LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043261.D
Acq On : 17 Oct 2019 1:23
Operator : JU
Sample : K5352-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-D

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	3.152	4	11	20	rBV2	136155	357590	12.77%	2.167%
2	3.229	20	24	37	rVB	98011	187541	6.70%	1.136%
3	5.632	426	433	448	rBV	596067	1075392	38.41%	6.517%
4	7.224	697	704	720	rBV	660477	1241168	44.33%	7.521%
5	7.588	759	766	780	rBV	679834	1224432	43.73%	7.420%
6	8.052	838	845	853	rBV	183544	324349	11.58%	1.966%
7	8.376	893	900	914	rBV	529482	951070	33.97%	5.763%
8	9.210	1035	1042	1060	rBV	353867	738699	26.38%	4.476%
9	10.855	1314	1322	1337	rBV	194231	410432	14.66%	2.487%
10	13.299	1731	1738	1755	rBV	1113616	1861338	66.48%	11.279%
11	14.122	1872	1878	1891	rBV	124278	208028	7.43%	1.261%
12	14.674	1965	1972	1987	rBV	355163	627556	22.41%	3.803%
13	16.166	2219	2226	2240	rBV	922416	1602796	57.24%	9.713%
14	17.424	2432	2440	2452	rBV2	436019	761181	27.19%	4.613%
15	17.541	2456	2460	2464	rVB6	25874	36507	1.30%	0.221%
16	18.311	2587	2591	2596	rBV3	39568	66945	2.39%	0.406%
17	20.033	2878	2884	2894	rBV	2095112	2799930	100.00%	16.967%
18	21.337	3102	3106	3114	rBV3	76155	143699	5.13%	0.871%
19	21.695	3161	3167	3176	rBV2	467904	881738	31.49%	5.343%
20	24.927	3708	3717	3733	rVB2	323299	1001645	35.77%	6.070%

Sum of corrected areas: 16502036

LSC Report - Integrated Chromatogram

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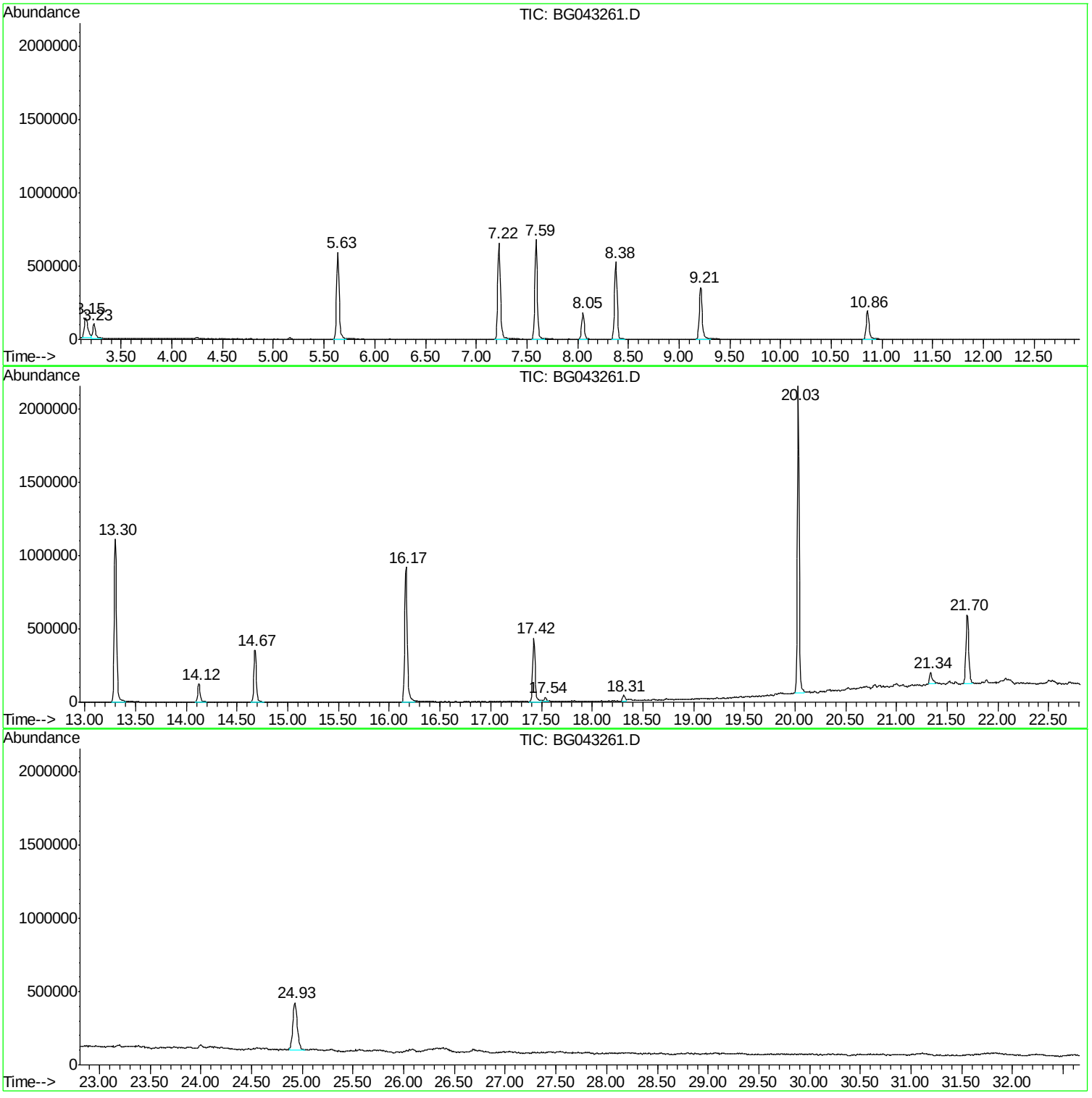
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-20A-D

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

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Data File : BG043261.D
Acq On : 17 Oct 2019 1:23
Operator : JU
Sample : K5352-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-D

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

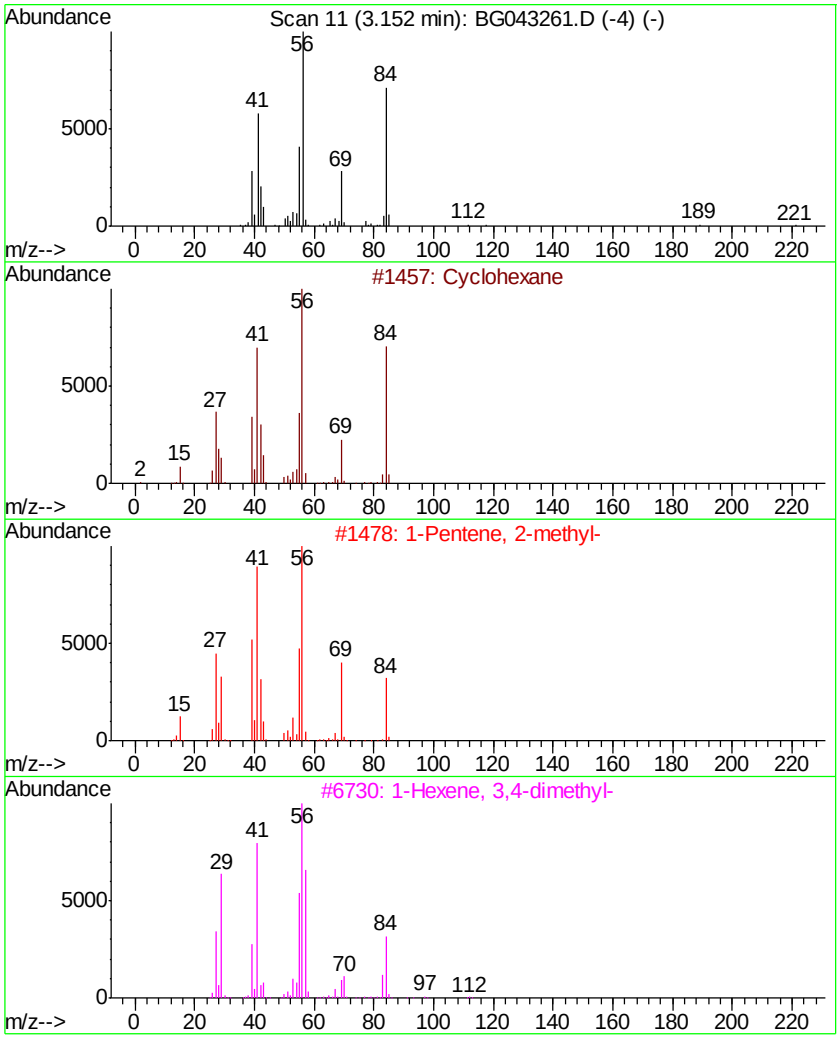
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

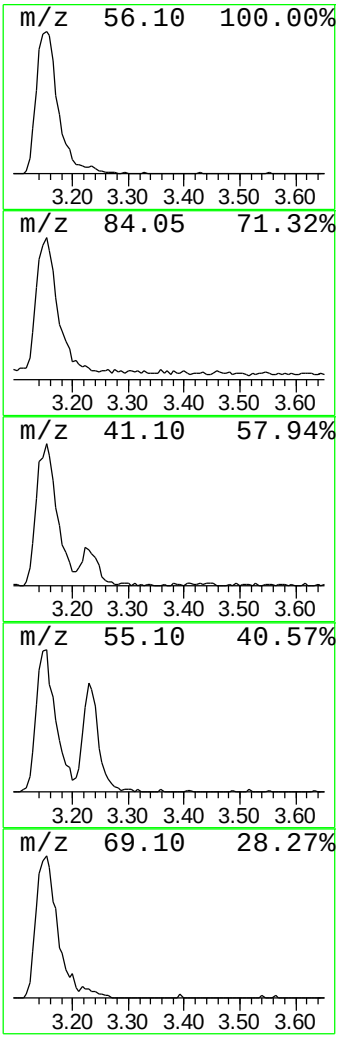
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	22.05 ng	357590	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	72
4	1-Hexene	84	C6H12	000592-41-6	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





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Data File : BG043261.D
Acq On : 17 Oct 2019 1:23
Operator : JU
Sample : K5352-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-D

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

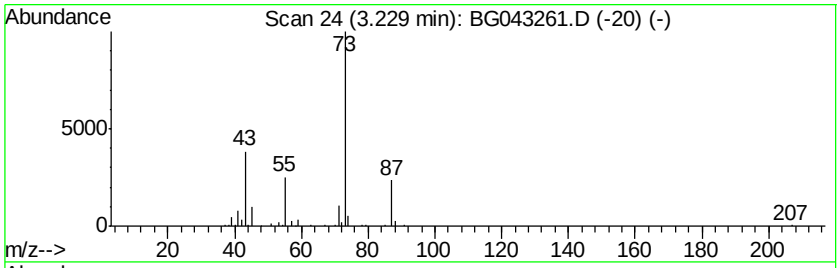
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

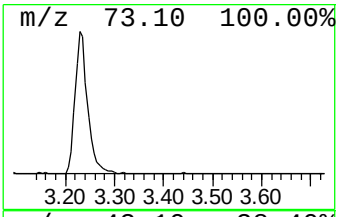
****

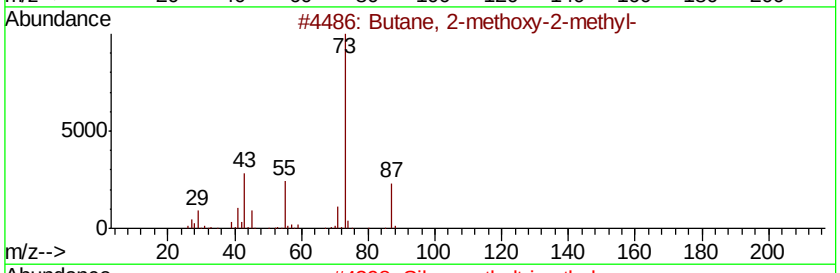
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

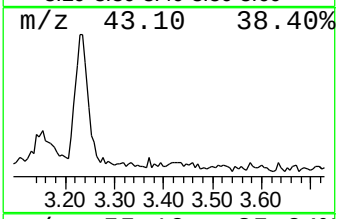
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	11.56 ng	187541	1,4-Dichlorobenzene-d4	8.05

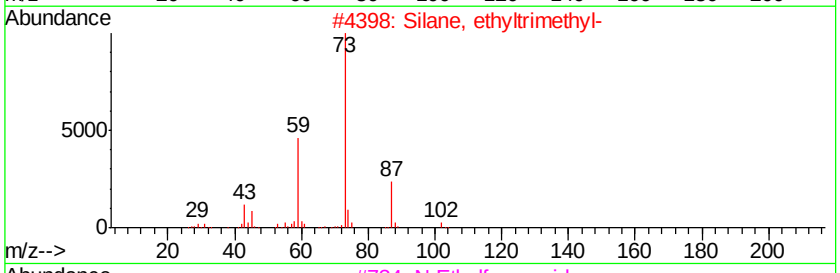
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5	Disilane, ethylpentamethyl-	160	C7H20Si2	015063-64-6	9

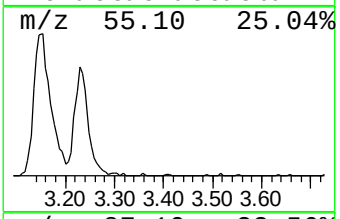


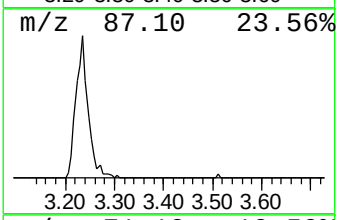


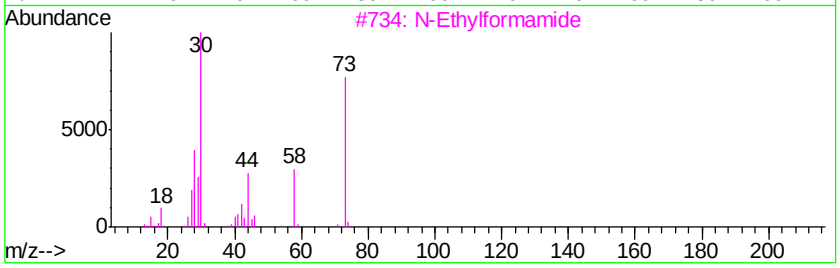


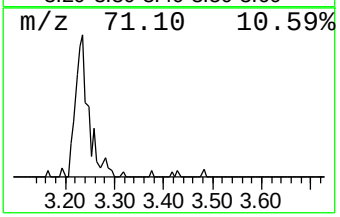












Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-D

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

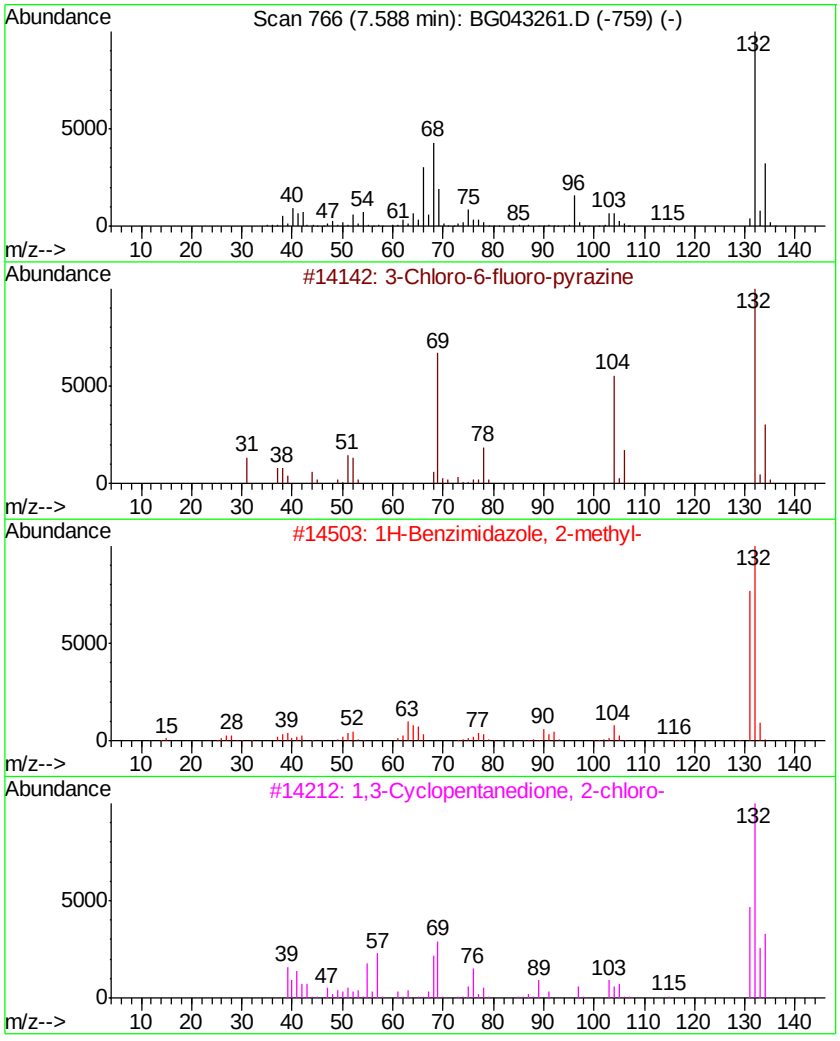
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

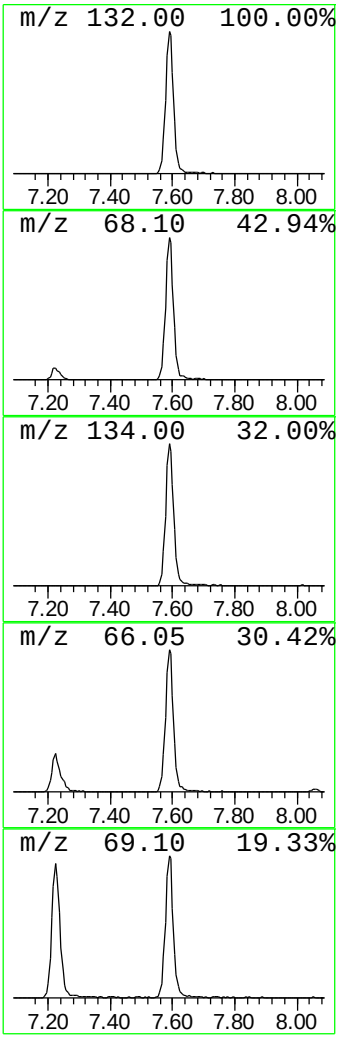
****

Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	75.50 ng	1224430	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





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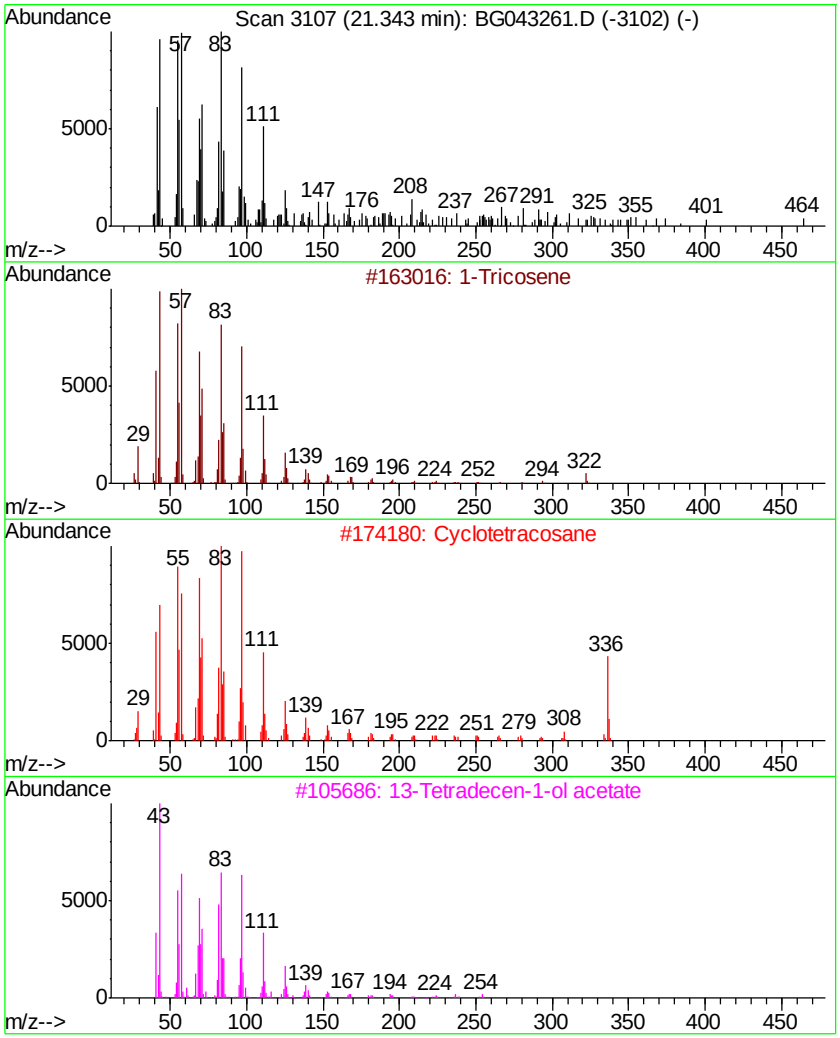
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

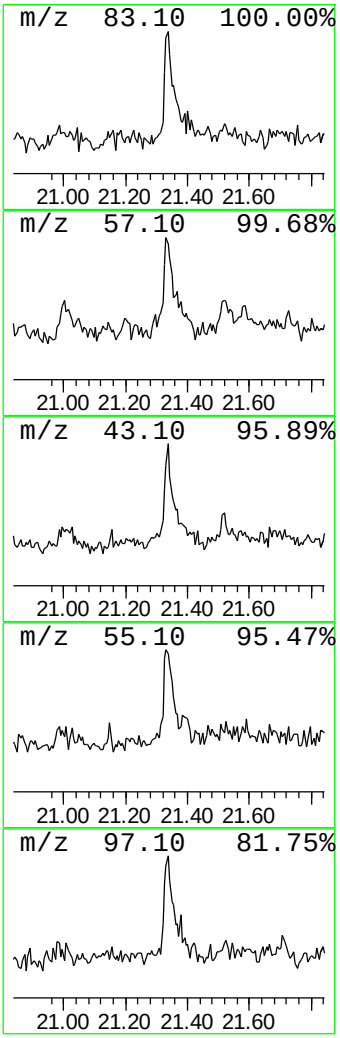
****

Peak Number 5 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.26 ng	143699	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	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
1-Pentene, 2-methyl-	3.15	22.1	ng	357590	1	8.05	324349	20.0
Butane, 2-methoxy...	3.23	11.6	ng	187541	1	8.05	324349	20.0
unknown7.59	7.59	75.5	ng	1224430	1	8.05	324349	20.0
1-Tricosene	21.34	3.3	ng	143699	5	21.70	881738	20.0