LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

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-BF081517.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	5.281	539	543	557	rBV	1305995	1266855	10.94%	2.250%
2	6.322	716	720	730	rBV	1268571	1335666	11.54%	2.372%
3	6.451	738	742	745	rBV	1426984	1276751	11.03%	2.268%
4	6.681	777	781	788	rVB	750245	642787	5.55%	1.142%
5	6.833	803	807	811	rBV	1155579	1007952	8.71%	1.790%
6	7.245	874	877	880	rVV	931433	807880	6.98%	1.435%
7	7.281	881	883	886	rVV	136072	127309	1.10%	0.226%
8	7.486	914	918	922	rVB3	159095	170582	1.47%	0.303%
9	7.722	956	958	962	rVB3	92129	133272	1.15%	0.237%
10	7.922	986	992	994	rBV5	94500	143250	1.24%	0.254%
11	7.963	994	999	1002	rBV2	958595	1094289	9.45%	1.943%
12	8.139	1022	1029	1031	rBV5	89980	160095	1.38%	0.284%
13	8.163	1031	1033	1036	rVB2	170484	150927	1.30%	0.268%
14	8.257	1044	1049	1052	rVV5	167239	245622	2.12%	0.436%
15	8.316	1056	1059	1062	rVB3	180101	165355	1.43%	0.294%
16	8.351	1062	1065	1067	rBV2	220747	208741	1.80%	0.371%
17	8.392	1067	1072	1074	rBV3	219338	240345	2.08%	0.427%
18	8.469	1081	1085	1088	rBV2	370237	337222	2.91%	0.599%
19	8.563	1097	1101	1104	rBV	776856	689314	5.95%	1.224%
20	8.622	1109	1111	1114	rVV	184583	175032	1.51%	0.311%
21	8.657	1114	1117	1119	rVB3	131856	134479	1.16%	0.239%
22	8.786	1136	1139	1141	rBV2	291799	239034	2.06%	0.425%
23	8.845	1146	1149	1151	rBV4	134776	134783	1.16%	0.239%
24	8.927	1161	1163	1165	rVB	221637	159484	1.38%	0.283%
25	8.992	1171	1174	1178	rVB3	254546	293471	2.53%	0.521%
26	9.039	1179	1182	1186	rVB	1434639	1172413	10.13%	2.082%
27	9.127	1191	1197	1201	rBV	1009490	980783	8.47%	1.742%
28	9.192	1205	1208	1210	rVB	162404	133256	1.15%	0.237%
29	9.310	1226	1228	1231	rVB2	271396	212663	1.84%	0.378%
30	9.351	1233	1235	1237	rVV2	118241	123845	1.07%	0.220%
31	9.380	1237	1240	1242	rVV2	210790	254952	2.20%	0.453%
32	9.398	1242	1243	1246	rVV2	195855	148831	1.29%	0.264%
33	9.445	1246	1251	1253	rVV4	430829	566869	4.90%	1.007%
34	9.469	1253	1255	1258	rVV2	274800	243173	2.10%	0.432%

LSC Area Percent Report

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Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.504	1258	1261	1263	rVB2	226205	205354	1.77%	0.365%
36	9.657	1284	1287	1290	rVB	1079887	865919	7.48%	1.538%
37	9.716	1294	1297	1300	rVB	792227	699651	6.04%	1.243%
38	9.886	1322	1326	1329	rBV3	168908	296351	2.56%	0.526%
39	9.974	1337	1341	1344	rVV3	272154	312101	2.70%	0.554%
40	10.045	1349	1353	1358	rBV7	77770	134629	1.16%	0.239%
41	10.151	1368	1371	1374	rBV	1022136	908107	7.84%	1.613%
42	10.374	1402	1409	1411	rBV	387213	512888	4.43%	0.911%
43	10.422	1415	1417	1420	rVB2	113557	115794	1.00%	0.206%
44	10.457	1420	1423	1426	rBV2	156465	166299	1.44%	0.295%
45	10.504	1426	1431	1434	rVB3	574855	594404	5.13%	1.056%
46	10.627	1449	1452	1460	rBV	1119848	1241125	10.72%	2.204%
47	10.816	1481	1484	1486	rBV	118255	140425	1.21%	0.249%
48	11.074	1524	1528	1530	rBV	974389	815795	7.05%	1.449%
49	11.104	1530	1533	1539	rVB	332363	359766	3.11%	0.639%
50	11.198	1546	1549	1552	rBV	644256	517829	4.47%	0.920%
51	11.498	1597	1600	1603	rBV	720189	585282	5.06%	1.039%
52	11.610	1613	1619	1622	rVB	4417693	5865428	50.66%	10.417%
53	11.763	1642	1645	1648	rVB2	134259	133729	1.16%	0.238%
54	11.904	1666	1669	1677	rVB	586539	575654	4.97%	1.022%
55	12.004	1683	1686	1689	rVB2	148839	131264	1.13%	0.233%
56	12.315	1730	1739	1740	rBV2	4605940	11577892	100.00%	20.563%
57	12.404	1749	1754	1757	rVB	3505274	3562723	30.77%	6.327%
58	12.498	1757	1770	1775	rBV2	1257839	2946044	25.45%	5.232%
59	12.633	1790	1793	1796	rBV2	188531	199674	1.72%	0.355%
60	12.668	1796	1799	1807	rVB2	334648	375905	3.25%	0.668%
61	12.792	1816	1820	1823	rVV	861820	760316	6.57%	1.350%
62	12.898	1836	1838	1841	rVB	191158	152213	1.31%	0.270%
63	12.951	1845	1847	1849	rBV2	164761	178384	1.54%	0.317%
64	13.021	1857	1859	1861	rBV	302429	309693	2.67%	0.550%
65	13.121	1873	1876	1878	rBV	483869	455595	3.94%	0.809%
66	13.145	1878	1880	1885	rVV4	268994	304388	2.63%	0.541%
67	13.192	1885	1888	1892	rVV2	318467	353973	3.06%	0.629%
68	13.362	1914	1917	1920	rBV3	209379	218609	1.89%	0.388%
69	13.551	1945	1949	1952	rVB2	372842	465461	4.02%	0.827%
70	13.692	1970	1973	1976	rBV	186850	171881	1.48%	0.305%
71	13.786	1986	1989	1992	rBV	605212	510382	4.41%	0.906%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.839	1995	1998	2001	rBV	588258	522286	4.51%	0.928%
73	14.404	2091	2094	2099	rBV3	272358	335370	2.90%	0.596%
74	14.727	2143	2149	2158	rBV	1427939	2090730	18.06%	3.713%
75	15.251	2235	2238	2241	rBV	378744	458935	3.96%	0.815%

Sum of corrected areas: 56305530

LSC Report - Integrated Chromatogram

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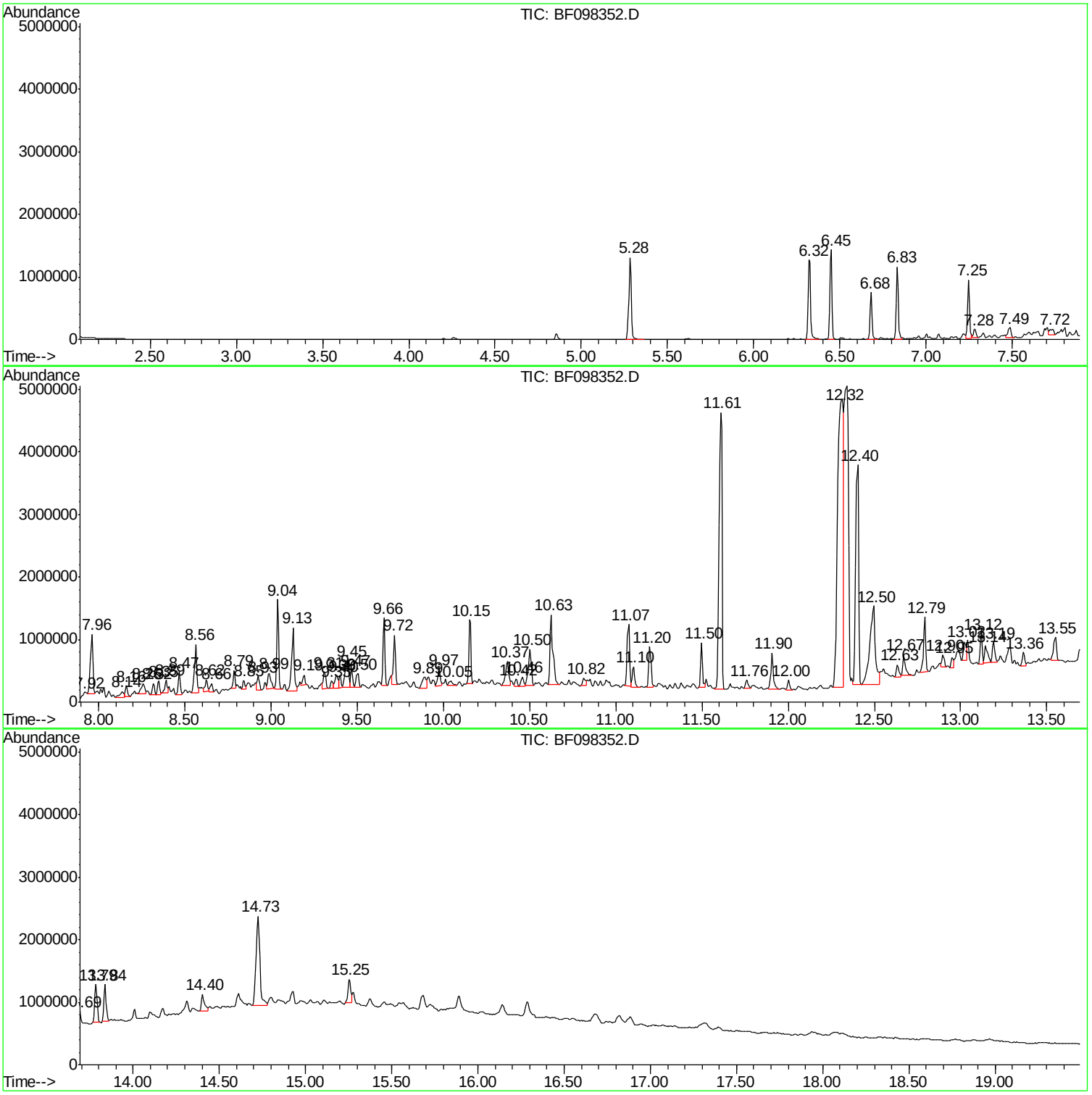
Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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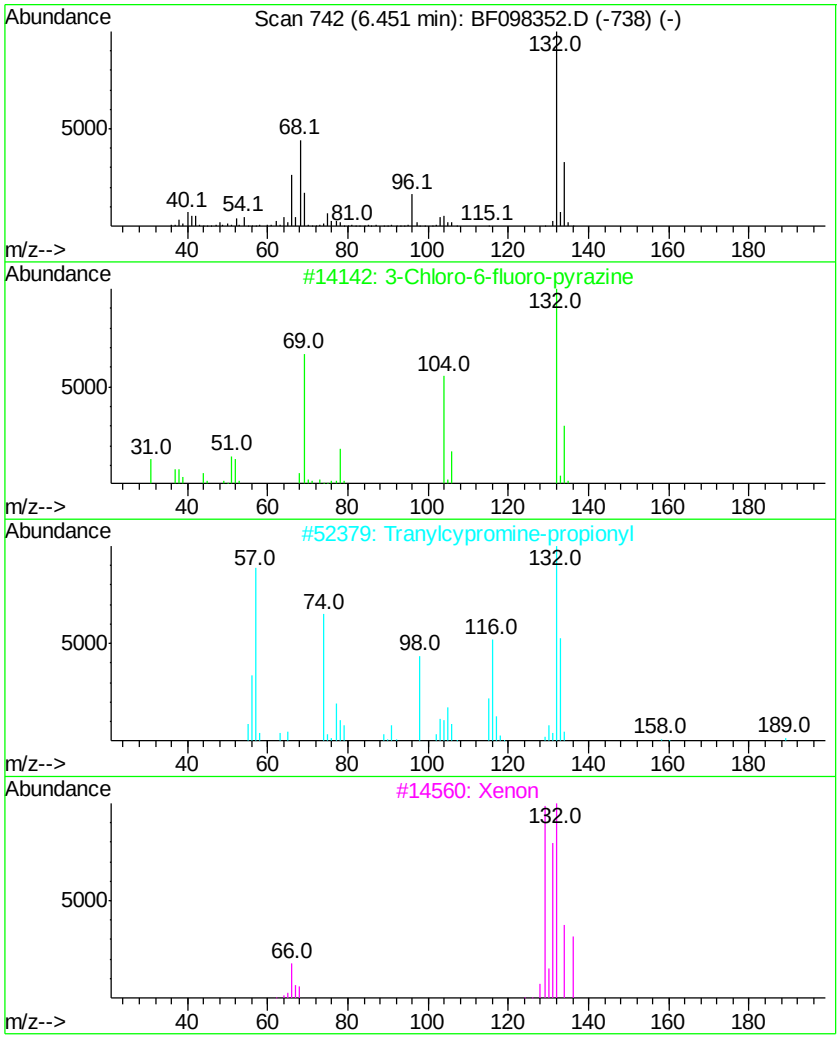
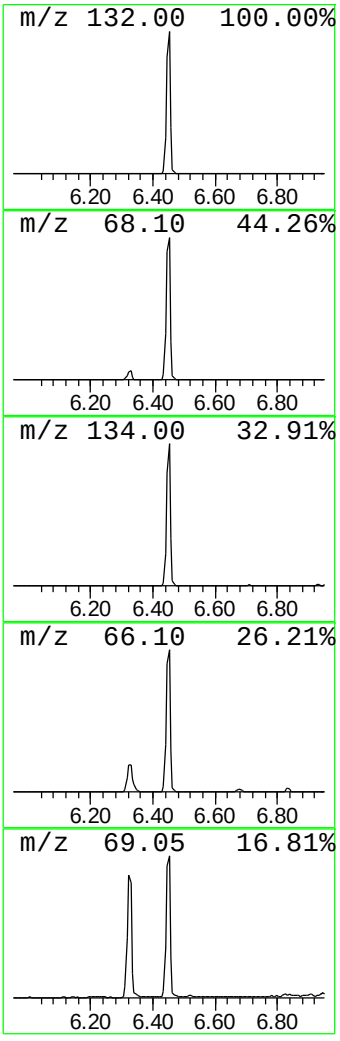
Peak Number 1 unknown6.45 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	39.73 ng	1276750	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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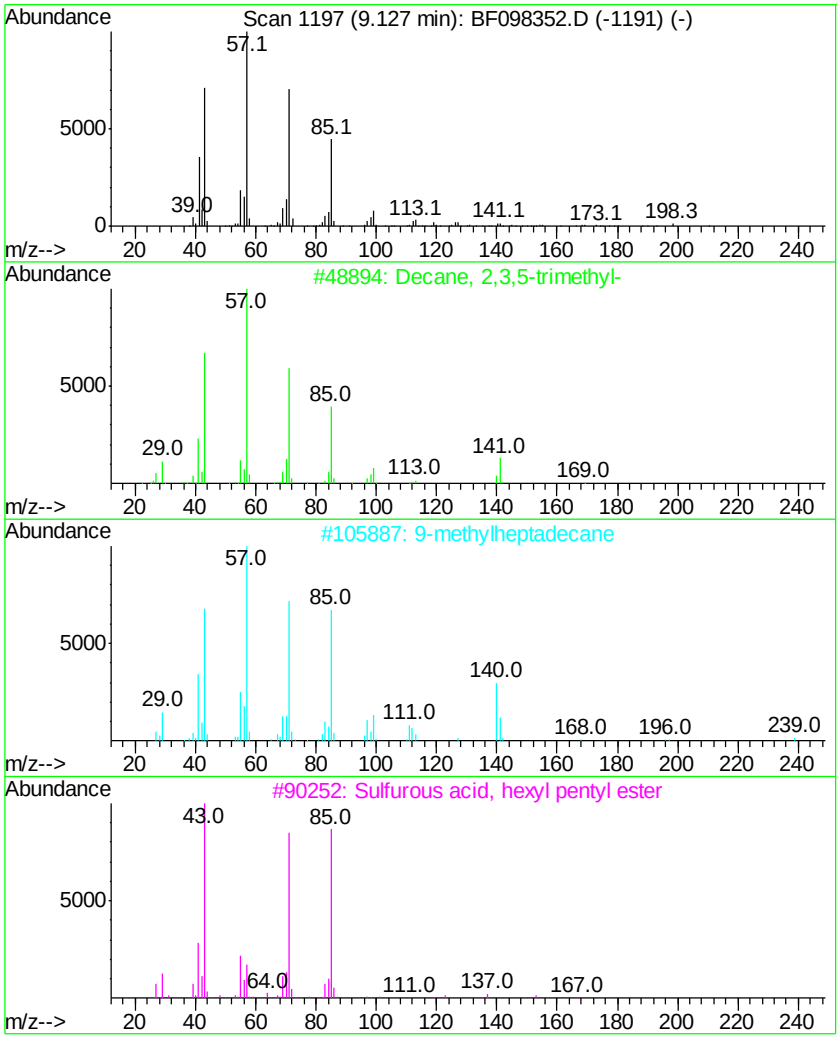
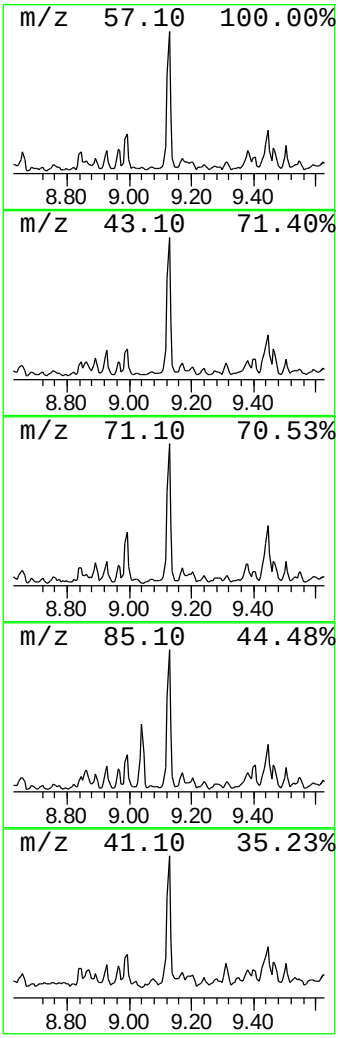
Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	28.04 ng	980783	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	9-methylheptadecane	254	C18H38	026741-18-4	83
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	72
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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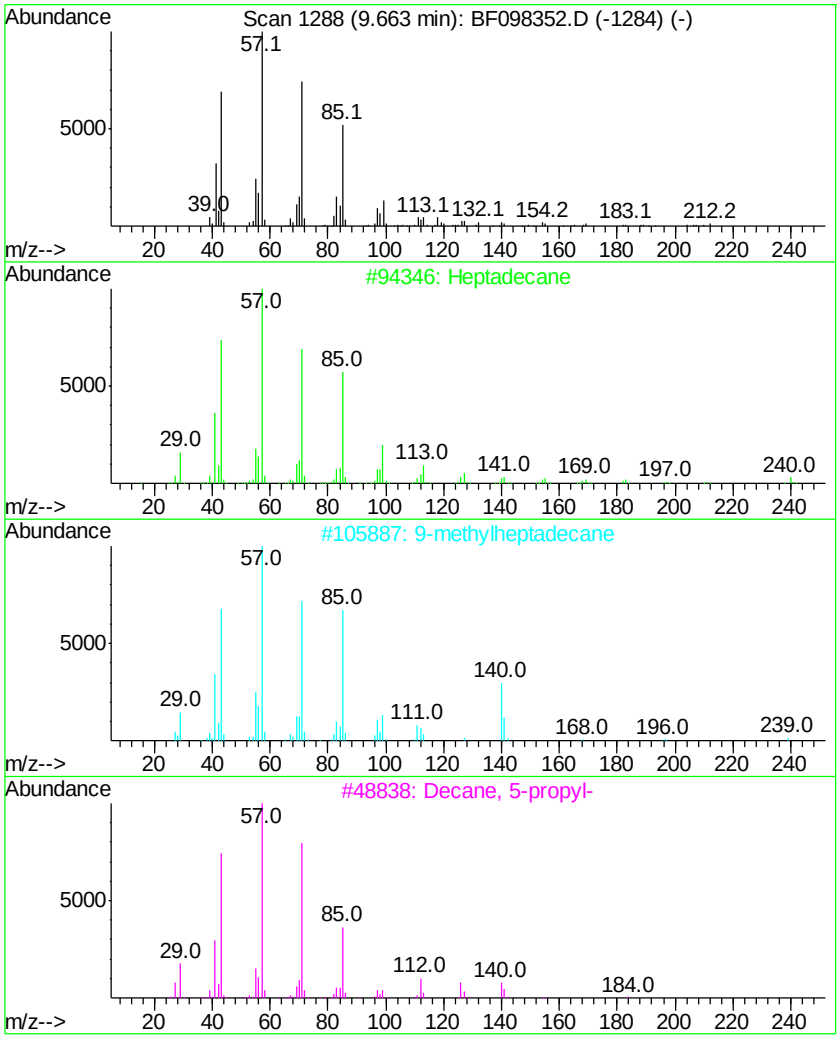
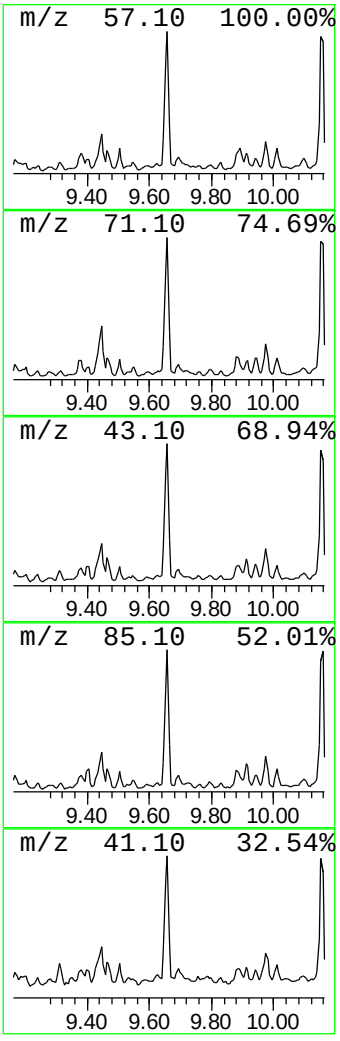
Peak Number 4 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	24.75 ng	865919	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Decane, 5-propyl-	184	C13H28	017312-62-8	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	60





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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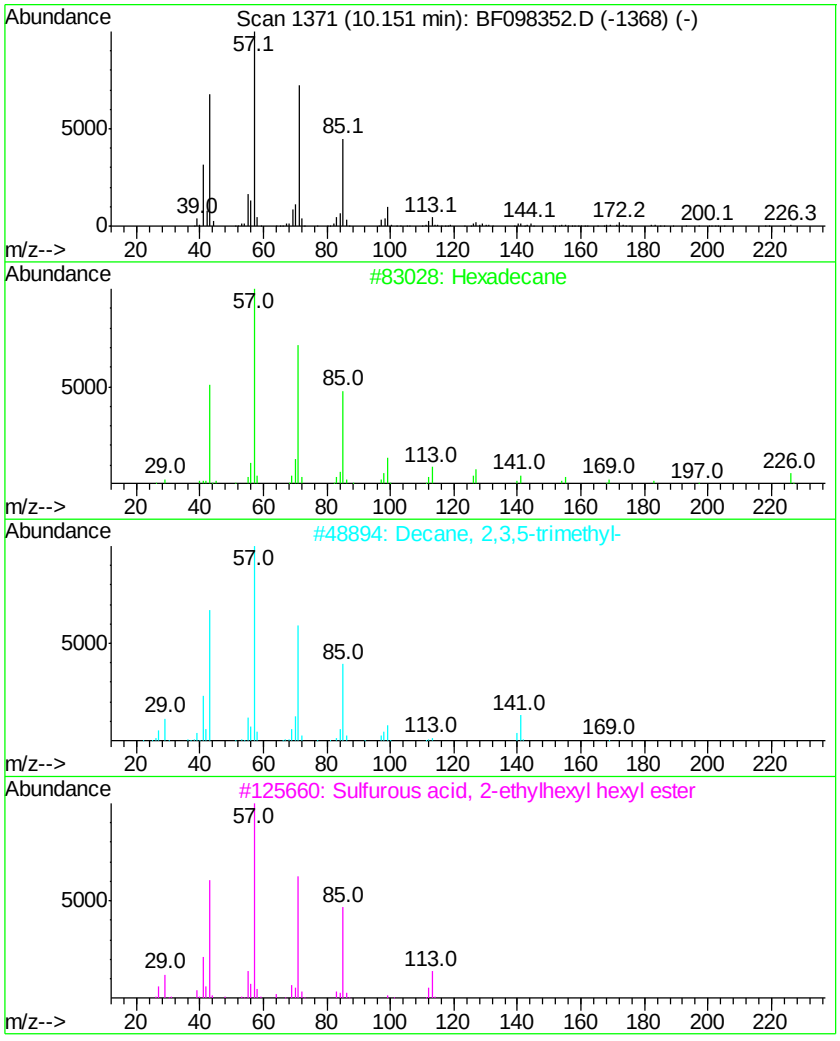
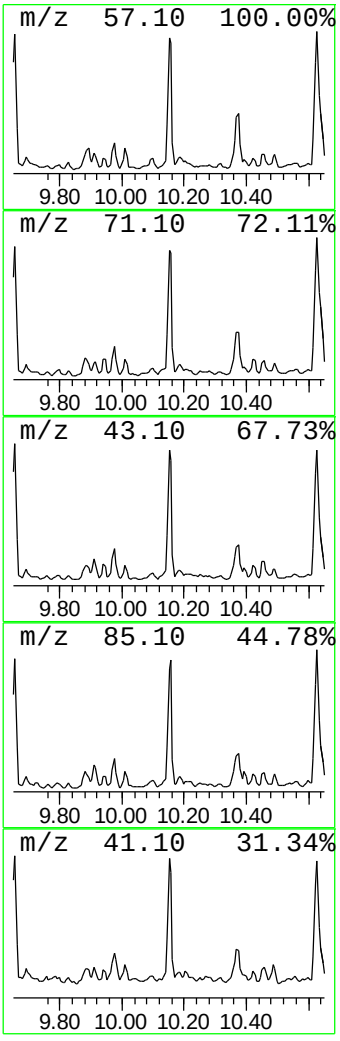
Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	25.96 ng	908107	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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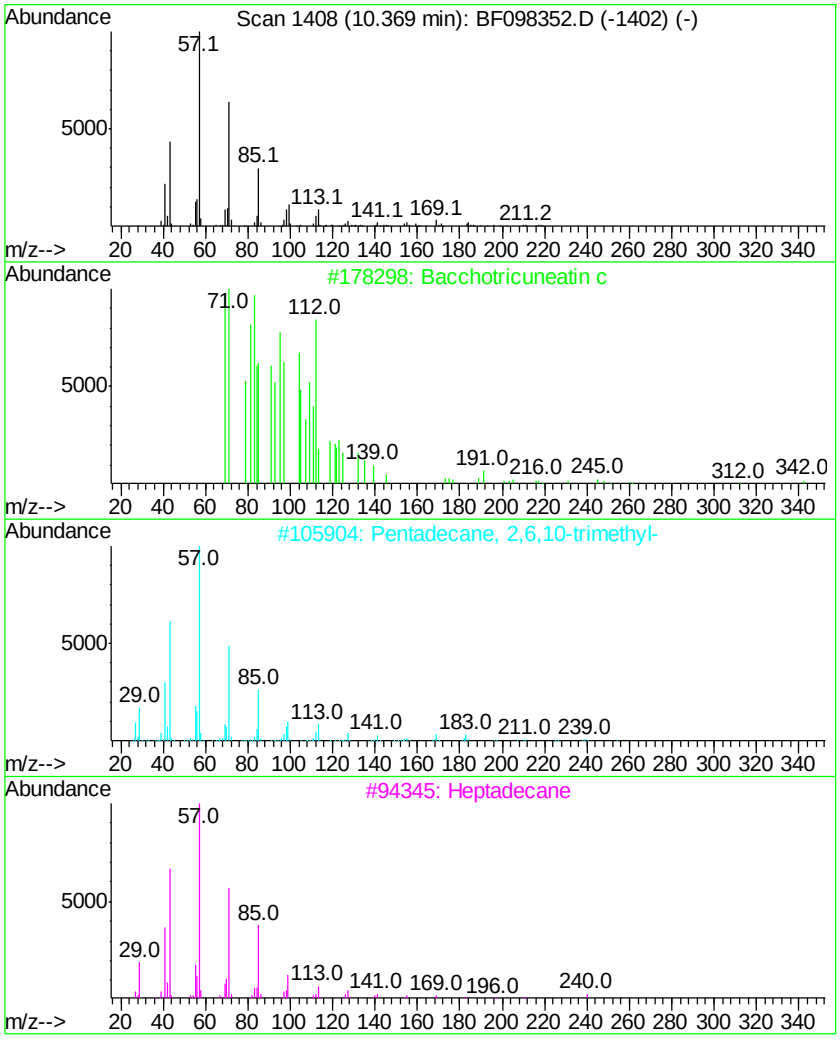
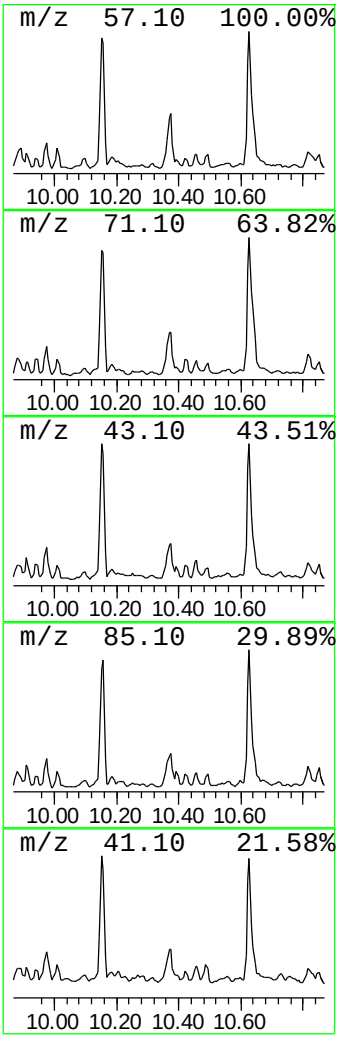
Peak Number 6 Bacchotricuneatin c Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	14.66 ng	512888	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Heptadecane	240	C17H36	000629-78-7	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80





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Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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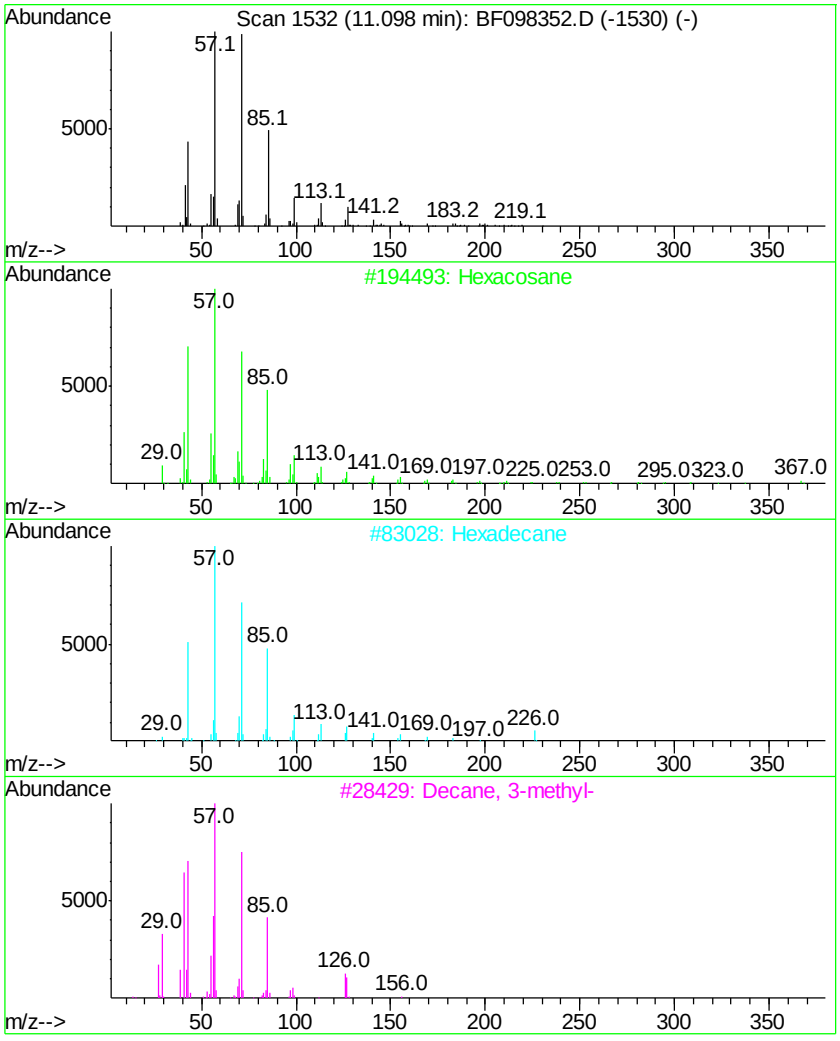
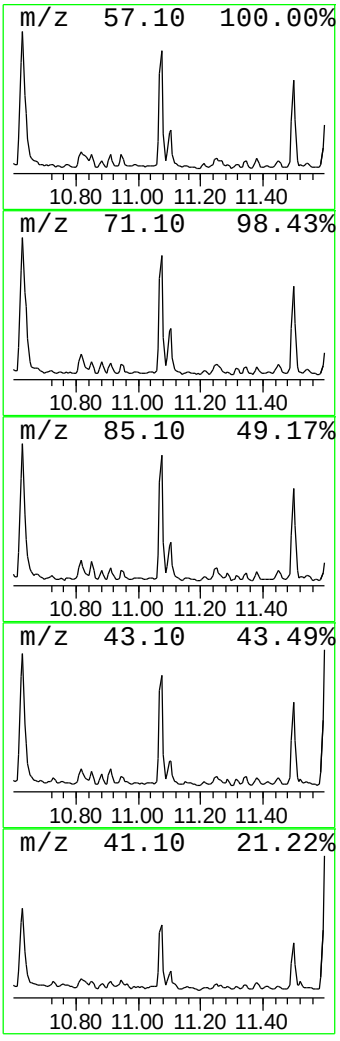
Peak Number 9 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	13.90 ng	359766	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Decane, 3-methyl-	156	C11H24	013151-34-3	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





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Data File : BF098352.D
Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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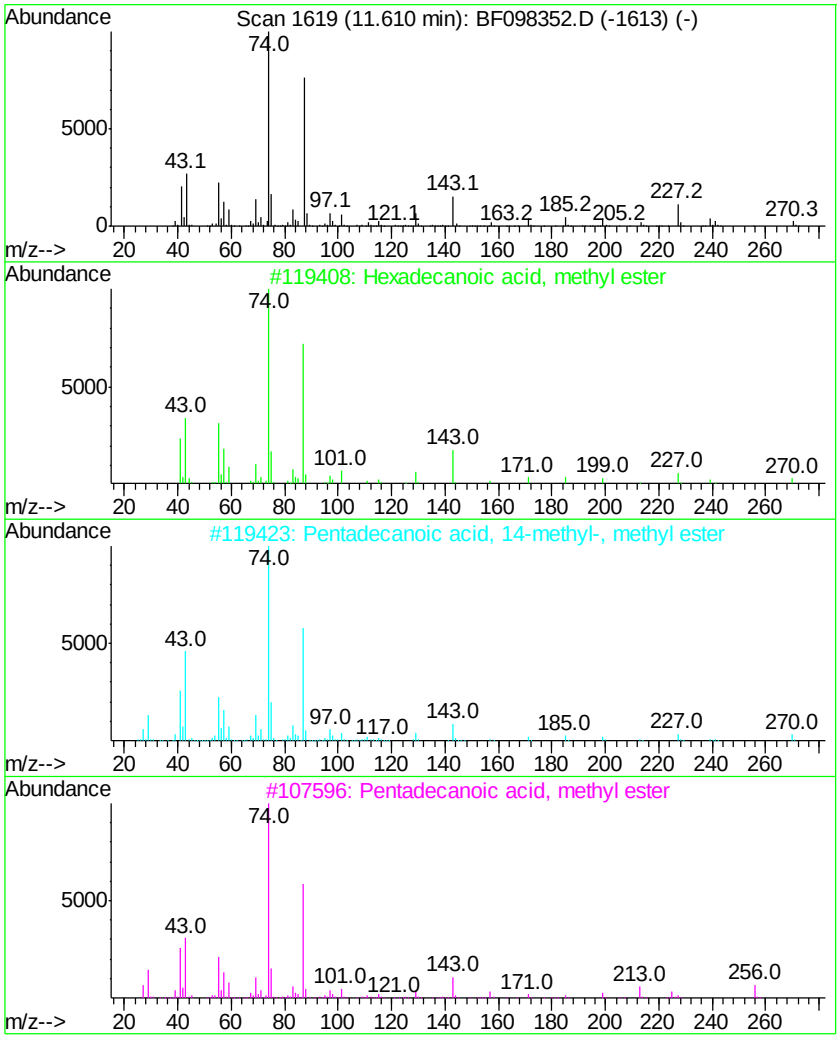
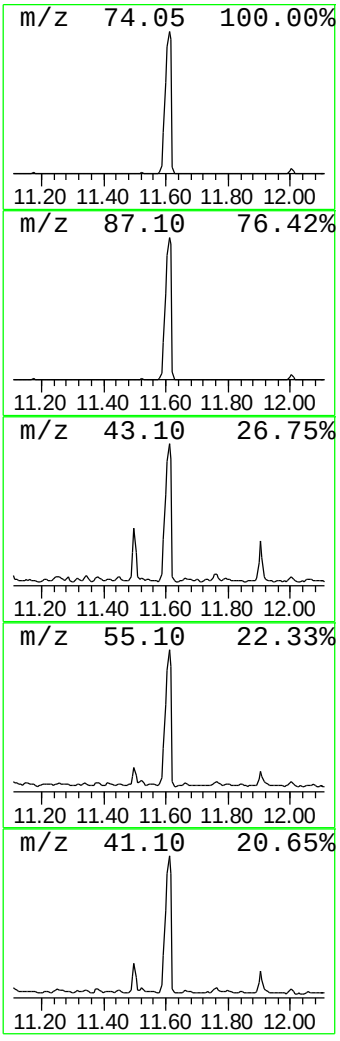
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	226.54 ng	5865430	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





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Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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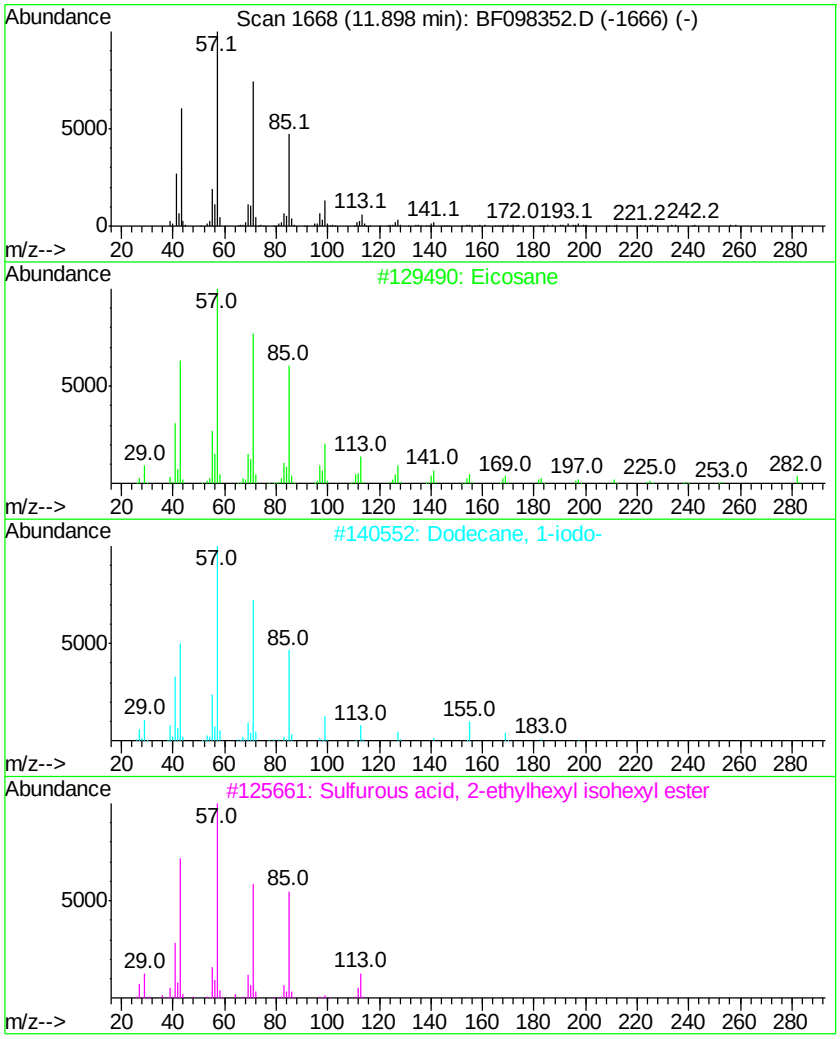
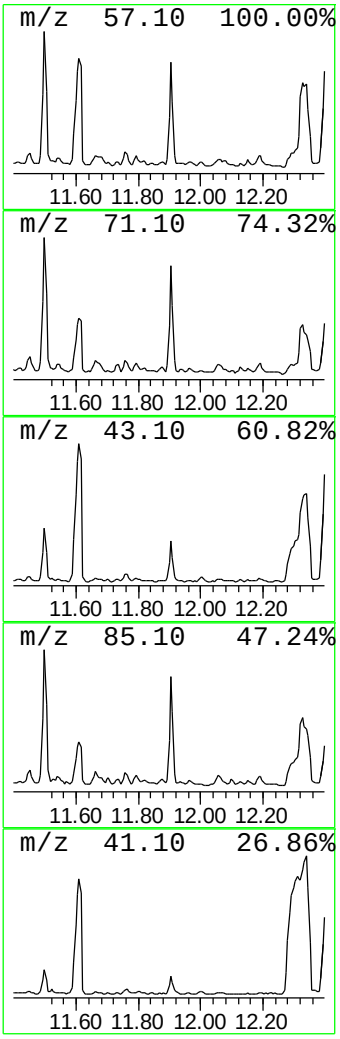
Peak Number 12 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	22.23 ng	575654	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64





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Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : OK-02-090517

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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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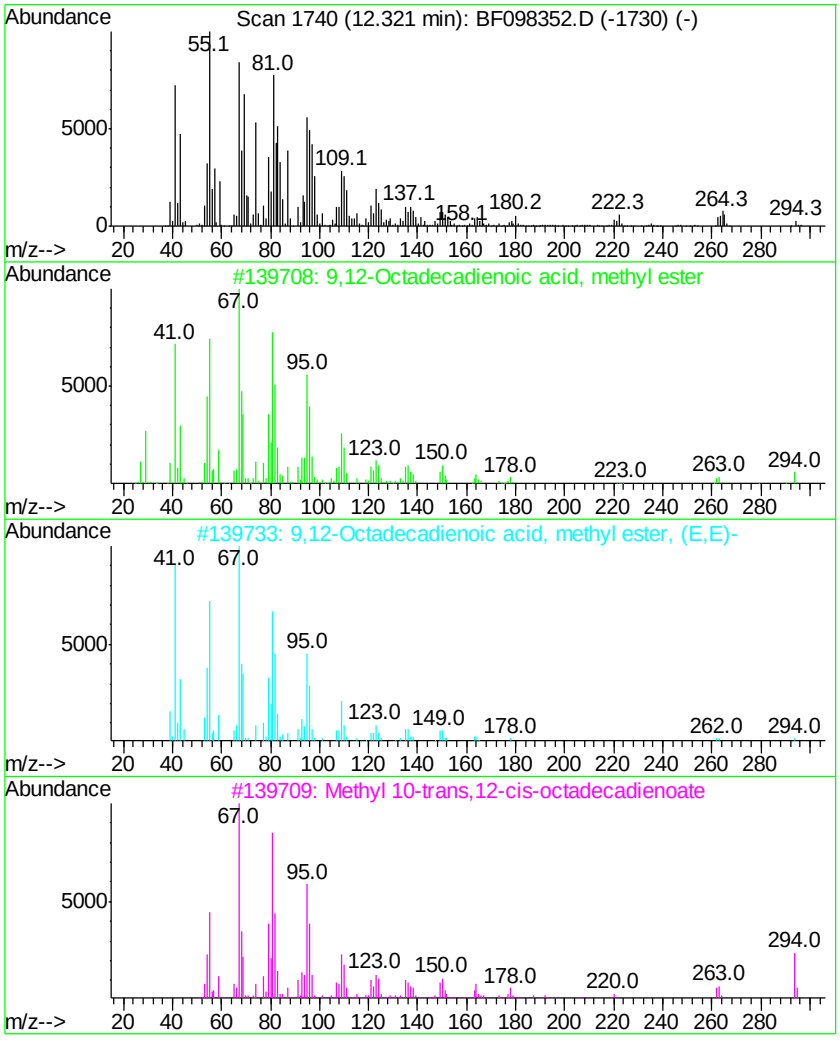
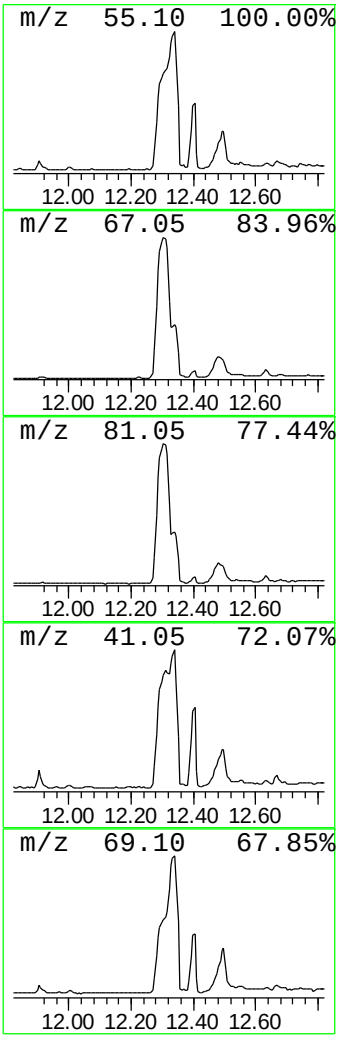
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	447.17 ng	11577900	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95





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Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

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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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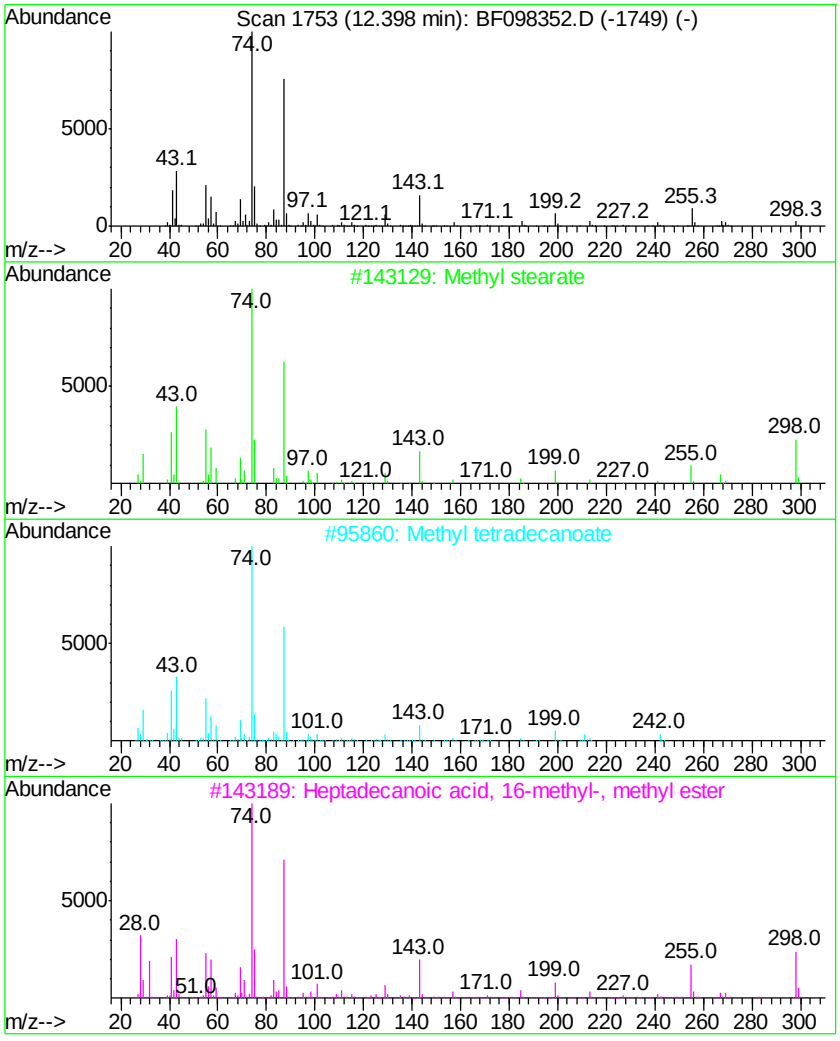
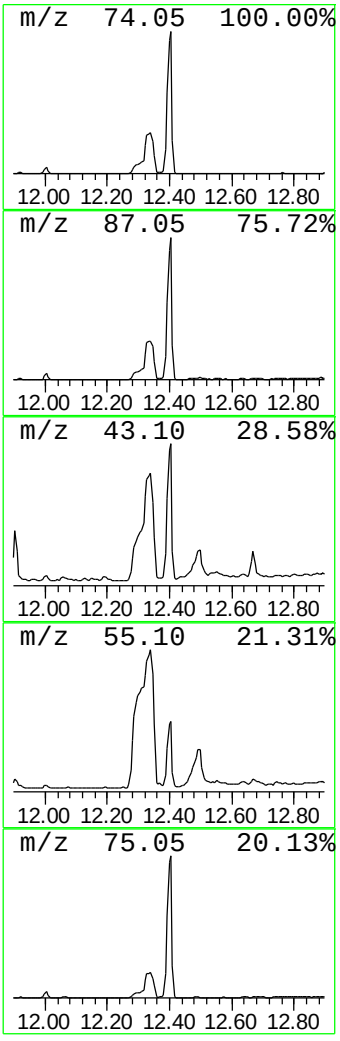
Peak Number 14 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	137.60 ng	3562720	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





Library Search Compound Report

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Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

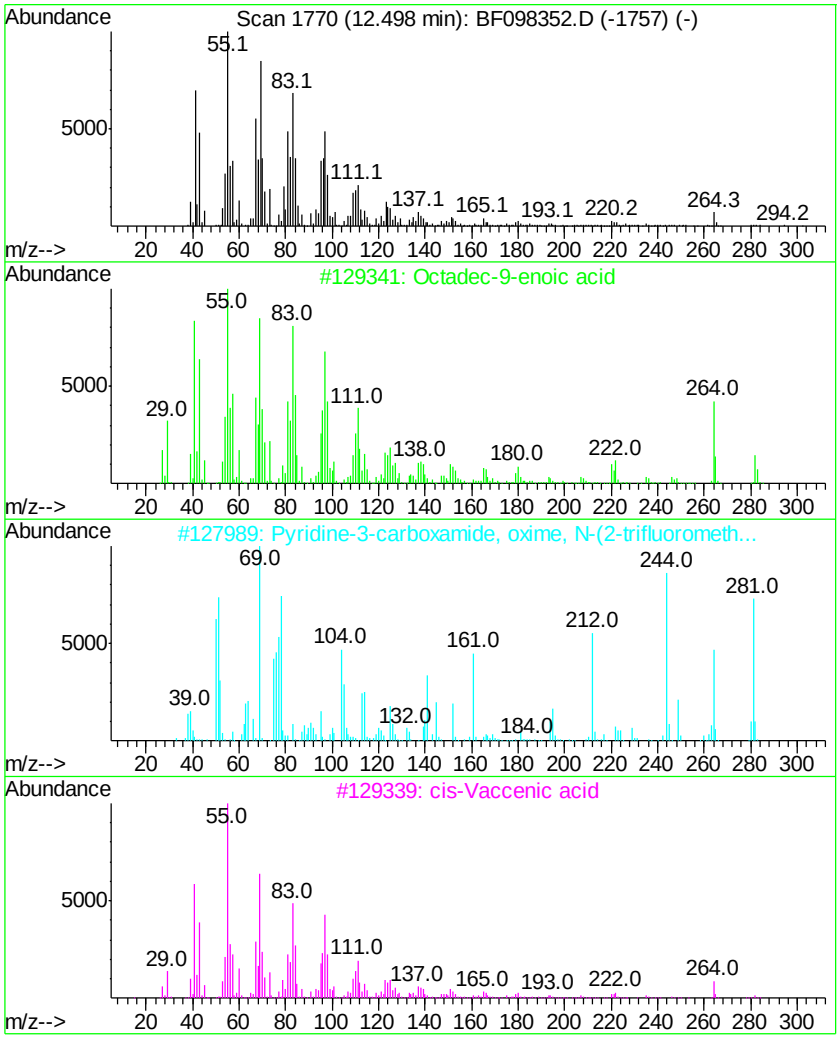
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

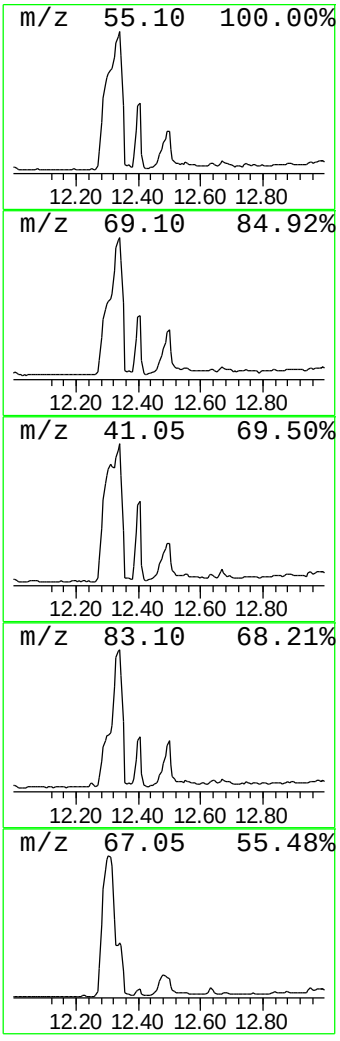
****

Peak Number 15 Octadec-9-enoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	113.78 ng	2946040	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	97
2	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	91
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	87





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Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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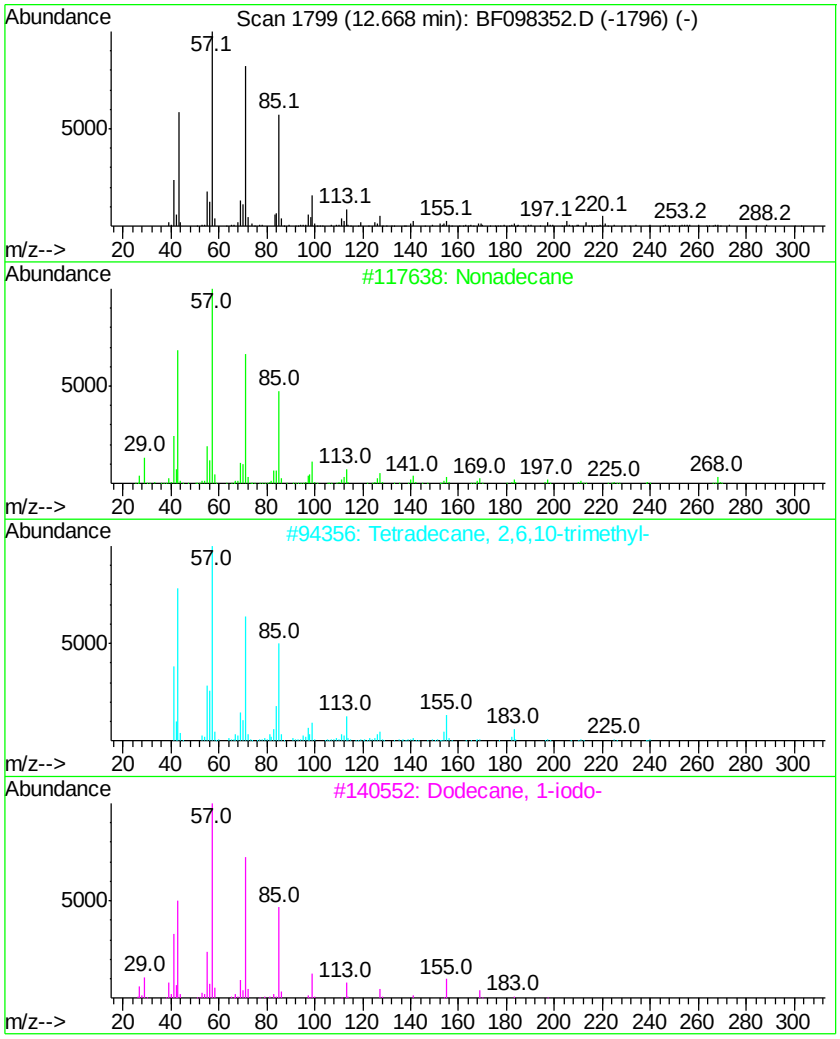
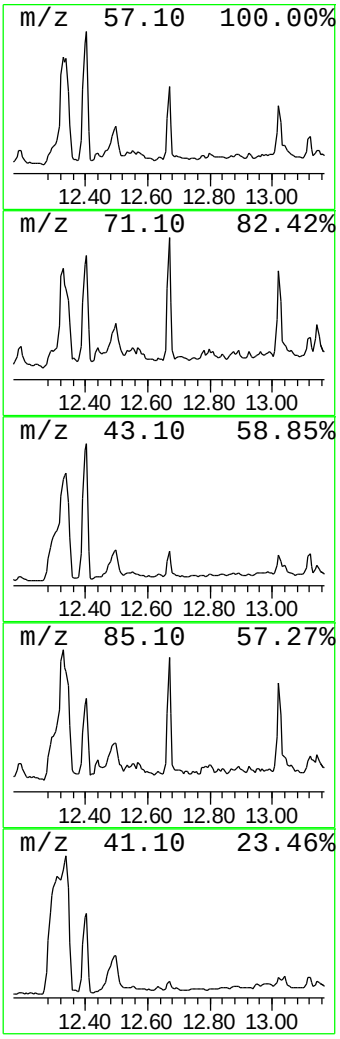
Peak Number 16 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	14.39 ng	375905	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81





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Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

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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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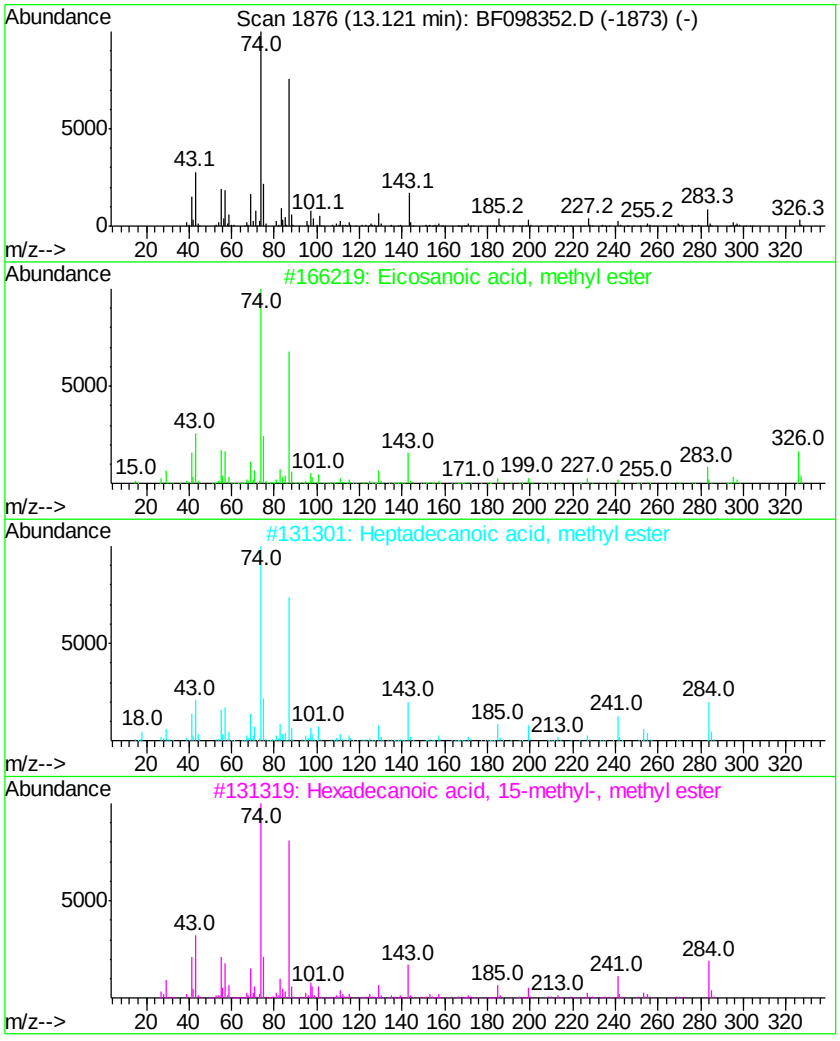
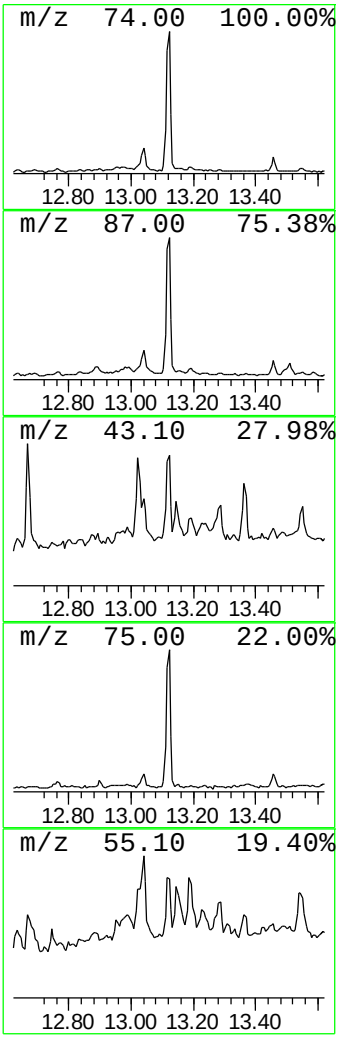
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	17.45 ng	455595	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	97
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90





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Instrument : BNA_F
ClientSampleId : OK-02-090517

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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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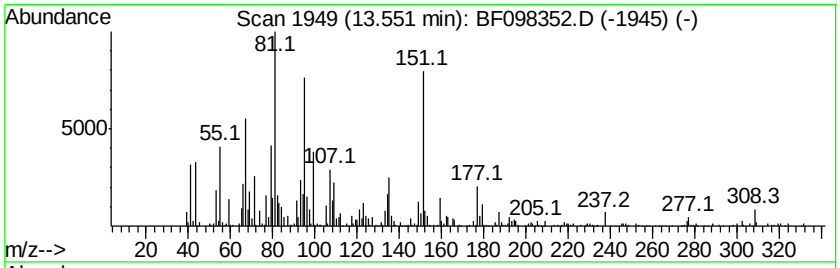
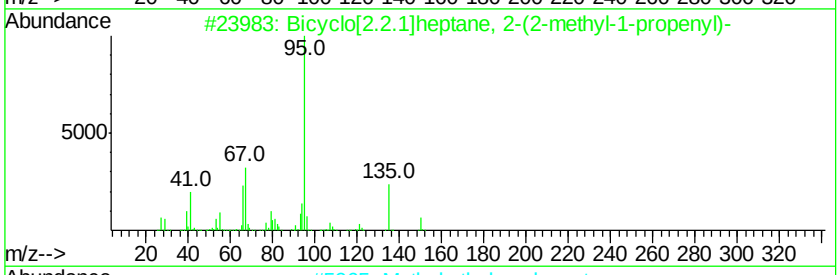
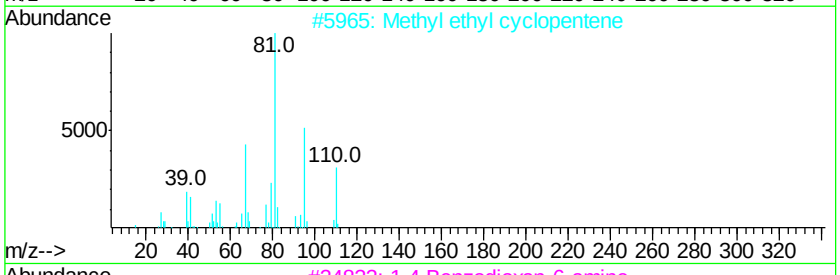
Peak Number 18 unknown13.55 Concentration Rank 16

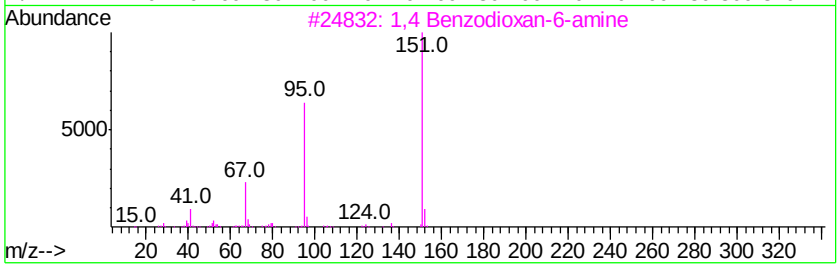
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.82 ng	465461	Chrysene-d12	13.84

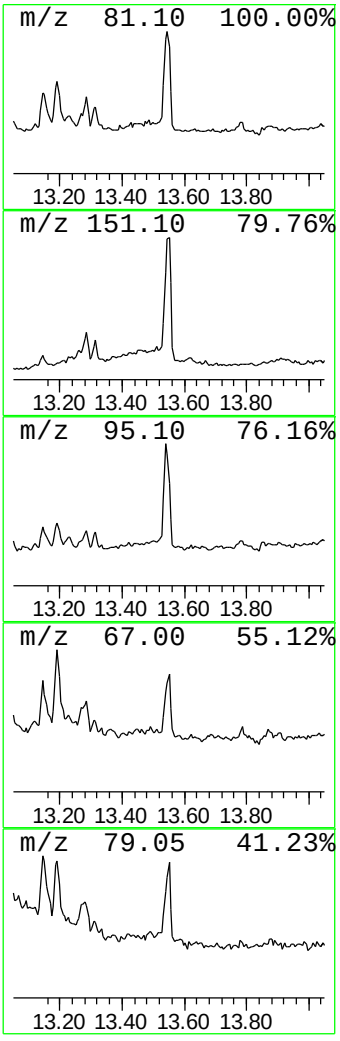
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	27
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	22
3	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	14
4	4-Hydroxybenzoxazolone	151	C7H5NO3	028955-70-6	14
5	9-Methylene-tricyclo[4.2.1.1(2,5...	148	C11H16	075156-66-0	11











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Acq On : 8 Sep 2017 16:01
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Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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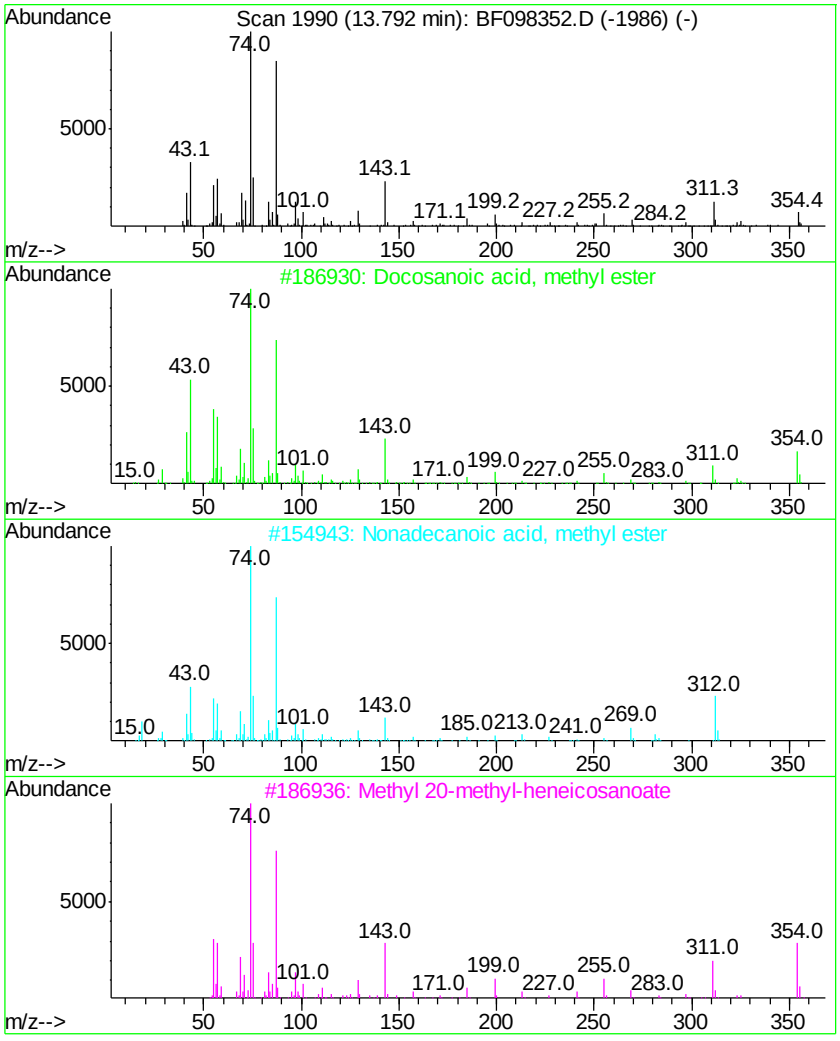
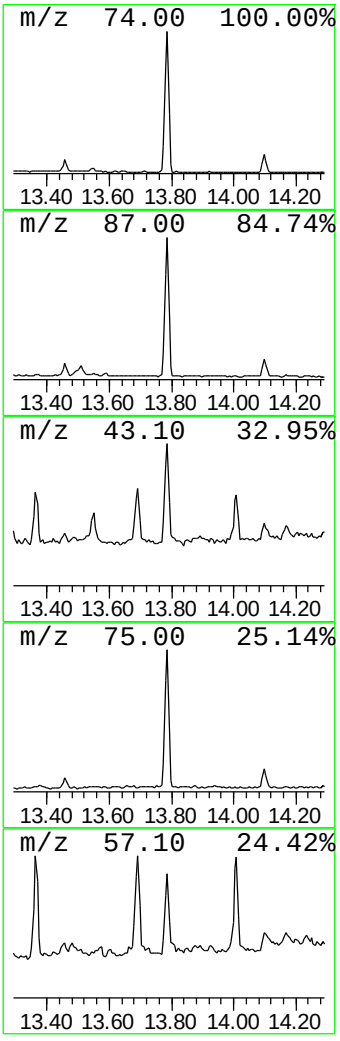
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	19.54 ng	510382	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	89
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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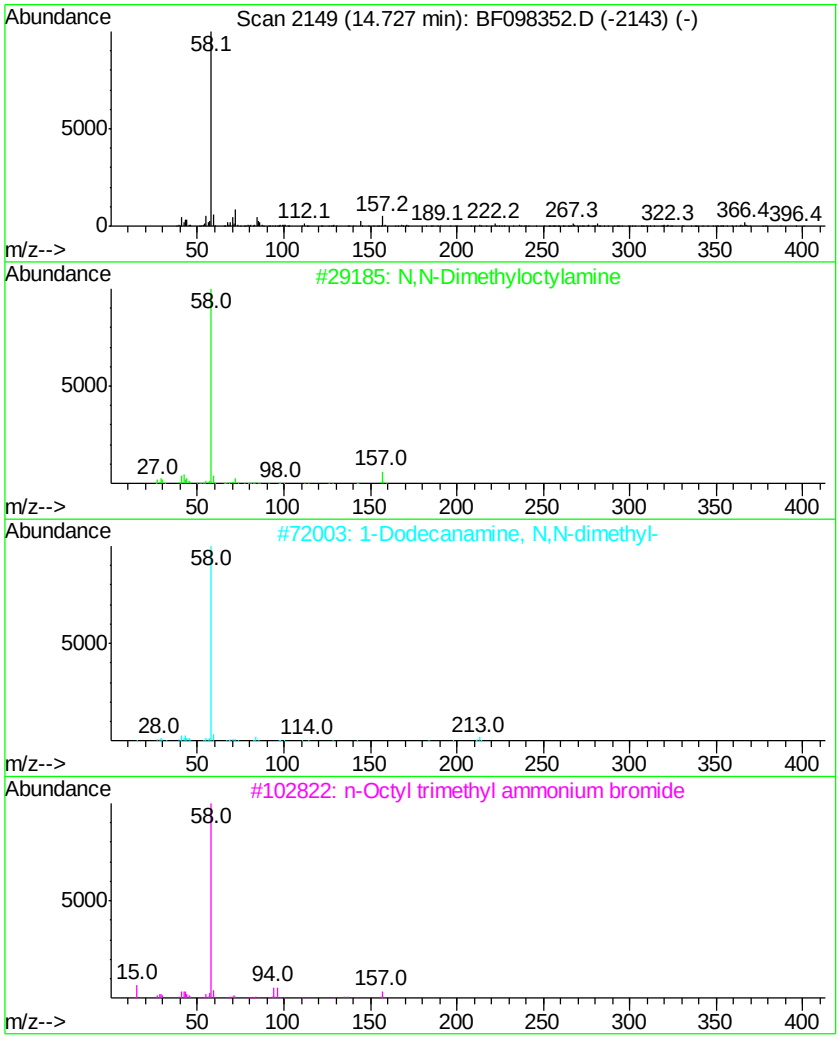
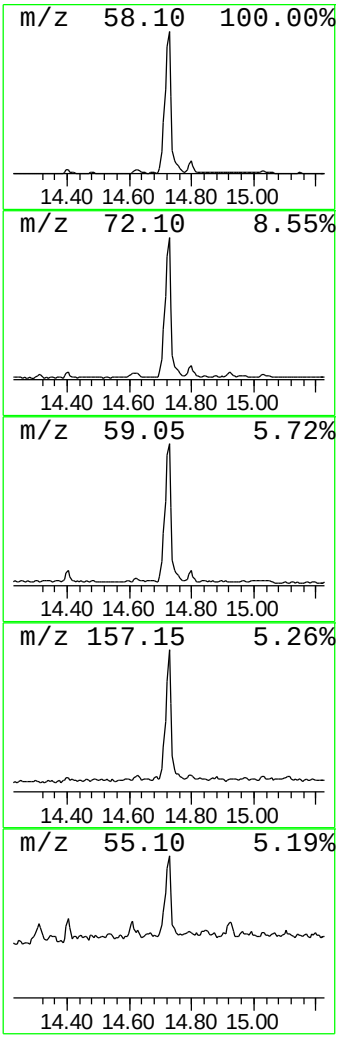
Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	91.11 ng	2090730	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
3	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
4	2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	59
5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	59





Tentatively Identified Compound (LSC) summary

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Acq On : 8 Sep 2017 16:01
Operator : SJ/JU
Sample : I5105-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090517

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
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Decane, 2,3,5-tri...	9.13	28.0	ng	980783	3	9.72	699651	20.0
Heptadecane	9.66	24.8	ng	865919	3	9.72	699651	20.0
Hexadecane	10.15	26.0	ng	908107	3	9.72	699651	20.0
Bacchotricuneatin c	10.37	14.7	ng	512888	3	9.72	699651	20.0
Hexacosane	11.10	13.9	ng	359766	4	11.20	517829	20.0
Hexadecanoic acid...	11.61	226.5	ng	5865430	4	11.20	517829	20.0
Eicosane	11.90	22.2	ng	575654	4	11.20	517829	20.0
9,12-Octadecadien...	12.32	447.2	ng	11577900	4	11.20	517829	20.0
Methyl stearate	12.40	137.6	ng	3562720	4	11.20	517829	20.0
Octadec-9-enoic acid	12.50	113.8	ng	2946040	4	11.20	517829	20.0
Nonadecane	12.67	14.4	ng	375905	5	13.84	522286	20.0
Eicosanoic acid, ...	13.12	17.4	ng	455595	5	13.84	522286	20.0
unknown13.55	13.55	17.8	ng	465461	5	13.84	522286	20.0
Docosanoic acid, ...	13.79	19.5	ng	510382	5	13.84	522286	20.0
N,N-Dimethyloctyl...	14.73	91.1	ng	2090730	6	15.25	458935	20.0