LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043256.D
Acq On : 16 Oct 2019 22:10
Operator : JU
Sample : K5350-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-230

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	19	rBV3	54875	136697	3.55%	0.656%
2	3.229	19	24	36	rVB	153042	267495	6.94%	1.283%
3	5.632	425	433	447	rBV	851280	1495930	38.81%	7.174%
4	7.230	696	705	722	rBV	898557	1714506	44.48%	8.223%
5	7.594	759	767	776	rBV	926322	1658325	43.02%	7.953%
6	8.052	839	845	853	rBV	178913	309071	8.02%	1.482%
7	8.376	892	900	912	rBV	707513	1284305	33.32%	6.159%
8	9.216	1033	1043	1055	rBV	519076	1016219	26.36%	4.874%
9	10.855	1314	1322	1335	rBV	188089	395153	10.25%	1.895%
10	13.299	1731	1738	1755	rBV	1419009	2428122	62.99%	11.645%
11	14.128	1873	1879	1892	rBV	125351	224498	5.82%	1.077%
12	14.680	1964	1973	1983	rBV2	343234	595315	15.44%	2.855%
13	16.166	2218	2226	2242	rBV	1312222	2228954	57.82%	10.690%
14	17.424	2434	2440	2454	rBV2	441237	763254	19.80%	3.661%
15	17.541	2455	2460	2467	rVB4	40431	61907	1.61%	0.297%
16	18.311	2587	2591	2607	rBV5	46288	98642	2.56%	0.473%
17	20.032	2878	2884	2897	rBV	2868738	3854941	100.00%	18.488%
18	21.337	3101	3106	3116	rBV	112766	231765	6.01%	1.112%
19	21.695	3160	3167	3178	rBV	486522	934794	24.25%	4.483%
20	23.193	3417	3422	3428	rVB6	22981	46883	1.22%	0.225%
21	23.998	3552	3559	3566	rVB5	28537	66258	1.72%	0.318%
22	24.927	3706	3717	3732	rBV2	333275	1037957	26.93%	4.978%

Sum of corrected areas: 20850991

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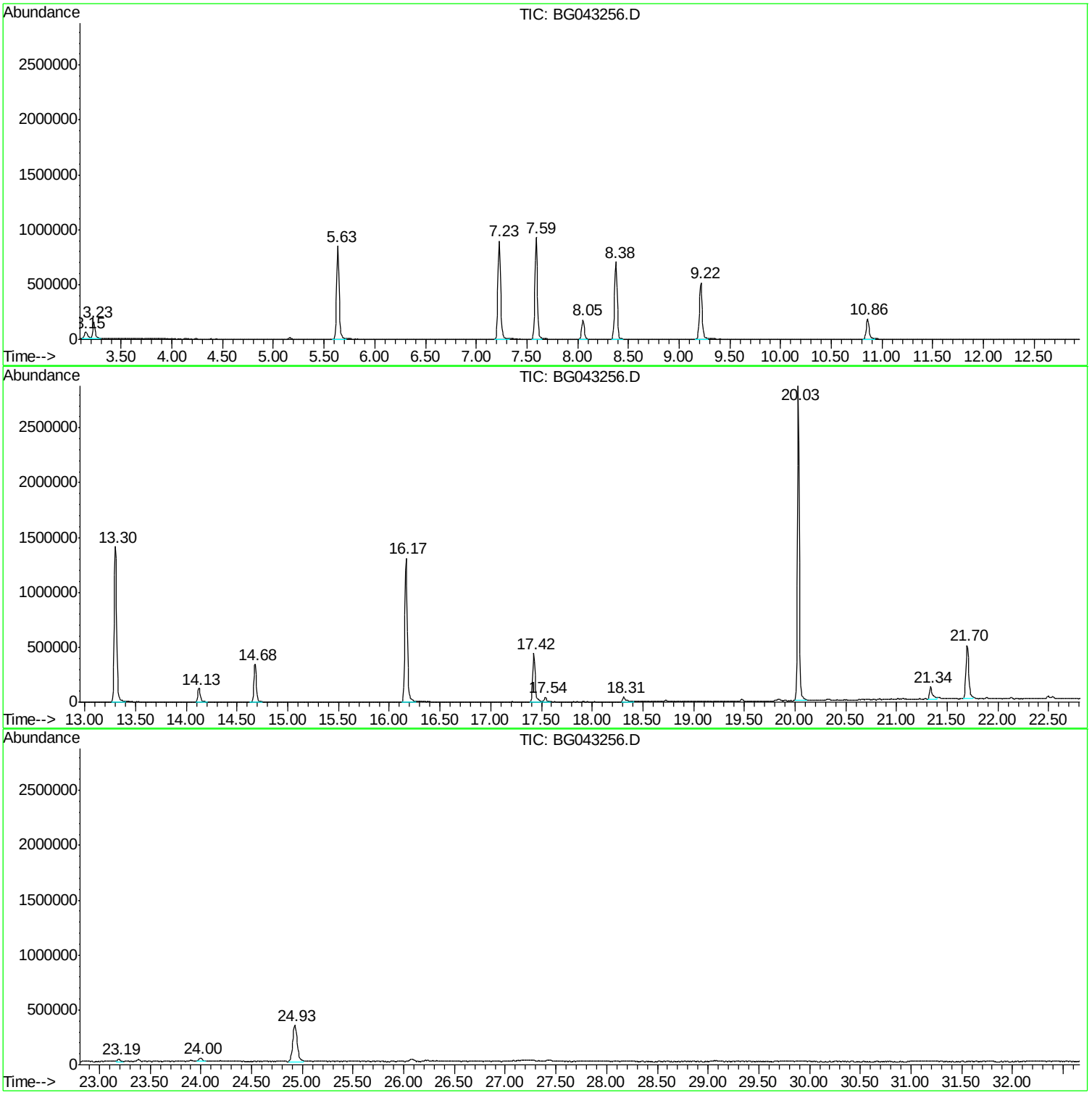
ClientSampleId : VNJ-230

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



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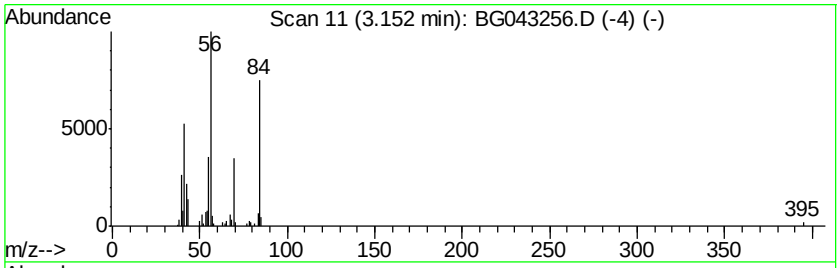
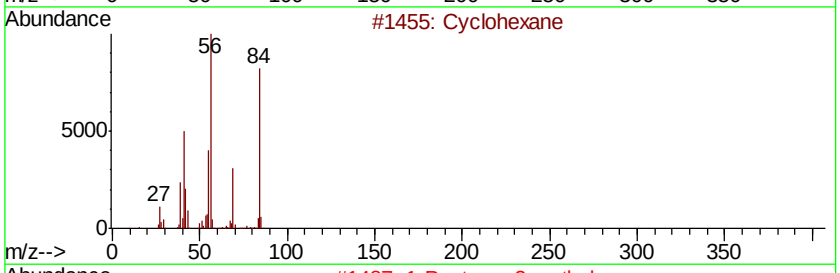
****

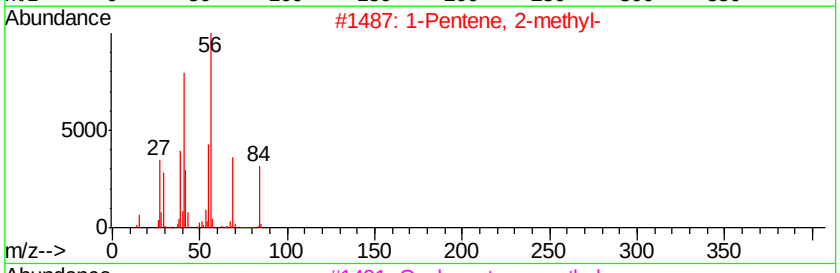
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

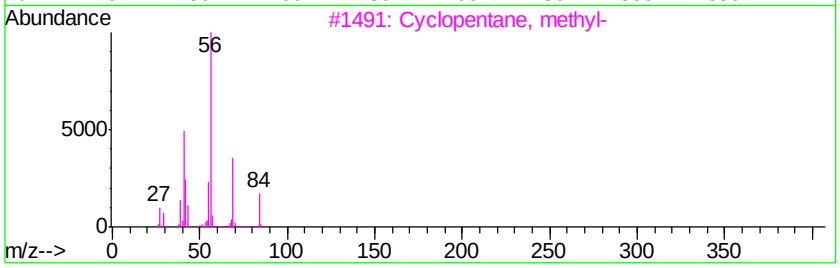
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	8.85 ng	136697	1,4-Dichlorobenzene-d4	8.05

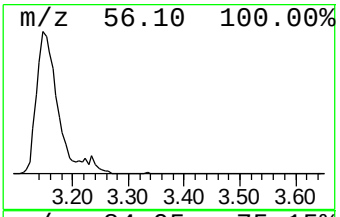
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	50
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	47

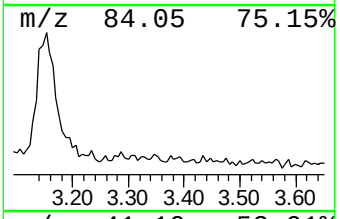


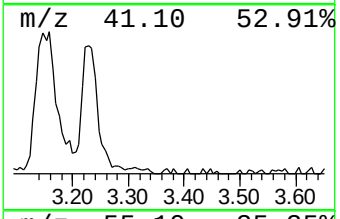


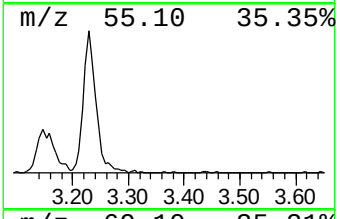


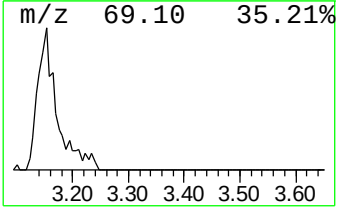












Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : VNJ-230

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

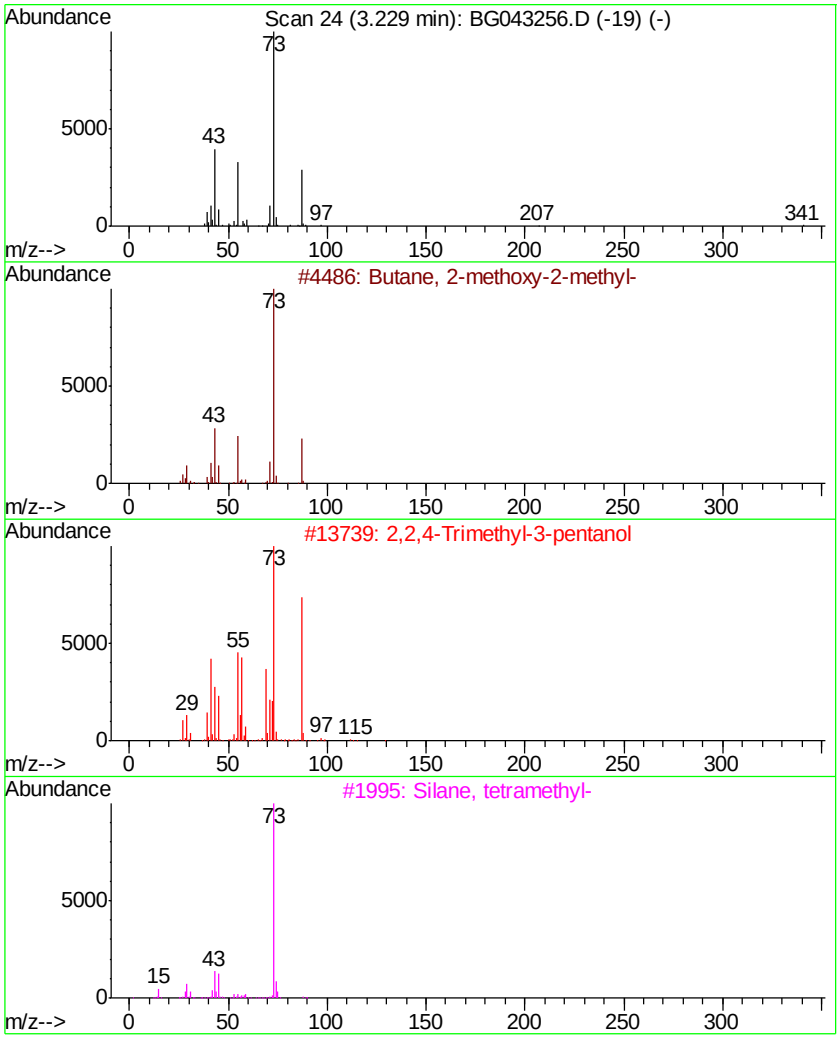
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

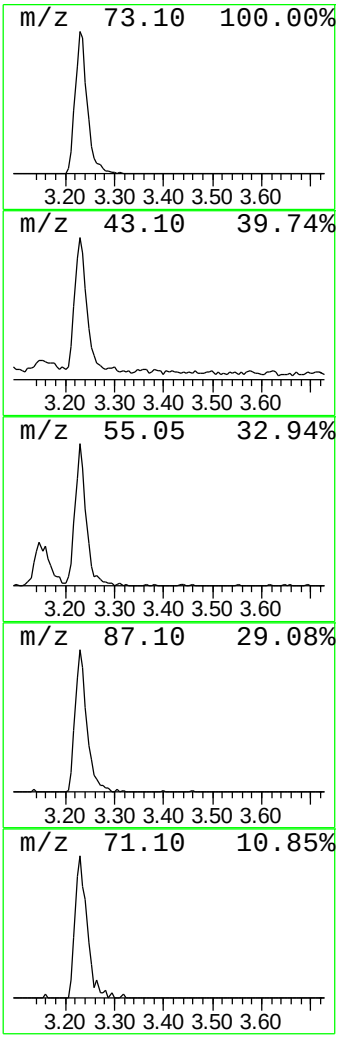
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	17.31 ng	267495	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	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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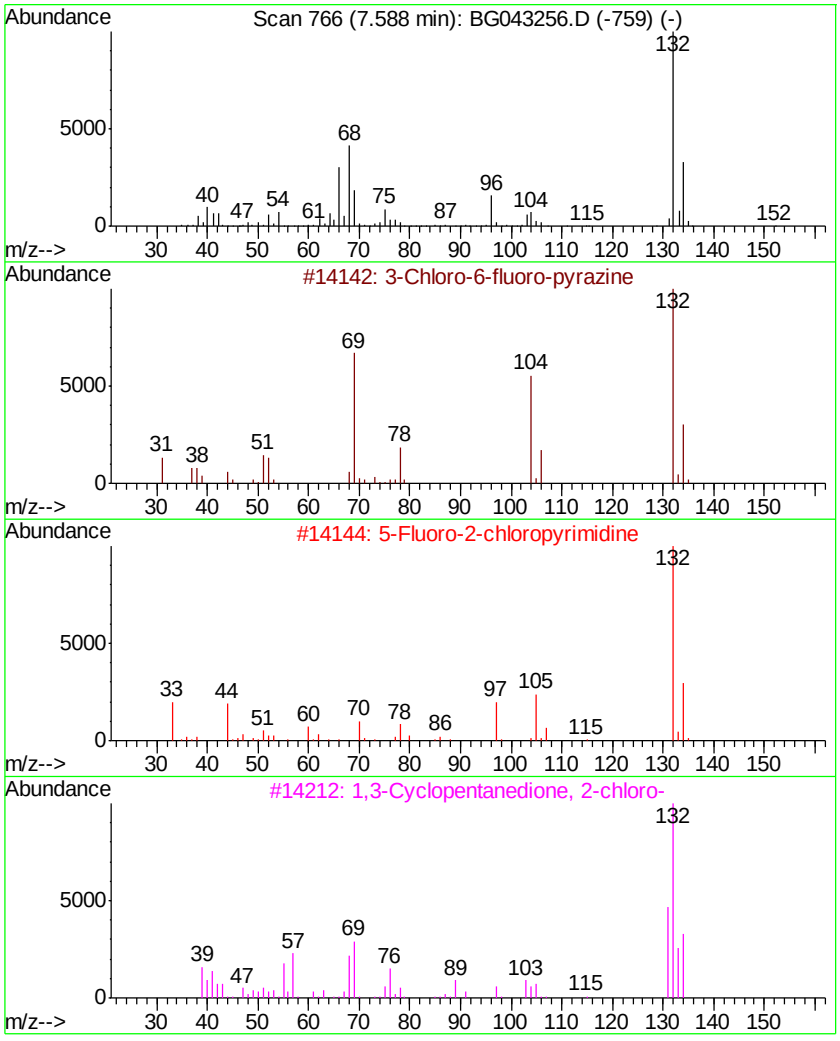
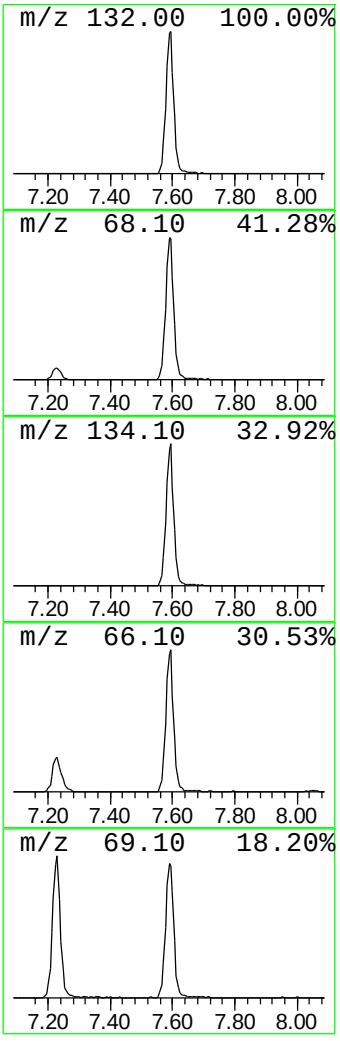
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	107.31 ng	1658330	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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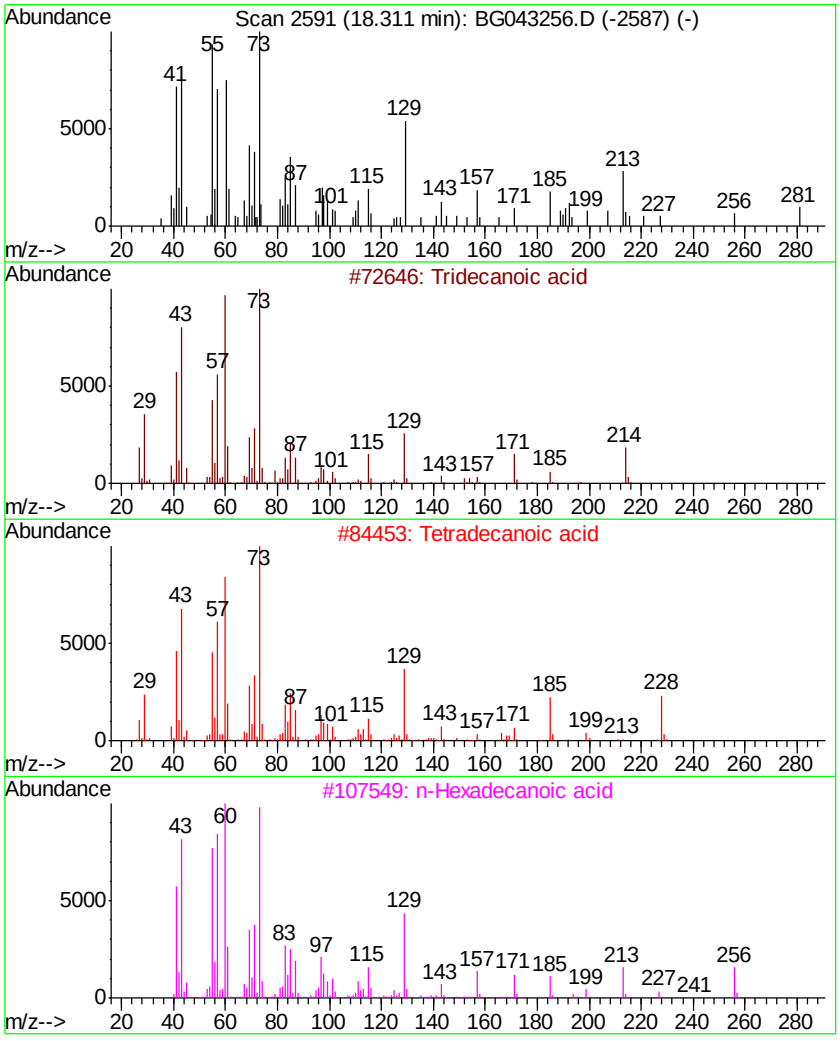
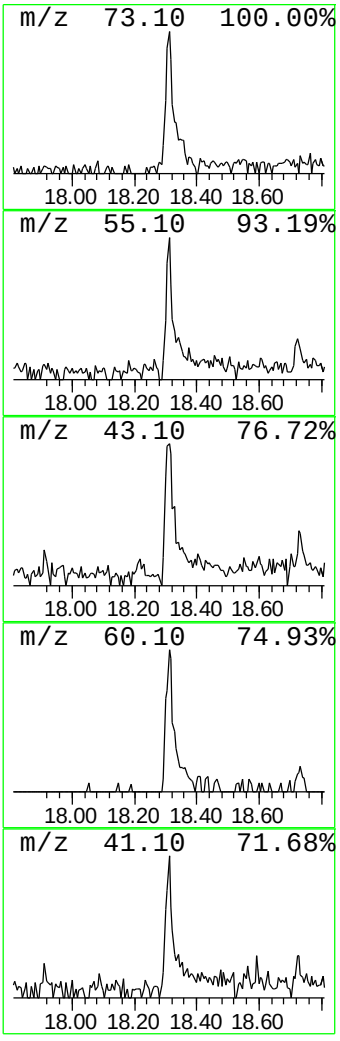
****

Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.58 ng	98642	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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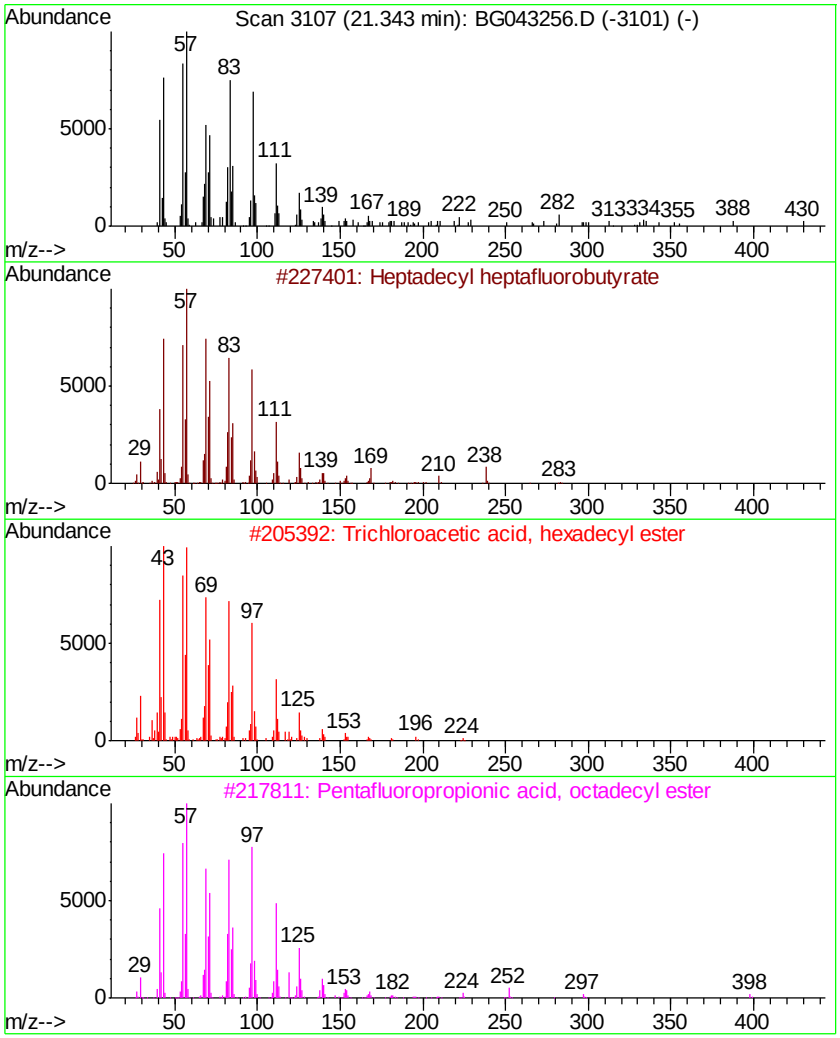
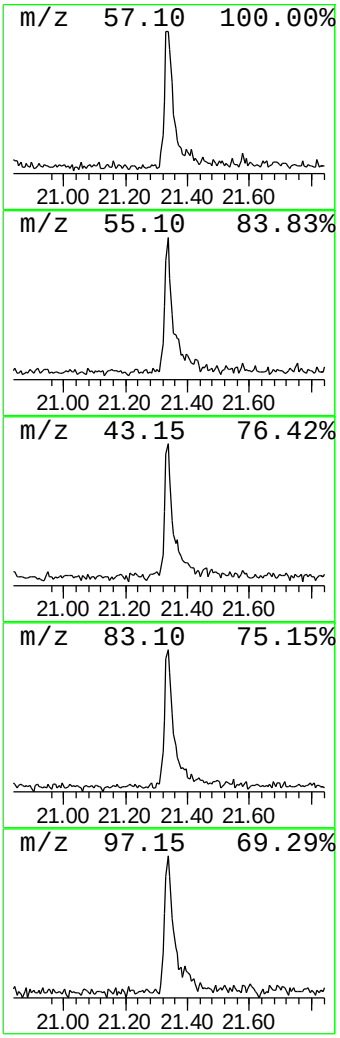
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	4.96 ng	231765	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	1-Tricosene	322	C23H46	018835-32-0	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	8.8	ng	136697	1	8.05	309071	20.0
Butane, 2-methoxy...	3.23	17.3	ng	267495	1	8.05	309071	20.0
unknown7.59	7.59	107.3	ng	1658330	1	8.05	309071	20.0
Tridecanoic acid	18.31	2.6	ng	98642	4	17.42	763254	20.0
Heptadecyl heptaf...	21.34	5.0	ng	231765	5	21.70	934794	20.0