LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085068.D
Acq On : 13 Feb 2016 5:34
Operator : SJ/IZ
Sample : H1396-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B001(20-22)

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-BF021316.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	1.667	6	7	10	rVB	158800	161842	2.70%	0.361%
2	1.724	10	12	45	rVB	1310275	4097592	68.30%	9.133%
3	3.701	182	185	198	rBV	225957	730724	12.18%	1.629%
4	4.136	221	223	261	rBV	563220	3810717	63.51%	8.494%
5	5.427	333	336	345	rBV	621019	2906999	48.45%	6.479%
6	5.564	345	348	374	rVV	1417785	5999837	100.00%	13.373%
7	5.907	374	378	391	rVV2	168606	1130228	18.84%	2.519%
8	6.090	391	394	431	rVB	1001229	3655263	60.92%	8.147%
9	6.707	445	448	478	rBV	530041	2841443	47.36%	6.333%
10	7.073	478	480	492	rVB4	22944	71111	1.19%	0.158%
11	7.793	540	543	565	rBV	208031	1118965	18.65%	2.494%
12	9.531	691	695	727	rBV	1816518	5077616	84.63%	11.317%
13	10.216	752	755	780	rBV	142658	601794	10.03%	1.341%
14	10.582	784	787	805	rBV	449336	1419300	23.66%	3.163%
15	11.416	857	860	863	rBV	75865	145509	2.43%	0.324%
16	11.771	886	891	897	rBV	32873	109673	1.83%	0.244%
17	11.885	897	901	922	rVV	963317	3405372	56.76%	7.590%
18	12.182	925	927	938	rVB	87412	248666	4.14%	0.554%
19	12.925	989	992	994	rBV	40250	76647	1.28%	0.171%
20	12.994	995	998	1015	rVB	451599	1236652	20.61%	2.756%
21	15.623	1225	1228	1244	rVB	2156663	4189457	69.83%	9.338%
22	17.097	1354	1357	1361	rBV2	61108	126829	2.11%	0.283%
23	17.177	1361	1364	1374	rVB	482320	970050	16.17%	2.162%
24	18.800	1503	1506	1513	rBV	362200	733353	12.22%	1.635%

Sum of corrected areas: 44865639

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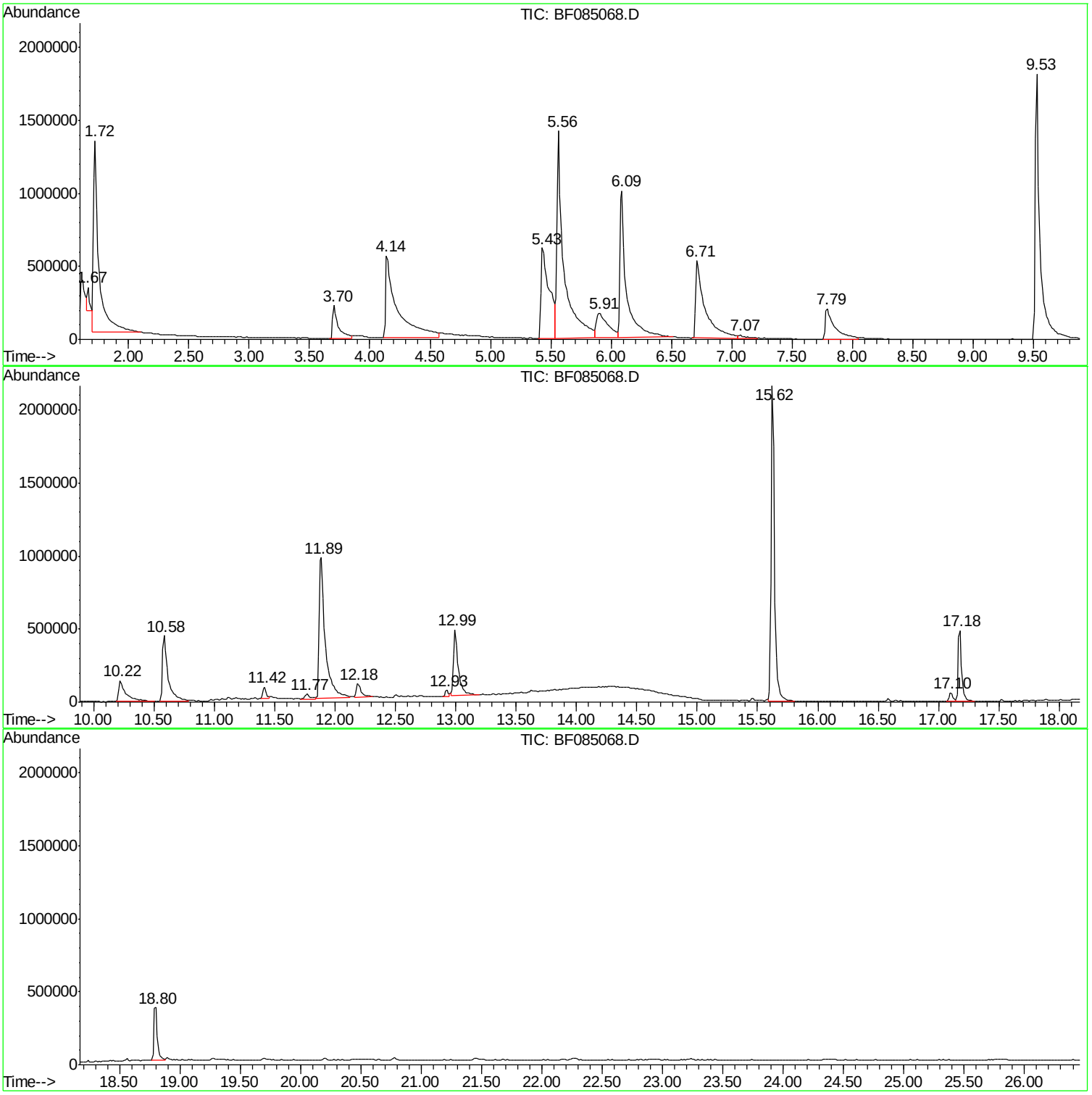
Instrument :
BNA_F
ClientSampleId :
SUP-B001(20-22)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085068.D
Acq On : 13 Feb 2016 5:34
Operator : SJ/IZ
Sample : H1396-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B001(20-22)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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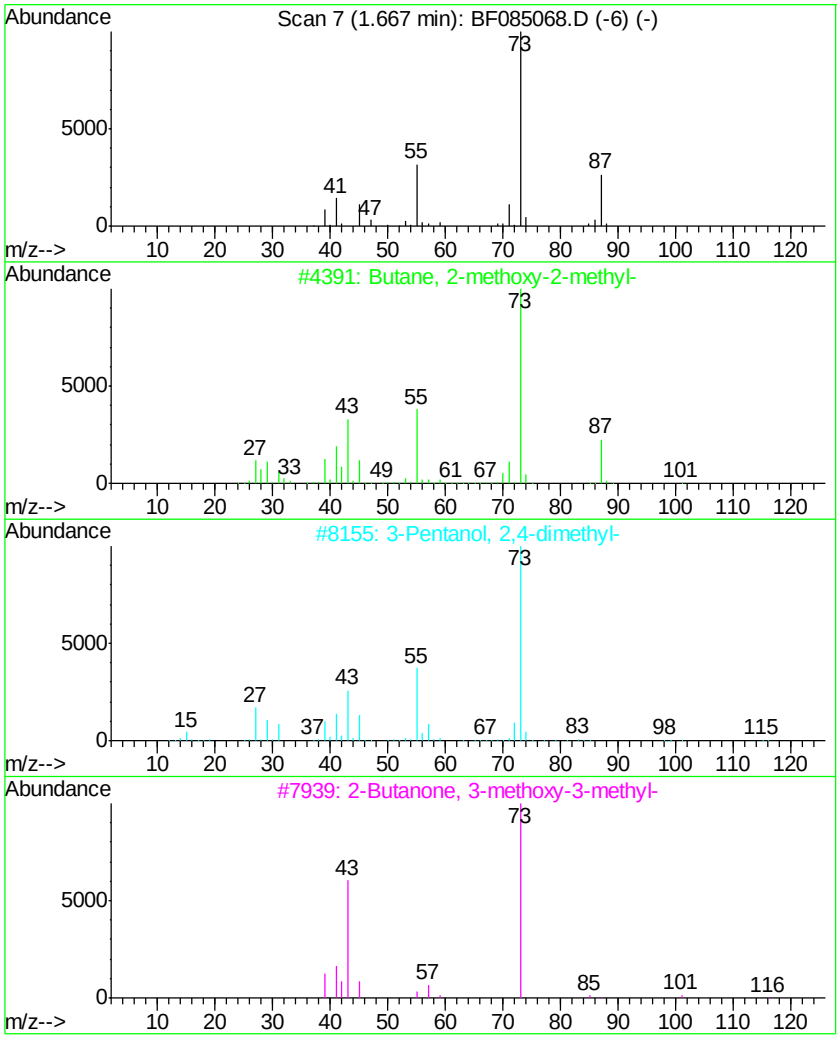
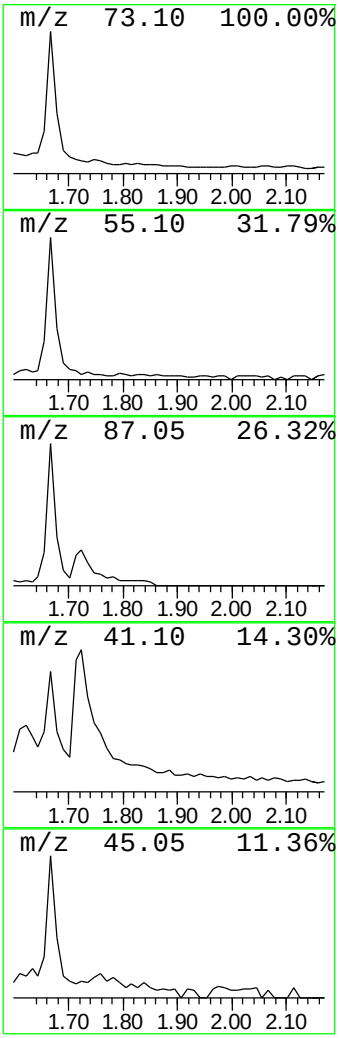
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.67	2.86 ng	161842	1,4-Dichlorobenzene-d4	5.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B001(20-22)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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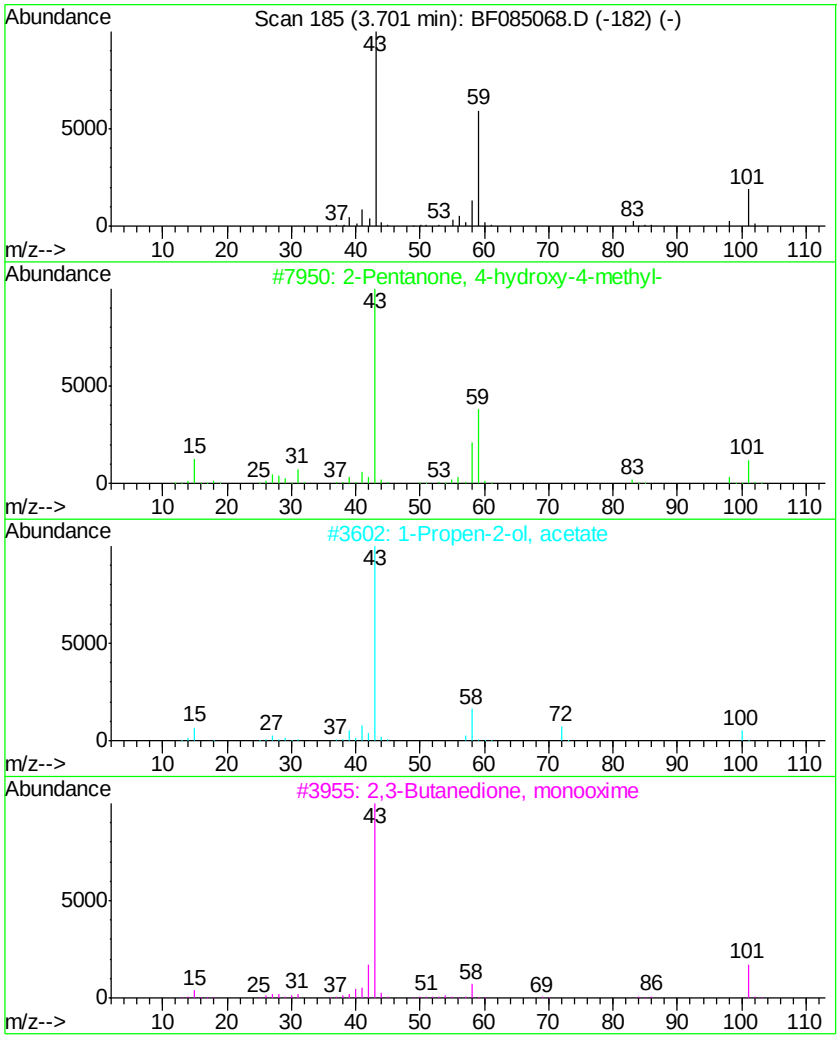
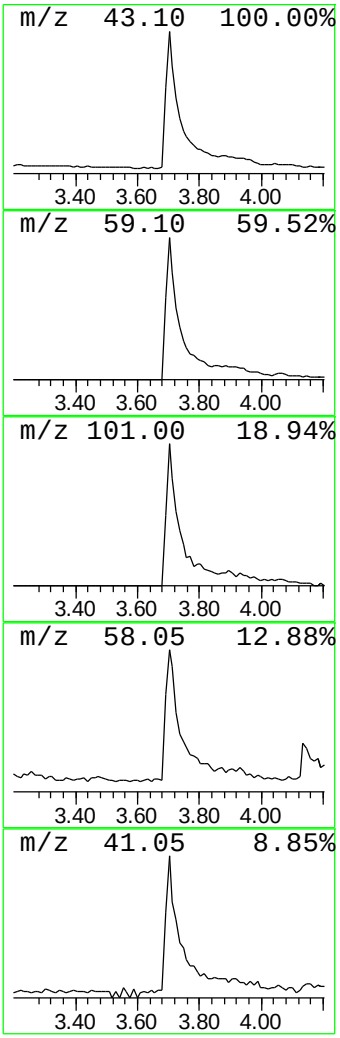
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	12.93 ng	730724	1,4-Dichlorobenzene-d4	5.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF085068.D
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Operator : SJ/IZ
Sample : H1396-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B001(20-22)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
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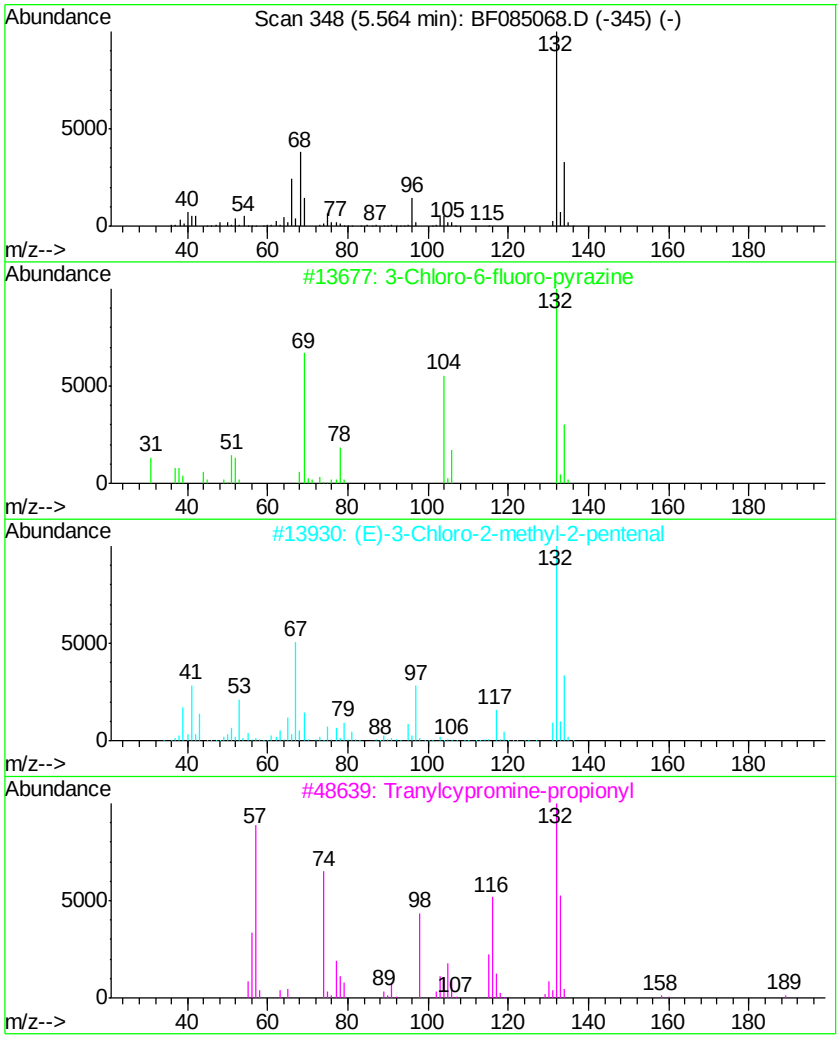
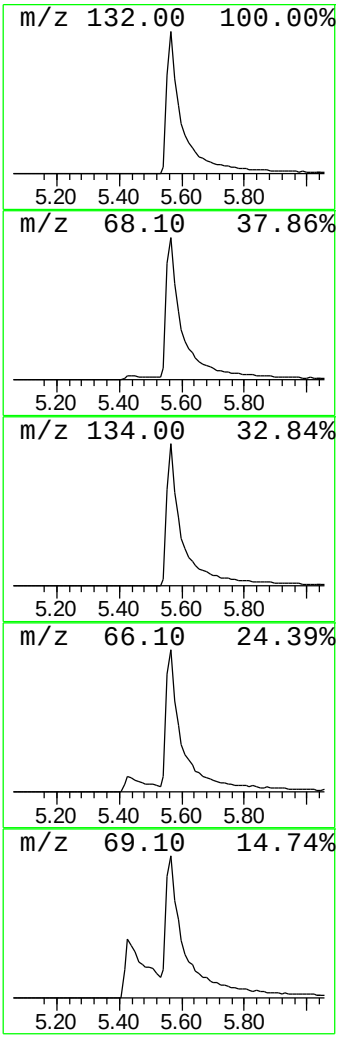
Peak Number 4 unknown5.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	106.17 ng	5999840	1,4-Dichlorobenzene-d4	5.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : SUP-B001(20-22)

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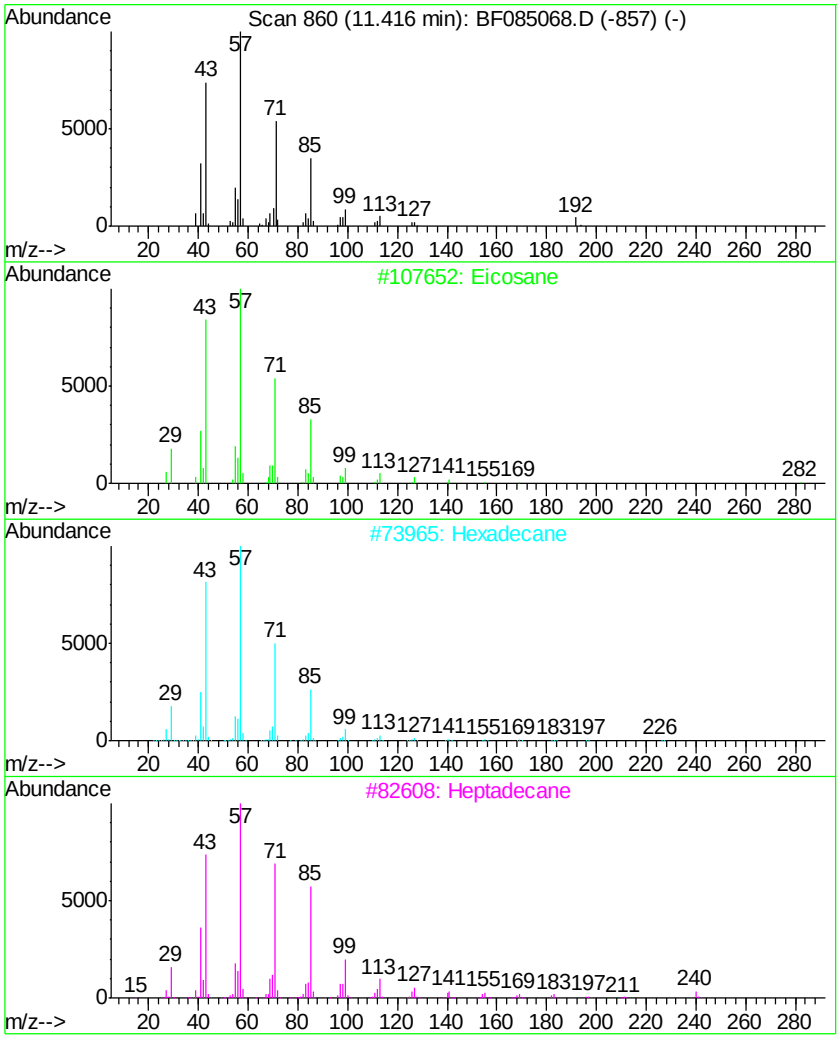
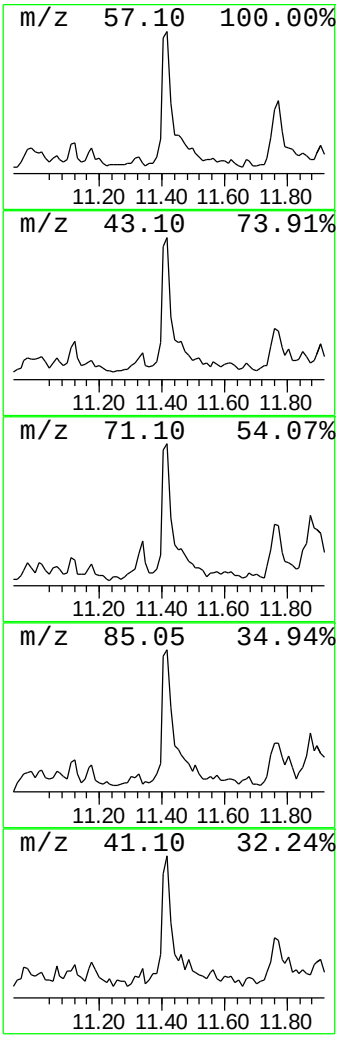
Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.05 ng	145509	Acenaphthene-d10	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B001(20-22)

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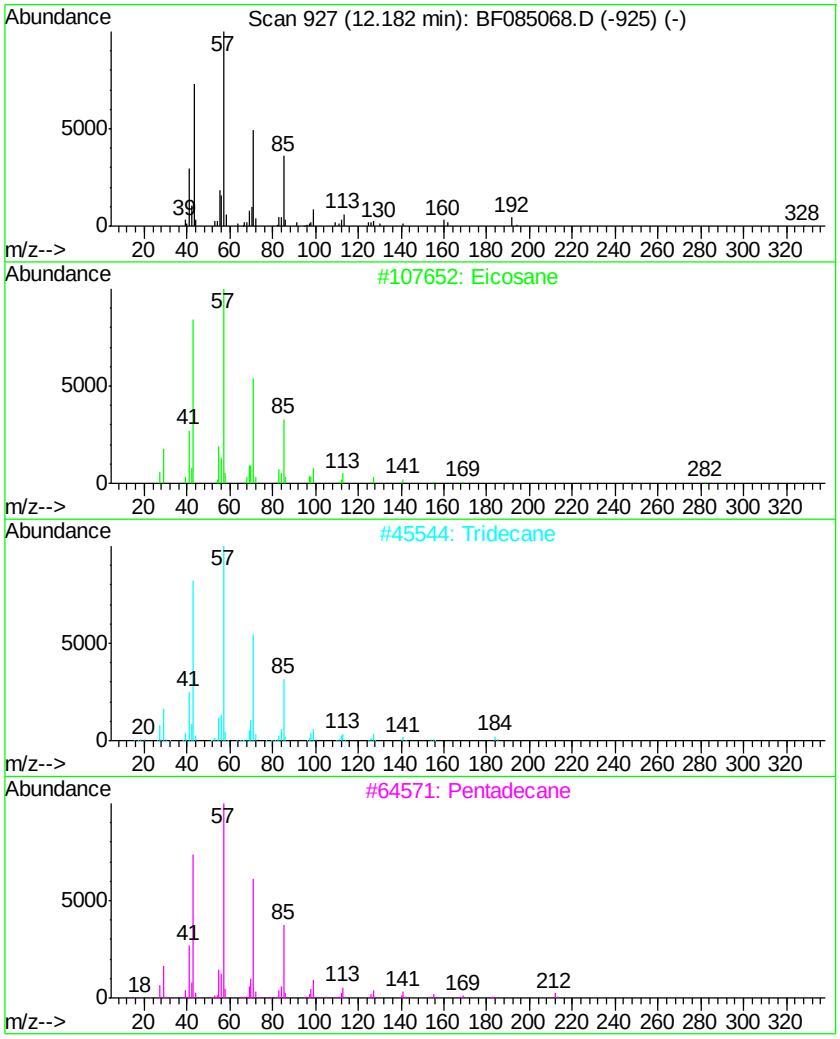
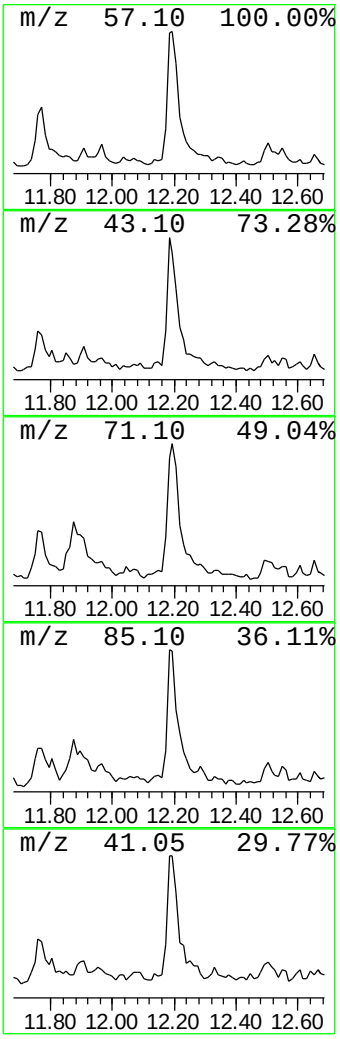
****

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	4.02 ng	248666	Phenanthrene-d10	12.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane	240	C17H36	000629-78-7	78
5	Hexadecane	226	C16H34	000544-76-3	78





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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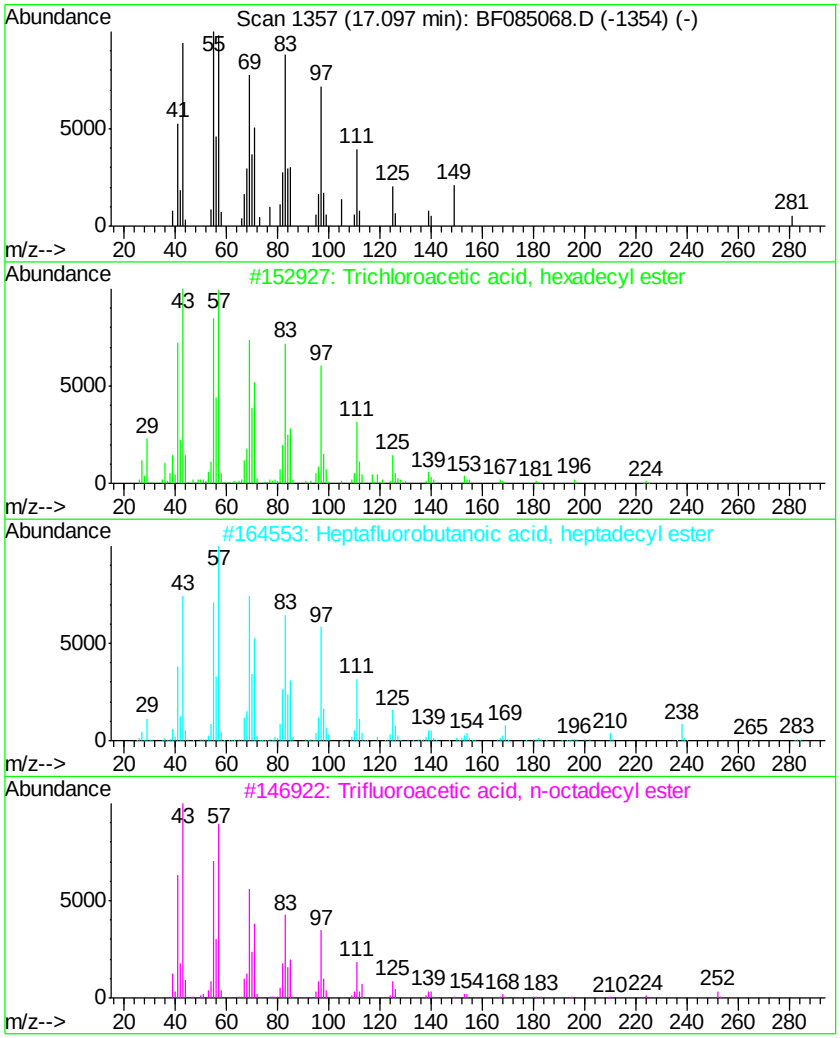
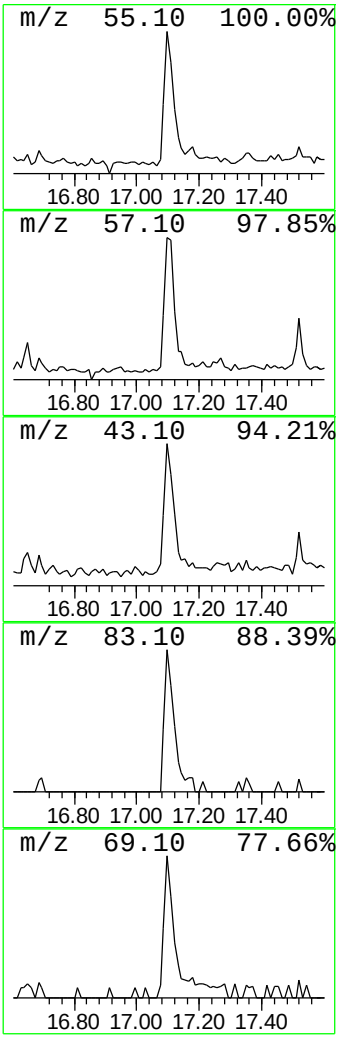
Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	2.61 ng	126829	Chrysene-d12	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.67	2.9	ng	161842	1	5.91	1130230	20.0
2-Pentanone, 4-hy...	3.70	12.9	ng	730724	1	5.91	1130230	20.0
unknown5.56	5.56	106.2	ng	5999840	1	5.91	1130230	20.0
Eicosane	11.42	2.0	ng	145509	3	10.58	1419300	20.0
Tridecane	12.18	4.0	ng	248666	4	12.99	1236650	20.0
Trichloroacetic a...	17.10	2.6	ng	126829	5	17.18	970050	20.0