LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043018.D
Acq On : 3 Oct 2019 19:05
Operator : JU
Sample : K5168-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019070-SS-COMPOSITE-10

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	3.185	9	16	23	rBV2	70838	190789	3.54%	0.652%
2	3.261	23	29	42	rVB	153561	294800	5.47%	1.008%
3	5.652	429	436	449	rBV	1284221	2131875	39.56%	7.288%
4	7.239	698	706	717	rBV	1351803	2507280	46.53%	8.571%
5	7.609	760	769	782	rBV	1338353	2351379	43.64%	8.038%
6	8.067	840	847	854	rBV	252885	443441	8.23%	1.516%
7	8.390	894	902	911	rBV	989758	1760857	32.68%	6.019%
8	9.225	1034	1044	1060	rBV	769416	1459057	27.08%	4.988%
9	10.870	1317	1324	1333	rBV	307833	572015	10.62%	1.955%
10	13.314	1731	1740	1752	rBV	2128086	3399942	63.10%	11.623%
11	14.131	1873	1879	1886	rBV	273550	418174	7.76%	1.430%
12	14.683	1967	1973	1982	rBV2	516732	851719	15.81%	2.912%
13	16.169	2219	2226	2239	rBV	1989775	3130290	58.09%	10.701%
14	17.427	2432	2440	2451	rBV2	680434	1068256	19.83%	3.652%
15	18.314	2586	2591	2603	rBV2	121639	195743	3.63%	0.669%
16	20.035	2878	2884	2893	rBV	3988123	5388389	100.00%	18.420%
17	21.352	3102	3108	3126	rBV4	116656	493501	9.16%	1.687%
18	21.692	3160	3166	3176	rBV2	725331	1240129	23.01%	4.239%
19	24.918	3704	3715	3729	rBV	467243	1355081	25.15%	4.632%

Sum of corrected areas: 29252717

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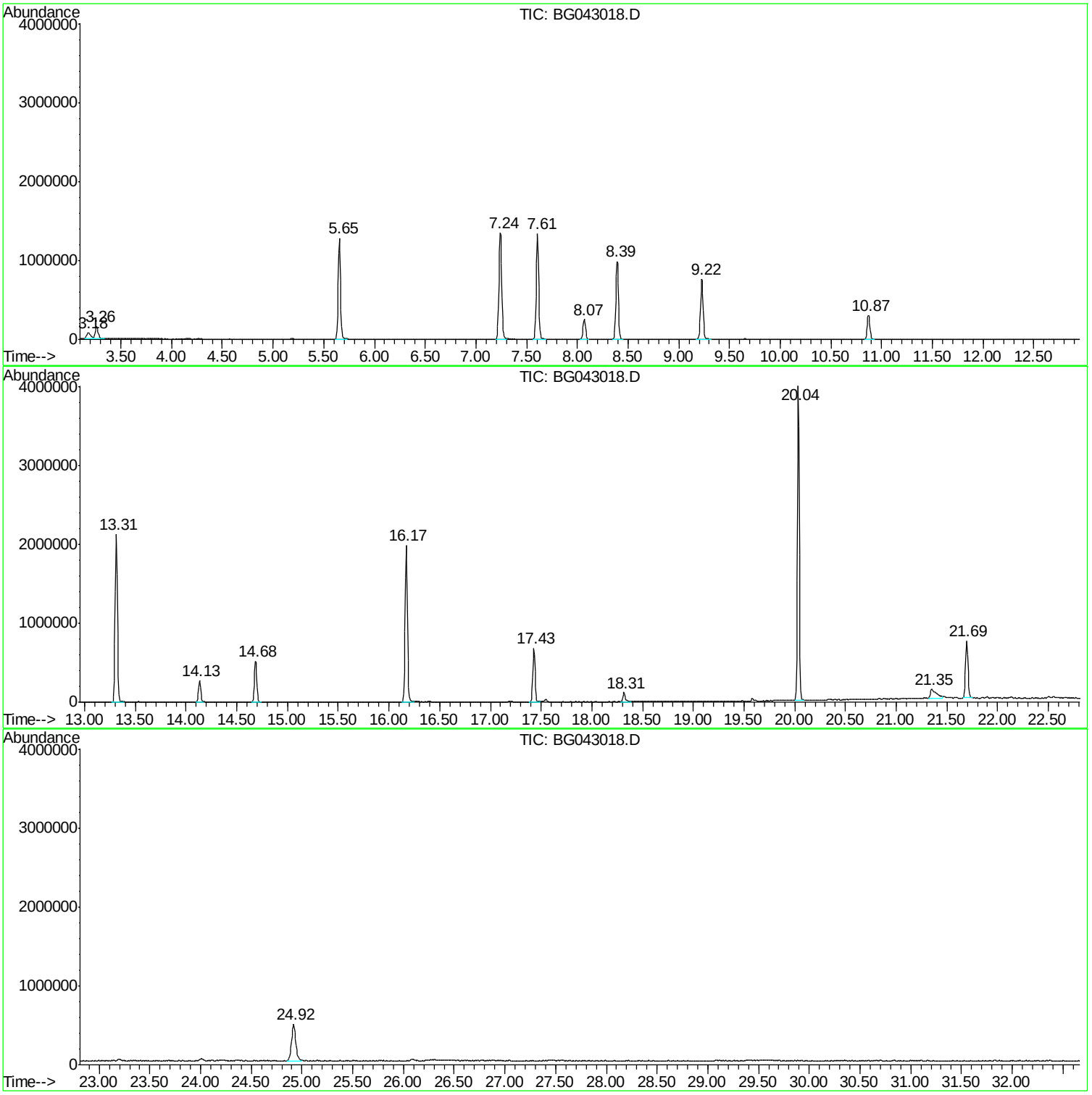
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

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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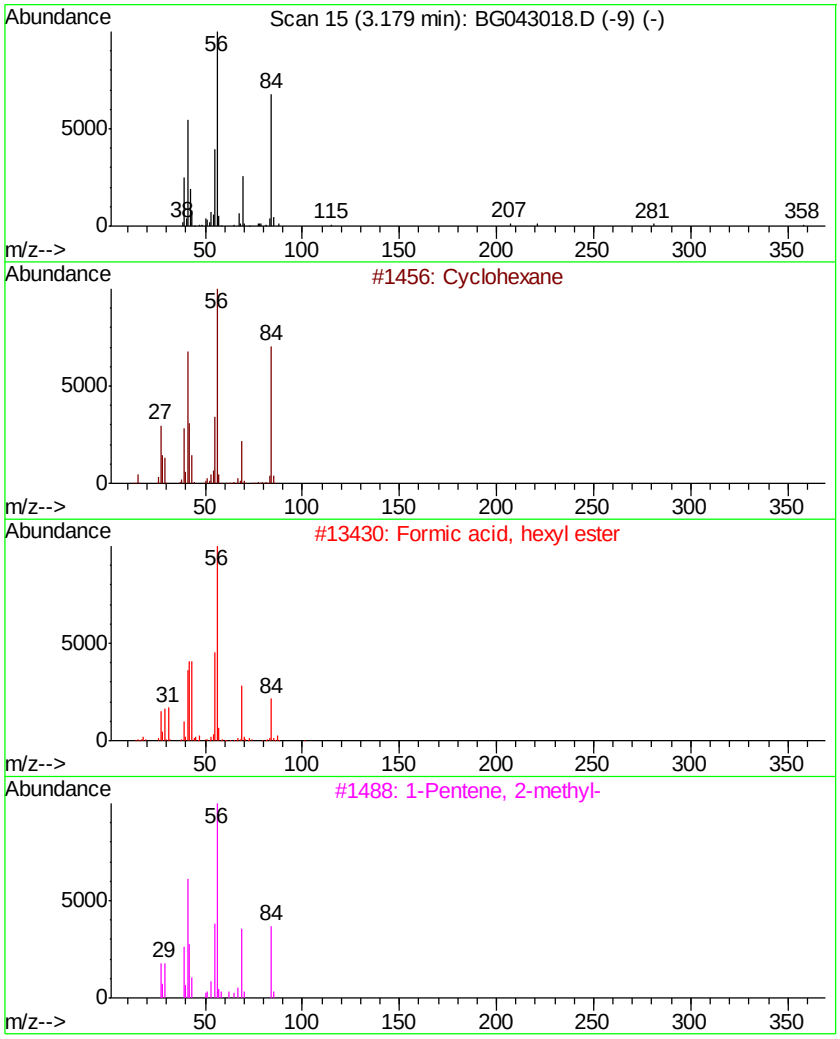
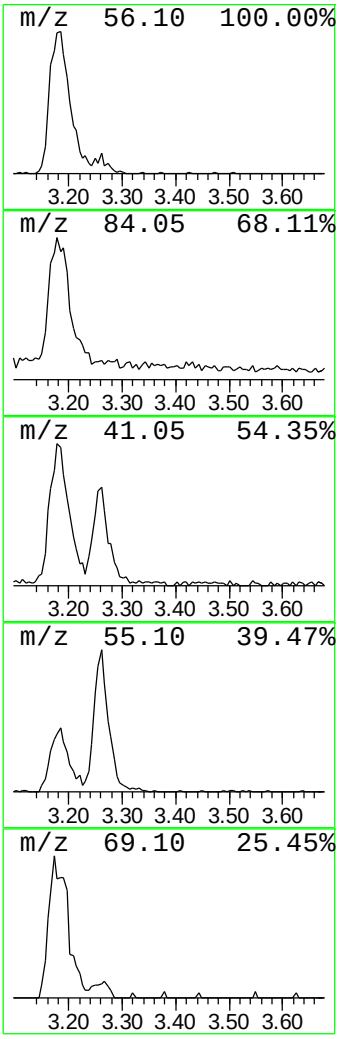
Peak Number 1 Formic acid, hexyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	8.60 ng	190789	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
4	1-Butanol	74	C4H10O	000071-36-3	47
5	Cyclobutane	56	C4H8	000287-23-0	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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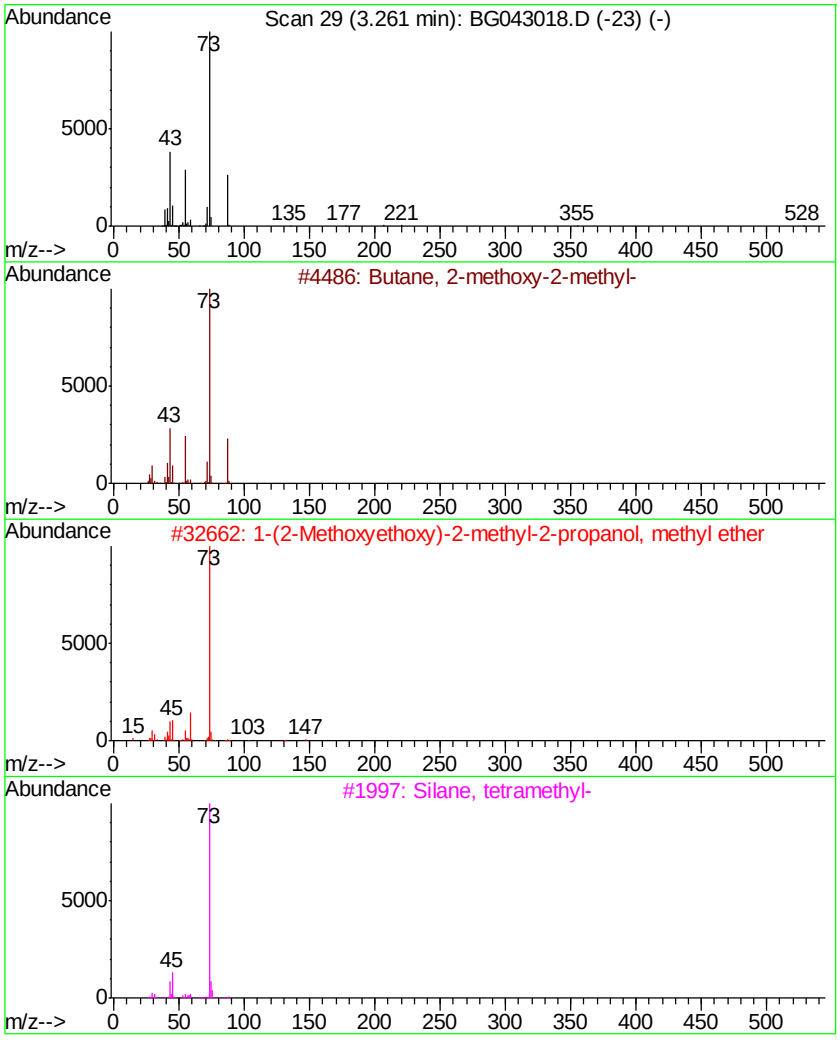
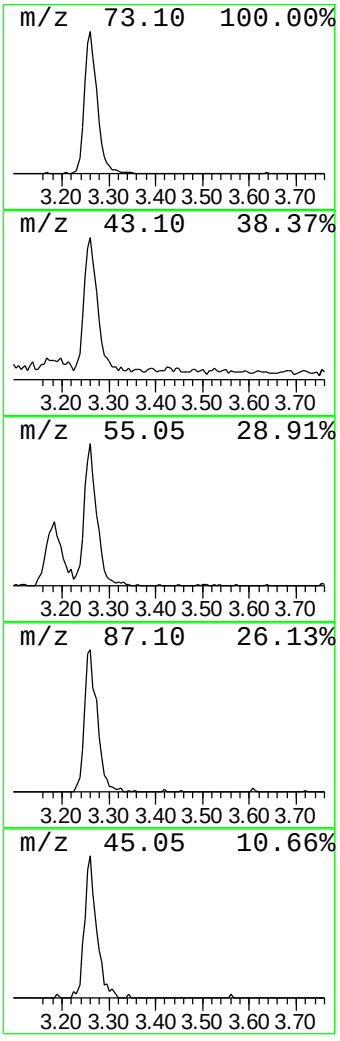
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	13.30 ng	294800	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	64
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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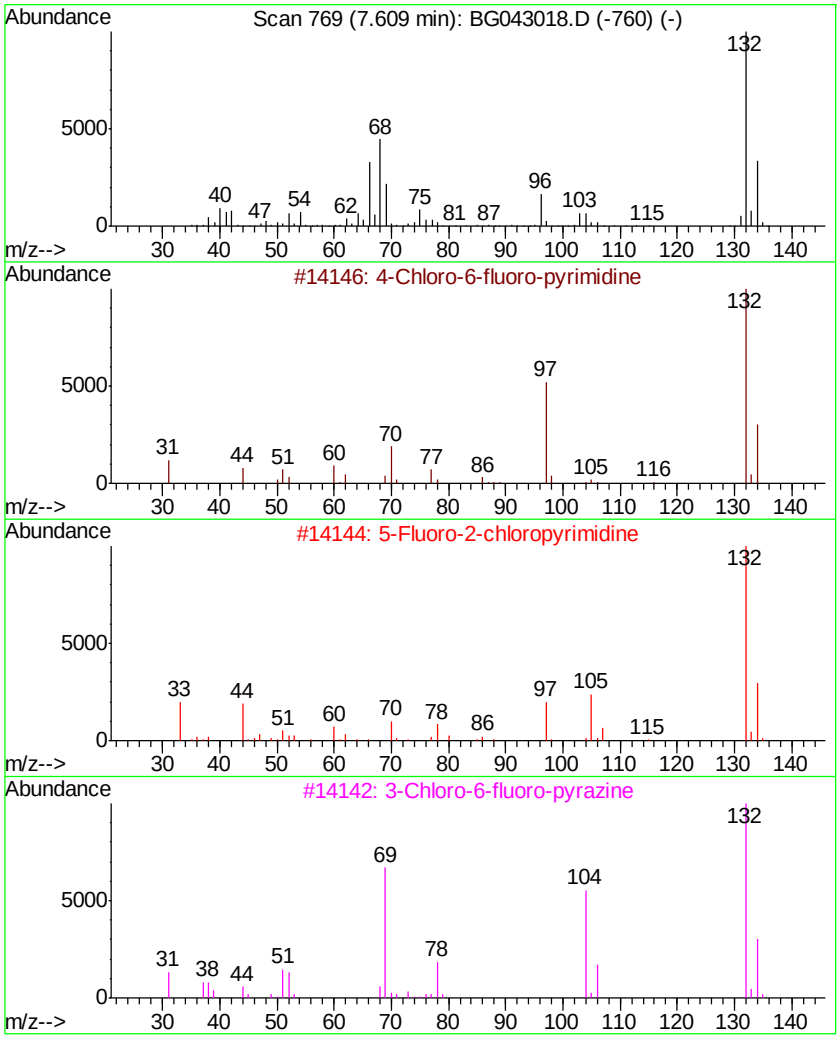
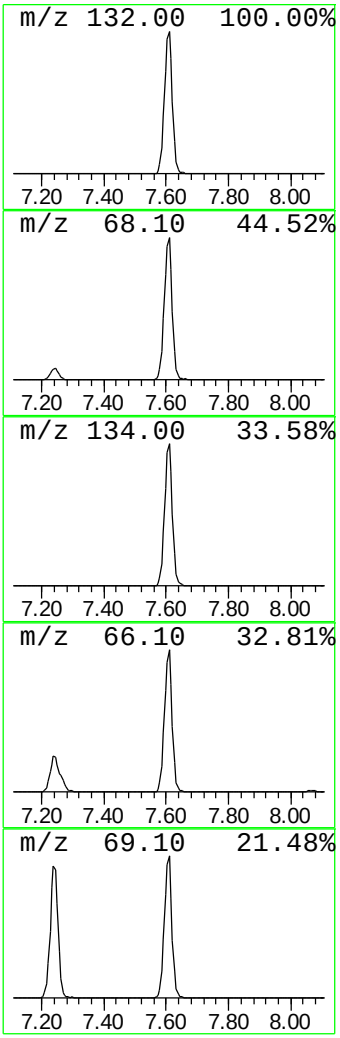
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	106.05 ng	2351380	1,4-Dichlorobenzene-d4	8.07

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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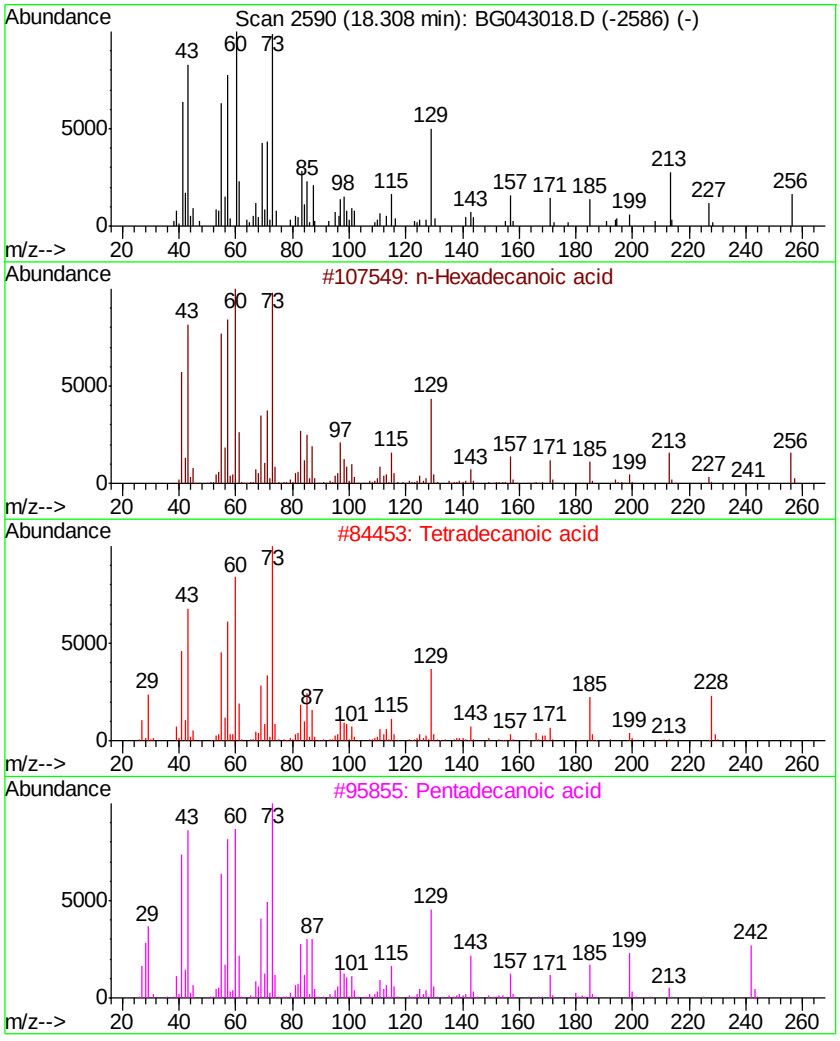
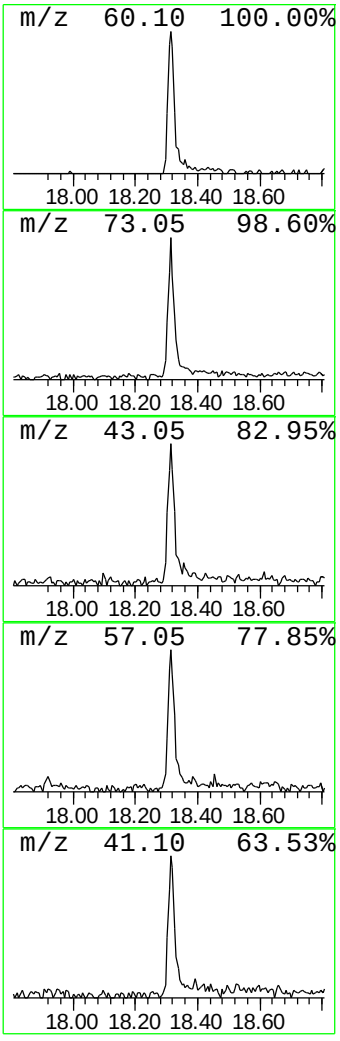
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.66 ng	195743	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

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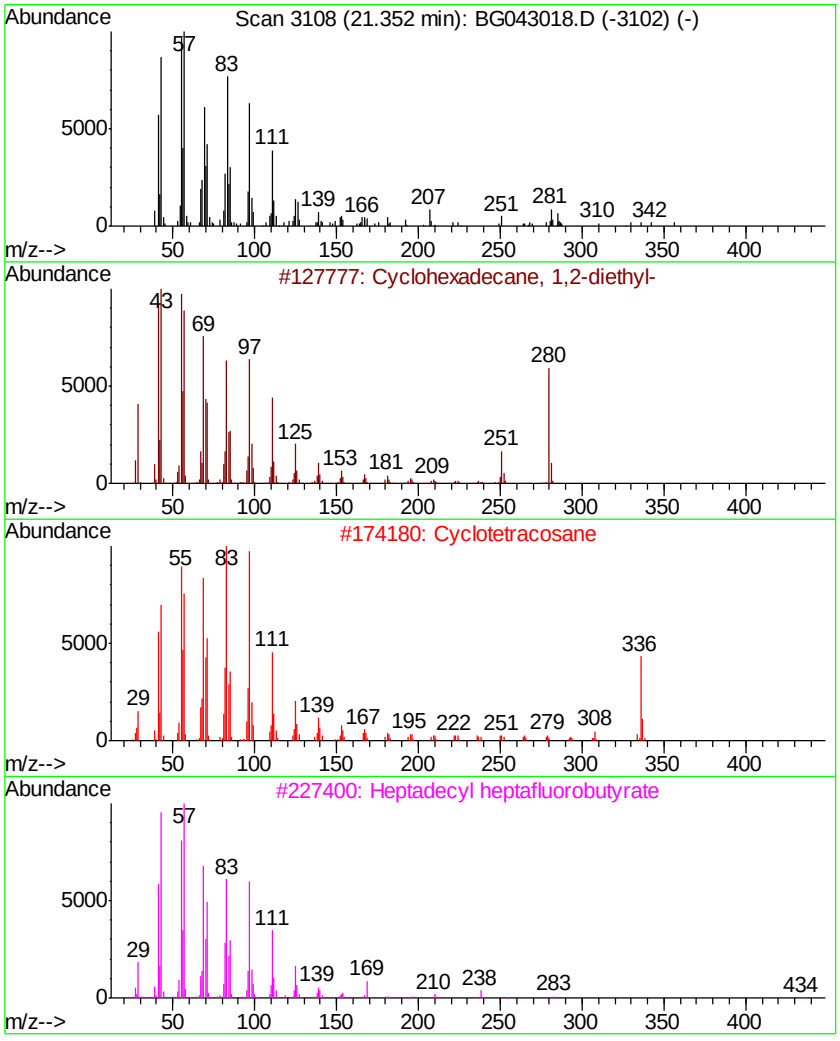
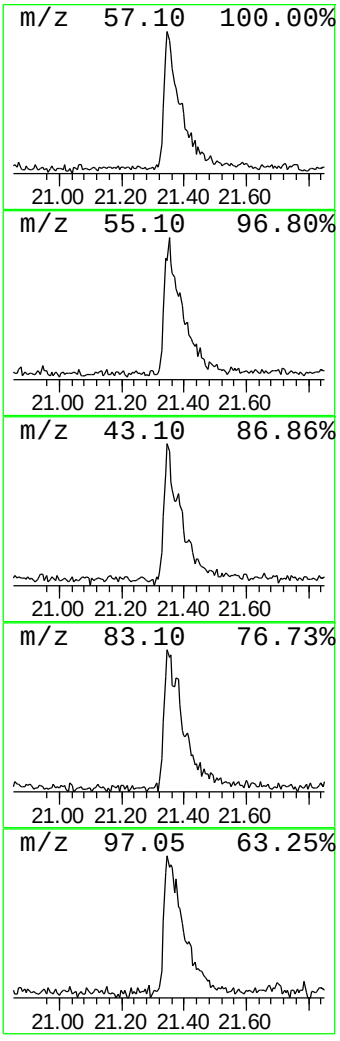
****

Peak Number 6 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	7.96 ng	493501	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
2	Cyclotetracosane	336	C24H48	000297-03-0	96
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94





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
Formic acid, hexy...	3.18	8.6	ng	190789	1	8.07	443441	20.0
Butane, 2-methoxy...	3.26	13.3	ng	294800	1	8.07	443441	20.0
unknown7.61	7.61	106.1	ng	2351380	1	8.07	443441	20.0
n-Hexadecanoic acid	18.31	3.7	ng	195743	4	17.43	1068260	20.0
Cyclohexadecane, ...	21.35	8.0	ng	493501	5	21.69	1240130	20.0