LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098051.D
Acq On : 26 Aug 2017 00:59
Operator : SJ/JU
Sample : I4948-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-A-COMP

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	4.940	481	485	498	rVB	155469	206154	7.49%	1.011%
2	5.351	550	555	558	rBV	2508456	2498970	90.75%	12.252%
3	6.381	725	730	742	rVB2	2562506	2753708	100.00%	13.501%
4	6.510	748	752	756	rBV	2368307	2419095	87.85%	11.861%
5	6.745	788	792	795	rBV	719700	635485	23.08%	3.116%
6	6.898	814	818	822	rBV	2043713	1758272	63.85%	8.621%
7	7.304	882	887	890	rBV	1375756	1287477	46.75%	6.312%
8	8.028	1006	1010	1013	rBV	818372	724653	26.32%	3.553%
9	9.104	1188	1193	1196	rBV	2226587	1948805	70.77%	9.555%
10	9.492	1256	1259	1263	rBV	160966	145021	5.27%	0.711%
11	9.716	1290	1297	1301	rBV	30173	28498	1.03%	0.140%
12	9.781	1304	1308	1311	rBV	690102	639403	23.22%	3.135%
13	10.210	1378	1381	1384	rVB	38748	32924	1.20%	0.161%
14	10.563	1437	1441	1454	rBV	1203759	1105339	40.14%	5.419%
15	10.686	1459	1462	1468	rBV	45780	46484	1.69%	0.228%
16	11.263	1556	1560	1563	rBV	713343	662611	24.06%	3.249%
17	11.657	1624	1627	1631	rBV	95624	83301	3.03%	0.408%
18	12.345	1740	1744	1746	rBV	300037	316755	11.50%	1.553%
19	12.363	1746	1747	1755	rVB2	240690	189526	6.88%	0.929%
20	12.451	1759	1762	1764	rBV	45911	49427	1.79%	0.242%
21	12.845	1825	1829	1832	rBV	2085667	1807080	65.62%	8.860%
22	13.745	1979	1982	1987	rBV	128285	139900	5.08%	0.686%
23	13.892	2004	2007	2011	rBV	591611	534065	19.39%	2.618%
24	15.315	2245	2249	2253	rBV	317425	383131	13.91%	1.878%

Sum of corrected areas: 20396084

LSC Report - Integrated Chromatogram

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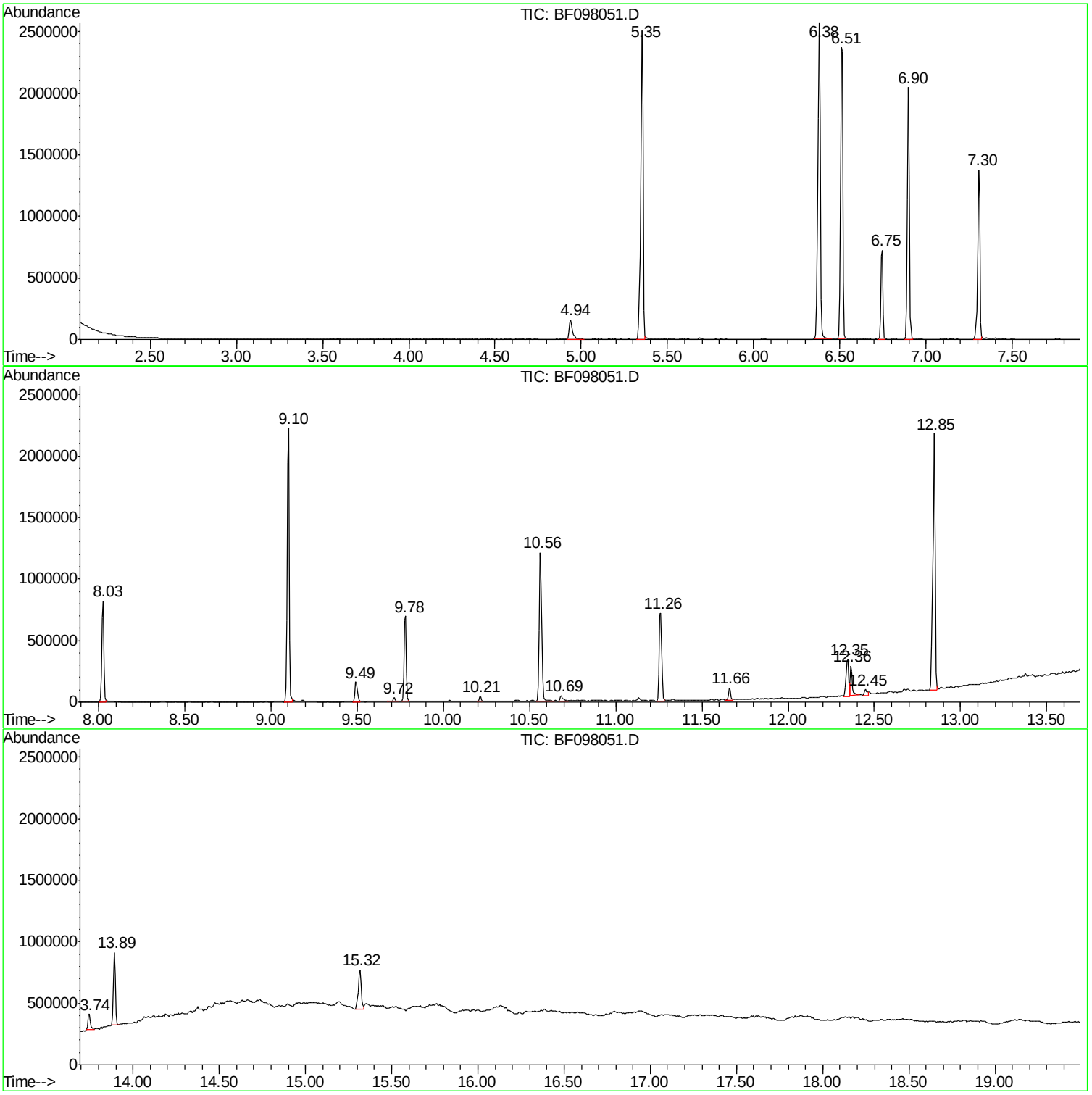
Instrument : BNA_F
ClientSampleId : MANHOLE-A-COMP

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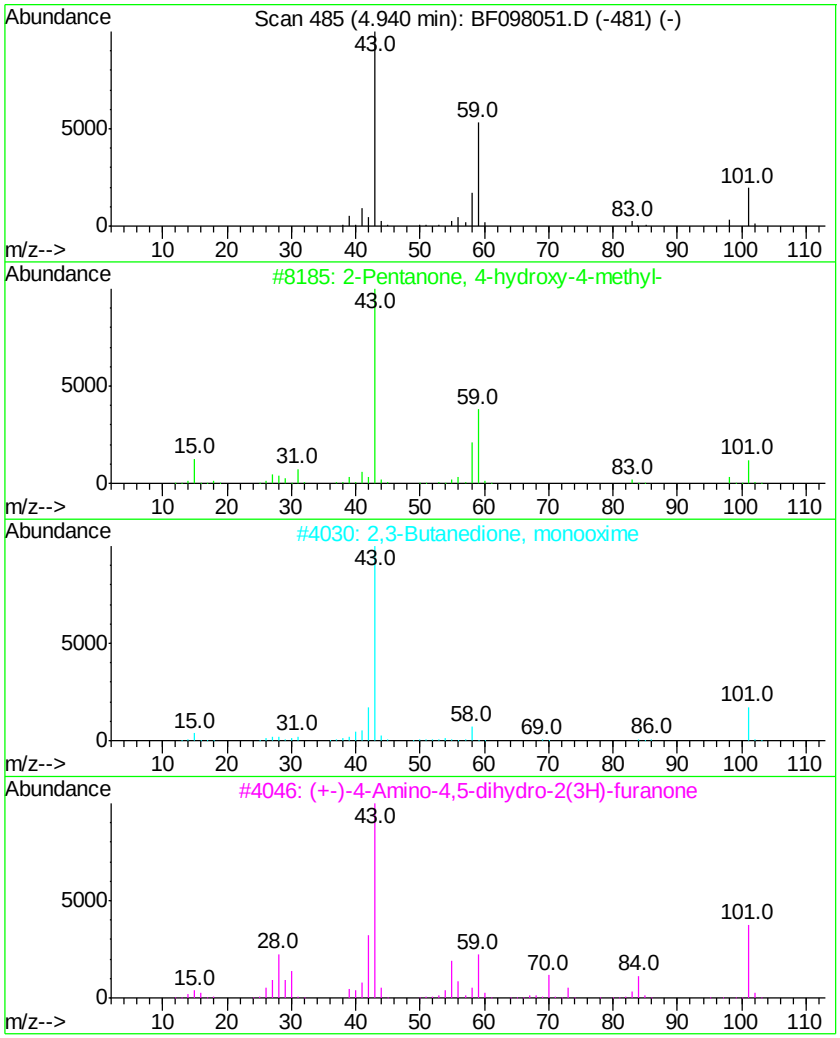
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

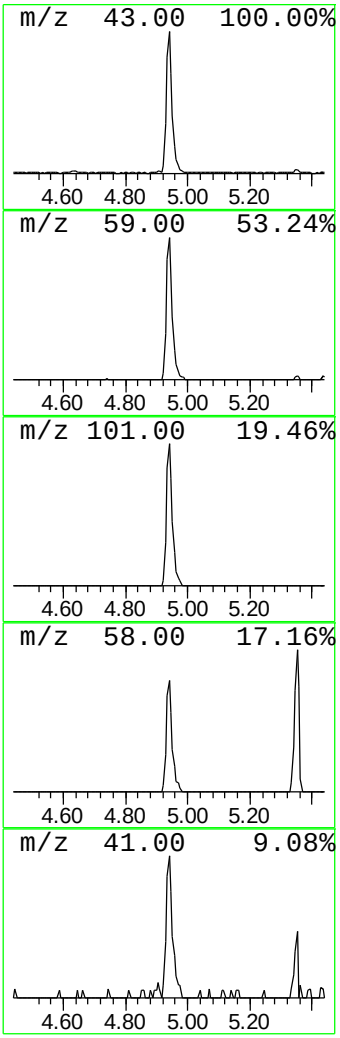
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	6.49 ng	206154	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Instrument : BNA_F
ClientSampleId : MANHOLE-A-COMP

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TIC Library : C:\DATABASE\NIST11.L
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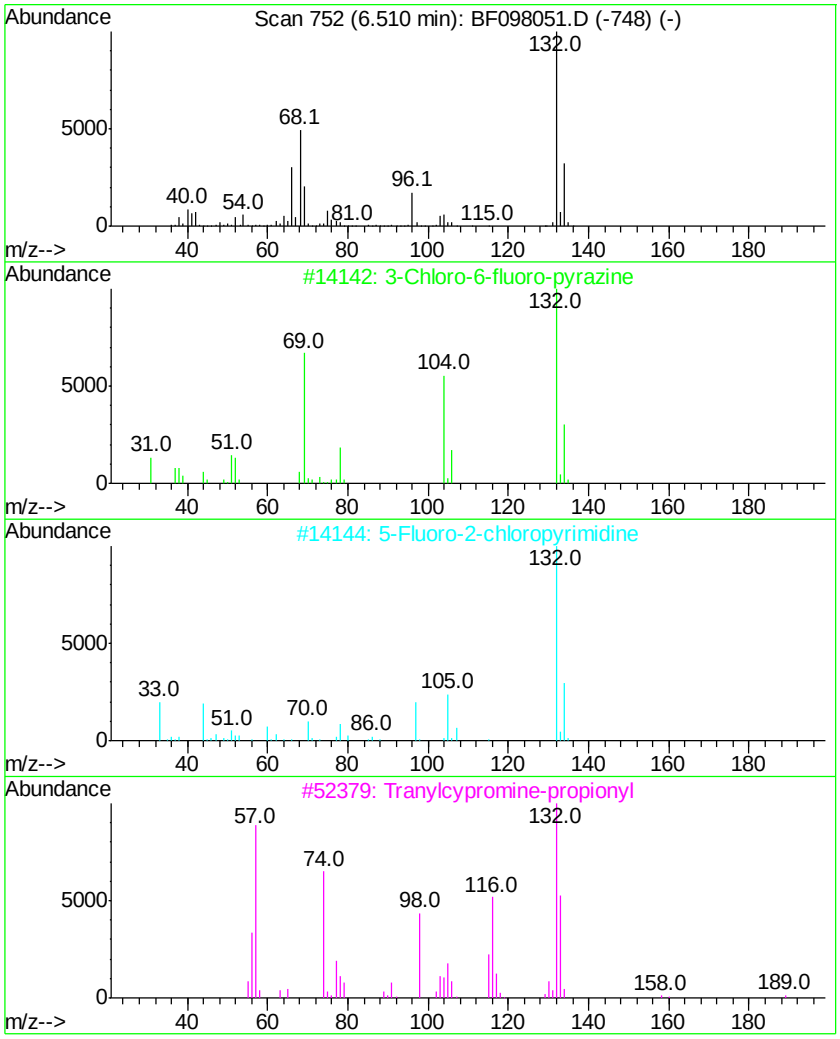
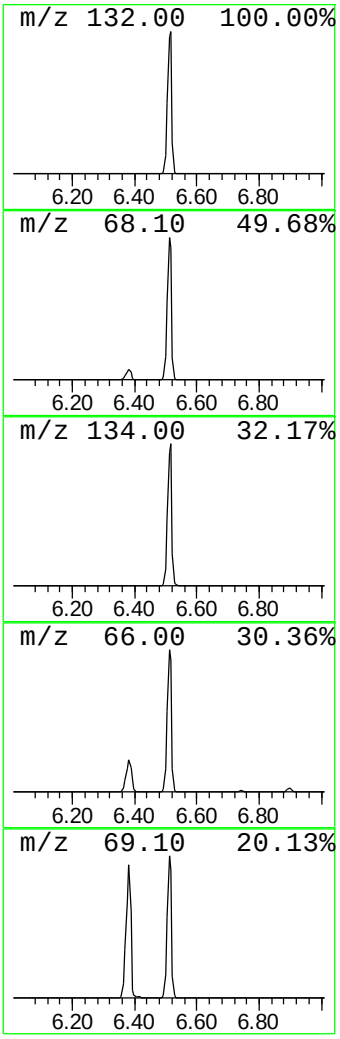
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	76.13 ng	2419100	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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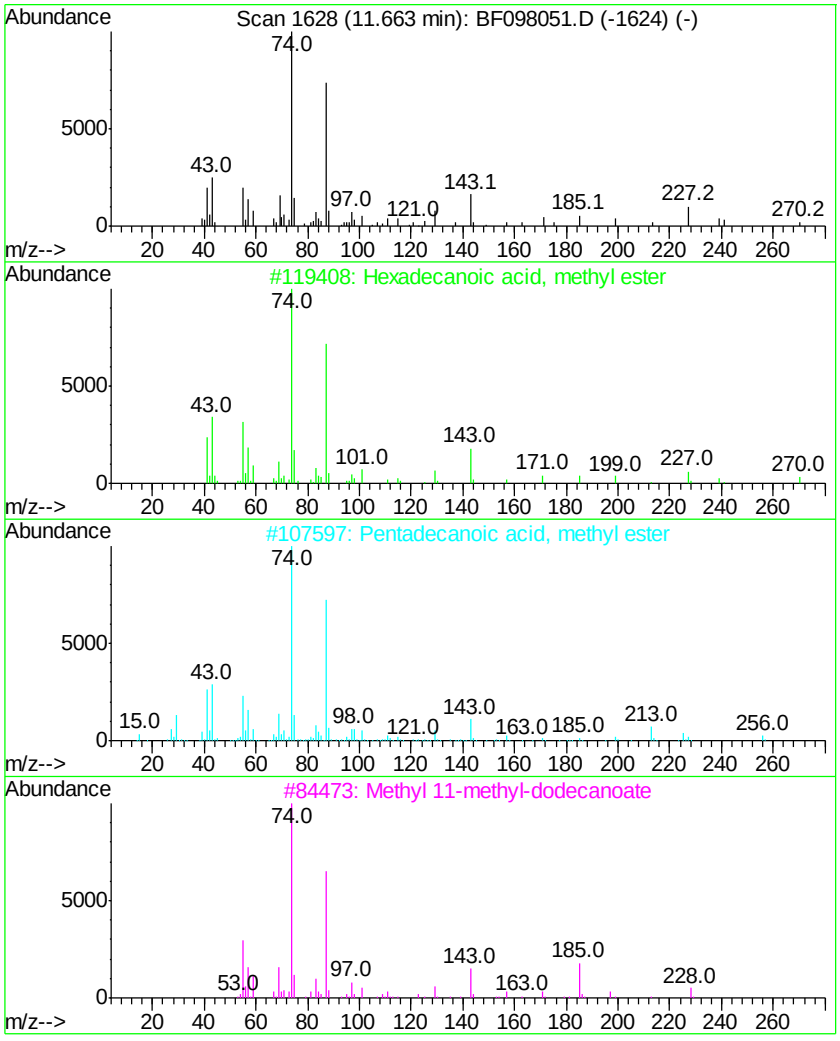
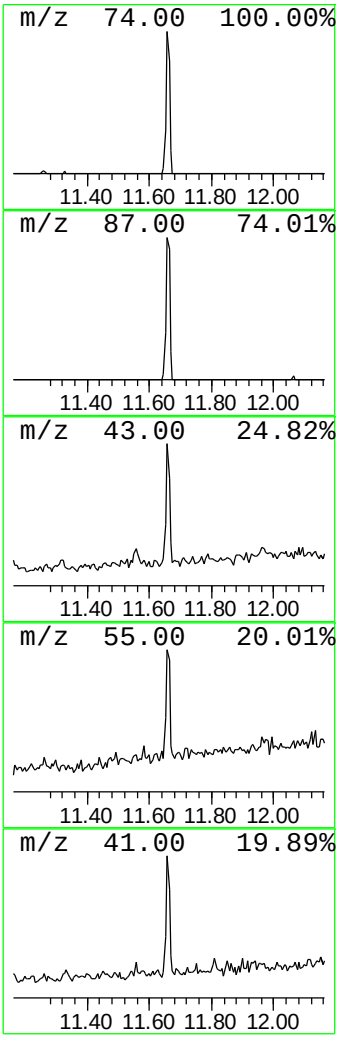
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.51 ng	83301	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	87
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





Library Search Compound Report

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Data File : BF098051.D
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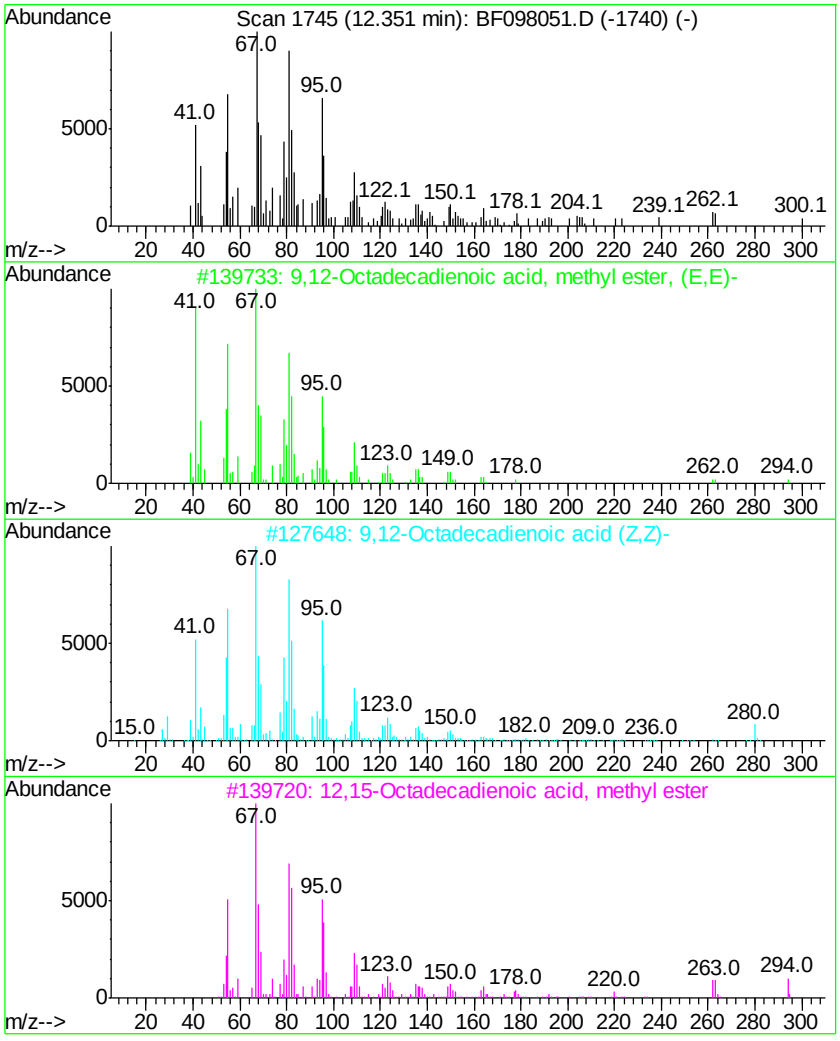
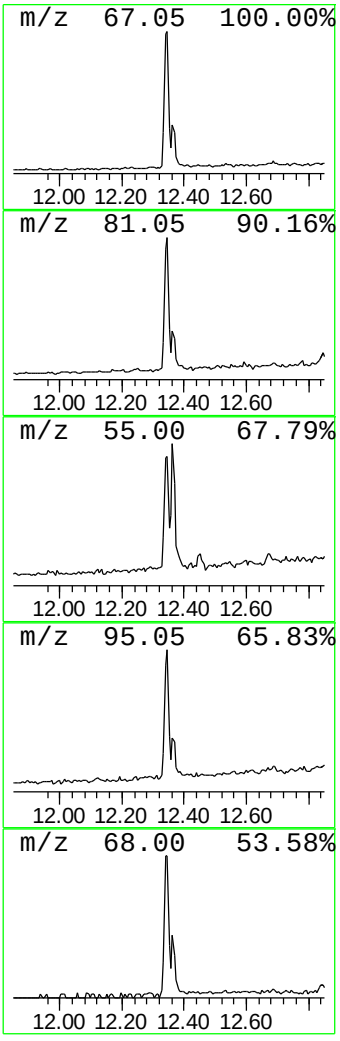
Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	9.56 ng	316755	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
3	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	92
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	90





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Sample : I4948-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

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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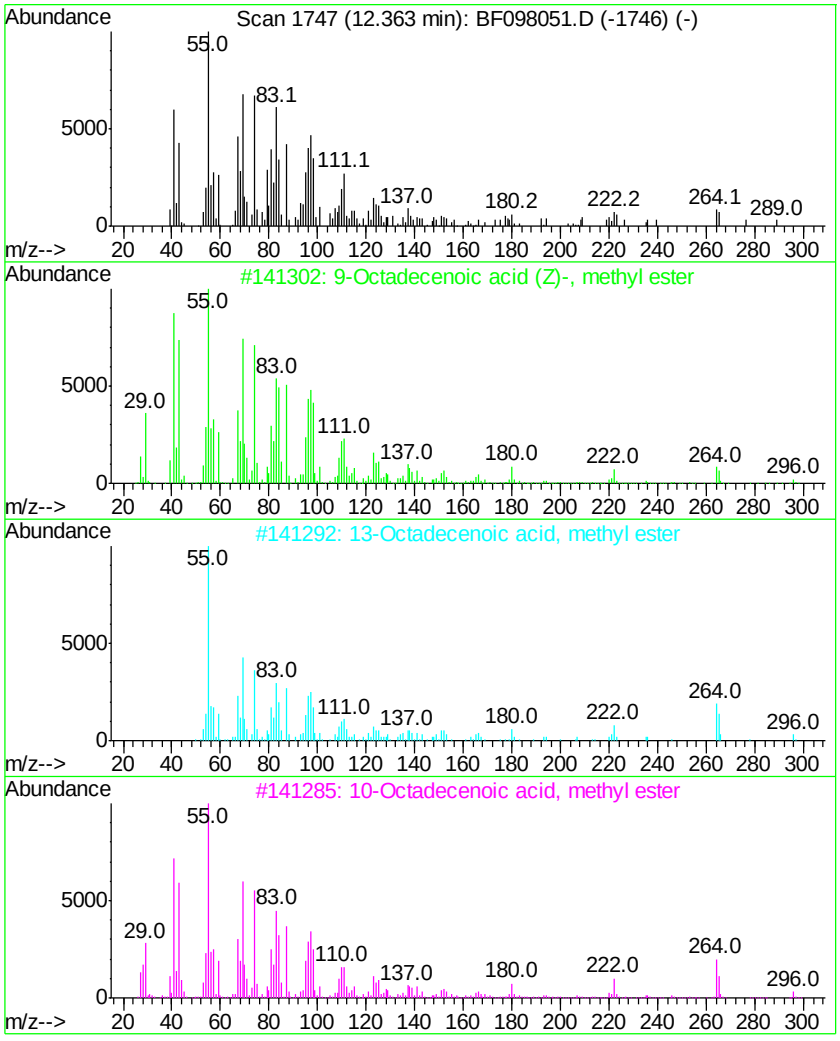
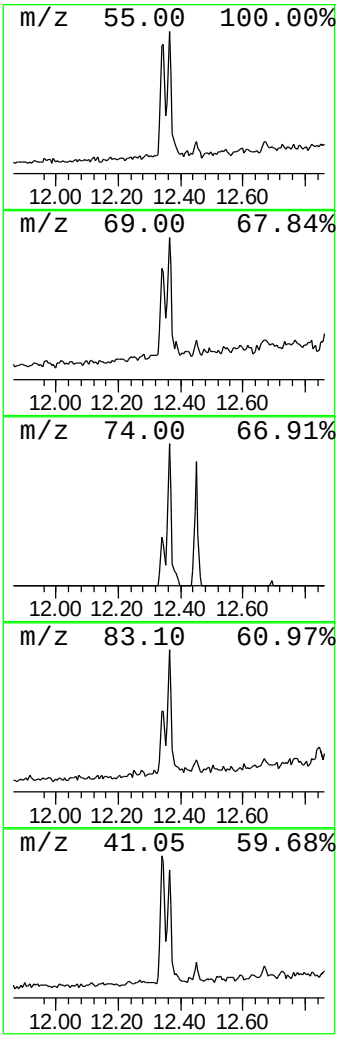
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.72 ng	189526	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	80





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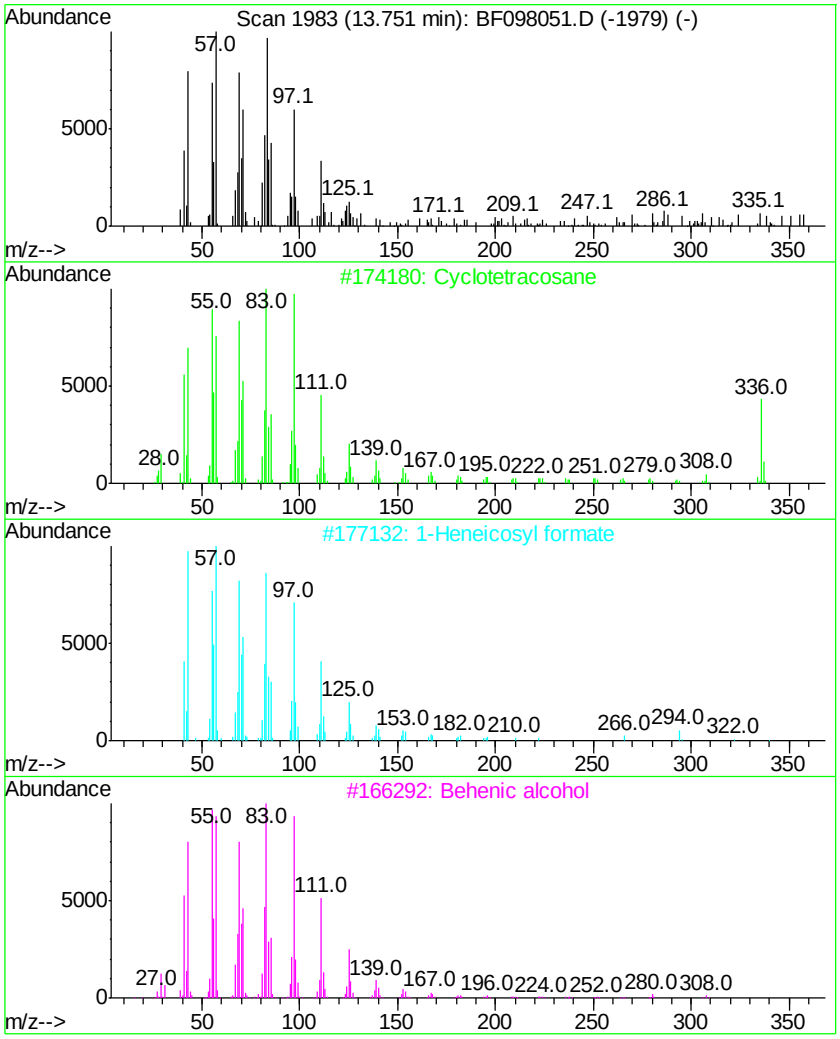
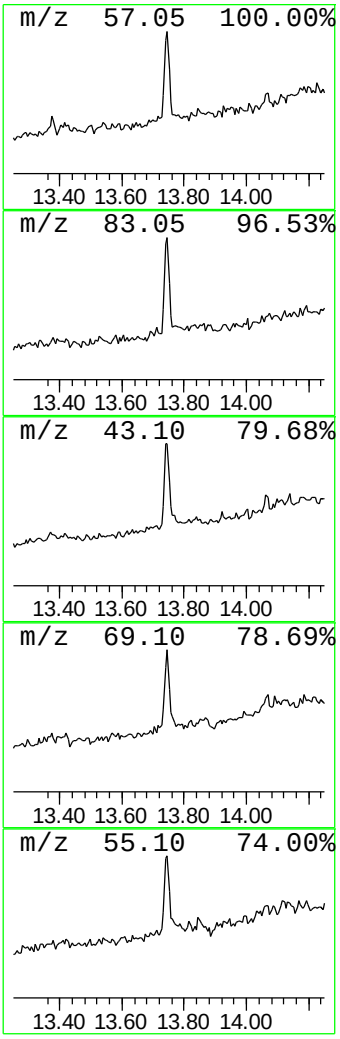
****

Peak Number 7 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.24 ng	139900	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	6.5	ng	206154	1	6.75	635485	20.0
unknown6.51	6.51	76.1	ng	2419100	1	6.75	635485	20.0
Hexadecanoic acid...	11.66	2.5	ng	83301	4	11.26	662611	20.0
9,12-Octadecadien...	12.35	9.6	ng	316755	4	11.26	662611	20.0
9-Octadecenoic ac...	12.36	5.7	ng	189526	4	11.26	662611	20.0
Cyclotetracosane	13.75	5.2	ng	139900	5	13.89	534065	20.0