LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043576.D
Acq On : 8 Nov 2019 19:19
Operator : JU
Sample : K5742-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-17-(6-8)

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-BG102119.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	3.164	8	13	26	rVB	116827	194178	7.92%	1.535%
2	5.109	337	344	354	rBV	97536	162005	6.61%	1.281%
3	5.602	421	428	440	rBV	490436	858690	35.02%	6.788%
4	7.206	692	701	718	rBV	528299	1031125	42.05%	8.151%
5	7.553	752	760	777	rBV	540467	986378	40.22%	7.798%
6	8.005	830	837	847	rBV	94963	169747	6.92%	1.342%
7	8.328	884	892	905	rBV	408056	726998	29.65%	5.747%
8	9.168	1027	1035	1051	rBV	272138	569594	23.23%	4.503%
9	10.808	1307	1314	1324	rBV	98493	206515	8.42%	1.633%
10	13.258	1724	1731	1747	rBV	793228	1372990	55.99%	10.854%
11	14.086	1867	1872	1883	rBV	46947	87589	3.57%	0.692%
12	14.633	1958	1965	1980	rBV	198392	342753	13.98%	2.710%
13	16.125	2212	2219	2241	rBV	819553	1424886	58.11%	11.264%
14	17.382	2426	2433	2443	rBV	256359	445678	18.17%	3.523%
15	17.500	2449	2453	2462	rVB2	15314	27294	1.11%	0.216%
16	18.270	2580	2584	2592	rBV2	23573	44622	1.82%	0.353%
17	19.991	2871	2877	2890	rBV	1726444	2452253	100.00%	19.386%
18	20.784	3008	3012	3017	rBV2	21890	28504	1.16%	0.225%
19	21.290	3093	3098	3110	rBV3	75048	184121	7.51%	1.456%
20	21.648	3151	3159	3170	rBV	288408	546493	22.29%	4.320%
21	21.824	3186	3189	3196	rVB	27042	40135	1.64%	0.317%
22	22.429	3288	3292	3297	rBV2	26909	42045	1.71%	0.332%
23	23.111	3402	3408	3415	rBV5	30650	60079	2.45%	0.475%
24	23.904	3537	3543	3549	rBV6	23887	50448	2.06%	0.399%
25	24.832	3692	3701	3718	rBV2	195577	594576	24.25%	4.700%

Sum of corrected areas: 12649696

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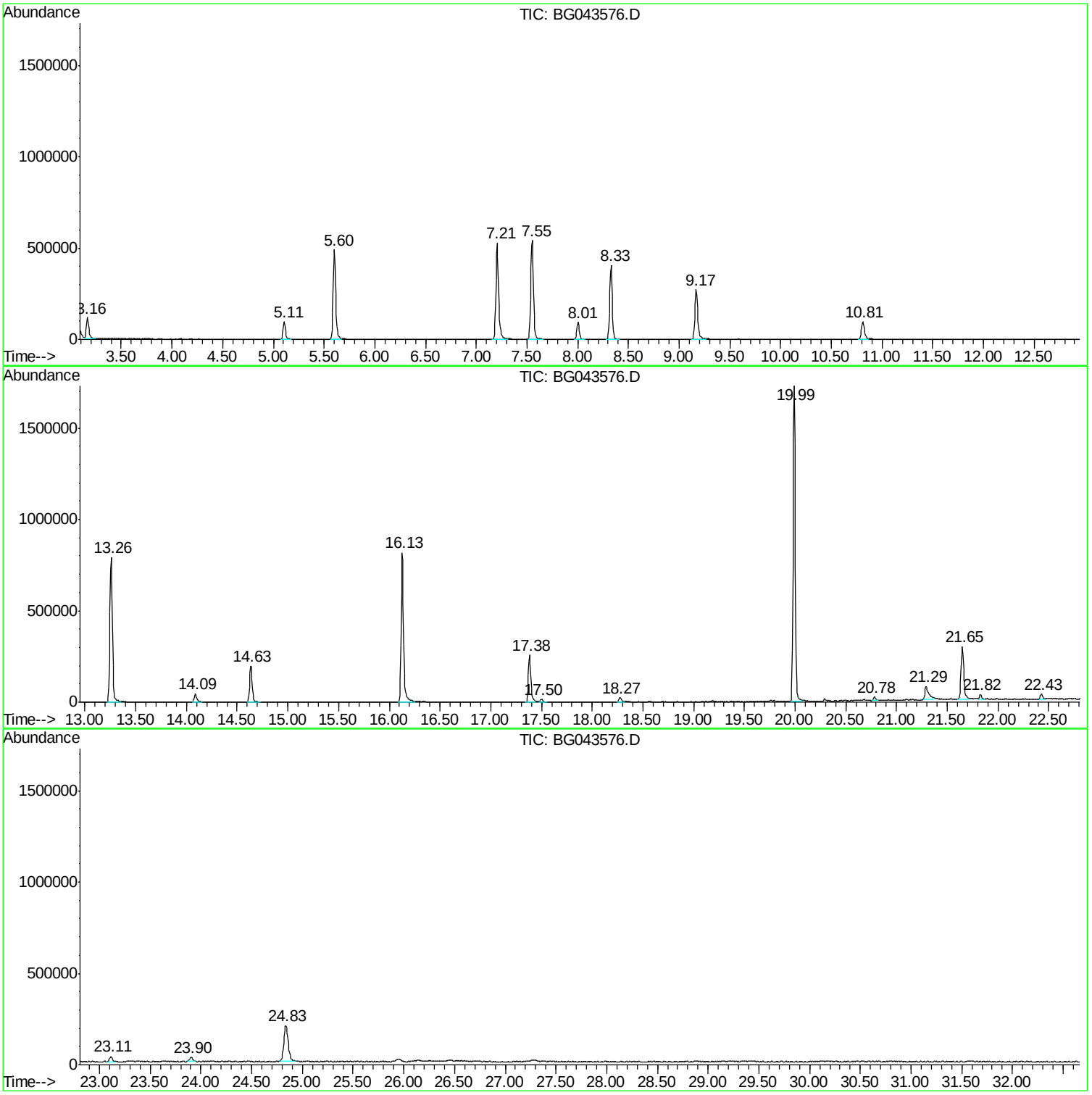
BNA_G
ClientSampleId :
SB-17-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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ClientSampleId : SB-17-(6-8)

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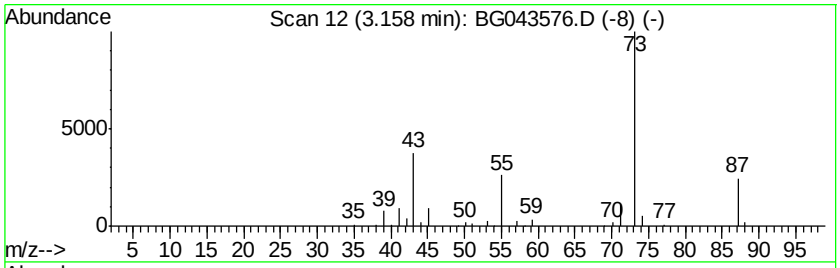
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

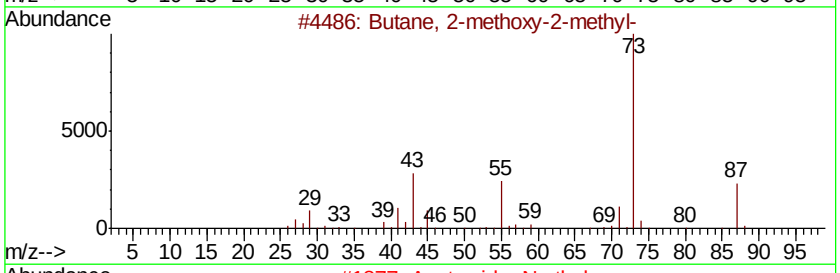
****

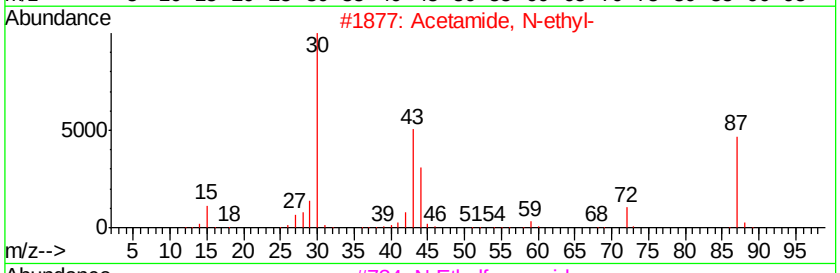
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

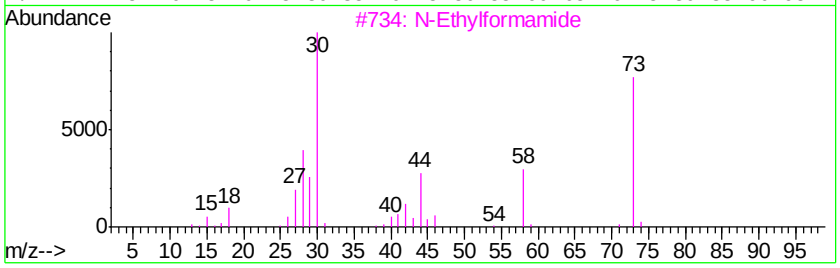
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	22.88 ng	194178	1,4-Dichlorobenzene-d4	8.01

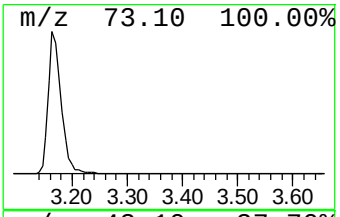
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9

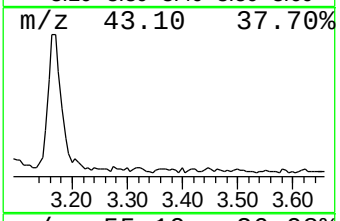


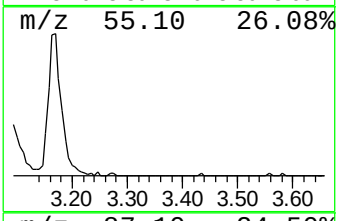


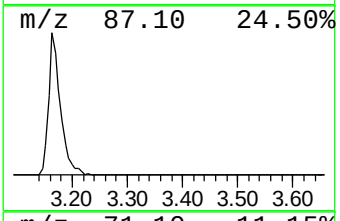


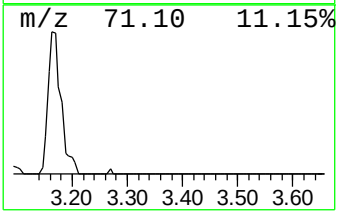












Library Search Compound Report

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Sample : K5742-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-17-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

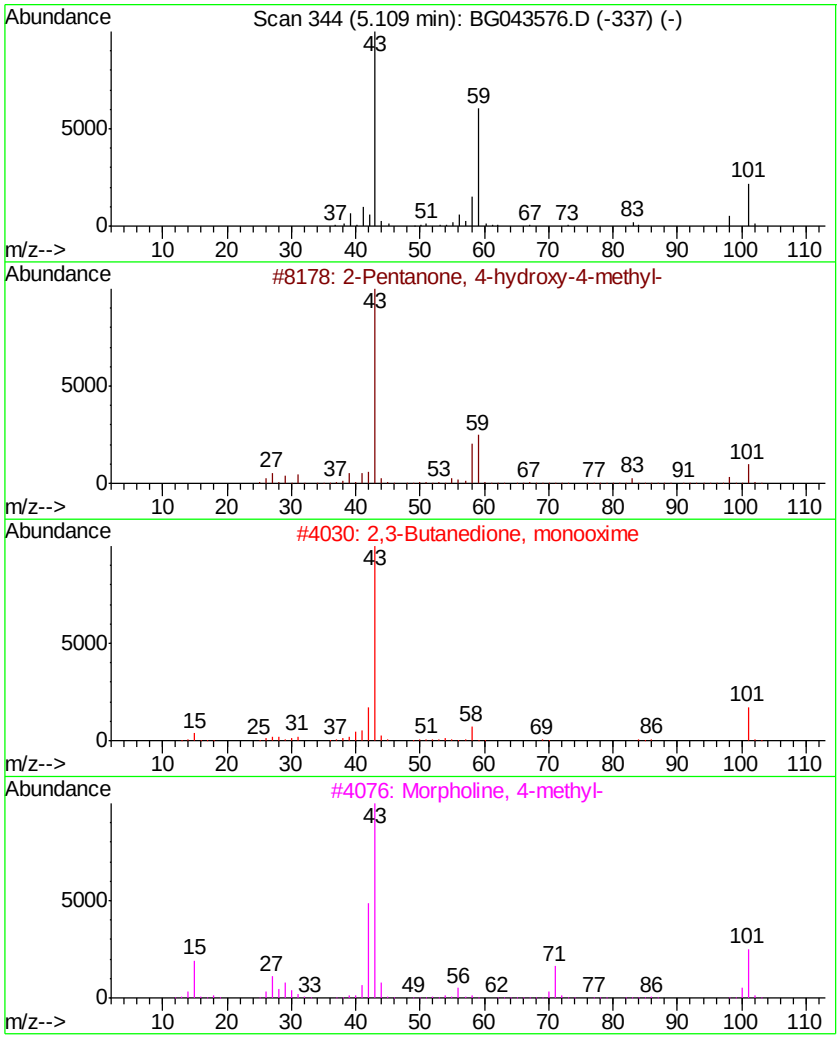
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

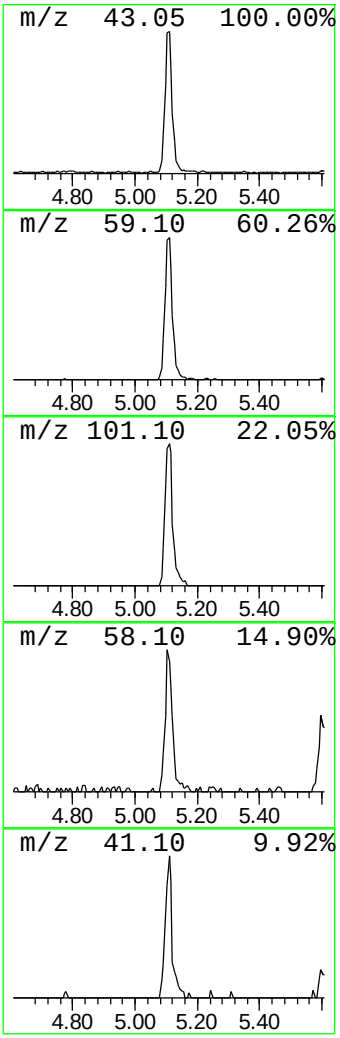
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	19.09 ng	162005	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Instrument : BNA_G
ClientSampleId : SB-17-(6-8)

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TIC Library : C:\Database\NIST11.L
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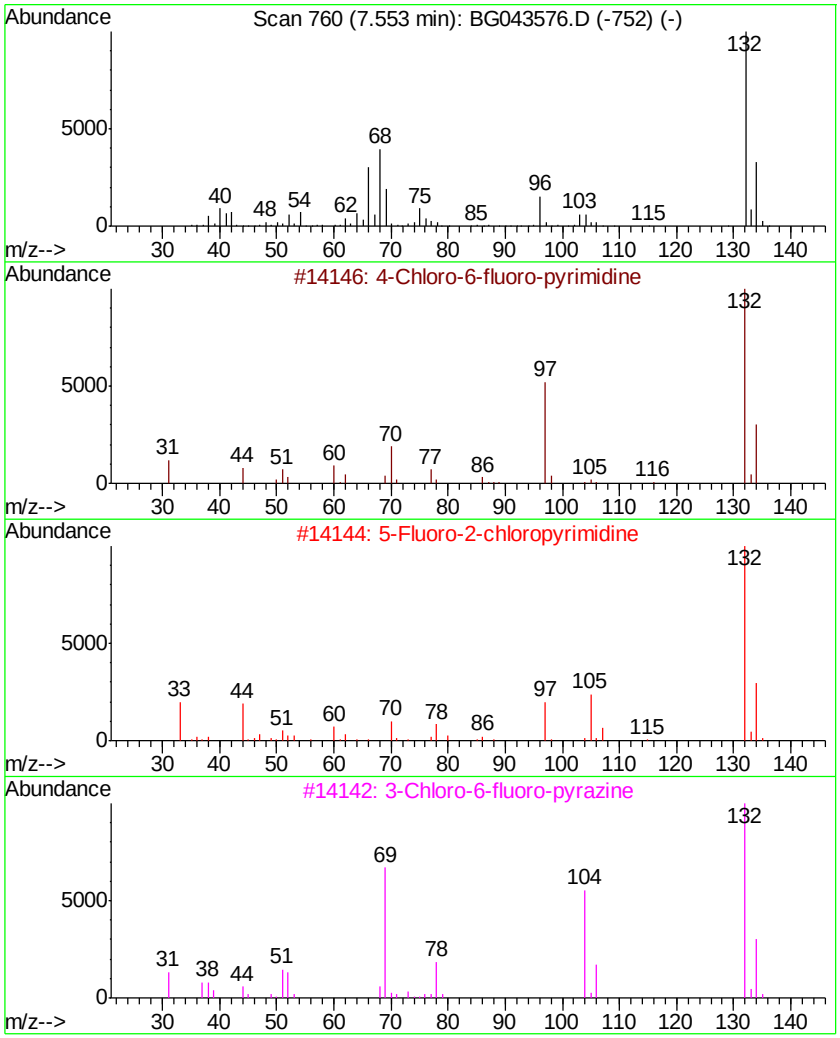
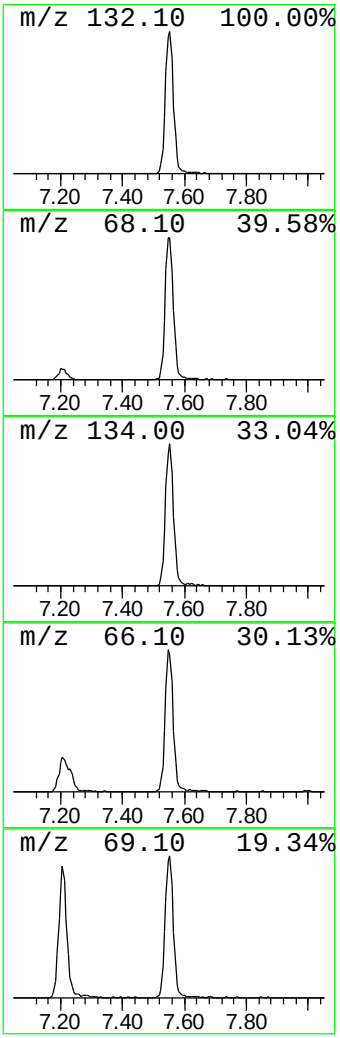
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	116.22 ng	986378	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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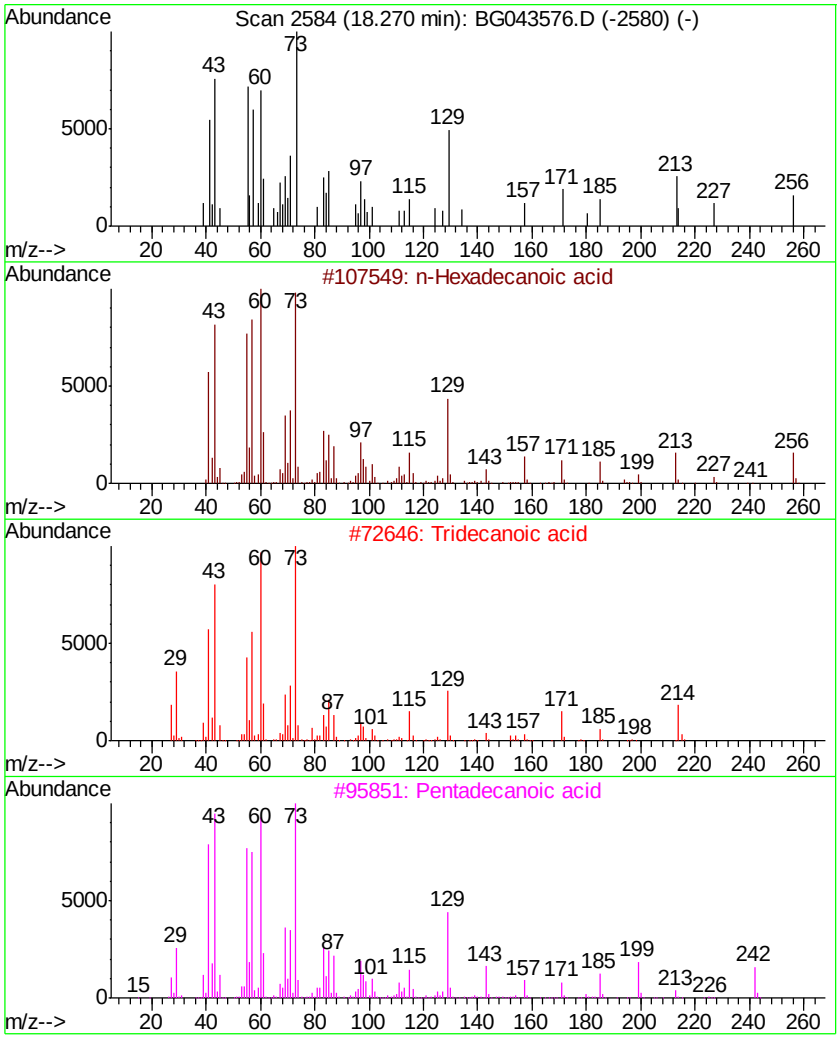
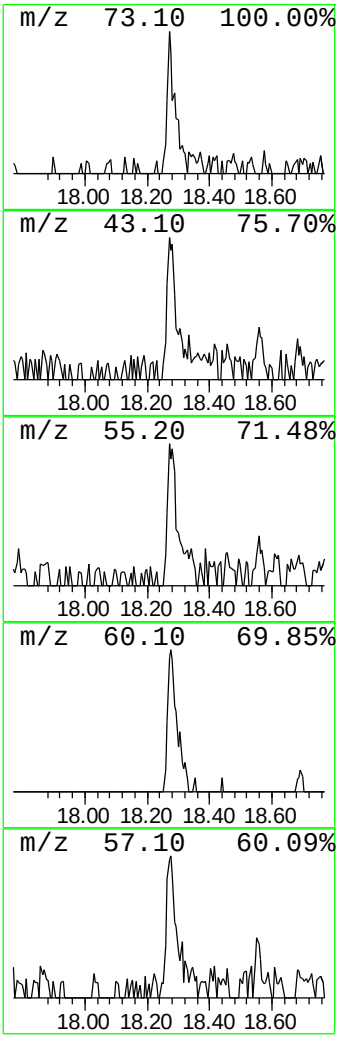
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.00 ng	44622	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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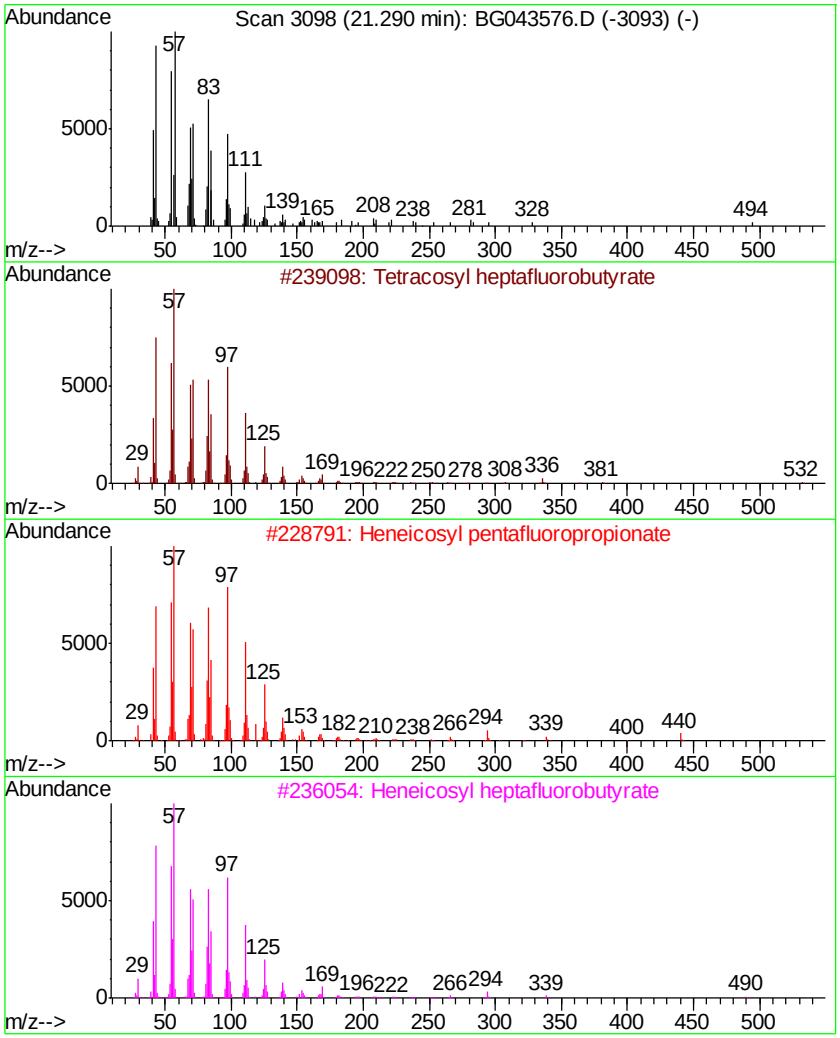
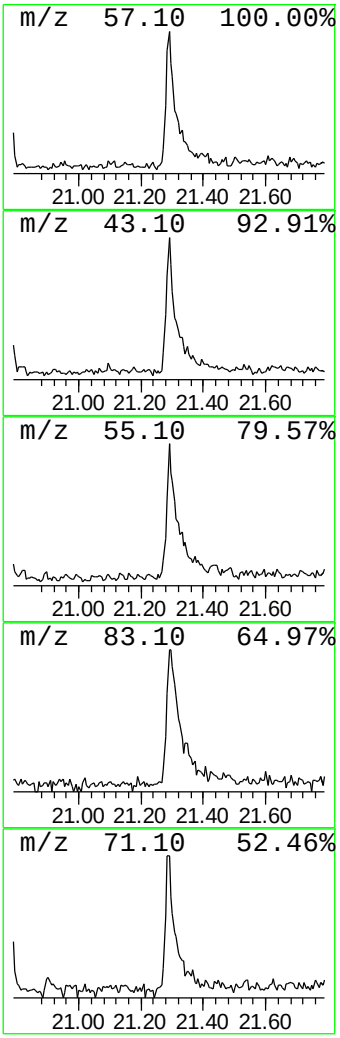
****

Peak Number 6 Tetracosyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	6.74 ng	184121	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
2	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	90
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83





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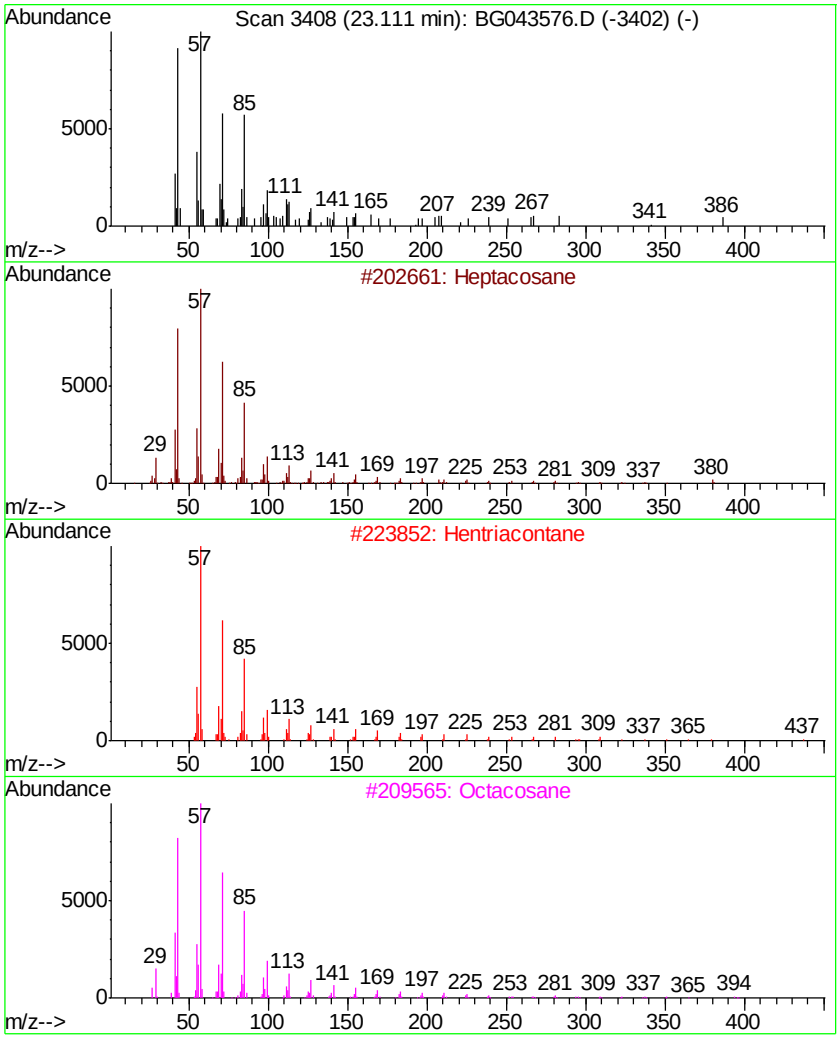
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

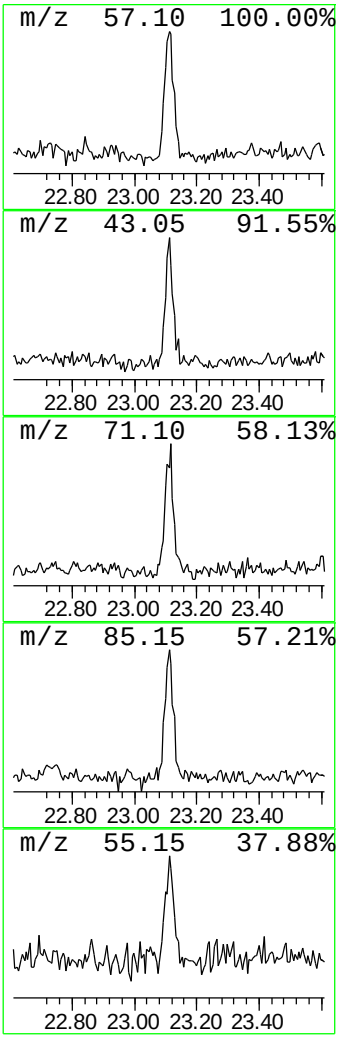
****

Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	2.20 ng	60079	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	68
2	Hentriacontane	437	C31H64	000630-04-6	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Eicosane	282	C20H42	000112-95-8	68





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	22.9	ng	194178	1	8.01	169747	20.0
2-Pentanone, 4-hy...	5.11	19.1	ng	162005	1	8.01	169747	20.0
unknown7.55	7.55	116.2	ng	986378	1	8.01	169747	20.0
n-Hexadecanoic acid	18.27	2.0	ng	44622	4	17.38	445678	20.0
Tetracosyl heptaf...	21.29	6.7	ng	184121	5	21.65	546493	20.0
Heptacosane	23.11	2.2	ng	60079	5	21.65	546493	20.0