LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043013.D
Acq On : 3 Oct 2019 15:54
Operator : JU
Sample : K5168-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190769-SS-COMPOSITE-9

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_G\METHODS\8270-BG092519.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	3.177	9	15	24	rBV3	100625	251251	5.05%	0.890%
2	3.259	24	29	43	rVB	188614	330803	6.65%	1.172%
3	5.650	429	436	452	rBV	1246929	2083265	41.85%	7.378%
4	7.243	699	707	724	rBV	1344424	2477084	49.77%	8.773%
5	7.607	761	769	782	rBV	1334884	2305701	46.32%	8.166%
6	8.065	840	847	854	rBV	248470	436080	8.76%	1.544%
7	8.394	895	903	911	rBV	962586	1710690	34.37%	6.058%
8	9.229	1036	1045	1056	rBV	778050	1427695	28.68%	5.056%
9	10.874	1316	1325	1335	rBV	309196	584540	11.74%	2.070%
10	13.312	1732	1740	1756	rBV	2106399	3279185	65.88%	11.613%
11	14.135	1872	1880	1886	rBV	262206	397613	7.99%	1.408%
12	14.687	1964	1974	1984	rBV	530560	868400	17.45%	3.075%
13	16.173	2218	2227	2244	rBV	1947216	3102341	62.33%	10.987%
14	17.425	2432	2440	2446	rBV2	679480	1065931	21.41%	3.775%
15	18.318	2587	2592	2602	rBV	110966	181574	3.65%	0.643%
16	19.581	2803	2807	2813	rBV5	38109	56643	1.14%	0.201%
17	20.034	2878	2884	2895	rBV	3556578	4977557	100.00%	17.628%
18	21.350	3103	3108	3109	rBV2	74421	96199	1.93%	0.341%
19	21.696	3160	3167	3174	rBV2	762805	1268553	25.49%	4.493%
20	24.922	3706	3716	3728	rVB2	465128	1335654	26.83%	4.730%

Sum of corrected areas: 28236759

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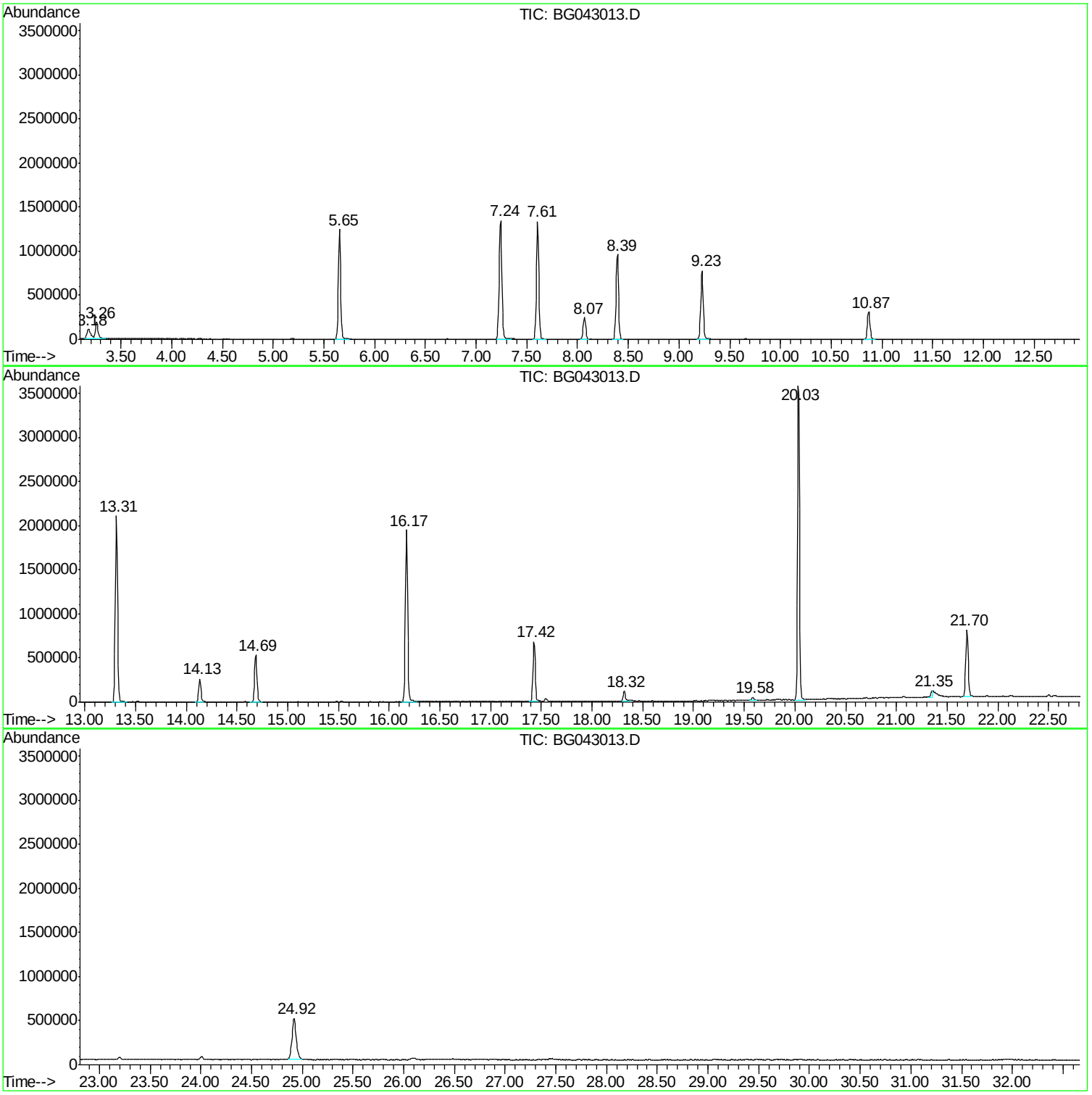
Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043013.D
Acq On : 3 Oct 2019 15:54
Operator : JU
Sample : K5168-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190769-SS-COMPOSITE-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

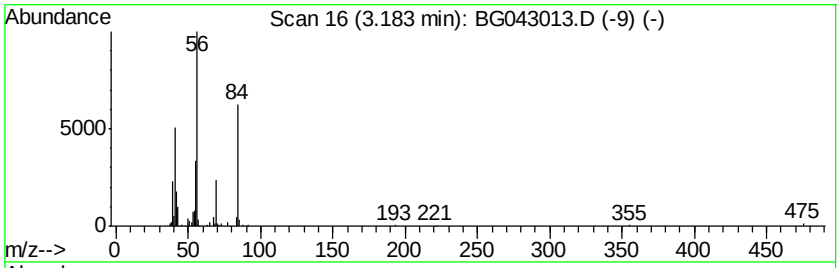
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

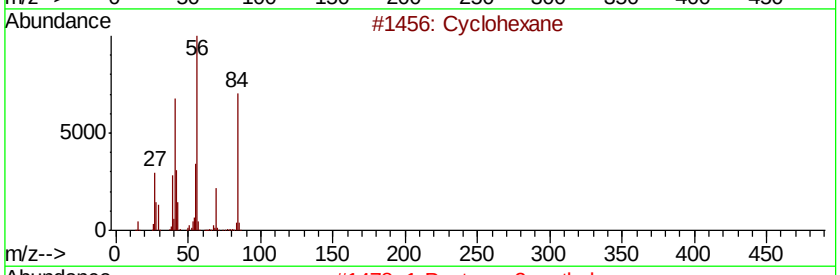
****

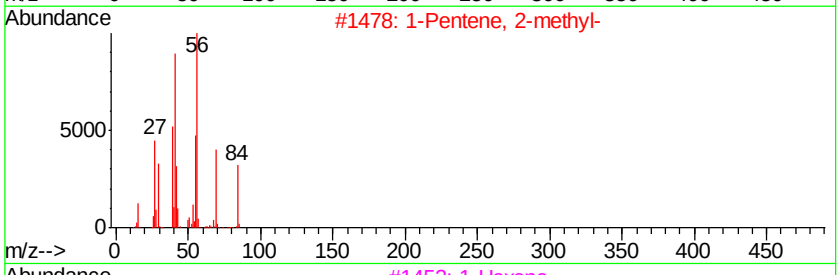
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

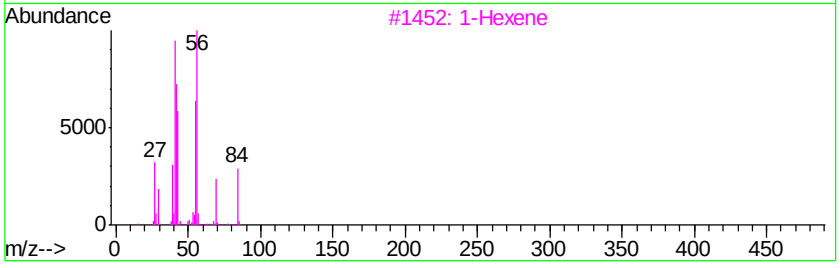
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	11.52 ng	251251	1,4-Dichlorobenzene-d4	8.07

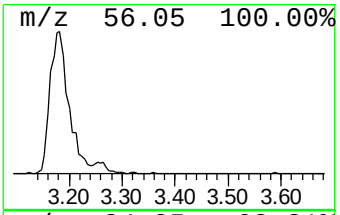
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	1-Hexene	84	C6H12	000592-41-6	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47

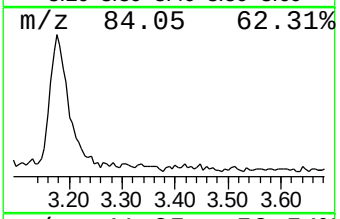


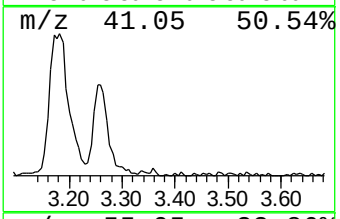


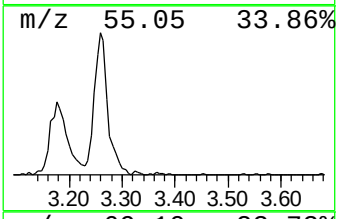


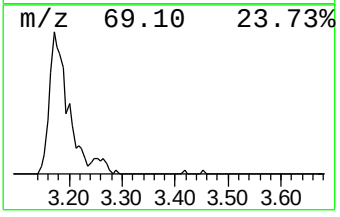












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Instrument : BNA_G
ClientSampleId : 20190769-SS-COMPOSITE-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

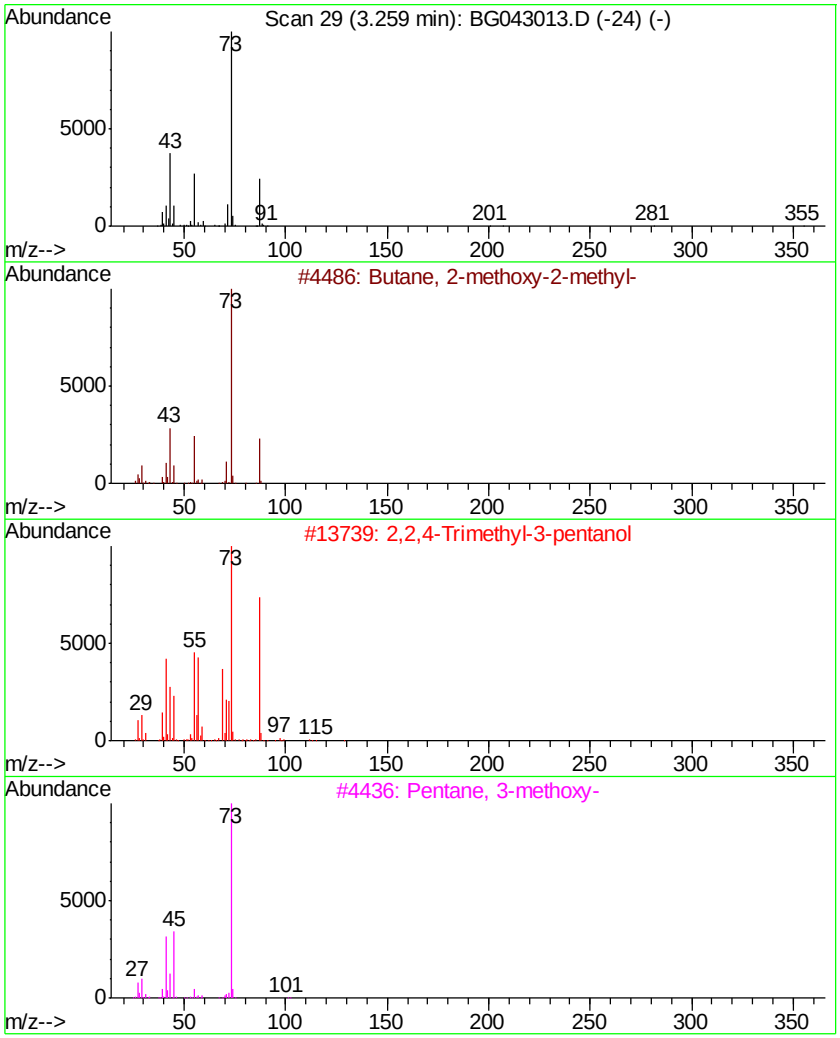
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

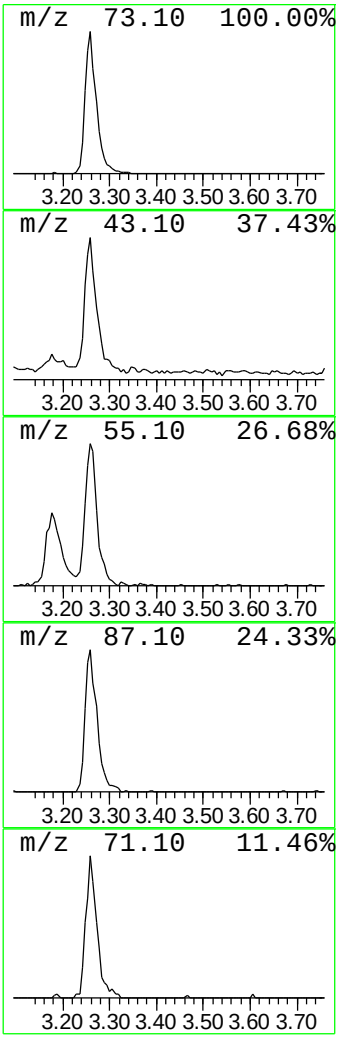
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	15.17 ng	330803	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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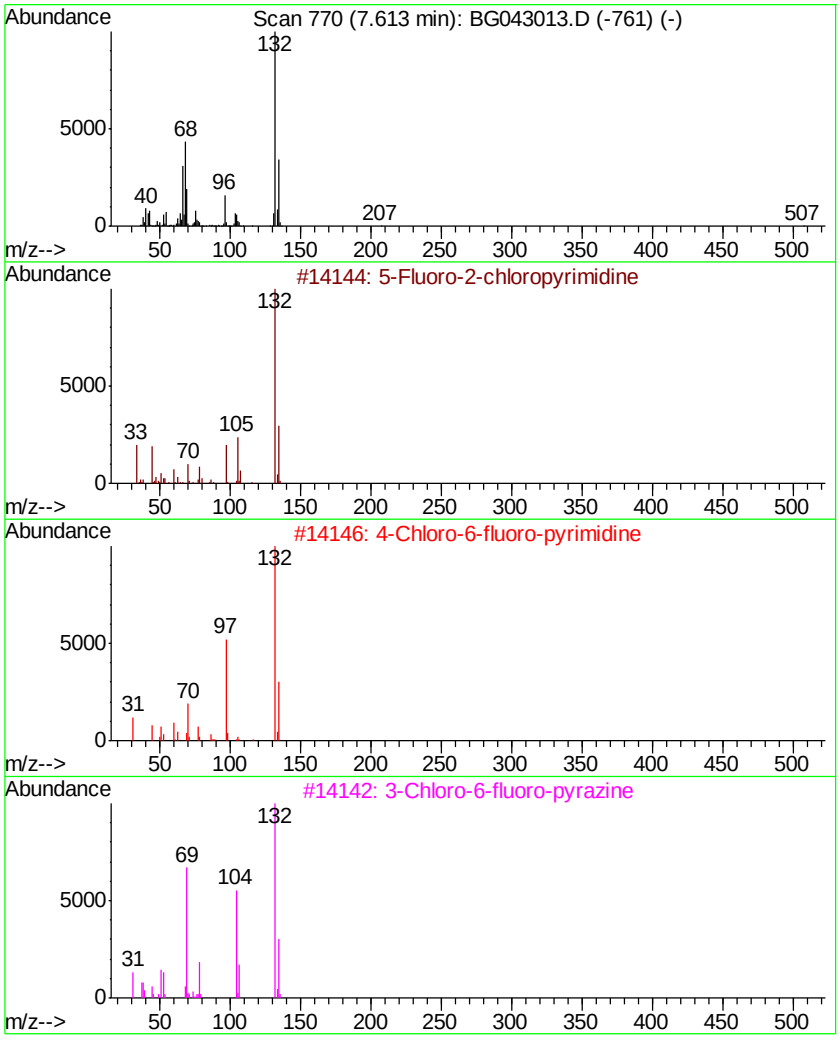
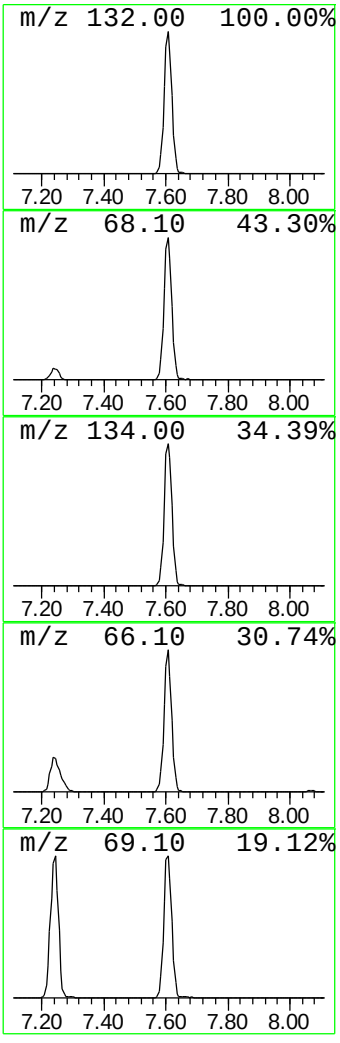
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	105.75 ng	2305700	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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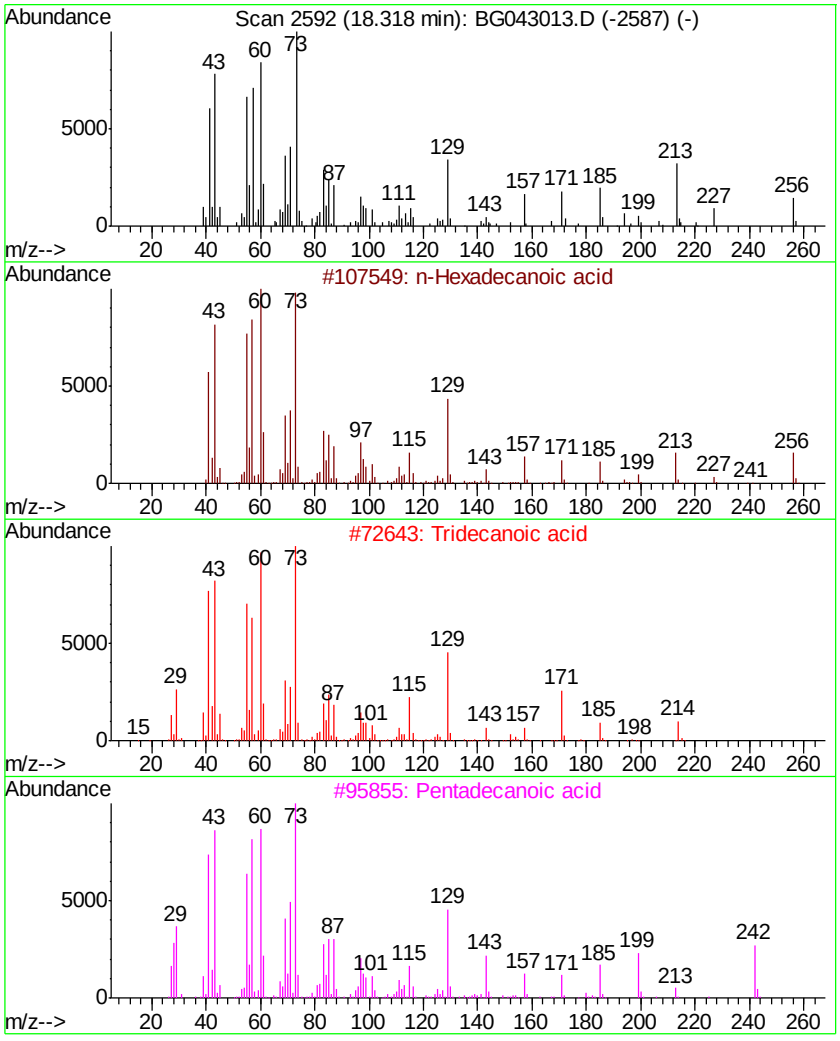
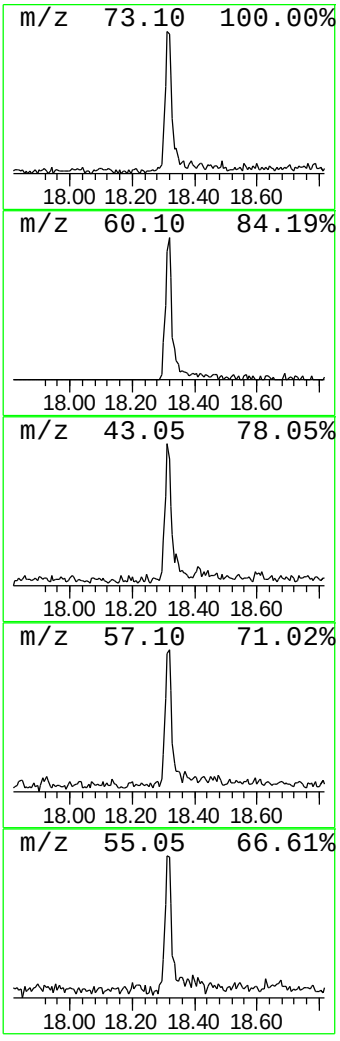
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.41 ng	181574	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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
1-Pentene, 2-methyl-	3.18	11.5	ng	251251	1	8.07	436080	20.0
Butane, 2-methoxy...	3.26	15.2	ng	330803	1	8.07	436080	20.0
unknown7.61	7.61	105.8	ng	2305700	1	8.07	436080	20.0
n-Hexadecanoic acid	18.32	3.4	ng	181574	4	17.42	1065930	20.0