LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085648.D
Acq On : 22 Mar 2016 5:45
Operator : UM/SJ
Sample : H1840-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-12-8.0-9.0

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-BF031816.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	5.030	237	240	250	rBV	263356	426200	16.00%	1.863%
2	5.441	273	276	279	rBV	2247895	2276849	85.46%	9.953%
3	5.841	309	311	314	rBV	35793	38553	1.45%	0.169%
4	6.470	364	366	369	rBV	1758244	2426078	91.06%	10.606%
5	6.607	376	378	381	rBV	2543456	2386443	89.57%	10.433%
6	6.836	396	398	401	rBV	651713	717579	26.93%	3.137%
7	6.996	410	412	415	rBV	2233425	2000141	75.07%	8.744%
8	7.407	445	448	450	rBV	1713889	1707416	64.08%	7.464%
9	7.499	453	456	460	rVB	22137	29102	1.09%	0.127%
10	8.127	508	511	513	rBV	1076567	975806	36.62%	4.266%
11	9.202	602	605	608	rBV	2890908	2664351	100.00%	11.647%
12	9.602	638	640	642	rBV	206307	292273	10.97%	1.278%
13	9.819	657	659	661	rBV	50725	63275	2.37%	0.277%
14	9.876	662	664	667	rVB	967782	909556	34.14%	3.976%
15	10.310	701	702	704	rVB	117746	91835	3.45%	0.401%
16	10.528	718	721	725	rBV	46806	74302	2.79%	0.325%
17	10.665	730	733	736	rBV	1309906	1323370	49.67%	5.785%
18	10.791	742	744	748	rBV2	81427	163515	6.14%	0.715%
19	11.236	781	783	784	rBV	39713	50658	1.90%	0.221%
20	11.362	792	794	796	rBV	897958	766935	28.79%	3.353%
21	11.888	839	840	845	rBV	65238	81917	3.07%	0.358%
22	12.768	915	917	919	rBV	63577	51819	1.94%	0.227%
23	12.951	930	933	935	rBV	1447974	1940841	72.84%	8.485%
24	13.842	1009	1011	1020	rBV	61574	122156	4.58%	0.534%
25	13.991	1022	1024	1027	rVV	660171	630728	23.67%	2.757%
26	15.420	1146	1149	1156	rBV	535729	663291	24.90%	2.900%

Sum of corrected areas: 22874989

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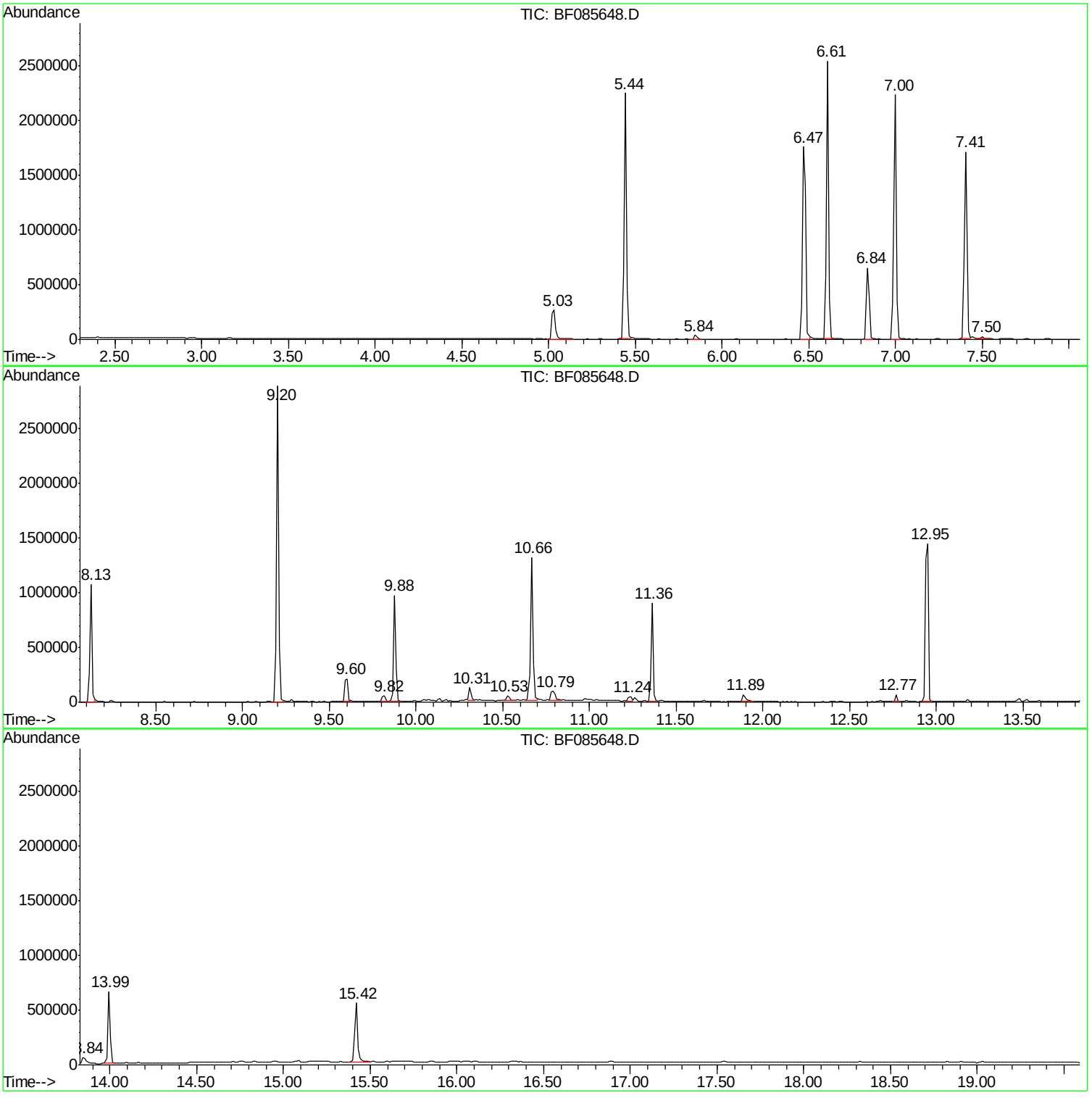
PJ-SB-12-8.0-9.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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

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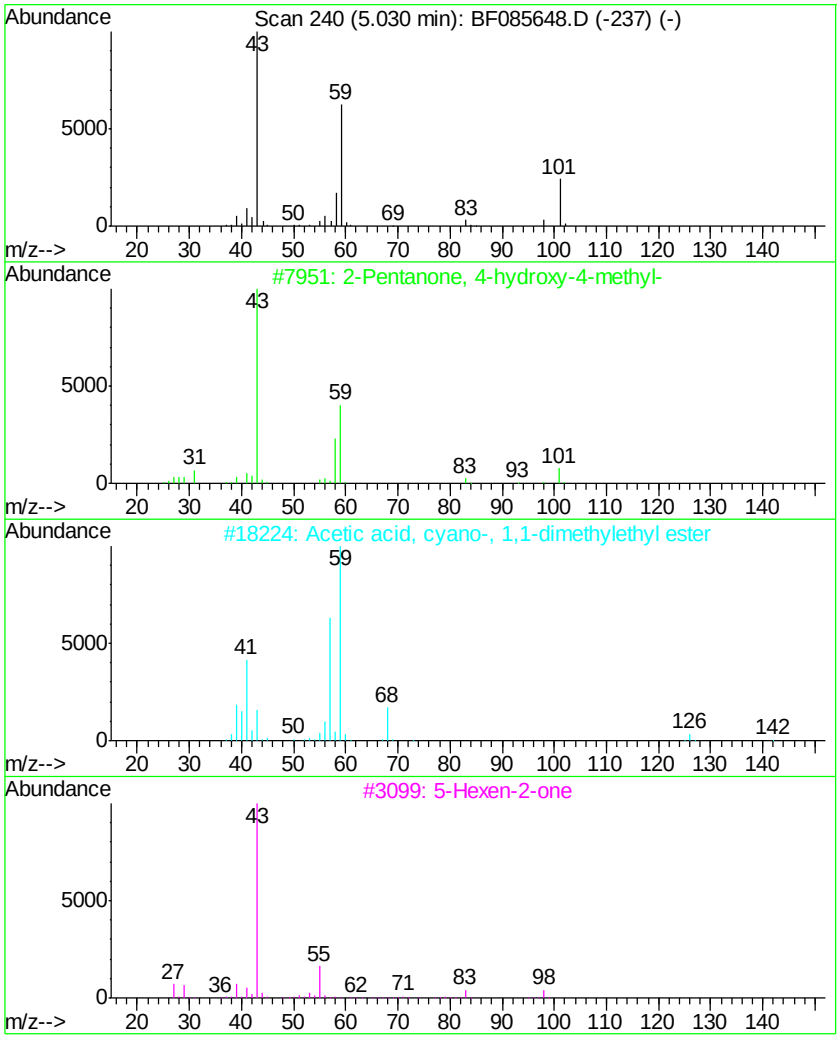
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

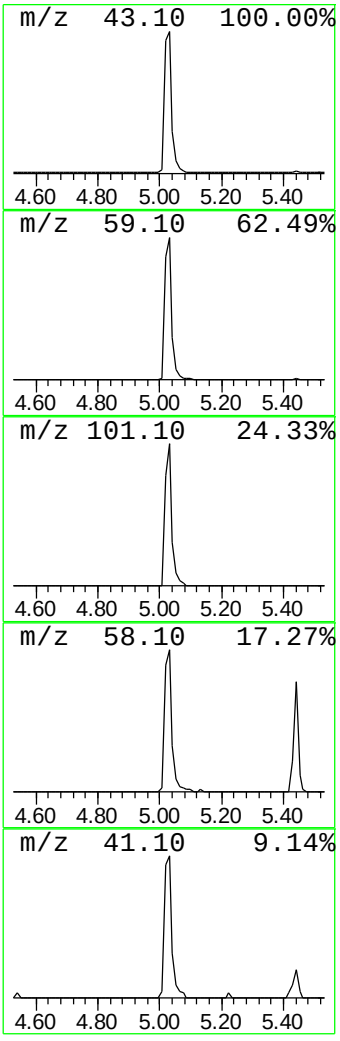
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	11.88 ng	426200	1,4-Dichlorobenzene-d4	6.84

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	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	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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ClientSampleId : PJ-SB-12-8.0-9.0

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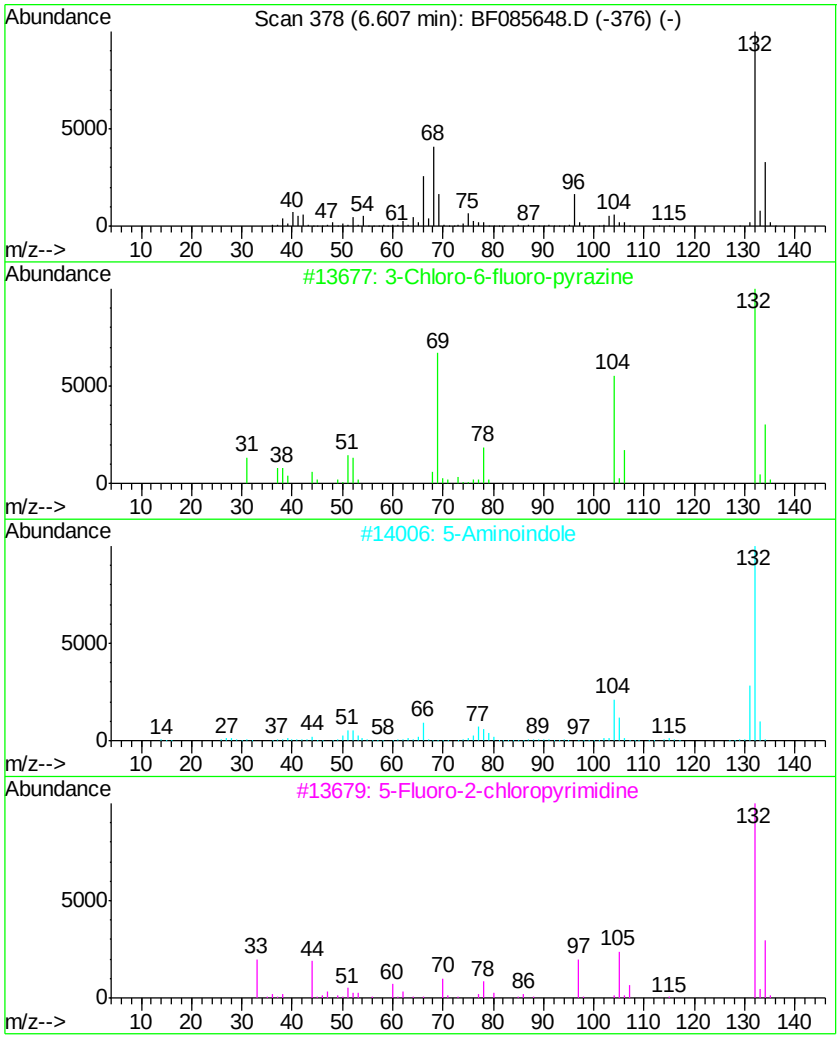
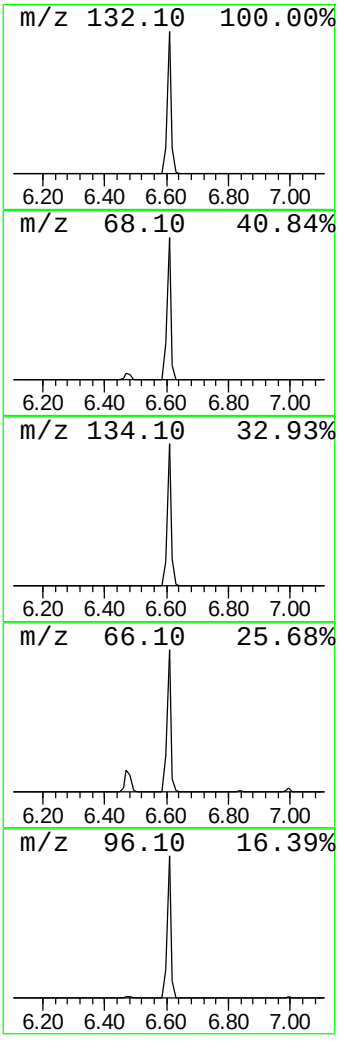
Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	66.51 ng	2386440	1,4-Dichlorobenzene-d4	6.84

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF085648.D
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Operator : UM/SJ
Sample : H1840-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-12-8.0-9.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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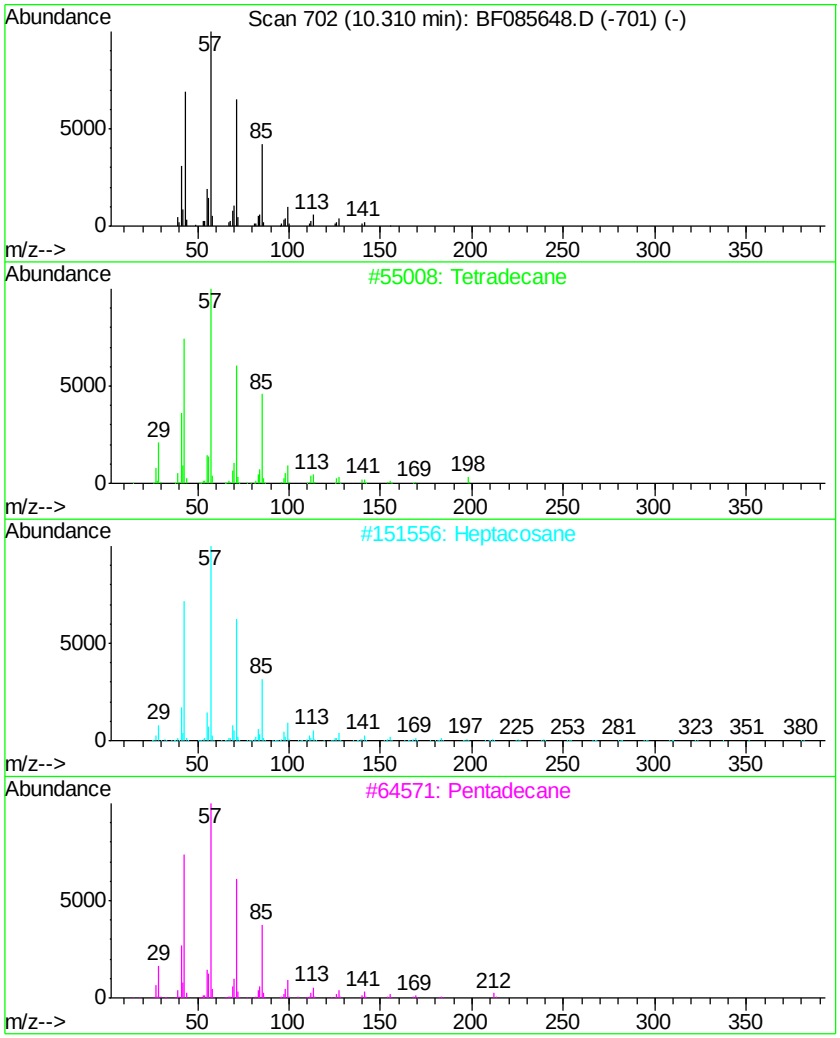
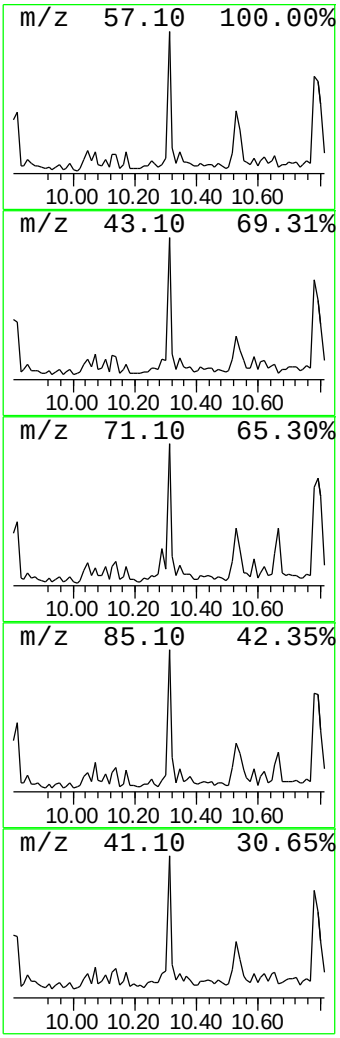
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.02 ng	91835	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Hexadecane	226	C16H34	000544-76-3	83





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ClientSampleId : PJ-SB-12-8.0-9.0

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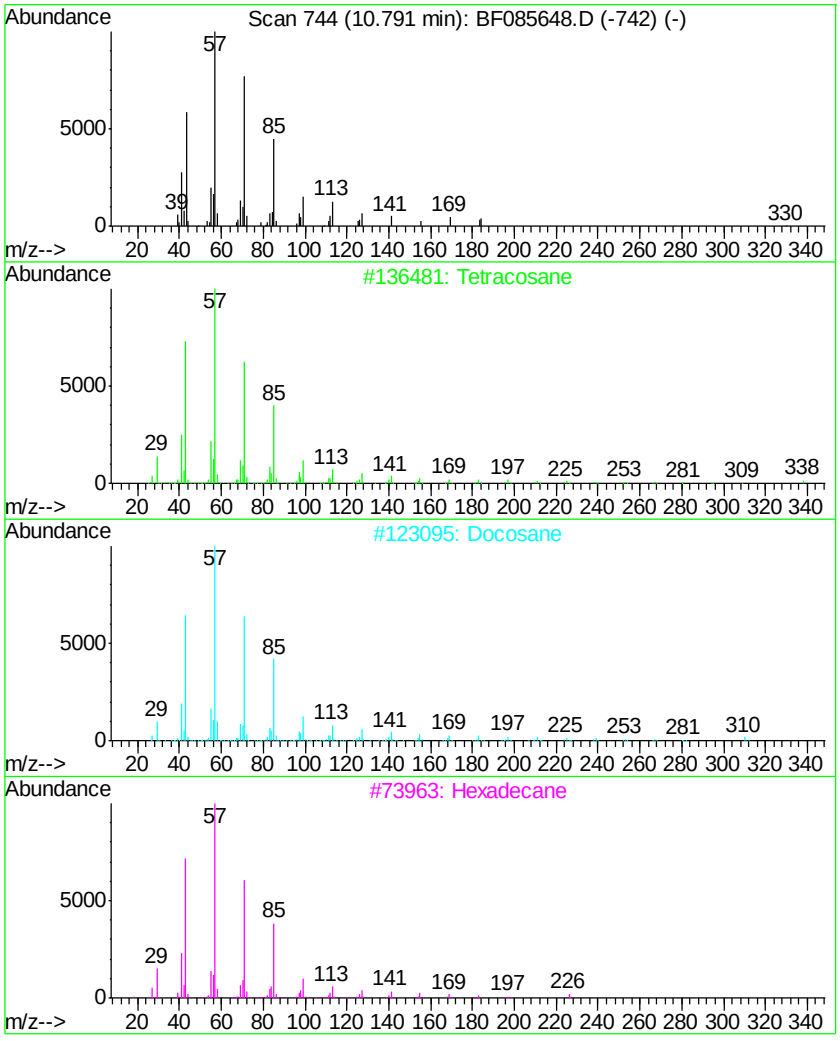
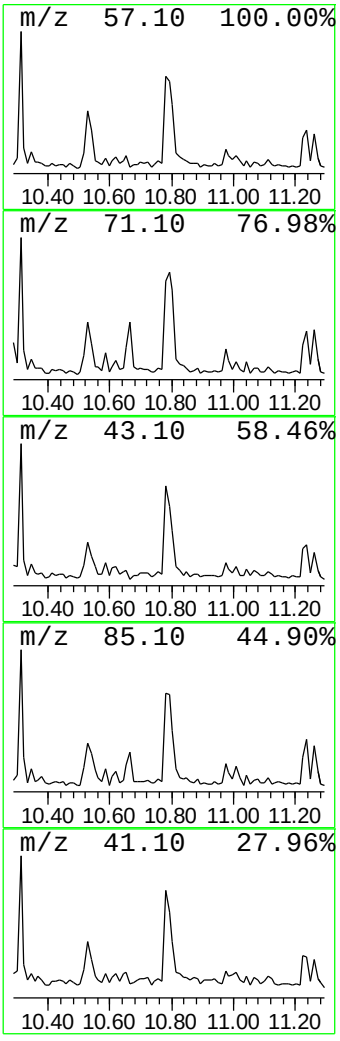
Peak Number 5 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.26 ng	163515	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Docosane	310	C22H46	000629-97-0	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octadecane	254	C18H38	000593-45-3	90





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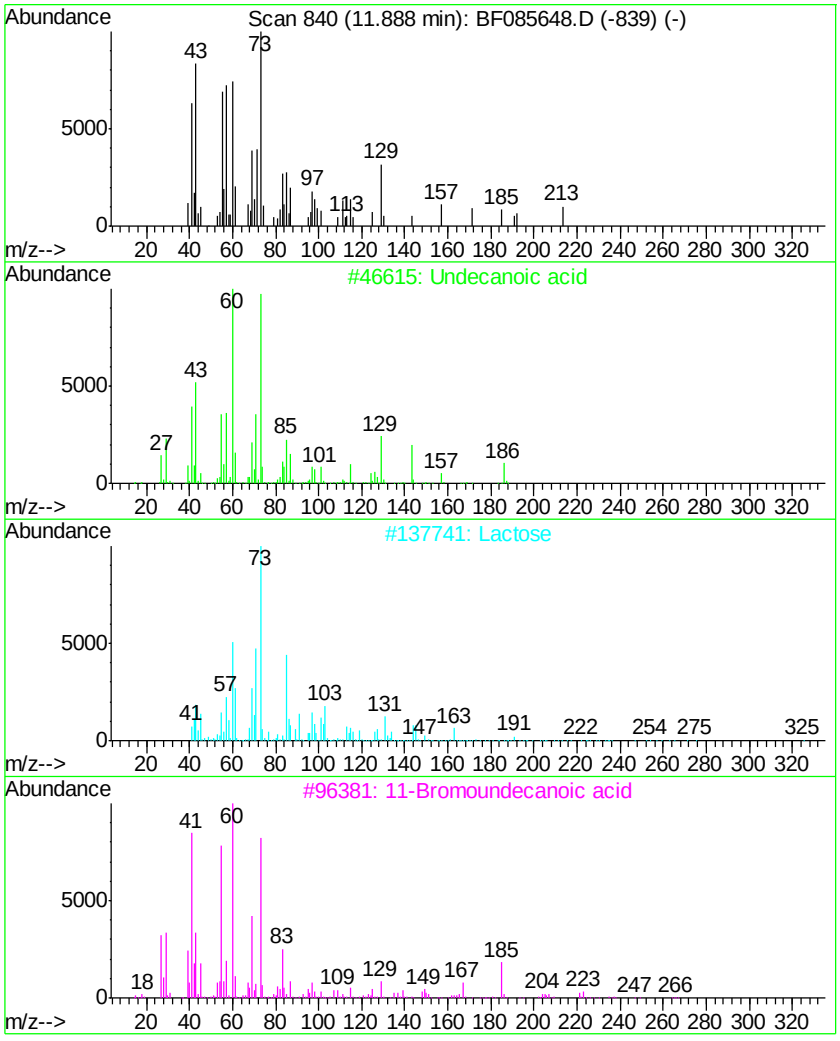
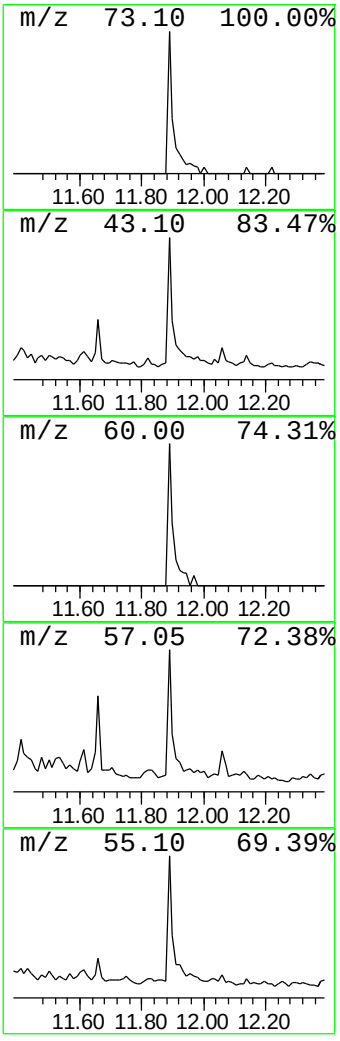
Peak Number 6 unknown11.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.14 ng	81917	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	43
2	Lactose	342	C12H22O11	000063-42-3	35
3	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35
4	Sedoheptulosan	192	C7H12O6	000469-90-9	27
5	Tridecane	184	C13H28	000629-50-5	10





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ClientSampleId : PJ-SB-12-8.0-9.0

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TIC Library : C:\DATABASE\NIST02.L
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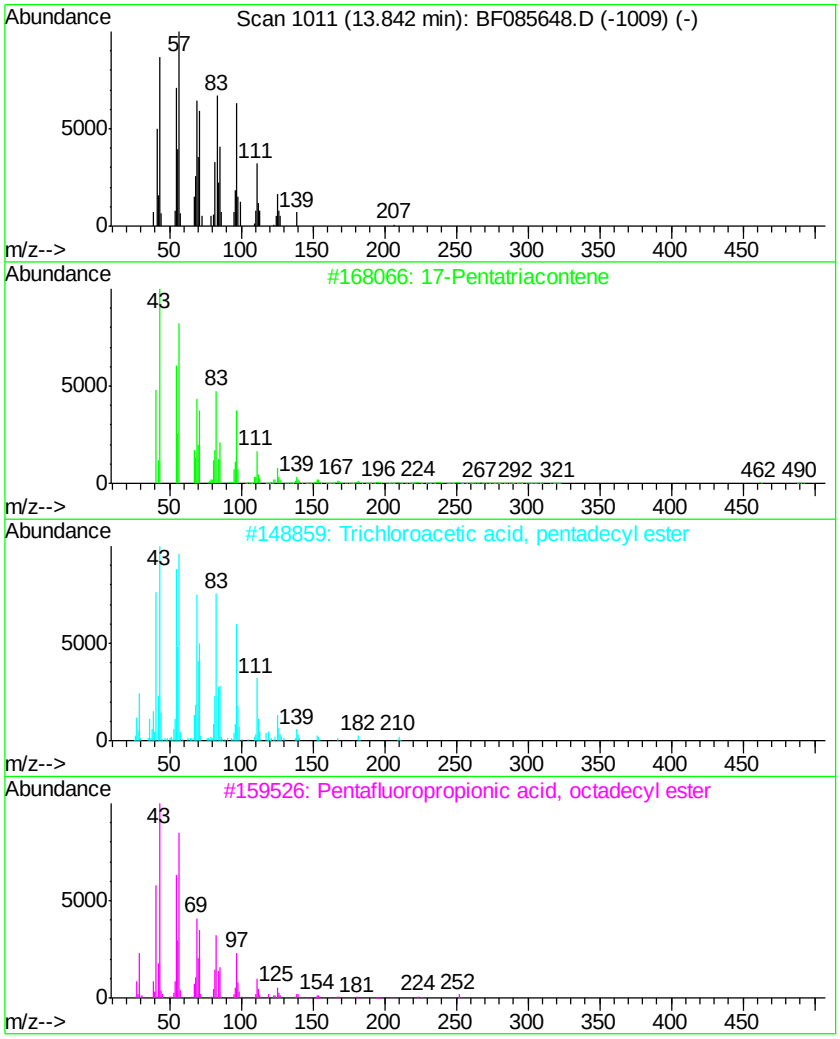
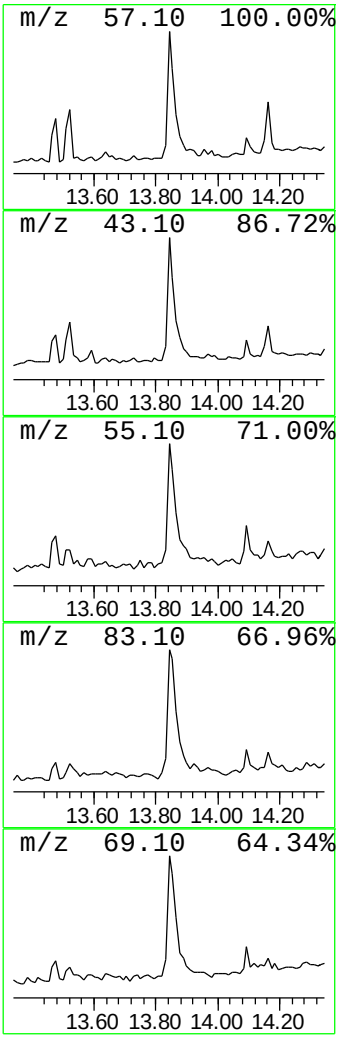
Peak Number 7 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.87 ng	122156	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	86
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	80





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...	5.03	11.9	ng	426200	1	6.84	717579	20.0
unknown6.61	6.61	66.5	ng	2386440	1	6.84	717579	20.0
Tetradecane	10.31	2.0	ng	91835	3	9.88	909556	20.0
Tetracosane	10.79	4.3	ng	163515	4	11.36	766935	20.0
unknown11.89	11.89	2.1	ng	81917	4	11.36	766935	20.0
17-Pentatriacontene	13.84	3.9	ng	122156	5	13.99	630728	20.0