LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086862.D
Acq On : 10 May 2016 16:22
Operator : UM/SJ
Sample : H2912-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEDAR-HILL-TF-PS-003

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	238	241	249	rBV	329207	593627	13.70%	1.570%
2	5.276	277	279	282	rBV	2760306	3449190	79.59%	9.119%
3	5.687	313	315	323	rVB	40806	63968	1.48%	0.169%
4	6.339	369	372	380	rBV	3418919	3776532	87.14%	9.985%
5	6.453	380	382	385	rBV	3757961	3630888	83.78%	9.600%
6	6.682	400	402	409	rVB	1129989	1048248	24.19%	2.772%
7	6.842	413	416	418	rBV	2637007	3002549	69.28%	7.939%
8	7.253	449	452	454	rBV	2561319	2441818	56.34%	6.456%
9	7.973	512	515	517	rBV	1079064	1317650	30.40%	3.484%
10	9.047	606	609	612	rBV	4248830	4084856	94.25%	10.800%
11	9.448	642	644	648	rBV	520439	468688	10.81%	1.239%
12	9.665	660	663	665	rBV	83621	90978	2.10%	0.241%
13	9.722	665	668	670	rBV	1455115	1561464	36.03%	4.128%
14	9.893	679	683	686	rBV2	21753	48710	1.12%	0.129%
15	10.156	705	706	708	rVB	195636	160880	3.71%	0.425%
16	10.373	722	725	729	rBV	61096	114994	2.65%	0.304%
17	10.510	734	737	739	rBV	2796277	3000778	69.24%	7.934%
18	10.625	745	747	752	rVB	184389	246077	5.68%	0.651%
19	11.071	785	786	792	rVB2	76484	124800	2.88%	0.330%
20	11.196	795	797	800	rBV	1756878	1545659	35.66%	4.087%
21	12.785	933	936	938	rBV	4014663	4333875	100.00%	11.459%
22	13.711	1012	1017	1024	rBV2	66847	242674	5.60%	0.642%
23	13.825	1024	1027	1029	rBV	1352694	1355415	31.27%	3.584%
24	14.659	1098	1100	1102	rBV	61211	59769	1.38%	0.158%
25	15.197	1144	1147	1156	rBV	849808	1058173	24.42%	2.798%

Sum of corrected areas: 37822260

LSC Report - Integrated Chromatogram

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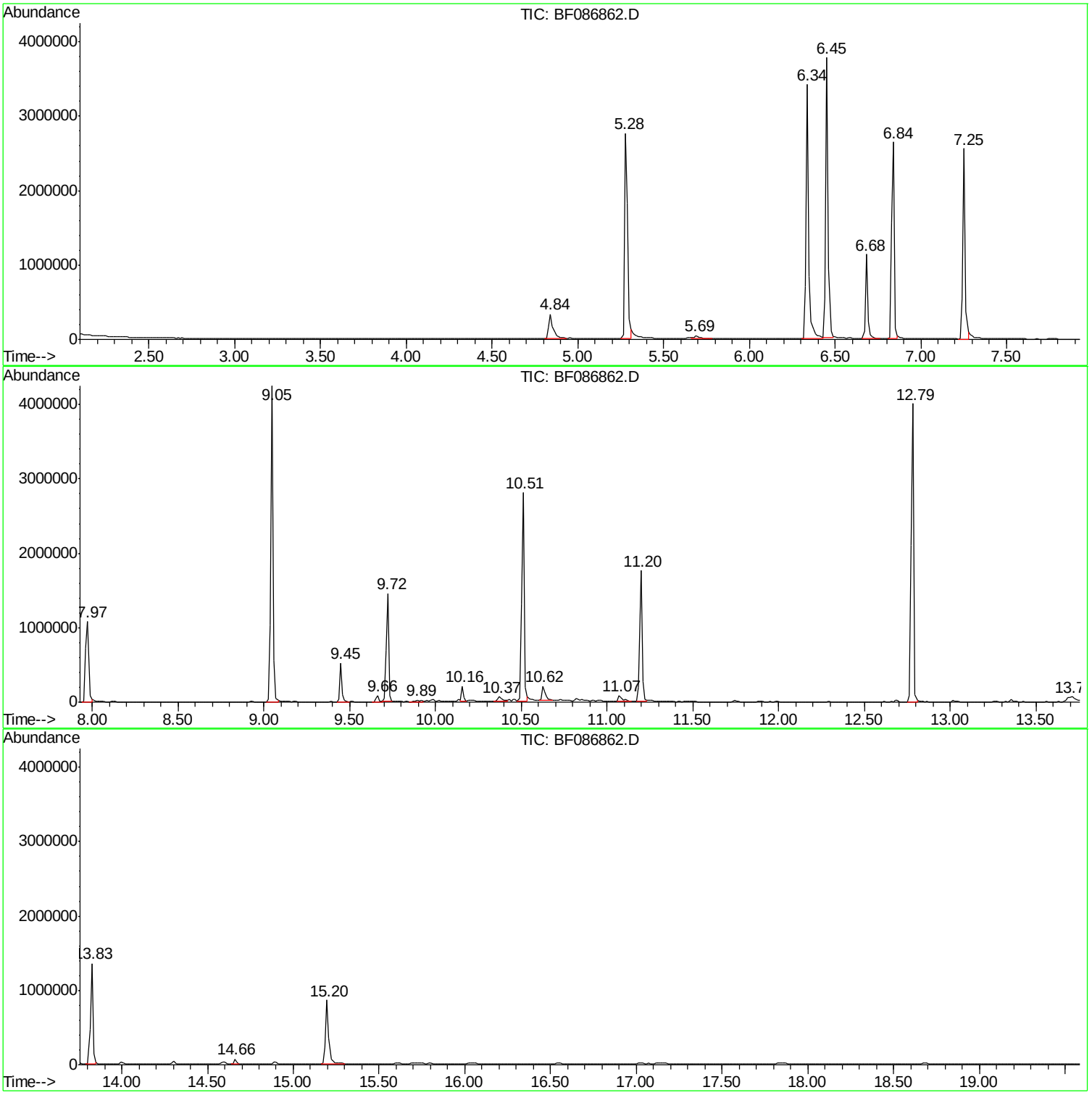
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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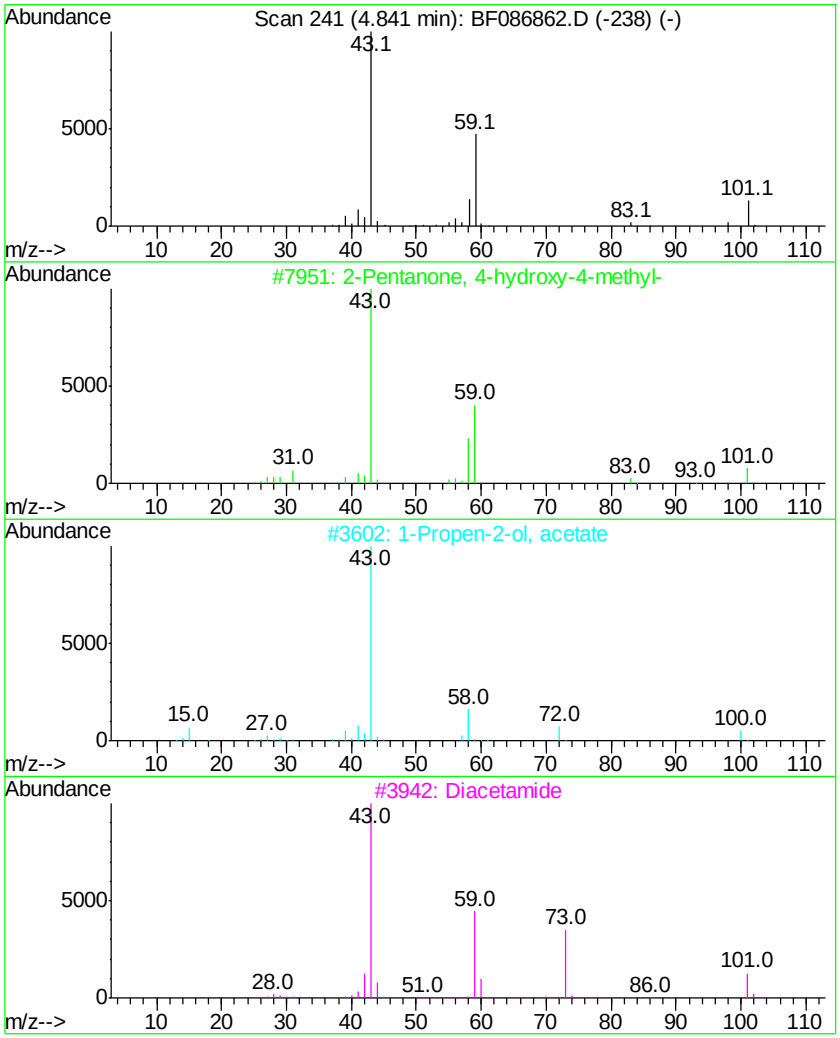
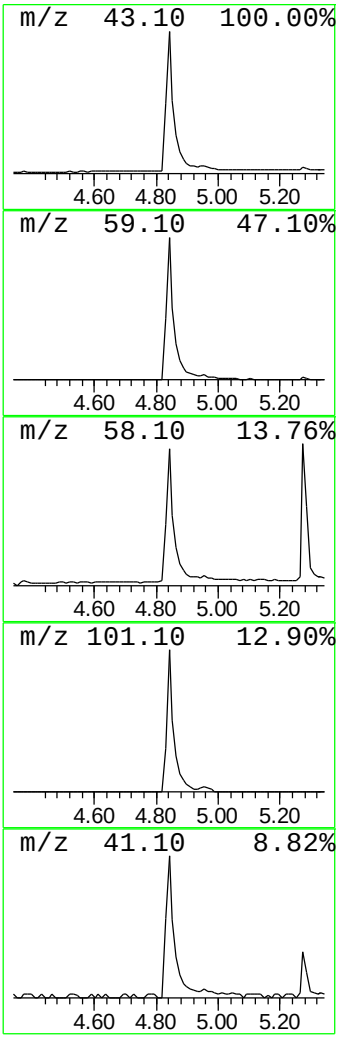
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	11.33 ng	593627	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	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-003

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

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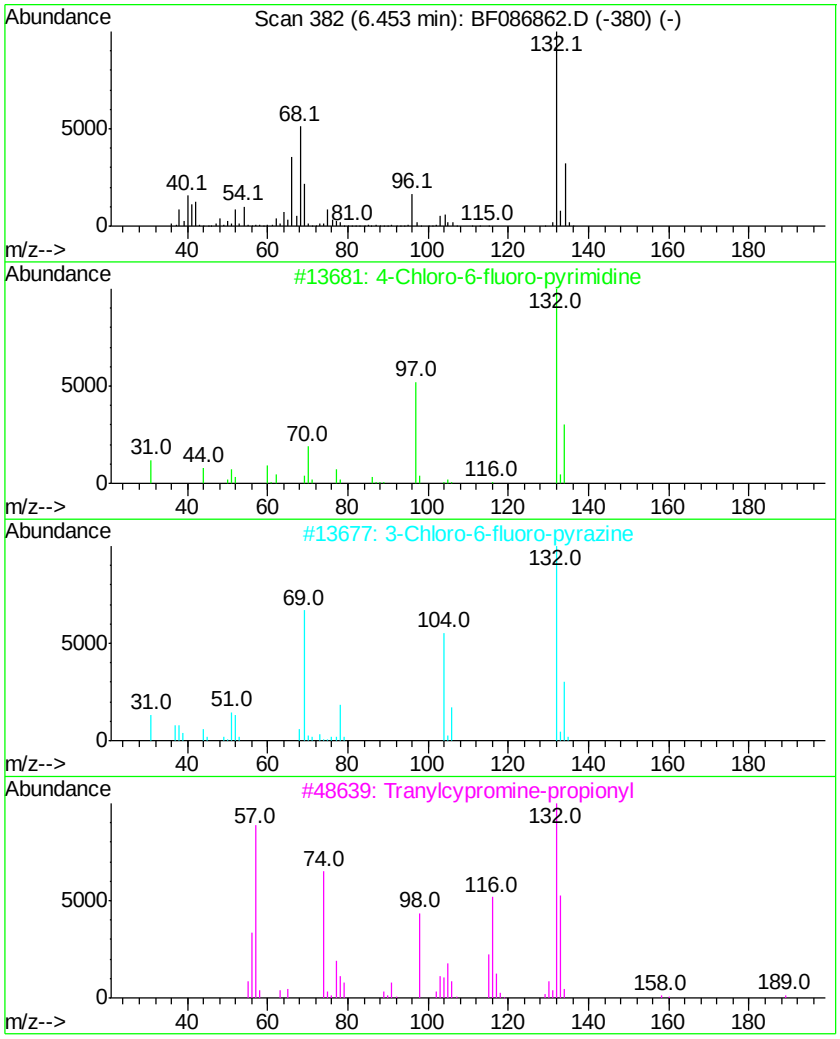
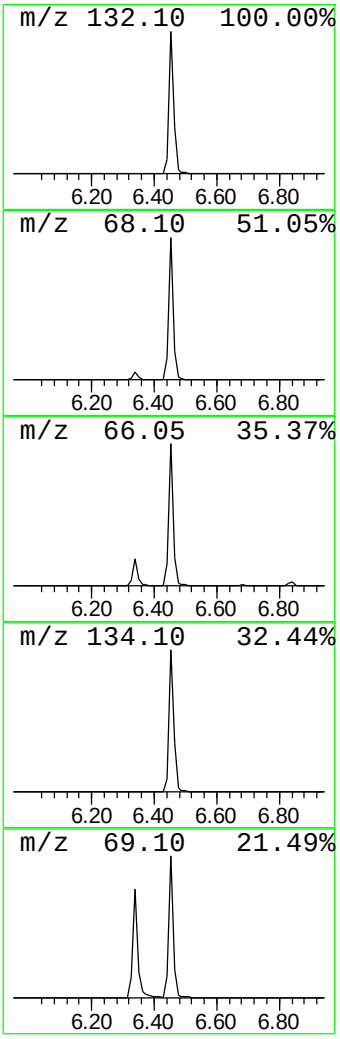
Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	69.28 ng	3630890	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Misc :
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Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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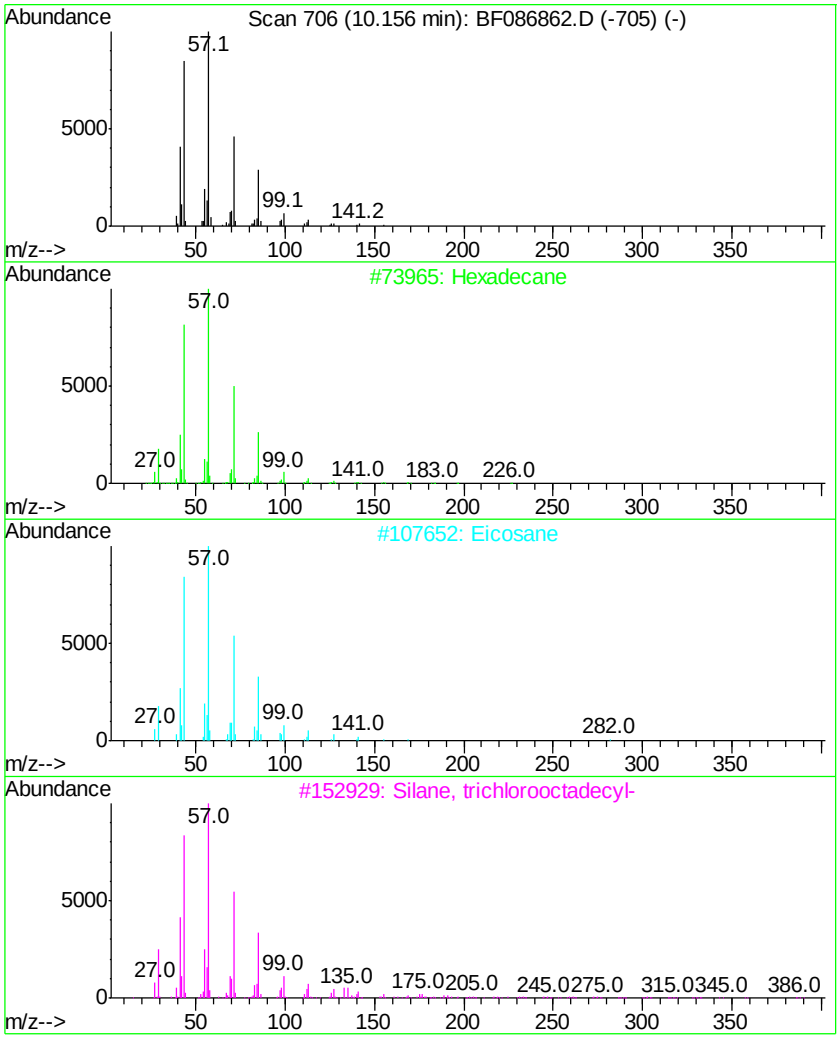
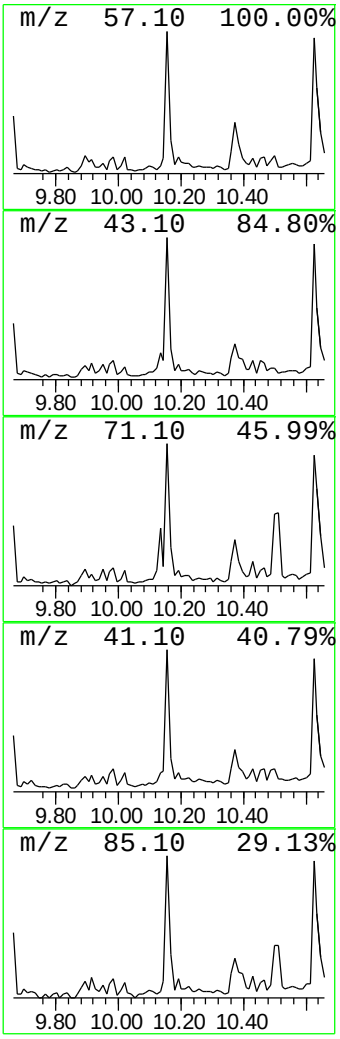
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.06 ng	160880	Acenaphthene-d10	9.72

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	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tridecane	184	C13H28	000629-50-5	86





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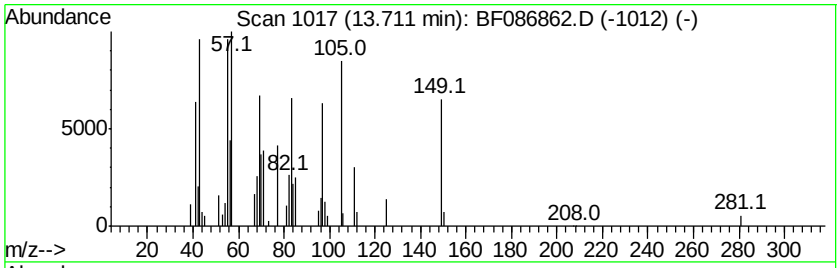
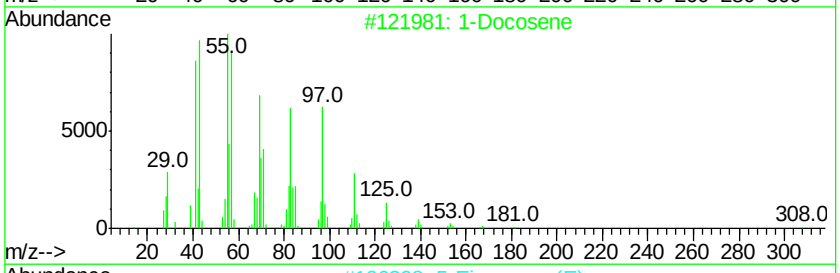
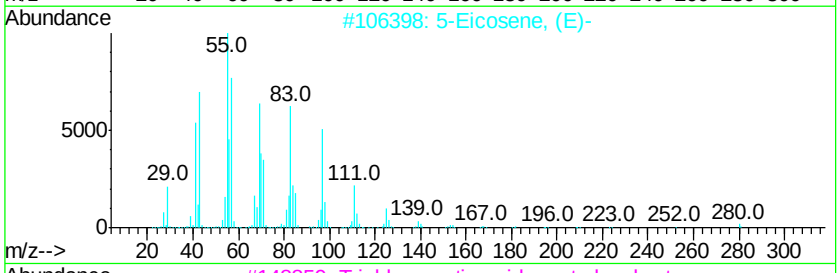
Peak Number 6 1-Docosene Concentration Rank 4

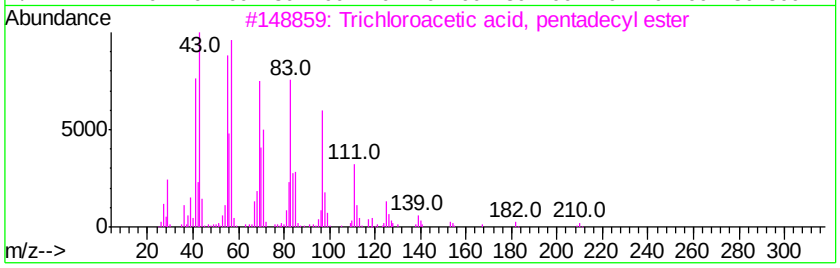
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.58 ng	242674	Chrysene-d12	13.83

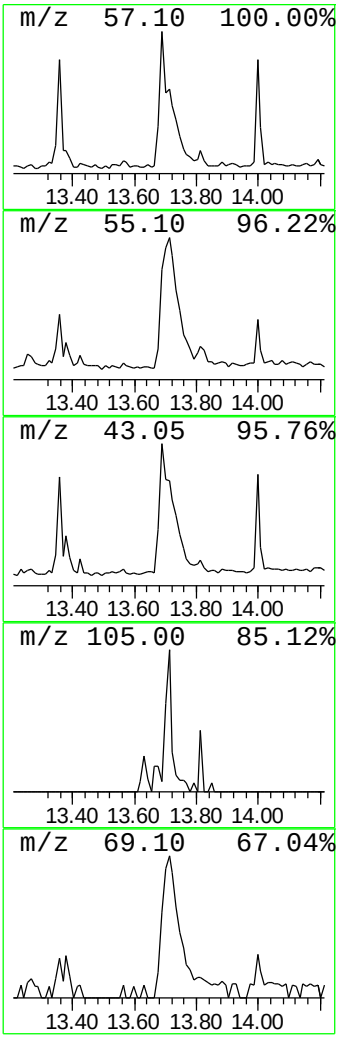
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	70
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	64











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
2-Pentanone, 4-hy...	4.84	11.3	ng	593627	1	6.68	1048250	20.0
unknown6.45	6.45	69.3	ng	3630890	1	6.68	1048250	20.0
Hexadecane	10.16	2.1	ng	160880	3	9.72	1561460	20.0
1-Docosene	13.71	3.6	ng	242674	5	13.83	1355420	20.0