LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

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-BF092317.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	5.469	572	575	592	rBV	202811	214206	2.03%	0.595%
2	6.481	744	747	755	rBV	224702	229142	2.17%	0.636%
3	6.622	767	771	777	rVB	290993	246705	2.34%	0.685%
4	6.851	807	810	814	rBV	741704	597602	5.67%	1.660%
5	7.004	831	836	842	rBV	232847	210339	2.00%	0.584%
6	7.416	903	906	908	rVV	158592	166243	1.58%	0.462%
7	7.439	908	910	914	rVV	135748	106131	1.01%	0.295%
8	8.104	1020	1023	1025	rBV	303629	259255	2.46%	0.720%
9	8.134	1025	1028	1031	rVV	1008150	824092	7.82%	2.289%
10	8.181	1033	1036	1039	rVB2	141055	153210	1.45%	0.425%
11	8.416	1072	1076	1081	rBV4	128865	162348	1.54%	0.451%
12	8.545	1095	1098	1100	rVB2	144341	125721	1.19%	0.349%
13	8.634	1110	1113	1116	rBV	221965	179094	1.70%	0.497%
14	8.716	1124	1127	1131	rBV	518873	399432	3.79%	1.109%
15	8.792	1138	1140	1147	rVB4	104391	154650	1.47%	0.429%
16	8.951	1165	1167	1169	rBV3	196098	151857	1.44%	0.422%
17	9.075	1185	1188	1191	rBV3	149302	173140	1.64%	0.481%
18	9.145	1197	1200	1202	rVV2	171022	123183	1.17%	0.342%
19	9.204	1207	1210	1214	rBV	394995	307500	2.92%	0.854%
20	9.281	1219	1223	1226	rBV	650491	557724	5.29%	1.549%
21	9.357	1233	1236	1238	rVB	149926	128498	1.22%	0.357%
22	9.469	1252	1255	1260	rVB6	110765	125779	1.19%	0.349%
23	9.598	1273	1277	1279	rBV3	230885	259538	2.46%	0.721%
24	9.622	1279	1281	1285	rVB2	93091	110848	1.05%	0.308%
25	9.810	1310	1313	1316	rVB	711444	545106	5.17%	1.514%
26	9.886	1321	1326	1329	rVV2	920595	829000	7.86%	2.302%
27	10.045	1349	1353	1355	rVV2	81918	118903	1.13%	0.330%
28	10.128	1364	1367	1371	rBV3	180242	217795	2.07%	0.605%
29	10.204	1376	1380	1383	rBV4	76489	121452	1.15%	0.337%
30	10.310	1392	1398	1400	rBV	722786	659171	6.25%	1.831%
31	10.528	1429	1435	1437	rBV	248280	327744	3.11%	0.910%
32	10.675	1458	1460	1464	rBV	124534	141284	1.34%	0.392%
33	10.780	1475	1478	1483	rBV	766255	774165	7.34%	2.150%
34	11.227	1551	1554	1556	rBV	660146	497462	4.72%	1.381%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.257	1556	1559	1565	rVB	236128	266233	2.53%	0.739%
36	11.375	1575	1579	1582	rBV	838939	733961	6.96%	2.038%
37	11.651	1623	1626	1629	rBV	451130	394245	3.74%	1.095%
38	11.763	1640	1645	1648	rBV	4370930	4748008	45.04%	13.186%
39	11.898	1664	1668	1673	rBV4	121018	161624	1.53%	0.449%
40	12.057	1692	1695	1698	rBV	381975	375535	3.56%	1.043%
41	12.469	1756	1765	1766	rBV2	4865777	10541604	100.00%	29.275%
42	12.551	1776	1779	1783	rVB	2535381	2320994	22.02%	6.446%
43	12.616	1783	1790	1796	rBV2	508122	958010	9.09%	2.660%
44	12.786	1815	1819	1822	rVB	352700	320969	3.04%	0.891%
45	12.822	1822	1825	1827	rBV	261807	219252	2.08%	0.609%
46	12.957	1845	1848	1851	rVB	231028	200000	1.90%	0.555%
47	13.110	1871	1874	1876	rBV	375560	340171	3.23%	0.945%
48	13.174	1883	1885	1887	rBV2	220180	204494	1.94%	0.568%
49	13.192	1887	1888	1895	rVB	319088	317758	3.01%	0.882%
50	13.274	1898	1902	1904	rBV	336881	300726	2.85%	0.835%
51	13.298	1904	1906	1910	rVB3	185293	180258	1.71%	0.501%
52	13.339	1910	1913	1917	rVB2	224590	197610	1.87%	0.549%
53	13.516	1940	1943	1949	rBV	148975	130214	1.24%	0.362%
54	13.698	1971	1974	1978	rVB2	100595	126608	1.20%	0.352%
55	13.939	2012	2015	2021	rVB	268747	246051	2.33%	0.683%
56	14.016	2025	2028	2034	rVV	626036	588068	5.58%	1.633%
57	14.457	2099	2103	2110	rBV2	166399	274287	2.60%	0.762%
58	14.892	2172	2177	2186	rVB	598559	874873	8.30%	2.430%
59	15.492	2274	2279	2285	rBV	480409	647766	6.14%	1.799%
60	16.168	2391	2394	2402	rVB2	79994	141351	1.34%	0.393%

Sum of corrected areas: 36008989

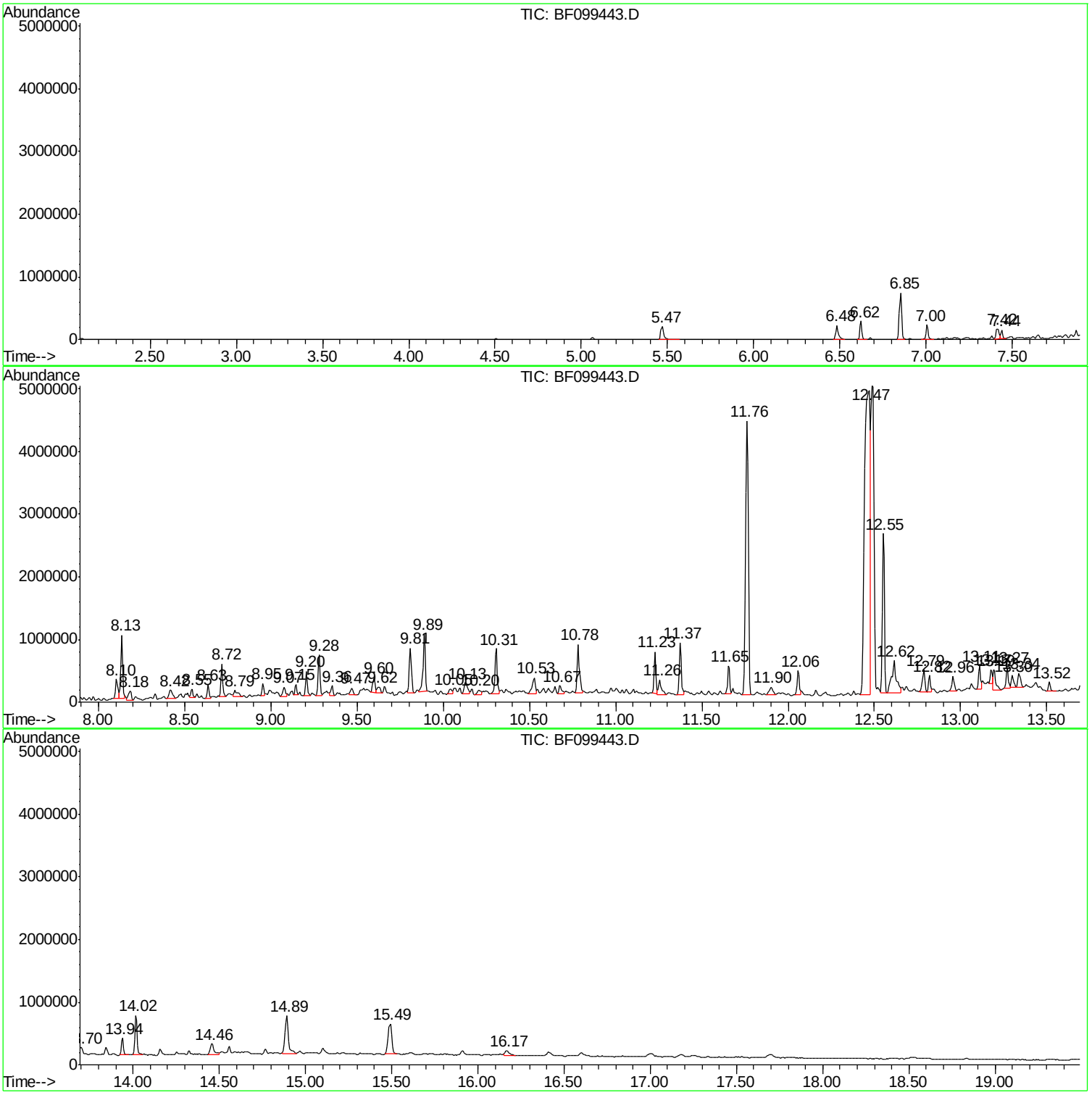
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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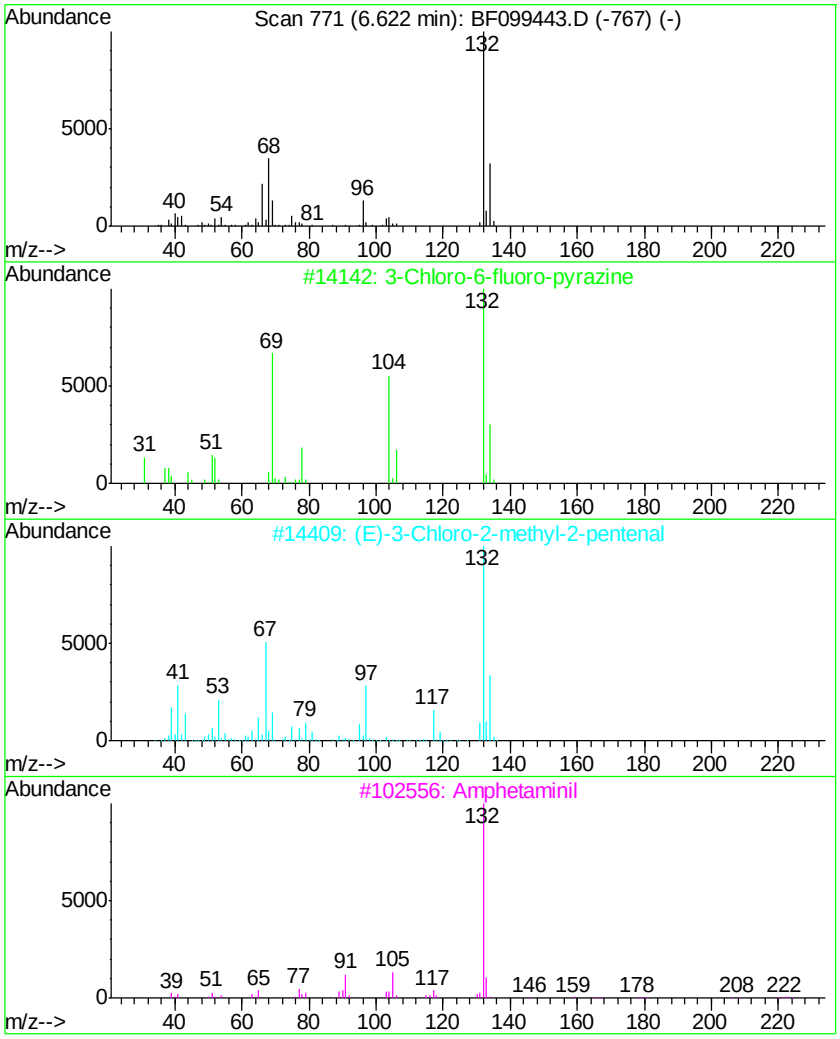
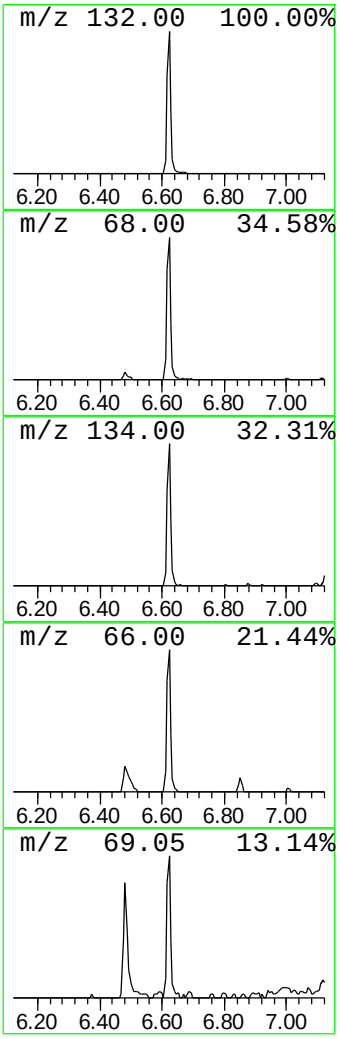
Peak Number 1 unknown6.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	8.26 ng	246705	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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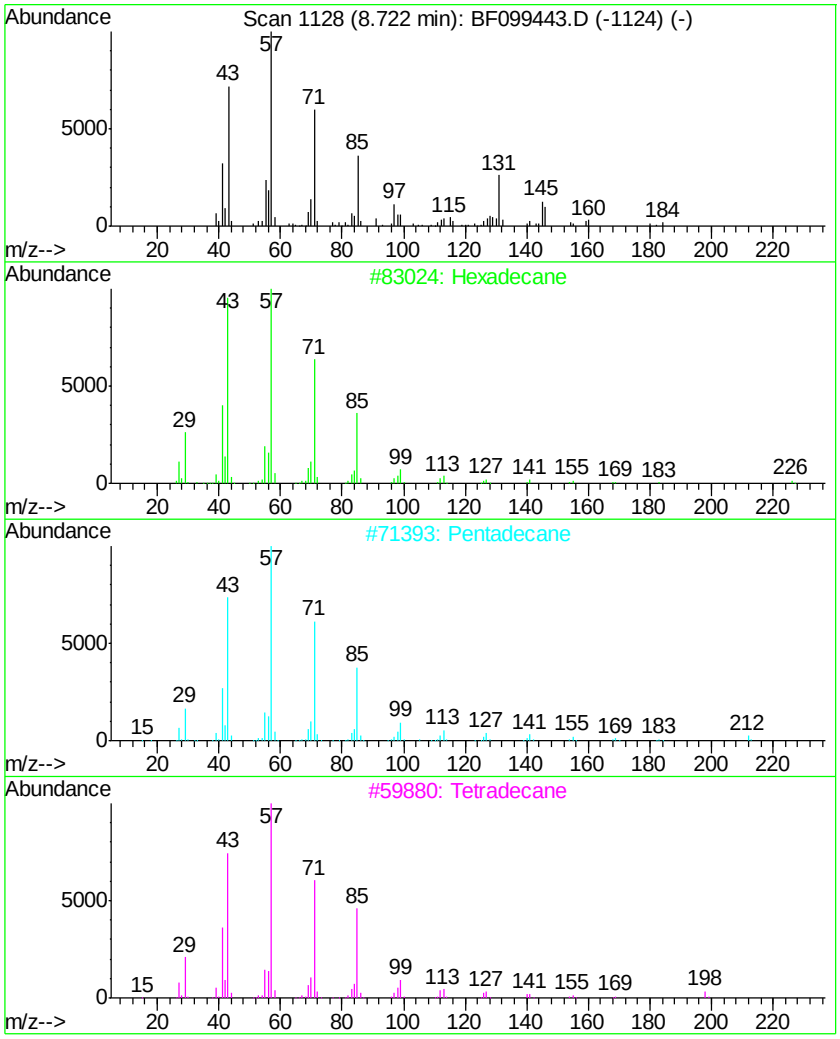
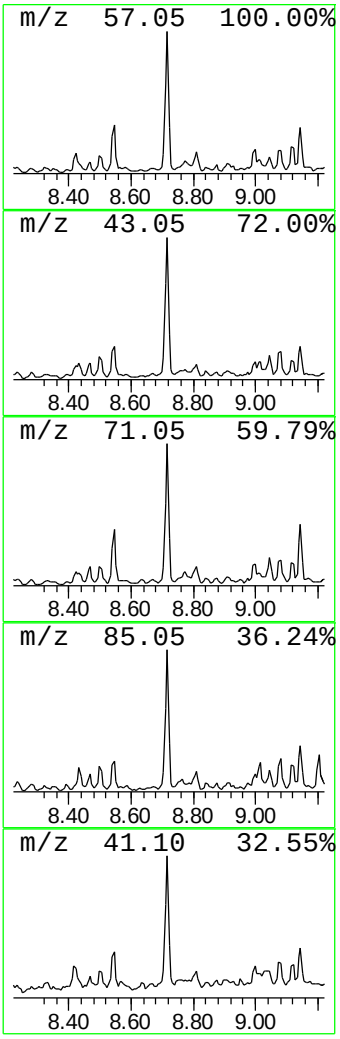
Peak Number 2 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	9.69 ng	399432	Naphthalene-d8	8.13

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	Tridecane	184	C13H28	000629-50-5	76
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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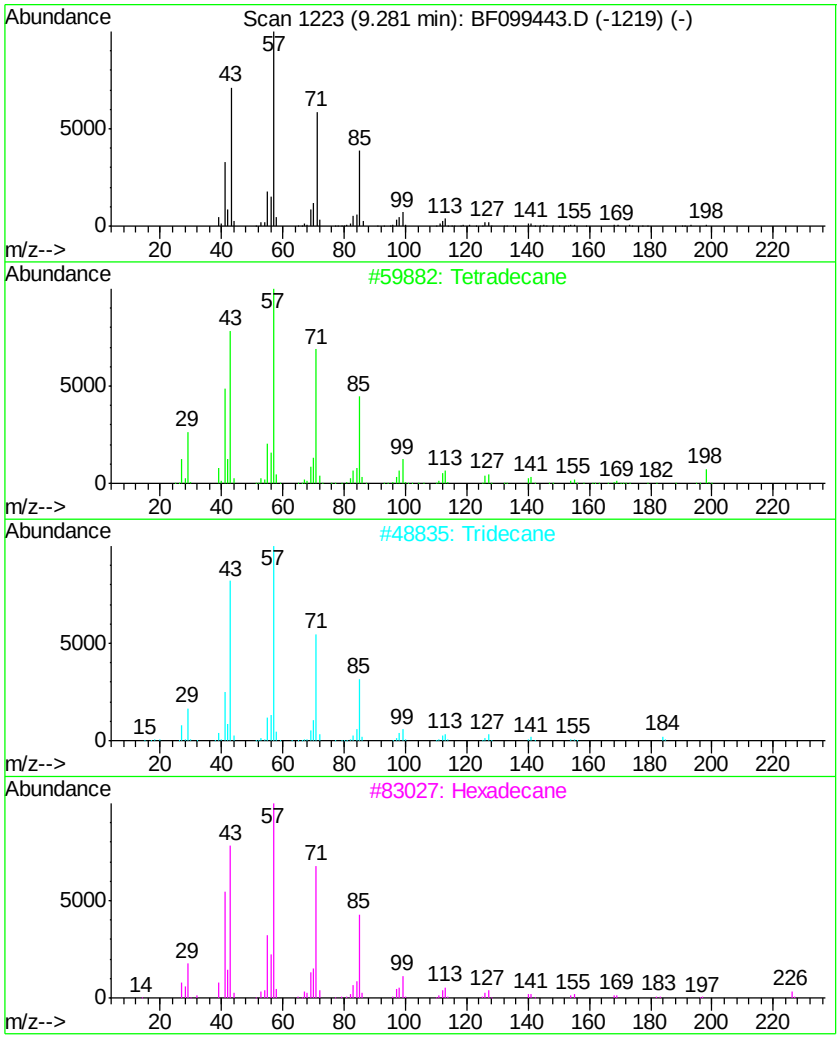
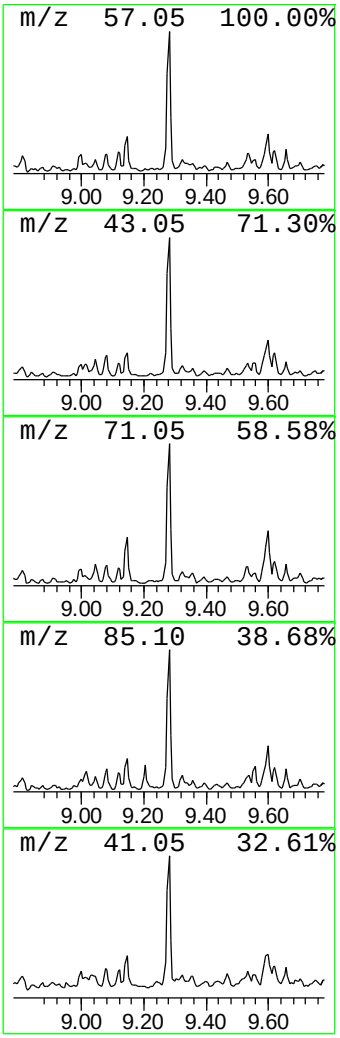
Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	13.46 ng	557724	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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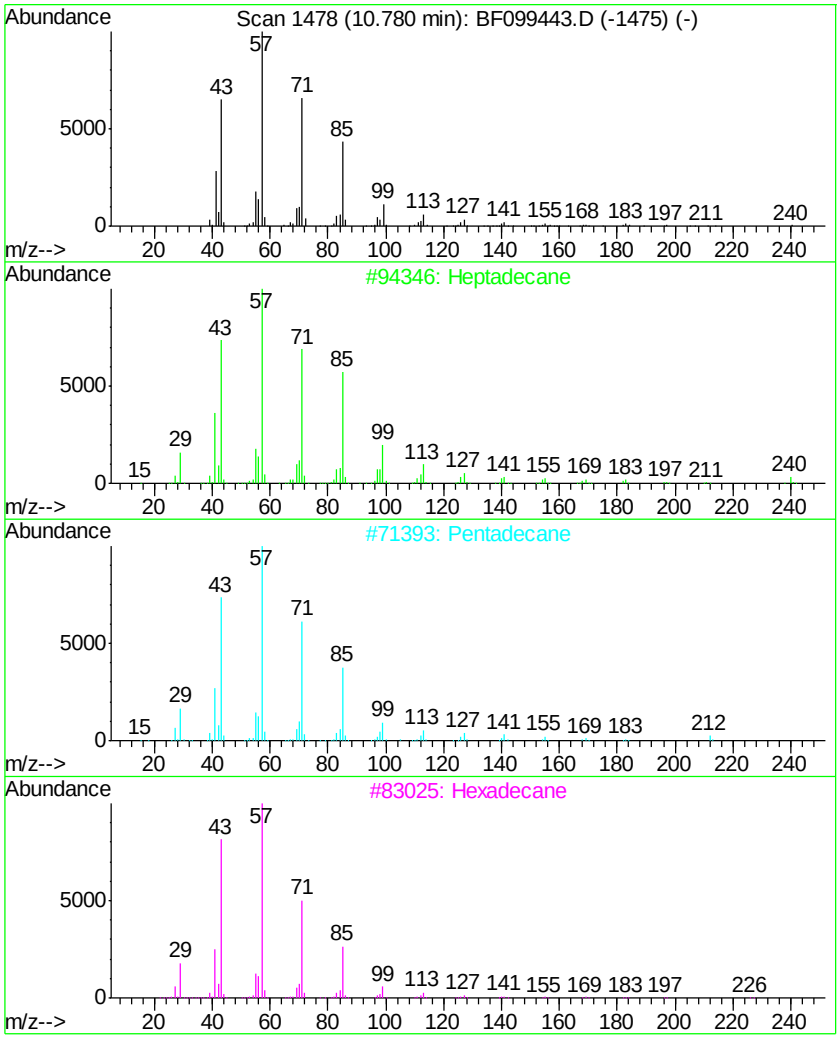
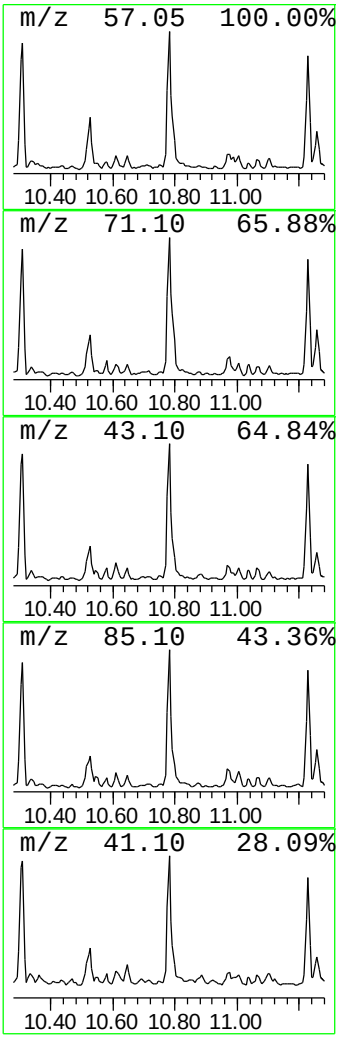
Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	21.10 ng	774165	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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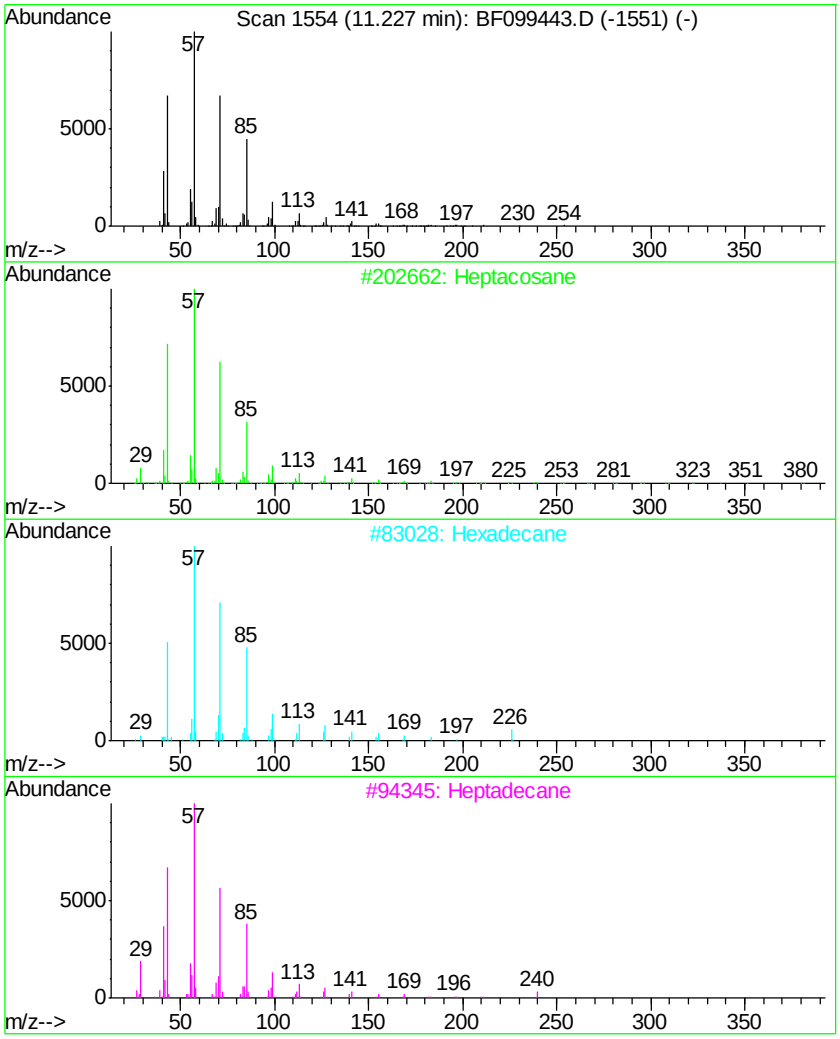
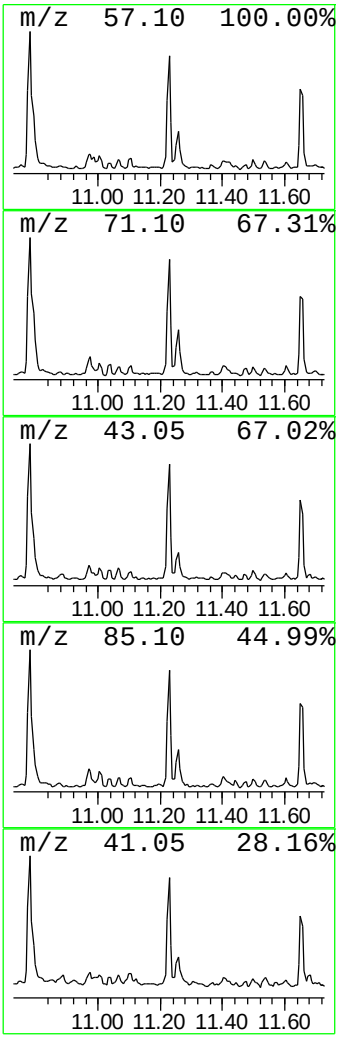
Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	13.56 ng	497462	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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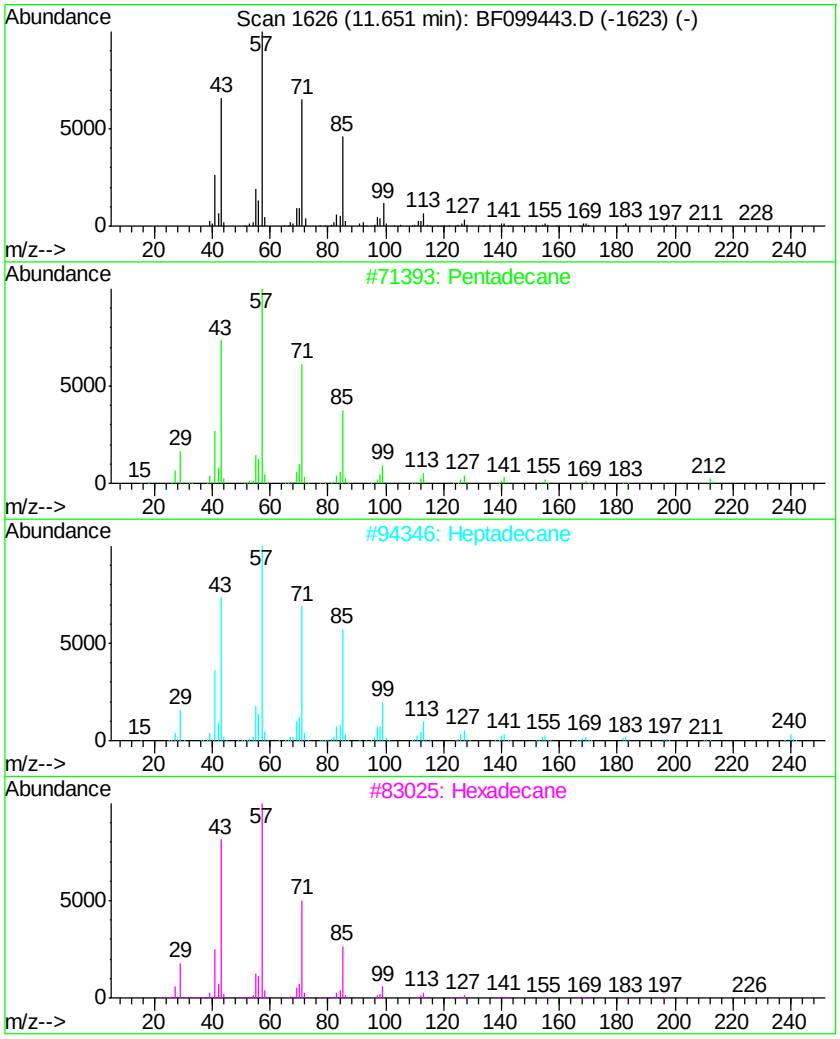
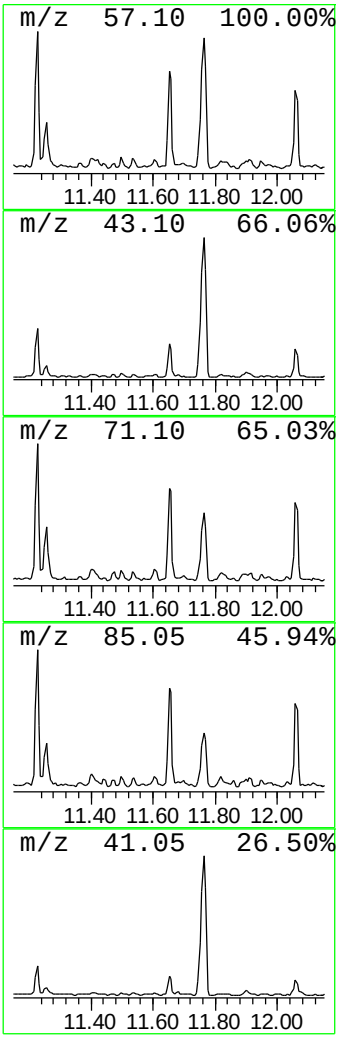
Peak Number 8 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	10.74 ng	394245	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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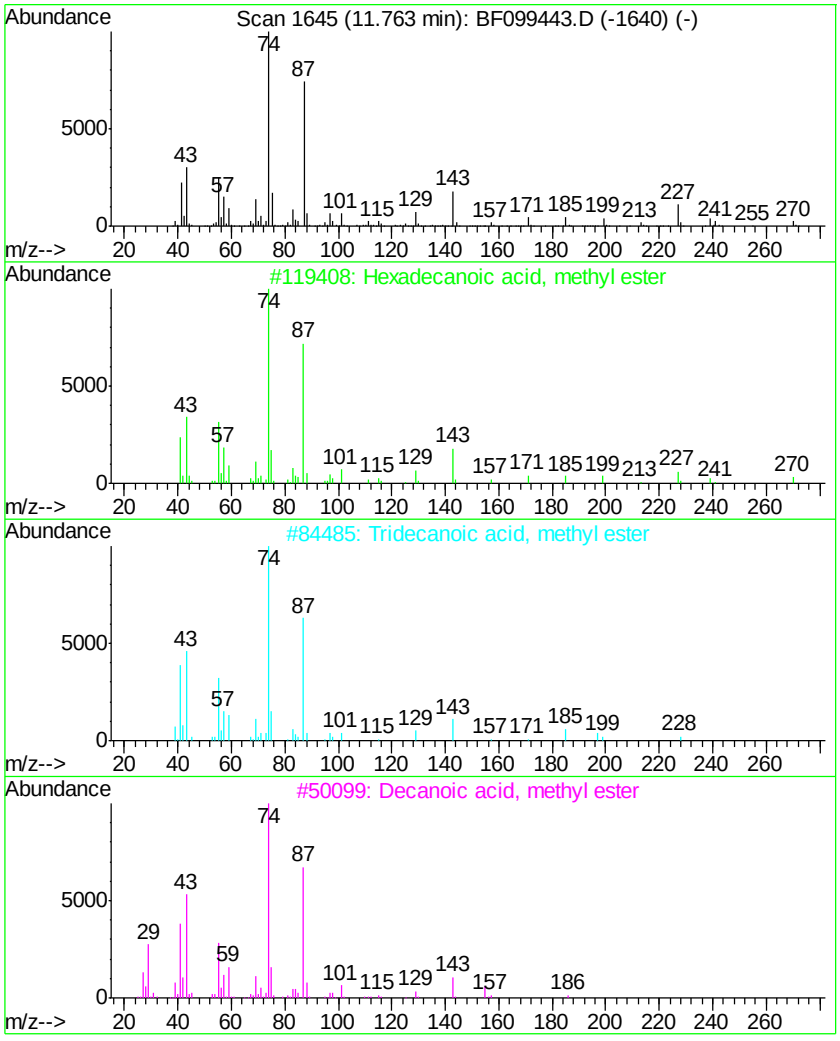
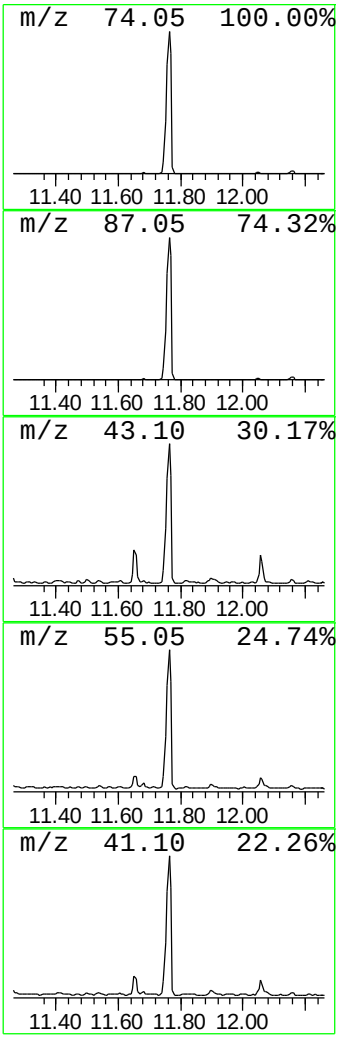
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	129.38 ng	4748010	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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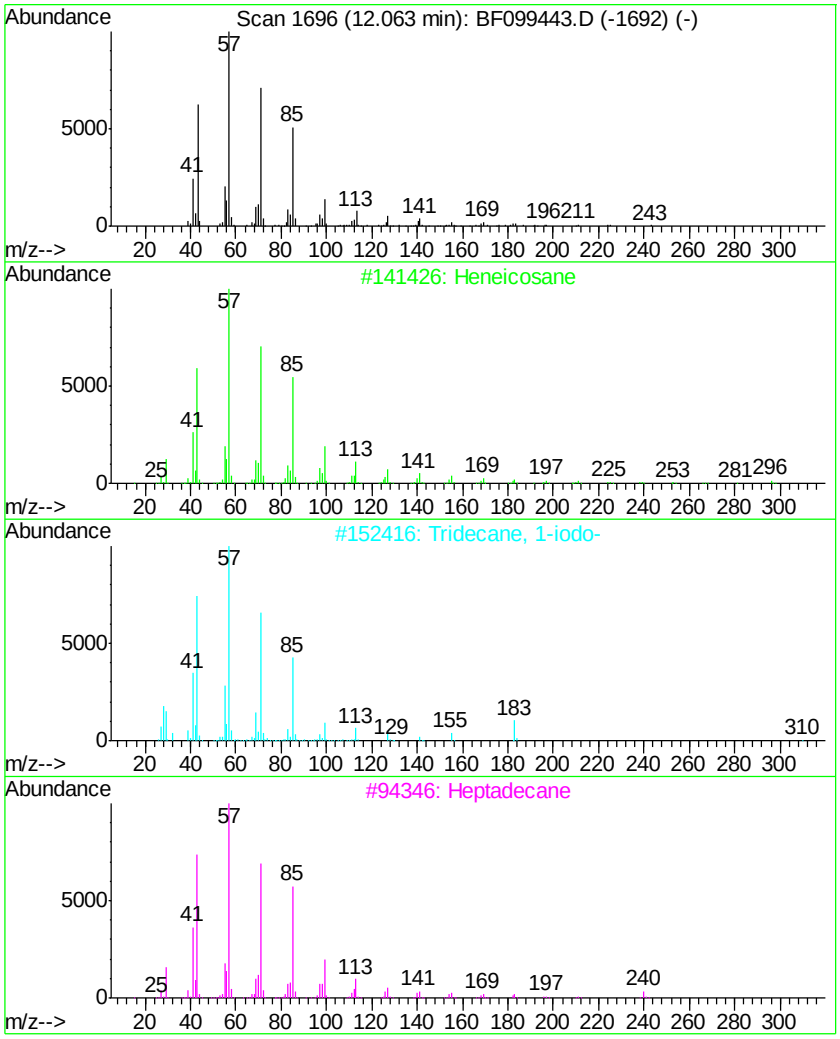
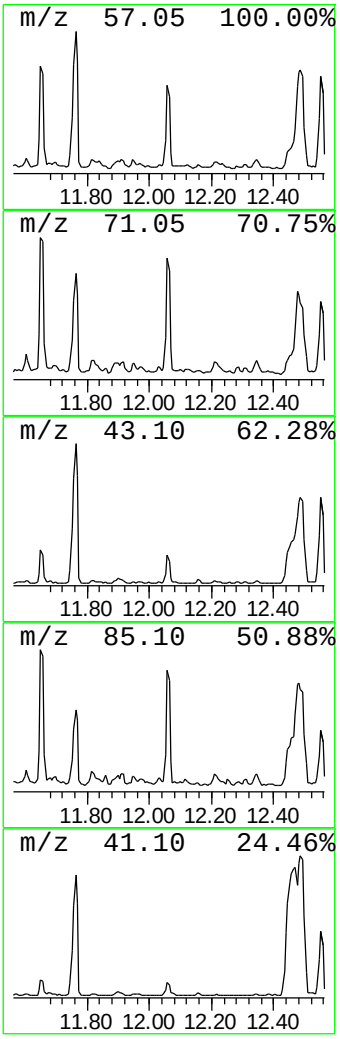
Peak Number 10 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	10.23 ng	375535	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BF099443.D
Acq On : 13 Oct 2017 16:57
Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

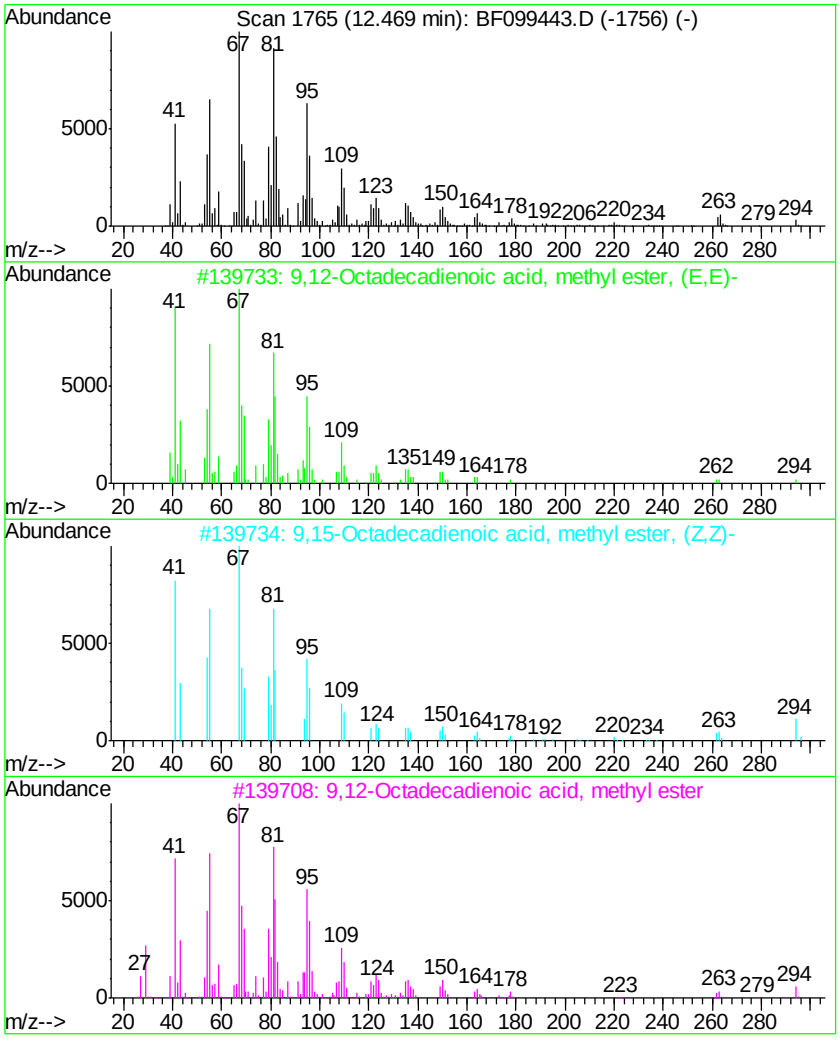
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

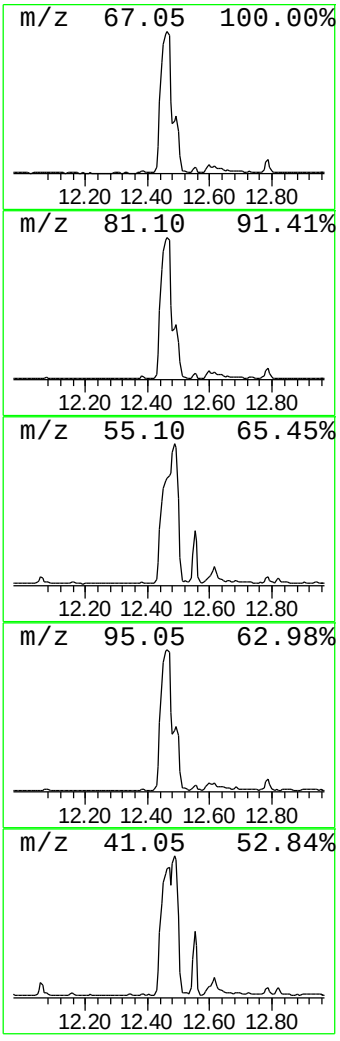
****

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	287.25 ng	10541600	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

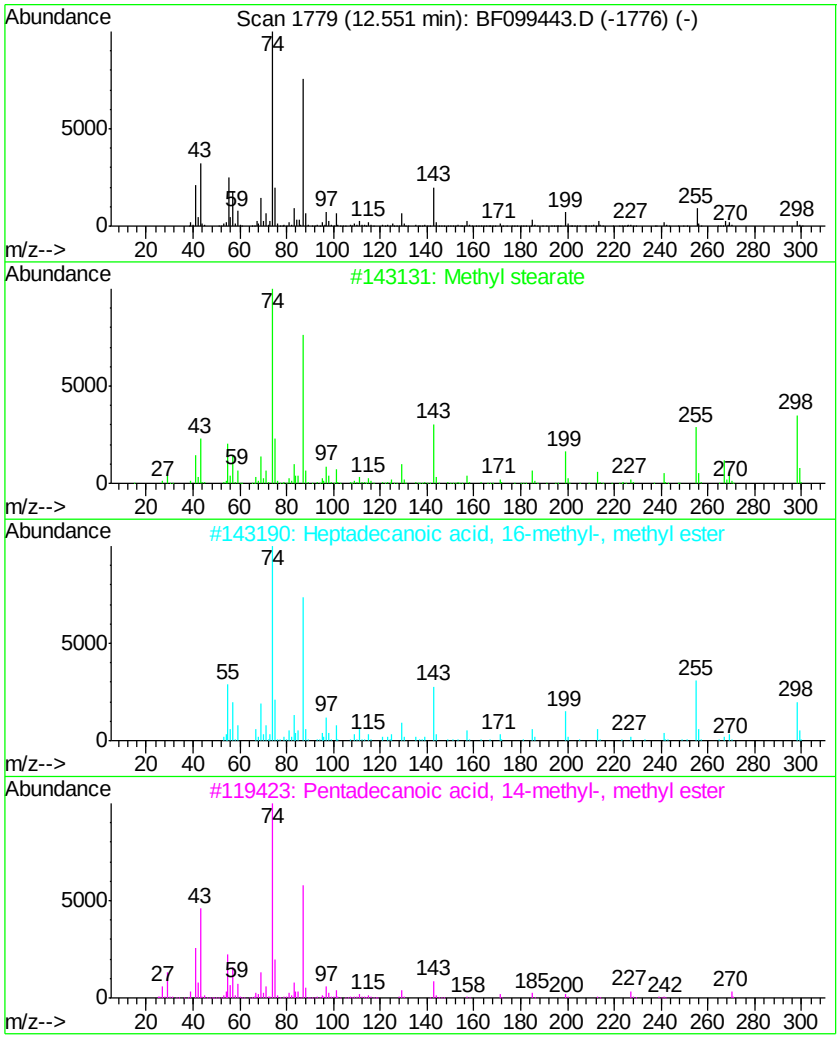
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

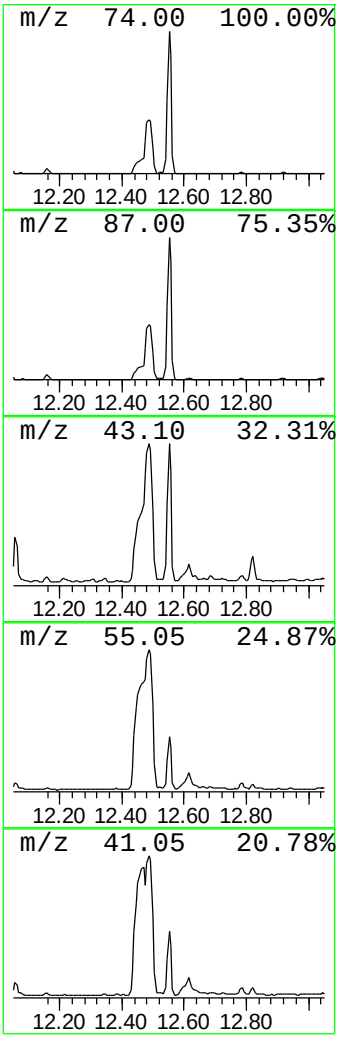
****

Peak Number 12 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	63.25 ng	2320990	Phenanthrene-d10	11.37

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	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

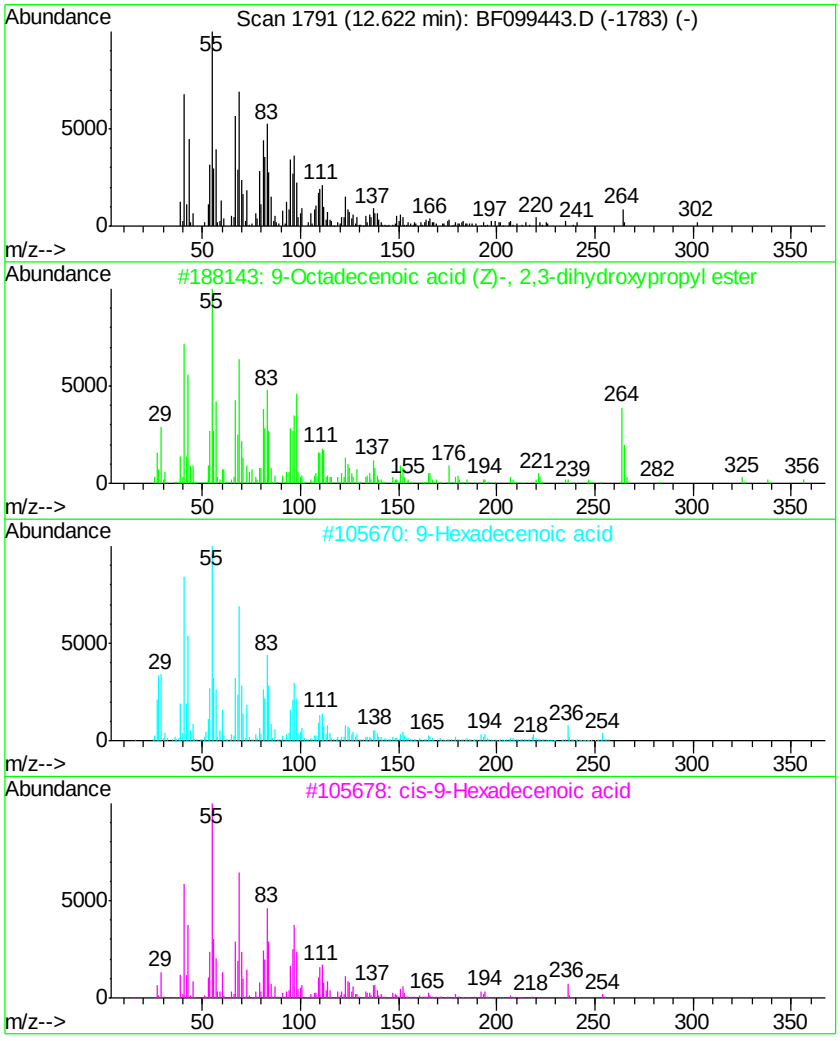
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

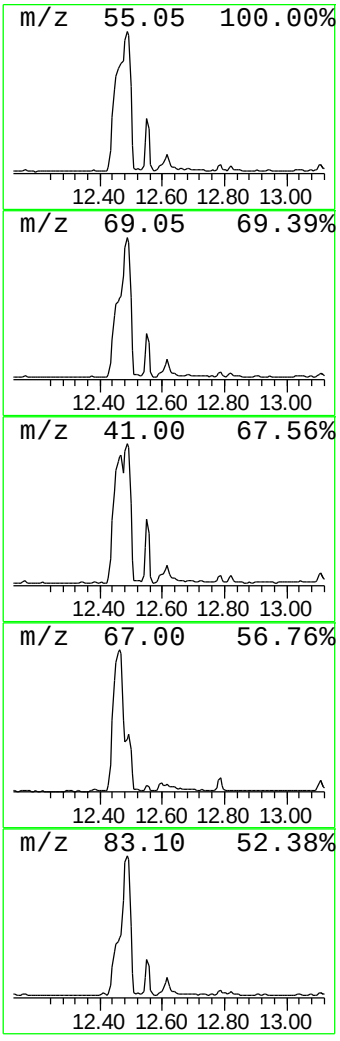
****

Peak Number 13 9-Octadecenoic acid (Z)-, 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	26.11 ng	958010	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	87
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	87
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	76
4	Oleic Acid	282	C18H34O2	000112-80-1	76
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	74





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Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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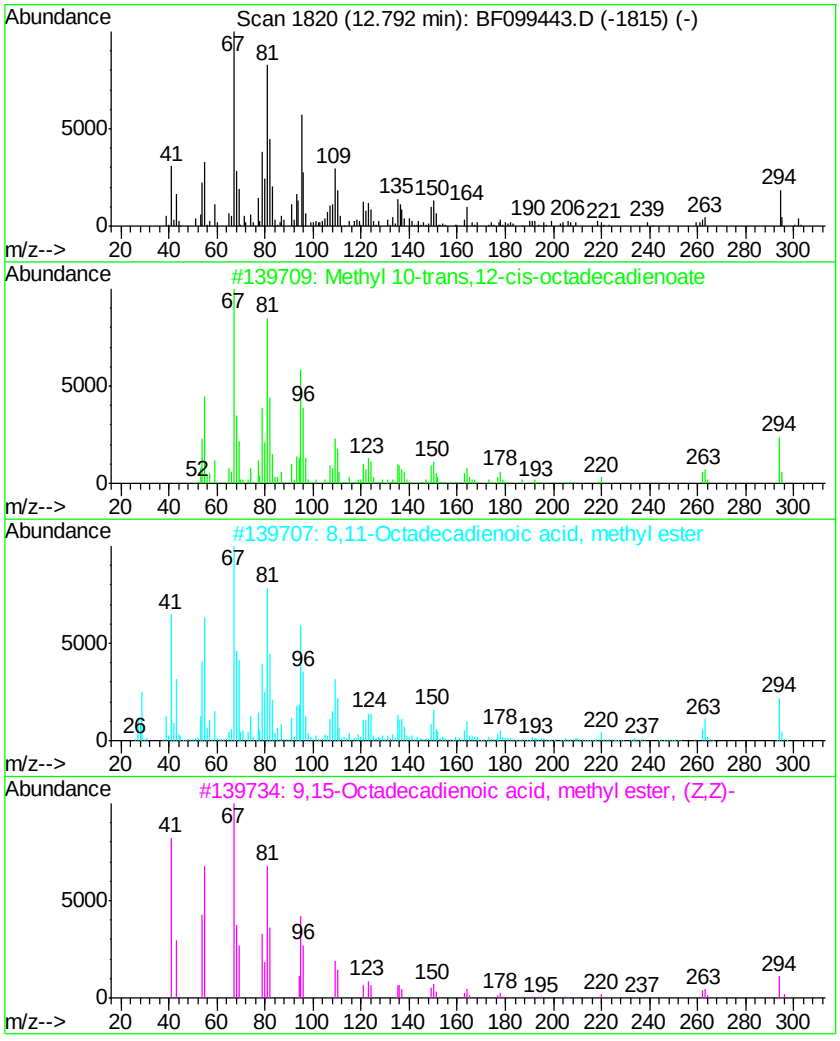
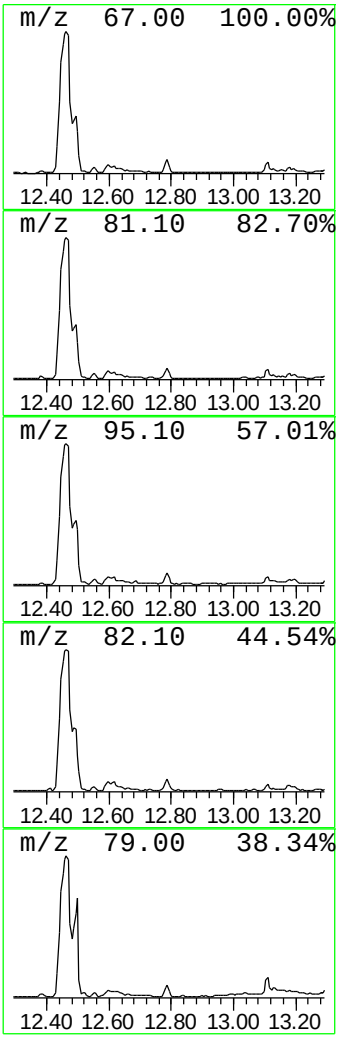
Peak Number 14 Methyl 10-trans,12-cis-octa... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	10.92 ng	320969	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	96
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	86





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Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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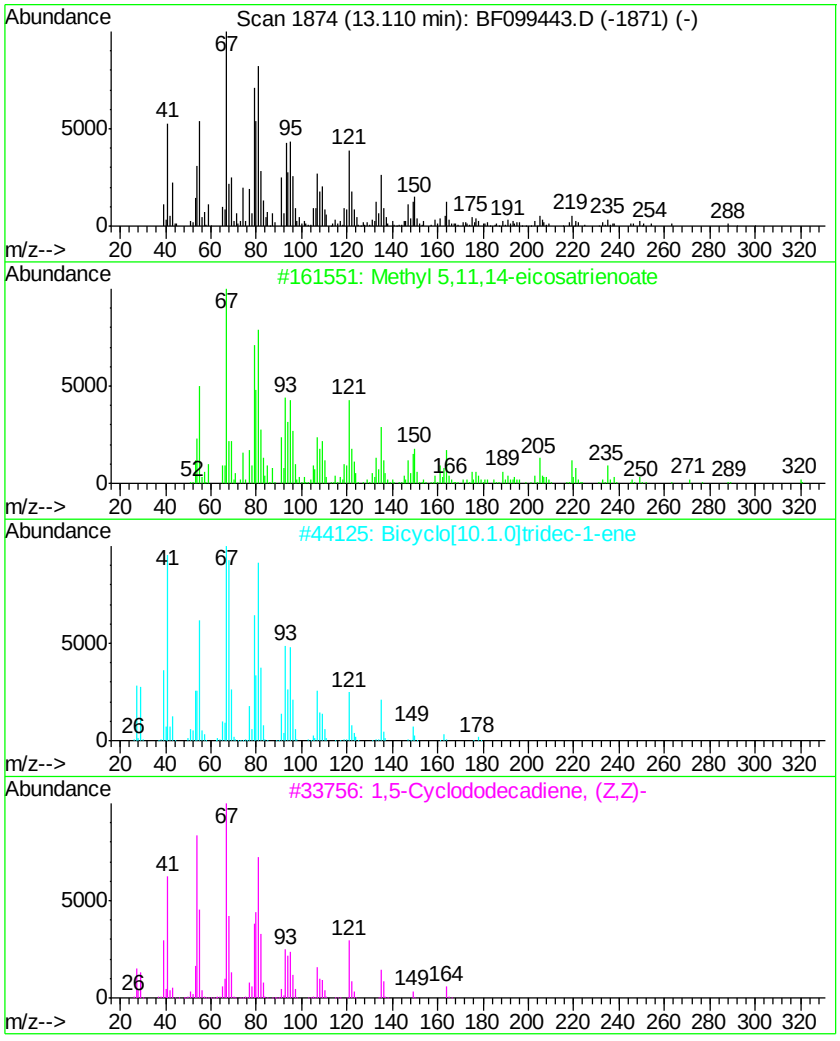
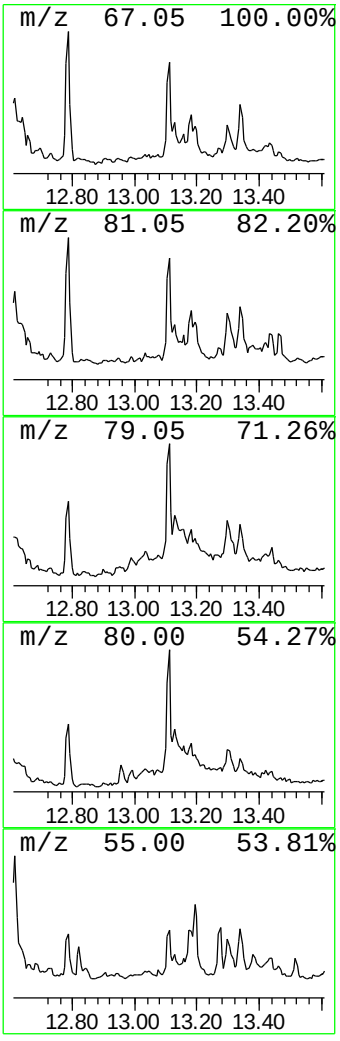
Peak Number 15 Methyl 5,11,14-eicosatrienoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	11.57 ng	340171	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	87
3	1,5-Cyclododecadiene, (Z,Z)-	164	C12H20	031821-17-7	62
4	Cis-8-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-3	60
5	1-Hexadecyne	222	C16H30	000629-74-3	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

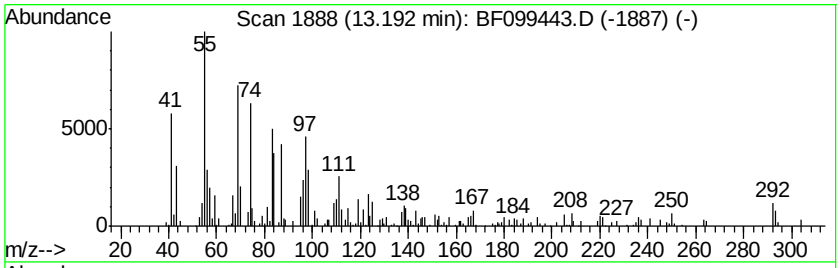
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

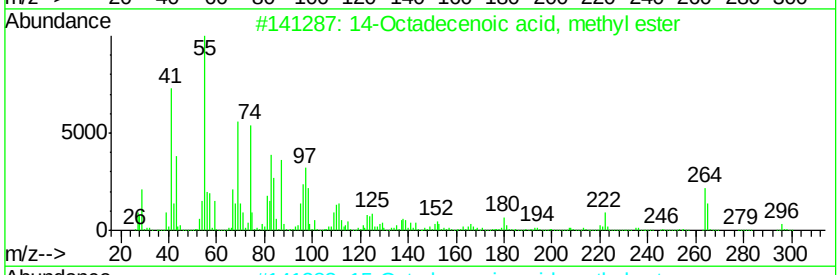
****

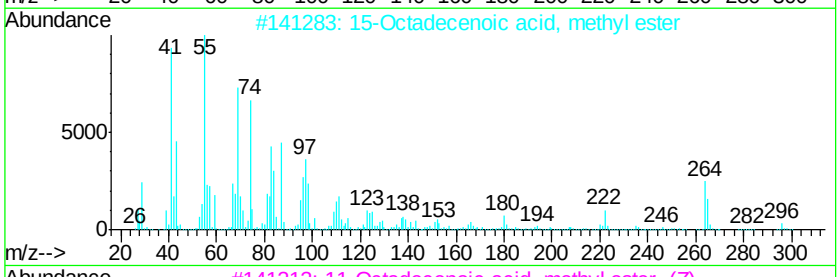
Peak Number 16 14-Octadecenoic acid, methy... Concentration Rank 13

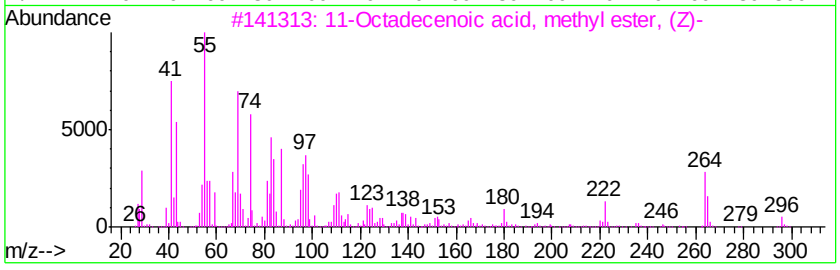
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	10.81 ng	317758	Chrysene-d12	14.02

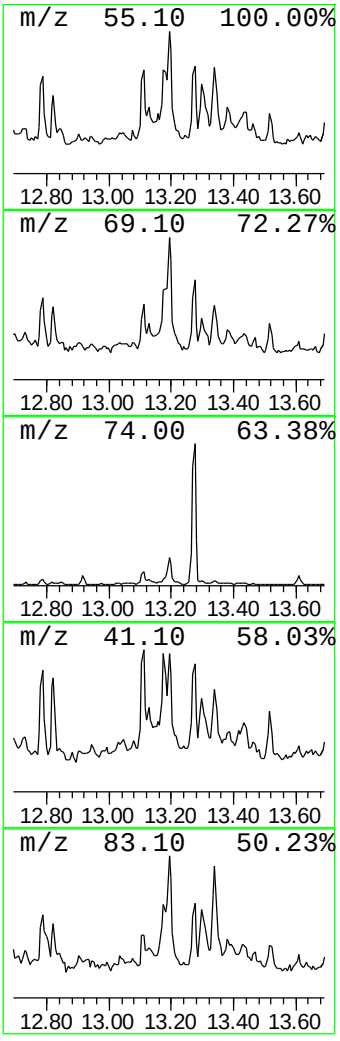
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	80
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	74











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Operator : SJ/JU
Sample : I5775-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

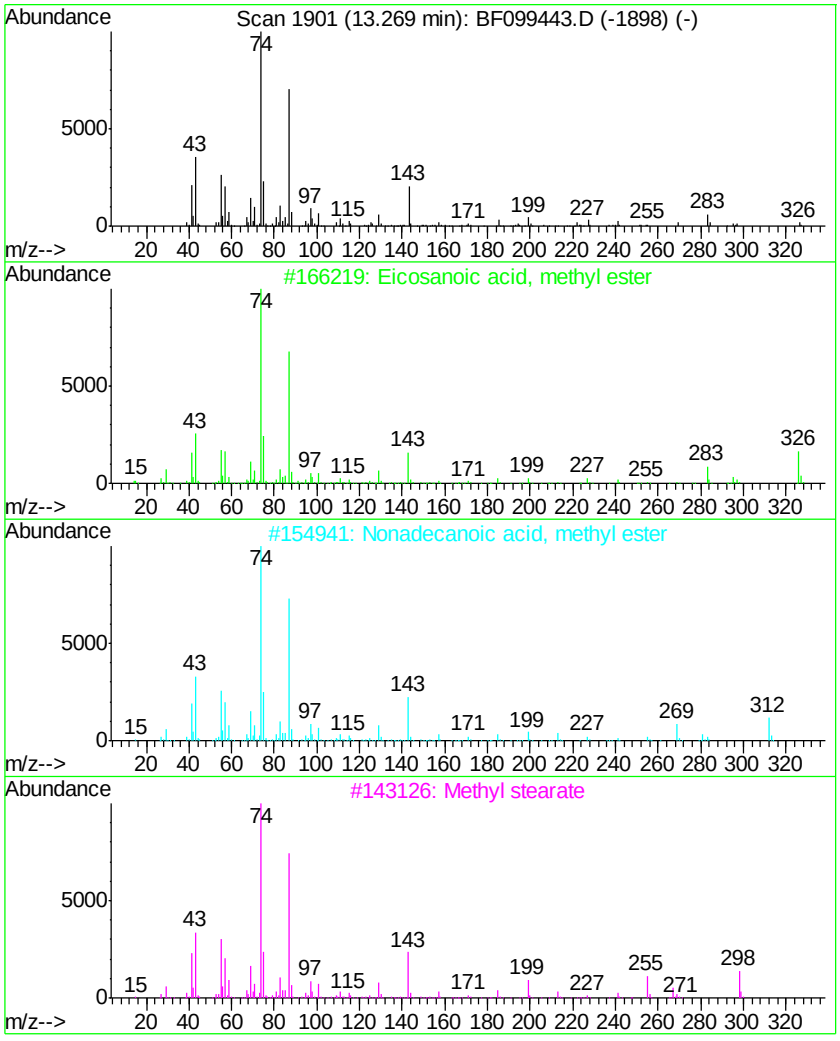
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

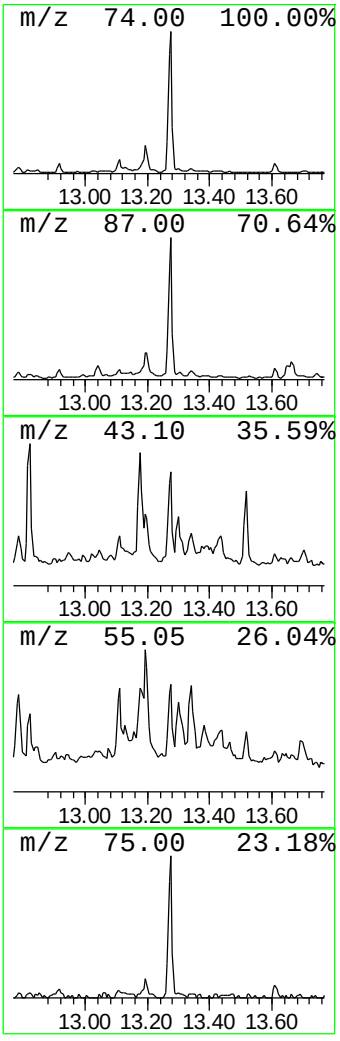
****

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	10.23 ng	300726	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
3	Methyl stearate	298	C19H38O2	000112-61-8	87
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	83





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Misc :
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ClientSampleId : SU-04-101017

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TIC Library : C:\DATABASE\NIST11.L
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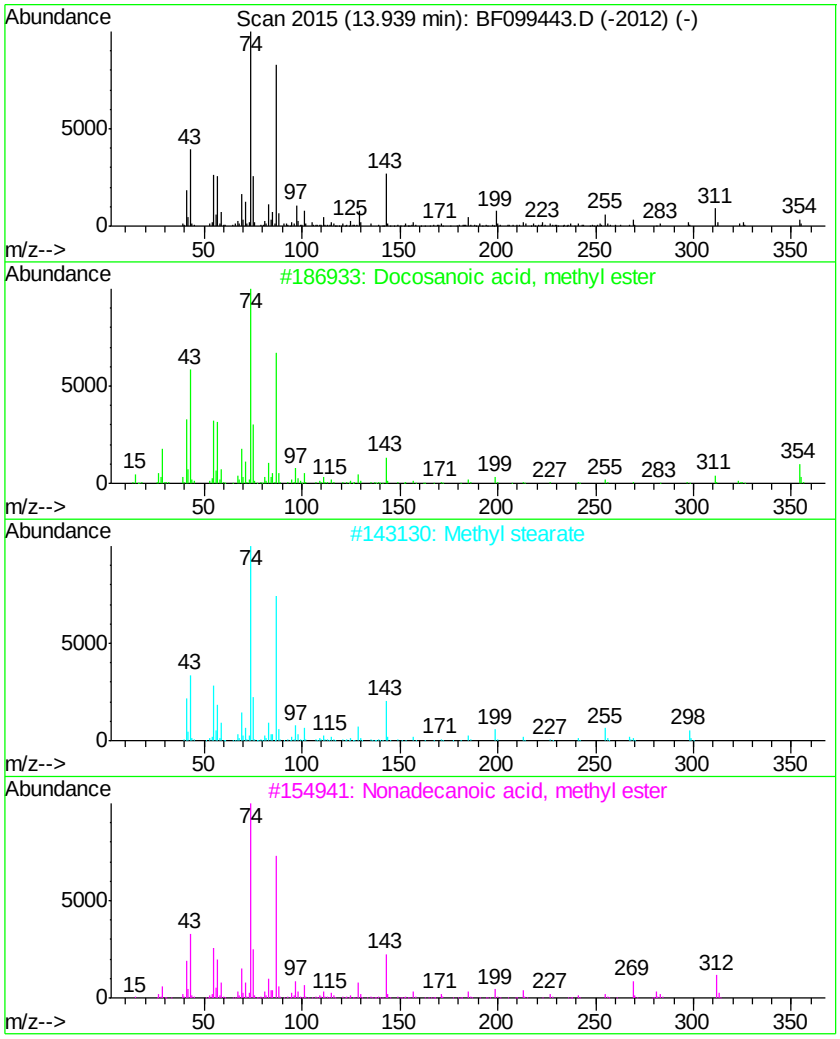
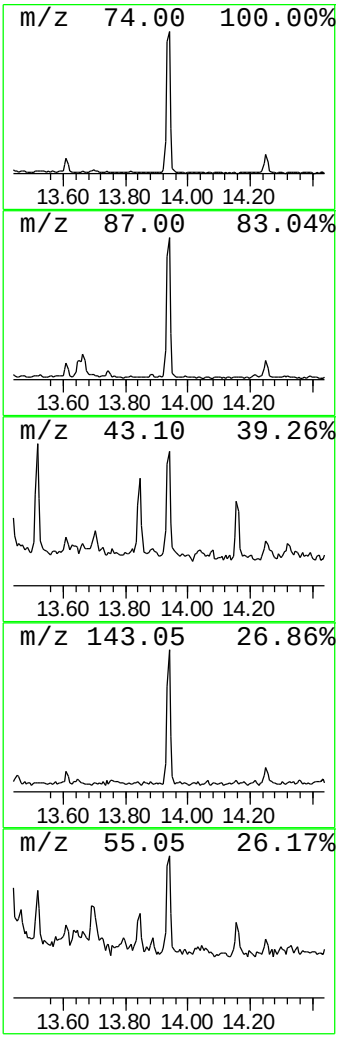
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.37 ng	246051	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl stearate	298	C19H38O2	000112-61-8	87
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	83
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	80





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

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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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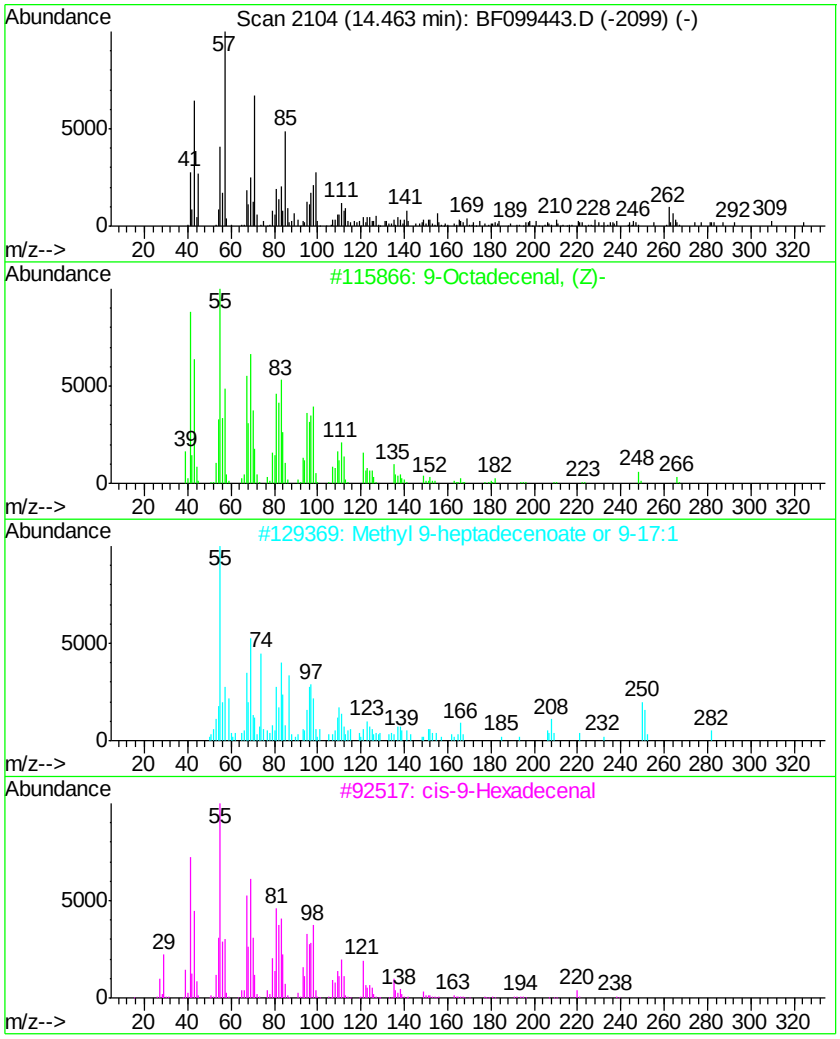
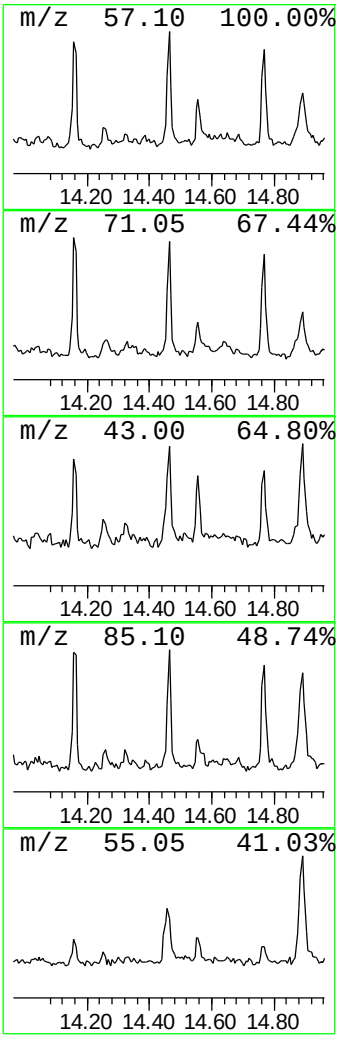
Peak Number 19 9-Octadecenal, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	9.33 ng	274287	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	92
2	Methyl 9-heptadecenoate or 9-17:1	282	C18H34O2	1000336-38-0	45
3	cis-9-Hexadecenal	238	C16H30O	056219-04-6	35
4	(1S,15S)-Bicyclo[13.1.0]hexadeca...	236	C16H28O	102572-89-4	25
5	13-Tetradecenal	210	C14H26O	085896-31-7	25





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TIC Integration Parameters: LSCINT.P

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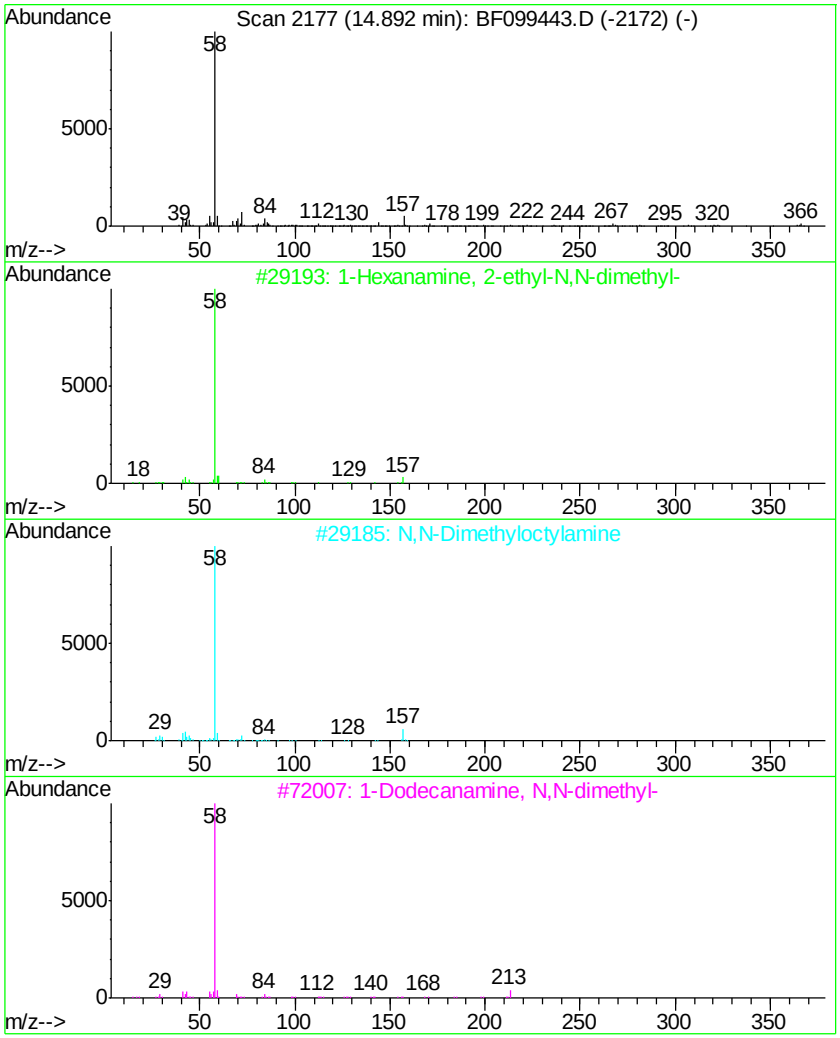
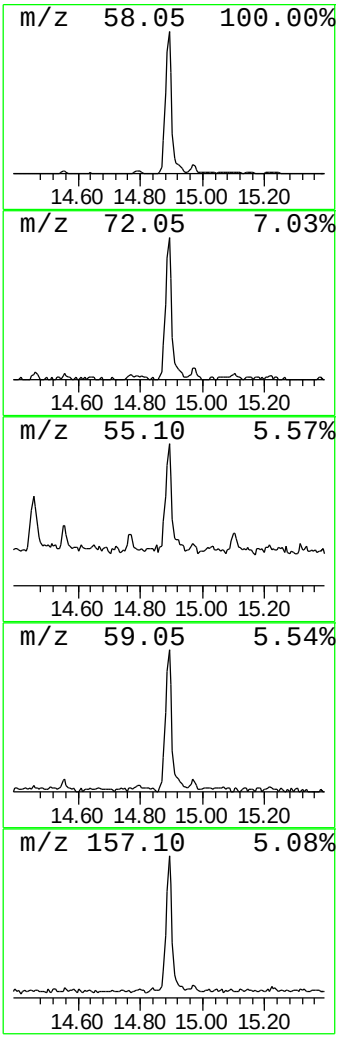
Peak Number 20 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	27.01 ng	874873	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
4	Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	64
5	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64





Tentatively Identified Compound (LSC) summary

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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
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Hexadecane	8.72	9.7	ng	399432	2	8.13	824092	20.0
Tetradecane	9.28	13.5	ng	557724	3	9.89	829000	20.0
Heptadecane	10.78	21.1	ng	774165	4	11.37	733961	20.0
Heptacosane	11.23	13.6	ng	497462	4	11.37	733961	20.0
Pentadecane	11.65	10.7	ng	394245	4	11.37	733961	20.0
Hexadecanoic acid...	11.76	129.4	ng	4748010	4	11.37	733961	20.0
Heneicosane	12.06	10.2	ng	375535	4	11.37	733961	20.0
9,12-Octadecadien...	12.47	287.3	ng	10541600	4	11.37	733961	20.0
Methyl stearate	12.55	63.3	ng	2320990	4	11.37	733961	20.0
9-Octadecenoic ac...	12.62	26.1	ng	958010	4	11.37	733961	20.0
Methyl 10-trans,1...	12.79	10.9	ng	320969	5	14.02	588068	20.0
Methyl 5,11,14-ei...	13.11	11.6	ng	340171	5	14.02	588068	20.0
14-Octadecenoic a...	13.19	10.8	ng	317758	5	14.02	588068	20.0
Eicosanoic acid, ...	13.27	10.2	ng	300726	5	14.02	588068	20.0
Docosanoic acid, ...	13.94	8.4	ng	246051	5	14.02	588068	20.0
9-Octadecenal, (Z)-	14.46	9.3	ng	274287	5	14.02	588068	20.0
1-Hexanamine, 2-e...	14.89	27.0	ng	874873	6	15.49	647766	20.0