LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020258.D
Acq On : 11 May 2019 02:42
Operator : JU/SJ
Sample : K2801-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200035

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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	4.905	322	326	334	rVB	76658	109647	1.93%	0.355%
2	5.358	397	403	417	rBV	1425977	2117518	37.23%	6.852%
3	6.946	665	673	686	rBV	1451687	2396922	42.14%	7.757%
4	7.304	727	734	747	rBV	1532652	2449652	43.07%	7.927%
5	7.775	807	814	821	rBV	347570	573560	10.08%	1.856%
6	8.093	860	868	884	rBV	1078932	1784213	31.37%	5.774%
7	8.940	1005	1012	1027	rBV	881809	1502105	26.41%	4.861%
8	10.569	1281	1289	1301	rBV	451822	784627	13.80%	2.539%
9	13.034	1702	1708	1723	rBV	2377206	3515552	61.81%	11.376%
10	13.875	1845	1851	1861	rBV	254312	355657	6.25%	1.151%
11	14.416	1937	1943	1952	rBV2	734080	1148569	20.19%	3.717%
12	15.910	2191	2197	2216	rBV	2138530	3102277	54.54%	10.039%
13	17.169	2404	2411	2416	rBV	1013197	1509116	26.53%	4.884%
14	18.045	2555	2560	2566	rBV	109092	161835	2.85%	0.524%
15	19.227	2757	2761	2766	rVB	60891	82919	1.46%	0.268%
16	19.592	2819	2823	2829	rVB	51912	73050	1.28%	0.236%
17	19.792	2851	2857	2867	rBV	4891971	5687655	100.00%	18.405%
18	21.051	3066	3071	3081	rBV	600502	820092	14.42%	2.654%
19	21.351	3117	3122	3127	rBV	1117020	1494332	26.27%	4.836%
20	23.639	3505	3511	3519	rVB	663732	1232742	21.67%	3.989%

Sum of corrected areas: 30902040

LSC Report - Integrated Chromatogram

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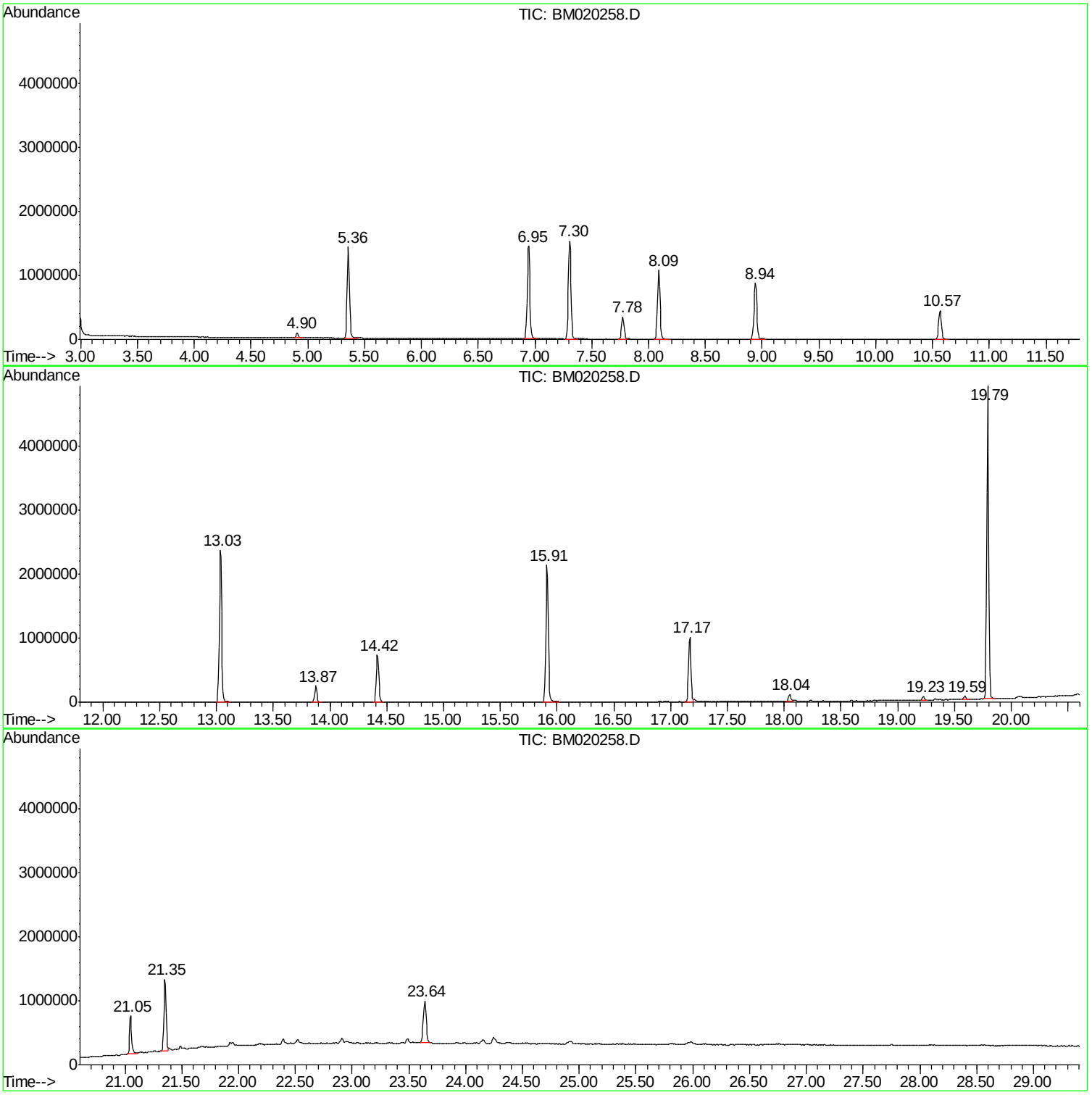
ClientSampleId : RBR-200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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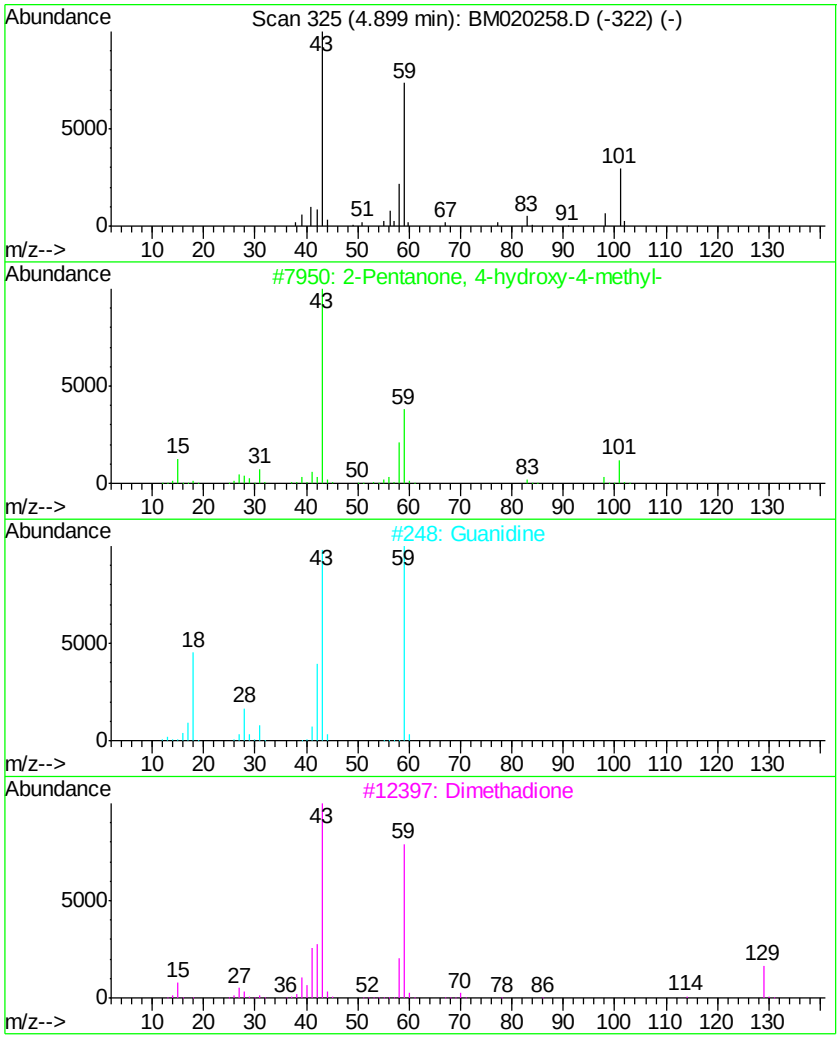
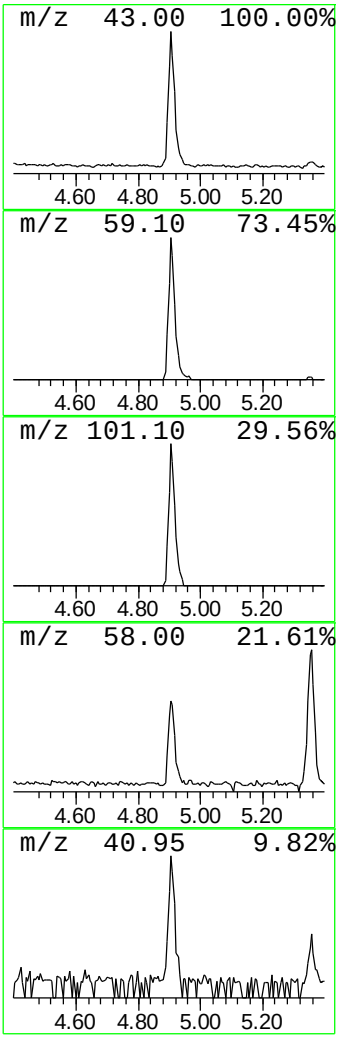
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	3.82 ng	109647	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	Dimethadione	129	C5H7NO3	000695-53-4	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	33





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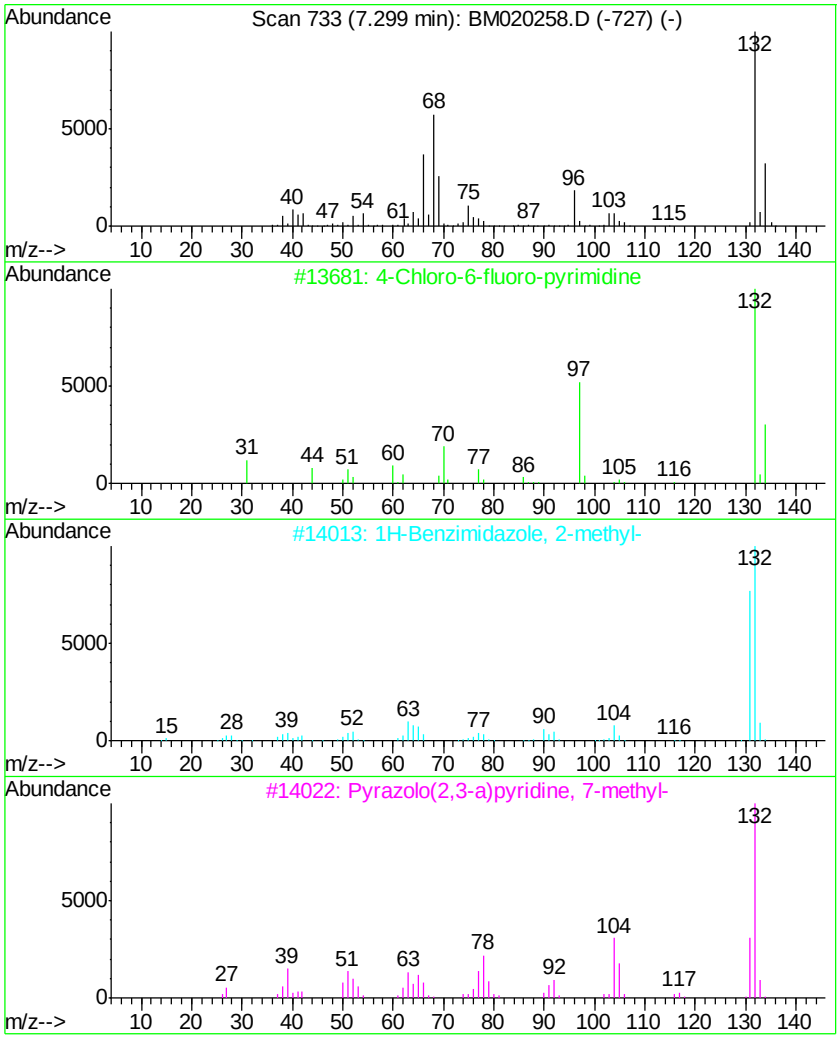
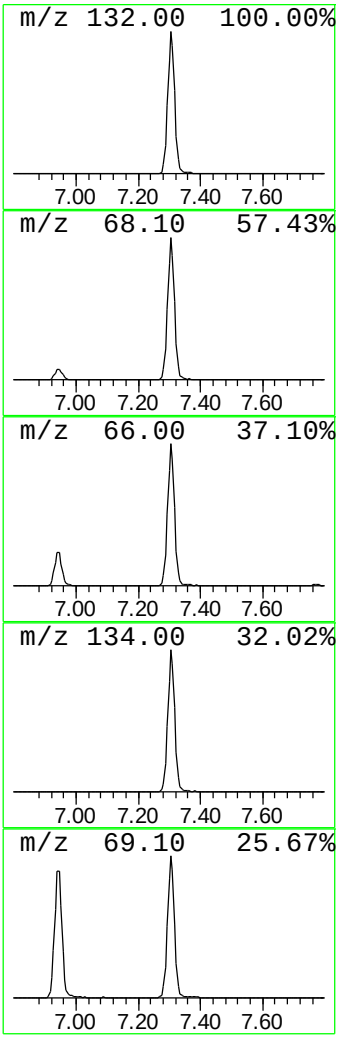
Peak Number 2 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	85.42 ng	2449650	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : RBR-200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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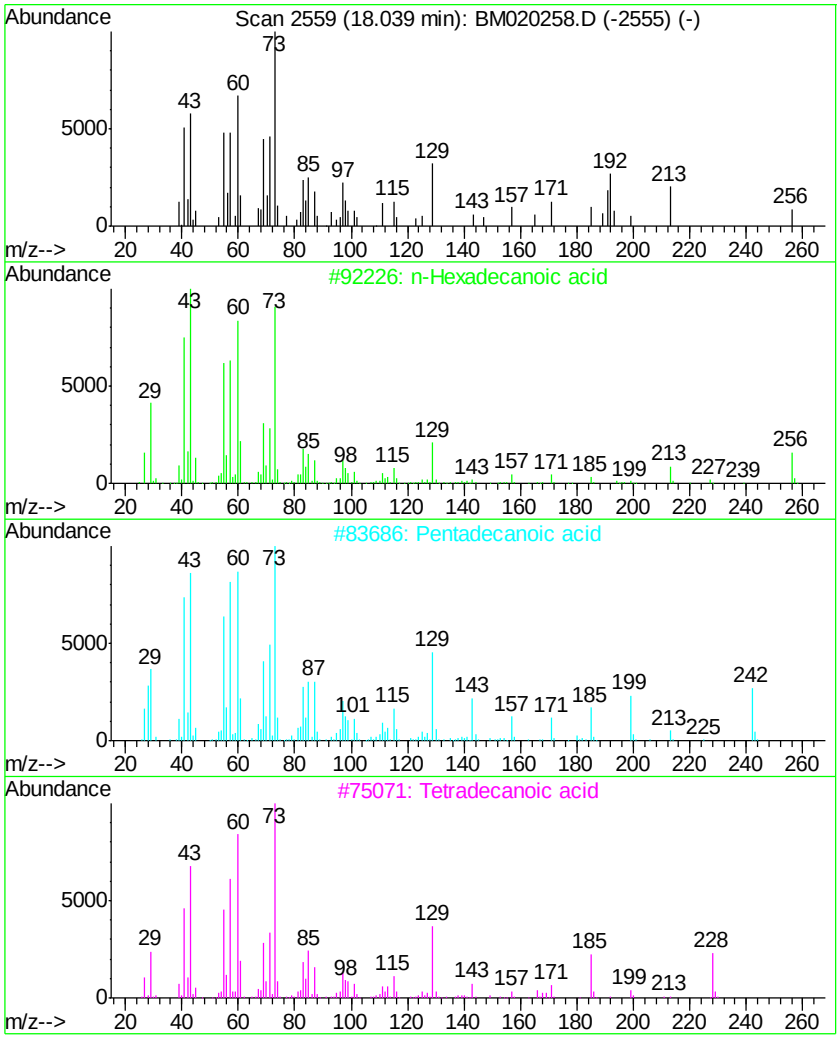
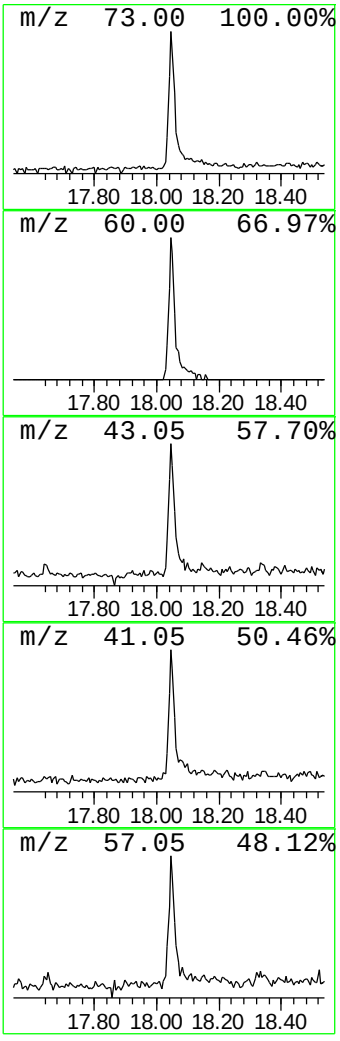
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.14 ng	161835	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	d-Glucitol, 4-O-nonyl-	308	C15H32O6	132591-06-1	27





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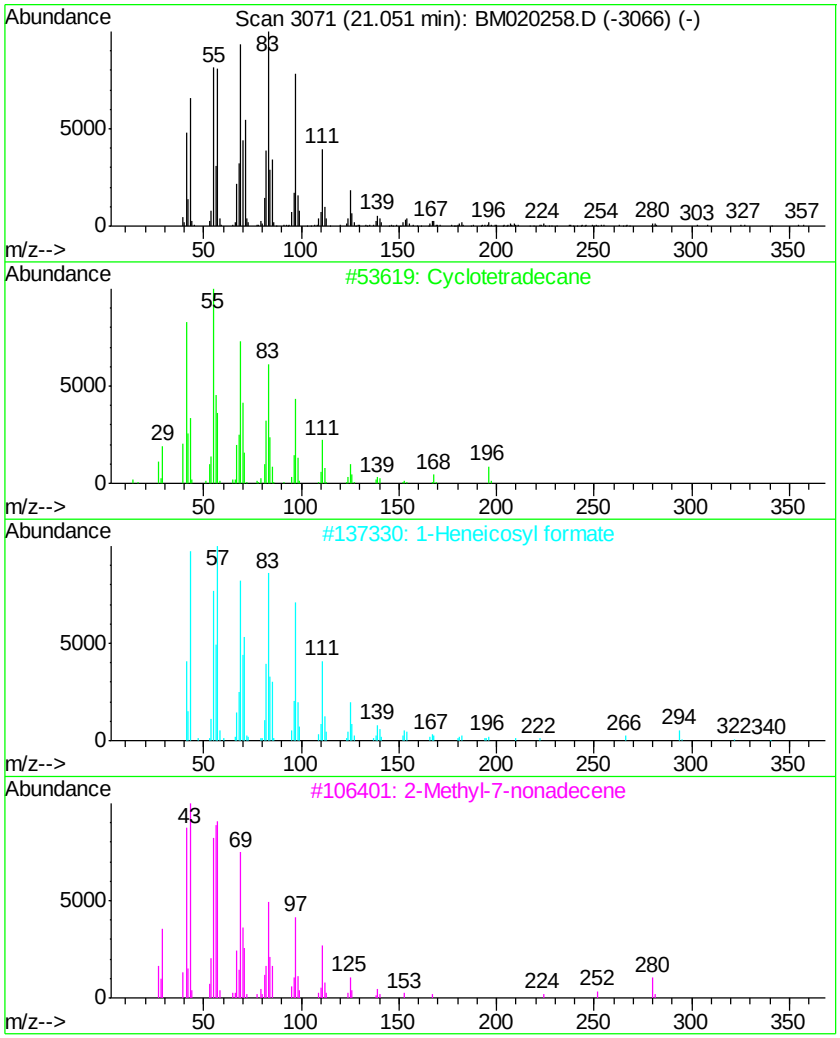
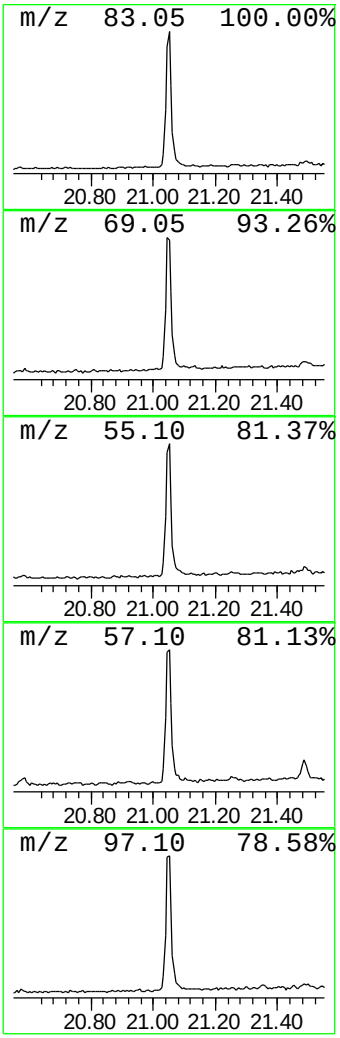
Peak Number 5 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	10.98 ng	820092	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	89
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	80
5	1-Docosene	308	C22H44	001599-67-3	76





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...	4.90	3.8	ng	109647	1	7.78	573560	20.0
unknown7.30	7.30	85.4	ng	2449650	1	7.78	573560	20.0
n-Hexadecanoic acid	18.04	2.1	ng	161835	4	17.17	1509120	20.0
Cyclotetradecane	21.05	11.0	ng	820092	5	21.35	1494330	20.0