LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096814.D
Acq On : 17 Jul 2017 12:51
Operator : SJ/JU
Sample : I4159-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-GAS-SIDEWALL

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-BF071317.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	4.781	471	475	489	rVB	290979	408810	15.16%	1.802%
2	5.216	545	549	553	rBV	2529012	2628746	97.49%	11.589%
3	6.257	721	726	735	rBV	2367145	2696291	100.00%	11.886%
4	6.381	742	747	750	rBV	2782321	2593993	96.21%	11.436%
5	6.610	782	786	789	rBV	876937	737773	27.36%	3.252%
6	6.769	808	813	816	rBV	1880067	1820642	67.52%	8.026%
7	7.175	877	882	885	rBV	1686991	1656813	61.45%	7.304%
8	7.892	999	1004	1007	rBV	1081002	990742	36.74%	4.368%
9	8.969	1182	1187	1190	rBV	2322874	2197743	81.51%	9.689%
10	9.357	1250	1253	1256	rBV	343927	277087	10.28%	1.222%
11	9.633	1296	1300	1304	rBV	1173077	1048081	38.87%	4.620%
12	10.086	1374	1377	1380	rVB	78355	59430	2.20%	0.262%
13	10.304	1407	1414	1417	rBV	25746	37243	1.38%	0.164%
14	10.422	1429	1434	1437	rBV	1452482	1357375	50.34%	5.984%
15	10.557	1454	1457	1463	rBV	88736	101371	3.76%	0.447%
16	10.998	1526	1532	1535	rBV2	41553	43530	1.61%	0.192%
17	11.110	1547	1551	1554	rBV	1149263	946438	35.10%	4.172%
18	12.692	1815	1820	1823	rBV	1681837	1548353	57.43%	6.826%
19	13.598	1970	1974	1982	rBV	223793	252722	9.37%	1.114%
20	13.733	1992	1997	2000	rBV	643219	623655	23.13%	2.749%
21	14.233	2078	2082	2087	rBV4	23584	32773	1.22%	0.144%
22	15.104	2225	2230	2235	rVB	526237	595131	22.07%	2.624%
23	15.580	2307	2311	2315	rBV5	18770	28927	1.07%	0.128%

Sum of corrected areas: 22683669

LSC Report - Integrated Chromatogram

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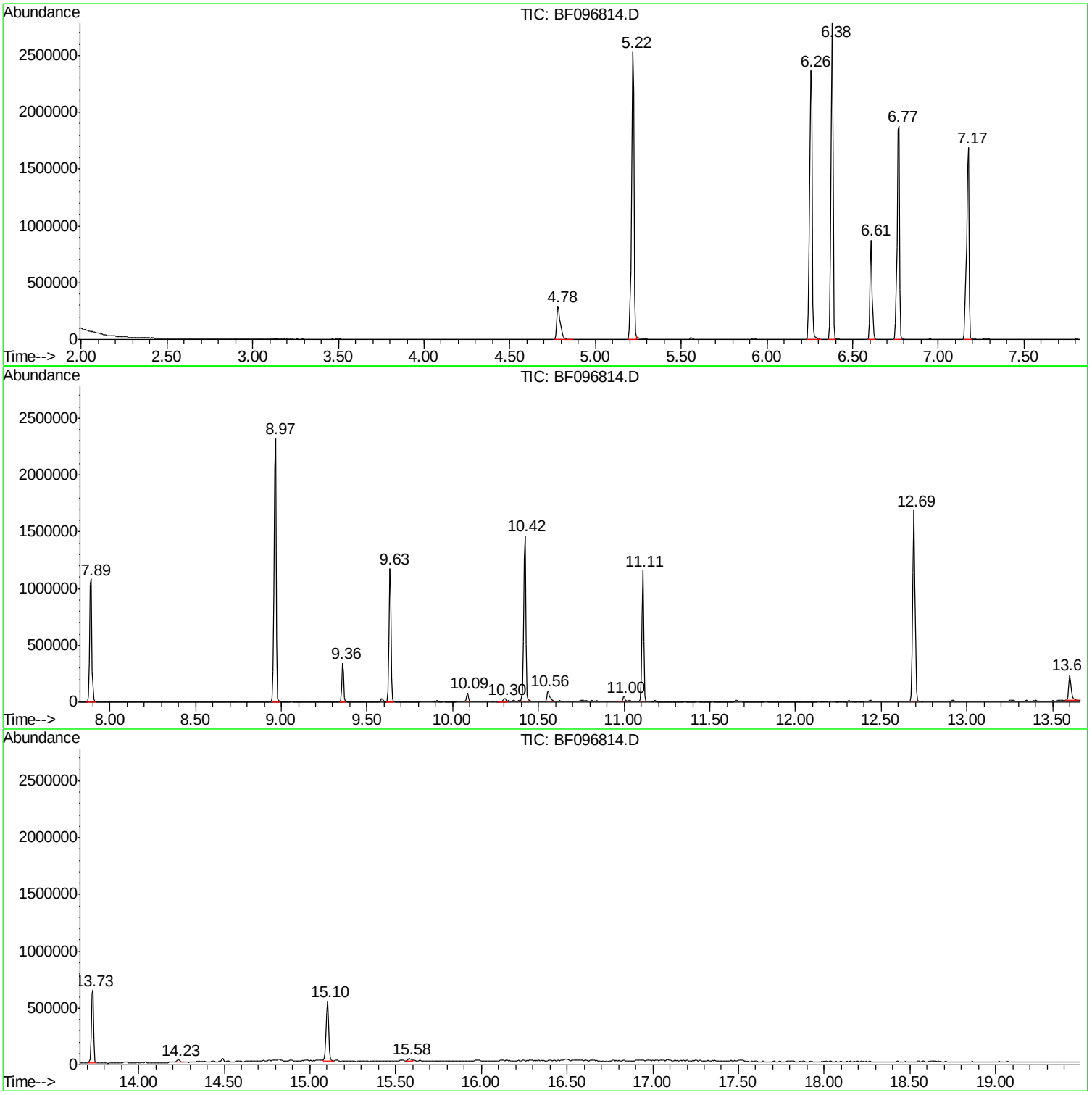
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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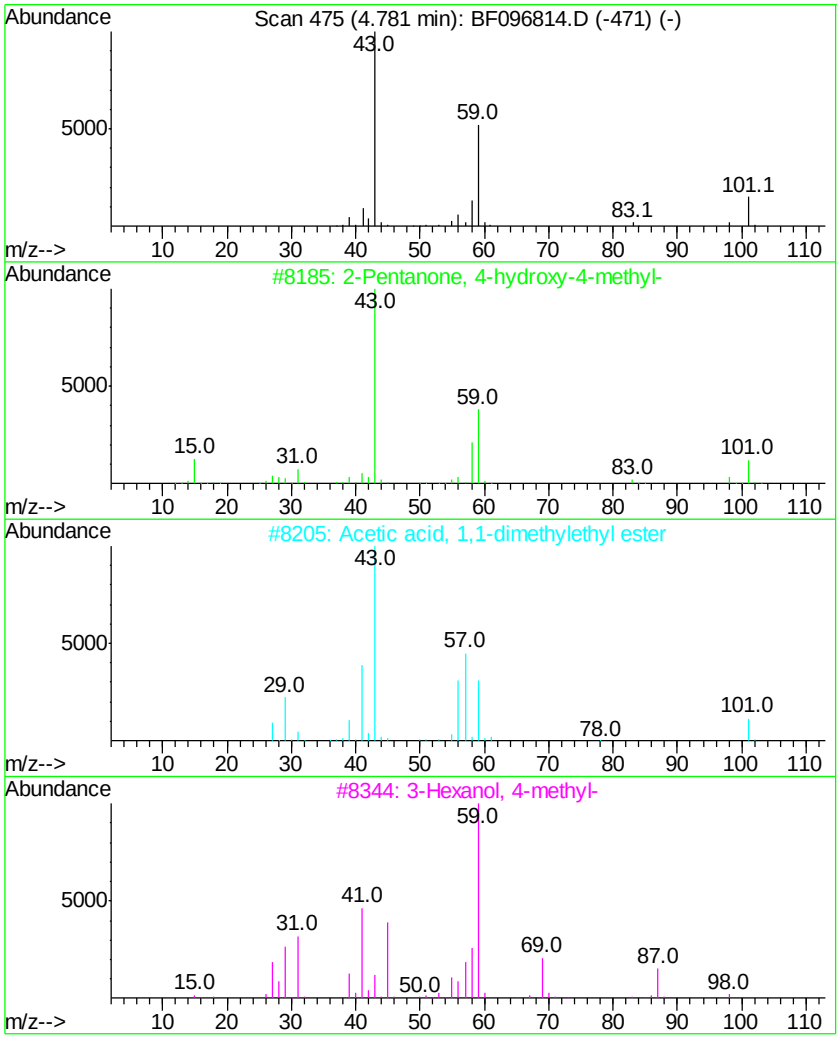
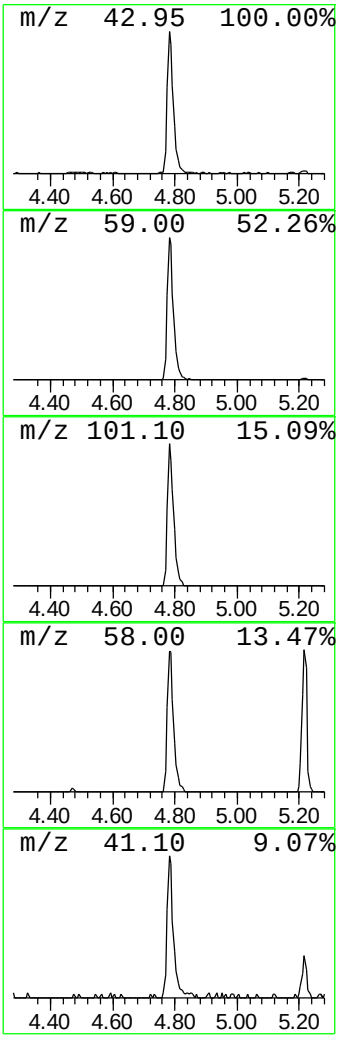
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	11.08 ng	408810	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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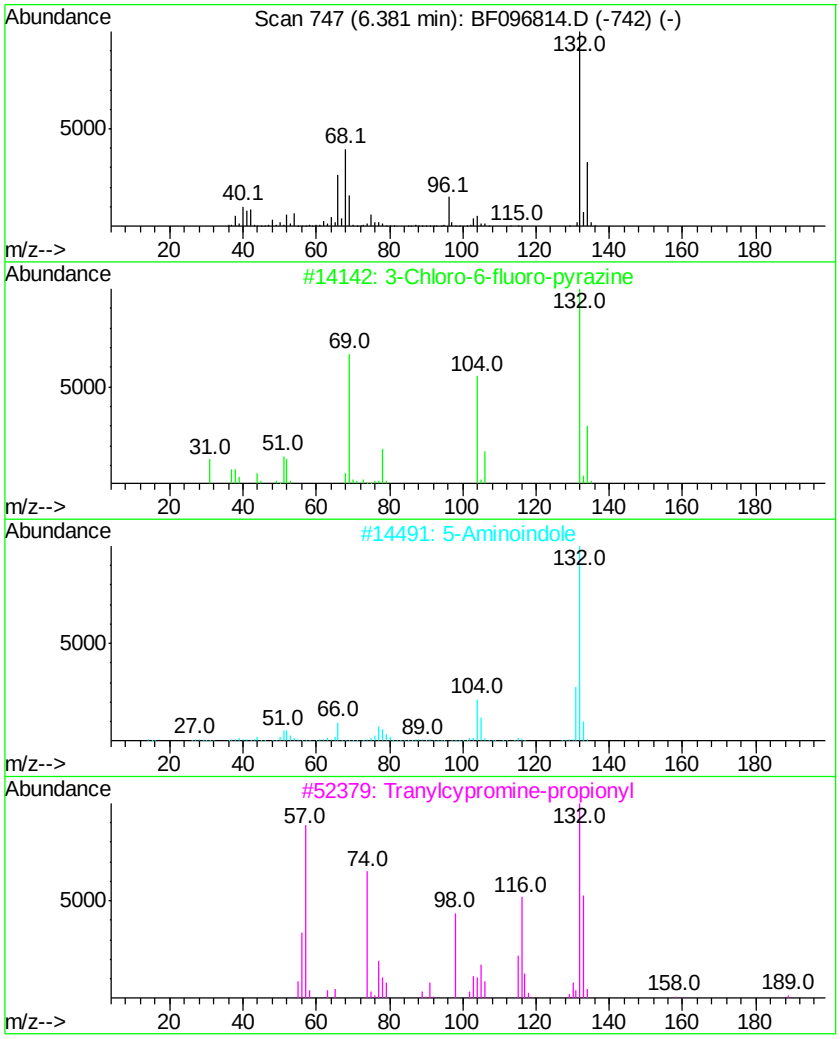
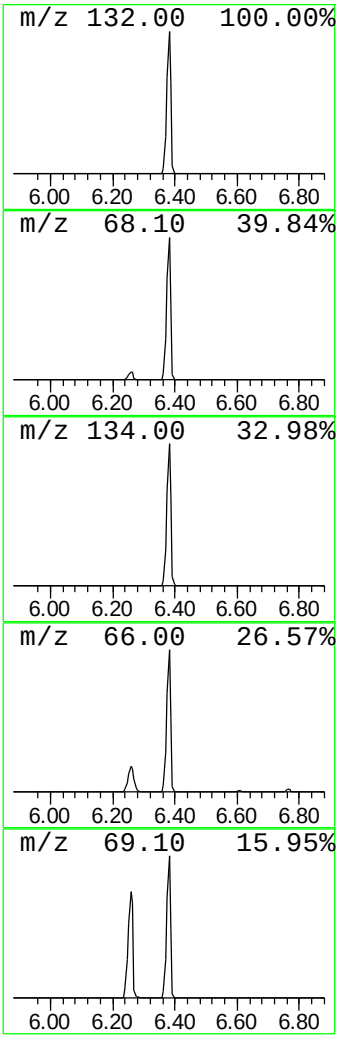
Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	70.32 ng	2593990	1,4-Dichlorobenzene-d4	6.61

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Data File : BF096814.D
Acq On : 17 Jul 2017 12:51
Operator : SJ/JU
Sample : I4159-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-GAS-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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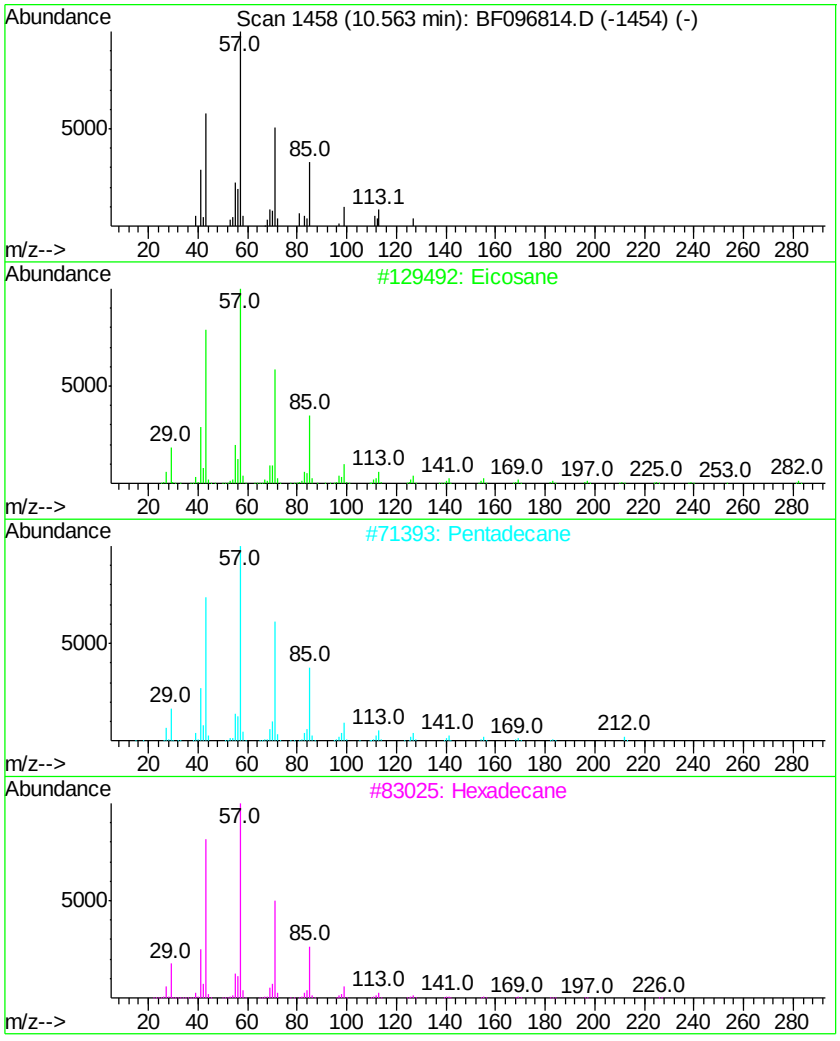
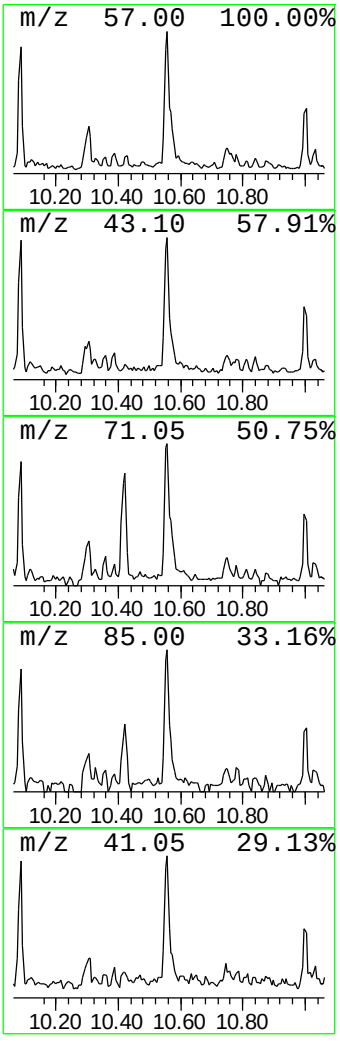
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.14 ng	101371	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetracosane	338	C24H50	000646-31-1	80
5	Heneicosane	296	C21H44	000629-94-7	80





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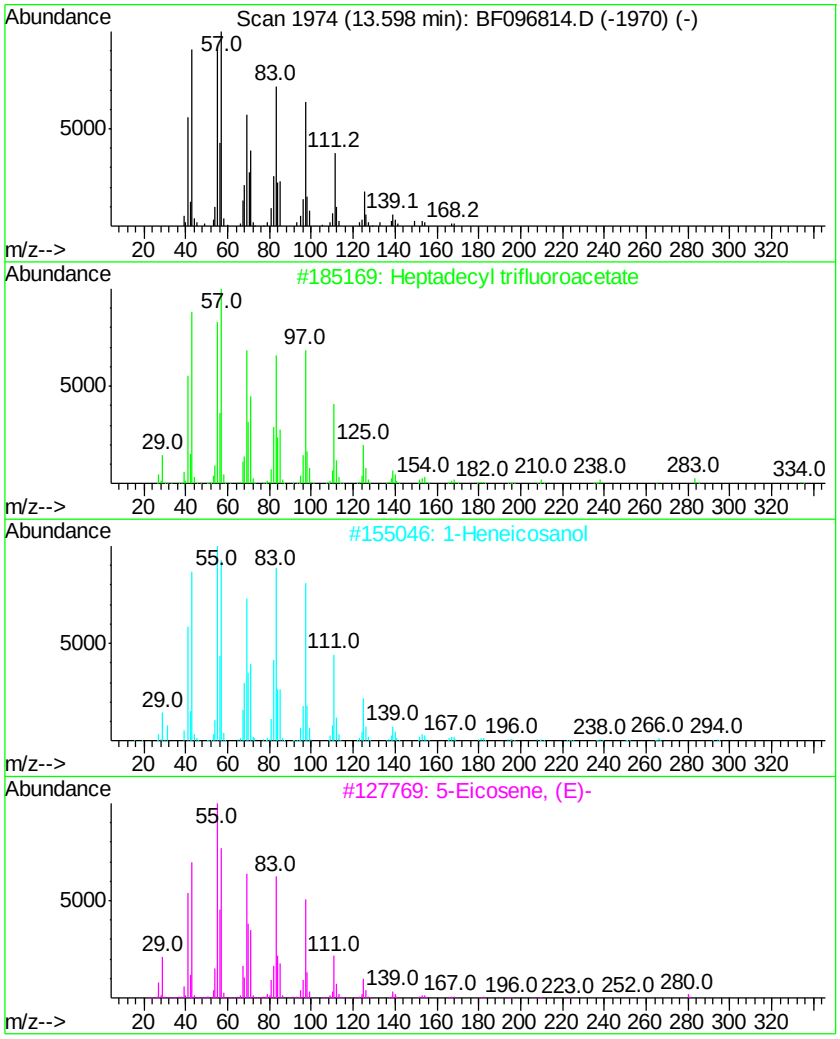
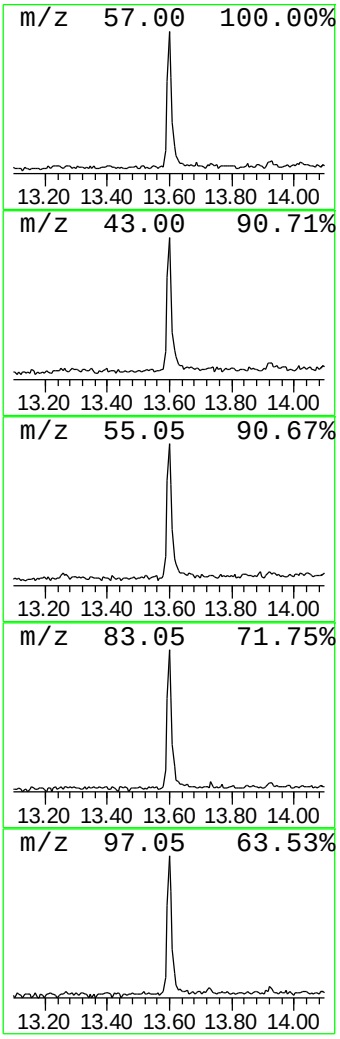
Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	8.10 ng	252722	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	1-Docosene	308	C22H44	001599-67-3	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	11.1	ng	408810	1	6.61	737773	20.0
unknown6.38	6.38	70.3	ng	2593990	1	6.61	737773	20.0
Eicosane	10.56	2.1	ng	101371	4	11.11	946438	20.0
Heptadecyl triflu...	13.60	8.1	ng	252722	5	13.73	623655	20.0