LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087193.D
Acq On : 19 May 2016 18:08
Operator : UM/SJ
Sample : H3143-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-I-76(0-2)

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-BF051716.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	1.713	9	11	43	rVB	2650249	6658432	100.00%	13.094%
2	3.964	206	208	215	rBV	26122	72667	1.09%	0.143%
3	4.696	268	272	290	rBV	1640492	3055248	45.89%	6.008%
4	5.164	310	313	315	rBV	3190860	4597491	69.05%	9.041%
5	5.553	345	347	355	rVB	200064	251941	3.78%	0.495%
6	6.239	404	407	409	rBV	4324702	4916142	73.83%	9.668%
7	6.342	413	416	418	rBV	4718450	4913745	73.80%	9.663%
8	6.559	433	435	441	rVB	690649	1035632	15.55%	2.037%
9	6.719	446	449	452	rBV	3368169	3286108	49.35%	6.462%
10	7.142	483	486	489	rBV	2863609	3024249	45.42%	5.947%
11	7.850	546	548	551	rBV	1362345	1340225	20.13%	2.636%
12	8.936	640	643	645	rBV	4658657	4801344	72.11%	9.442%
13	9.336	676	678	680	rBV	706251	618821	9.29%	1.217%
14	9.542	694	696	698	rBV	87111	121054	1.82%	0.238%
15	9.599	698	701	704	rVV	1696756	1520826	22.84%	2.991%
16	10.045	738	740	742	rVB	224437	180487	2.71%	0.355%
17	10.262	756	759	762	rBV	65370	107583	1.62%	0.212%
18	10.388	768	770	773	rBV	2525208	2773251	41.65%	5.454%
19	10.513	779	781	788	rVB2	242831	305369	4.59%	0.601%
20	10.959	818	820	822	rBV	117551	111253	1.67%	0.219%
21	11.073	828	830	833	rBV	1469465	1368070	20.55%	2.690%
22	12.662	966	969	971	rBV	3752055	3620225	54.37%	7.119%
23	13.577	1046	1049	1058	rBV	61073	194942	2.93%	0.383%
24	13.702	1058	1060	1063	rBV	1152589	1084241	16.28%	2.132%
25	15.051	1175	1178	1181	rBV	763068	890261	13.37%	1.751%

Sum of corrected areas: 50849607

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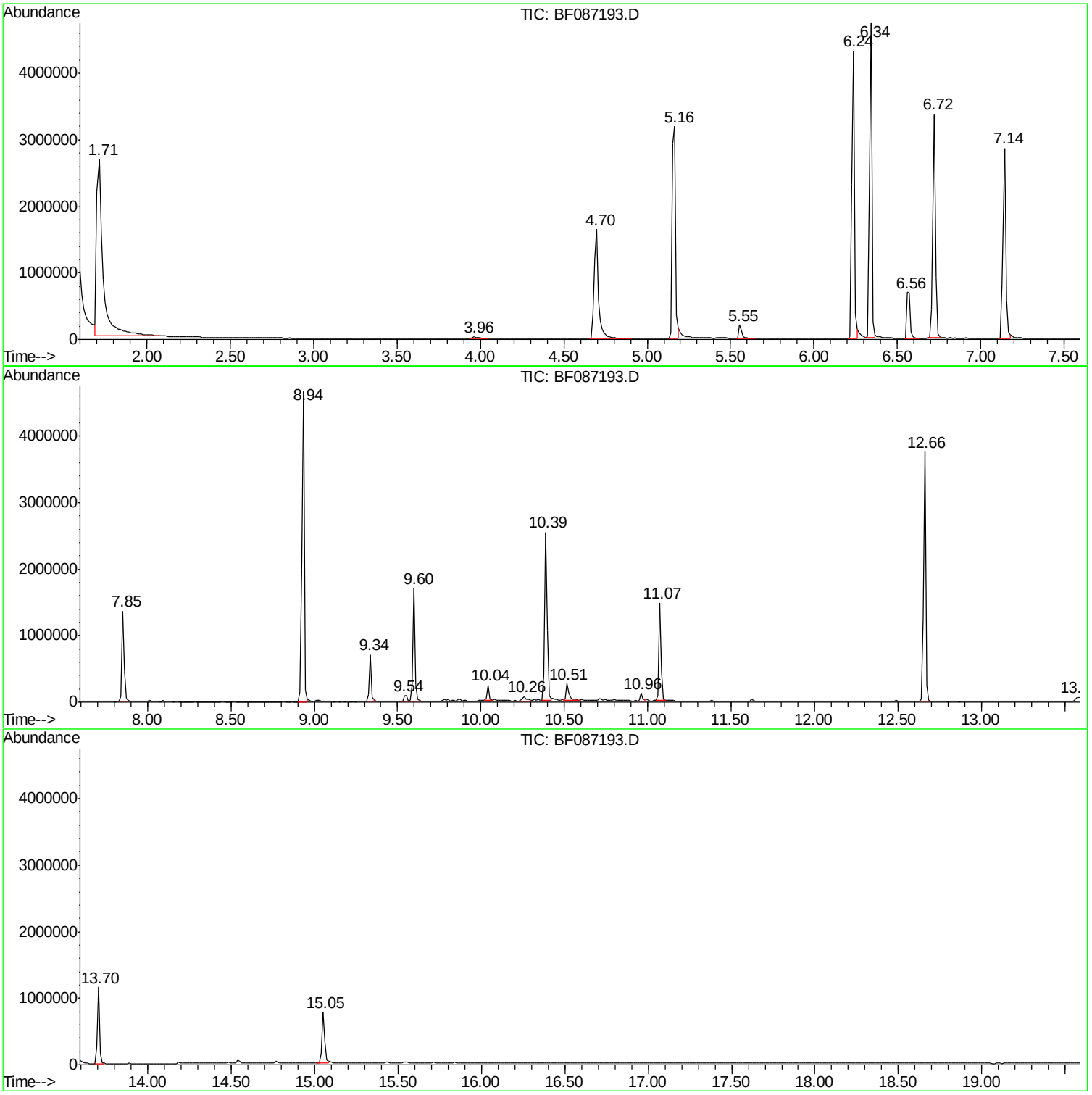
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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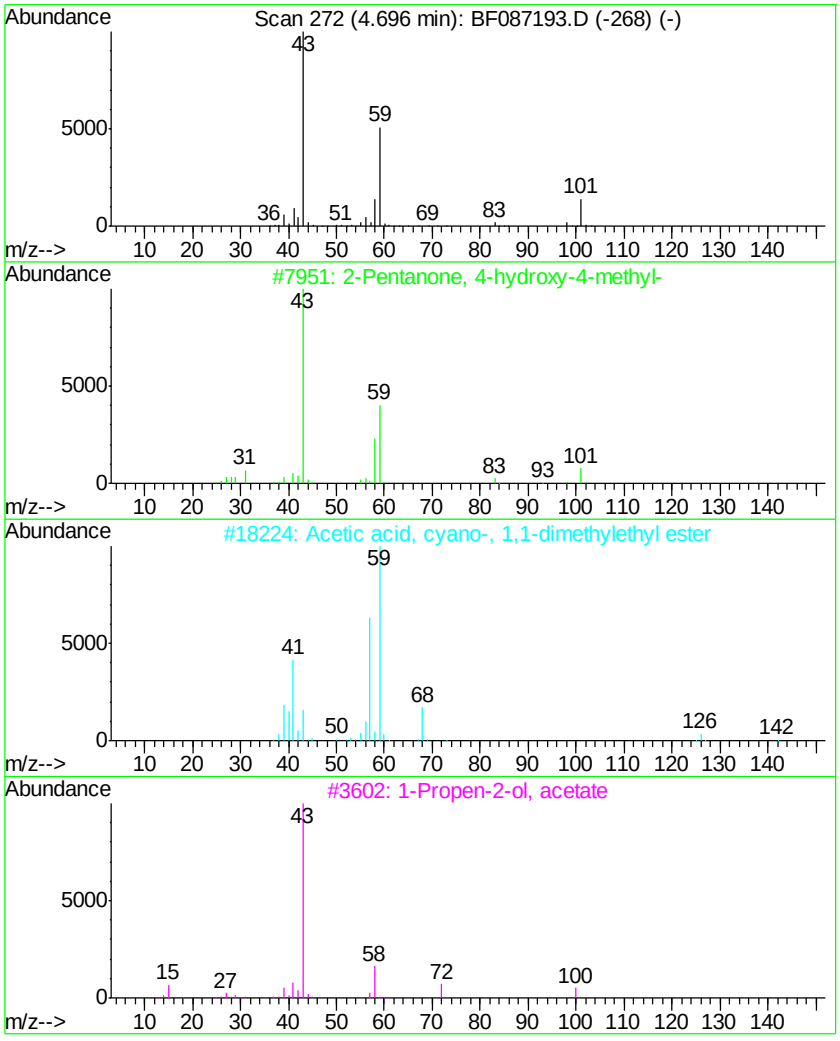
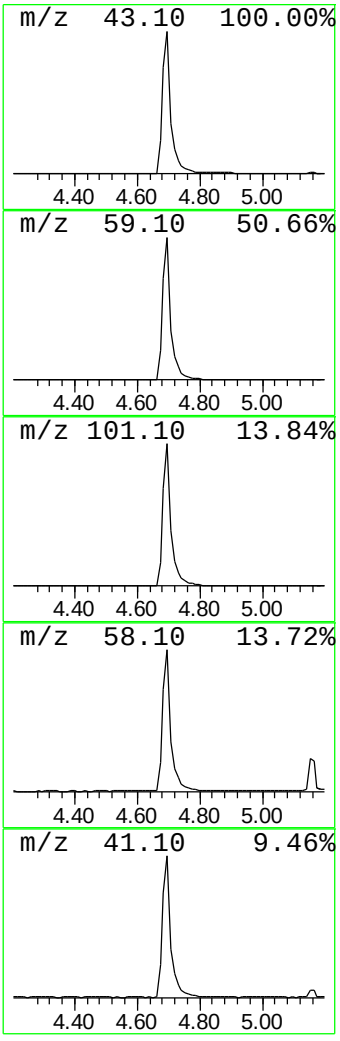
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	59.00 ng	3055250	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 4-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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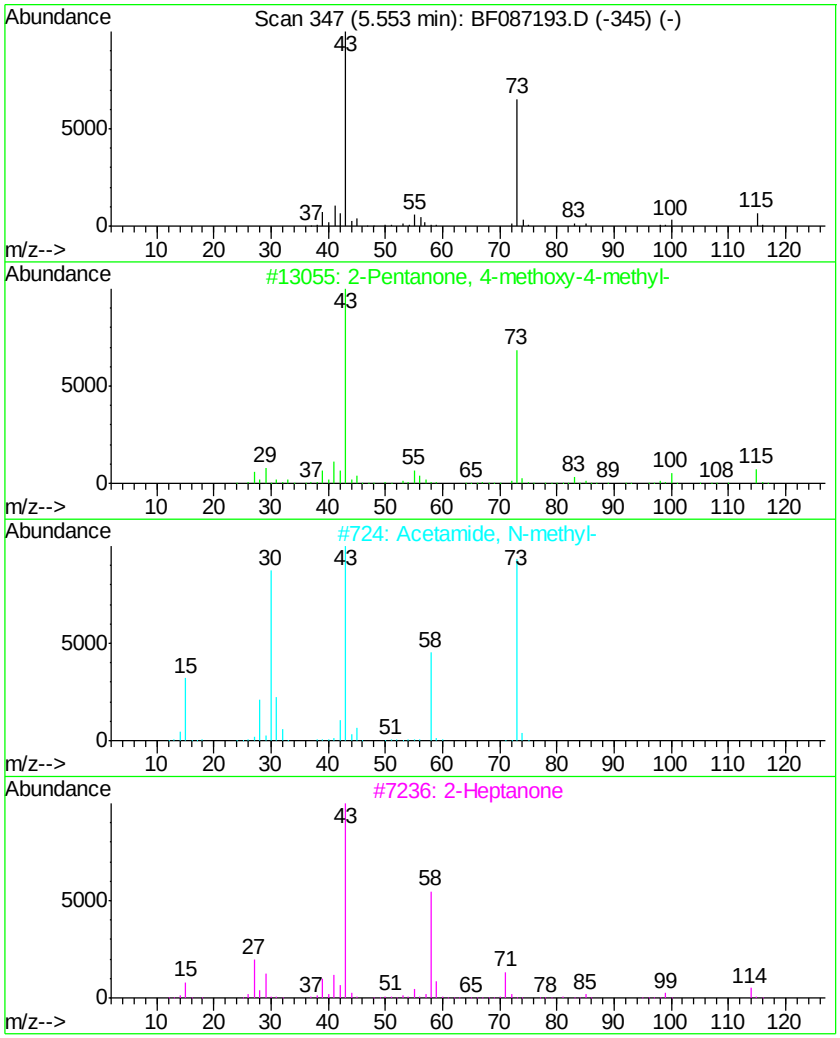
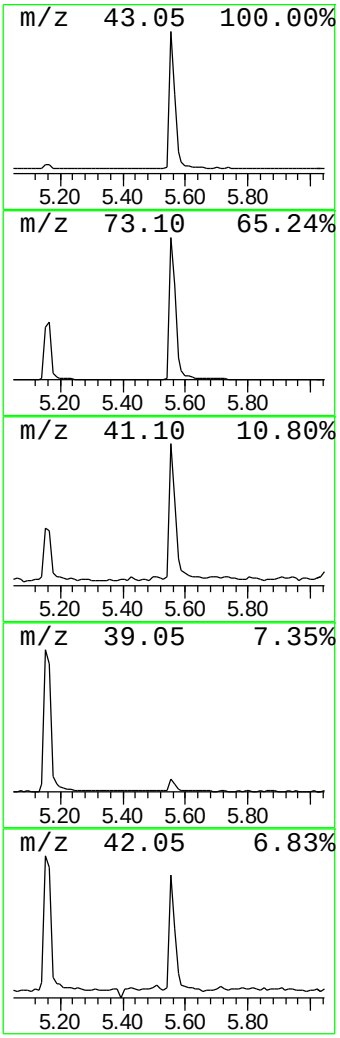
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	4.87 ng	251941	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
3	2-Heptanone	114	C7H14O	000110-43-0	25
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	17
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	9





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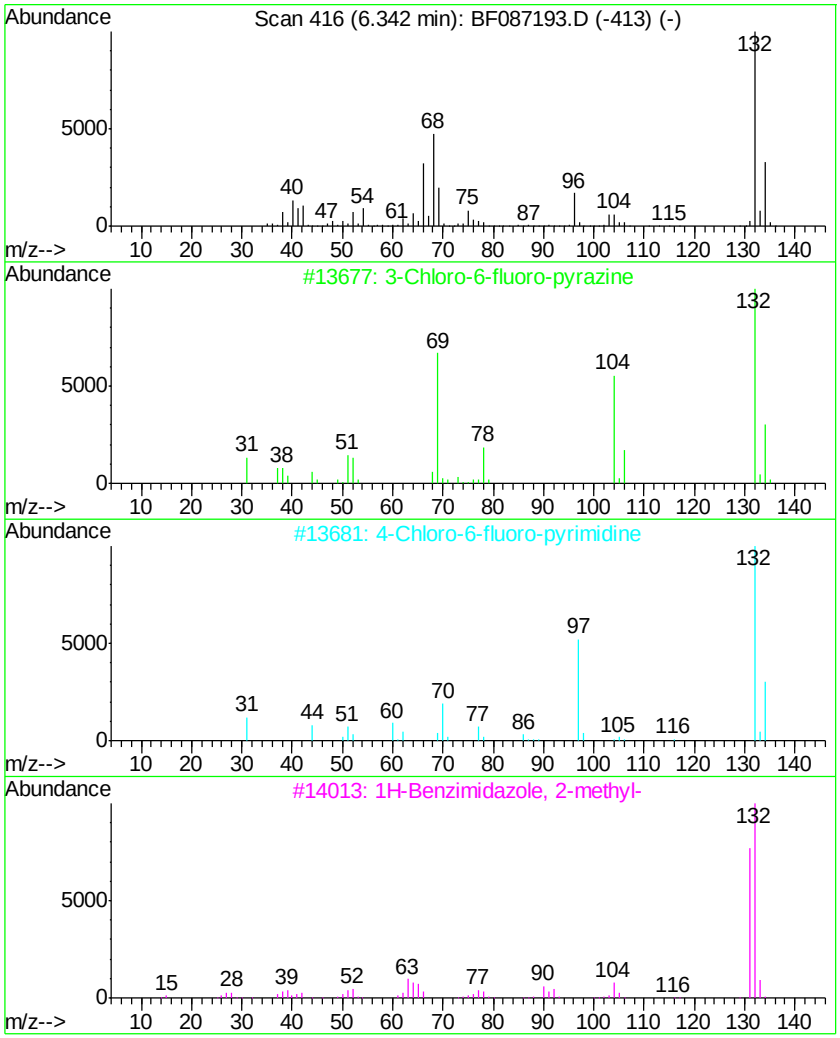
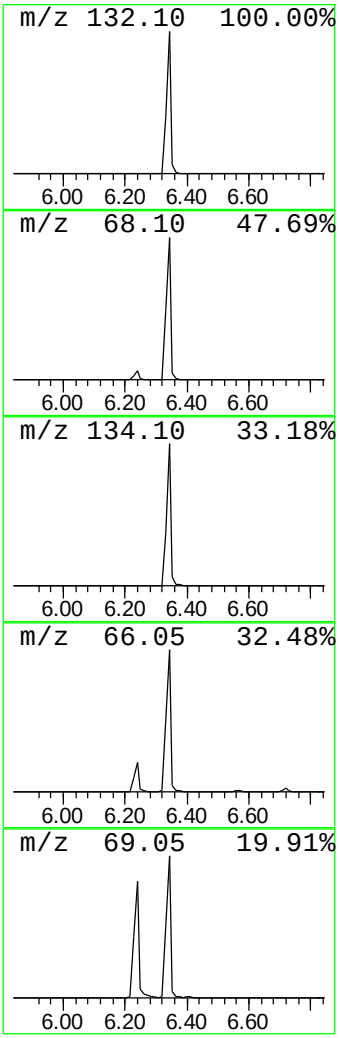
Peak Number 4 unknown6.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	94.89 ng	4913750	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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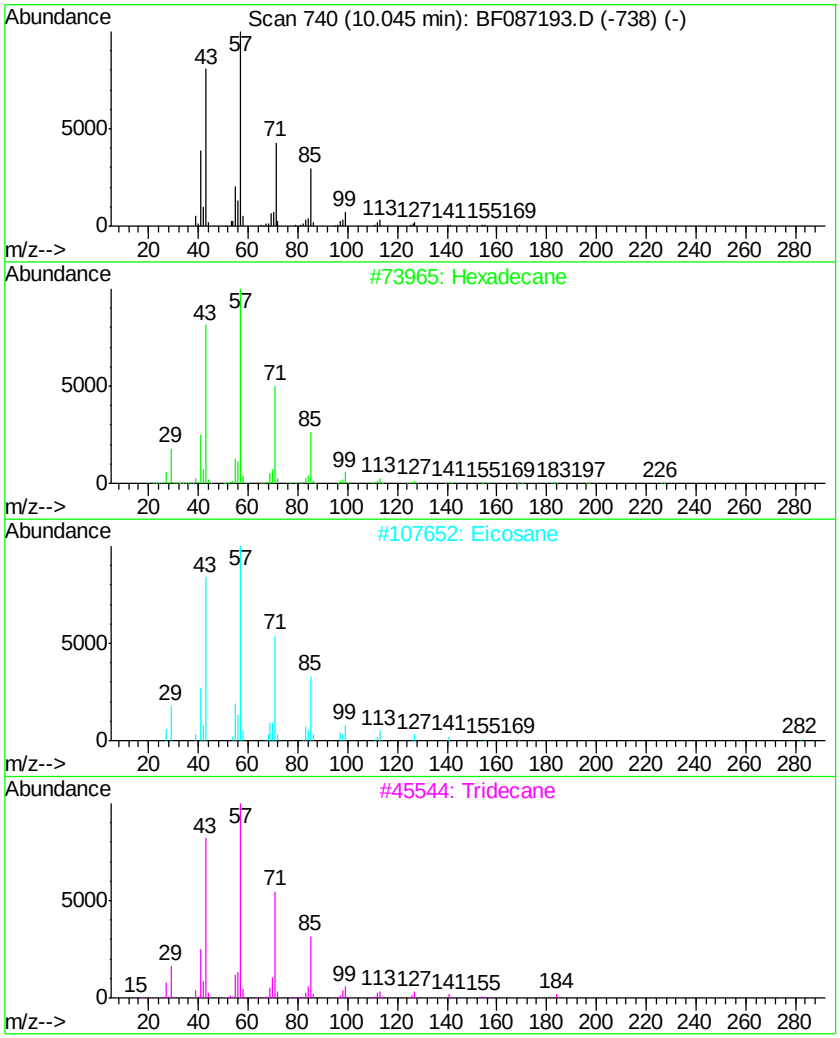
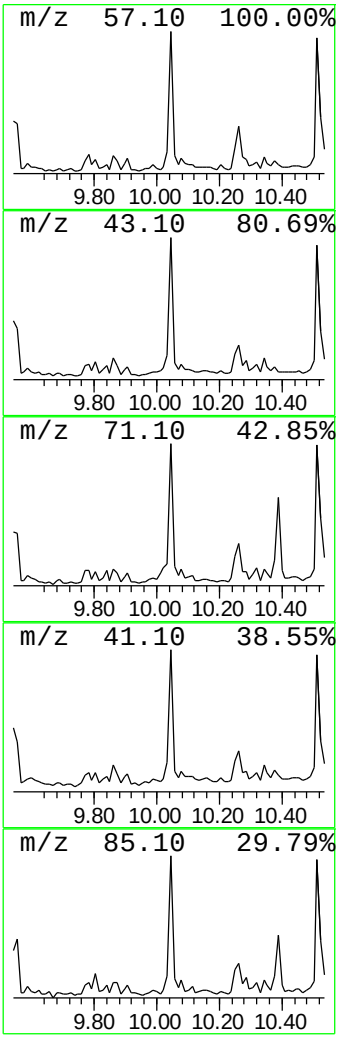
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.37 ng	180487	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86





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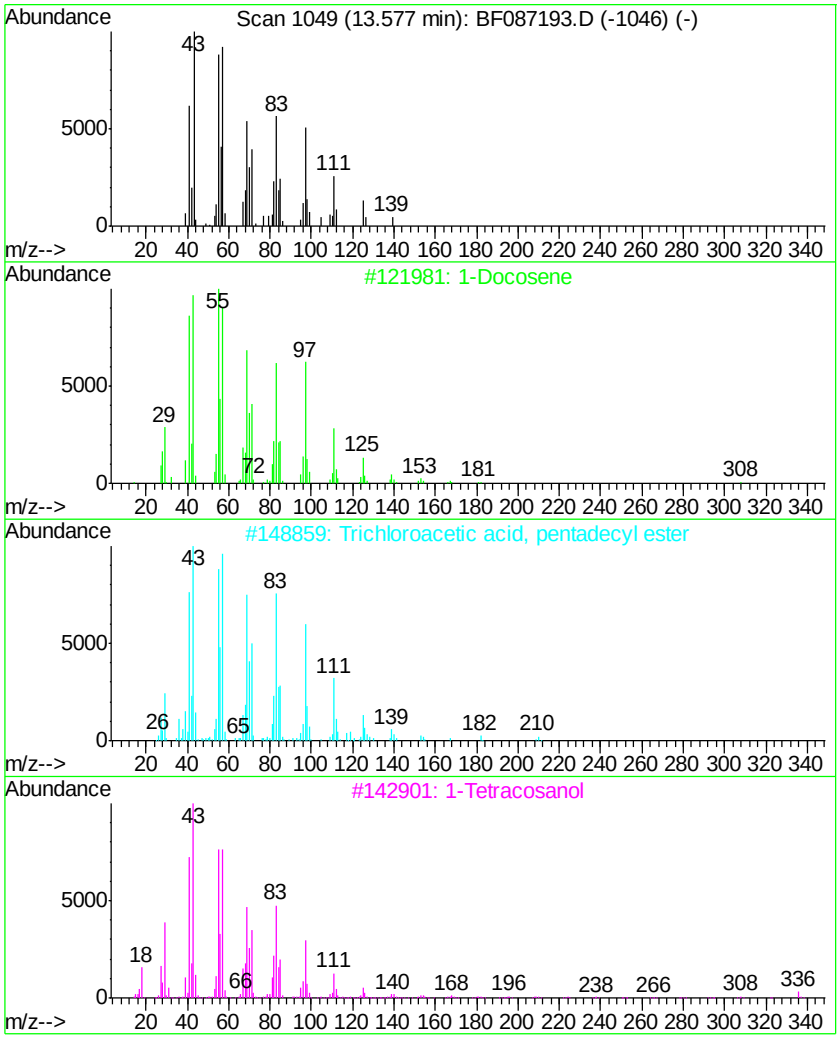
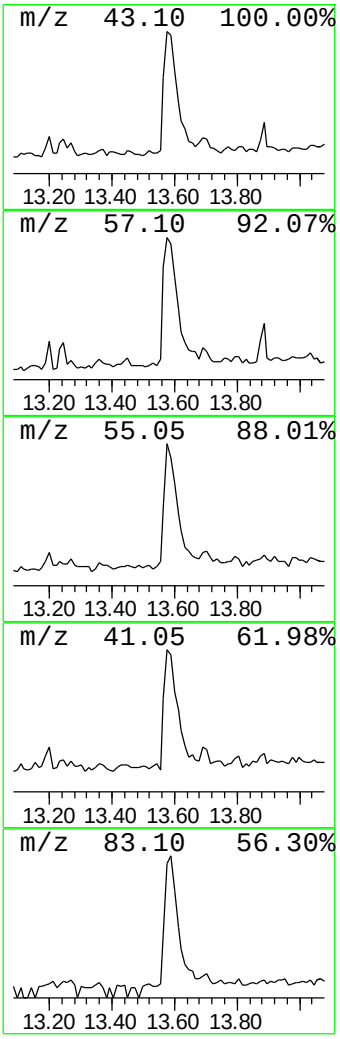
Peak Number 8 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.60 ng	194942	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	11-Tricosene	322	C23H46	052078-56-5	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.70	59.0	ng	3055250	1	6.57	1035630	20.0
2-Pentanone, 4-me...	5.55	4.9	ng	251941	1	6.57	1035630	20.0
unknown6.34	6.34	94.9	ng	4913750	1	6.57	1035630	20.0
Hexadecane	10.04	2.4	ng	180487	3	9.60	1520830	20.0
1-Docosene	13.58	3.6	ng	194942	5	13.70	1084240	20.0