LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084283.D
Acq On : 6 Jan 2016 12:10
Operator : SJ/UM
Sample : G4986-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-4-21.0-21.5

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-BF123115.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	5.047	256	259	266	rVB	1264303	1727345	26.81%	2.984%
2	5.470	293	296	299	rBV	4087791	5708092	88.59%	9.861%
3	6.510	384	387	389	rBV	5867231	6172222	95.80%	10.662%
4	6.636	395	398	400	rBV	6066723	5511223	85.54%	9.521%
5	6.864	416	418	421	rVB	1893436	1544663	23.97%	2.668%
6	7.024	429	432	434	rBV	5122913	4462861	69.27%	7.710%
7	7.436	465	468	470	rBV	3476482	4106122	63.73%	7.093%
8	8.156	528	531	533	rBV	2147074	2080550	32.29%	3.594%
9	9.230	622	625	627	rBV	7100508	6443051	100.00%	11.130%
10	9.619	657	659	661	rBV	988369	893347	13.87%	1.543%
11	9.905	681	684	686	rVB	2687023	2327906	36.13%	4.021%
12	10.339	721	722	724	rVB	165820	116770	1.81%	0.202%
13	10.556	738	741	744	rBV	58587	98538	1.53%	0.170%
14	10.693	750	753	755	rBV	4304265	4248653	65.94%	7.339%
15	10.808	762	763	770	rVB	192540	267716	4.16%	0.462%
16	11.265	800	803	804	rBV2	82314	117628	1.83%	0.203%
17	11.391	811	814	816	rVB	2167053	2300245	35.70%	3.974%
18	12.979	950	953	955	rBV	4466912	5579501	86.60%	9.638%
19	13.871	1029	1031	1041	rBV	232566	396479	6.15%	0.685%
20	14.019	1041	1044	1047	rBV	2273825	2087396	32.40%	3.606%
21	15.448	1166	1169	1172	rBV	1427931	1697488	26.35%	2.932%

Sum of corrected areas: 57887796

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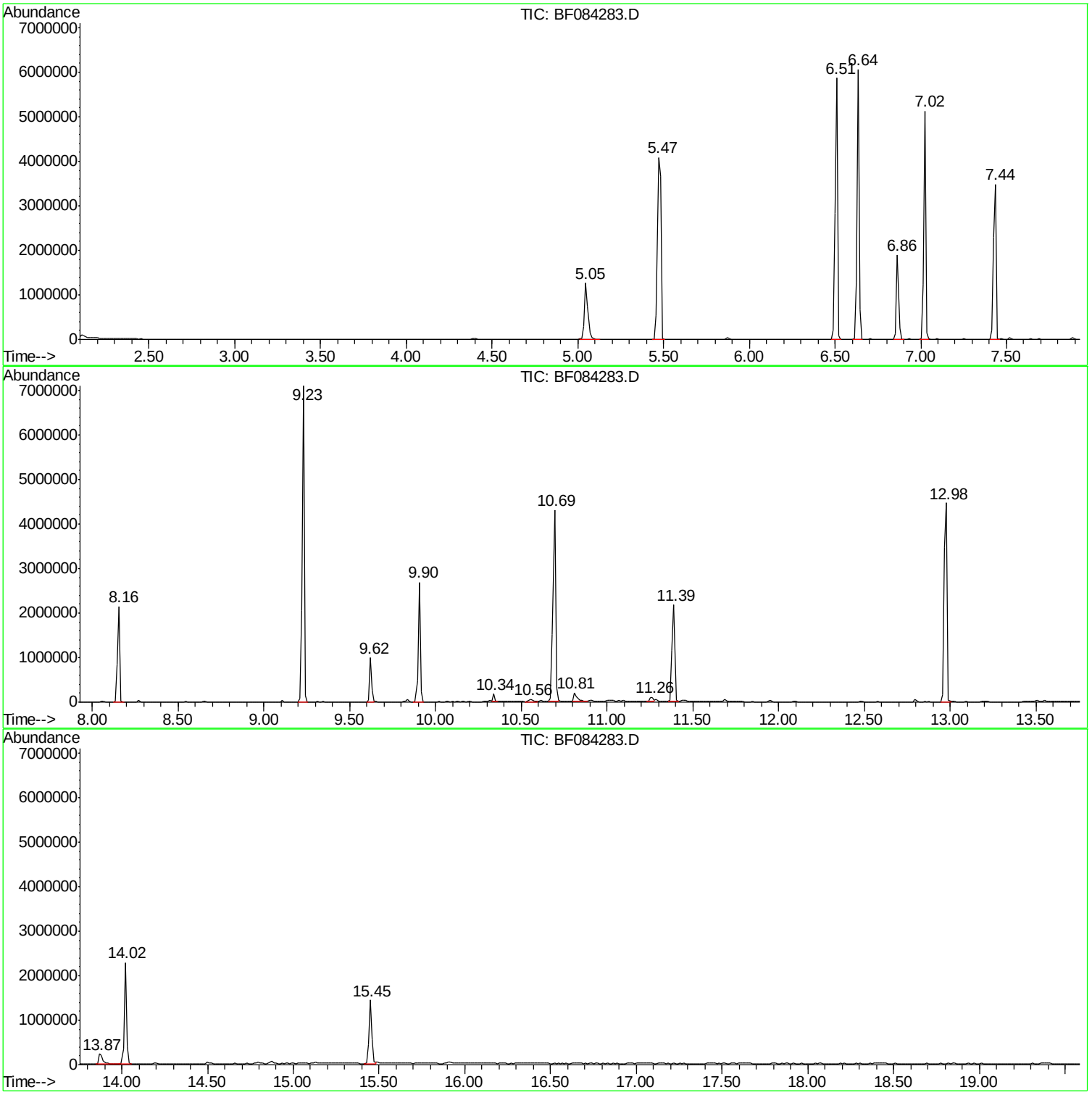
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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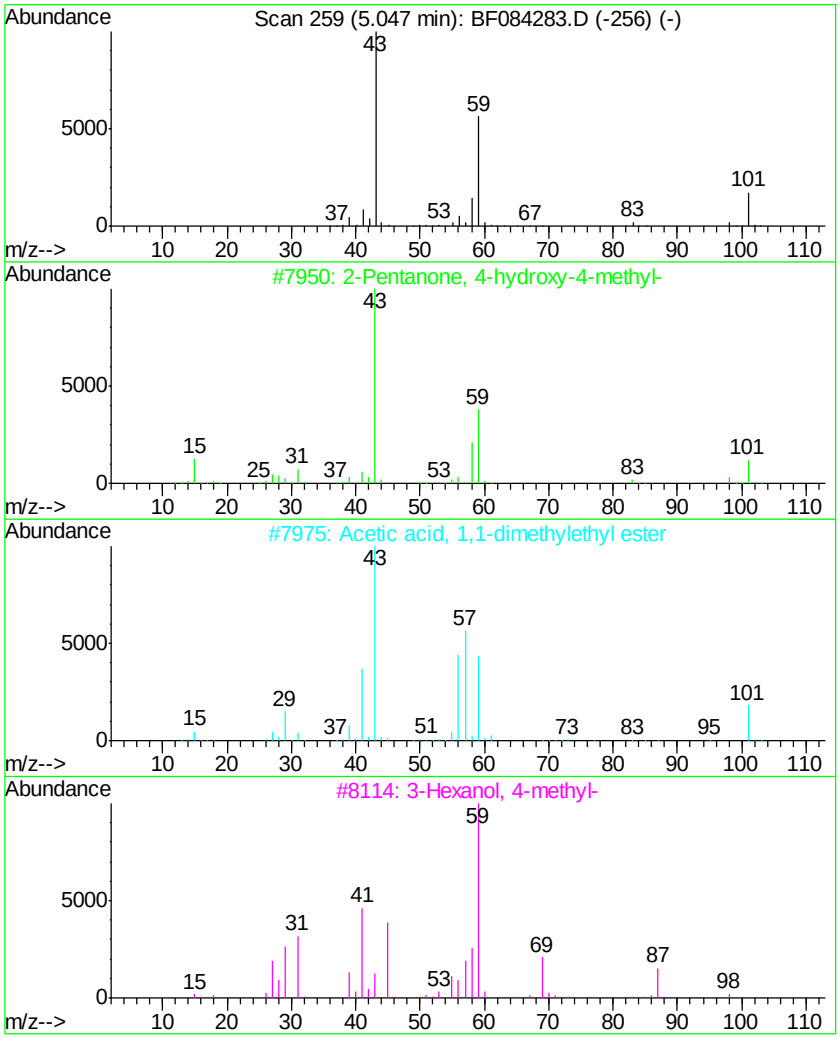
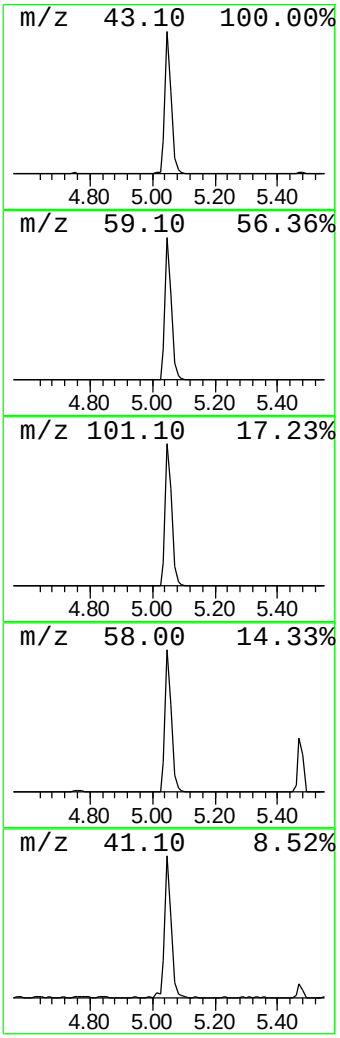
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	22.37 ng	1727350	1,4-Dichlorobenzene-d4	6.86

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33





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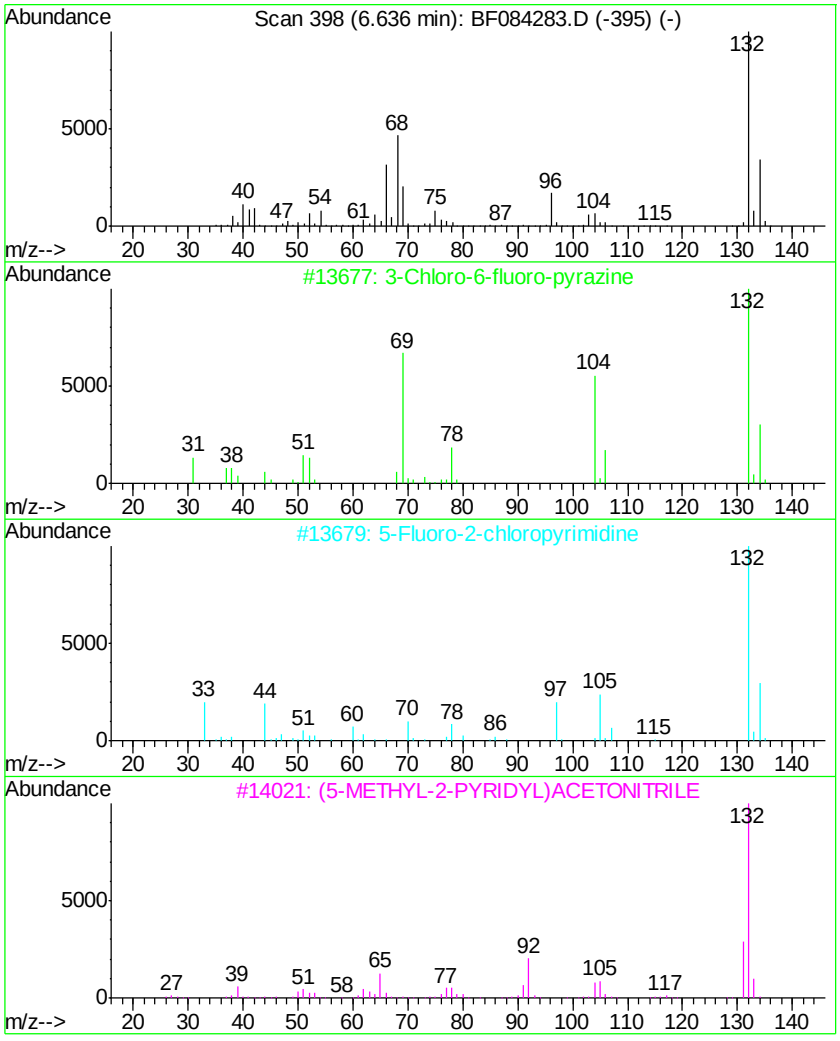
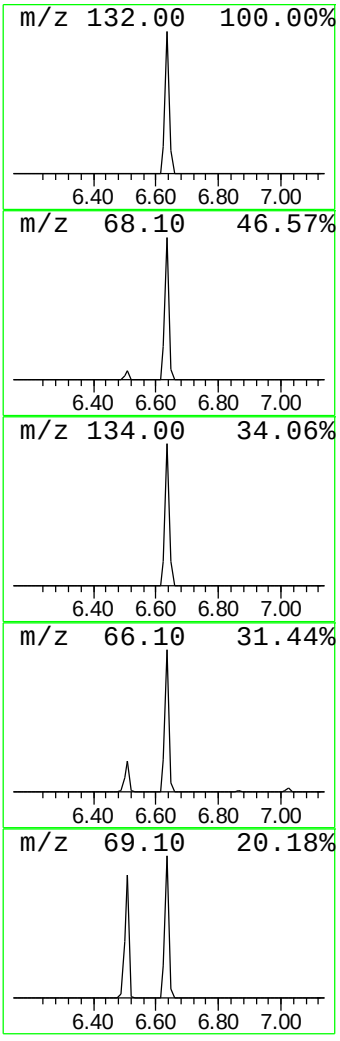
Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	71.36 ng	5511220	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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ClientSampleId : PJ-SB-4-21.0-21.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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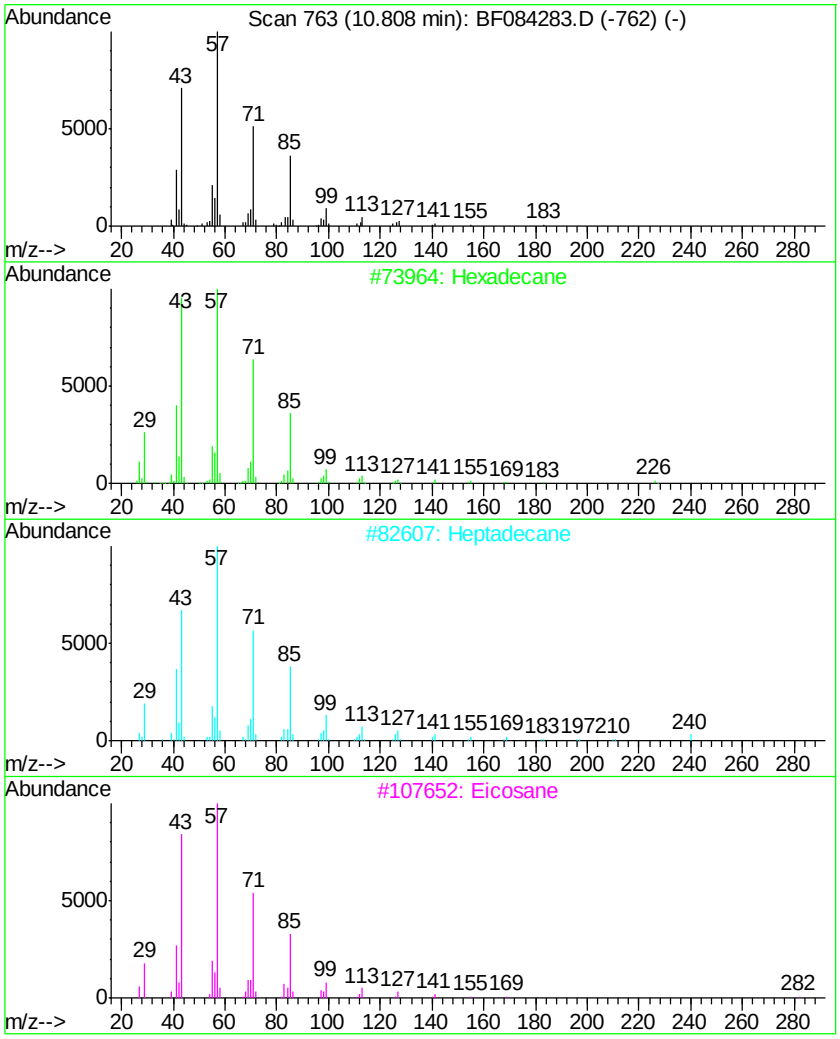
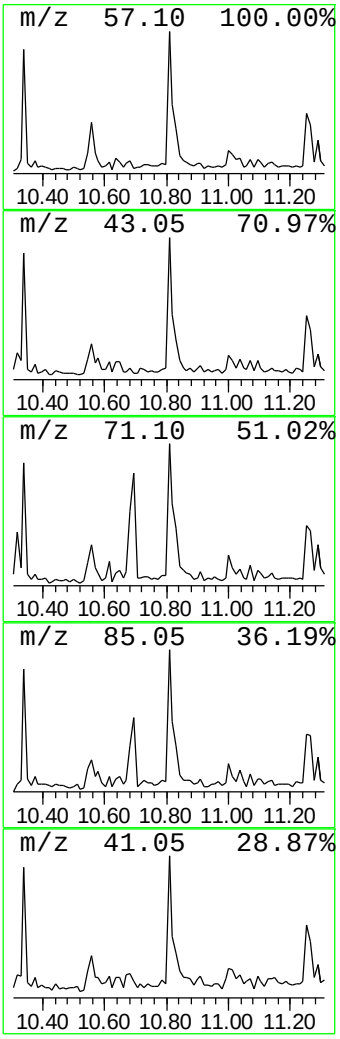
Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.33 ng	267716	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





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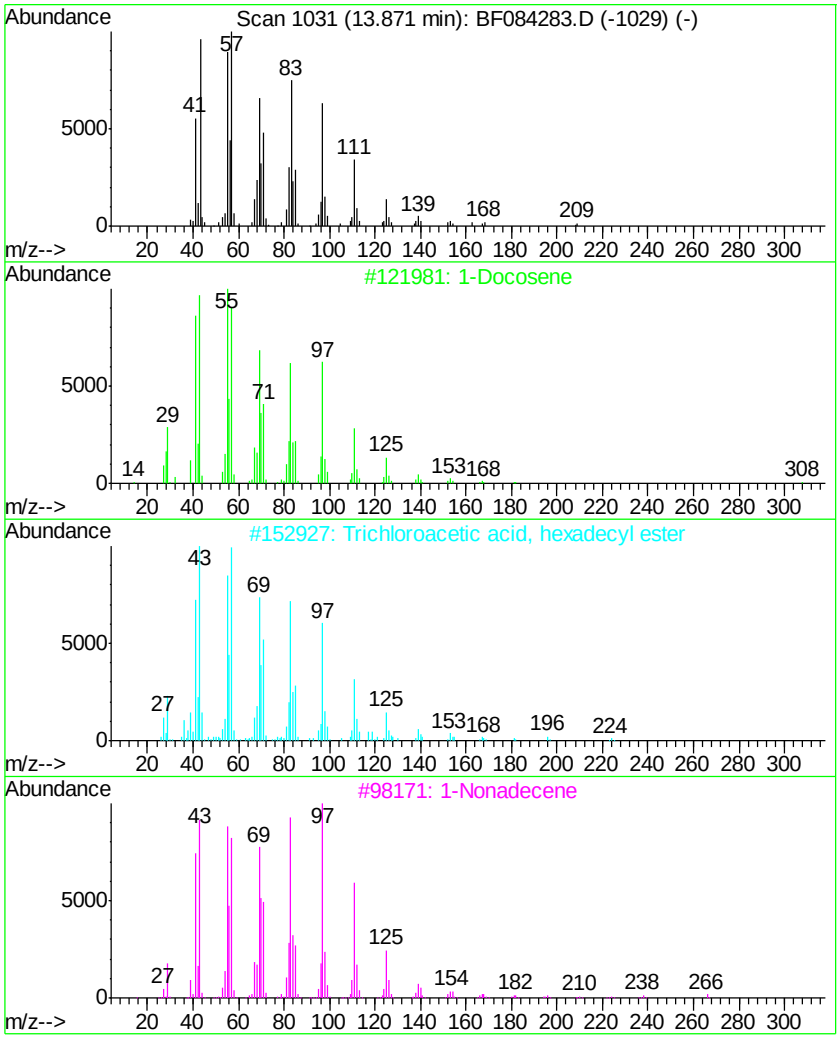
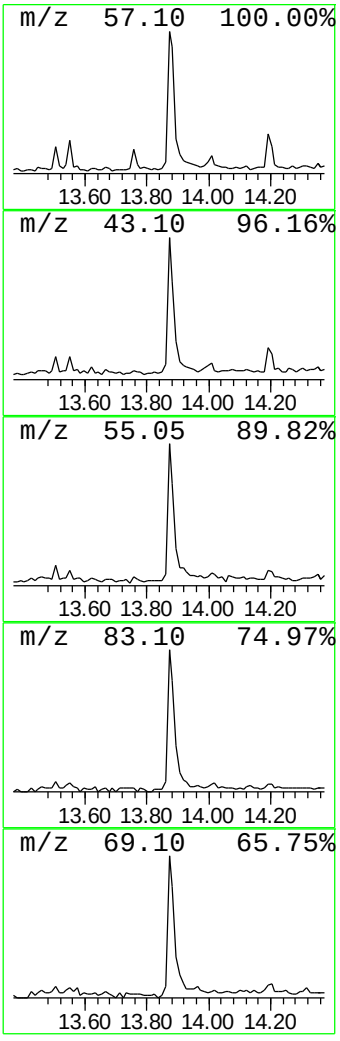
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.80 ng	396479	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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...	5.05	22.4	ng	1727350	1	6.86	1544660	20.0
unknown6.64	6.64	71.4	ng	5511220	1	6.86	1544660	20.0
Hexadecane	10.81	2.3	ng	267716	4	11.39	2300250	20.0
1-Docosene	13.87	3.8	ng	396479	5	14.02	2087400	20.0