LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

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-BF071317.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	4.810	476	480	489	rBV	233693	283015	1.49%	0.414%
2	5.245	549	554	557	rBV	1875334	1911703	10.07%	2.794%
3	6.281	726	730	741	rVB	1863955	1981884	10.44%	2.897%
4	6.410	747	752	755	rBV	2042694	1855780	9.78%	2.712%
5	6.639	787	791	794	rBV	740935	667689	3.52%	0.976%
6	6.792	813	817	821	rBV	1589875	1434476	7.56%	2.097%
7	7.198	879	886	889	rBV	1090576	988121	5.20%	1.444%
8	7.922	1005	1009	1012	rBV	1386196	1202041	6.33%	1.757%
9	8.227	1055	1061	1064	rBV4	120673	195588	1.03%	0.286%
10	8.363	1081	1084	1088	rVV3	219603	264078	1.39%	0.386%
11	8.427	1092	1095	1099	rBV2	225619	214681	1.13%	0.314%
12	8.527	1107	1112	1116	rBV	629940	669390	3.53%	0.978%
13	8.586	1119	1122	1124	rVV3	156582	196143	1.03%	0.287%
14	8.745	1143	1149	1151	rBV4	217913	254813	1.34%	0.372%
15	8.963	1183	1186	1188	rVB3	220794	195033	1.03%	0.285%
16	8.998	1188	1192	1195	rBV	1668162	1352457	7.12%	1.977%
17	9.092	1205	1208	1212	rBV	741348	640325	3.37%	0.936%
18	9.151	1214	1218	1220	rVV2	150525	192902	1.02%	0.282%
19	9.269	1231	1238	1243	rBV6	288423	382166	2.01%	0.559%
20	9.392	1256	1259	1261	rBV	386072	363142	1.91%	0.531%
21	9.622	1295	1298	1301	rBV	934538	699253	3.68%	1.022%
22	9.669	1301	1306	1310	rBV	735483	772172	4.07%	1.129%
23	9.857	1333	1338	1340	rBV3	136614	219026	1.15%	0.320%
24	9.945	1350	1353	1357	rVB3	216749	199096	1.05%	0.291%
25	10.121	1380	1383	1386	rVB	930443	707314	3.73%	1.034%
26	10.339	1416	1420	1423	rBV	308892	367206	1.93%	0.537%
27	10.457	1437	1440	1444	rVB	854632	783786	4.13%	1.146%
28	10.592	1460	1463	1470	rBV	959193	1070367	5.64%	1.564%
29	11.039	1535	1539	1542	rBV	872563	732133	3.86%	1.070%
30	11.068	1542	1544	1550	rVB	303511	290497	1.53%	0.425%
31	11.151	1554	1558	1560	rBV	562058	520020	2.74%	0.760%
32	11.463	1608	1611	1614	rBV	605729	608407	3.20%	0.889%
33	11.580	1624	1631	1634	rVB	5518334	7567849	39.86%	11.061%
34	11.716	1650	1654	1659	rVB3	166658	229252	1.21%	0.335%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.868	1677	1680	1685	rVB	503335	533037	2.81%	0.779%
36	11.968	1694	1697	1702	rVB	190545	197454	1.04%	0.289%
37	12.292	1740	1752	1753	rBV3	5944227	18984471	100.00%	27.746%
38	12.368	1761	1765	1768	rVB2	4206334	4265468	22.47%	6.234%
39	12.439	1768	1777	1785	rBV2	1742864	3692938	19.45%	5.397%
40	12.592	1799	1803	1807	rVV	923561	885128	4.66%	1.294%
41	12.633	1807	1810	1819	rVB	390603	391200	2.06%	0.572%
42	12.745	1826	1829	1832	rBV	1052816	974676	5.13%	1.425%
43	12.792	1834	1837	1840	rVV	476749	548127	2.89%	0.801%
44	12.839	1840	1845	1850	rVB3	485173	893124	4.70%	1.305%
45	12.910	1855	1857	1859	rVV	216116	241922	1.27%	0.354%
46	12.951	1859	1864	1867	rVV2	985034	1615809	8.51%	2.362%
47	12.998	1867	1872	1875	rVB2	415389	674820	3.55%	0.986%
48	13.080	1883	1886	1889	rVB	655022	532479	2.80%	0.778%
49	13.186	1901	1904	1907	rBV3	184596	191373	1.01%	0.280%
50	13.239	1910	1913	1916	rVB3	320844	344843	1.82%	0.504%
51	13.504	1954	1958	1961	rVB2	478922	603558	3.18%	0.882%
52	13.745	1996	1999	2002	rBV	599307	531797	2.80%	0.777%
53	13.786	2002	2006	2008	rBV2	456196	488843	2.57%	0.714%
54	14.362	2102	2104	2109	rBV4	216354	210197	1.11%	0.307%
55	14.574	2137	2140	2147	rBV3	193038	232890	1.23%	0.340%
56	14.674	2152	2157	2164	rBV	998311	1375925	7.25%	2.011%

Sum of corrected areas: 68421884

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Data File : BF096762.D
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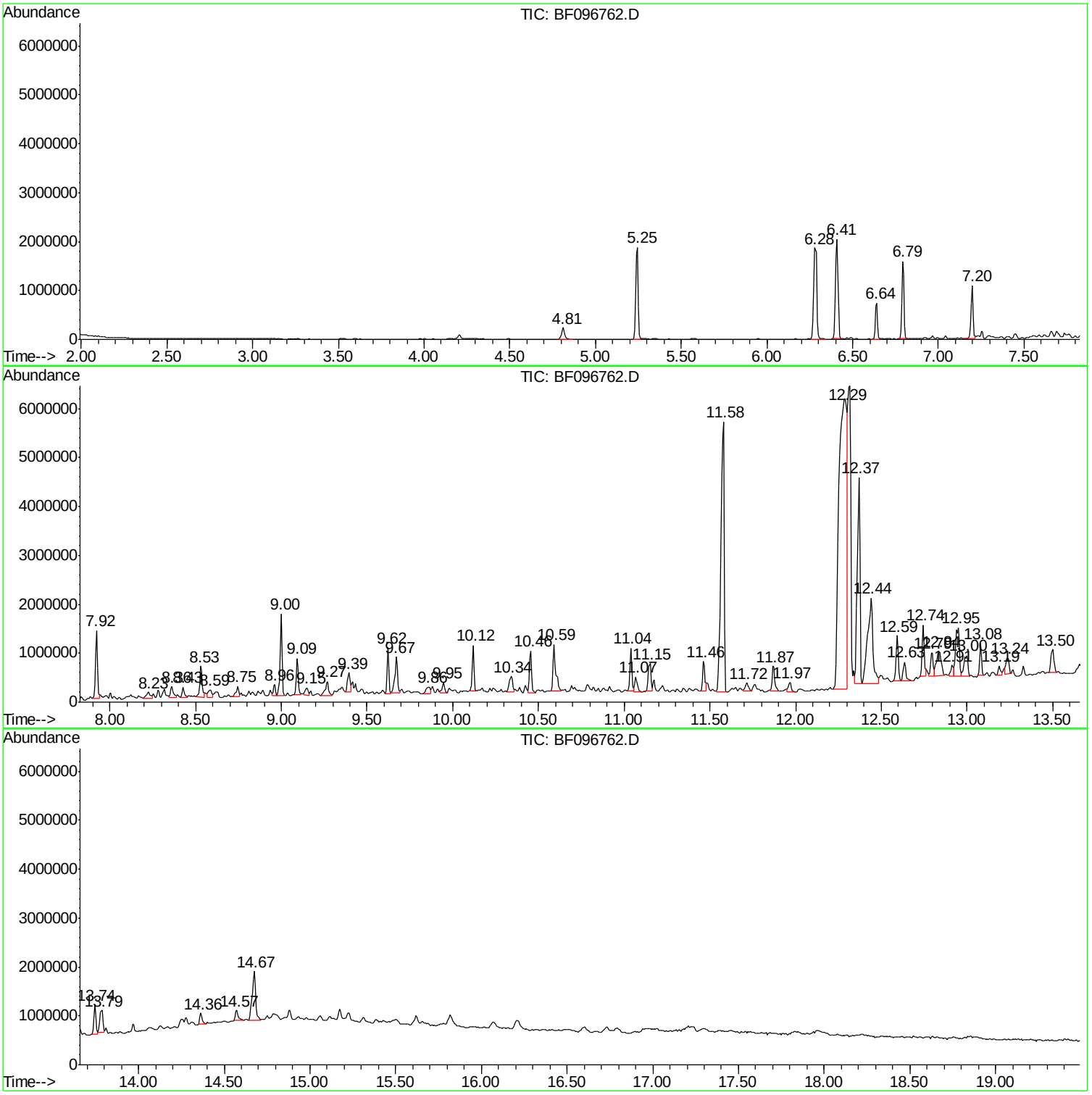
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
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Instrument : BNA_F
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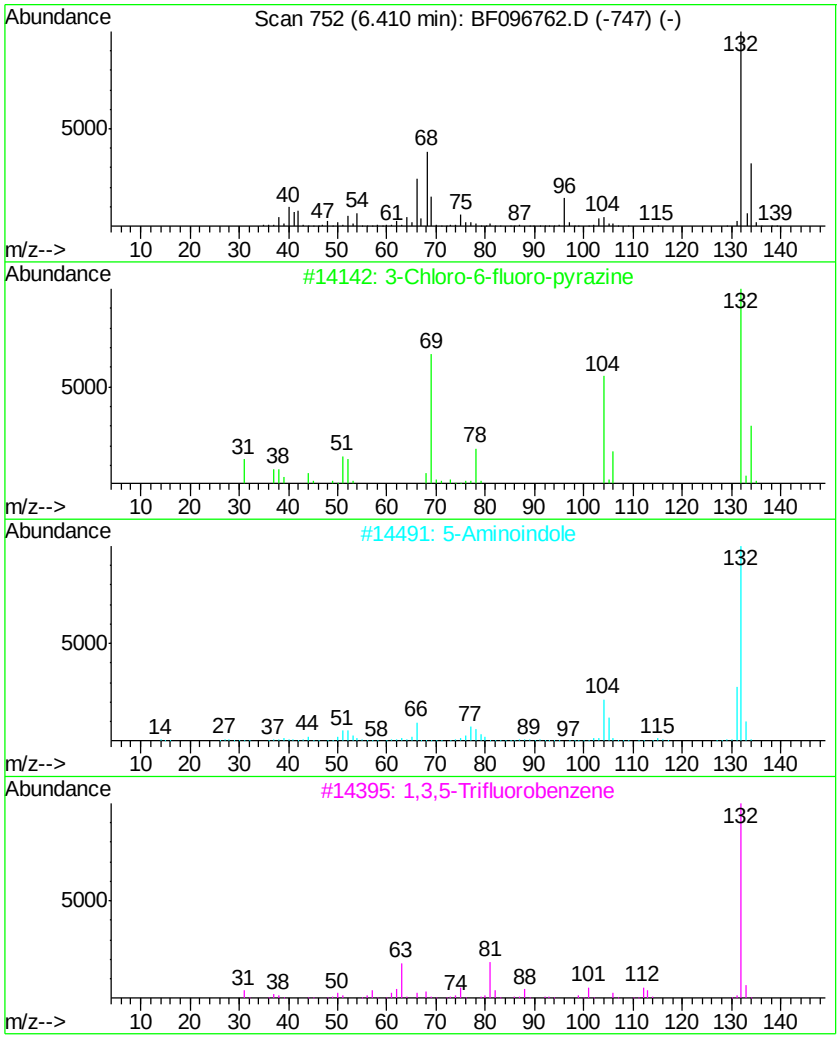
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

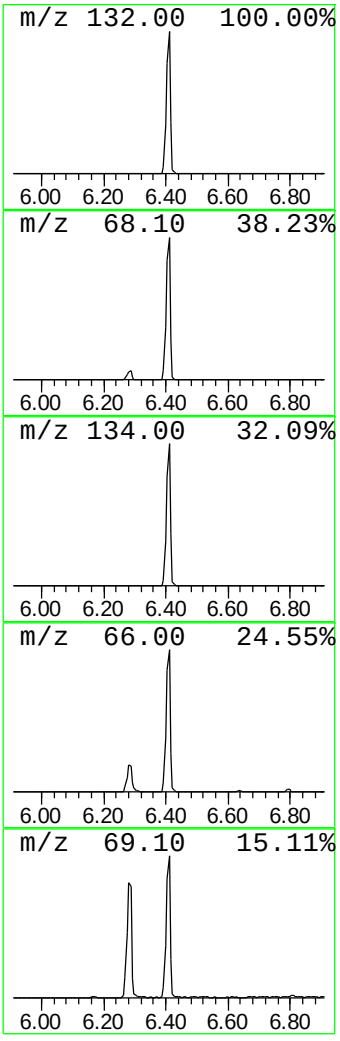
****

Peak Number 1 unknown6.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	55.59 ng	1855780	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	9
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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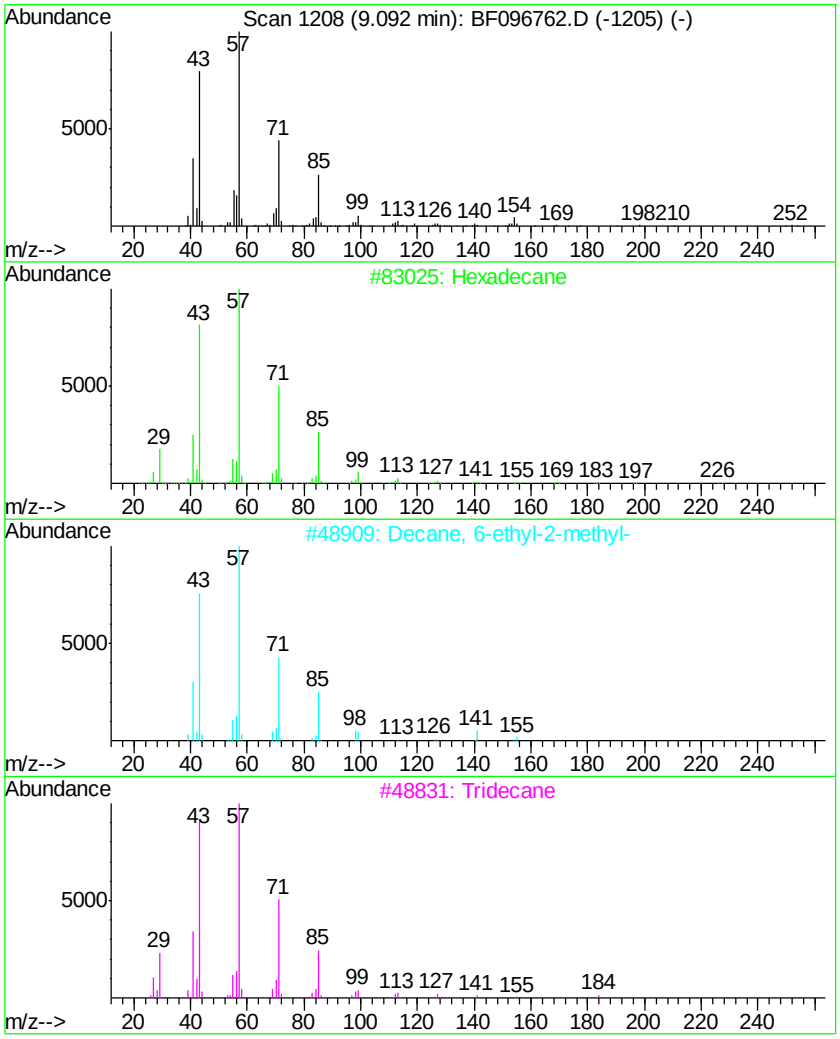
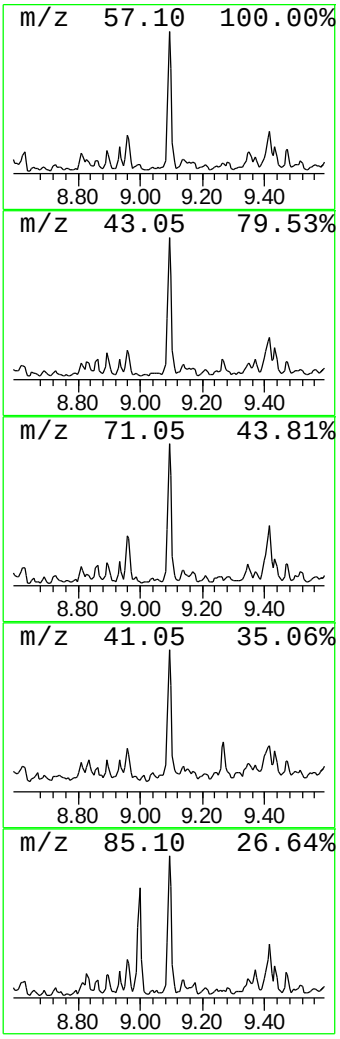
Peak Number 3 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	16.59 ng	640325	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3	Tridecane	184	C13H28	000629-50-5	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

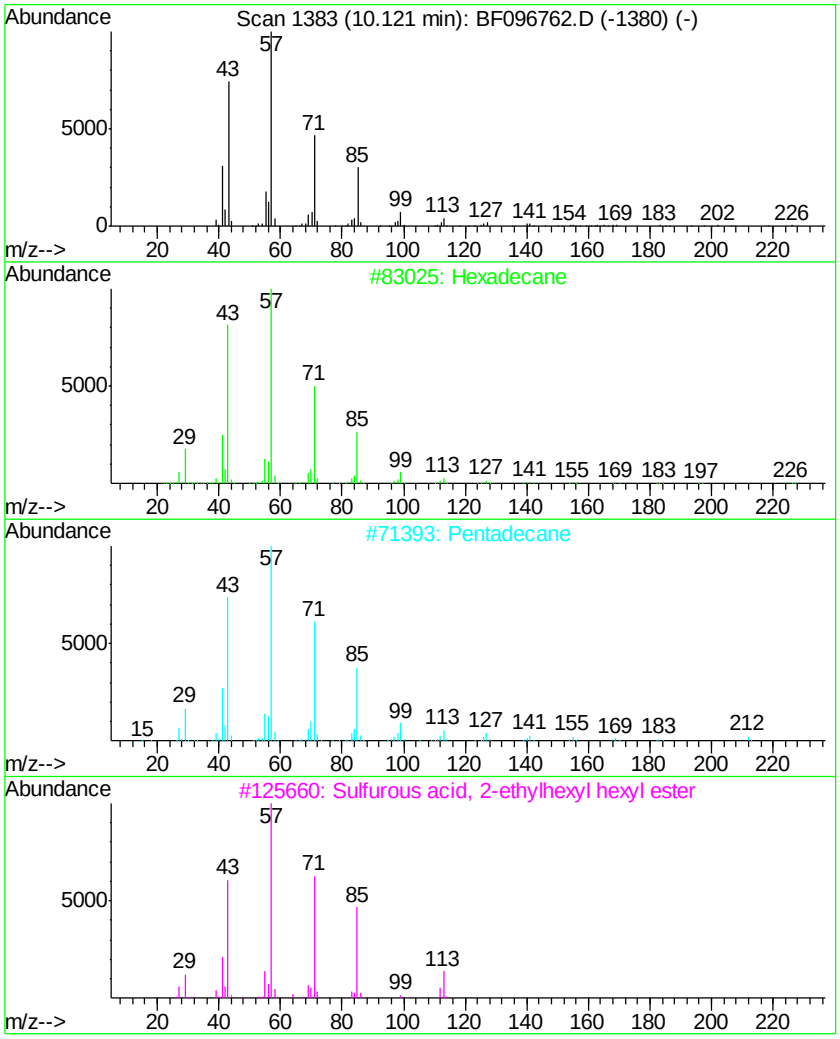
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

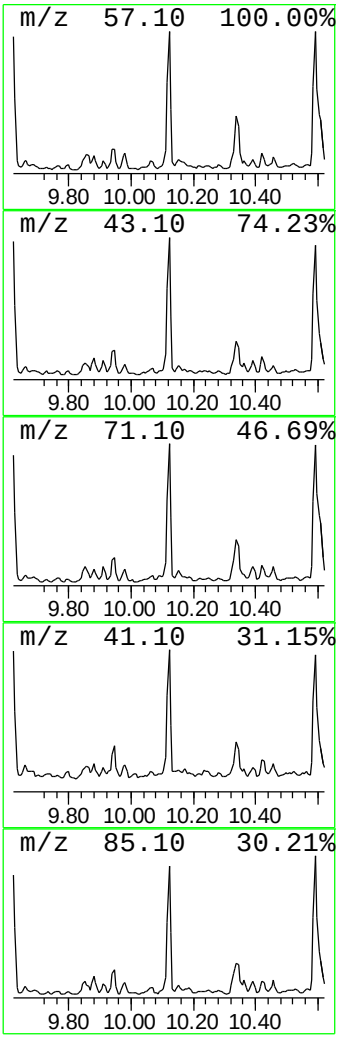
****

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	18.32 ng	707314	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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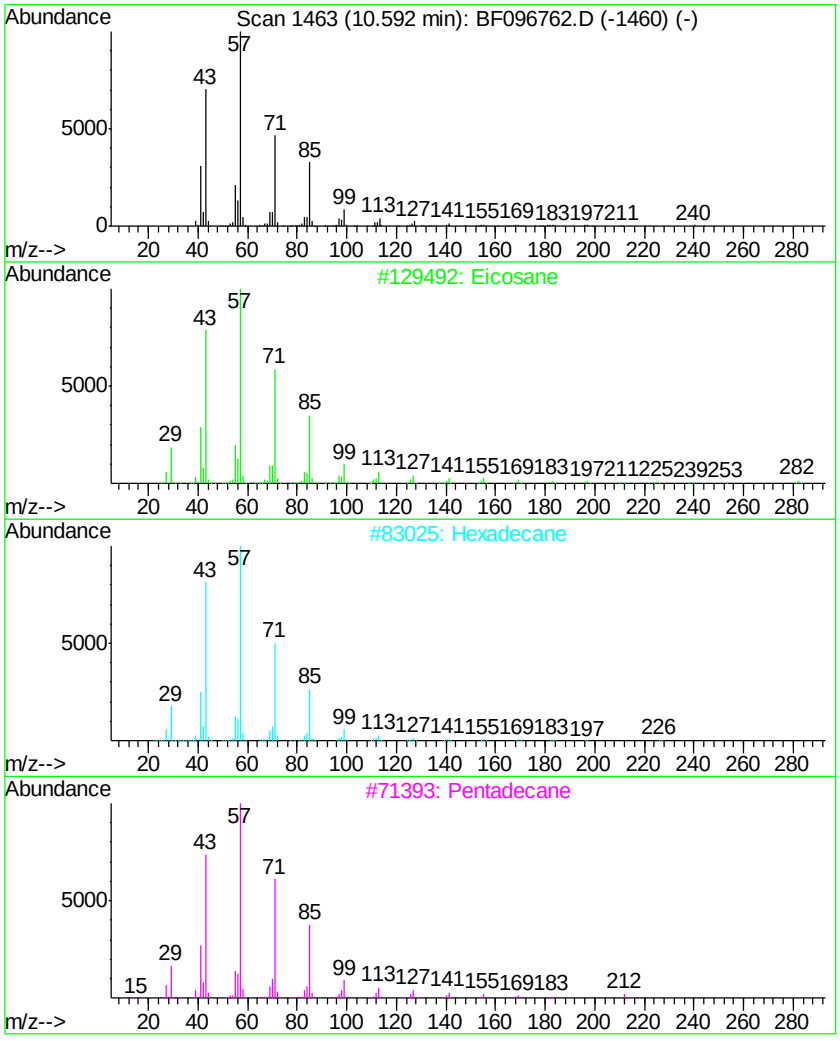
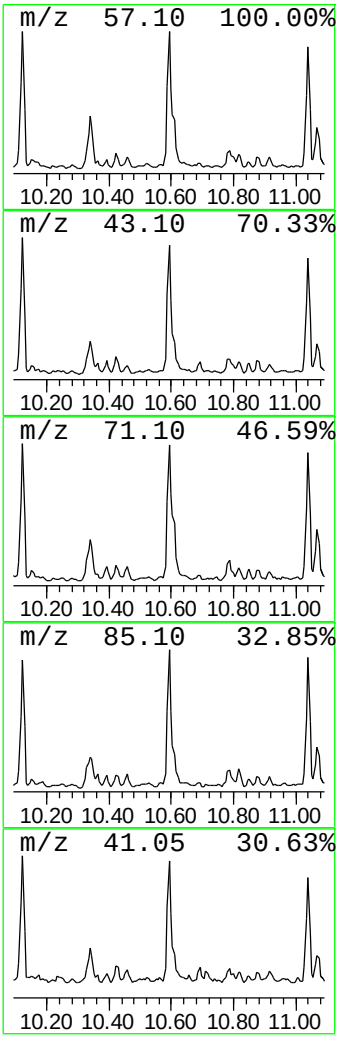
Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	41.17 ng	1070370	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 14 Jul 2017 7:23
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Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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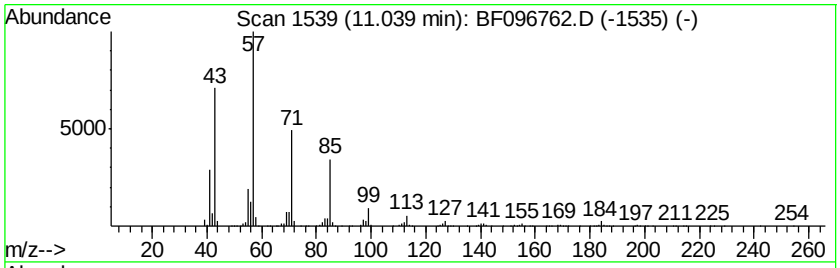
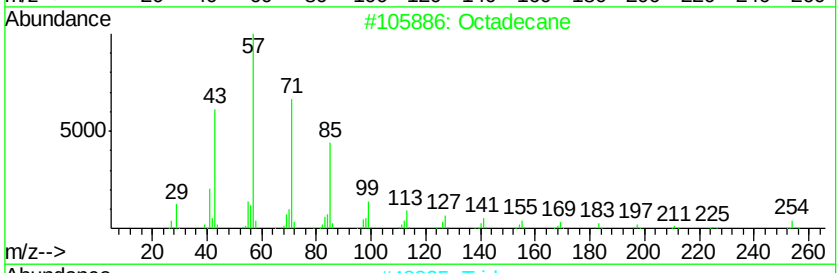
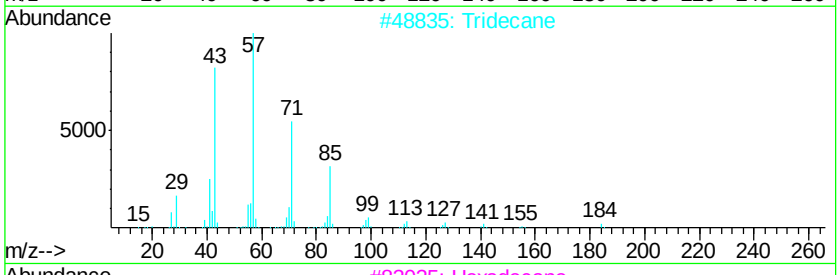
Peak Number 6 Octadecane Concentration Rank 10

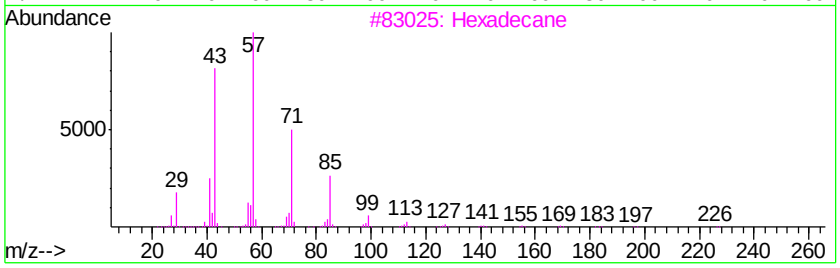
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	28.16 ng	732133	Phenanthrene-d10	11.15

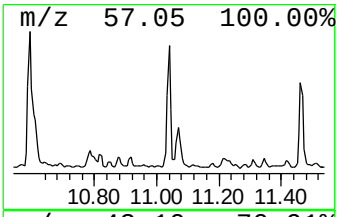
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86

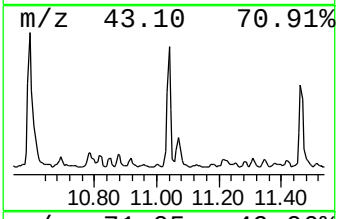


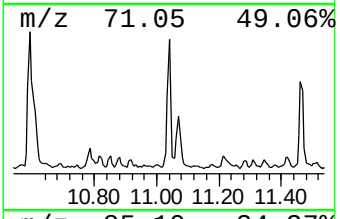


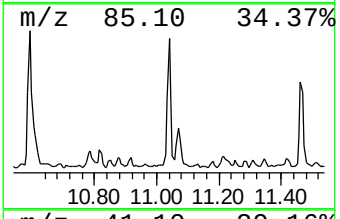


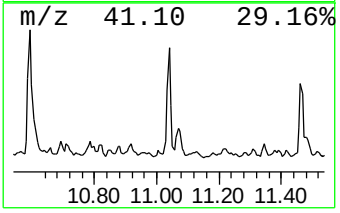












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Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

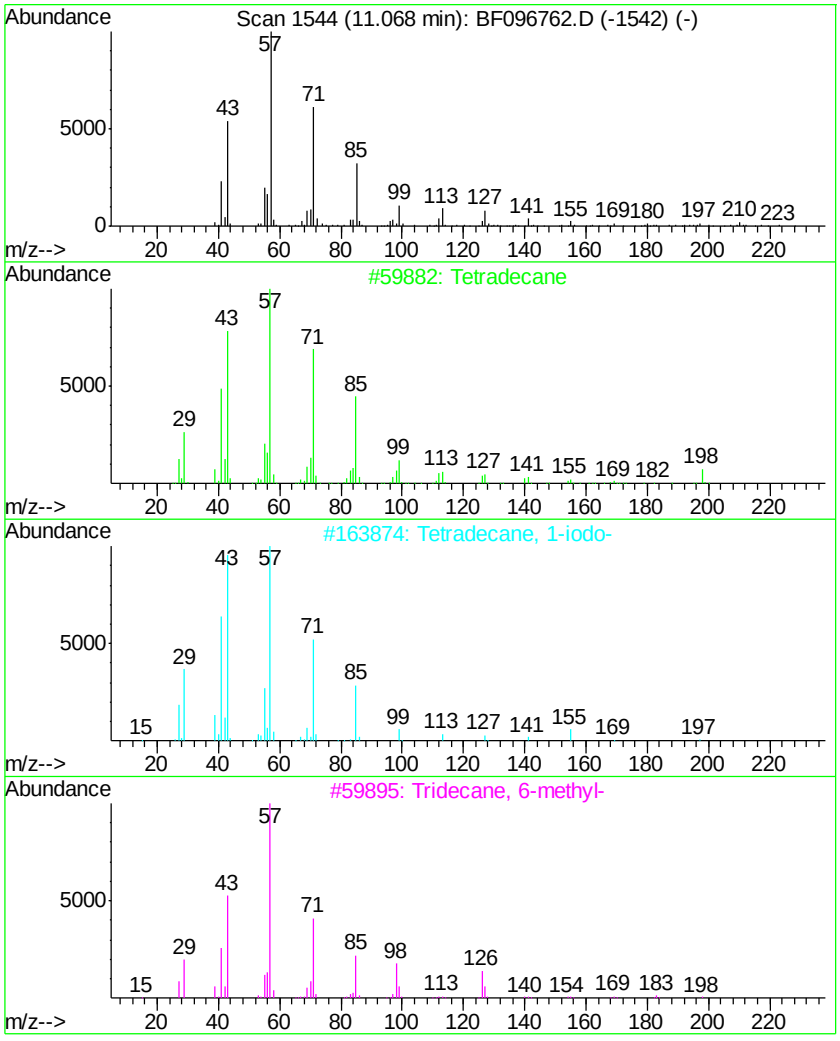
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

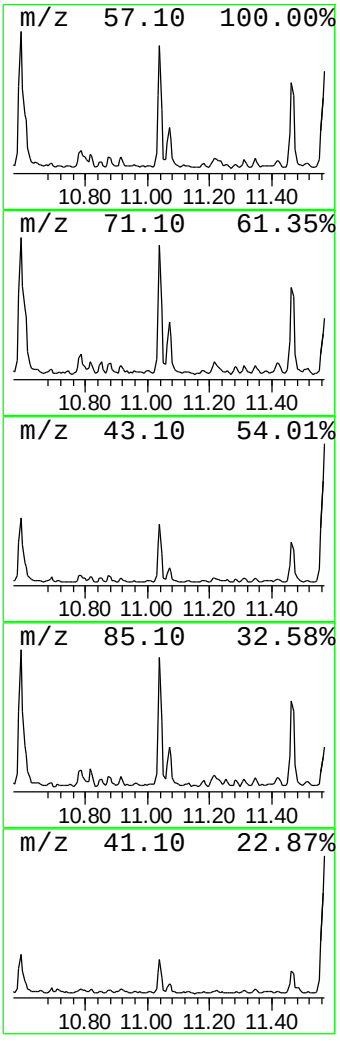
****

Peak Number 7 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	11.17 ng	290497	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Decane, 3-methyl-	156	C11H24	013151-34-3	68
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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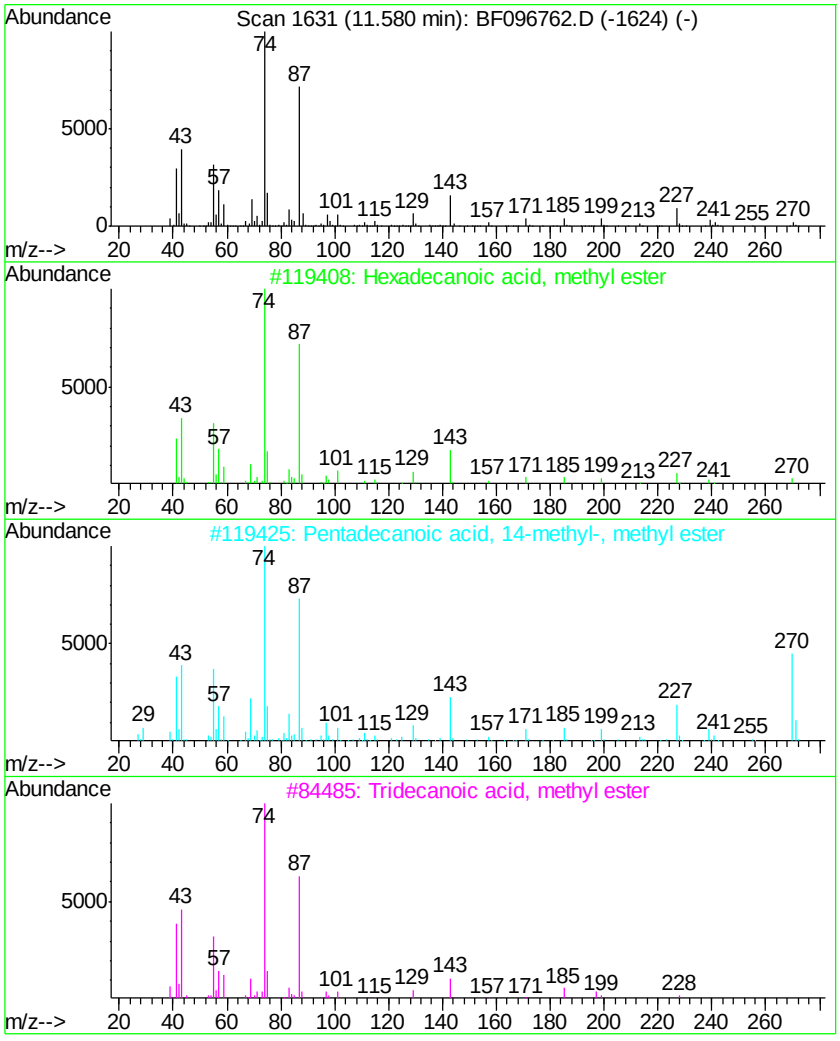
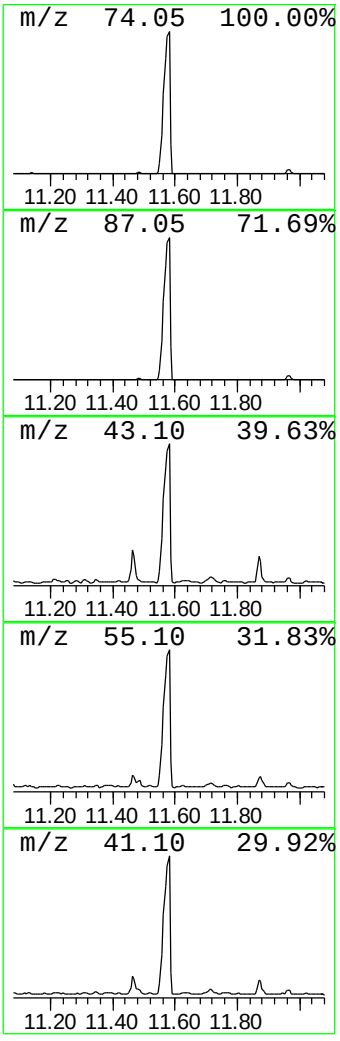
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	291.06 ng	7567850	Phenanthrene-d10	11.15

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	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Library Search Compound Report

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Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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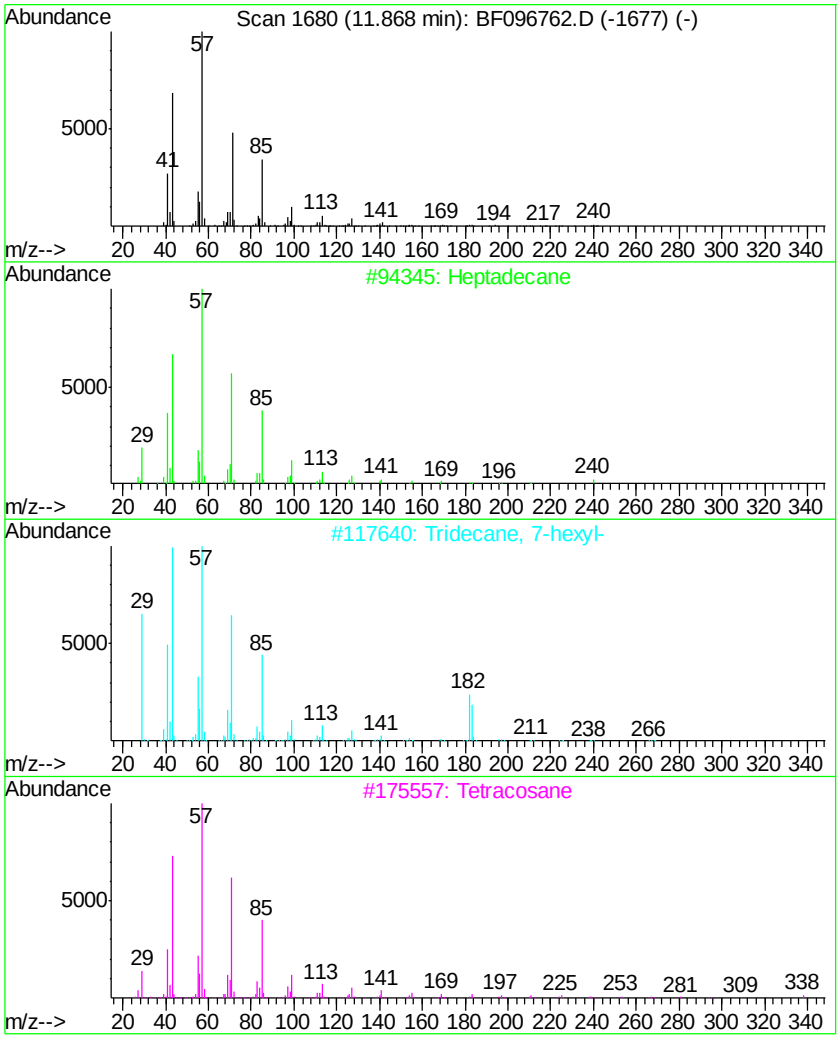
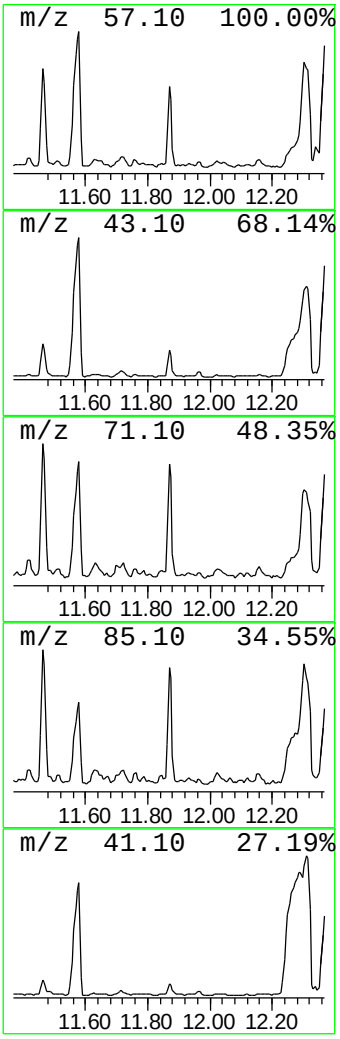
Peak Number 10 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	20.50 ng	533037	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Pentadecane	212	C15H32	000629-62-9	86





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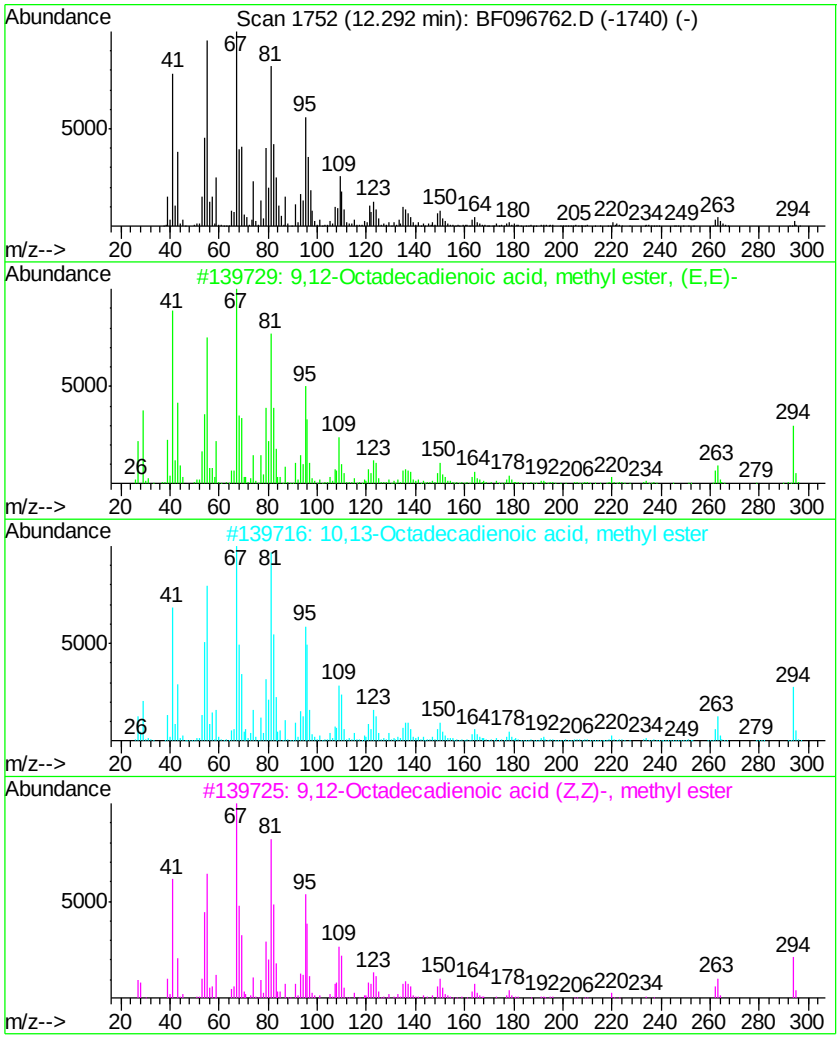
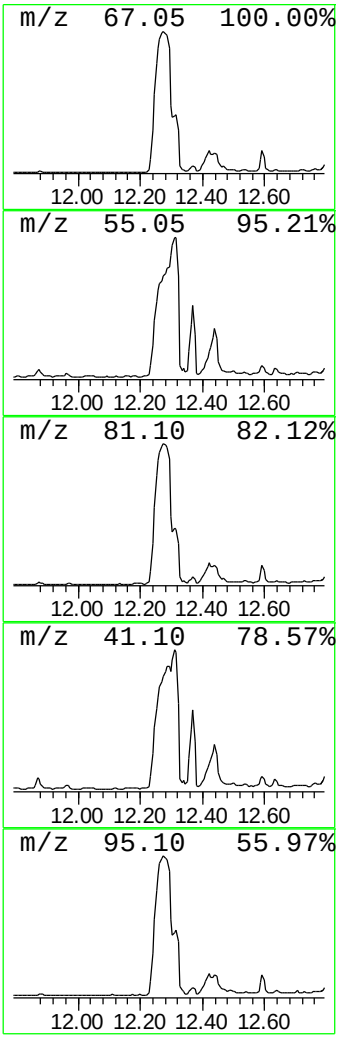
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	730.14 ng	18984500	Phenanthrene-d10	11.15

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	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97





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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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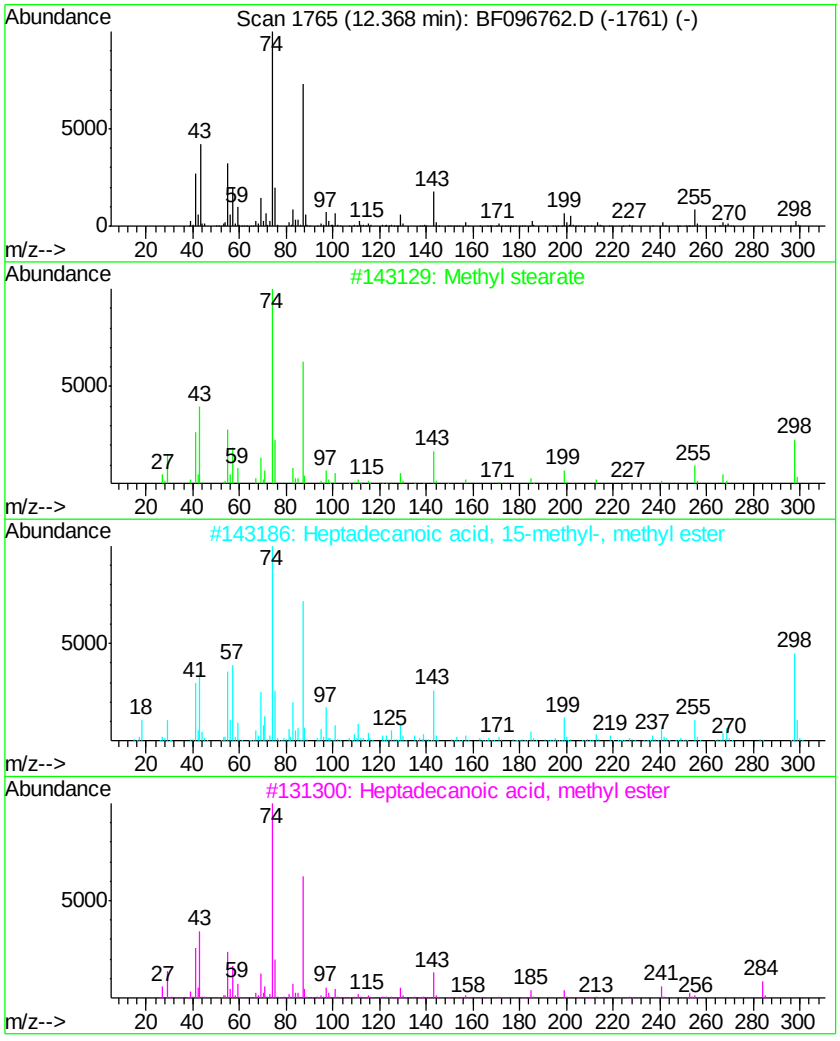
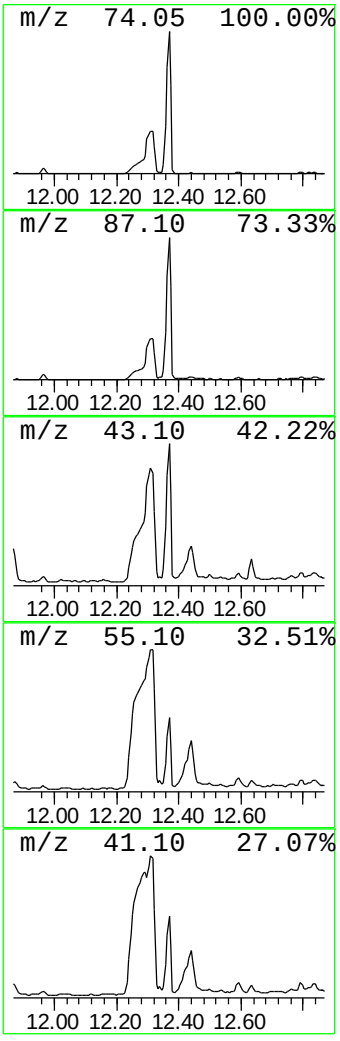
Peak Number 12 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	164.05 ng	4265470	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	94
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90





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Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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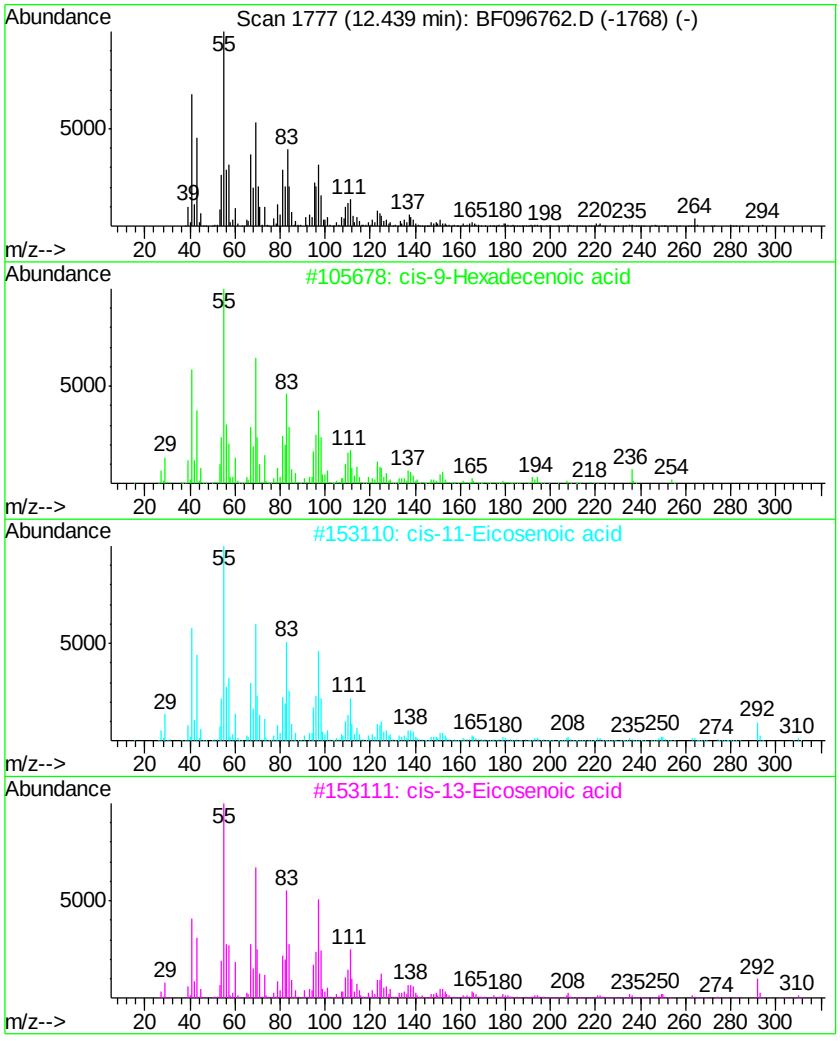
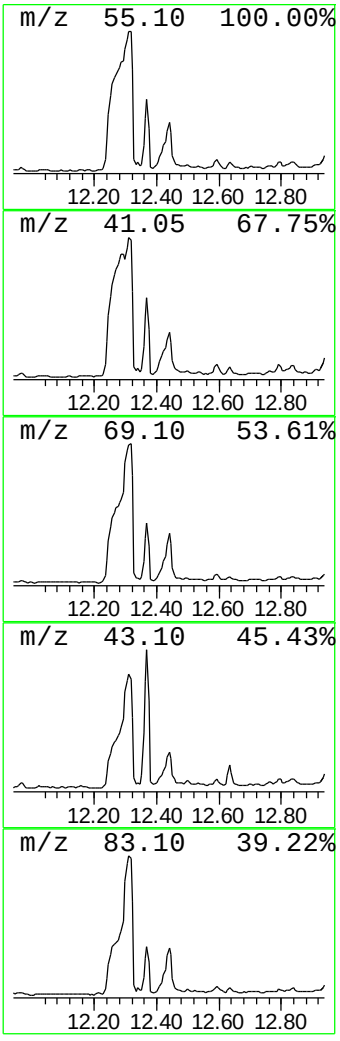
Peak Number 13 cis-9-Hexadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	142.03 ng	3692940	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	93
2	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	87
3	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	87
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
5	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	86





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Acq On : 14 Jul 2017 7:23
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Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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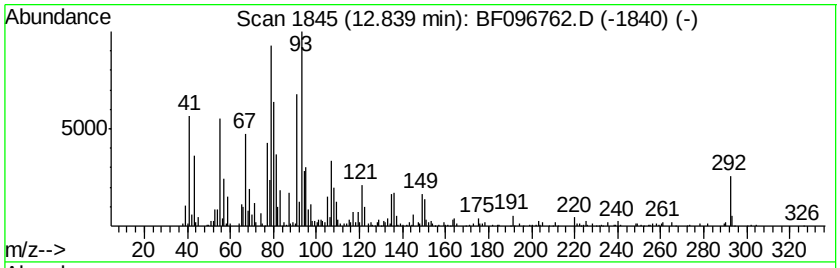
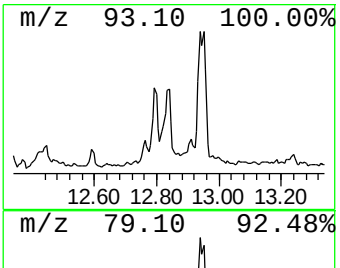
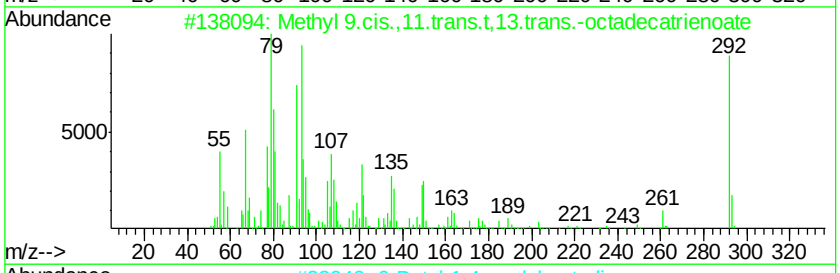
Peak Number 14 Methyl 9.cis.,11.trans.t,13... Concentration Rank 9

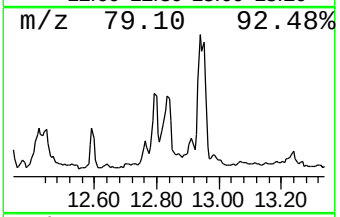
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	36.54 ng	893124	Chrysene-d12	13.79

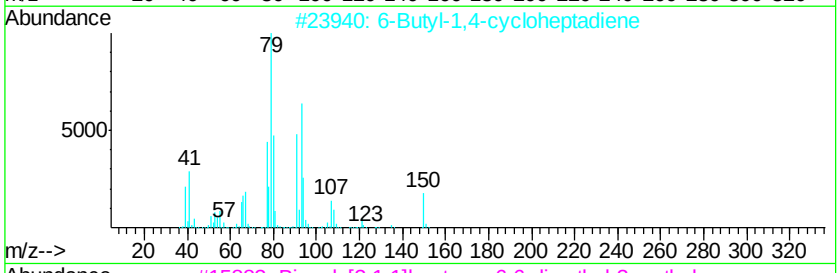
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	94
2	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	76
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	64
4	m-Mentha-4,8-diene, (1S,3S)-(+)-	136	C10H16	005208-51-5	64
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	58

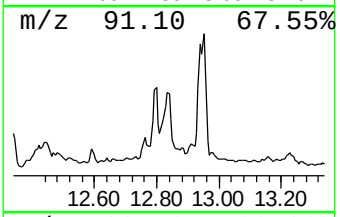


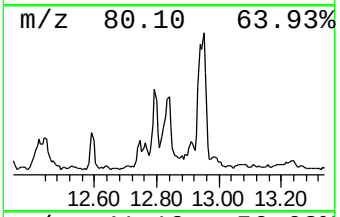


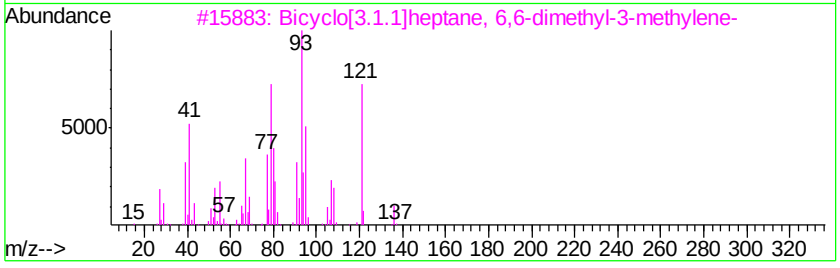


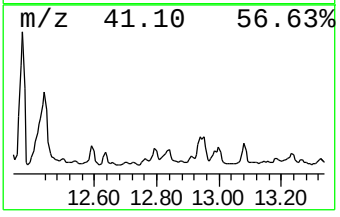












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Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

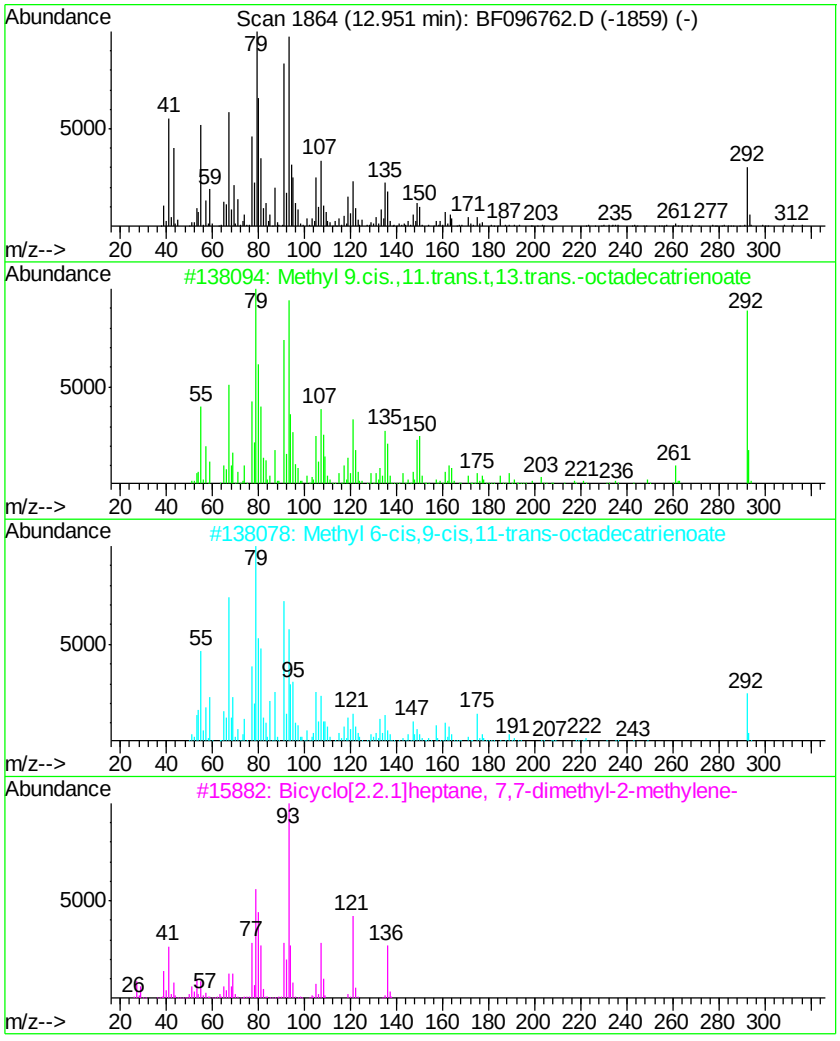
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

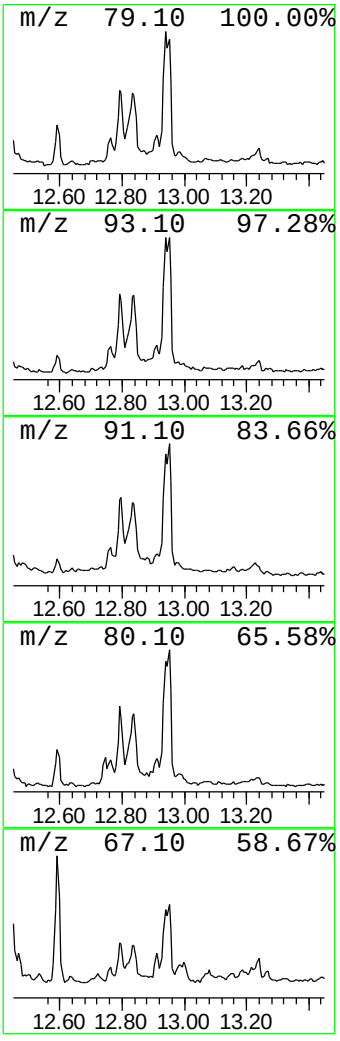
****

Peak Number 15 Methyl 6-cis,9-cis,11-trans... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	66.11 ng	1615810	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	94
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	89
3	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	76
4	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	64
5	m-Mentha-4,8-diene, (1S,3S)-(+)-	136	C10H16	005208-51-5	62





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

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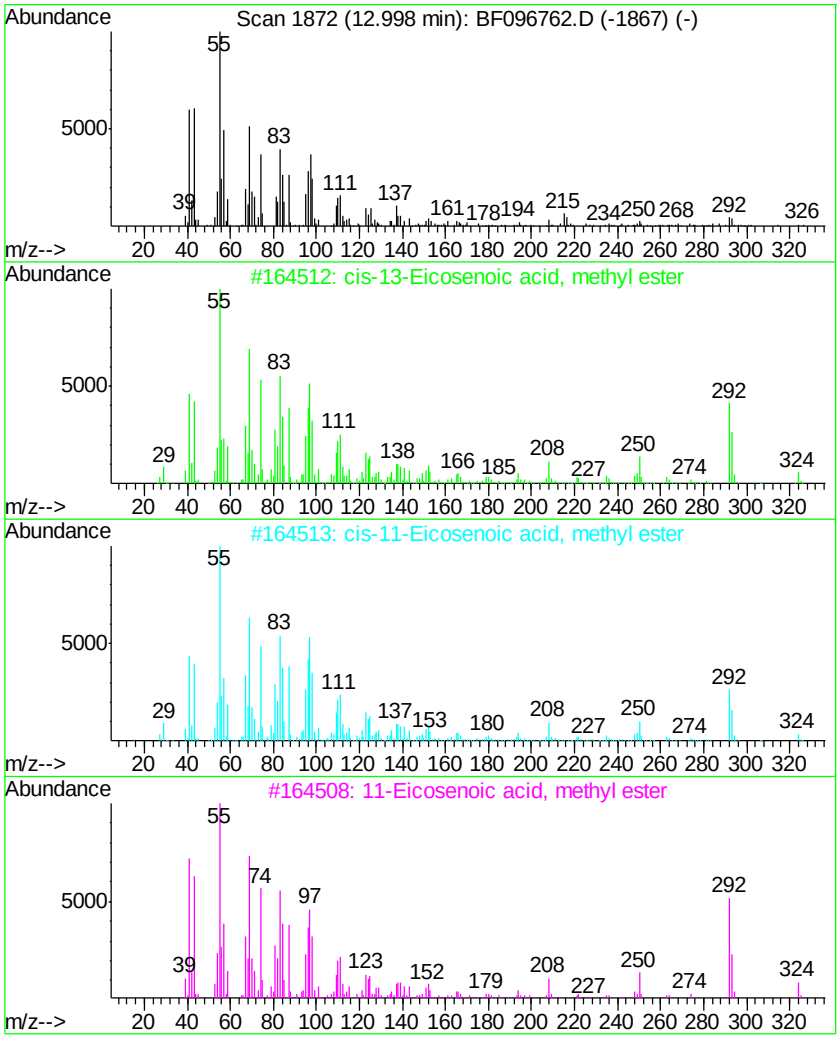
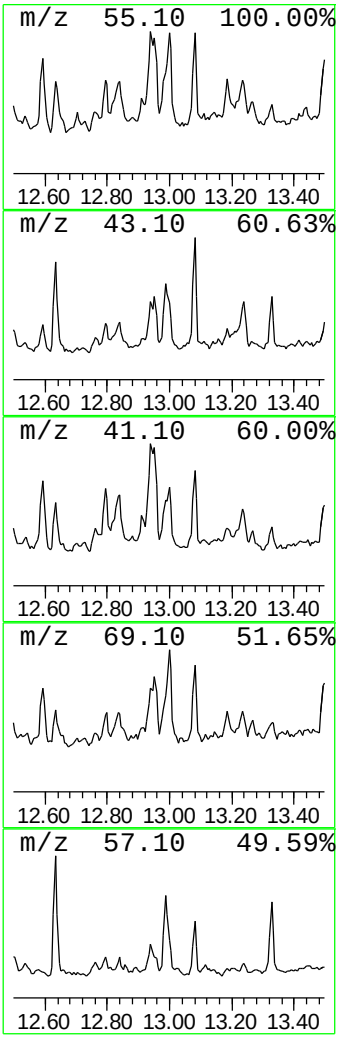
Peak Number 16 cis-13-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	27.61 ng	674820	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	98
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	91





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Operator : SJ/JU
Sample : I4149-01
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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

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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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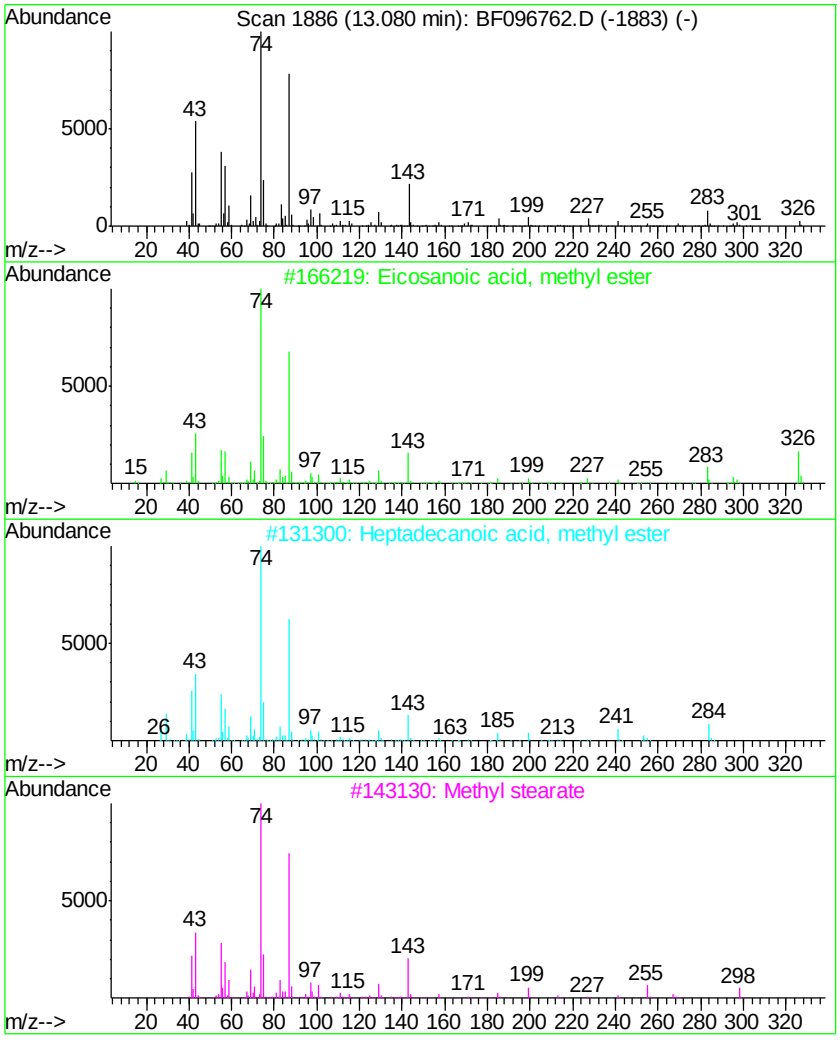
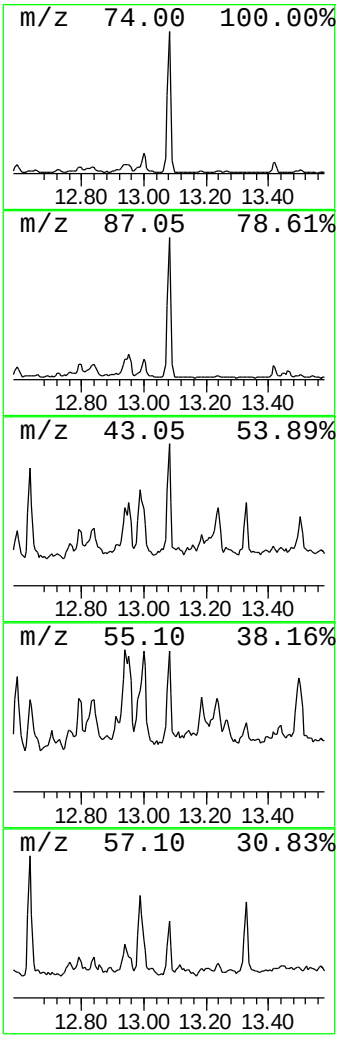
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	21.79 ng	532479	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
3	Methyl stearate	298	C19H38O2	000112-61-8	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





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Misc :
ALS Vial : 42 Sample Multiplier: 1

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

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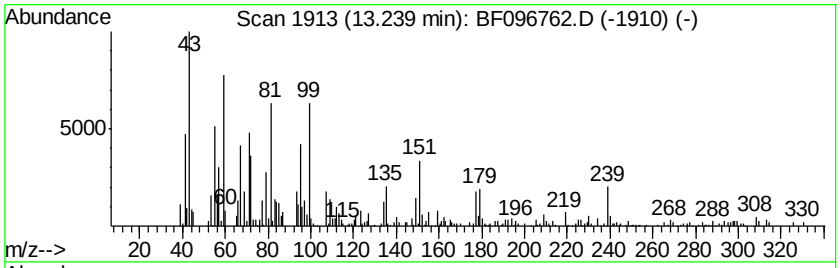
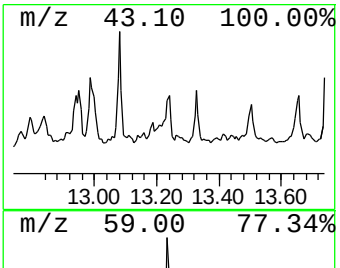
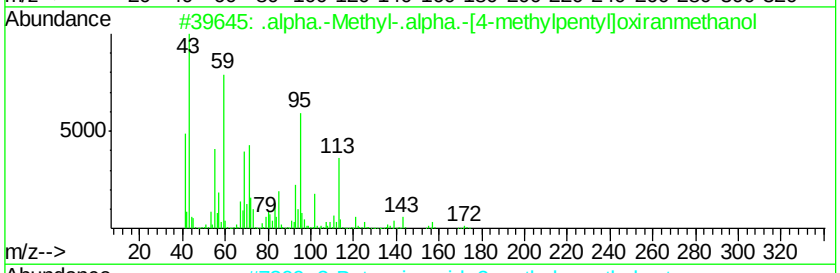
Peak Number 18 unknown13.24 Concentration Rank 19

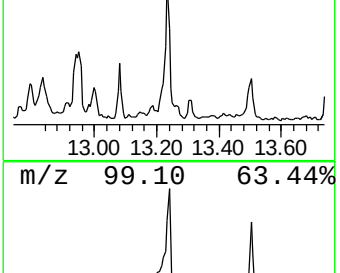
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	14.11 ng	344843	Chrysene-d12	13.79

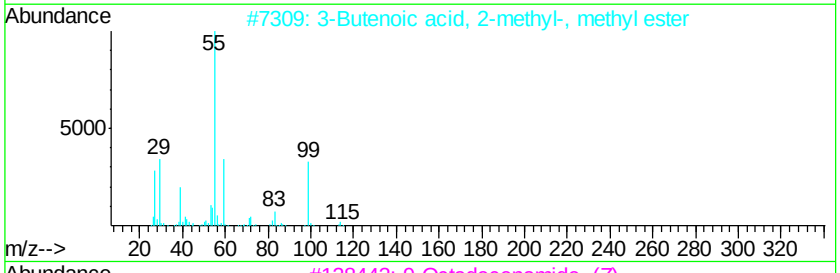
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methyl-.alpha.-[4-methyl...	172	C10H20O2	107358-56-5	32
2	3-Butenoic acid, 2-methyl-, meth...	114	C6H10O2	051747-33-2	25
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	18
4	Hexanoic acid, 2-pentenyl ester,...	184	C11H20O2	074298-89-8	18
5	7-Nonenamide	155	C9H17NO	090949-53-4	18

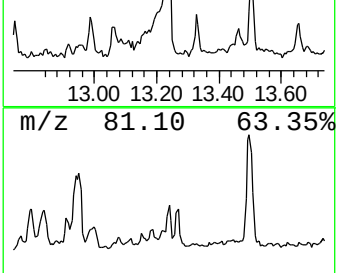


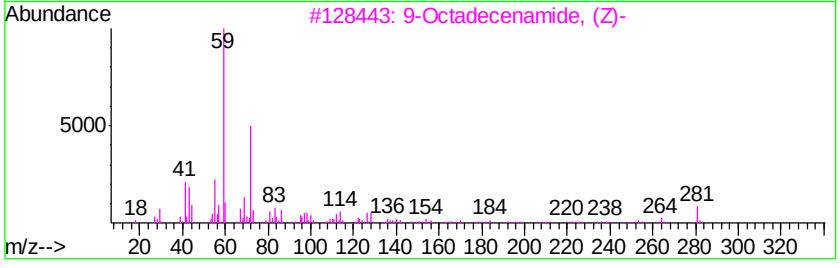


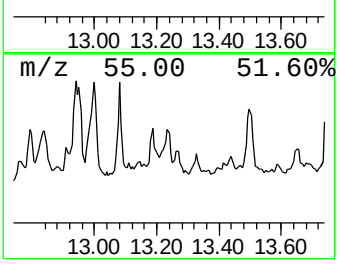












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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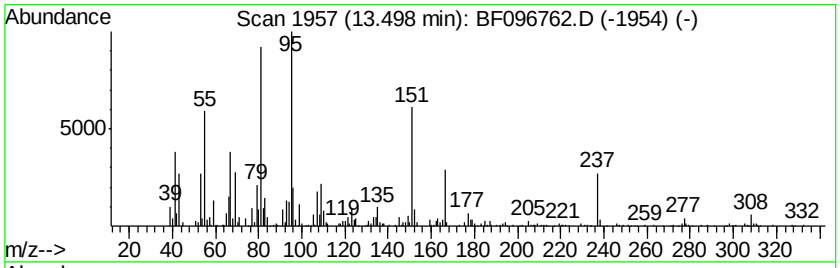
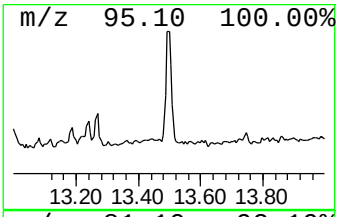
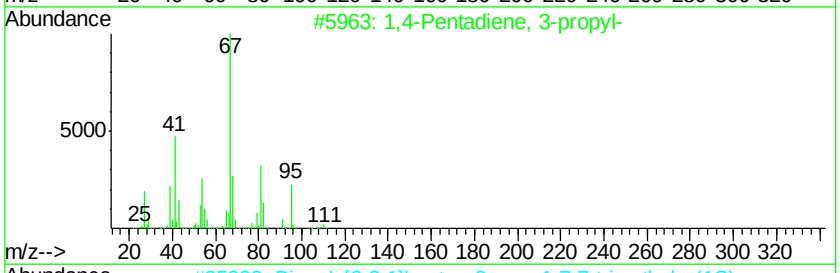
Peak Number 19 unknown13.50 Concentration Rank 12

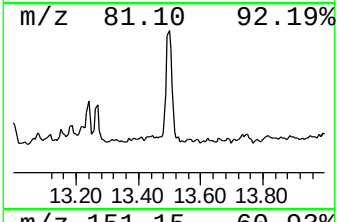
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	24.69 ng	603558	Chrysene-d12	13.79

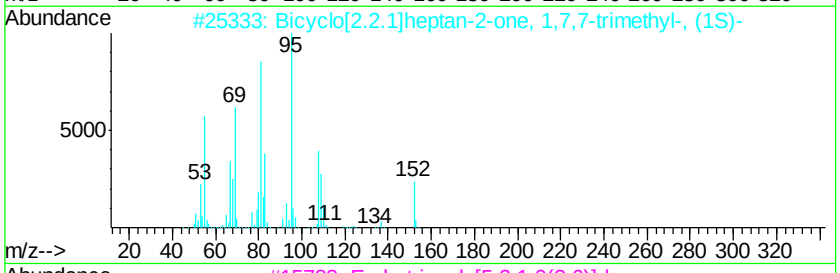
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 3-propyl-	110	C8H14	000996-83-8	43
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	42
3	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	38
4	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	30
5	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	27

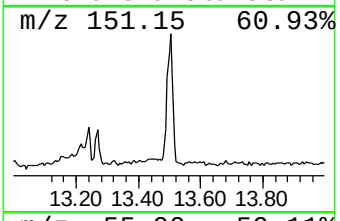


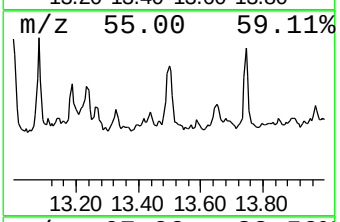


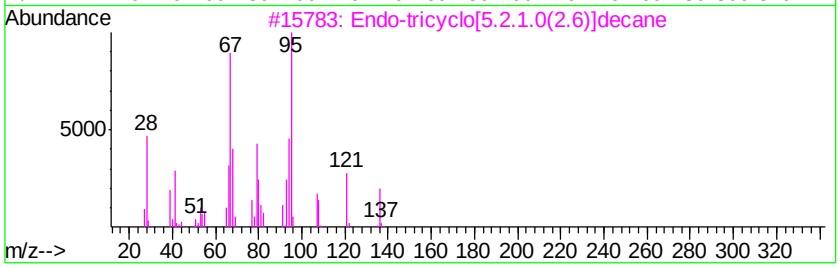


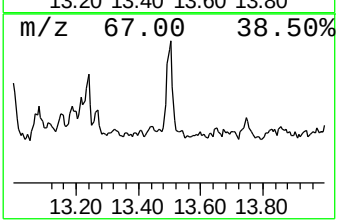












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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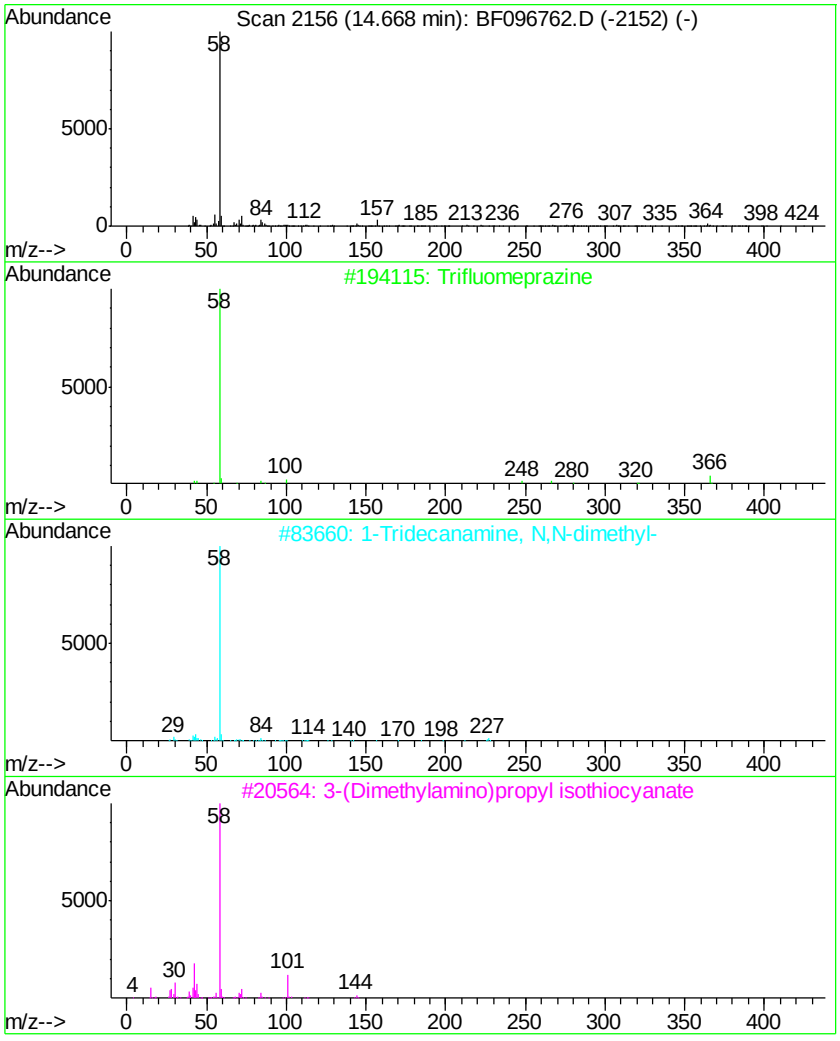
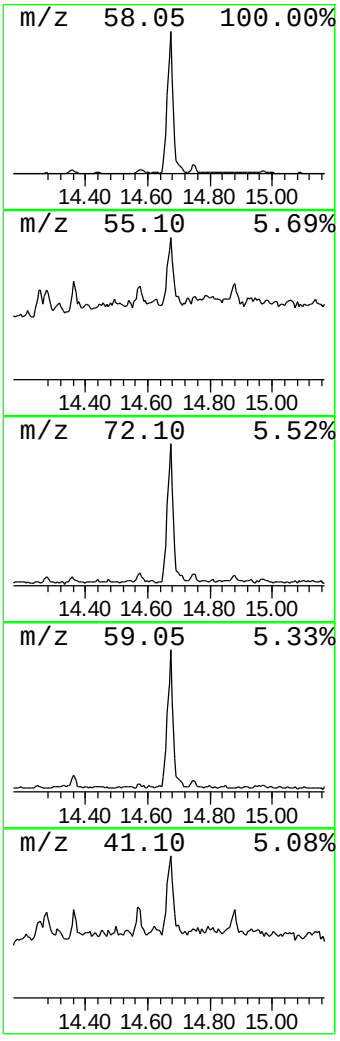
Peak Number 20 Trifluomeprazine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	20.00 ng	1375930	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
2	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	64
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
4	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	64
5	Benzedrex	155	C10H21N	000101-40-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
unknown6.41	6.41	55.6	ng	1855780	1	6.64	667689	20.0
Hexadecane	9.09	16.6	ng	640325	3	9.67	772172	20.0
Sulfurous acid, 2...	10.12	18.3	ng	707314	3	9.67	772172	20.0
Eicosane	10.59	41.2	ng	1070370	4	11.15	520020	20.0
Octadecane	11.04	28.2	ng	732133	4	11.15	520020	20.0
Tetradecane	11.07	11.2	ng	290497	4	11.15	520020	20.0
Hexadecanoic acid...	11.58	291.1	ng	7567850	4	11.15	520020	20.0
Heptadecane	11.87	20.5	ng	533037	4	11.15	520020	20.0
9,12-Octadecadien...	12.29	730.1	ng	18984500	4	11.15	520020	20.0
Methyl stearate	12.37	164.1	ng	4265470	4	11.15	520020	20.0
cis-9-Hexadecenoi...	12.44	142.0	ng	3692940	4	11.15	520020	20.0
Methyl 9.cis.,11....	12.84	36.5	ng	893124	5	13.79	488843	20.0
Methyl 6-cis,9-ci...	12.95	66.1	ng	1615810	5	13.79	488843	20.0
cis-13-Eicosenoic...	13.00	27.6	ng	674820	5	13.79	488843	20.0
Eicosanoic acid, ...	13.08	21.8	ng	532479	5	13.79	488843	20.0
unknown13.24	13.24	14.1	ng	344843	5	13.79	488843	20.0
unknown13.50	13.50	24.7	ng	603558	5	13.79	488843	20.0
Trifluomeprazine	14.67	20.0	ng	1375930	6	15.17	1375930	20.0