LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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	5.340	550	553	563	rBV	196307	249171	3.74%	0.853%
2	6.369	725	728	735	rBV	219553	271364	4.07%	0.929%
3	6.498	747	750	757	rBV	312954	294719	4.42%	1.008%
4	6.728	786	789	798	rBV	828682	733725	11.01%	2.511%
5	6.886	812	816	824	rBV	269183	263657	3.96%	0.902%
6	7.286	878	884	891	rBV	140124	178235	2.68%	0.610%
7	8.010	1003	1007	1014	rBV	1038088	996519	14.96%	3.410%
8	8.616	1105	1110	1117	rBV	163234	190777	2.86%	0.653%
9	8.833	1141	1147	1152	rBV5	48003	75223	1.13%	0.257%
10	9.086	1186	1190	1195	rBV	352660	344649	5.17%	1.179%
11	9.175	1202	1205	1209	rBV	230522	201852	3.03%	0.691%
12	9.498	1254	1260	1261	rBV4	73966	109348	1.64%	0.374%
13	9.704	1292	1295	1299	rBV	261788	210815	3.16%	0.721%
14	9.763	1299	1305	1309	rBV	1163667	1105229	16.59%	3.782%
15	9.933	1329	1334	1337	rBV3	40689	73256	1.10%	0.251%
16	10.198	1376	1379	1383	rBV	243267	222713	3.34%	0.762%
17	10.422	1410	1417	1420	rBV	102924	135336	2.03%	0.463%
18	10.545	1434	1438	1443	rBV3	188813	232375	3.49%	0.795%
19	10.674	1457	1460	1467	rBV	258602	302962	4.55%	1.037%
20	11.122	1532	1536	1538	rBV	201950	185190	2.78%	0.634%
21	11.151	1538	1541	1545	rVB2	89473	95674	1.44%	0.327%
22	11.239	1553	1556	1559	rBV	1103045	1016394	15.26%	3.478%
23	11.263	1559	1560	1564	rVB	183440	116686	1.75%	0.399%
24	11.545	1605	1608	1610	rBV	211661	179866	2.70%	0.615%
25	11.563	1610	1611	1615	rVB2	117088	86026	1.29%	0.294%
26	11.645	1621	1625	1628	rBV	2467137	2274442	34.14%	7.782%
27	11.774	1644	1647	1650	rBV2	79507	85452	1.28%	0.292%
28	11.851	1656	1660	1663	rBV3	69636	86682	1.30%	0.297%
29	11.951	1671	1677	1684	rBV	168949	206915	3.11%	0.708%
30	12.327	1737	1741	1743	rBV	5274776	5731525	86.04%	19.611%
31	12.351	1743	1745	1751	rVV	6378656	6661166	100.00%	22.792%
32	12.398	1751	1753	1755	rVB	92821	73466	1.10%	0.251%
33	12.433	1755	1759	1761	rBV	1111592	1109869	16.66%	3.798%
34	12.451	1761	1762	1765	rVB	376141	192798	2.89%	0.660%

LSC Area Percent Report

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Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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	12.674	1795	1800	1803	rBV2	425640	595156	8.93%	2.036%
36	12.704	1803	1805	1808	rVB2	114017	96813	1.45%	0.331%
37	12.821	1821	1825	1830	rVB	399311	378316	5.68%	1.294%
38	12.986	1850	1853	1855	rBV2	182201	183451	2.75%	0.628%
39	13.004	1855	1856	1863	rVV3	168192	231932	3.48%	0.794%
40	13.074	1863	1868	1871	rVV2	241355	327868	4.92%	1.122%
41	13.151	1878	1881	1884	rBV	199329	170536	2.56%	0.584%
42	13.404	1921	1924	1927	rBV	84034	75019	1.13%	0.257%
43	13.815	1992	1994	1998	rBV	141145	140666	2.11%	0.481%
44	13.868	1998	2003	2006	rBV2	1208322	1260330	18.92%	4.312%
45	14.045	2031	2033	2037	rVB2	93591	76984	1.16%	0.263%
46	14.351	2082	2085	2087	rBV	136850	154775	2.32%	0.530%
47	14.745	2149	2152	2162	rVB	233199	345375	5.18%	1.182%
48	14.880	2172	2175	2182	rBV	129175	234014	3.51%	0.801%
49	15.280	2239	2243	2246	rBV	540855	660537	9.92%	2.260%

Sum of corrected areas: 29225848

LSC Report - Integrated Chromatogram

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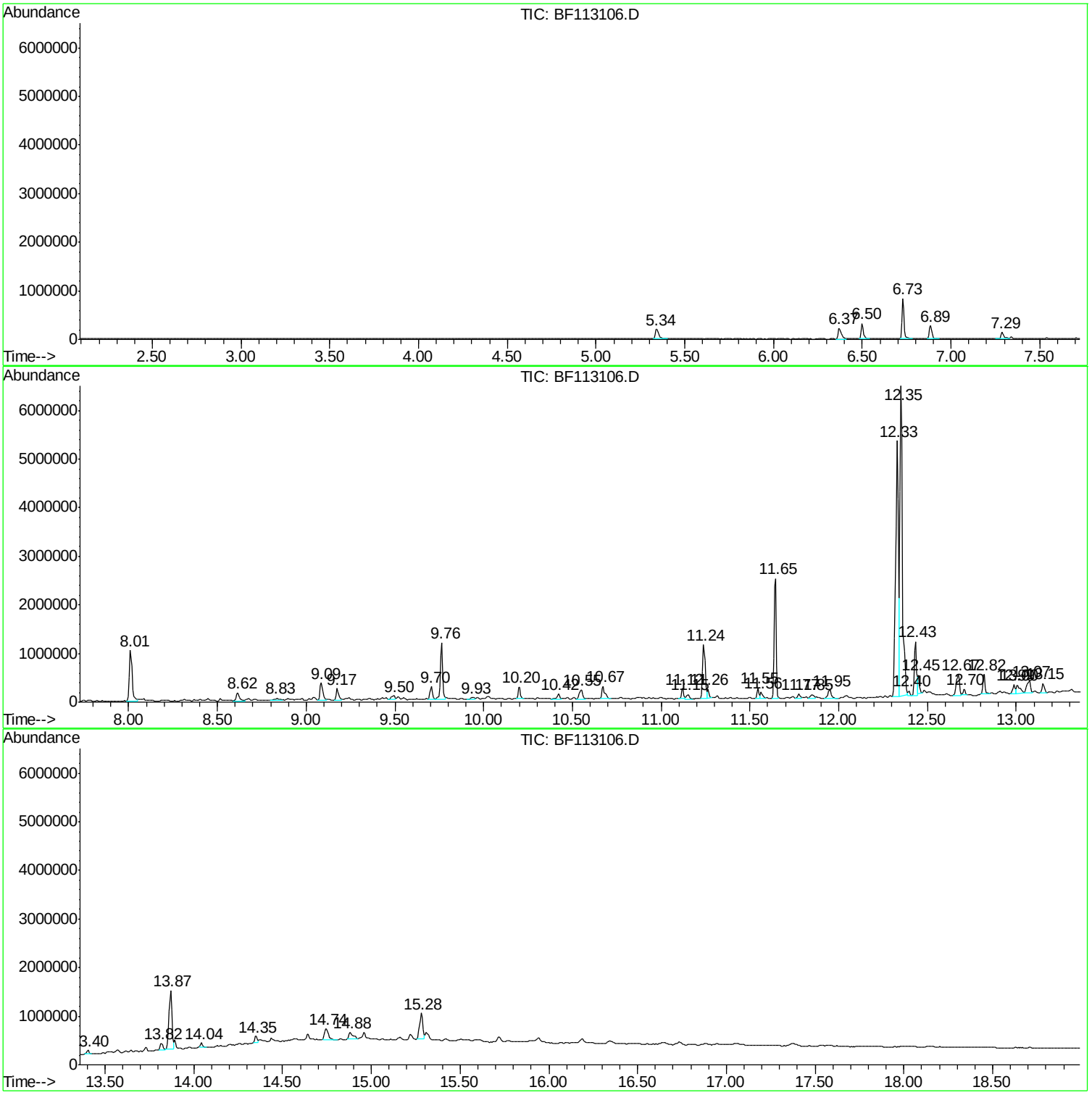
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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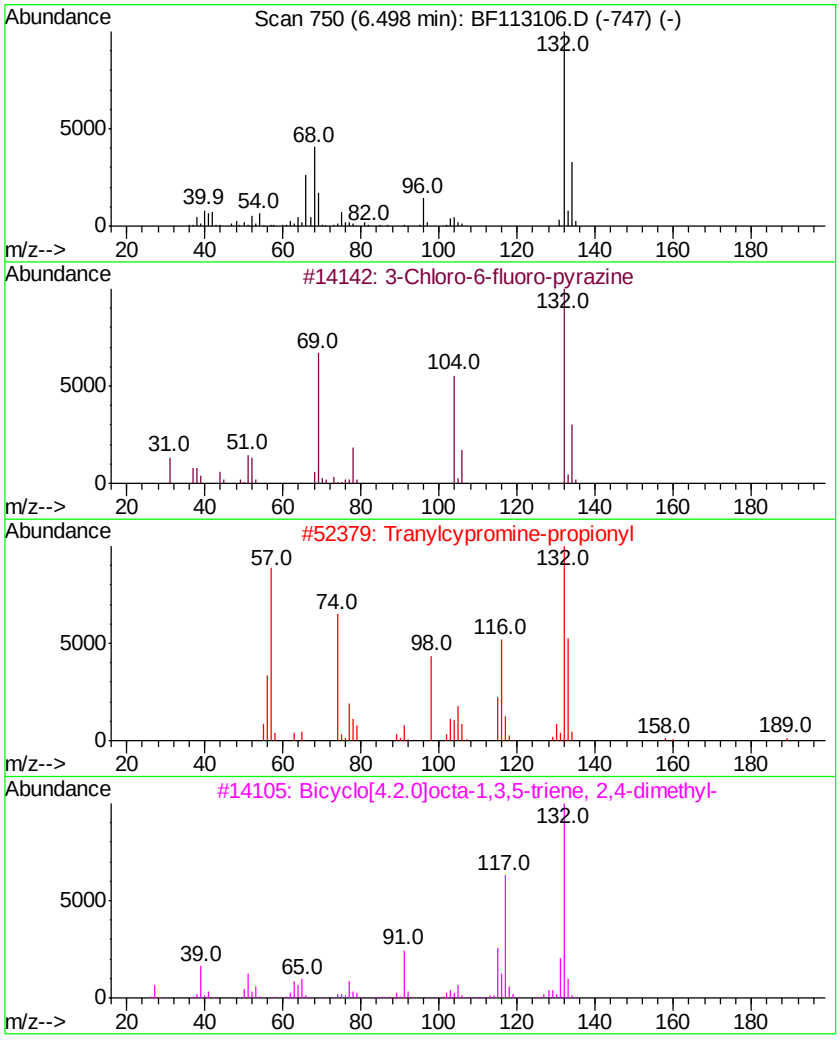
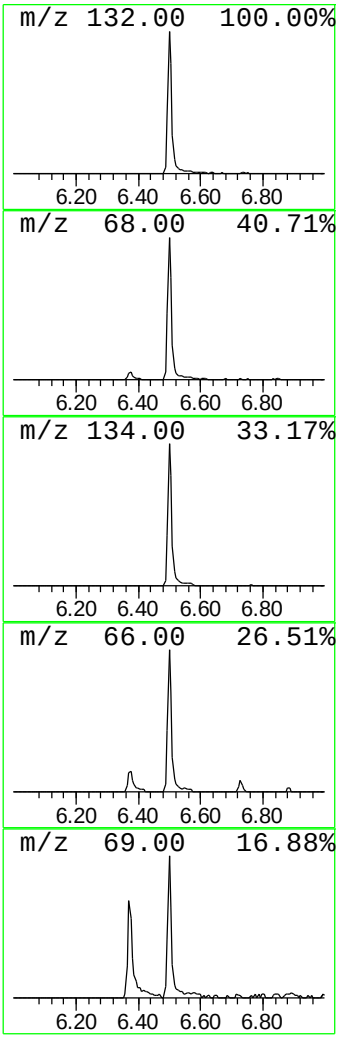
Peak Number 1 unknown6.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	8.03 ng	294719	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Aminoindan	133	C9H11N	034698-41-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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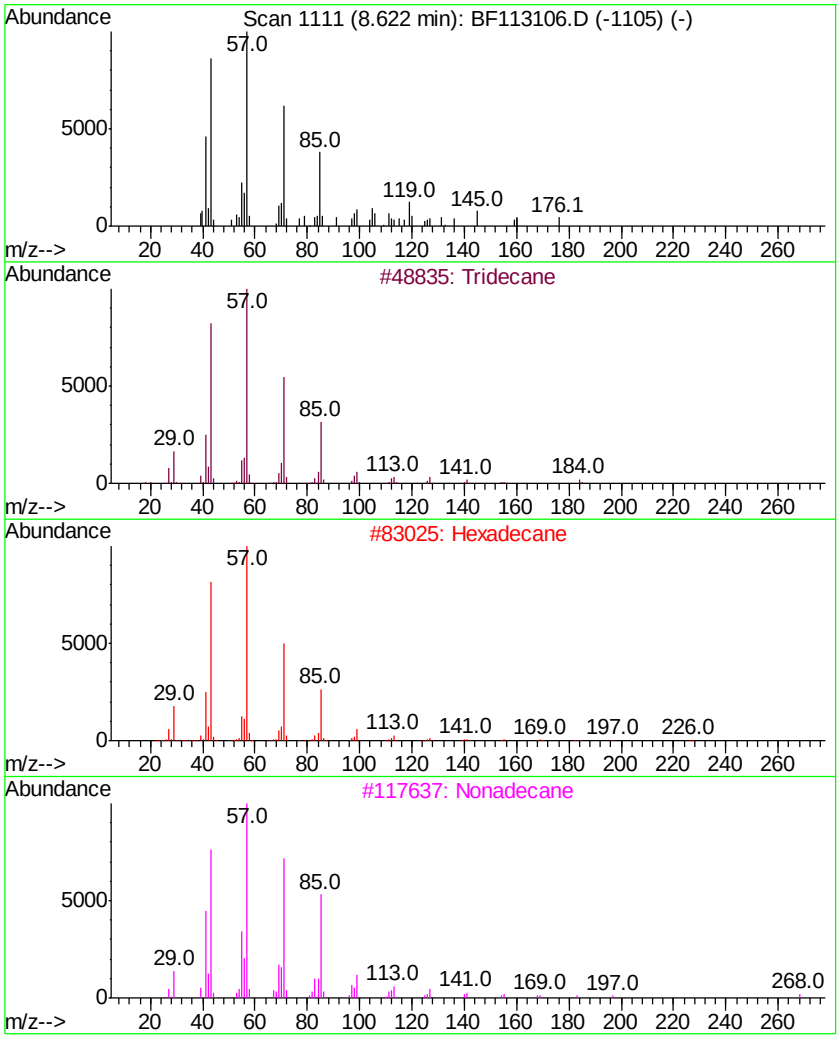
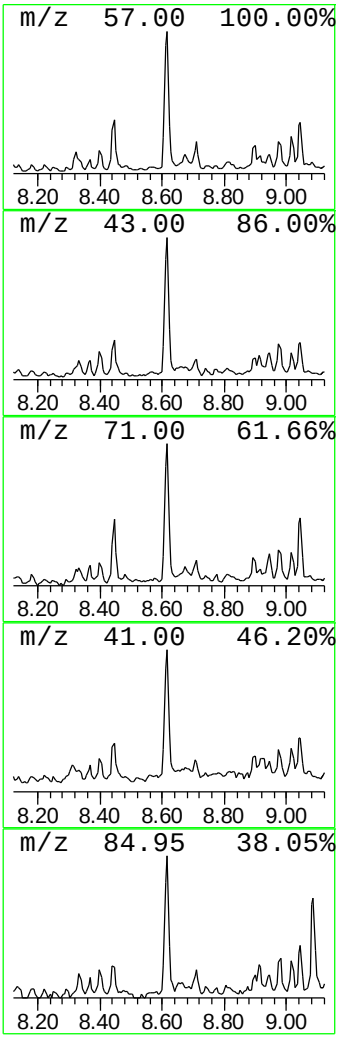
Peak Number 3 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.83 ng	190777	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	87
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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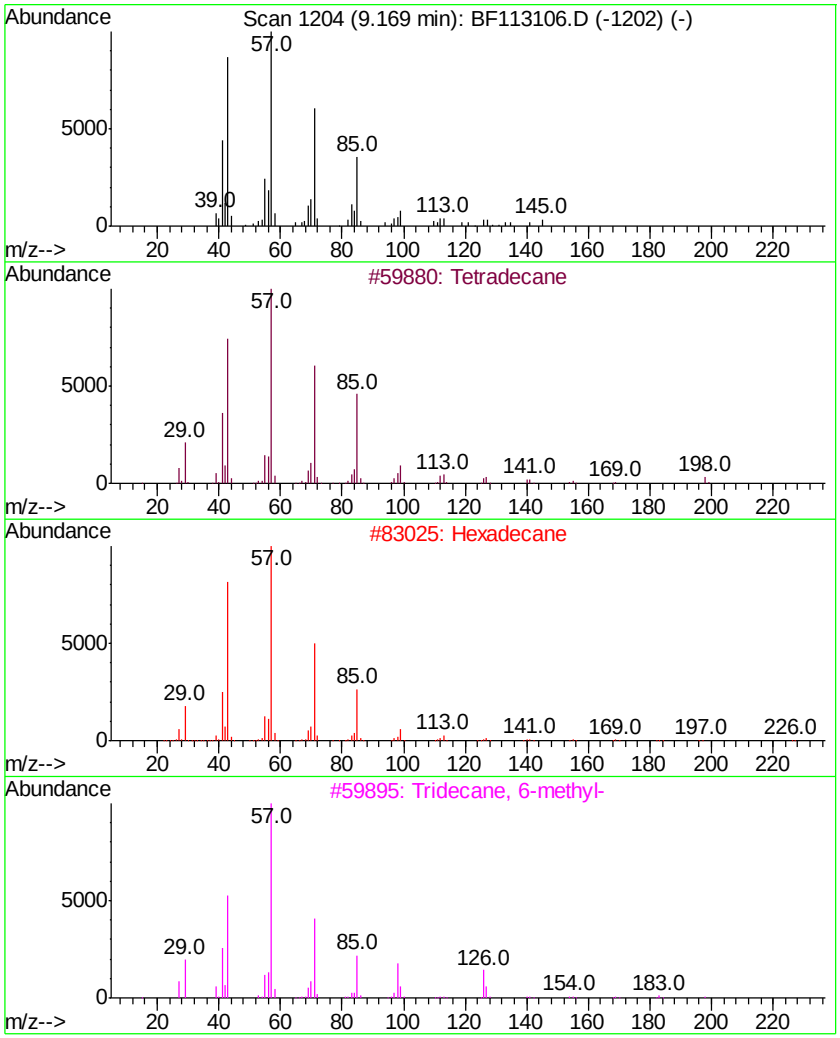
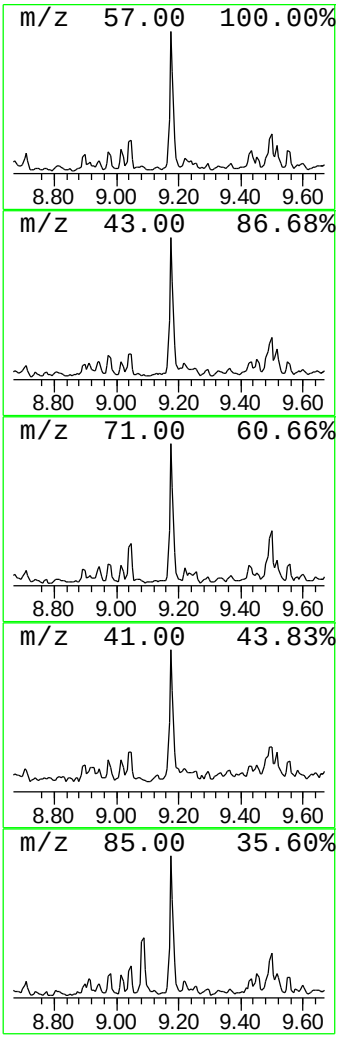
Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.65 ng	201852	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Undecane	156	C11H24	001120-21-4	83
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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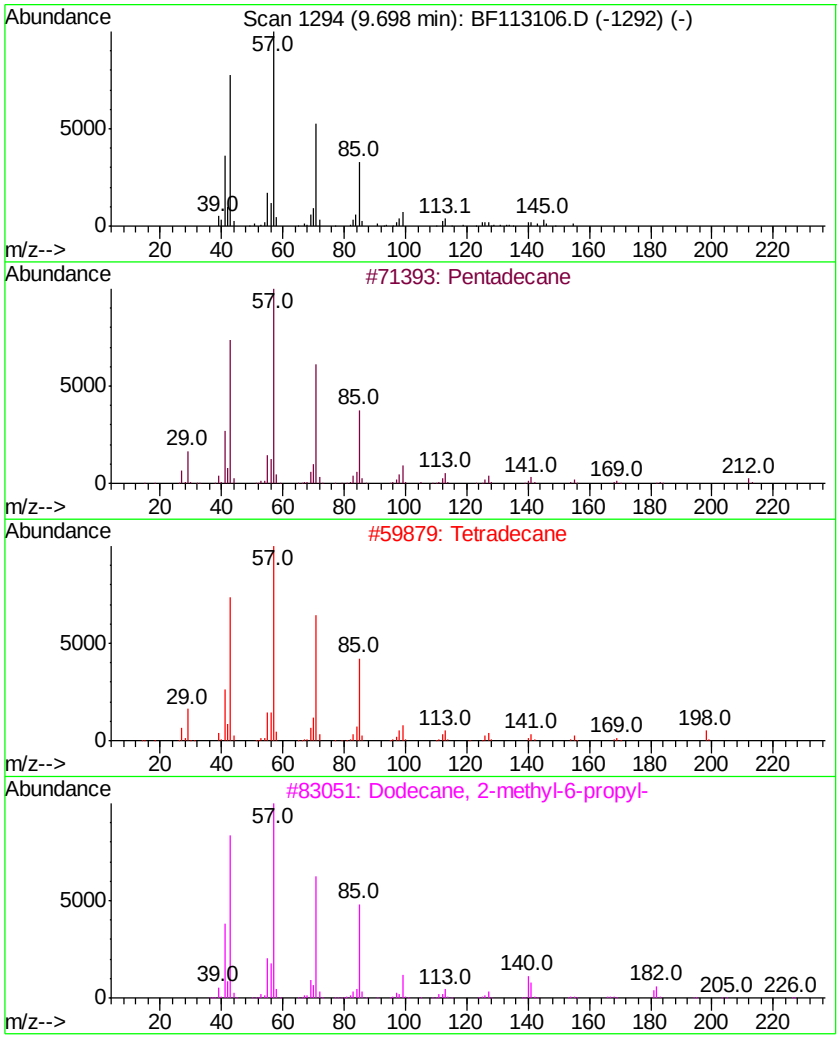
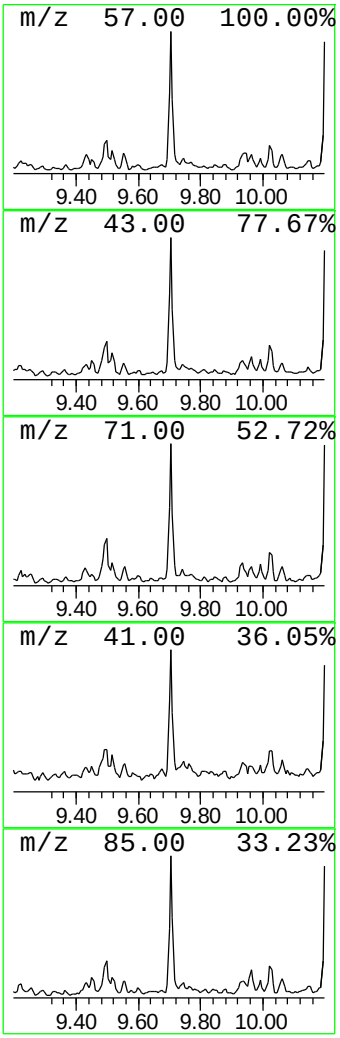
Peak Number 5 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.81 ng	210815	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Dodecane	170	C12H26	000112-40-3	80
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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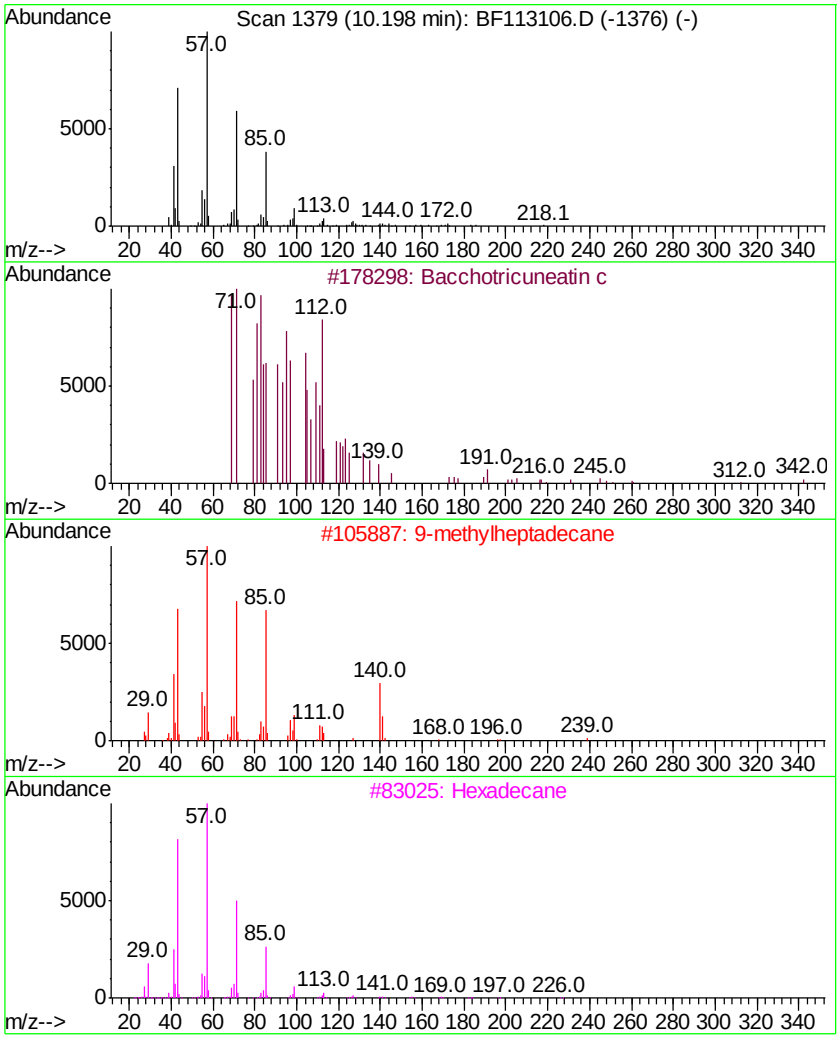
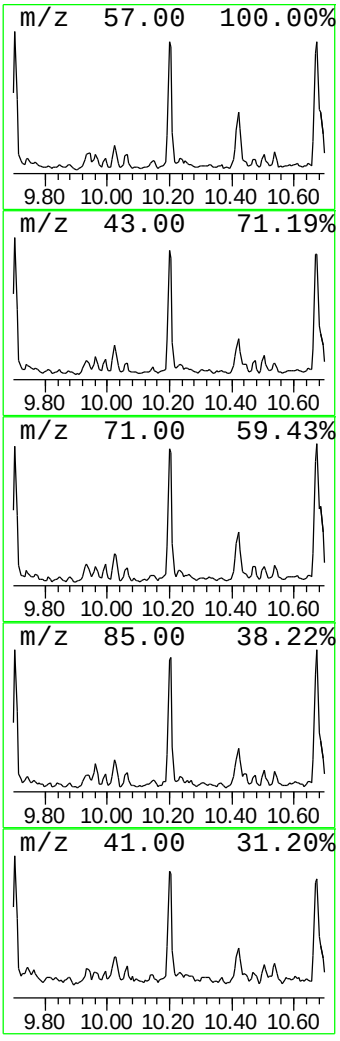
Peak Number 6 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.03 ng	222713	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	9-methylheptadecane	254	C18H38	026741-18-4	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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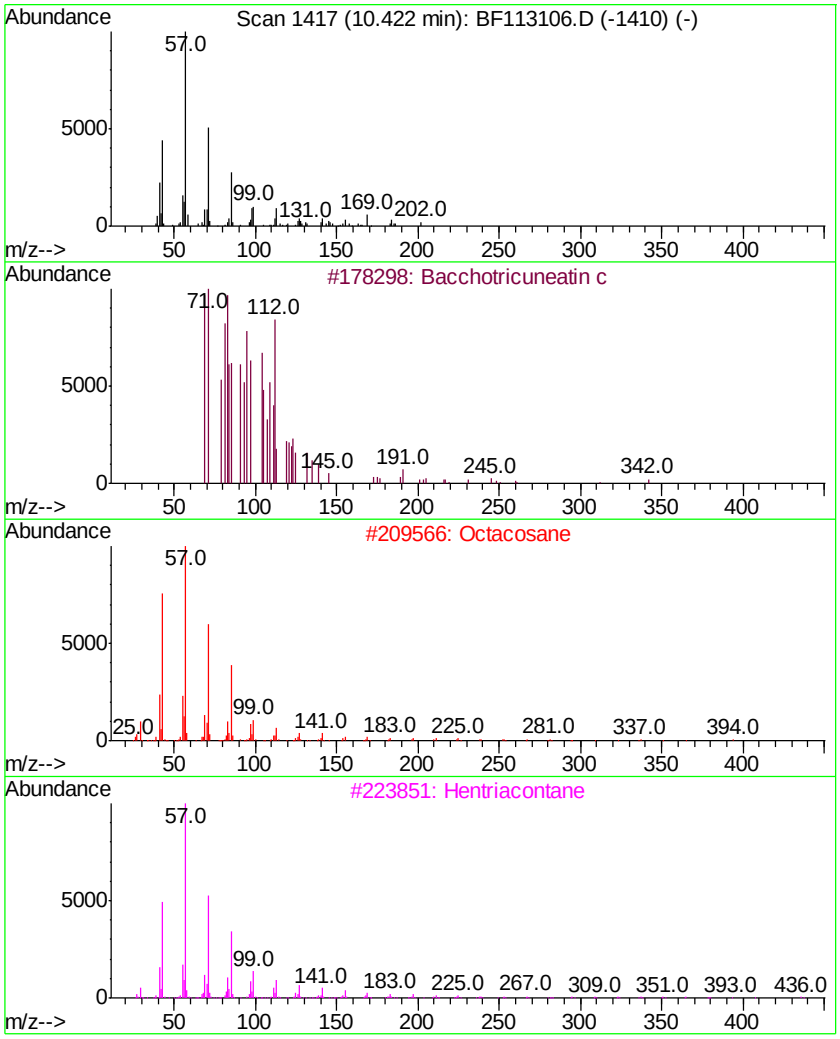
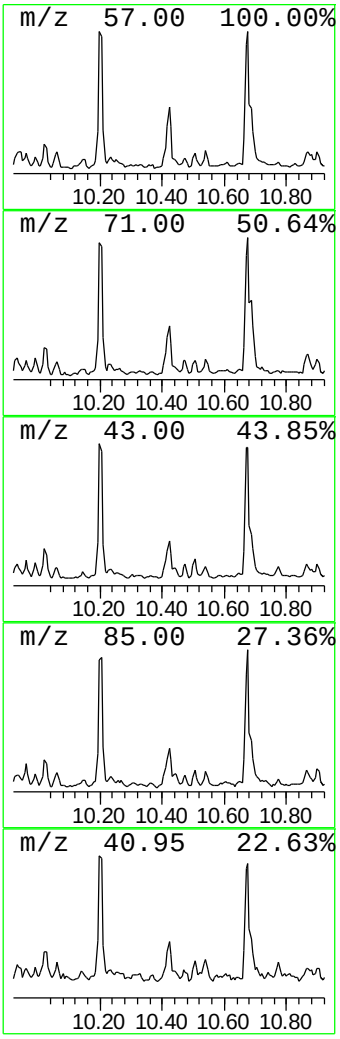
Peak Number 7 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.45 ng	135336	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Hentriacontane	437	C31H64	000630-04-6	78
4	Heptacosane	380	C27H56	000593-49-7	72
5	Docosane	310	C22H46	000629-97-0	72





Library Search Compound Report

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Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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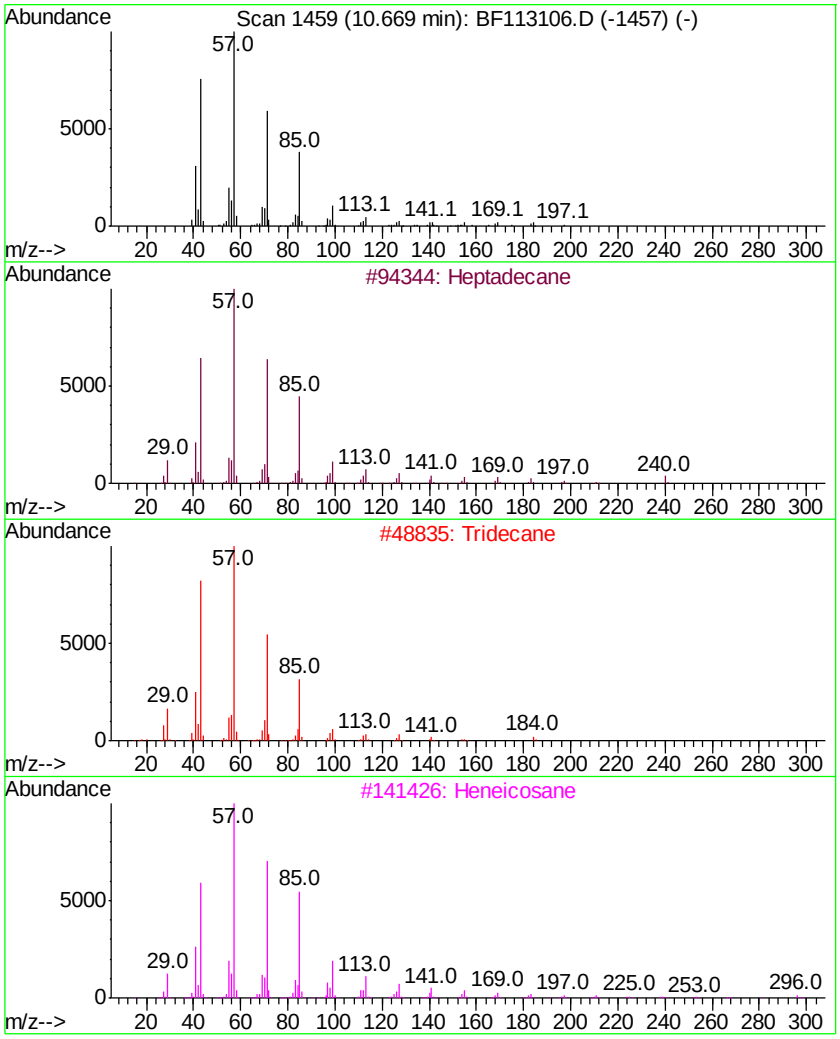
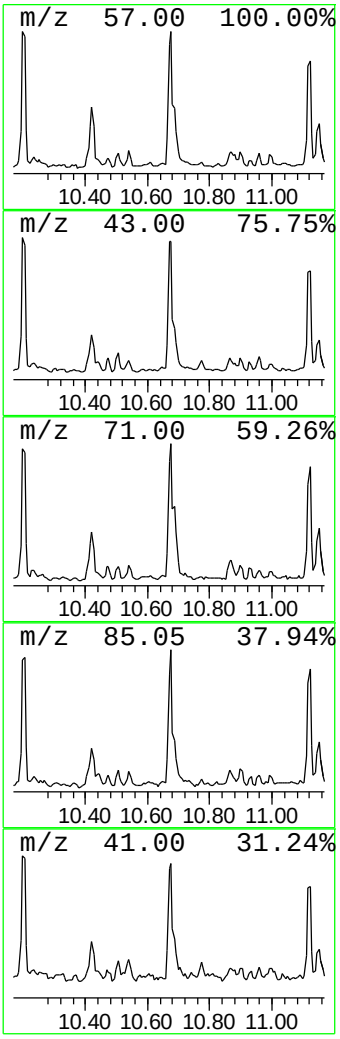
Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.96 ng	302962	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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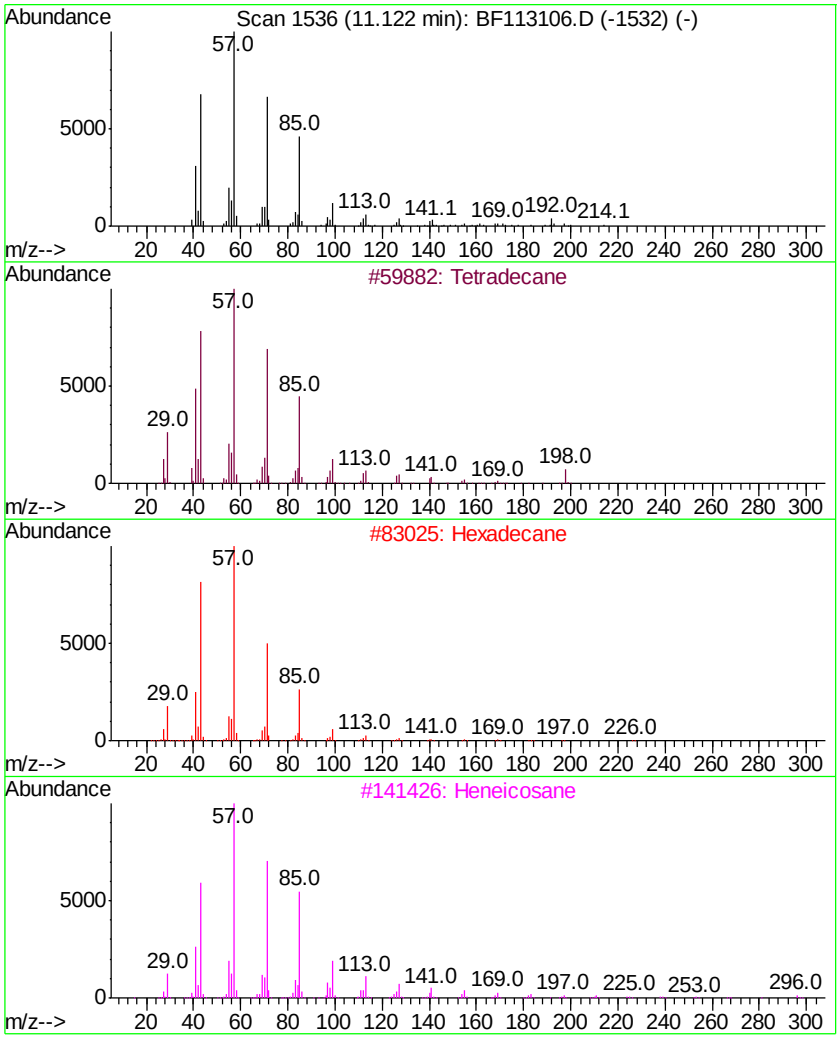
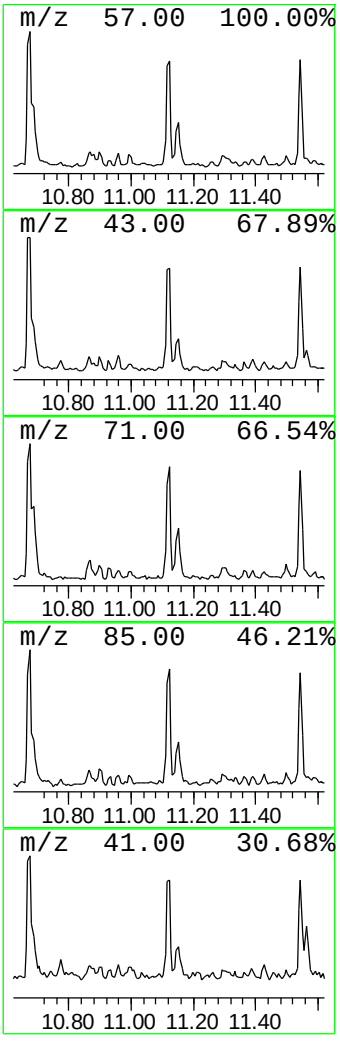
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.64 ng	185190	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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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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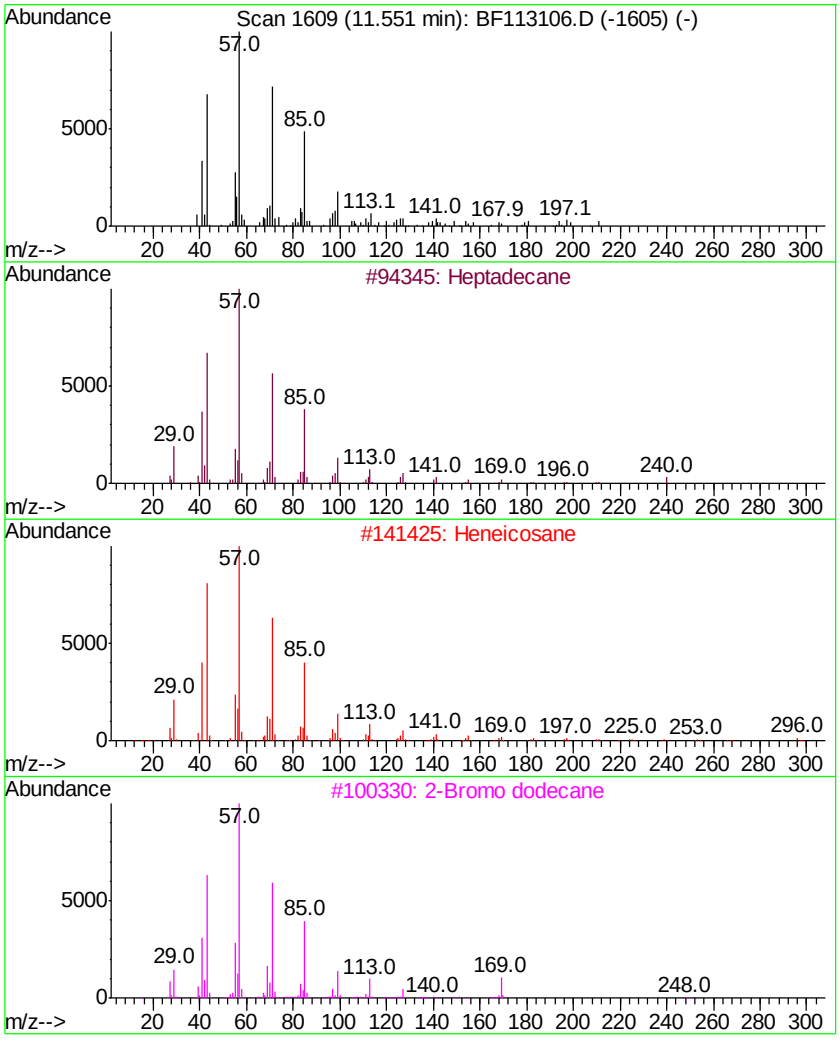
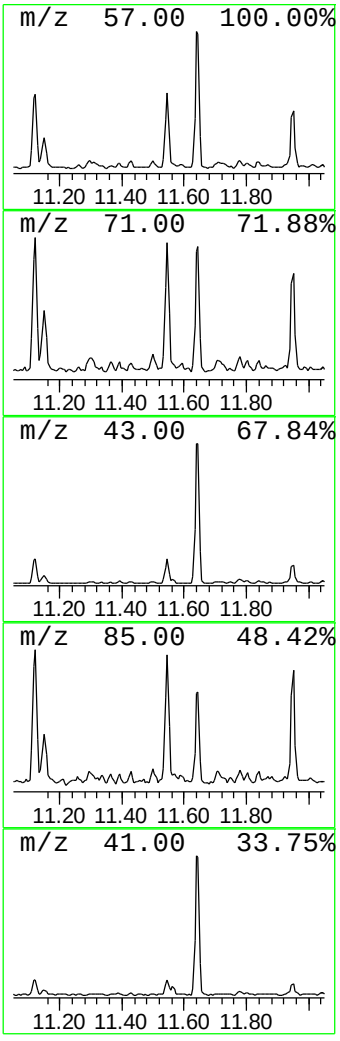
Peak Number 10 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	3.54 ng	179866	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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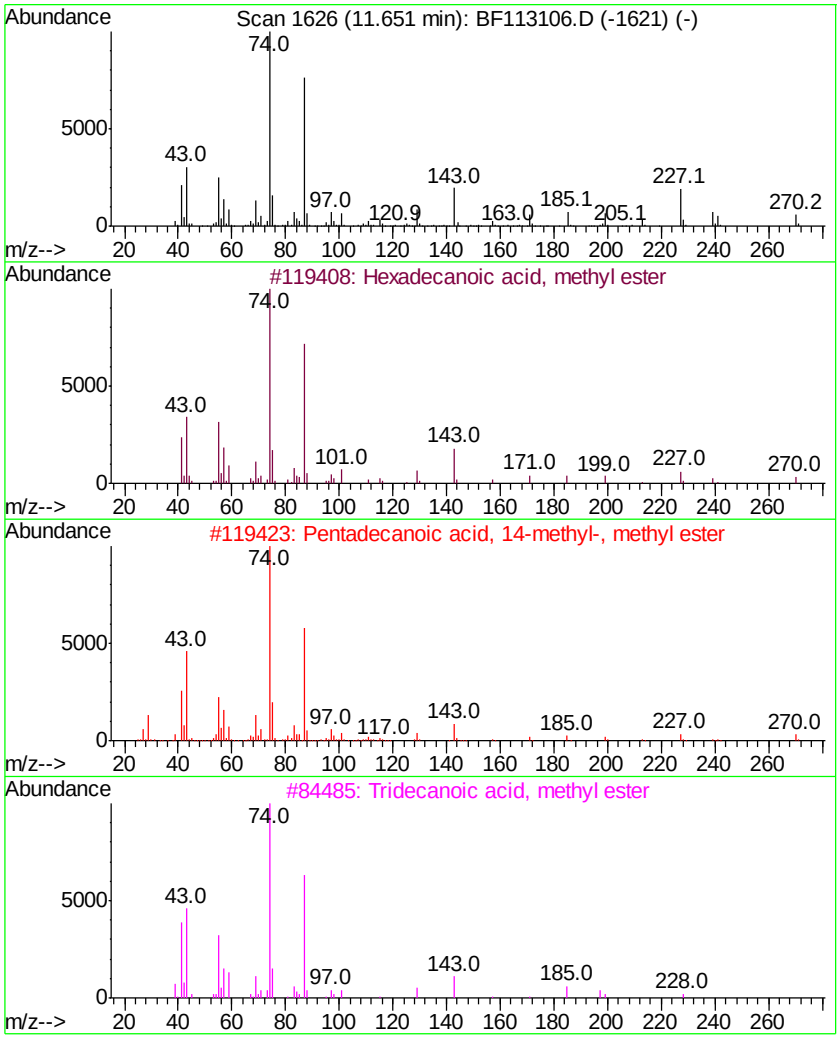
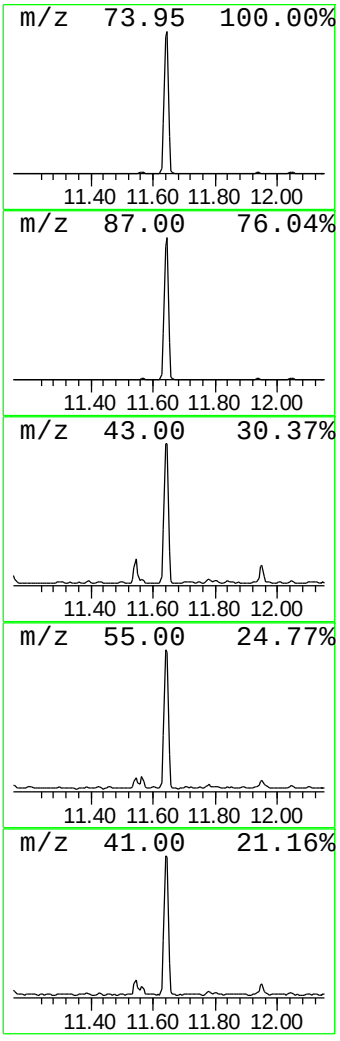
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	44.76 ng	2274440	Phenanthrene-d10	11.24

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	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83





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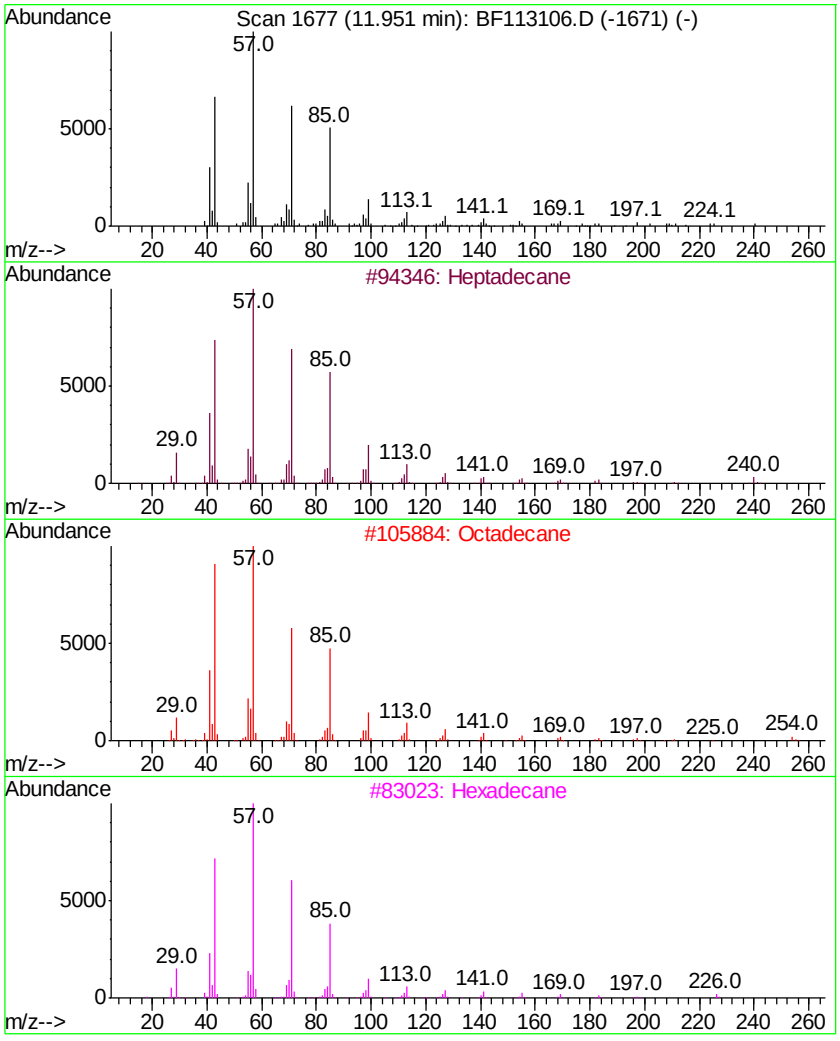
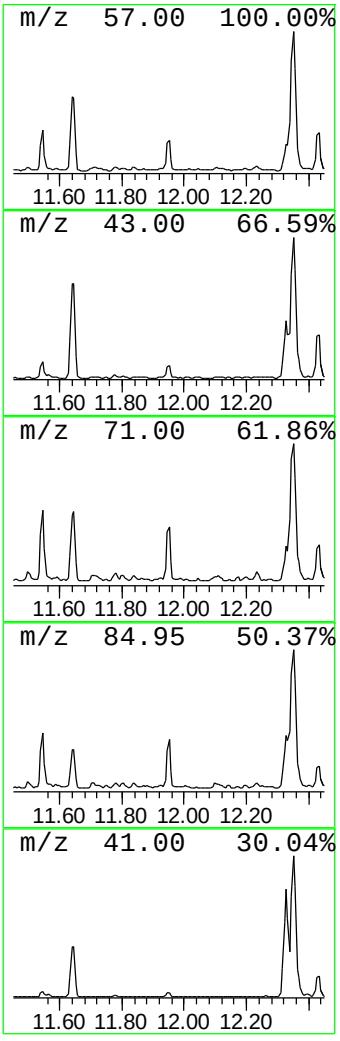
Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.07 ng	206915	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	86
5	Octacosane	394	C28H58	000630-02-4	81





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-031519-A

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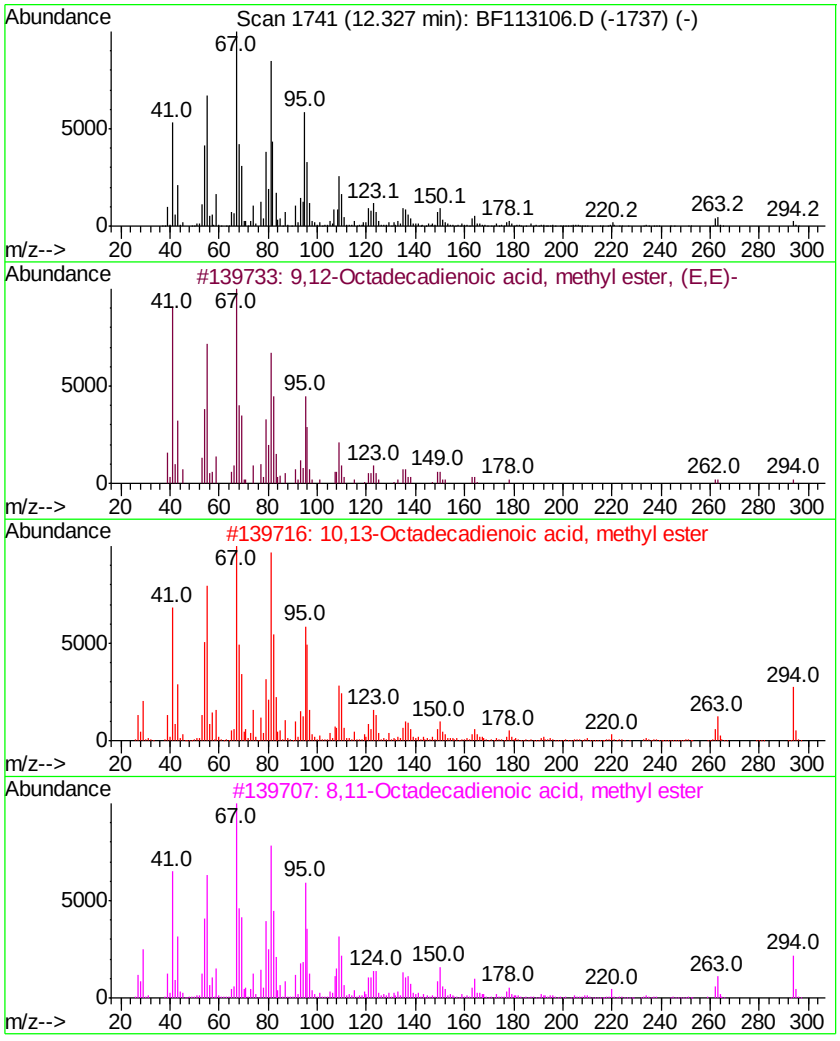
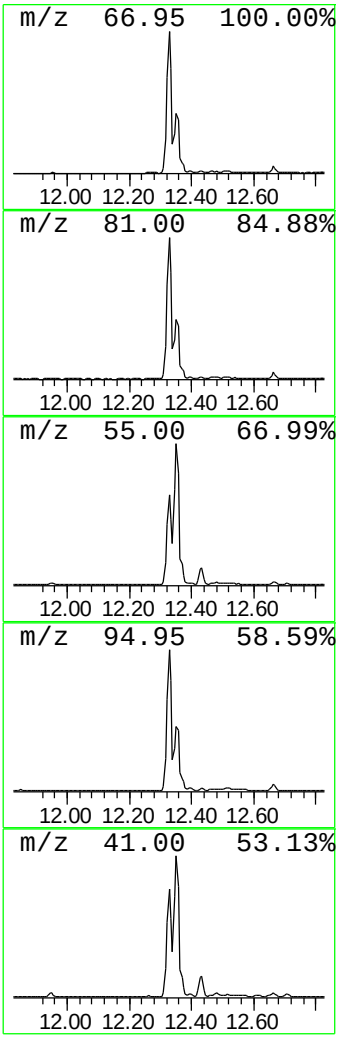
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	112.78 ng	5731530	Phenanthrene-d10	11.24

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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Sample : K1697-09 10X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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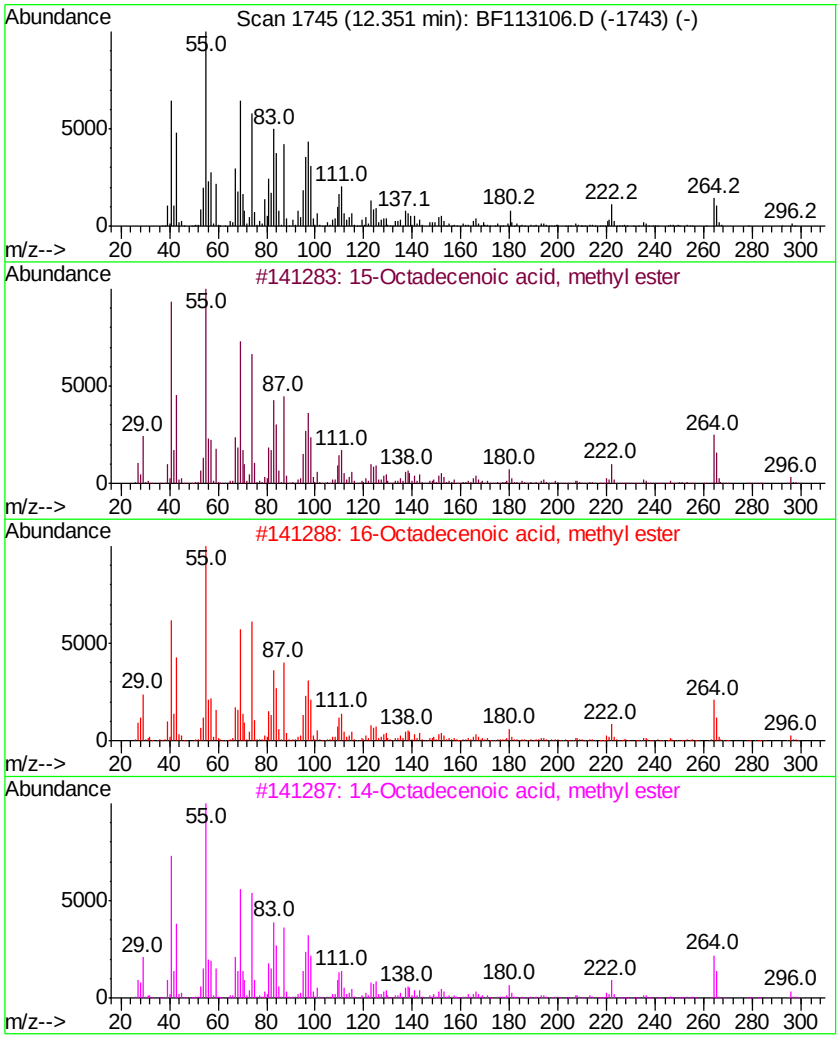
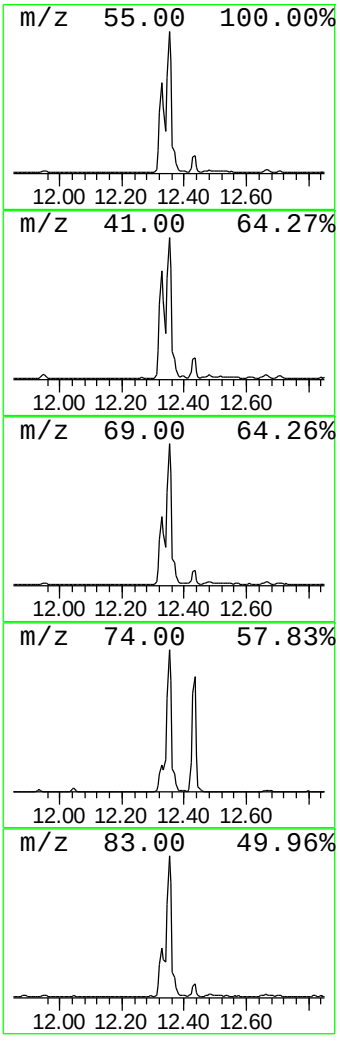
Peak Number 14 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	131.07 ng	6661170	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





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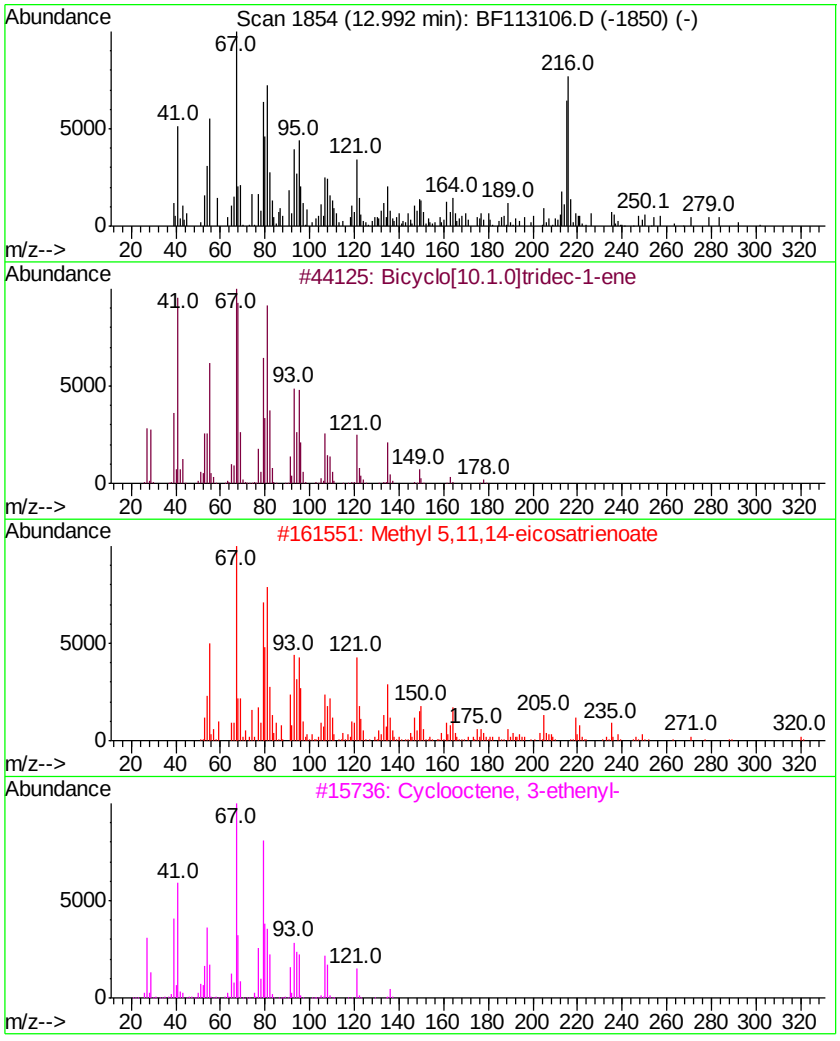
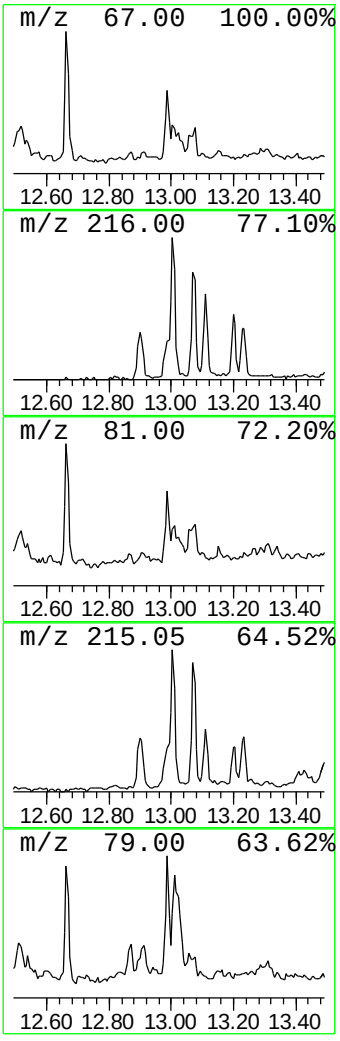
Peak Number 15 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.91 ng	183451	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	83
2	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	70
3	Cyclooctene, 3-ethenyl-	136	C10H16	002213-60-7	70
4	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	53
5	1,4,9-Decatriene, (Z)-	136	C10H16	1000155-93-2	53





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ClientSampleId :
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Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.68 ng	231932	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52