LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086861.D
Acq On : 10 May 2016 15:53
Operator : UM/SJ
Sample : H2912-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEDAR-HILL-TF-PS-002

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-BF050916.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	4.841	239	241	249	rBV	369045	612482	12.66%	1.462%
2	5.287	277	280	282	rBV	2940668	4109879	84.93%	9.808%
3	5.687	313	315	326	rVB	48642	79546	1.64%	0.190%
4	6.339	370	372	375	rBV	3403906	4140904	85.58%	9.882%
5	6.453	380	382	385	rBV	3986227	4035348	83.39%	9.631%
6	6.682	400	402	409	rBV	1124344	1059132	21.89%	2.528%
7	6.842	413	416	418	rBV	3071006	3387945	70.01%	8.085%
8	7.253	450	452	455	rBV	2686233	2753331	56.90%	6.571%
9	7.973	512	515	517	rBV	1025648	1300889	26.88%	3.105%
10	9.048	606	609	612	rBV	4491149	4588292	94.82%	10.950%
11	9.448	642	644	648	rBV	351529	306148	6.33%	0.731%
12	9.722	665	668	670	rBV	1341512	1535814	31.74%	3.665%
13	10.133	697	704	705	rBV	44793	65317	1.35%	0.156%
14	10.156	705	706	708	rVB	99231	81066	1.68%	0.193%
15	10.373	722	725	728	rBV	33660	59915	1.24%	0.143%
16	10.511	734	737	739	rBV	3190159	3394364	70.15%	8.101%
17	10.625	745	747	752	rVB	132985	177898	3.68%	0.425%
18	11.071	784	786	792	rVB	115753	167624	3.46%	0.400%
19	11.196	795	797	799	rBV	1798196	1552159	32.08%	3.704%
20	11.505	822	824	826	rVB	49349	68823	1.42%	0.164%
21	11.745	843	845	855	rBV2	129790	210240	4.34%	0.502%
22	12.785	933	936	938	rBV	4541924	4838909	100.00%	11.548%
23	13.699	1012	1016	1024	rBV	170535	541142	11.18%	1.291%
24	13.825	1024	1027	1029	rBV	1366659	1374928	28.41%	3.281%
25	14.660	1098	1100	1103	rBV	315813	279034	5.77%	0.666%
26	15.197	1144	1147	1150	rBV	943659	1106587	22.87%	2.641%
27	15.711	1187	1192	1198	rBV4	18070	73961	1.53%	0.177%

Sum of corrected areas: 41901677

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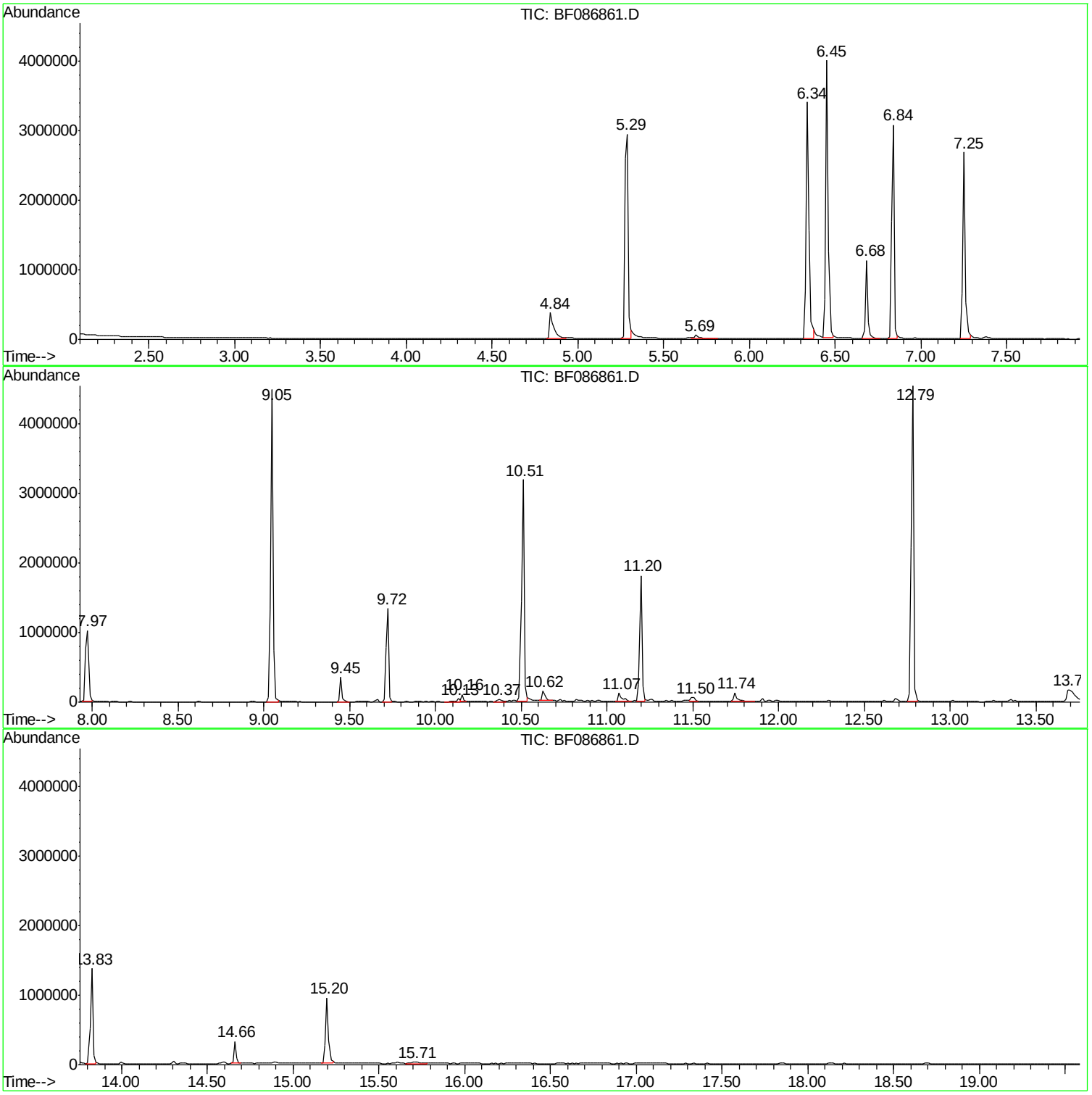
CEDAR-HILL-TF-PS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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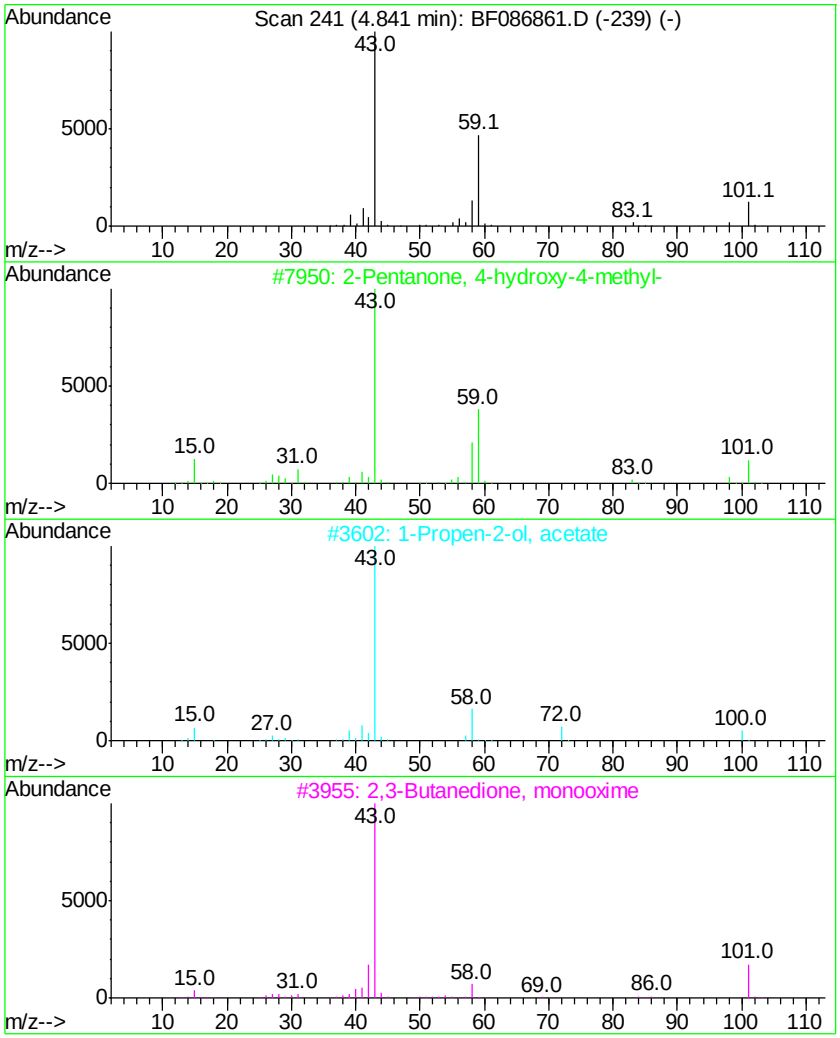
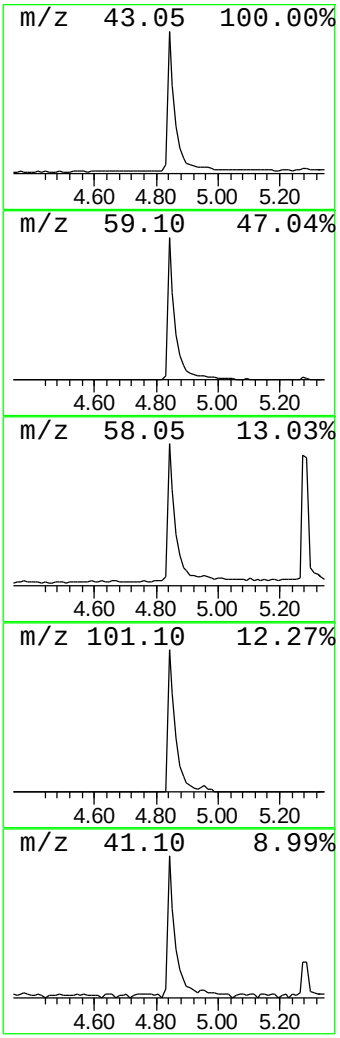
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	11.57 ng	612482	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Butane	58	C4H10	000106-97-8	9





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ClientSampleId : CEDAR-HILL-TF-PS-002

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TIC Library : C:\DATABASE\NIST02.L
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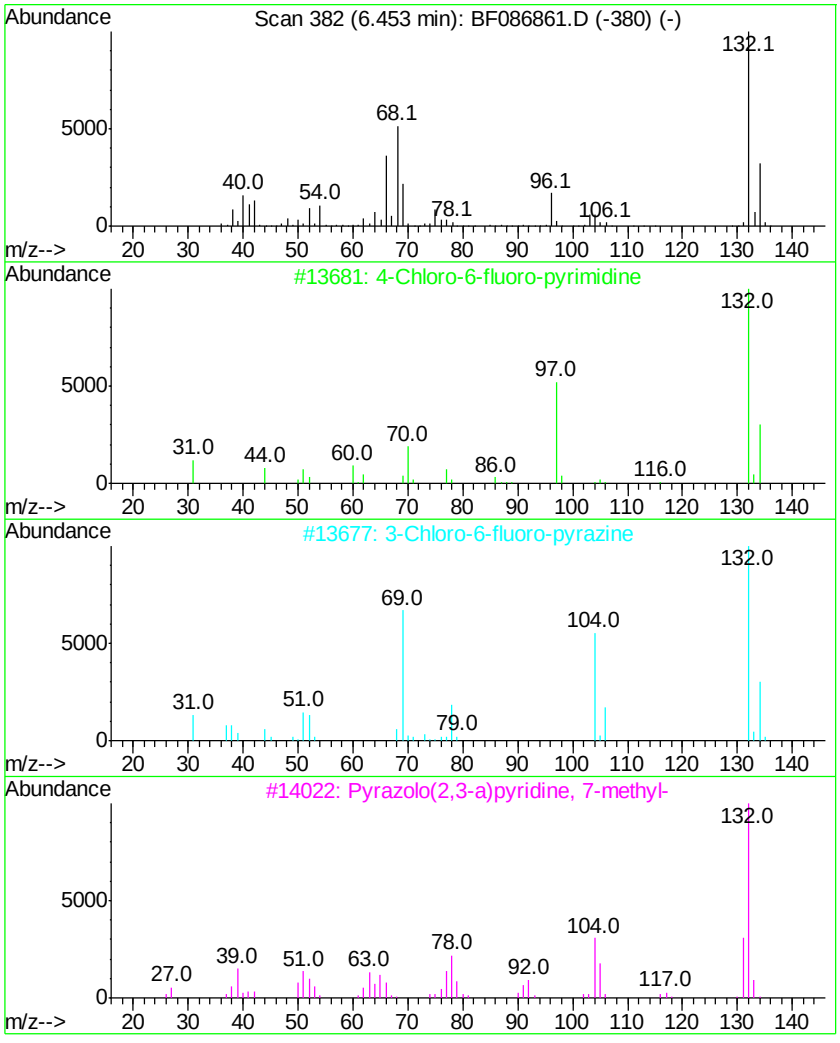
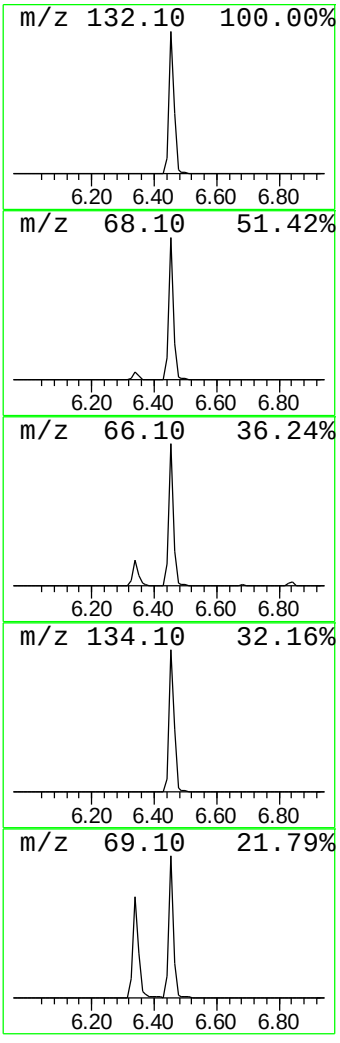
Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	76.20 ng	4035350	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





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Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-002

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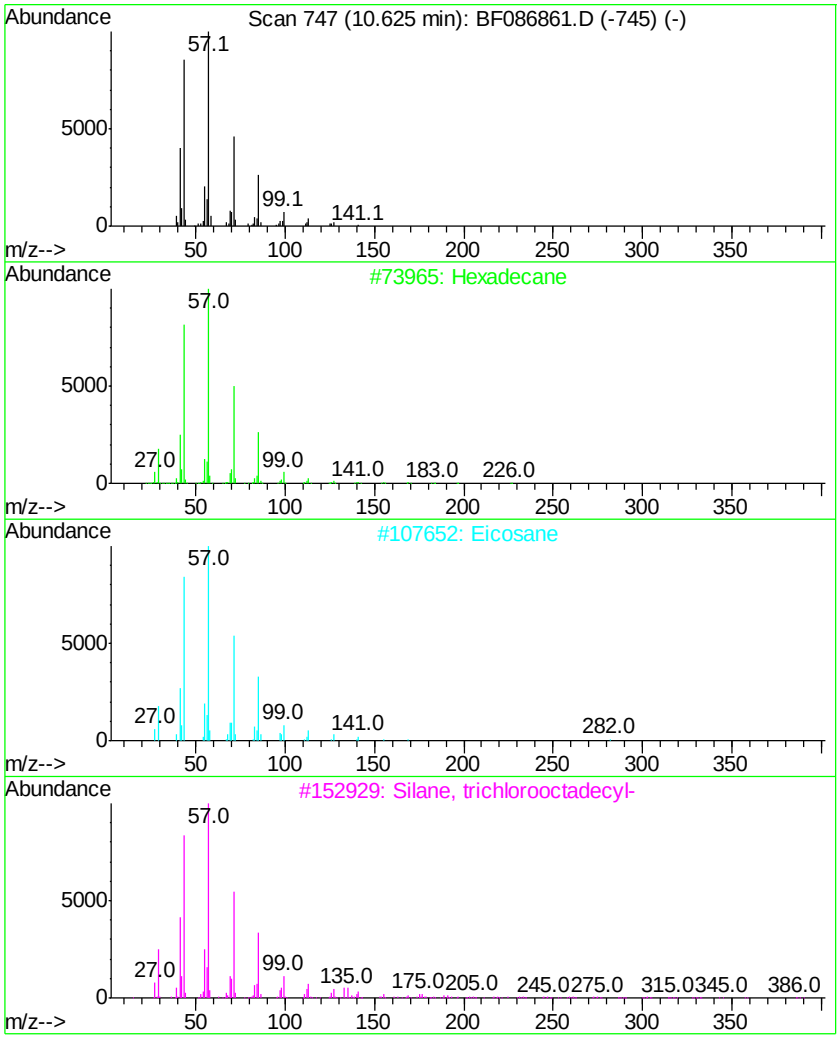
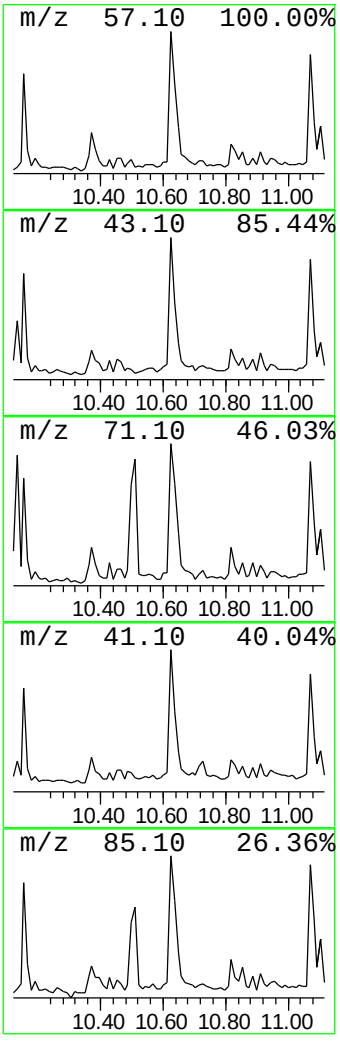
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.29 ng	177898	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Octadecane	254	C18H38	000593-45-3	86





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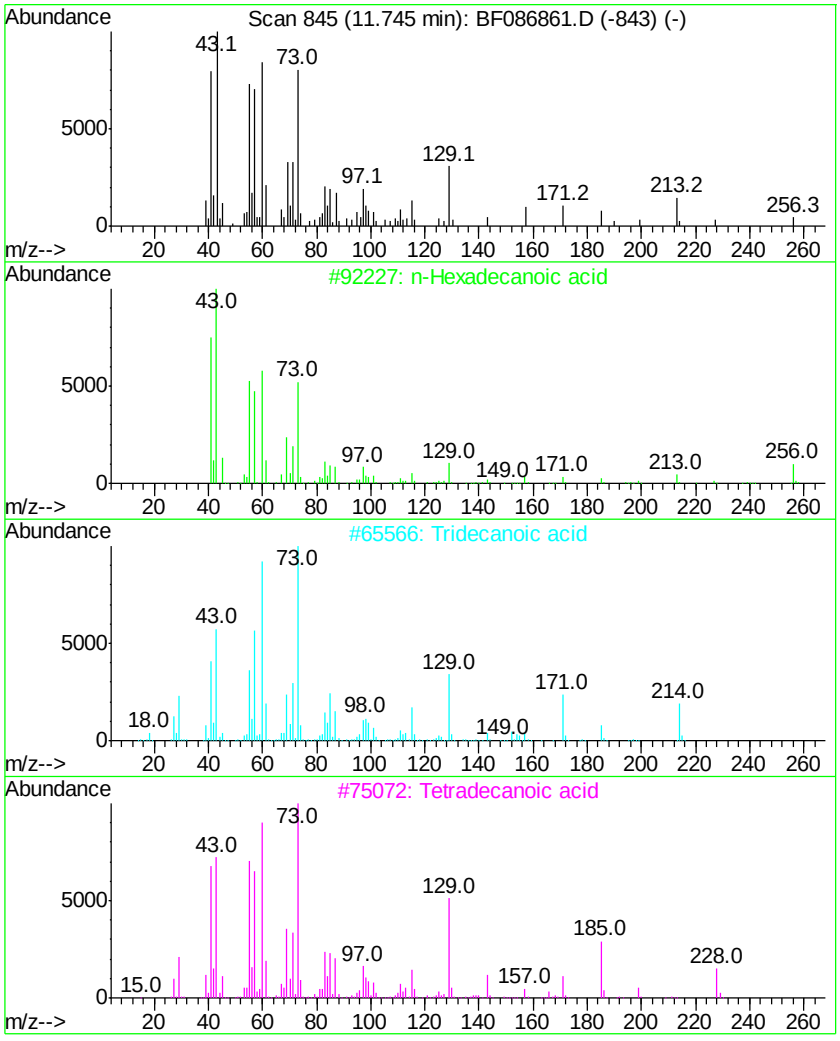
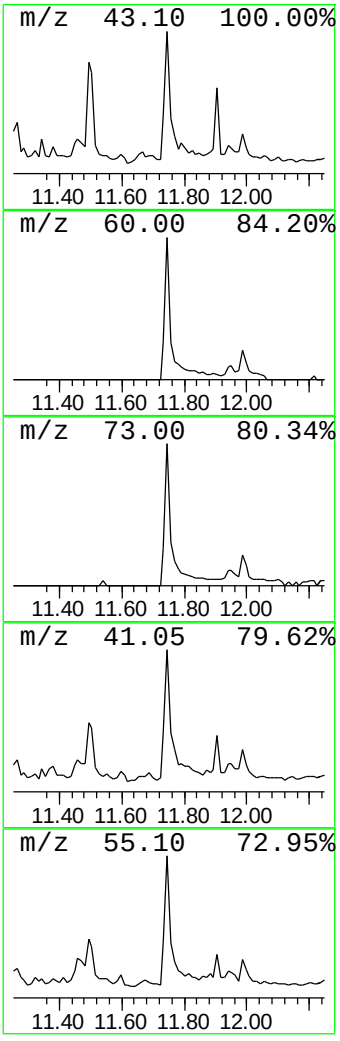
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.71 ng	210240	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Octanoic Acid	144	C8H16O2	000124-07-2	38





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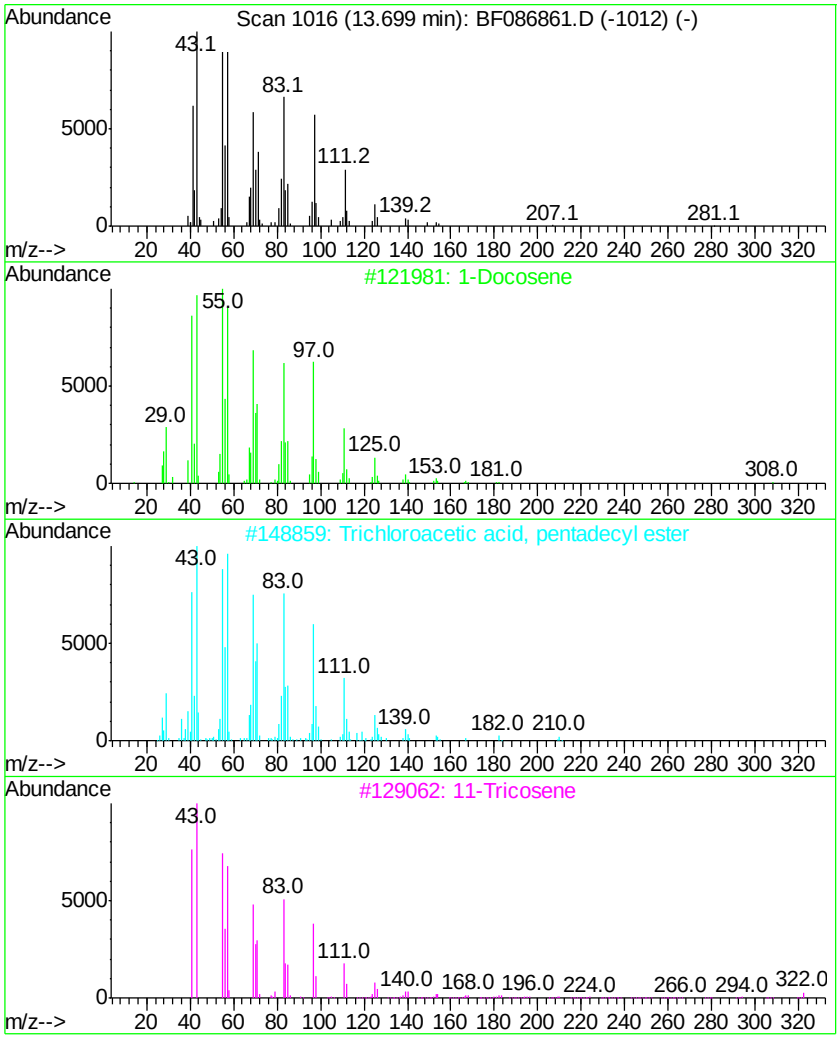
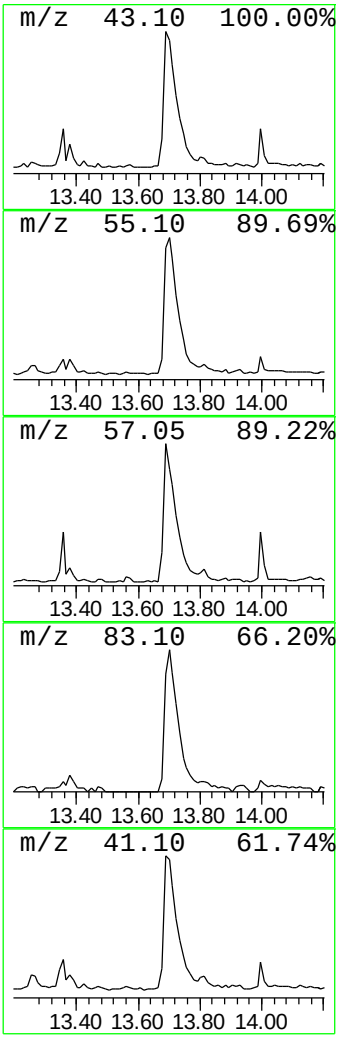
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	7.87 ng	541142	Chrysene-d12	13.83

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	11-Tricosene	322	C23H46	052078-56-5	90
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
5	1-Nonadecene	266	C19H38	018435-45-5	87





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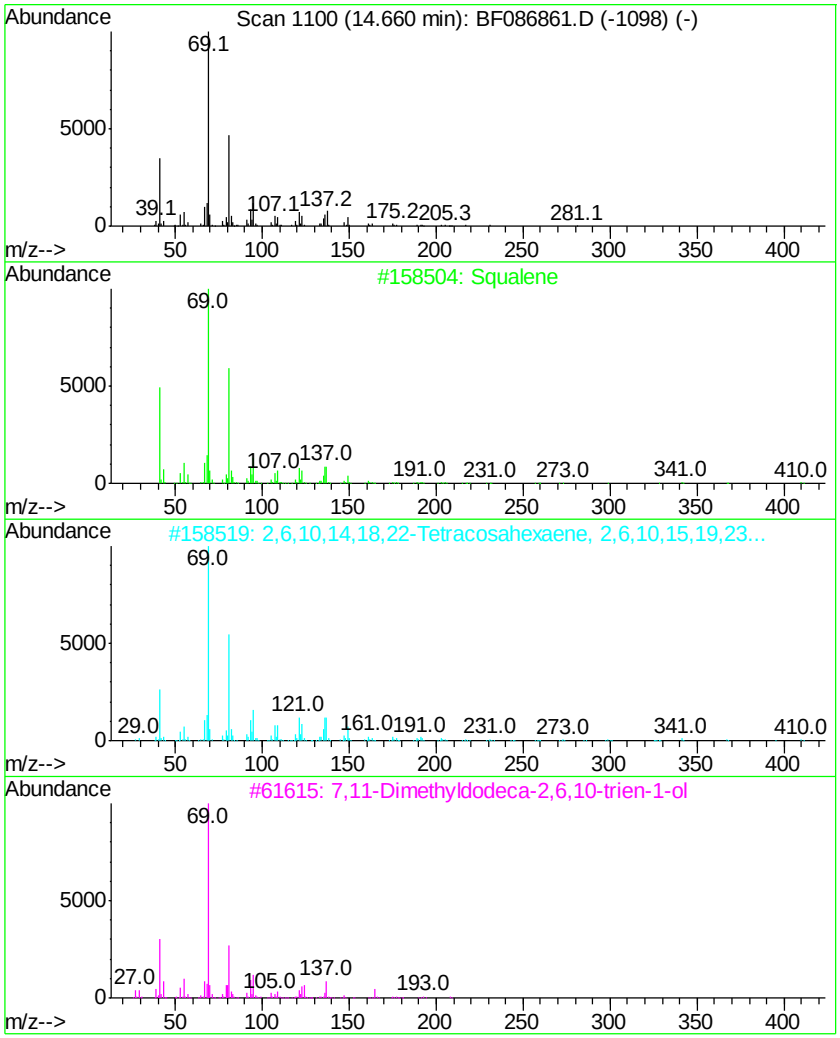
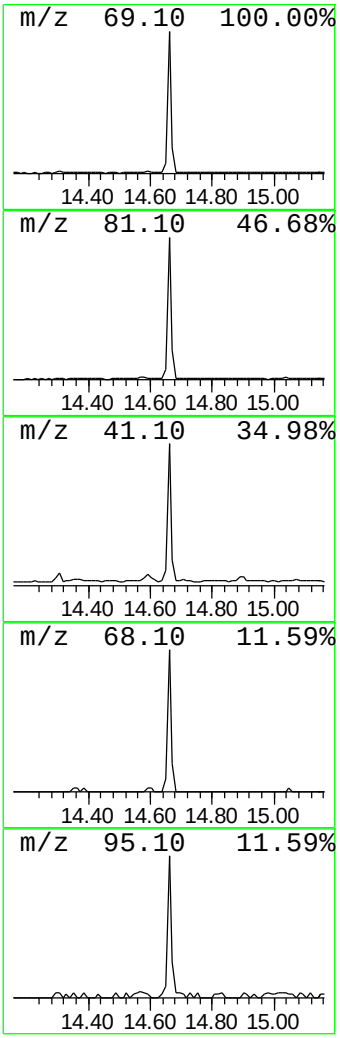
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.04 ng	279034	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	56





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...	4.84	11.6	ng	612482	1	6.68	1059130	20.0
unknown6.45	6.45	76.2	ng	4035350	1	6.68	1059130	20.0
Hexadecane	10.62	2.3	ng	177898	4	11.20	1552160	20.0
n-Hexadecanoic acid	11.75	2.7	ng	210240	4	11.20	1552160	20.0
1-Docosene	13.70	7.9	ng	541142	5	13.83	1374930	20.0
Squalene	14.66	5.0	ng	279034	6	15.20	1106590	20.0