LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096816.D
Acq On : 17 Jul 2017 13:47
Operator : SJ/JU
Sample : I4159-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GAS-BOTTOM

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	4.787	471	476	485	rBV	266018	378038	13.96%	1.687%
2	5.222	545	550	553	rBV	2268859	2359269	87.15%	10.527%
3	6.257	721	726	742	rBV	2184473	2544938	94.01%	11.355%
4	6.381	742	747	750	rBV	2529381	2410104	89.03%	10.753%
5	6.610	782	786	789	rBV	795645	658898	24.34%	2.940%
6	6.763	808	812	816	rBV	1805726	1758984	64.97%	7.848%
7	7.175	876	882	885	rBV	1715782	1716094	63.39%	7.657%
8	7.892	999	1004	1007	rBV	1079859	999504	36.92%	4.460%
9	8.969	1181	1187	1190	rBV	2752374	2707202	100.00%	12.079%
10	9.357	1250	1253	1257	rBV	422365	331210	12.23%	1.478%
11	9.633	1296	1300	1304	rBV2	1162197	1023591	37.81%	4.567%
12	10.086	1374	1377	1380	rVB	67301	52049	1.92%	0.232%
13	10.304	1408	1414	1416	rBV	27204	34985	1.29%	0.156%
14	10.421	1430	1434	1437	rBV	1446767	1342341	49.58%	5.989%
15	10.557	1454	1457	1466	rBV	76339	91067	3.36%	0.406%
16	11.004	1529	1533	1535	rBV2	39873	36763	1.36%	0.164%
17	11.110	1547	1551	1554	rBV	1068883	884844	32.68%	3.948%
18	12.692	1815	1820	1823	rBV	1916973	1735820	64.12%	7.745%
19	13.598	1970	1974	1981	rBV	118765	140637	5.19%	0.627%
20	13.733	1992	1997	2000	rBV	586614	554324	20.48%	2.473%
21	14.239	2078	2083	2088	rBV7	22594	40292	1.49%	0.180%
22	14.492	2123	2126	2129	rBV	32215	32568	1.20%	0.145%
23	15.104	2225	2230	2235	rVB	511573	550661	20.34%	2.457%
24	16.539	2472	2474	2479	rVB5	18976	28449	1.05%	0.127%

Sum of corrected areas: 22412632

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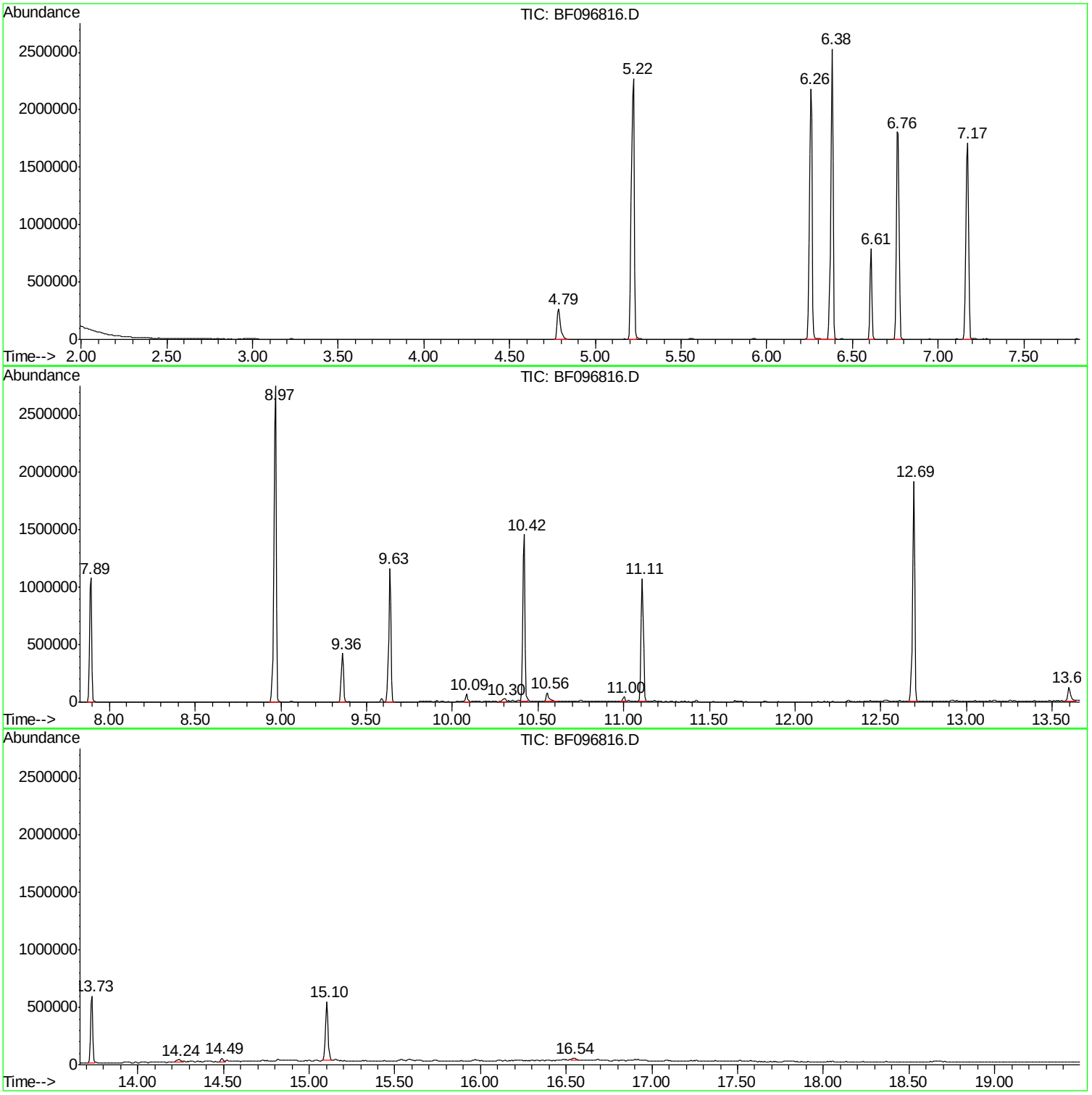
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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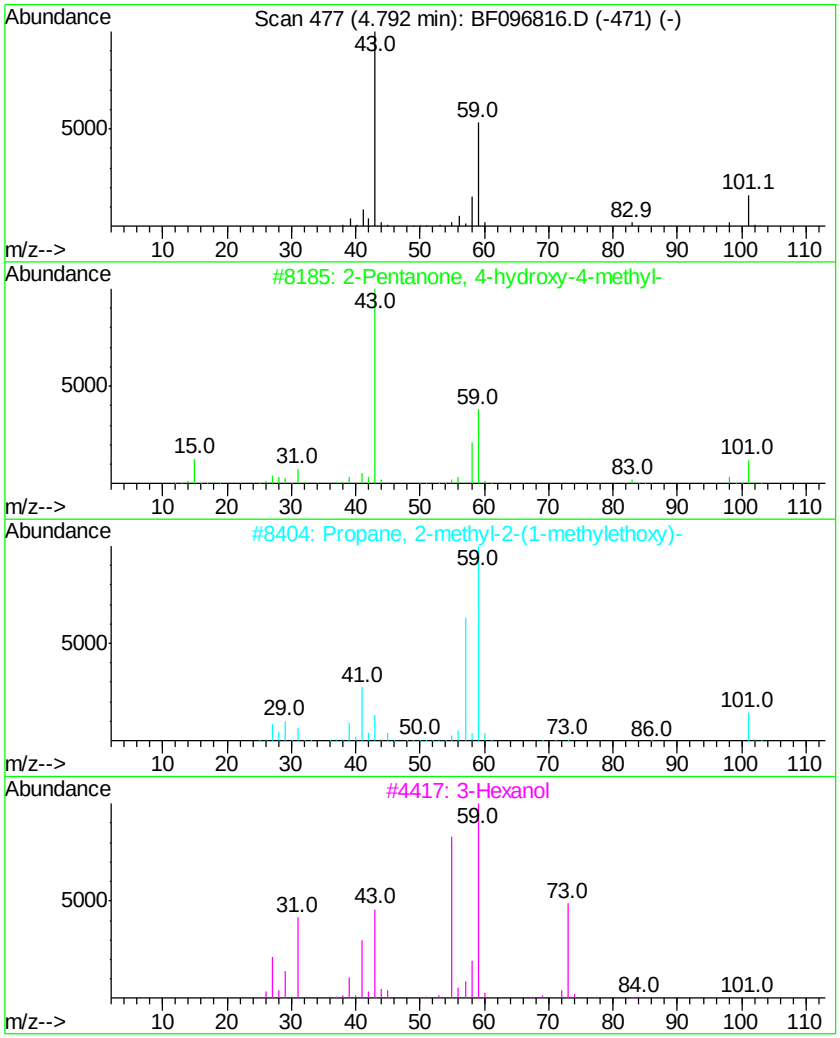
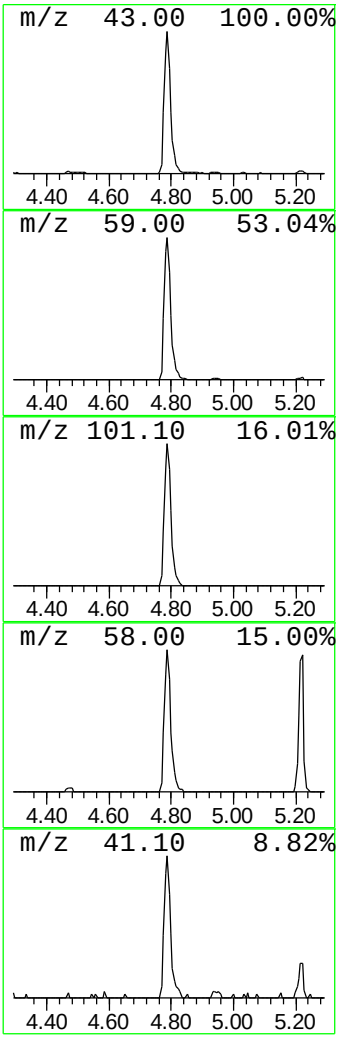
Peak Number 1 unknown4.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	11.47 ng	378038	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	39
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Library Search Compound Report

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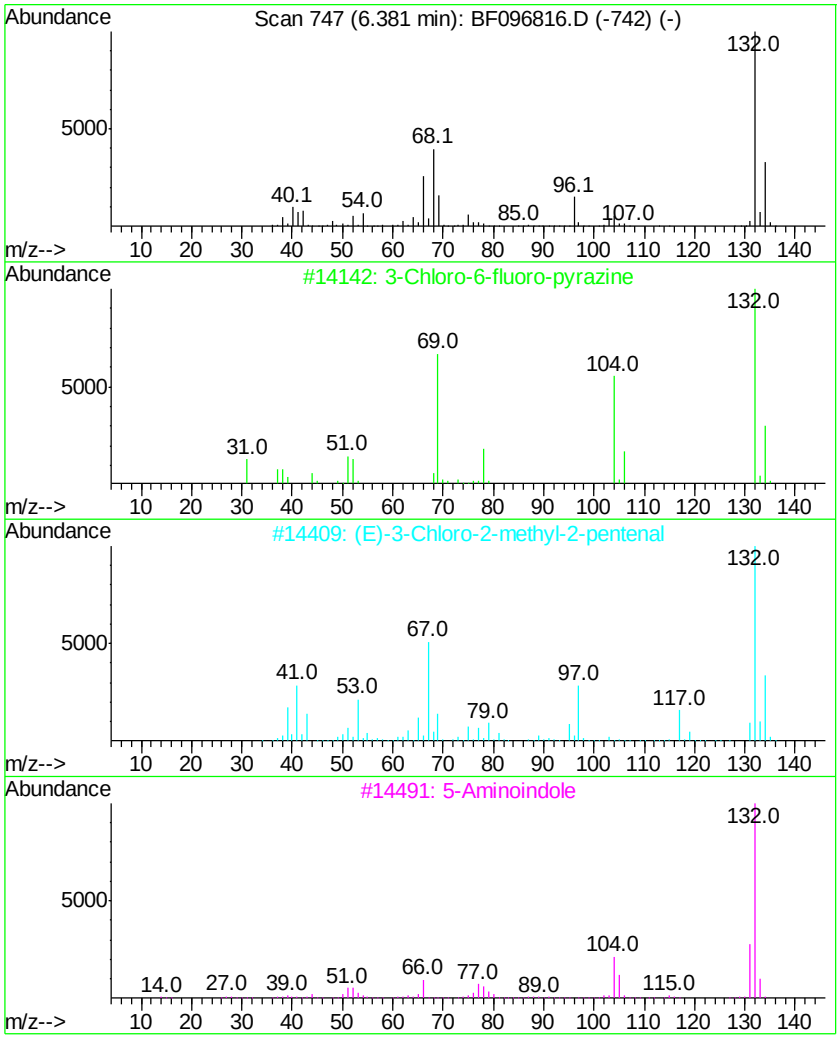
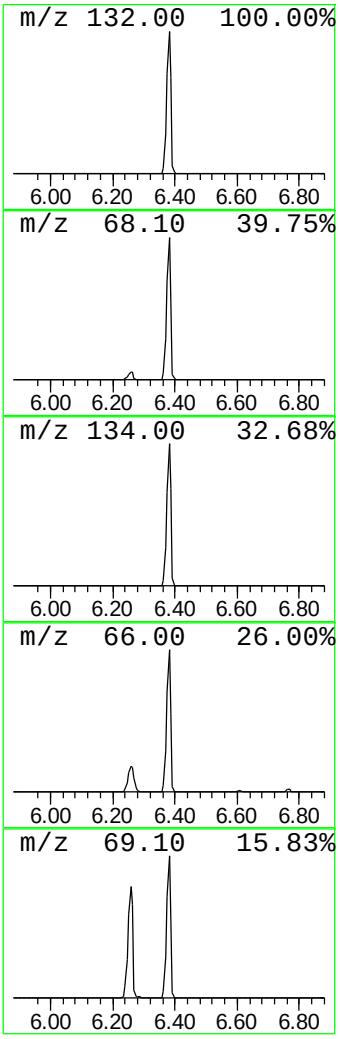
Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	73.16 ng	2410100	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GAS-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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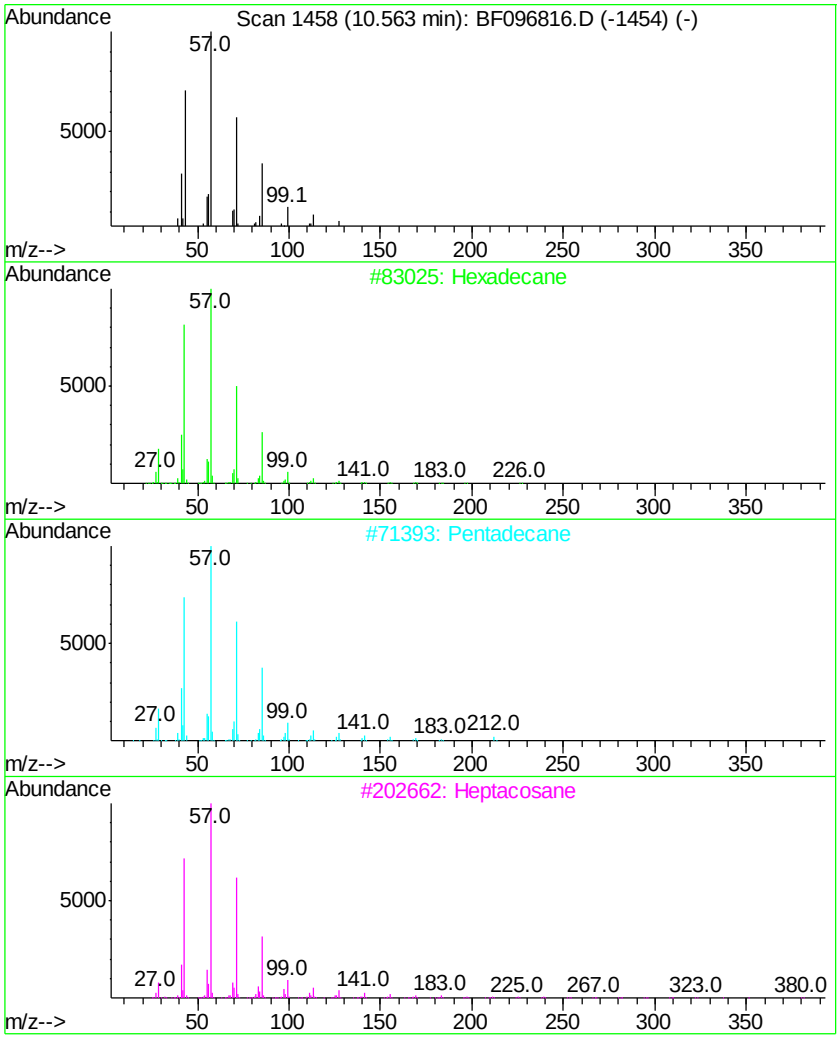
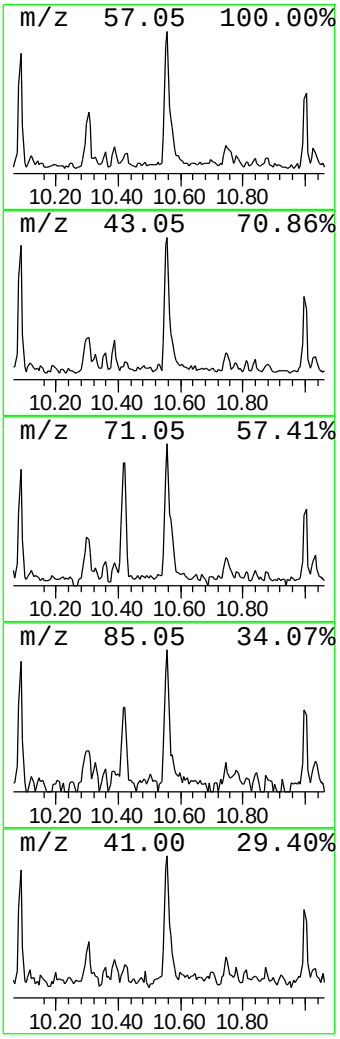
Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.06 ng	91067	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	80





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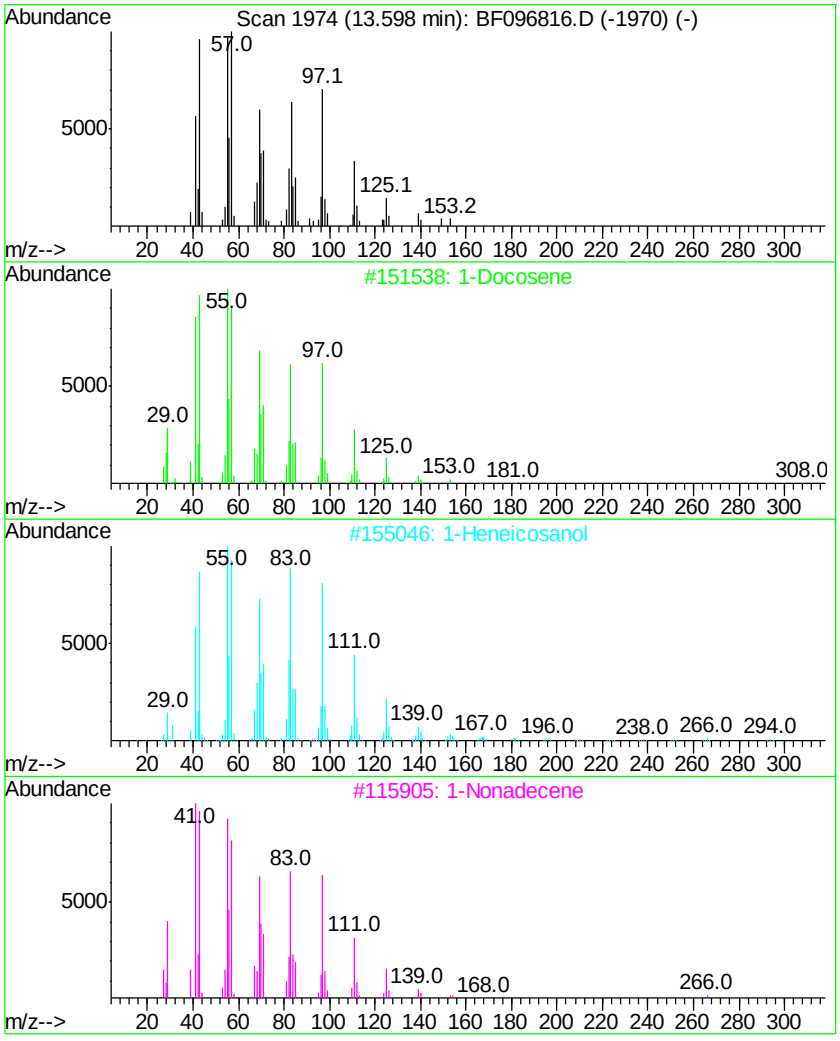
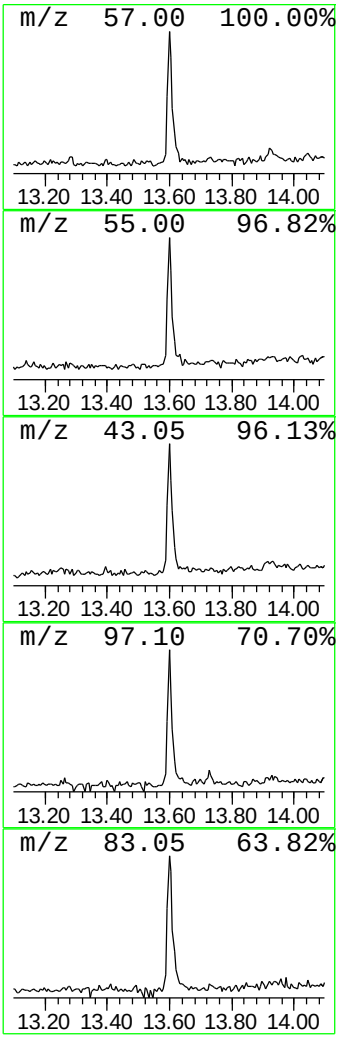
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.07 ng	140637	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.79	4.79	11.5	ng	378038	1	6.61	658898	20.0
unknown6.38	6.38	73.2	ng	2410100	1	6.61	658898	20.0
Hexadecane	10.56	2.1	ng	91067	4	11.11	884844	20.0
1-Docosene	13.60	5.1	ng	140637	5	13.73	554324	20.0