LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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	5.334	548	552	562	rBV	600382	616489	13.85%	2.142%
2	6.363	723	727	743	rBV	684819	711720	15.99%	2.473%
3	6.498	746	750	759	rBV	819408	714219	16.04%	2.481%
4	6.734	786	790	799	rBV	1165870	1056650	23.74%	3.671%
5	6.887	813	816	827	rVB	654368	557819	12.53%	1.938%
6	7.287	877	884	891	rBV	373572	409847	9.21%	1.424%
7	8.010	1003	1007	1014	rBV	1338626	1375989	30.91%	4.780%
8	8.316	1054	1059	1062	rBV5	40304	63204	1.42%	0.220%
9	8.451	1079	1082	1086	rBV3	49136	56210	1.26%	0.195%
10	8.522	1090	1094	1097	rBV2	57072	66425	1.49%	0.231%
11	8.616	1106	1110	1117	rBV	167606	197309	4.43%	0.685%
12	8.710	1124	1126	1133	rVB5	35438	51482	1.16%	0.179%
13	8.839	1142	1148	1153	rBV4	59763	91704	2.06%	0.319%
14	9.045	1181	1183	1186	rVB2	61502	55375	1.24%	0.192%
15	9.086	1186	1190	1196	rBV	822001	757184	17.01%	2.631%
16	9.181	1203	1206	1210	rBV	217485	184138	4.14%	0.640%
17	9.486	1254	1258	1259	rBV2	63132	72382	1.63%	0.251%
18	9.710	1293	1296	1300	rBV	203341	186983	4.20%	0.650%
19	9.763	1300	1305	1312	rBV	1532468	1453896	32.66%	5.051%
20	9.939	1331	1335	1338	rBV5	34410	56498	1.27%	0.196%
21	10.028	1347	1350	1354	rVB3	44145	49136	1.10%	0.171%
22	10.204	1377	1380	1384	rBV	221315	176352	3.96%	0.613%
23	10.428	1410	1418	1420	rBV	80912	105696	2.37%	0.367%
24	10.545	1434	1438	1443	rBV	415418	423376	9.51%	1.471%
25	10.675	1457	1460	1468	rBV	235349	251656	5.65%	0.874%
26	11.122	1533	1536	1539	rBV	172658	150696	3.39%	0.524%
27	11.151	1539	1541	1548	rVB	65049	64758	1.45%	0.225%
28	11.239	1552	1556	1564	rBV	1262011	1258450	28.27%	4.372%
29	11.545	1605	1608	1610	rBV	145287	120091	2.70%	0.417%
30	11.645	1621	1625	1633	rVB	2062507	1730201	38.87%	6.011%
31	11.774	1644	1647	1656	rBV2	149982	186070	4.18%	0.646%
32	11.951	1671	1677	1684	rBV	126717	147490	3.31%	0.512%
33	12.327	1737	1741	1743	rBV	4441105	4451604	100.00%	15.465%
34	12.351	1743	1745	1751	rVV	4859751	4208754	94.54%	14.622%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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	12.433	1755	1759	1763	rBV2	866776	798980	17.95%	2.776%
36	12.480	1765	1767	1771	rVB	127071	119941	2.69%	0.417%
37	12.557	1778	1780	1786	rVB2	59290	69863	1.57%	0.243%
38	12.669	1795	1799	1803	rBV2	235183	268255	6.03%	0.932%
39	12.710	1803	1806	1813	rVB2	87592	93476	2.10%	0.325%
40	12.816	1821	1824	1830	rBV	626861	595441	13.38%	2.069%
41	12.986	1850	1853	1855	rBV	121369	117818	2.65%	0.409%
42	13.010	1855	1857	1859	rVV3	117256	135310	3.04%	0.470%
43	13.063	1863	1866	1871	rVB3	117911	191609	4.30%	0.666%
44	13.151	1879	1881	1885	rBV	114470	110834	2.49%	0.385%
45	13.310	1905	1908	1912	rVB4	59594	61191	1.37%	0.213%
46	13.404	1921	1924	1927	rBV	71813	62402	1.40%	0.217%
47	13.727	1976	1979	1988	rVB	100393	115059	2.58%	0.400%
48	13.821	1992	1995	1997	rBV	76176	72724	1.63%	0.253%
49	13.863	1998	2002	2012	rVB	1351676	1440056	32.35%	5.003%
50	14.045	2030	2033	2037	rVB	125365	103859	2.33%	0.361%
51	14.345	2081	2084	2088	rBV	171951	168845	3.79%	0.587%
52	14.645	2132	2135	2140	rVB	220595	218440	4.91%	0.759%
53	14.963	2185	2189	2194	rVB	214755	256855	5.77%	0.892%
54	15.274	2237	2242	2246	rBV	888513	1106921	24.87%	3.846%
55	15.315	2246	2249	2254	rVB	216778	271307	6.09%	0.943%
56	15.721	2314	2318	2323	rBV2	143016	204146	4.59%	0.709%
57	16.192	2394	2398	2402	rVB2	89401	141387	3.18%	0.491%

Sum of corrected areas: 28784572

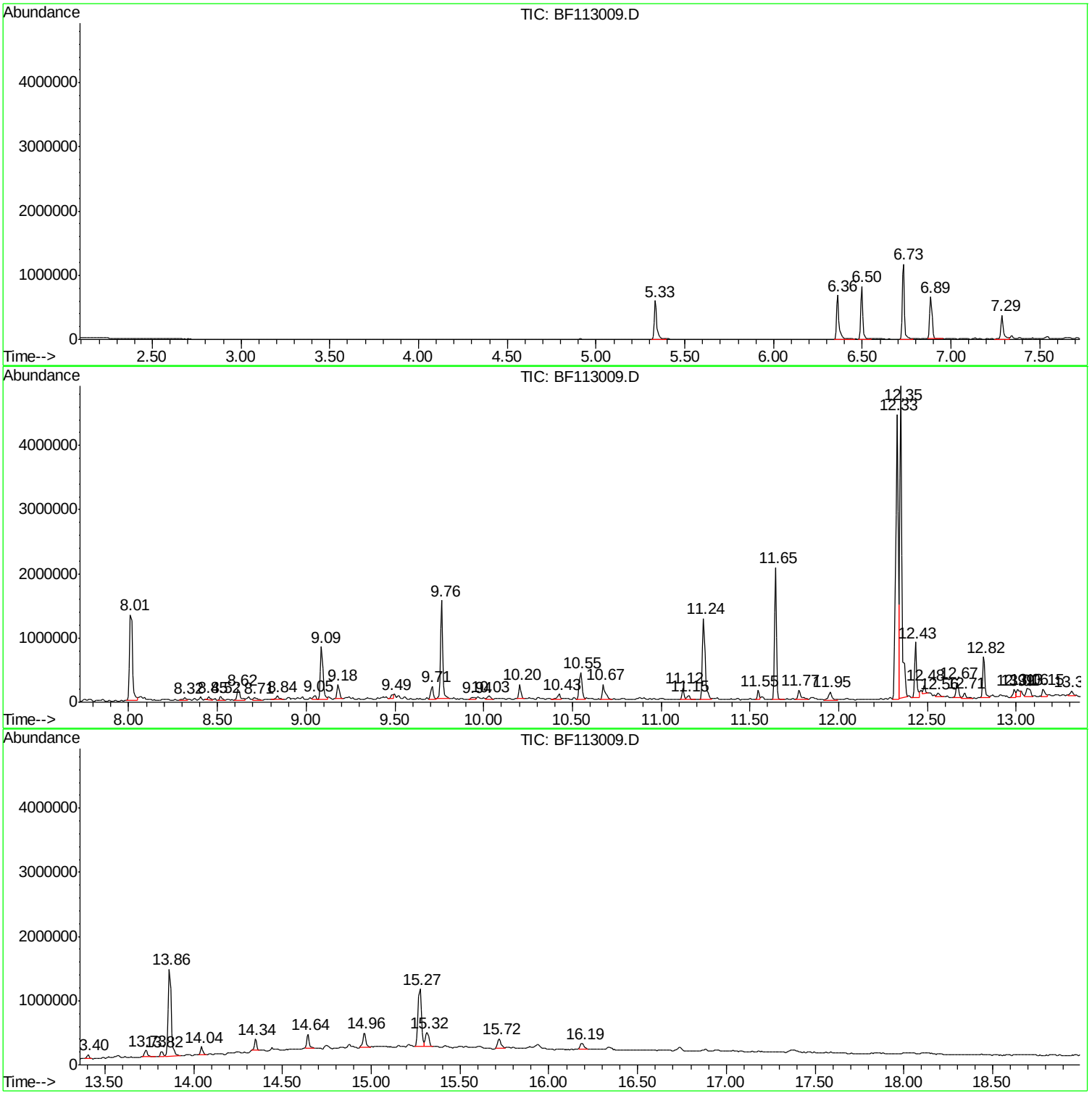
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-031119-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\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-A

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

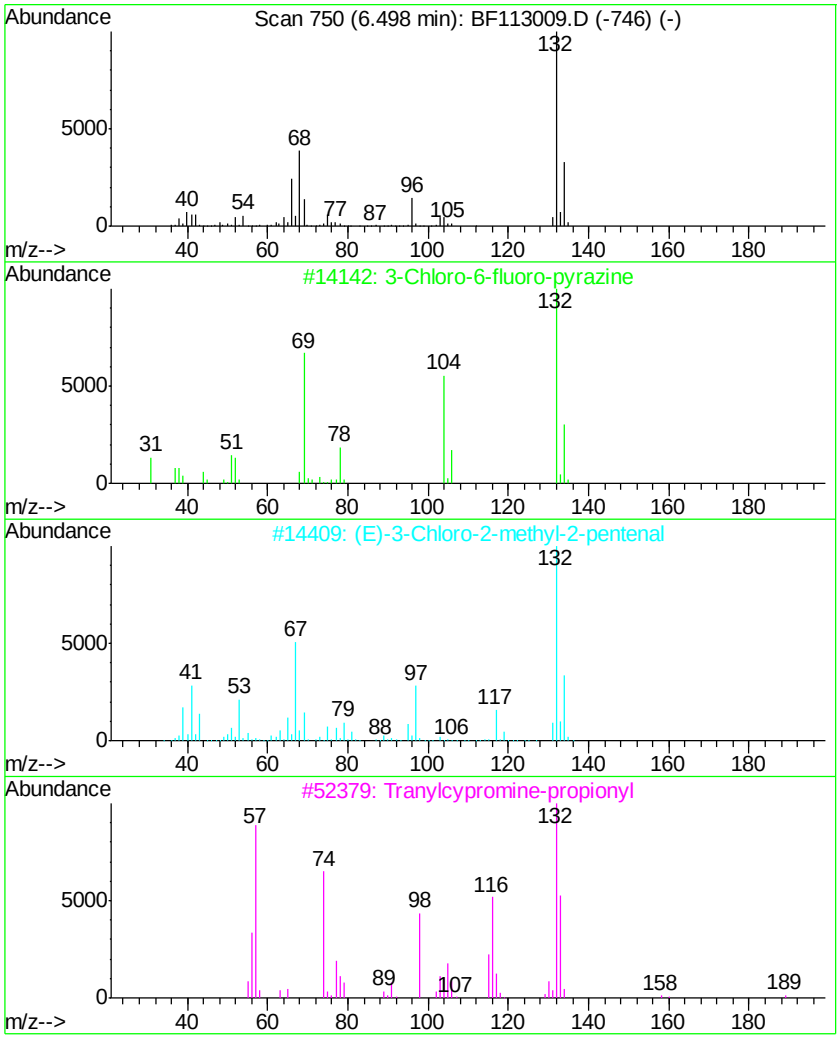
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

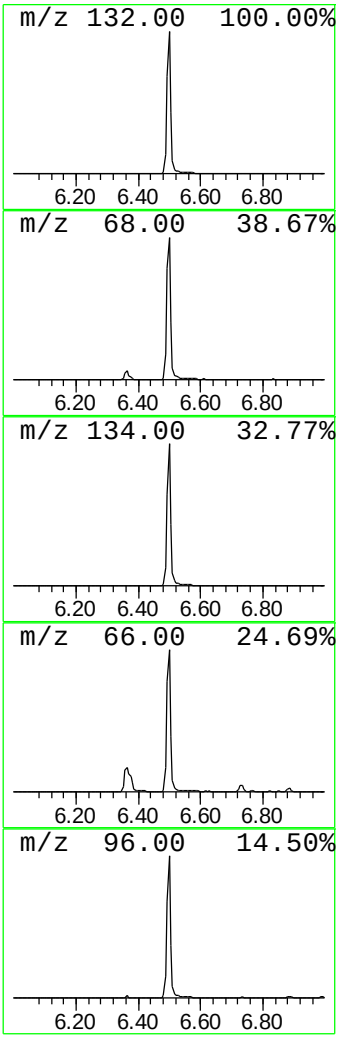
****

Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	13.52 ng	714219	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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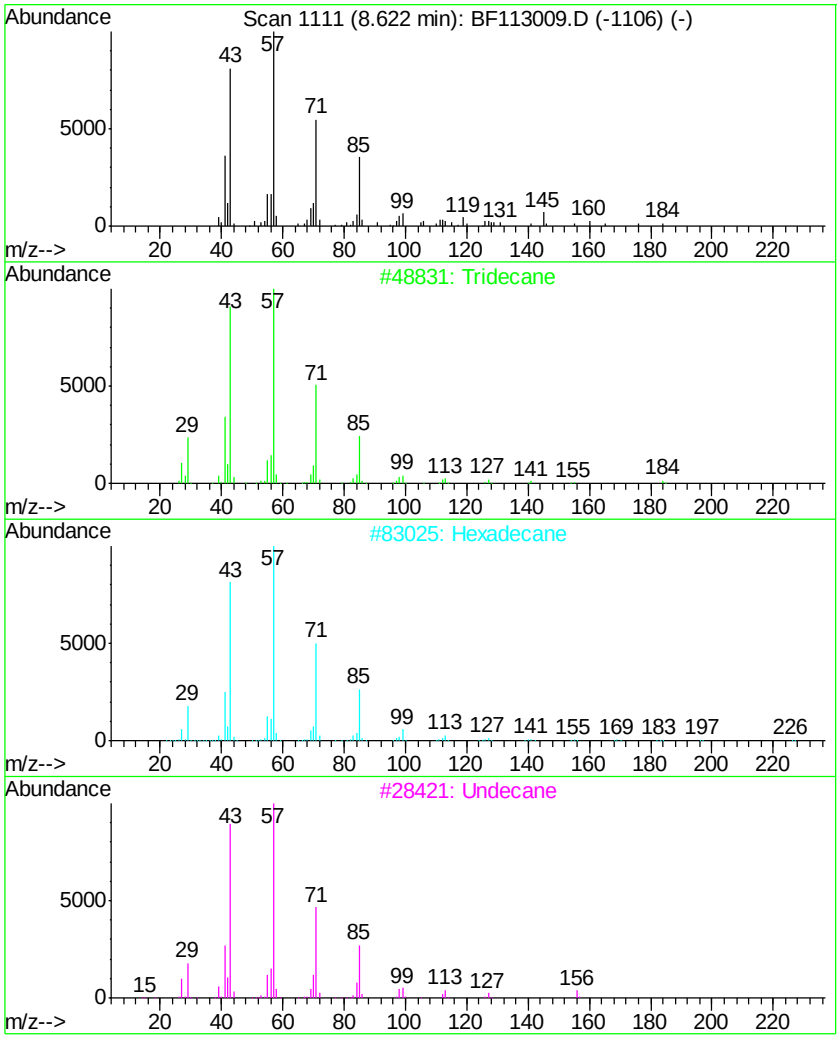
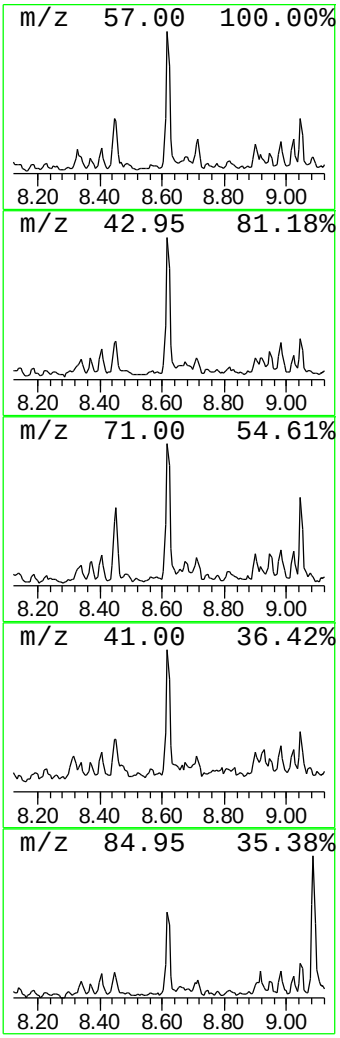
Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.87 ng	197309	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Hexadecane	226	C16H34	000544-76-3	80
3	Undecane	156	C11H24	001120-21-4	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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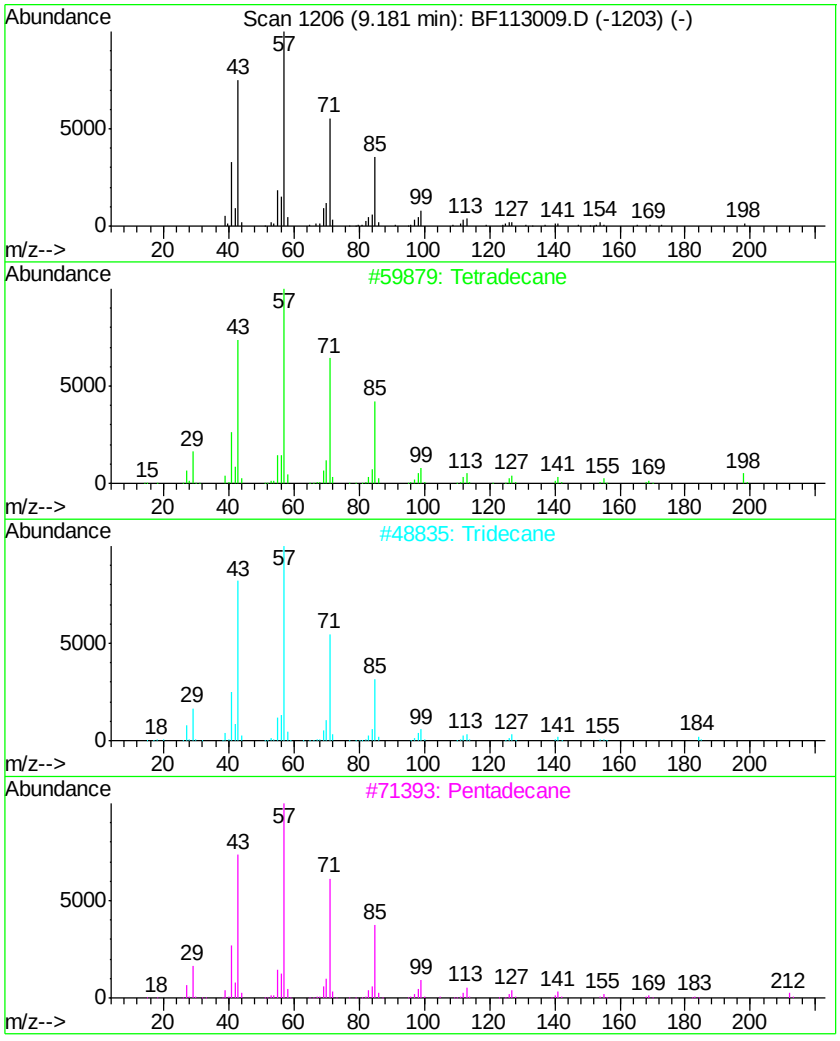
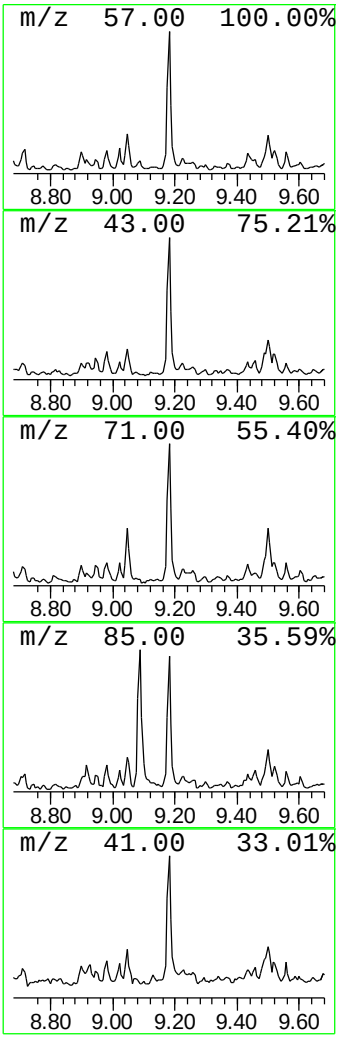
Peak Number 4 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	2.53 ng	184138	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-A

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

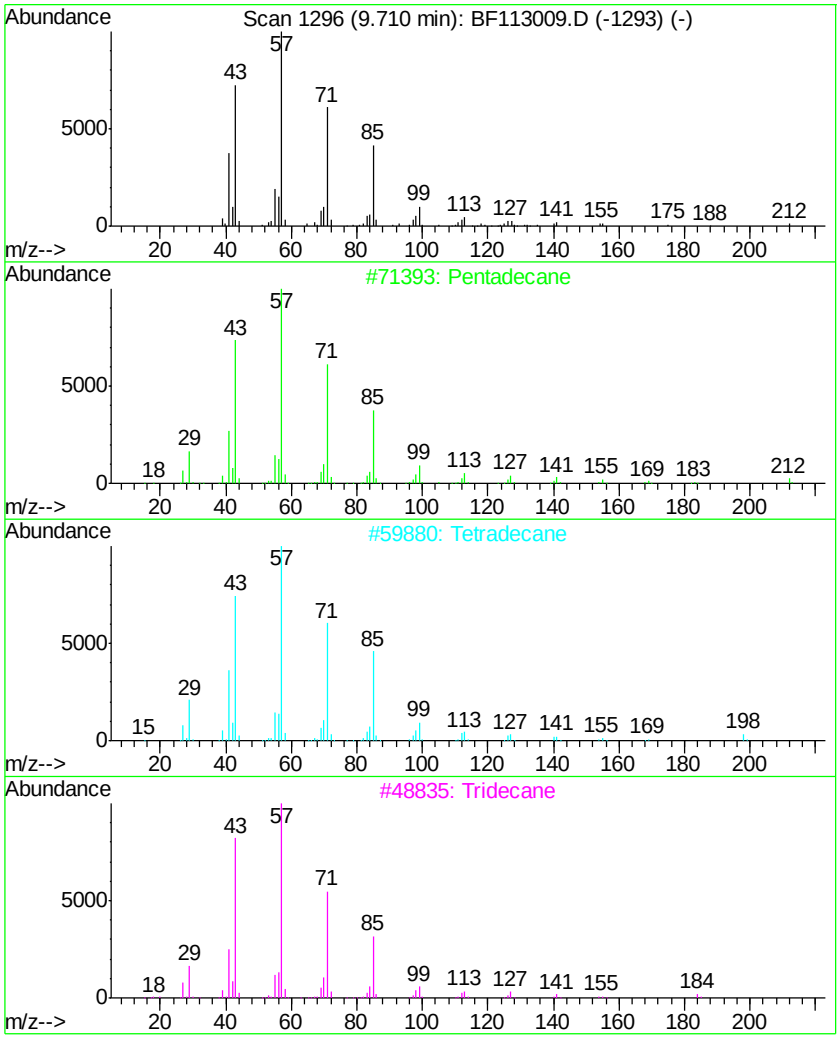
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

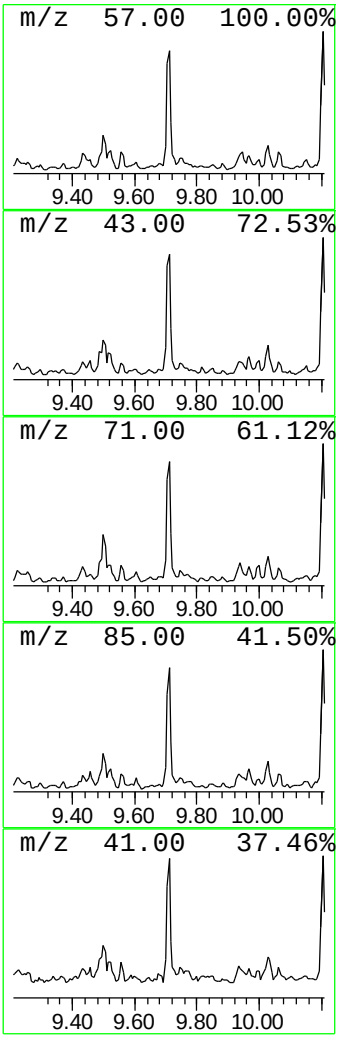
****

Peak Number 5 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.57 ng	186983	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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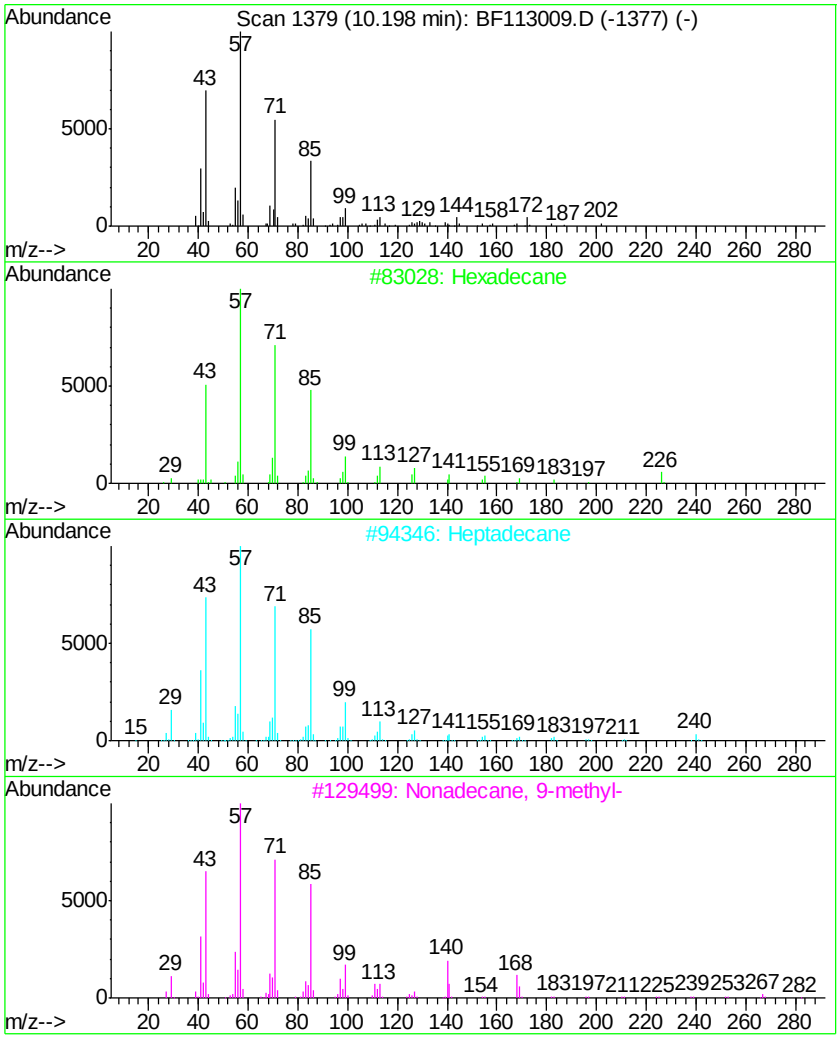
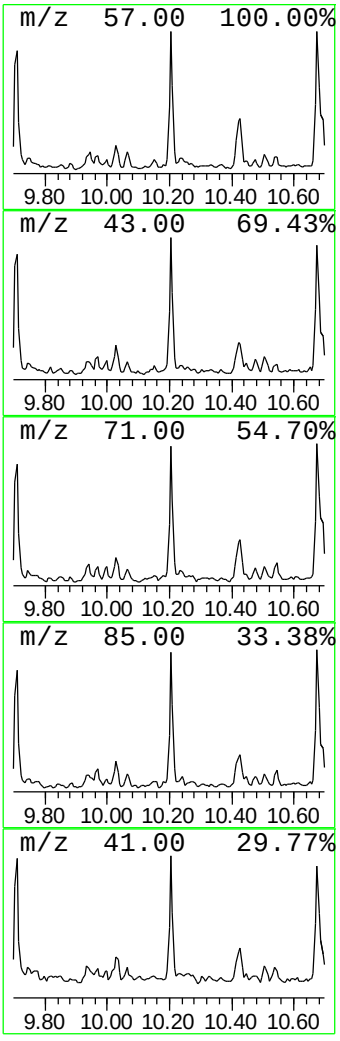
Peak Number 6 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.43 ng	176352	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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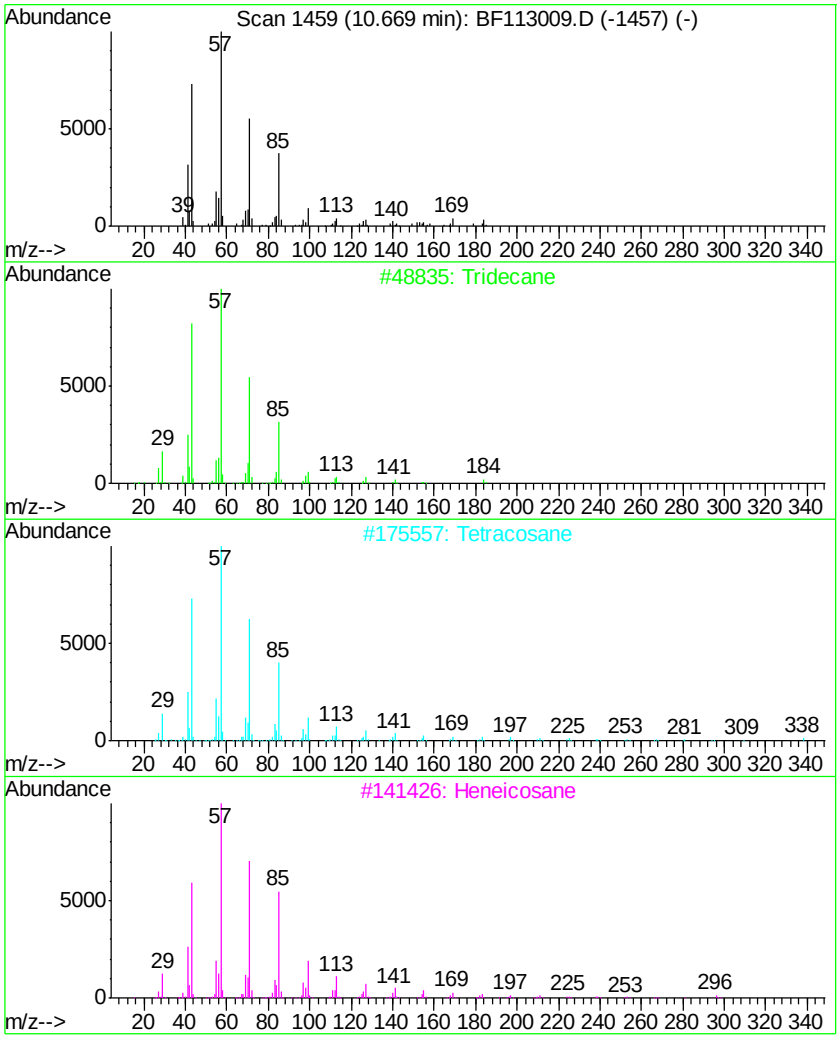
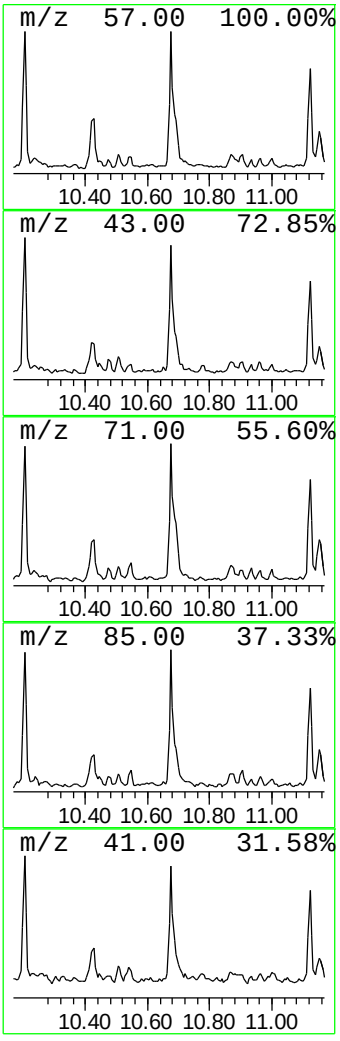
Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.00 ng	251656	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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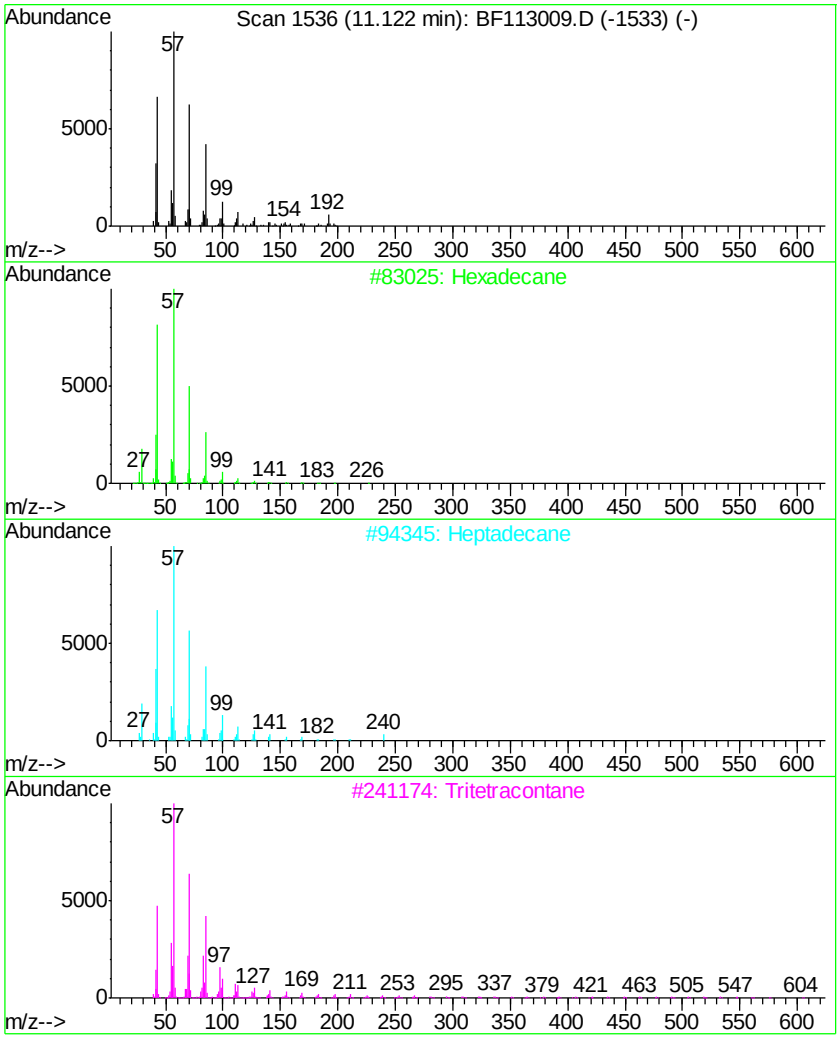
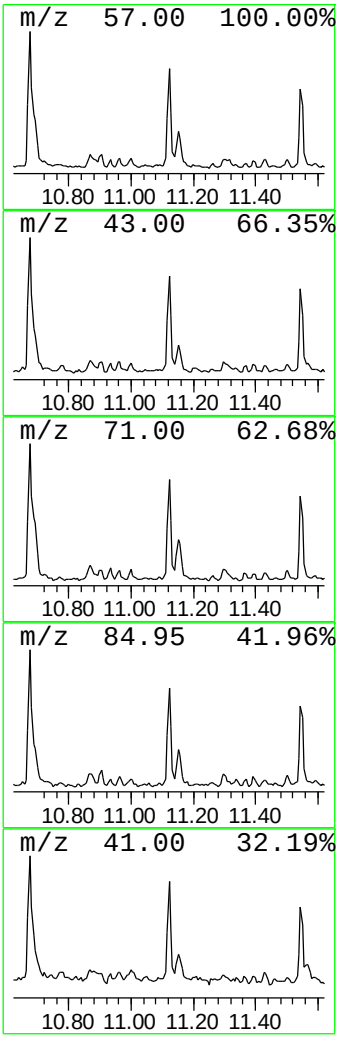
Peak Number 8 Tritetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.39 ng	150696	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Octacosane	394	C28H58	000630-02-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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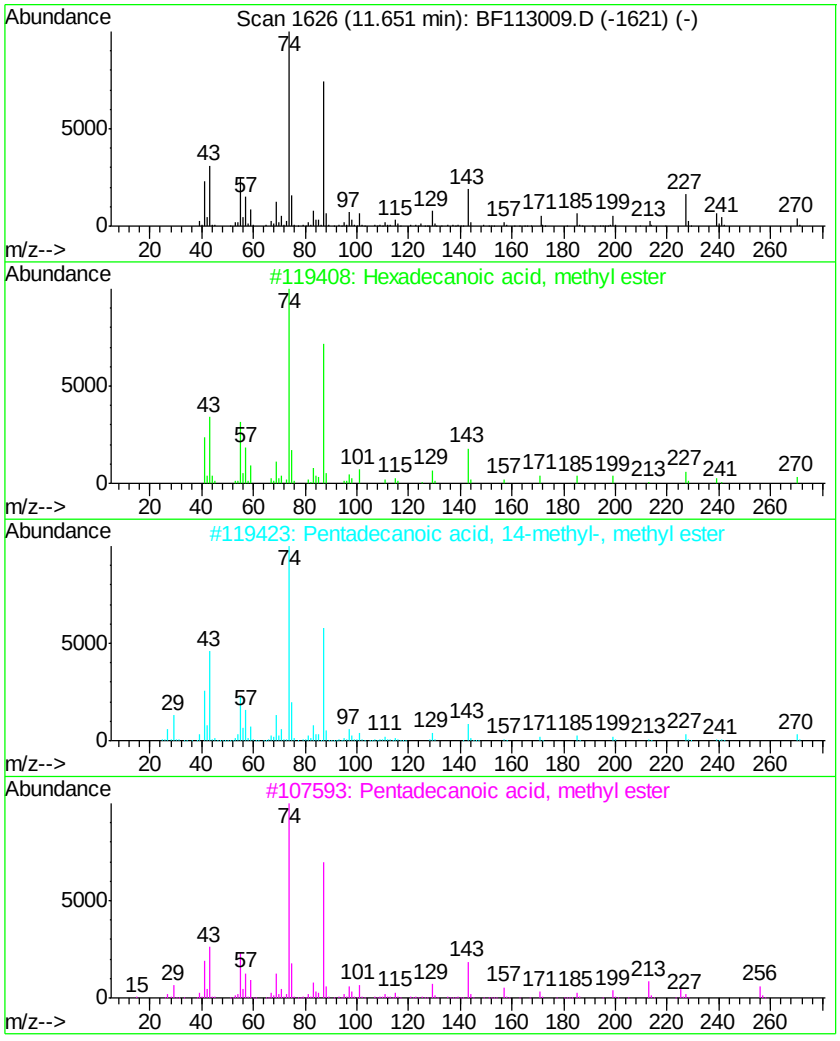
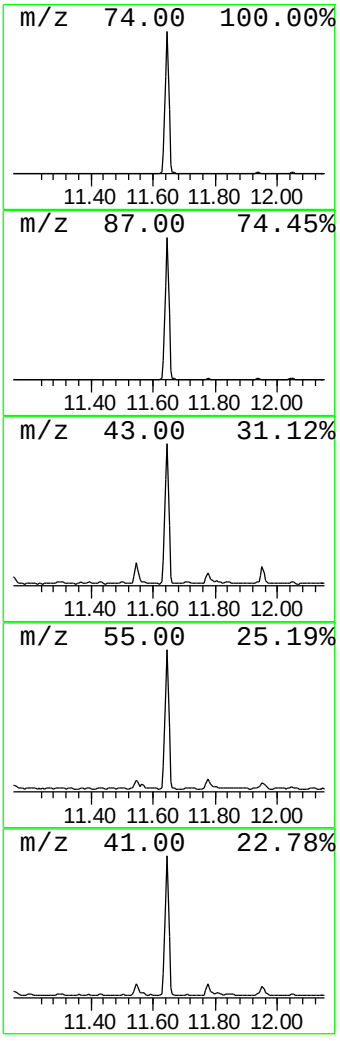
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	27.50 ng	1730200	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	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72





Library Search Compound Report

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Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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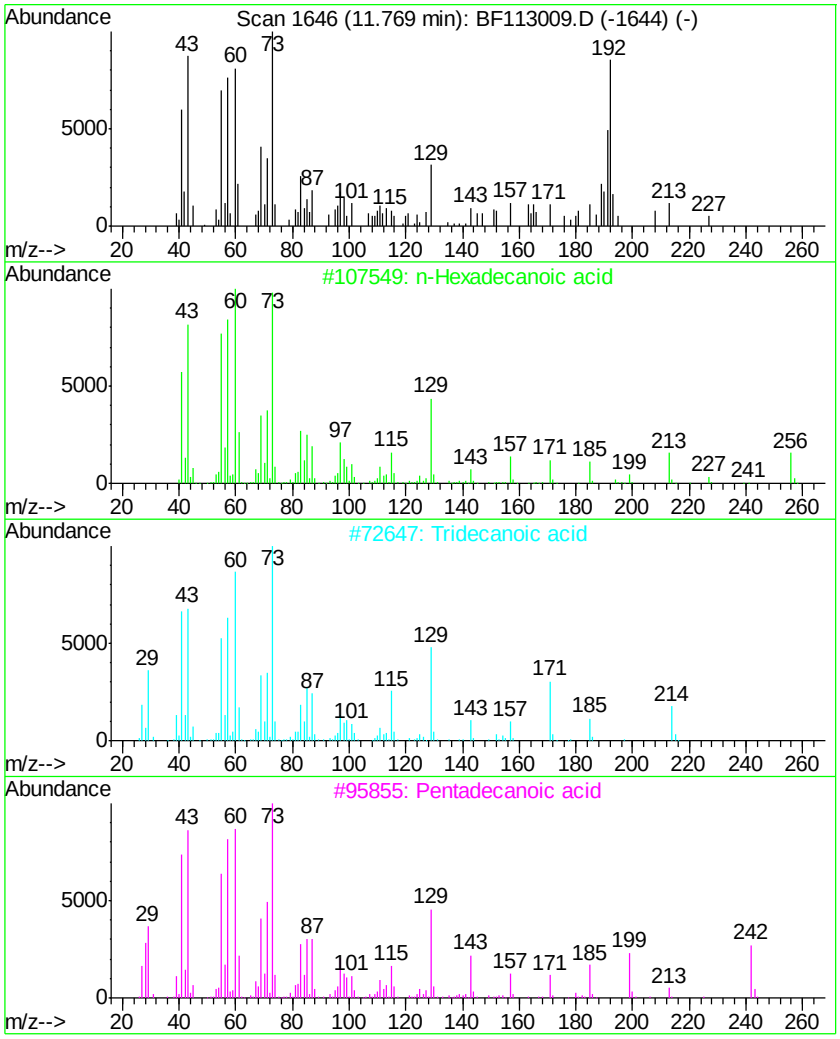
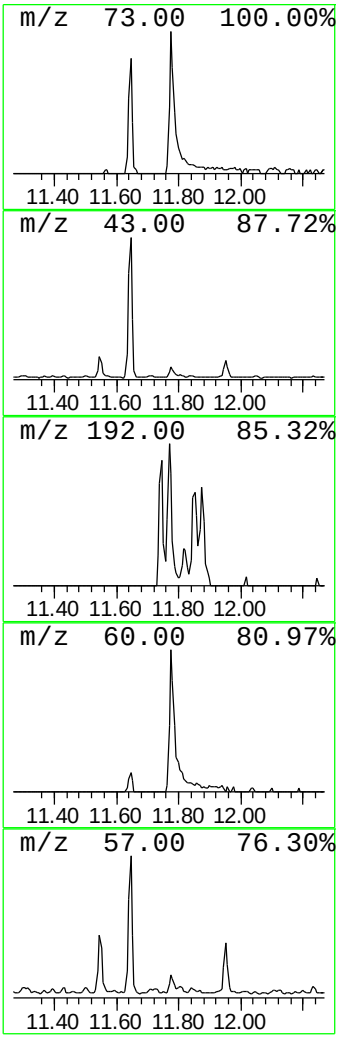
Peak Number 10 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.96 ng	186070	Phenanthrene-d10	11.24

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





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Sample : K1697-05 5X
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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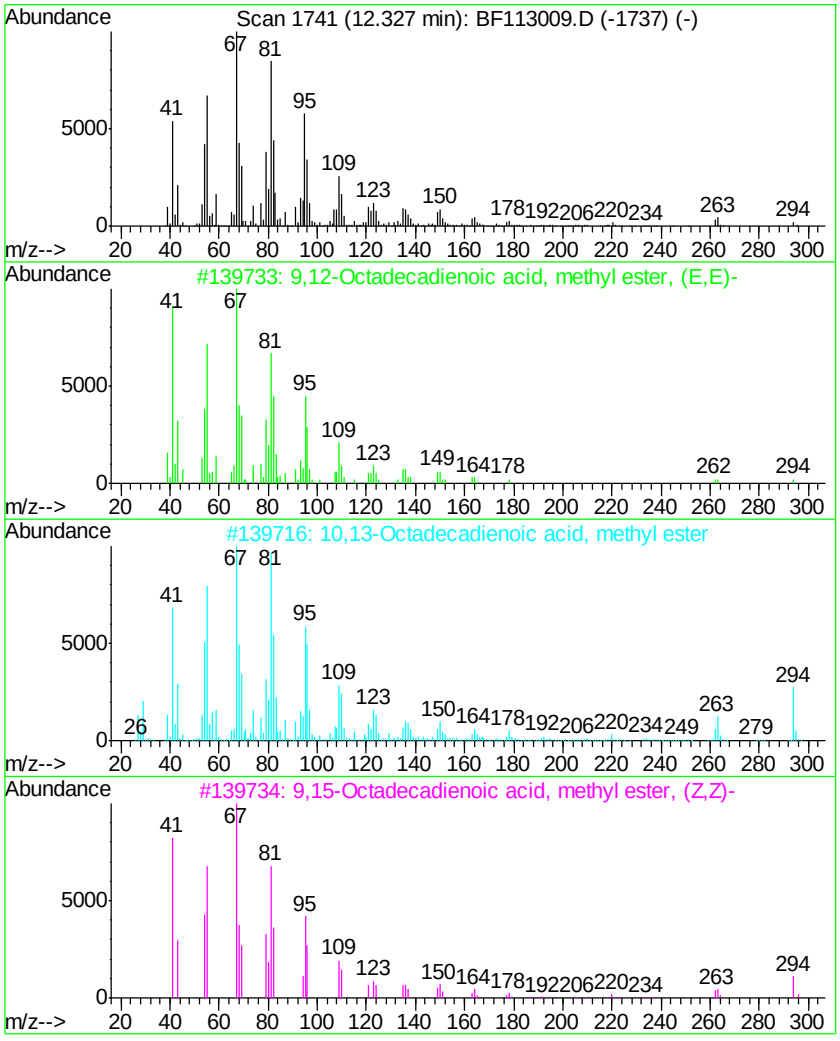
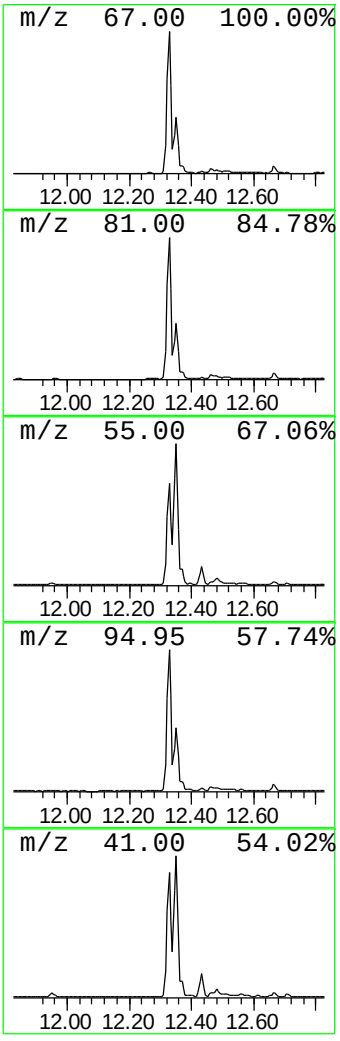
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	70.75 ng	4451600	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	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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Sample : K1697-05 5X
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ClientSampleId : SU-04-031119-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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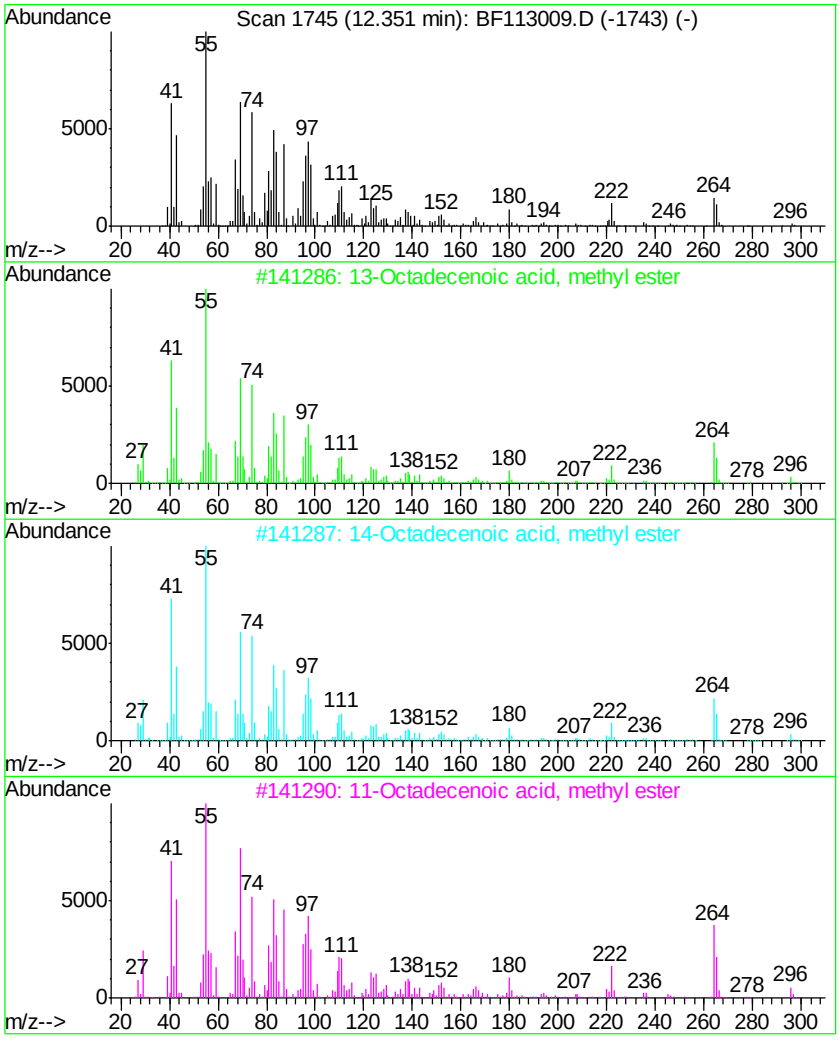
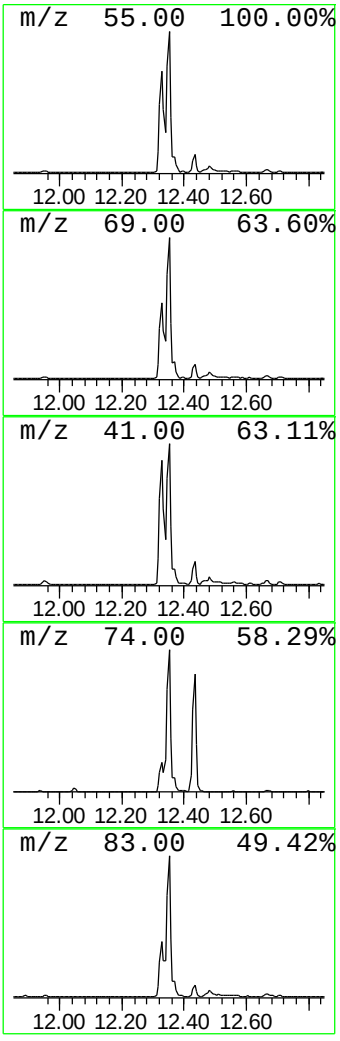
Peak Number 12 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	66.89 ng	4208750	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SU-04-031119-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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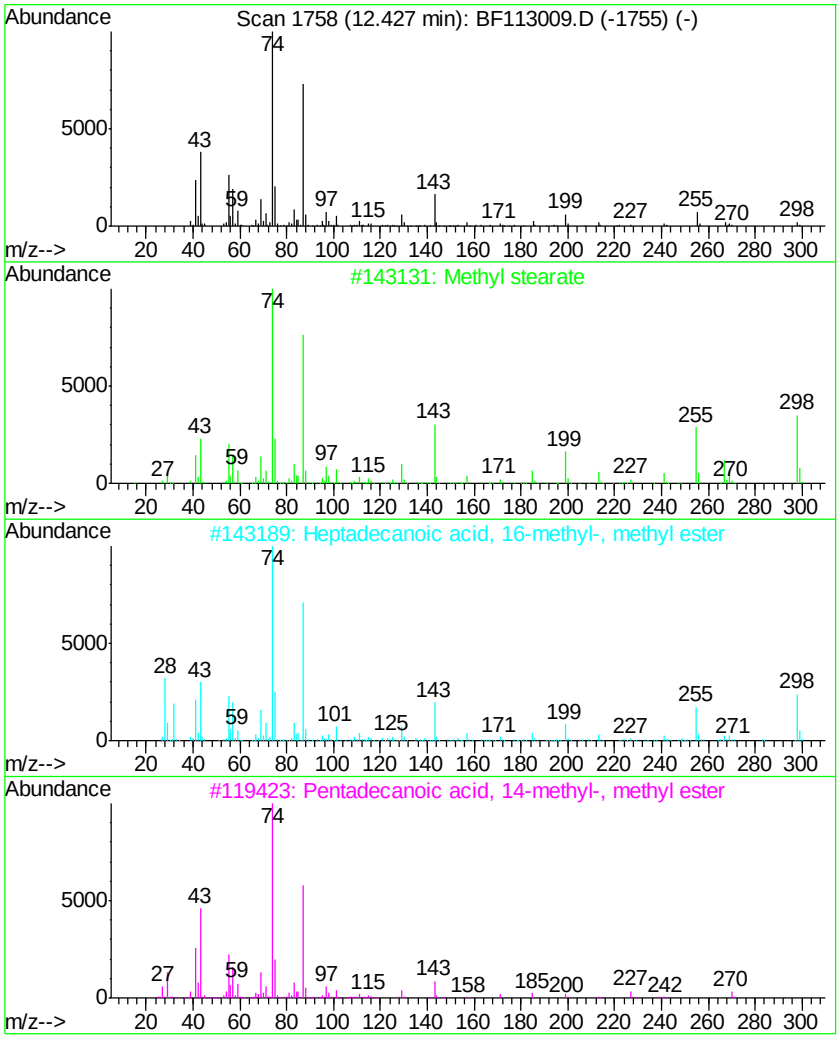
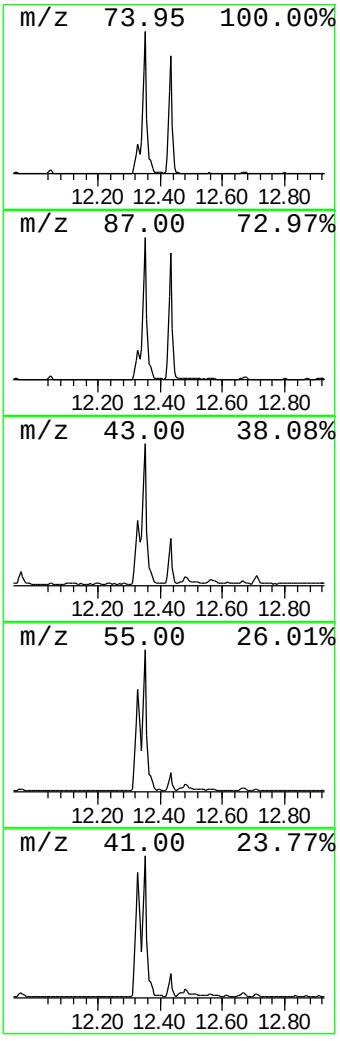
Peak Number 13 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	12.70 ng	798980	Phenanthrene-d10	11.24

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	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Library Search Compound Report

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Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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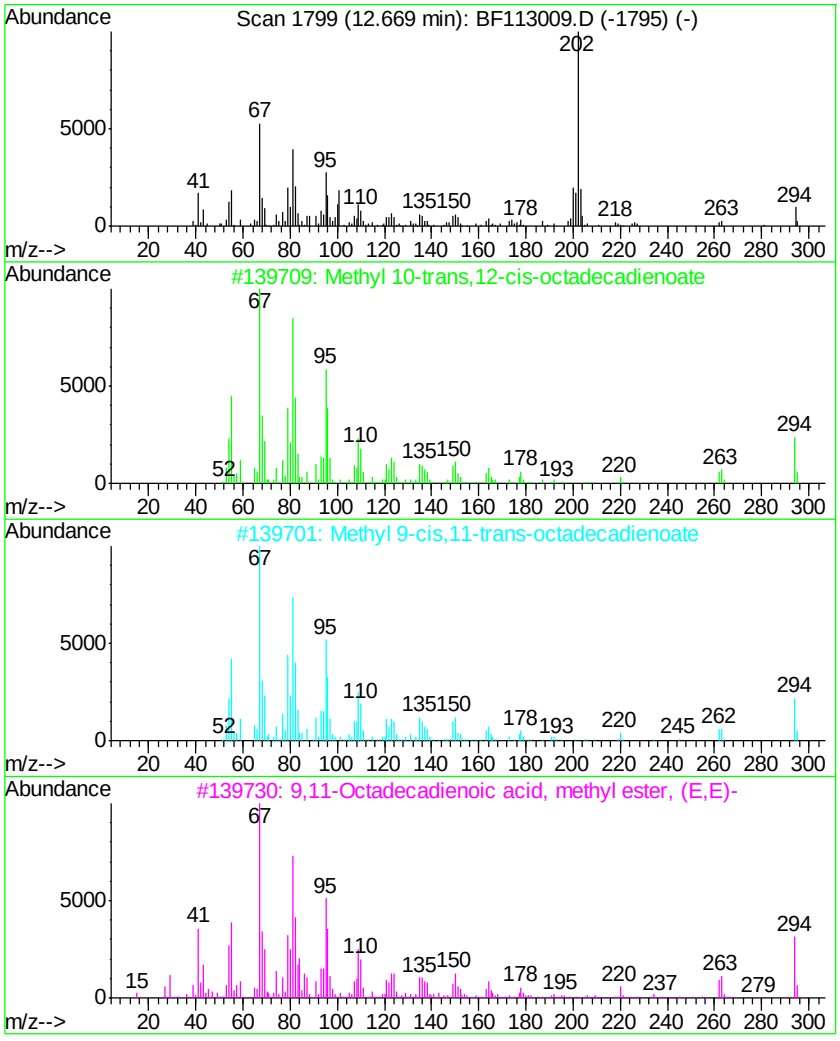
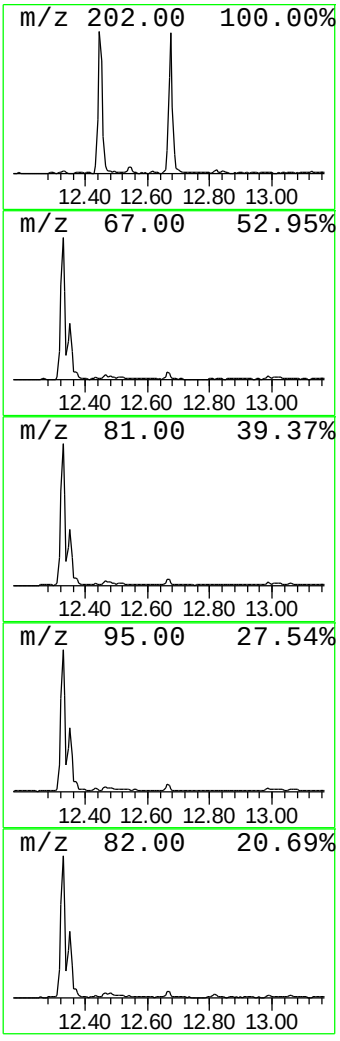
Peak Number 14 Methyl 10-trans,12-cis-octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.73 ng	268255	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	91
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	72
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	60
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	59
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	56





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ClientSampleId : SU-04-031119-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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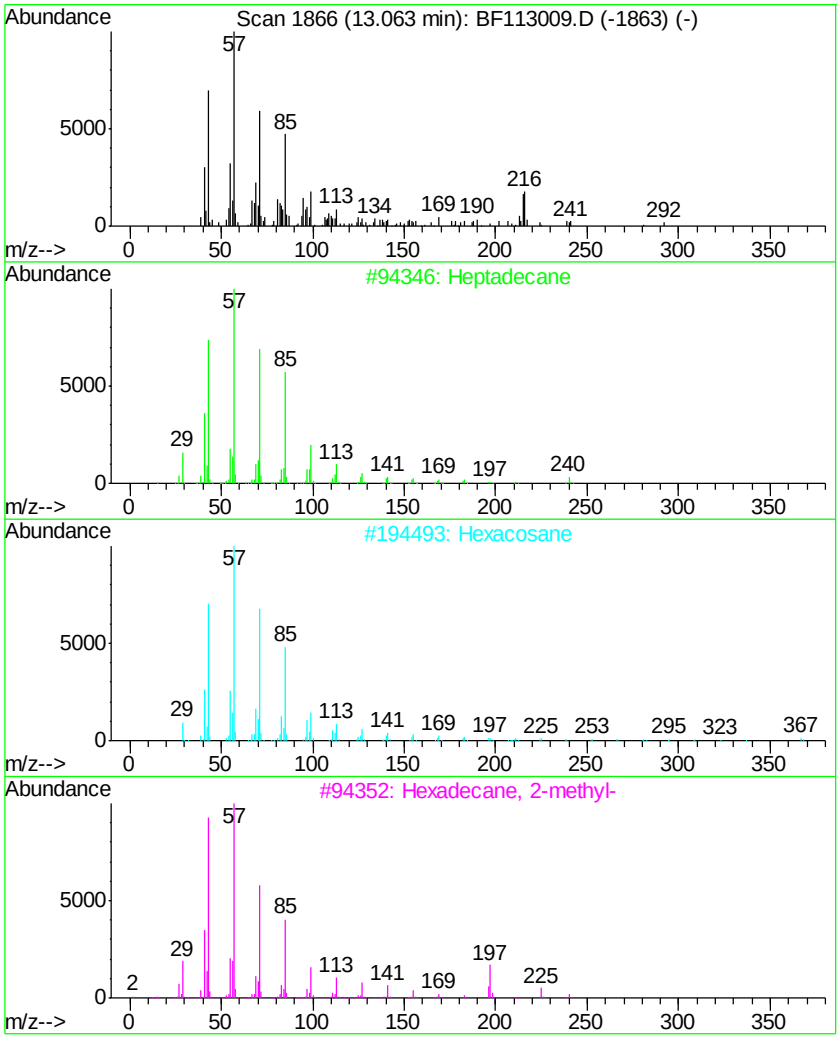
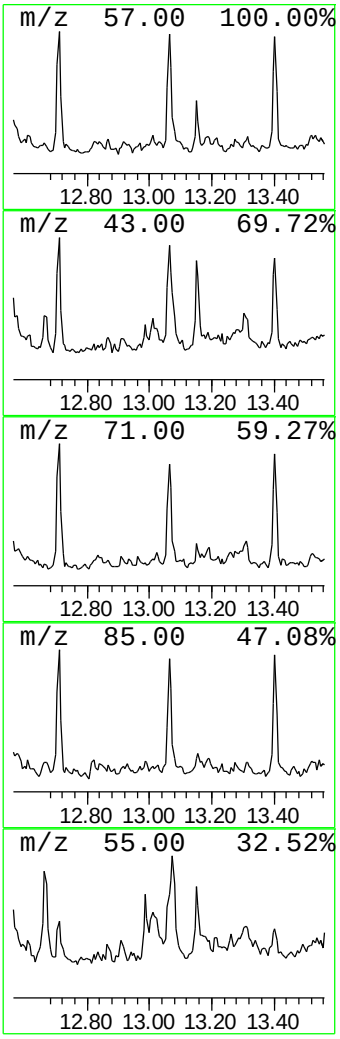
Peak Number 15 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.66 ng	191609	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	76
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
4	Octacosane	394	C28H58	000630-02-4	68
5	Octadecane	254	C18H38	000593-45-3	64





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Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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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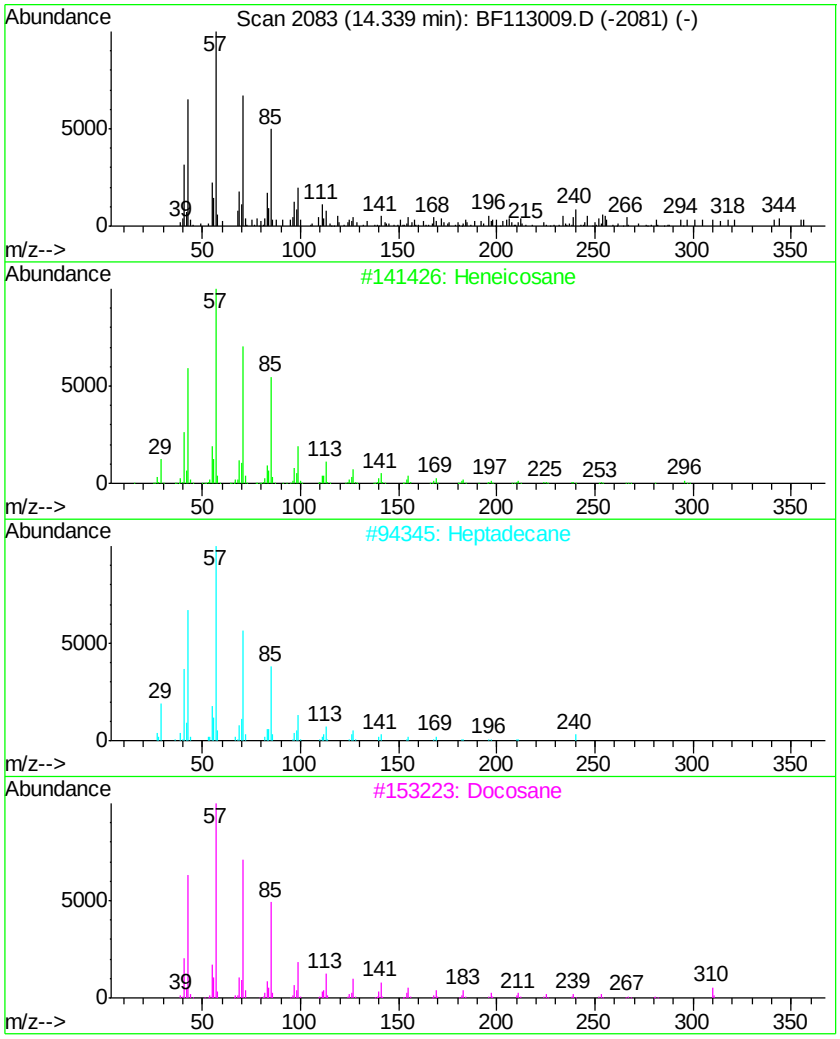
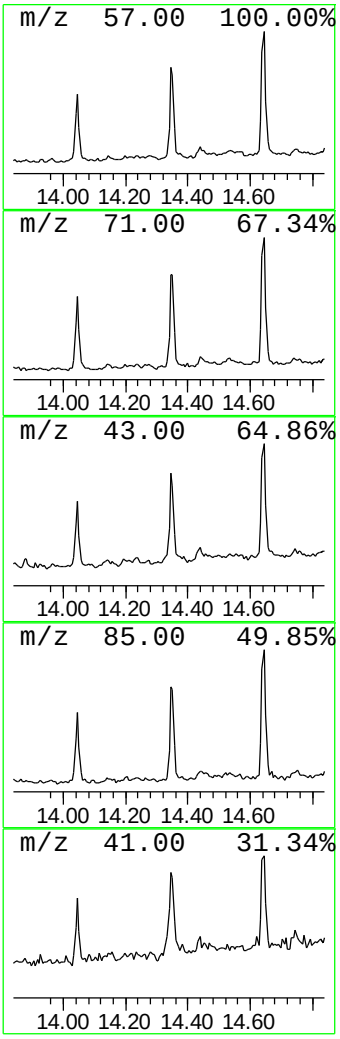
Peak Number 16 unknown14.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.34 ng	168845	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Docosane	310	C22H46	000629-97-0	89
4	Hexacosane	366	C26H54	000630-01-3	83
5	Octadecane	254	C18H38	000593-45-3	83





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ClientSampleId : SU-04-031119-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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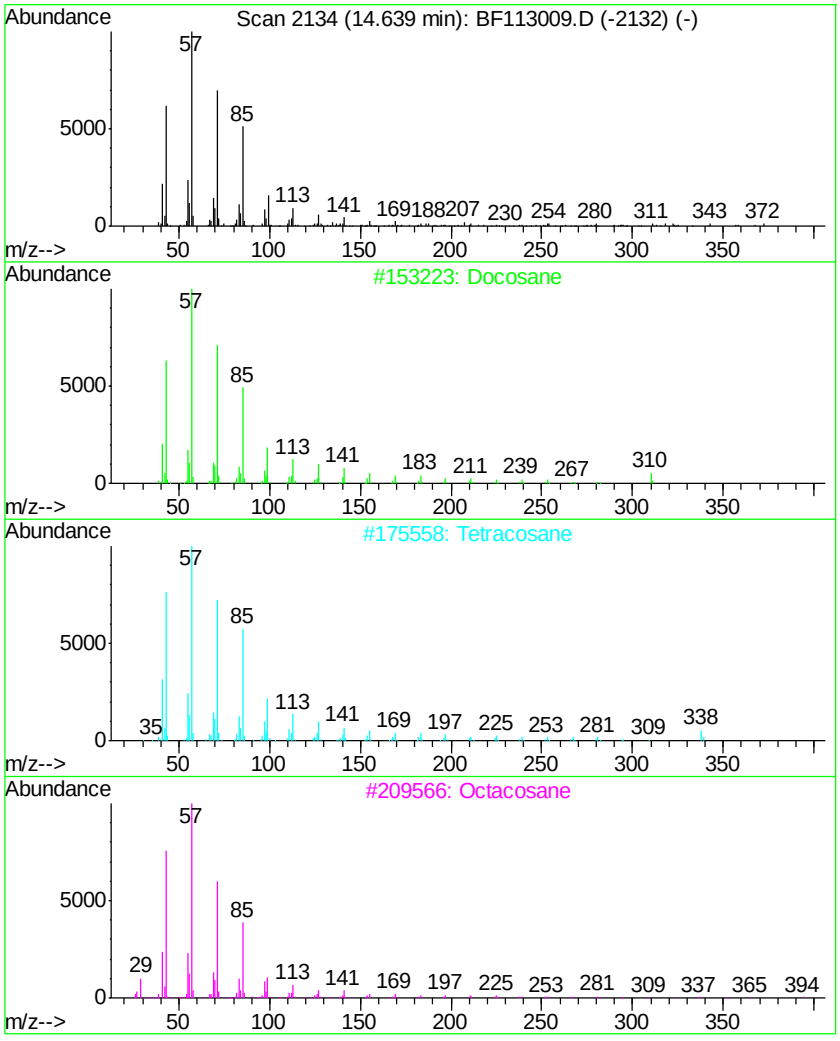
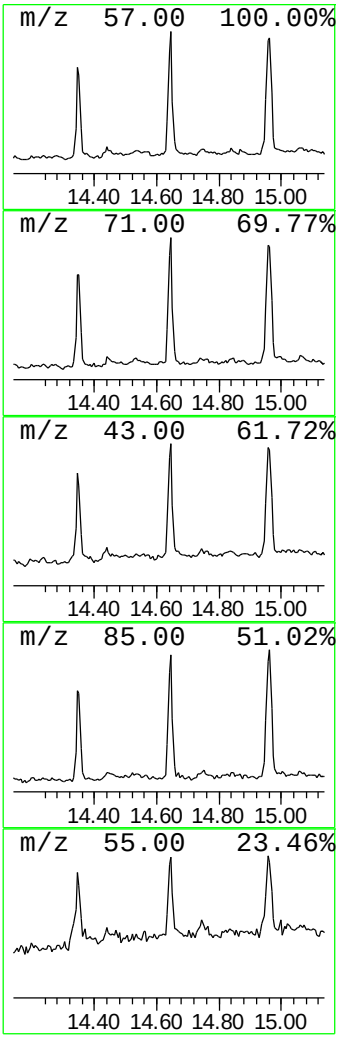
Peak Number 17 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.95 ng	218440	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tetracosane	338	C24H50	000646-31-1	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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TIC Library : C:\DATABASE\NIST11.L
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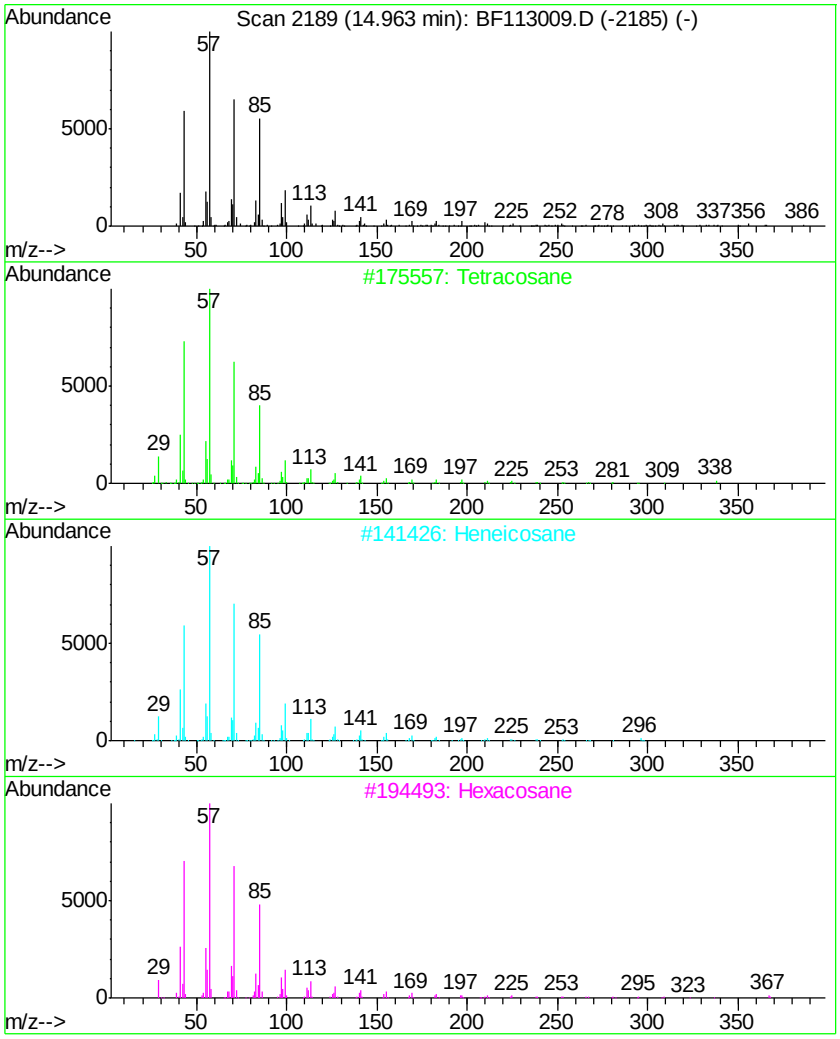
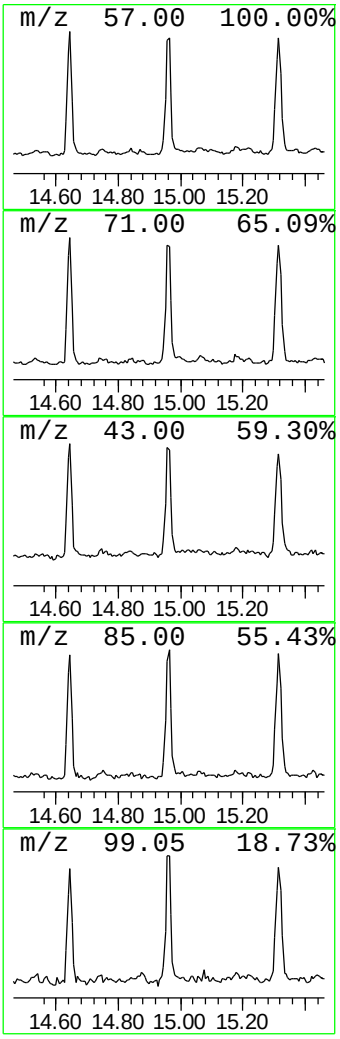
Peak Number 18 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.64 ng	256855	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Sample : K1697-05 5X
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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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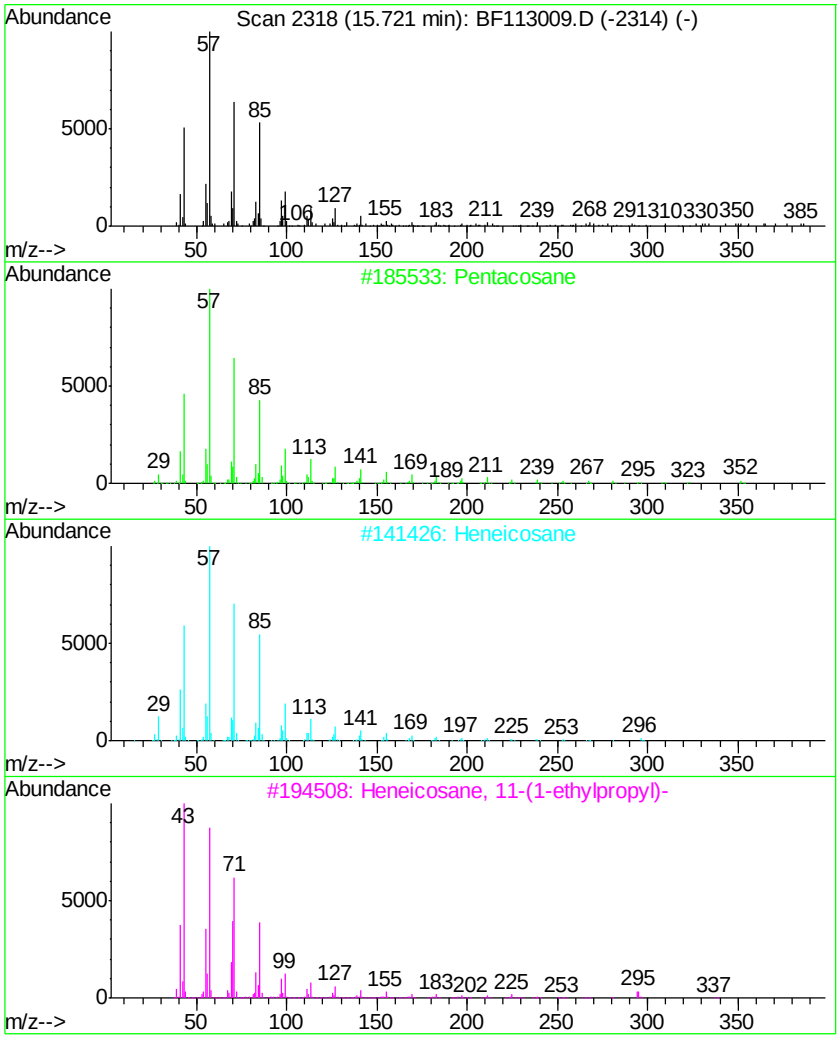
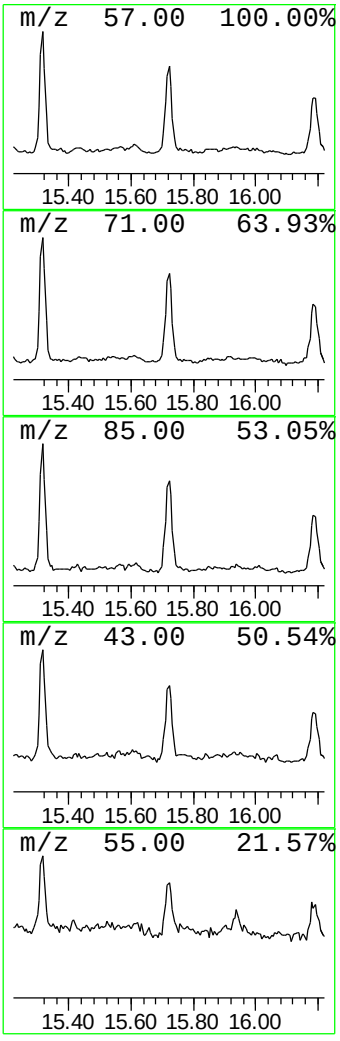
Peak Number 19 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.69 ng	204146	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Sample : K1697-05 5X
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ClientSampleId : SU-04-031119-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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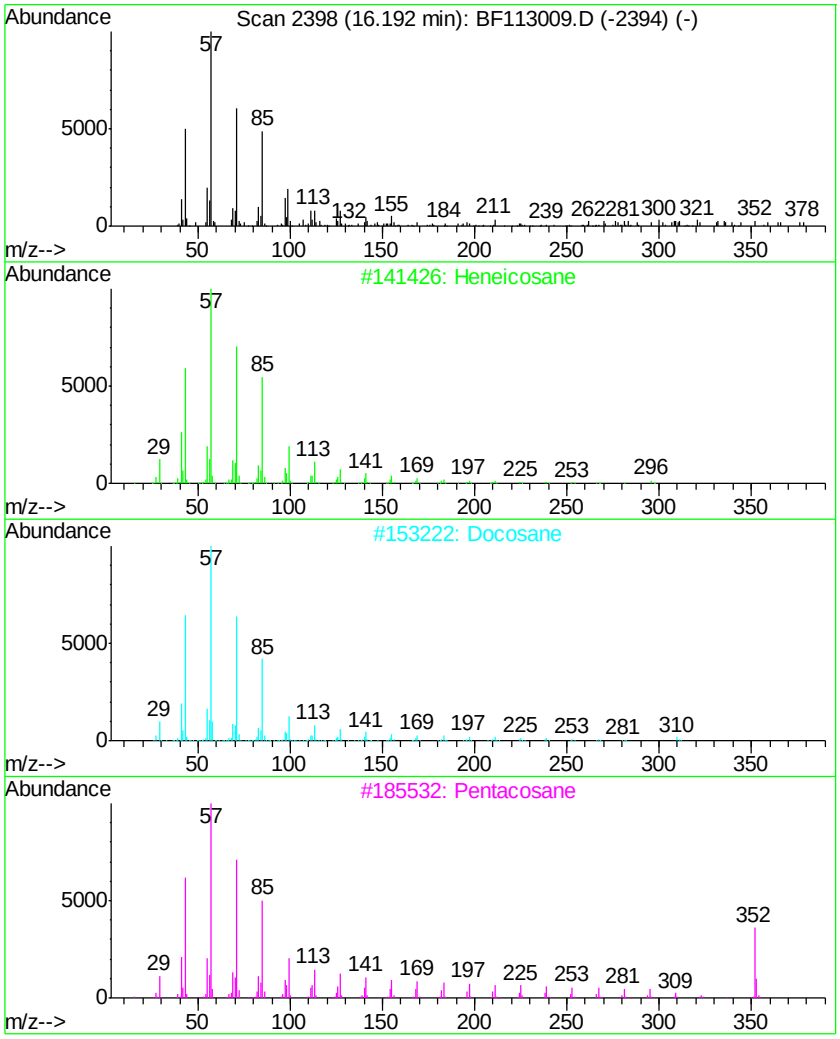
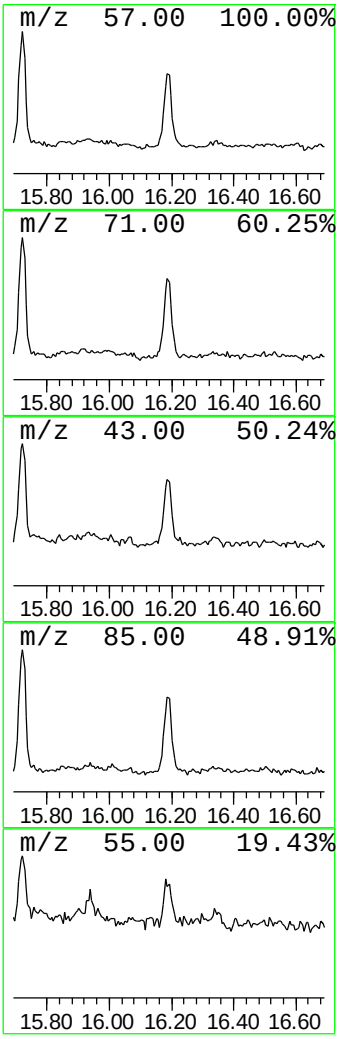
Peak Number 20 unknown16.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.55 ng	141387	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Docosane	310	C22H46	000629-97-0	90
3	Pentacosane	352	C25H52	000629-99-2	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexacosane	366	C26H54	000630-01-3	78





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-031119-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	13.5	ng	714219	1	6.73	1056650	20.0
Tridecane	8.62	2.9	ng	197309	2	8.01	1375990	20.0
Tetradecane	9.18	2.5	ng	184138	3	9.76	1453900	20.0
Pentadecane	9.71	2.6	ng	186983	3	9.76	1453900	20.0
Hexadecane	10.20	2.4	ng	176352	3	9.76	1453900	20.0
Heneicosane	10.67	4.0	ng	251656	4	11.24	1258450	20.0
Tritetracontane	11.12	2.4	ng	150696	4	11.24	1258450	20.0
Hexadecanoic acid...	11.65	27.5	ng	1730200	4	11.24	1258450	20.0
n-Hexadecanoic acid	11.77	3.0	ng	186070	4	11.24	1258450	20.0
9,12-Octadecadien...	12.33	70.8	ng	4451600	4	11.24	1258450	20.0
13-Octadecenoic a...	12.35	66.9	ng	4208750	4	11.24	1258450	20.0
Methyl stearate	12.43	12.7	ng	798980	4	11.24	1258450	20.0
Methyl 10-trans,1...	12.67	3.7	ng	268255	5	13.86	1440060	20.0
Heptadecane	13.06	2.7	ng	191609	5	13.86	1440060	20.0
unknown14.34	14.34	2.3	ng	168845	5	13.86	1440060	20.0
Docosane	14.64	4.0	ng	218440	6	15.27	1106920	20.0
Hexacosane	14.96	4.6	ng	256855	6	15.27	1106920	20.0
Pentacosane	15.72	3.7	ng	204146	6	15.27	1106920	20.0
unknown16.19	16.19	2.5	ng	141387	6	15.27	1106920	20.0