LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085387.D
Acq On : 11 Mar 2016 22:24
Operator : UM/SJ
Sample : H1758-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-19-20160310

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-BF030316.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	5.144	248	250	259	rBV	221073	323446	6.40%	0.833%
2	5.544	282	285	287	rBV	3879348	4343408	85.90%	11.190%
3	6.562	371	374	377	rBV	3119640	4443558	87.88%	11.448%
4	6.699	384	386	388	rBV	3252299	4581307	90.61%	11.802%
5	6.767	390	392	394	rVV	53436	64565	1.28%	0.166%
6	6.859	398	400	402	rBV	65494	56608	1.12%	0.146%
7	6.939	404	407	409	rBV	778892	911299	18.02%	2.348%
8	7.099	418	421	423	rBV	2662652	3651494	72.22%	9.407%
9	7.499	453	456	459	rBV	2534625	2710132	53.60%	6.982%
10	8.219	517	519	521	rBV	1378046	1178579	23.31%	3.036%
11	9.305	611	614	616	rBV	4765280	5056338	100.00%	13.026%
12	9.693	646	648	649	rBV	420401	396427	7.84%	1.021%
13	9.910	665	667	668	rBV	71325	62340	1.23%	0.161%
14	9.979	671	673	675	rVB	1453403	1228062	24.29%	3.164%
15	10.413	707	711	712	rBV	62856	87090	1.72%	0.224%
16	10.768	739	742	745	rBV	2584454	2563503	50.70%	6.604%
17	10.882	749	752	756	rVV2	98694	127600	2.52%	0.329%
18	11.465	801	803	805	rBV	1321143	1109966	21.95%	2.860%
19	11.991	847	849	851	rBV	130299	152263	3.01%	0.392%
20	12.768	916	917	921	rBV	38694	73056	1.44%	0.188%
21	13.054	939	942	944	rBV	3724785	3495655	69.13%	9.006%
22	13.945	1017	1020	1026	rBV	293442	398545	7.88%	1.027%
23	14.105	1031	1034	1036	rVV	835679	824217	16.30%	2.123%
24	14.837	1095	1098	1103	rBV	114665	225972	4.47%	0.582%
25	15.568	1159	1162	1165	rBV	607372	751241	14.86%	1.935%

Sum of corrected areas: 38816671

LSC Report - Integrated Chromatogram

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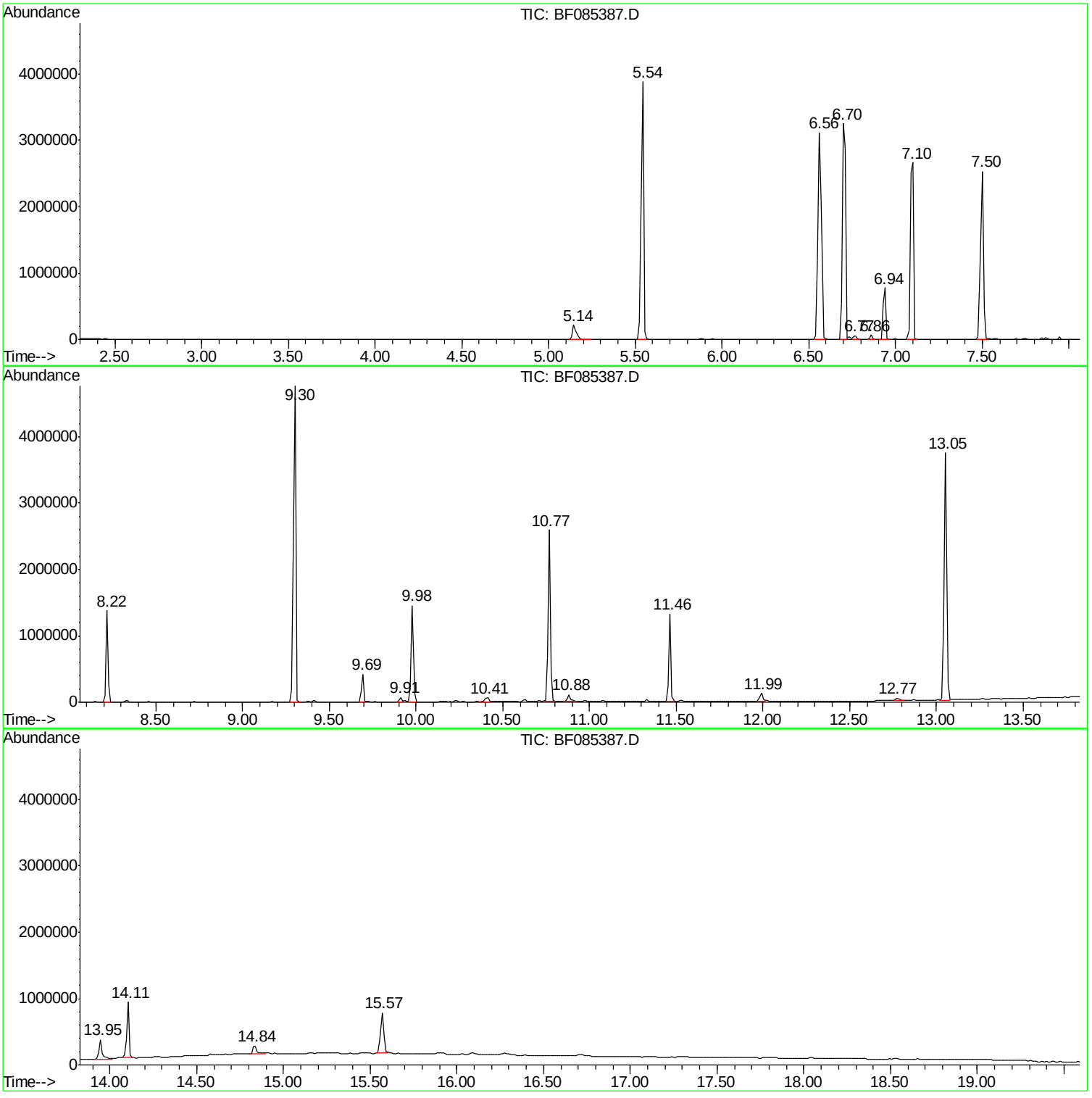
Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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Operator : UM/SJ
Sample : H1758-05
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Instrument : BNA_F
ClientSampleId : POST-EX-19-20160310

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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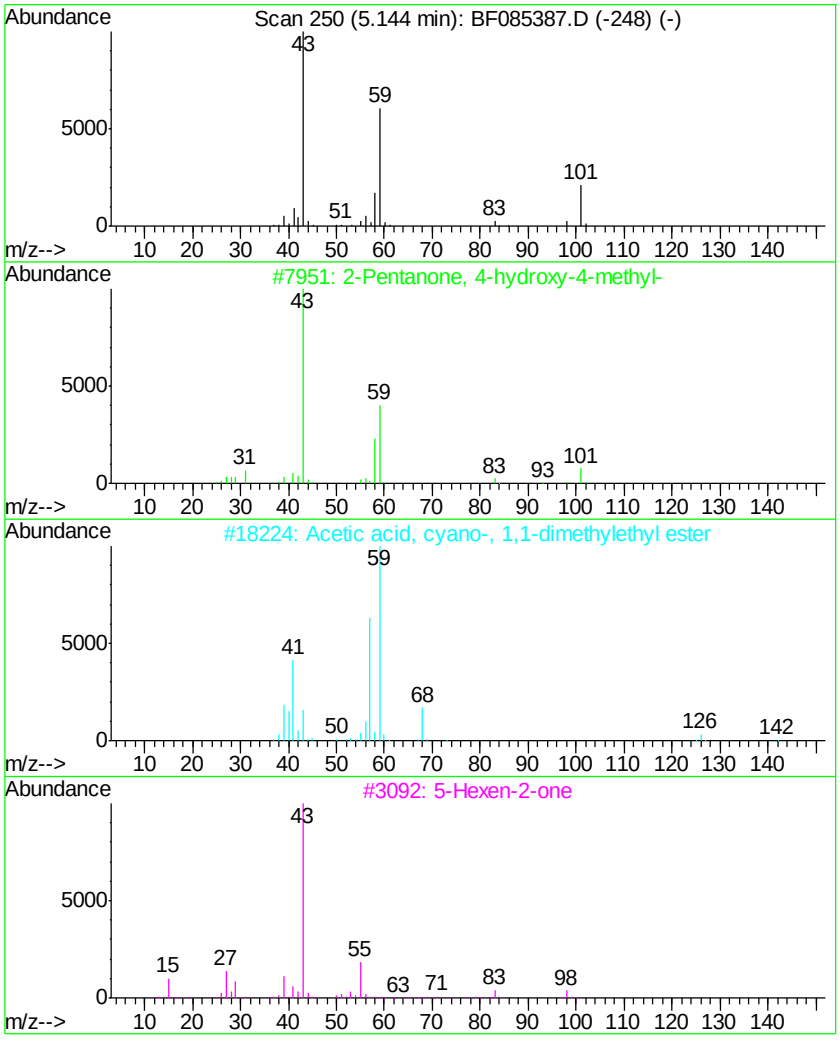
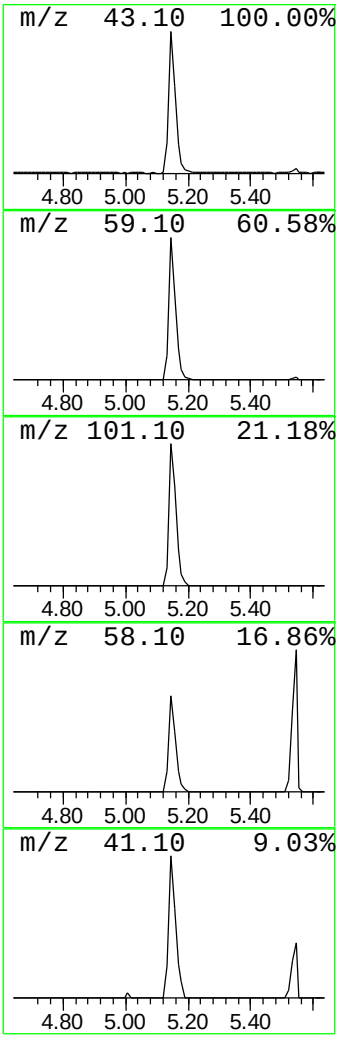
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	7.10 ng	323446	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : POST-EX-19-20160310

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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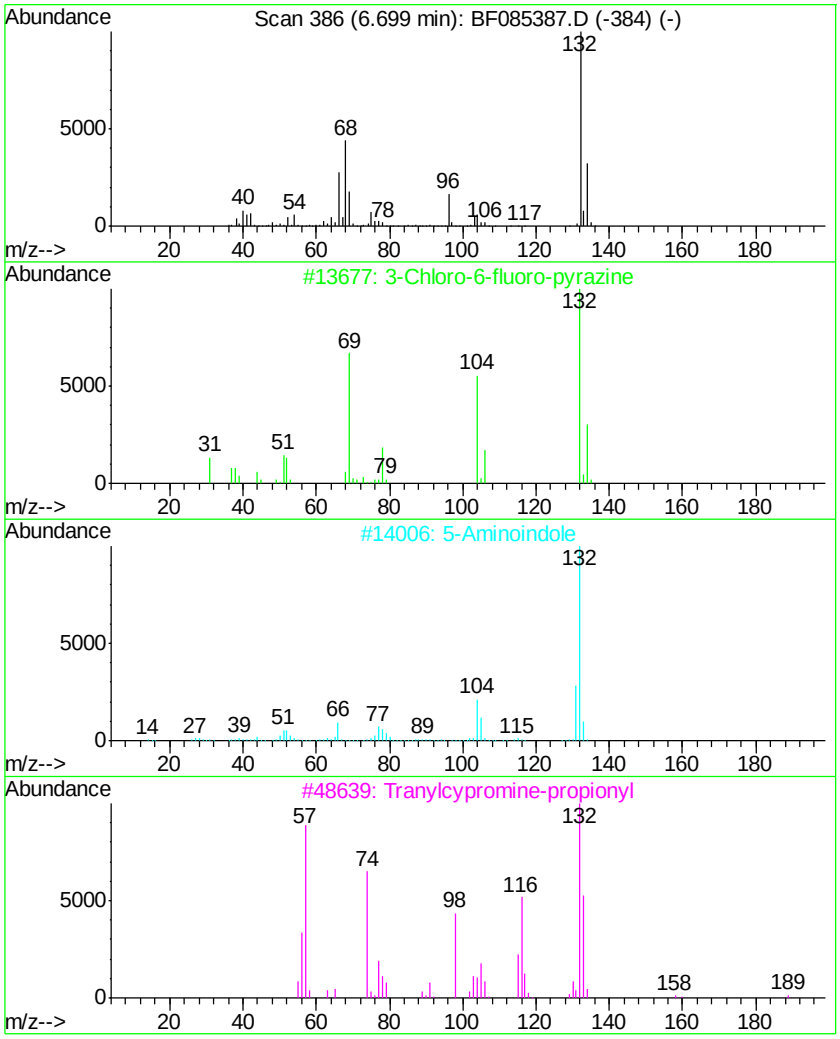
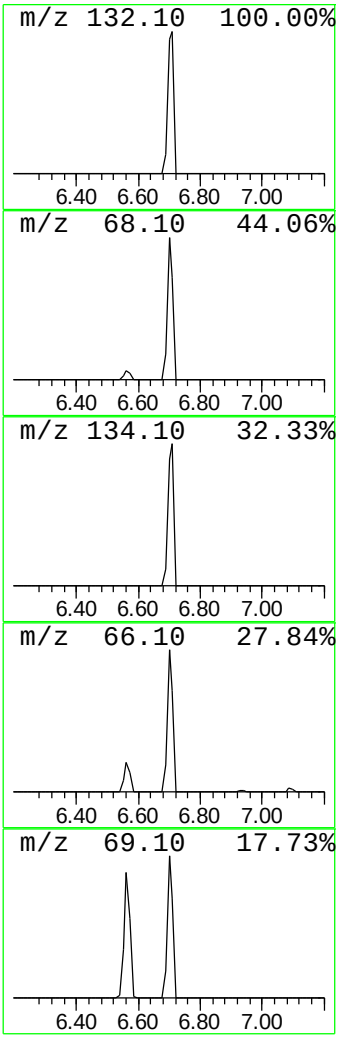
Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	100.55 ng	4581310	1,4-Dichlorobenzene-d4	6.94

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085387.D
Acq On : 11 Mar 2016 22:24
Operator : UM/SJ
Sample : H1758-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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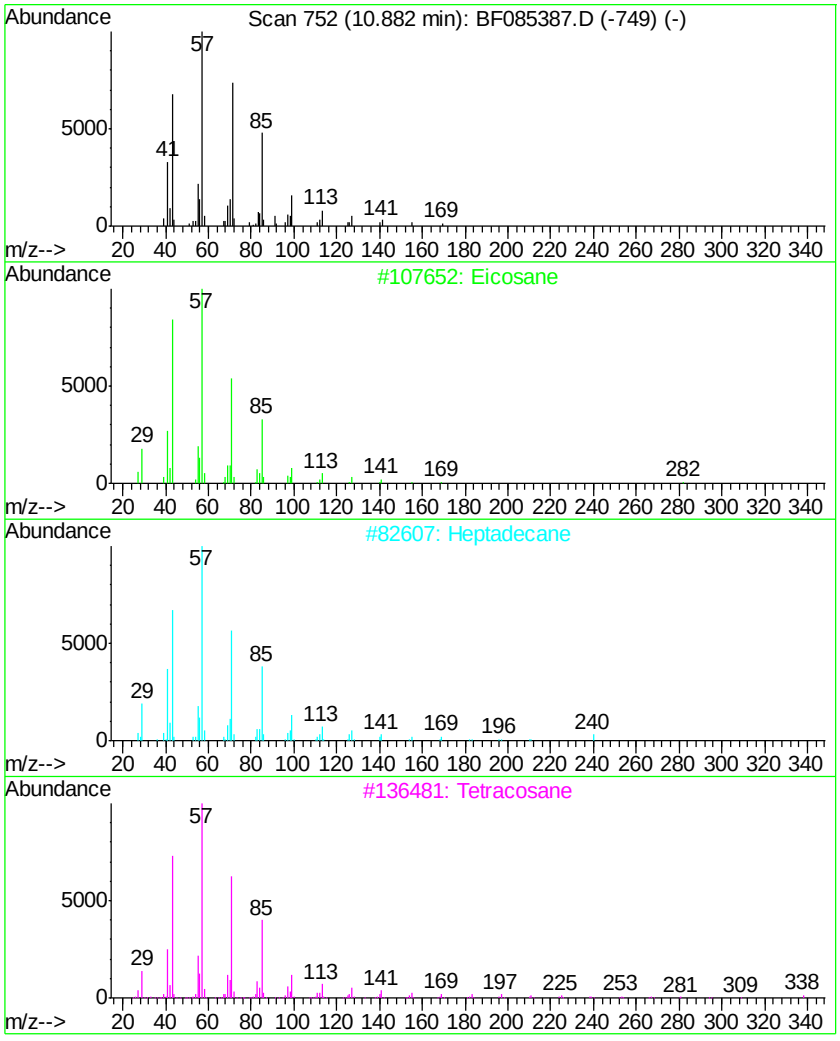
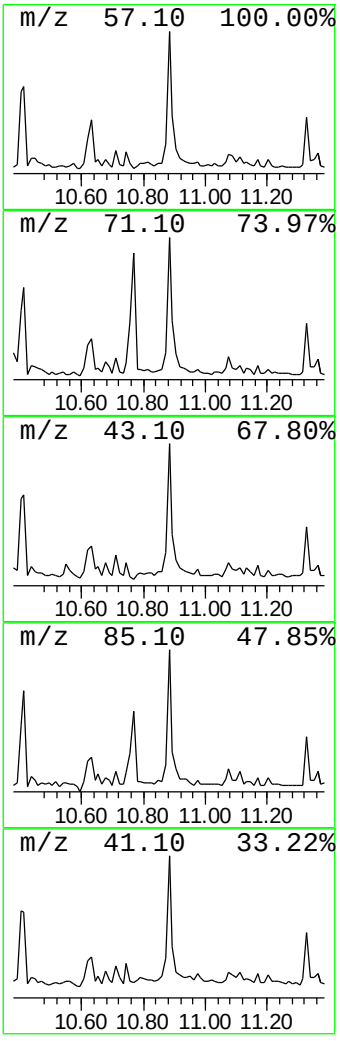
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.30 ng	127600	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Hexadecane	226	C16H34	000544-76-3	90





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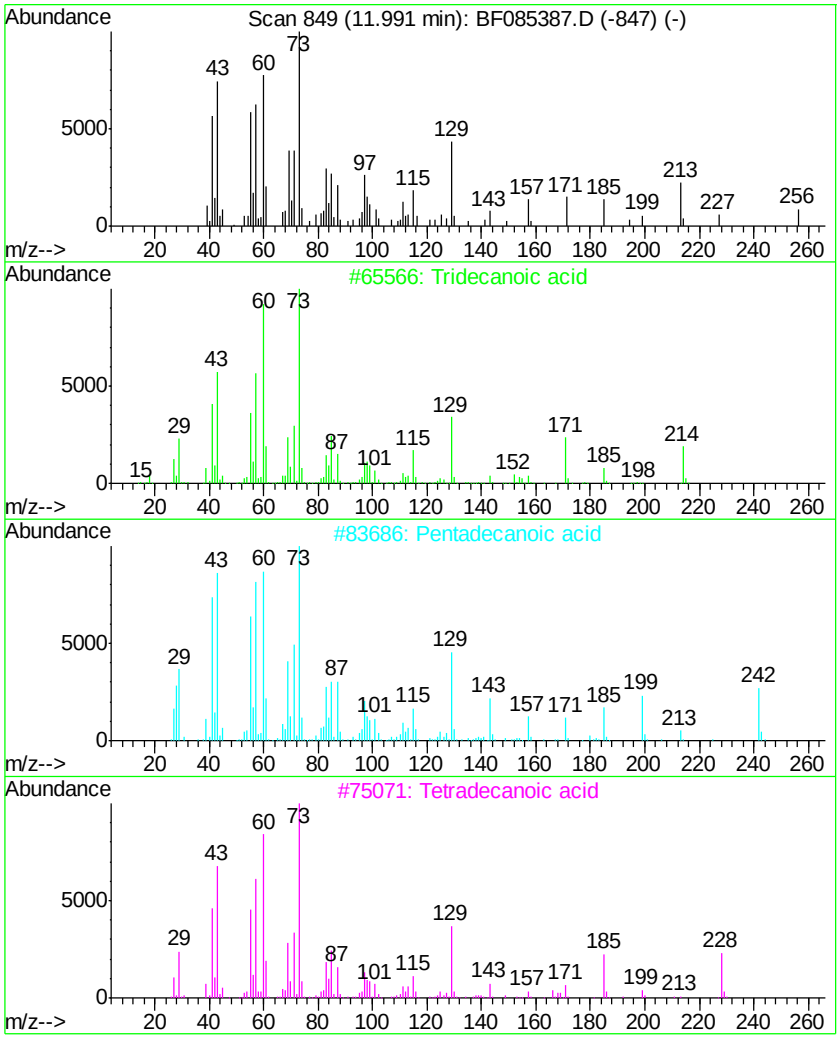
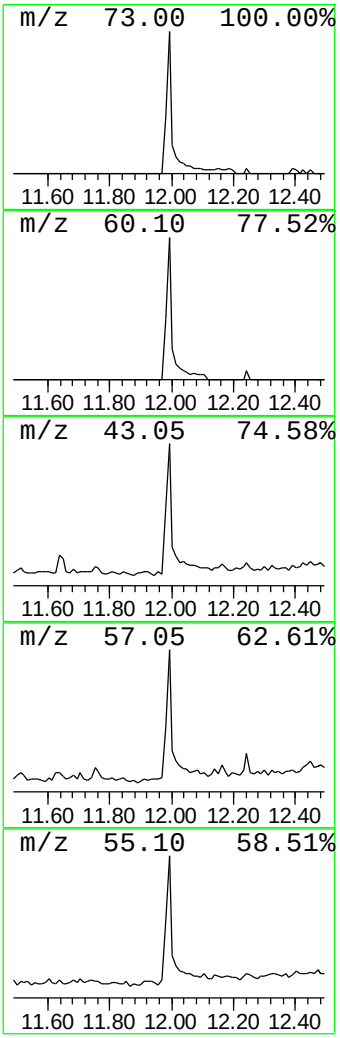
Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.74 ng	152263	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	15





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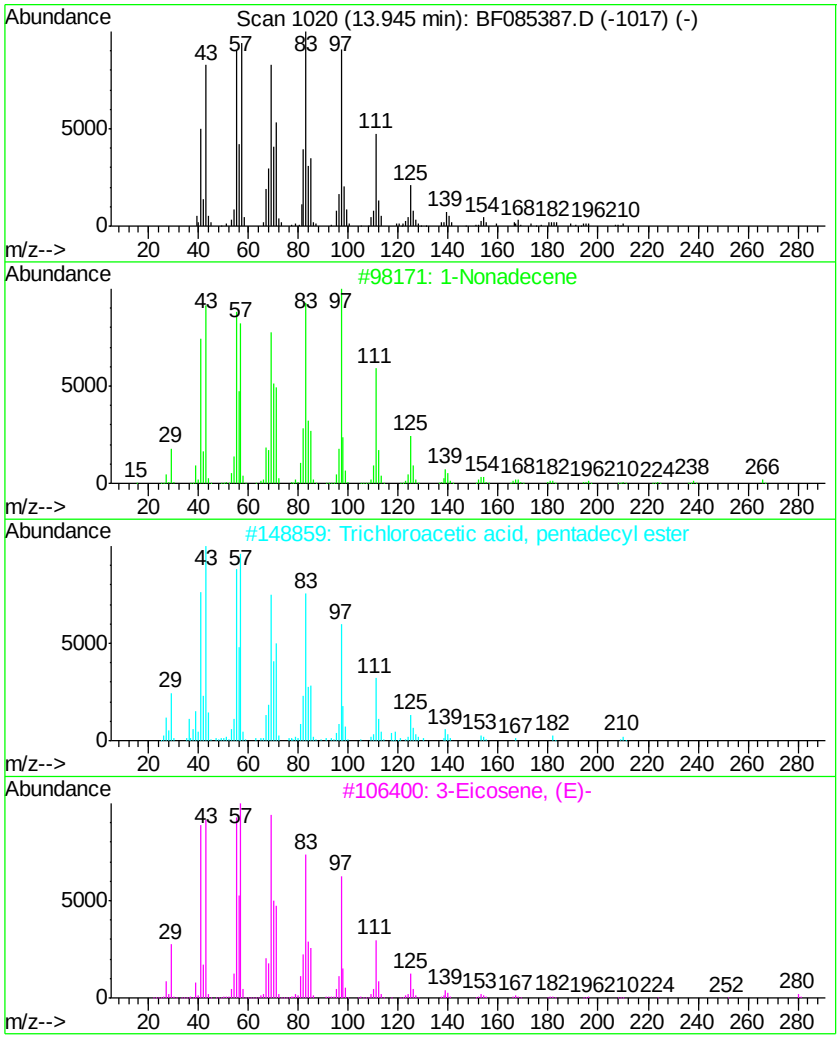
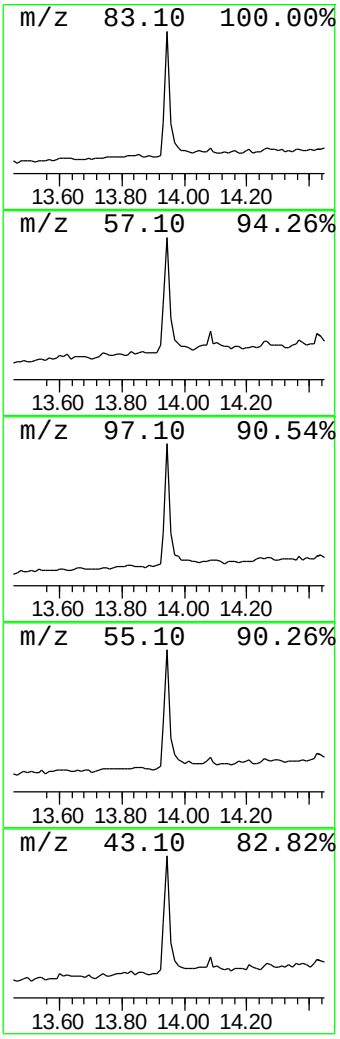
Peak Number 6 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	9.67 ng	398545	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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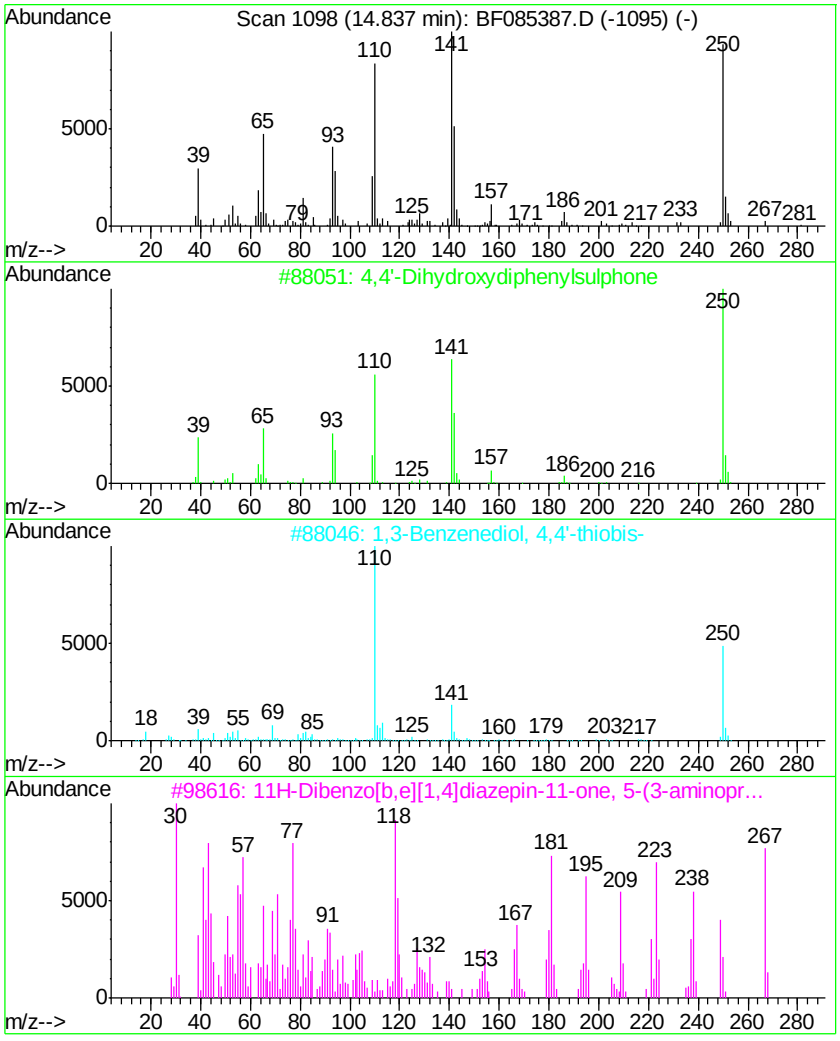
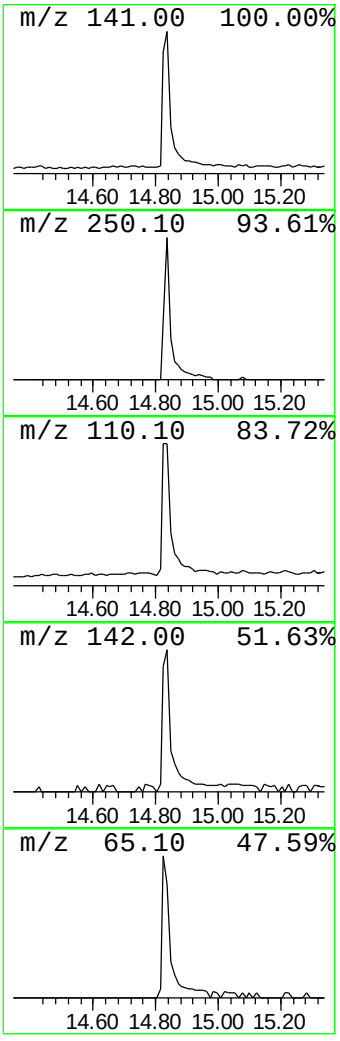
Peak Number 7 4,4'-Dihydroxydiphenylsulphone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.48 ng	225972	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dihydroxydiphenylsulphone	250	C12H10O4S	000080-09-1	99
2	1,3-Benzenediol, 4,4'-thiobis-	250	C12H10O4S	000097-29-0	32
3	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	14
4	2,6-Difluorobenzaldehyde	142	C7H4F2O	000437-81-0	10
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	10





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	7.1	ng	323446	1	6.94	911299	20.0
unknown6.70	6.70	100.6	ng	4581310	1	6.94	911299	20.0
Eicosane	10.88	2.3	ng	127600	4	11.46	1109970	20.0
Tridecanoic acid	11.99	2.7	ng	152263	4	11.46	1109970	20.0
1-Nonadecene	13.95	9.7	ng	398545	5	14.11	824217	20.0
4,4'-Dihydroxydip...	14.84	5.5	ng	225972	5	14.11	824217	20.0