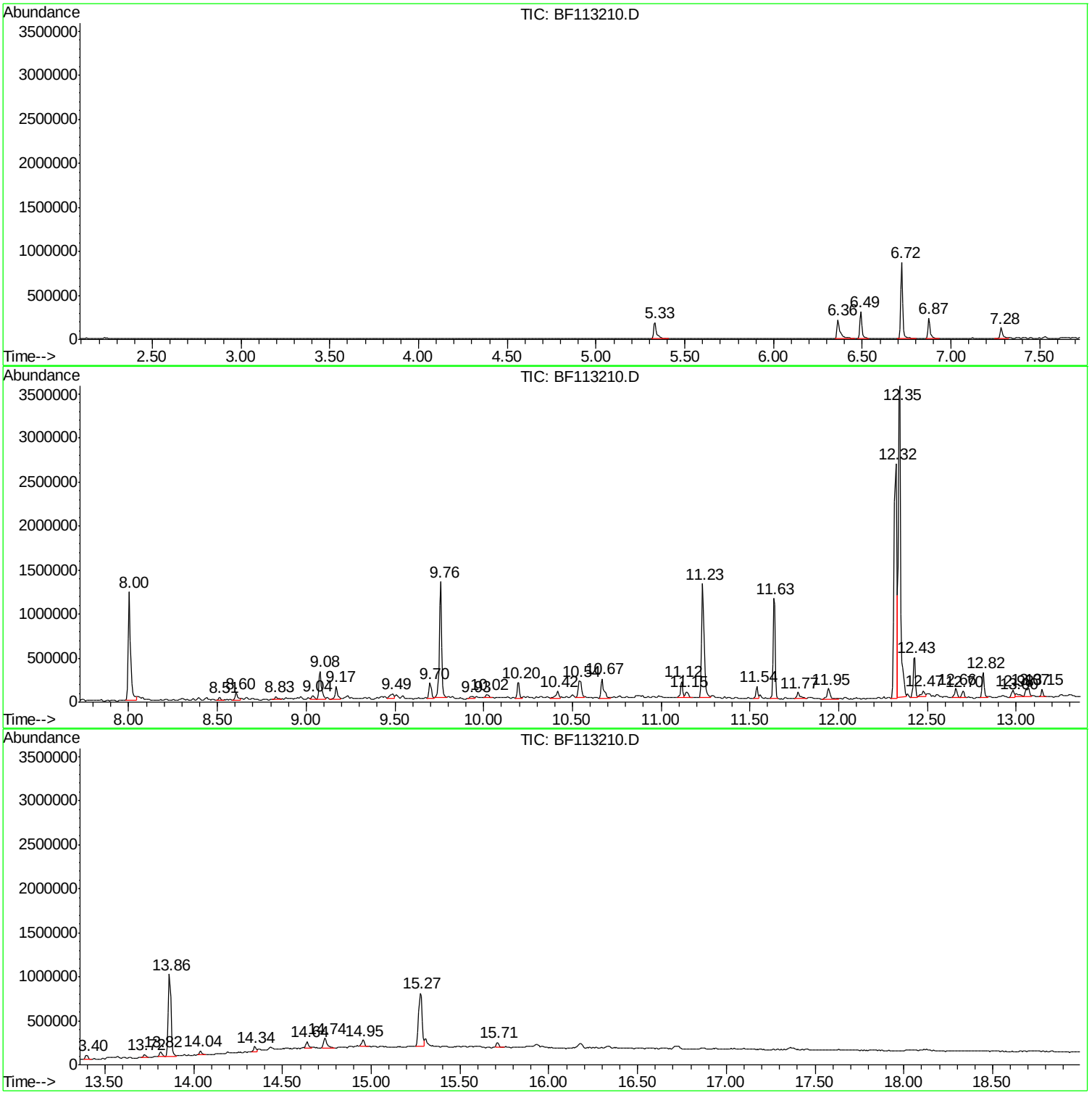
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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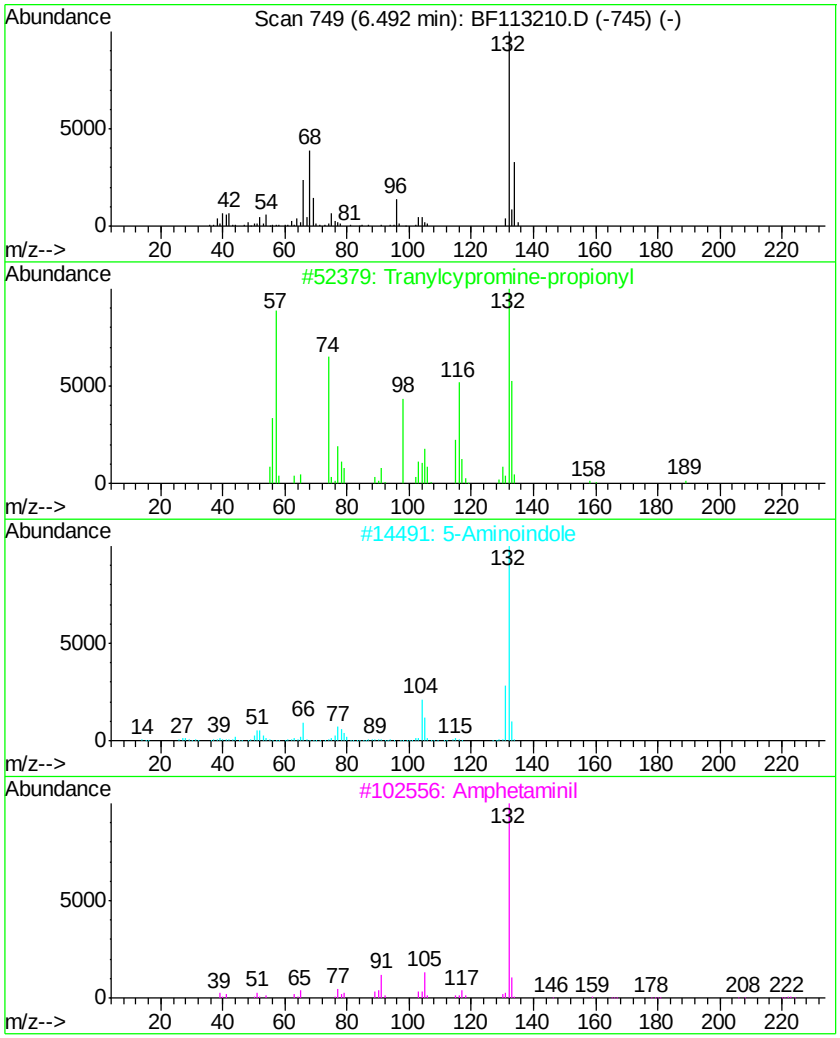
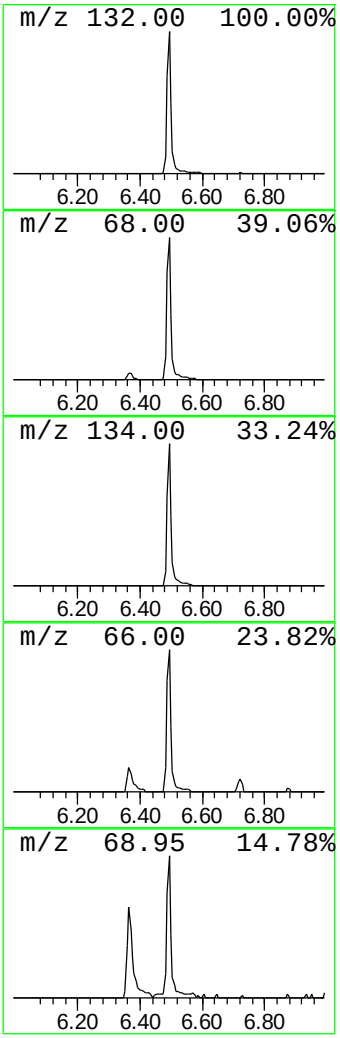
Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	7.33 ng	279969	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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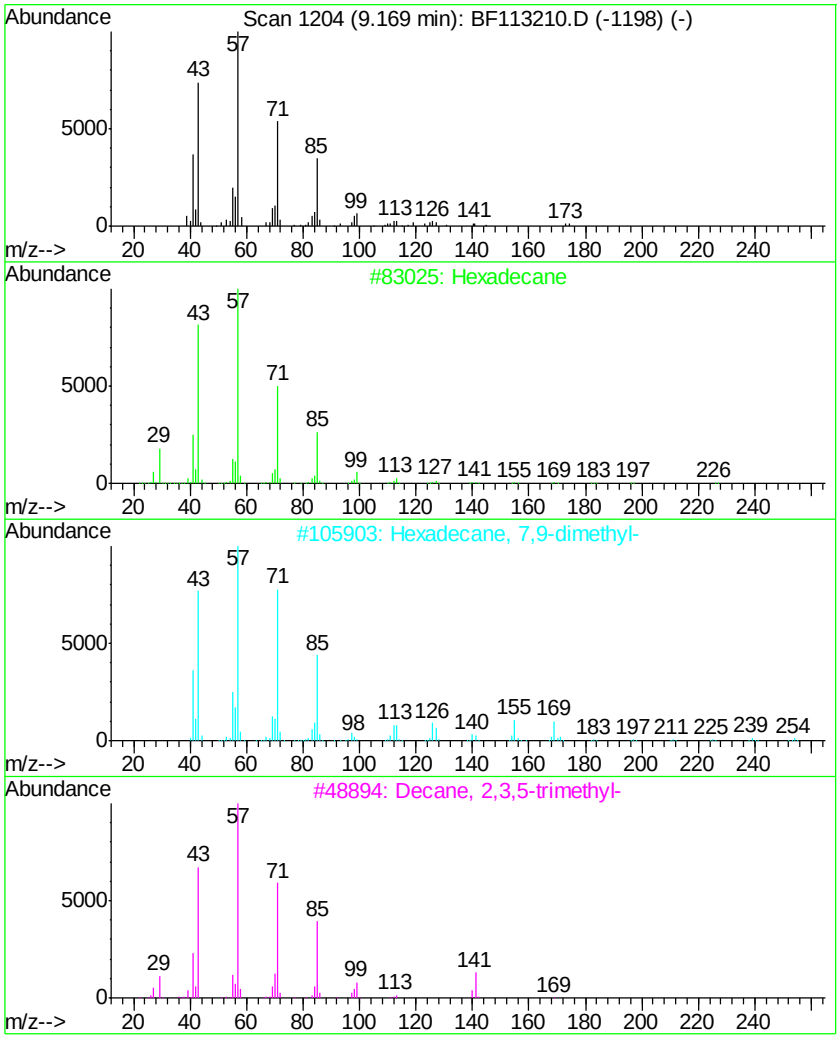
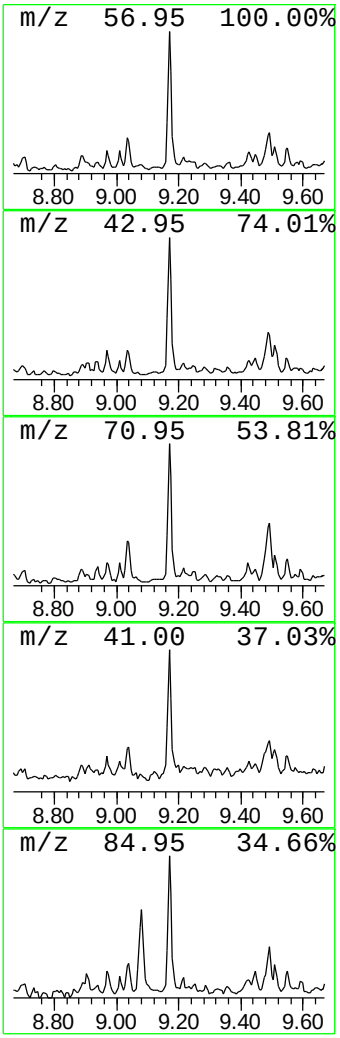
Peak Number 3 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.21 ng	137611	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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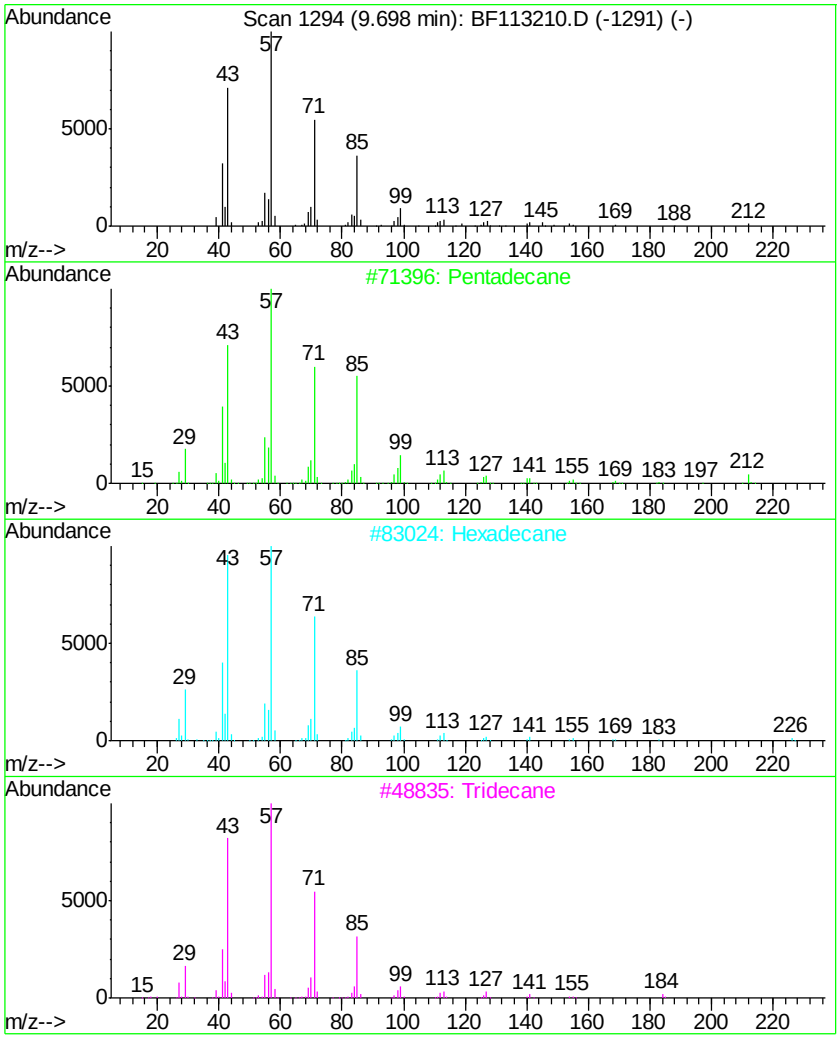
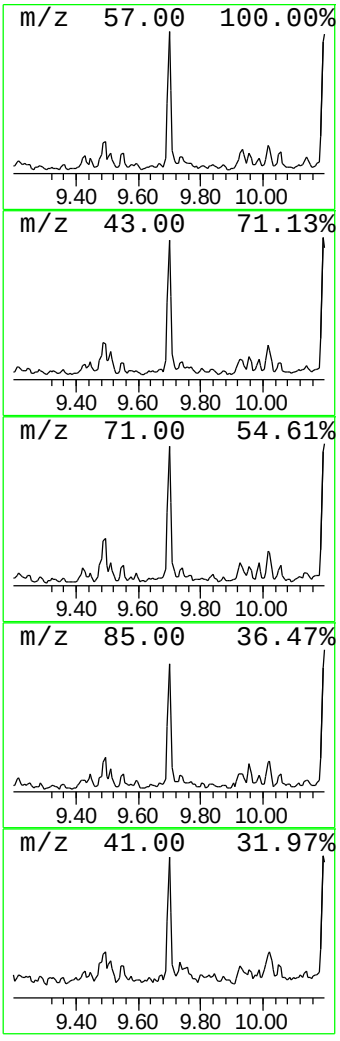
Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.28 ng	142205	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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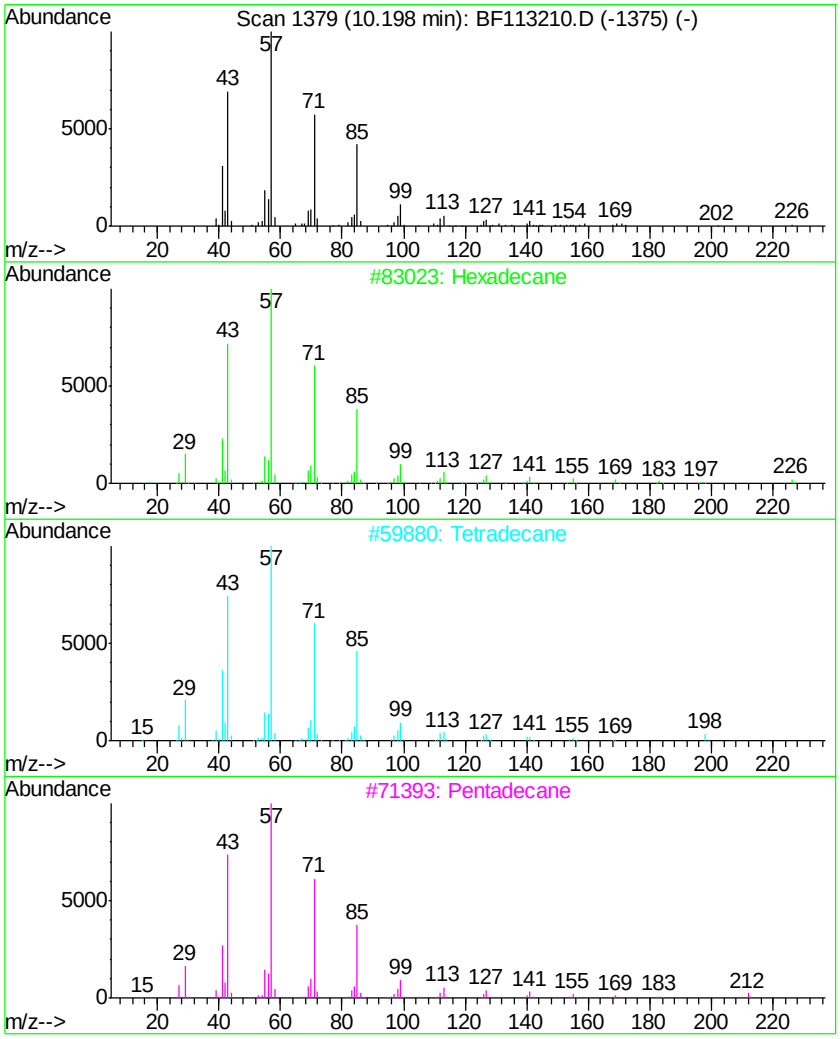
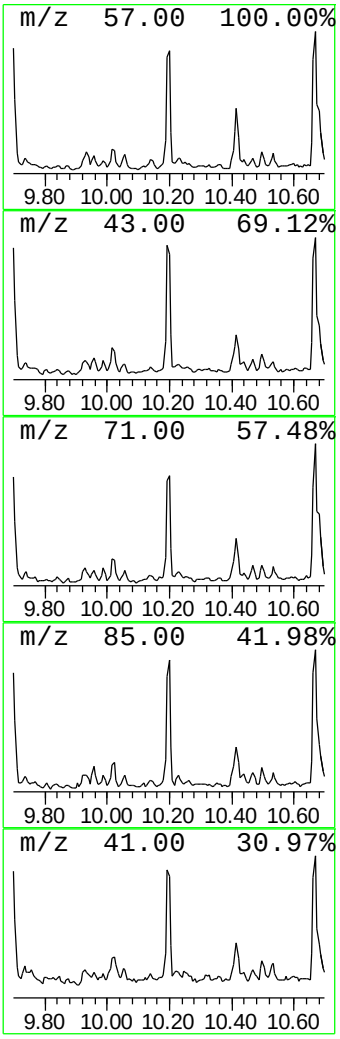
Peak Number 5 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.68 ng	166945	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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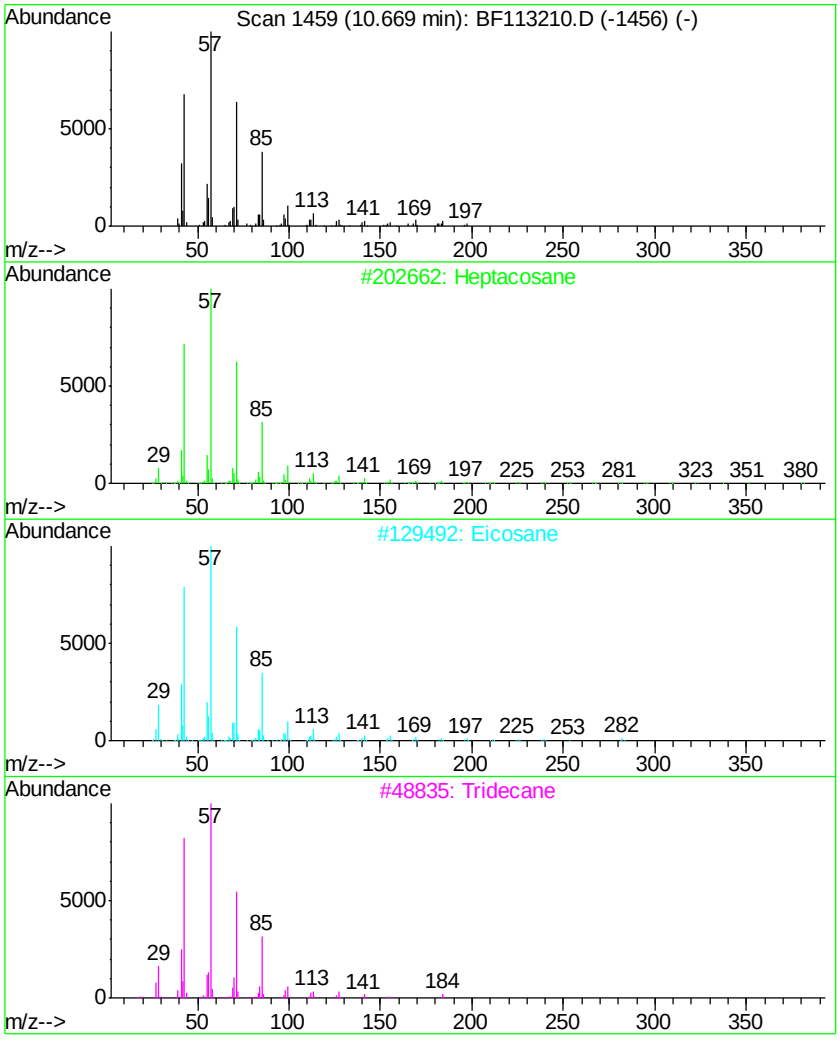
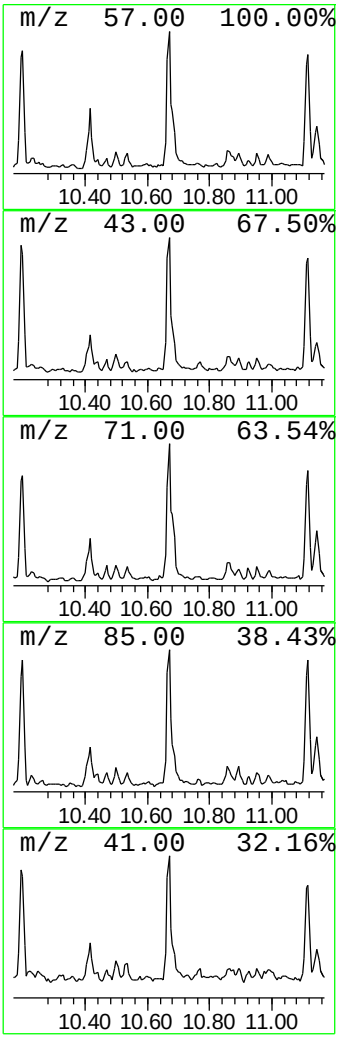
Peak Number 6 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.12 ng	254190	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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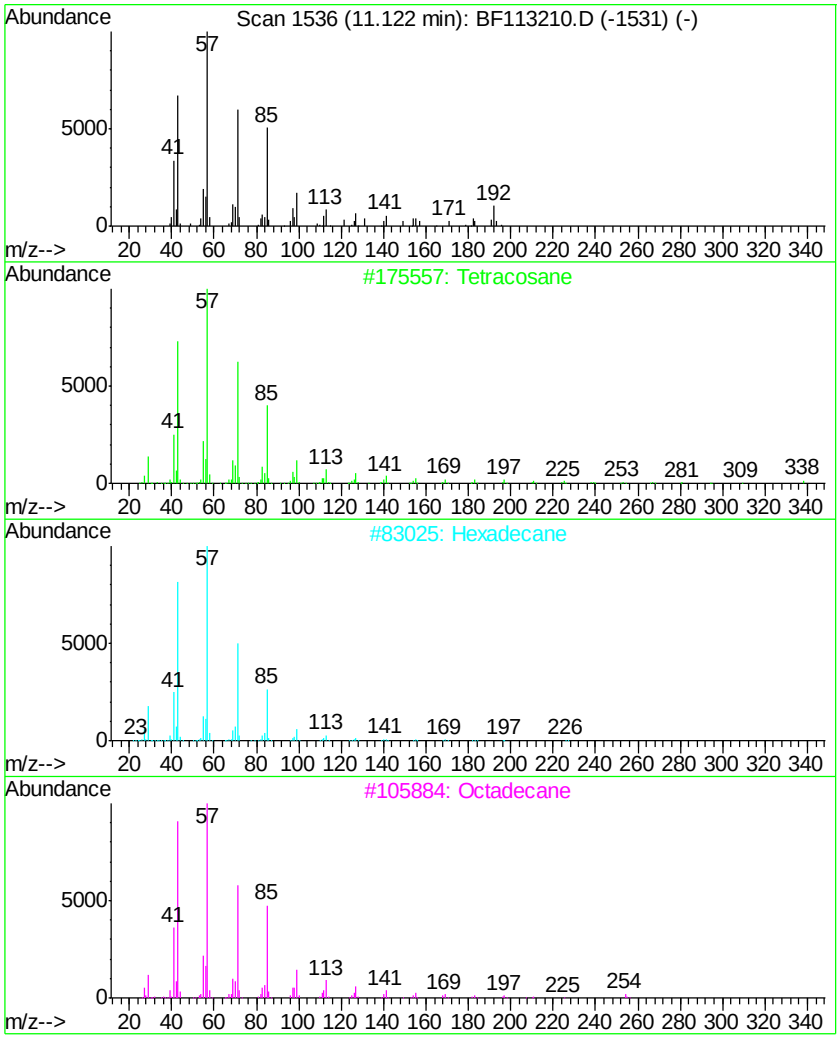
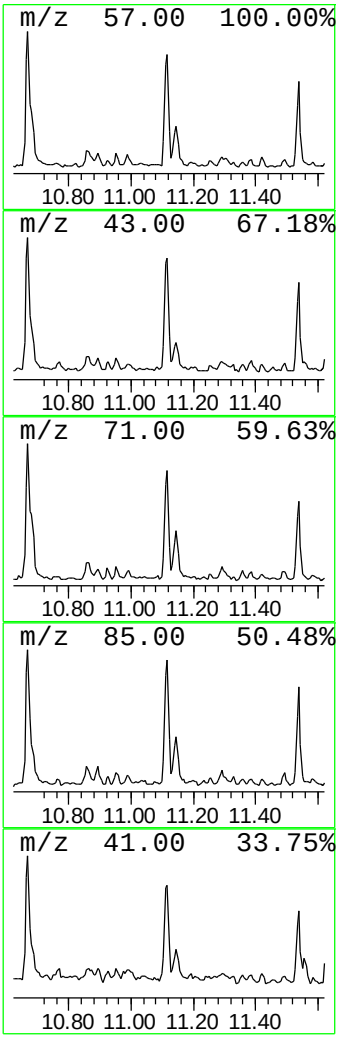
Peak Number 7 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.61 ng	160830	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Eicosane	282	C20H42	000112-95-8	87





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Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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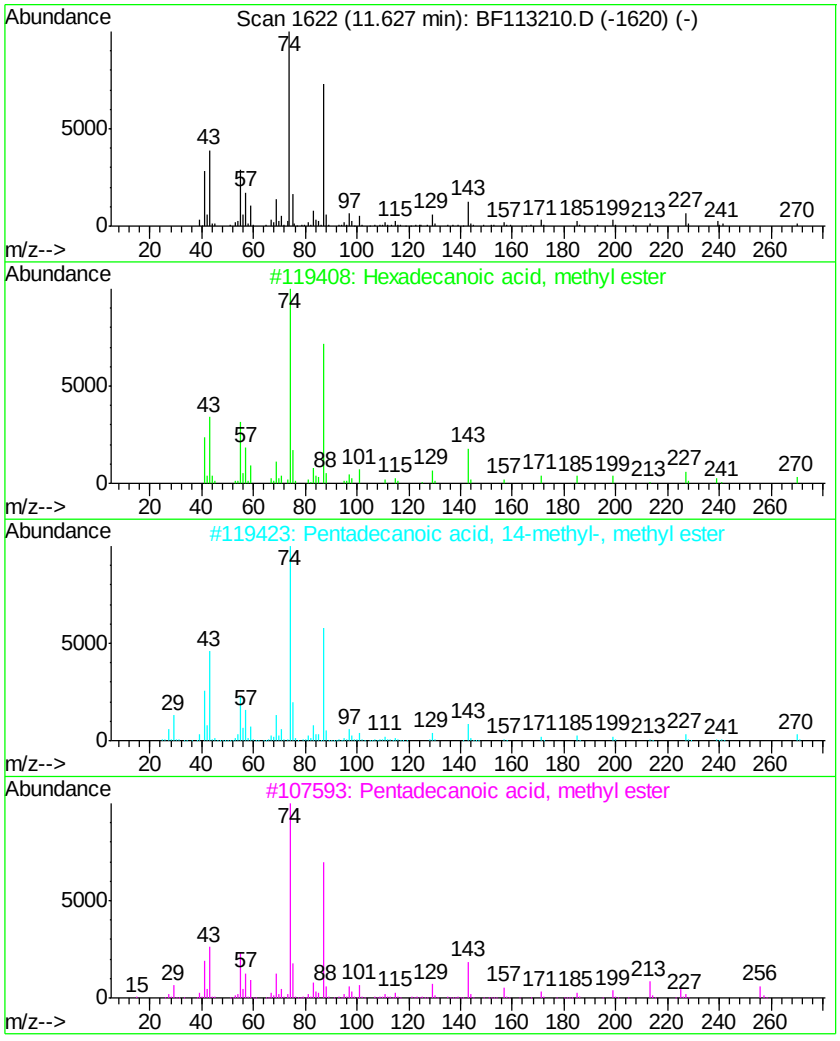
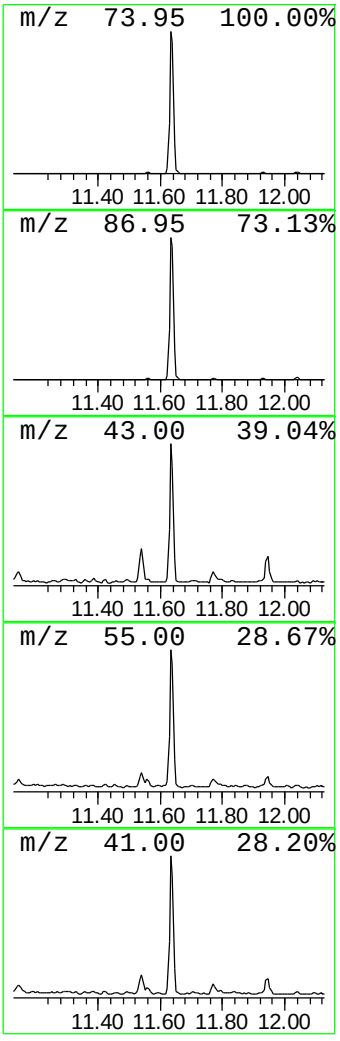
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	16.68 ng	1029420	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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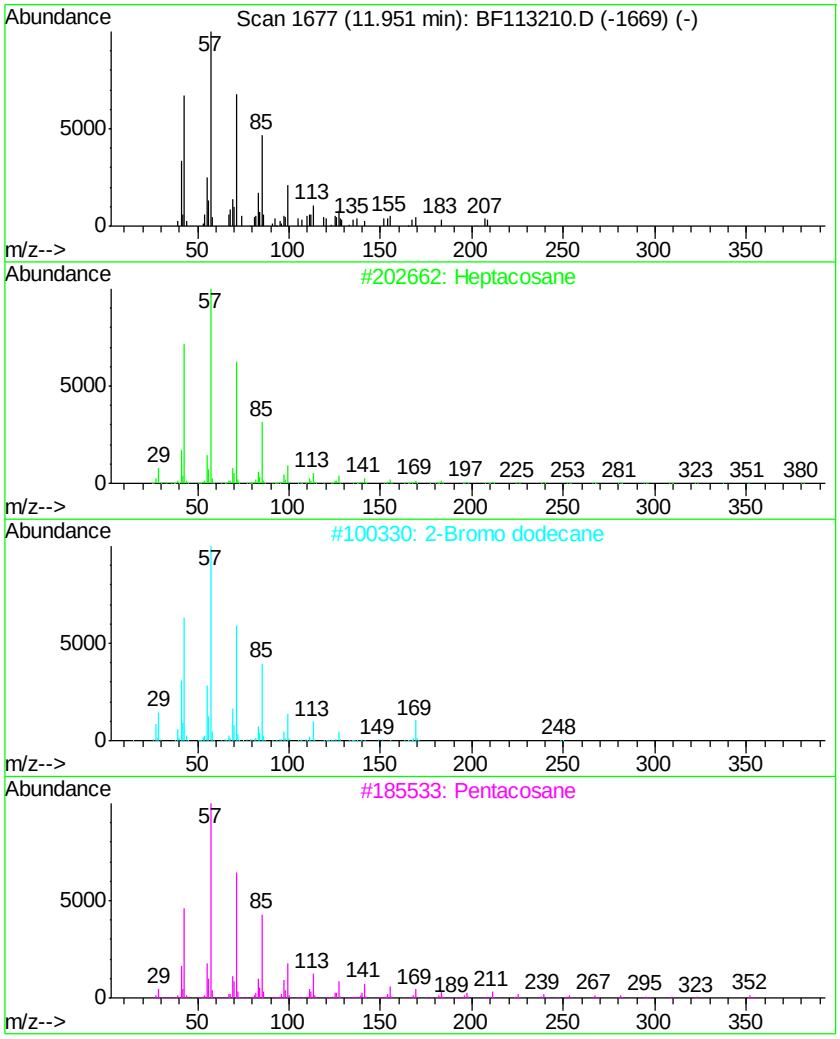
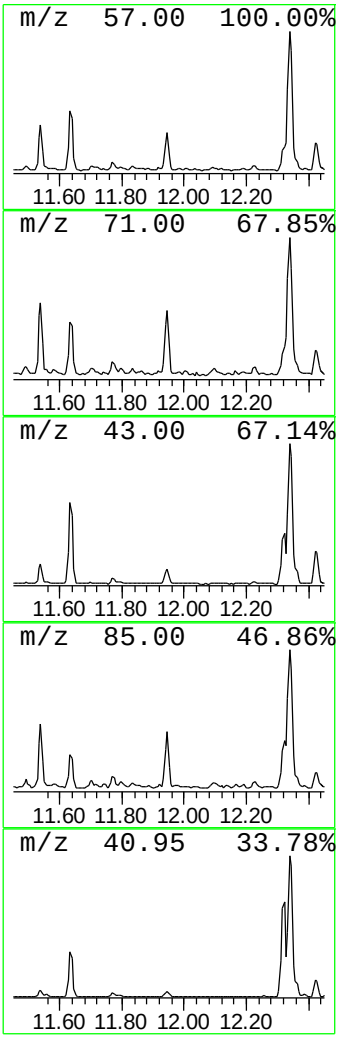
Peak Number 9 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.18 ng	134693	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

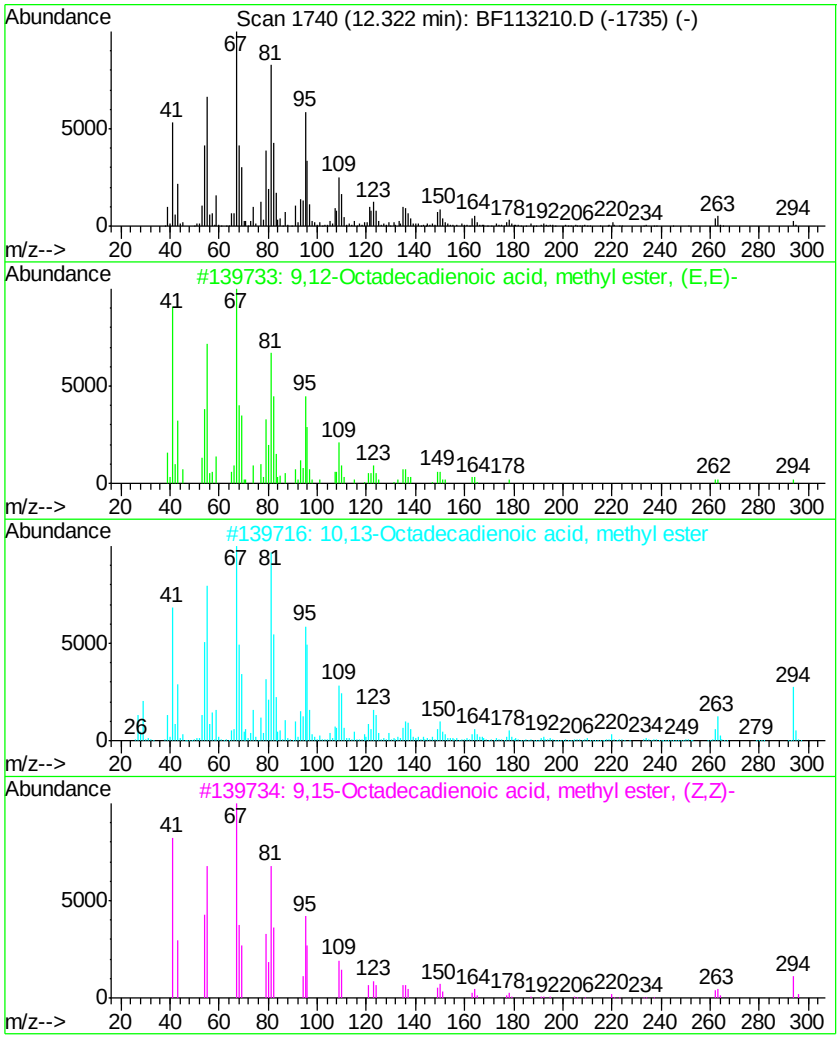
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

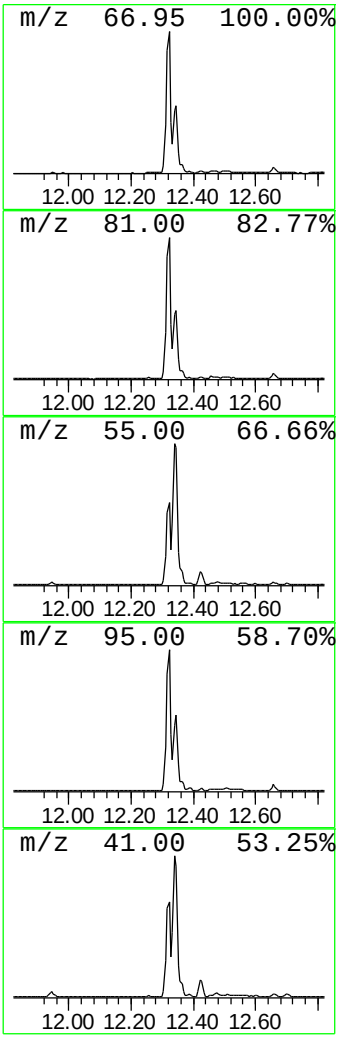
****

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	40.27 ng	2485560	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

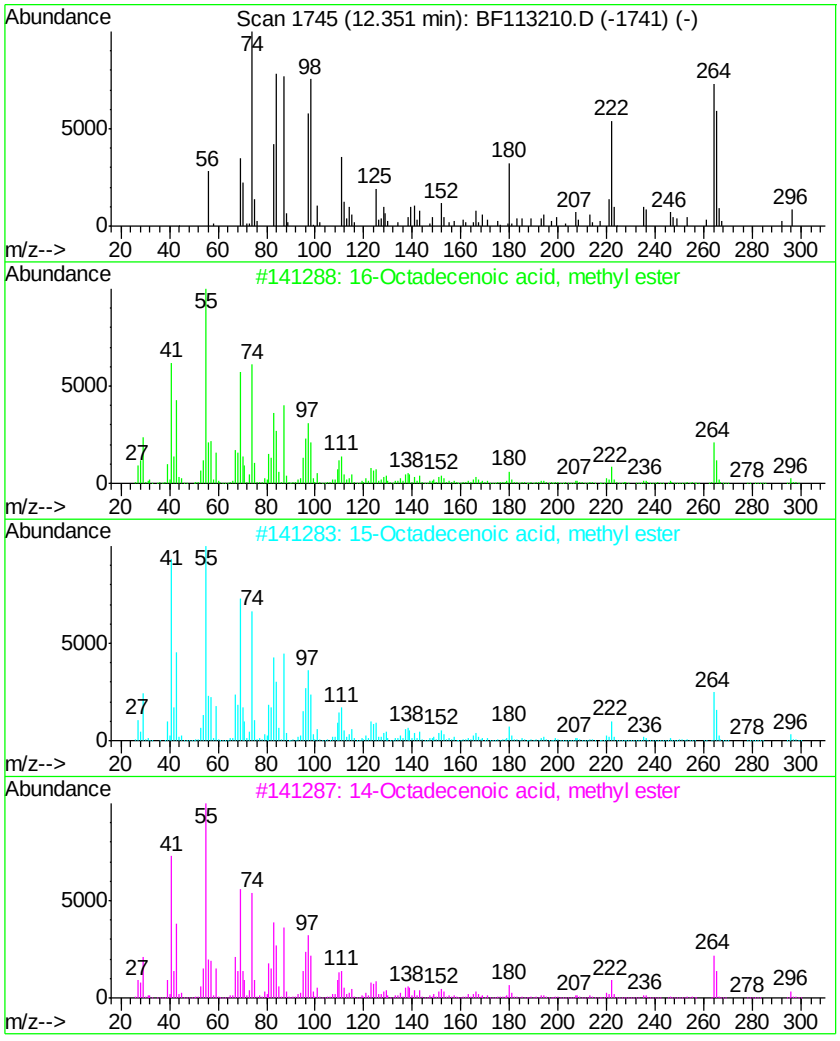
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

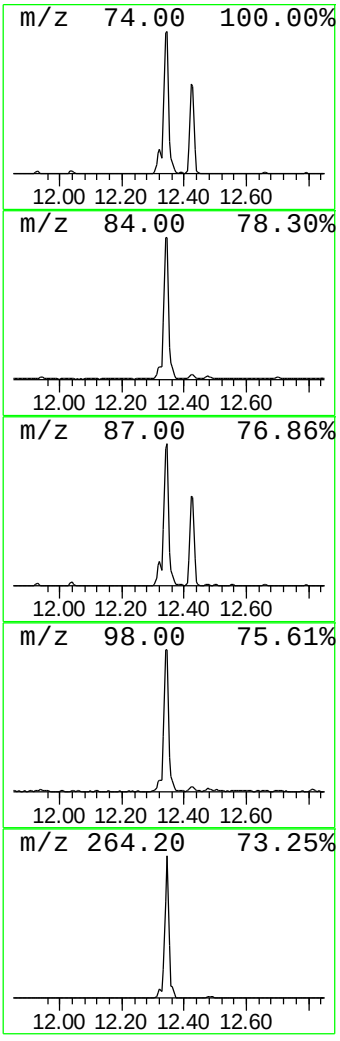
****

Peak Number 11 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	58.76 ng	3626990	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





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Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

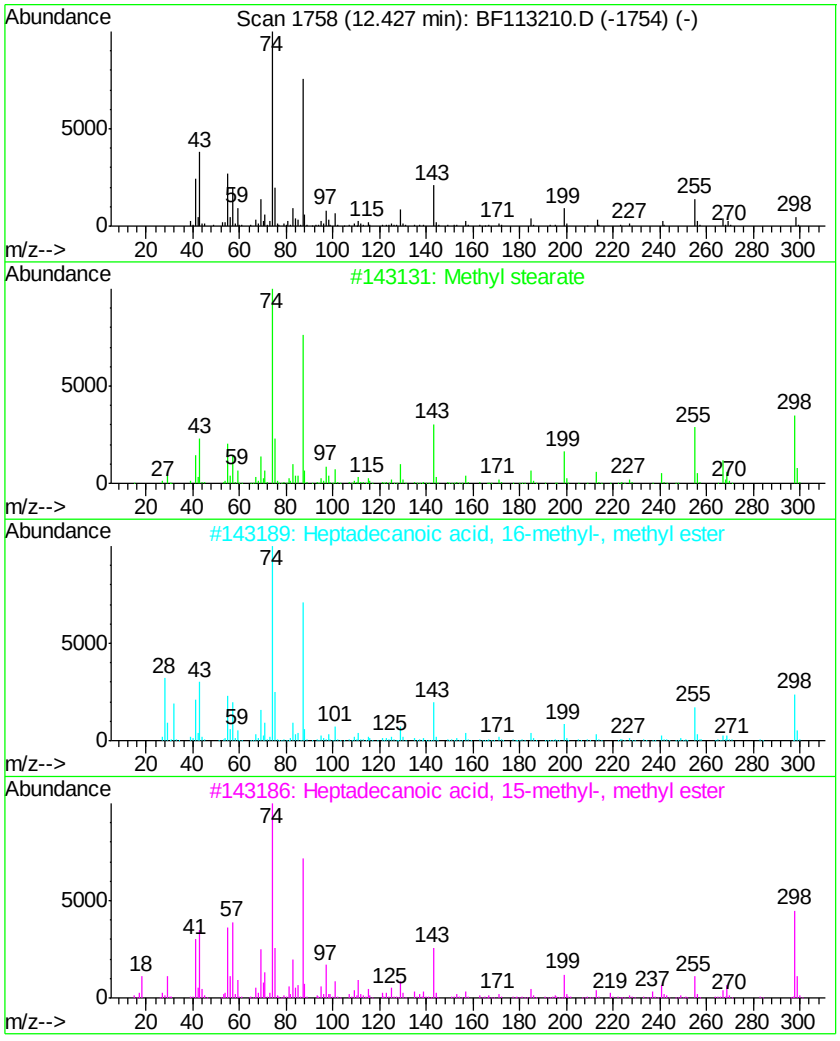
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

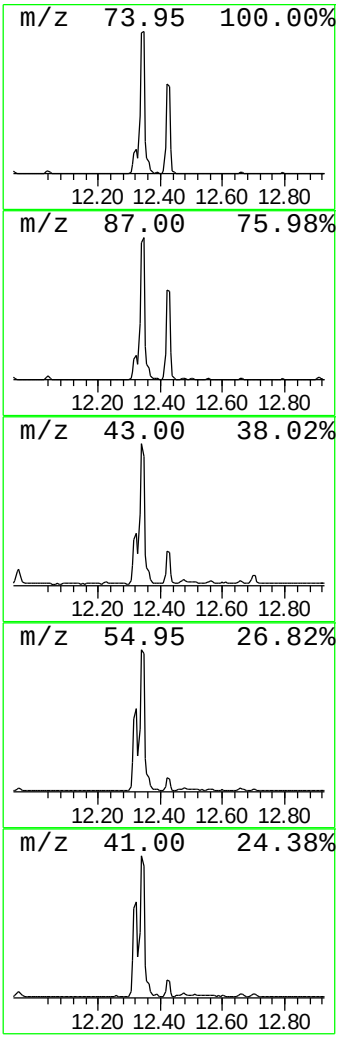
****

Peak Number 12 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.90 ng	426039	Phenanthrene-d10	11.23

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	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
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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Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

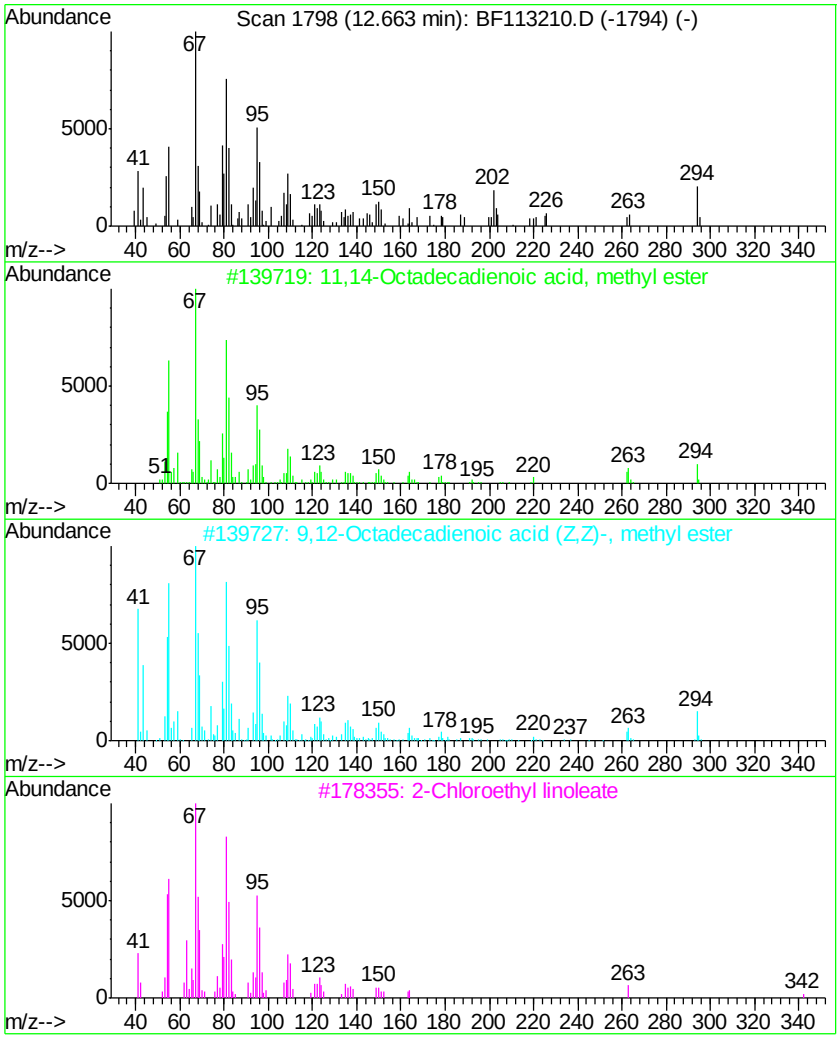
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

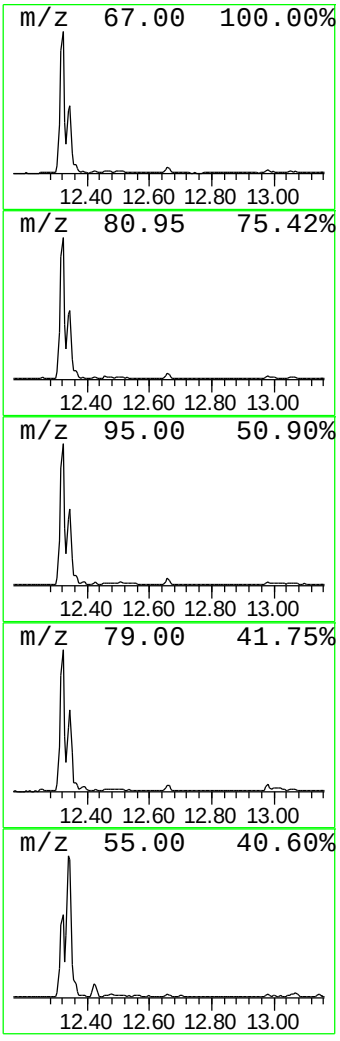
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11,14-Octadecadienoic acid,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.39 ng	106486	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	94
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	93
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	87
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	86





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Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

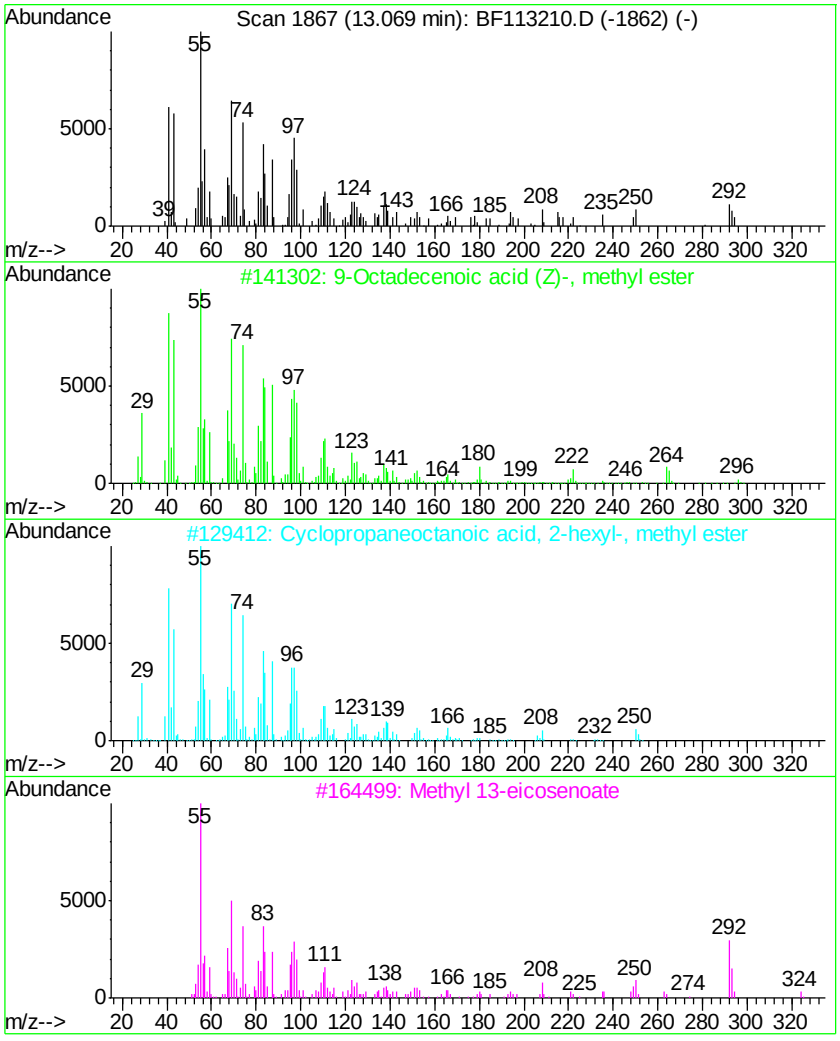
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

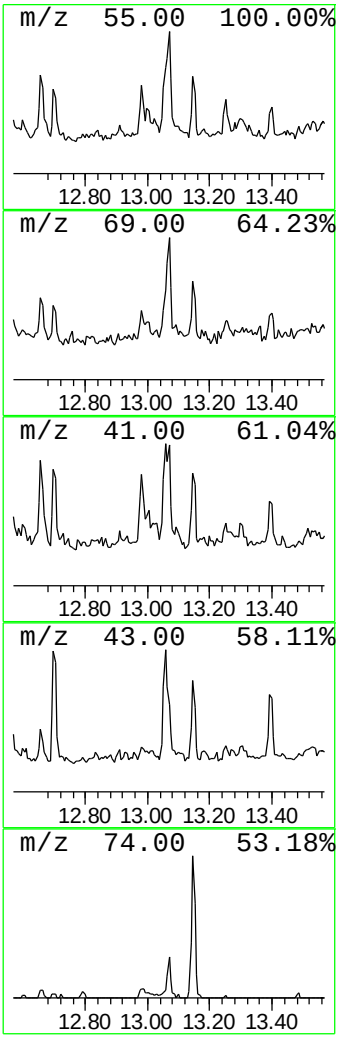
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.91 ng	129874	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	76
3	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	74
4	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	68
5	Methyl 9-heptadecenoate or 9-17:1	282	C18H34O2	1000336-38-0	64





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Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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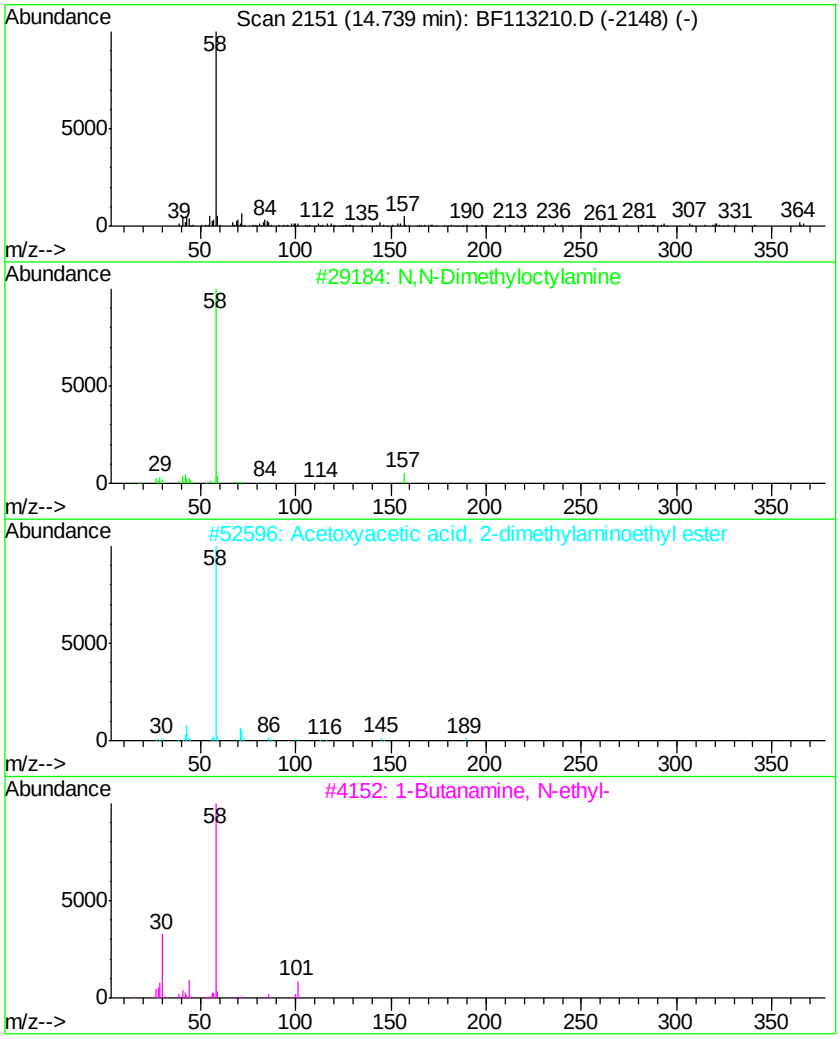
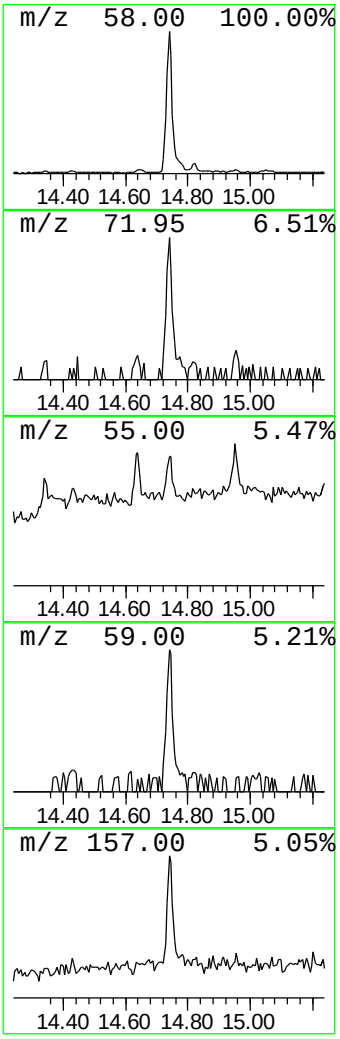
Peak Number 15 N,N-Dimethyloctylamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.12 ng	159014	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	Acetoxyacetic acid, 2-dimethylam...	189	C8H15NO4	1000331-22-6	64
3	1-Butanamine, N-ethyl-	101	C6H15N	013360-63-9	64
4	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64





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Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-032019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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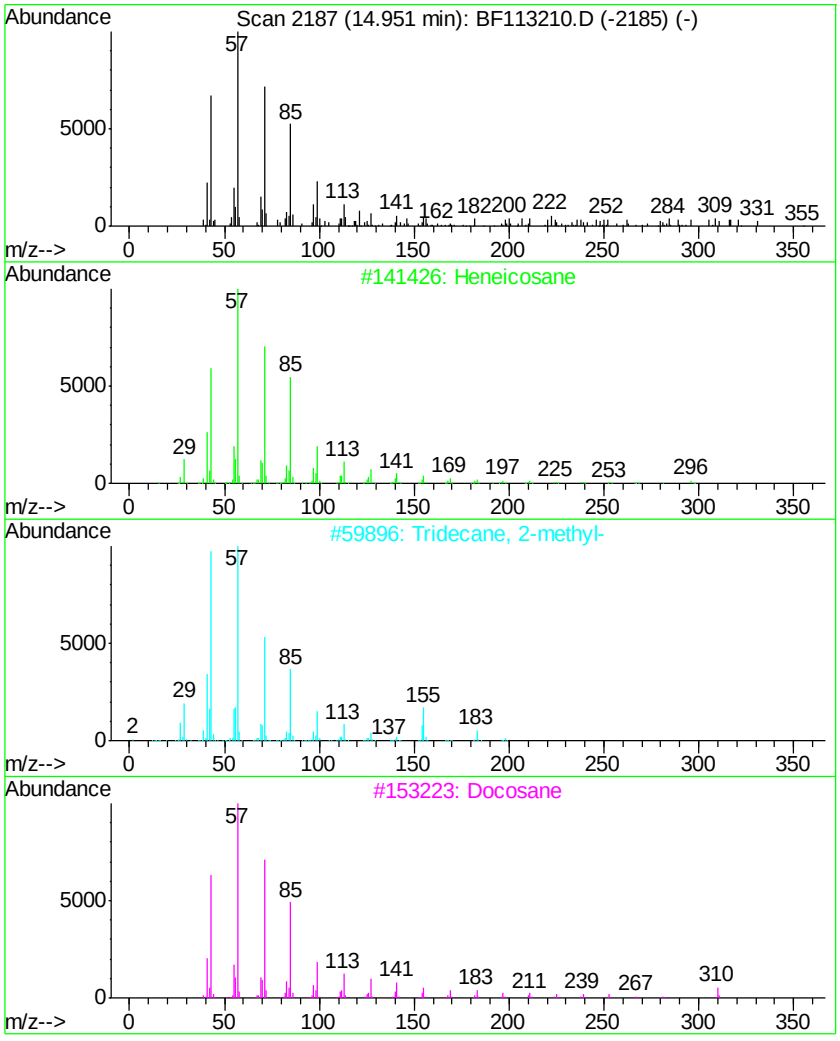
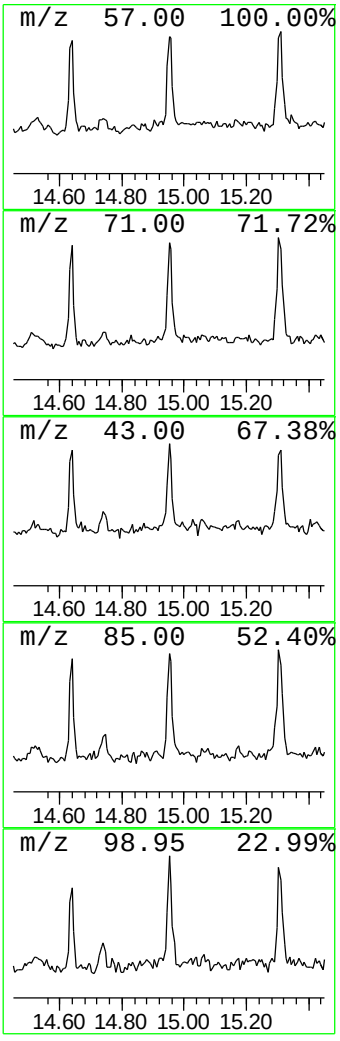
Peak Number 16 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.27 ng	87440	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
3	Docosane	310	C22H46	000629-97-0	64
4	Triacontane	422	C30H62	000638-68-6	52
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52





Tentatively Identified Compound (LSC) summary

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Data File : BF113210.D
Acq On : 21 Mar 2019 16:01
Operator : JU/SJ
Sample : K1690-01 10X
Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	7.3	ng	279969	1	6.72	764190	20.0
Hexadecane	9.17	2.2	ng	137611	3	9.76	1246060	20.0
Pentadecane	9.70	2.3	ng	142205	3	9.76	1246060	20.0
Tetradecane	10.20	2.7	ng	166945	3	9.76	1246060	20.0
Heptacosane	10.67	4.1	ng	254190	4	11.23	1234510	20.0
Tetracosane	11.12	2.6	ng	160830	4	11.23	1234510	20.0
Hexadecanoic acid...	11.63	16.7	ng	1029420	4	11.23	1234510	20.0
2-Bromo dodecane	11.95	2.2	ng	134693	4	11.23	1234510	20.0
9,12-Octadecadien...	12.32	40.3	ng	2485560	4	11.23	1234510	20.0
16-Octadecenoic a...	12.35	58.8	ng	3626990	4	11.23	1234510	20.0
Methyl stearate	12.43	6.9	ng	426039	4	11.23	1234510	20.0
11,14-Octadecadie...	12.66	2.4	ng	106486	5	13.86	892694	20.0
9-Octadecenoic ac...	13.07	2.9	ng	129874	5	13.86	892694	20.0
N,N-Dimethyloctyl...	14.74	4.1	ng	159014	6	15.27	771967	20.0
Docosane	14.95	2.3	ng	87440	6	15.27	771967	20.0