LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040882.D
Acq On : 11 May 2019 20:29
Operator : HP/JU
Sample : K2763-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS007-1824-01

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-BG042319.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	3.147	4	10	18	rBV	95290	175377	3.44%	0.824%
2	3.218	18	22	37	rVB	182699	261736	5.13%	1.230%
3	5.662	432	438	447	rBV	654251	1010161	19.79%	4.746%
4	7.272	704	712	719	rBV	650907	1106627	21.68%	5.199%
5	7.654	768	777	787	rBV	624601	1075114	21.06%	5.051%
6	8.135	852	859	868	rVB	200810	348019	6.82%	1.635%
7	8.459	905	914	921	rBV	483591	846957	16.59%	3.979%
8	9.310	1048	1059	1070	rBV	402978	720522	14.12%	3.385%
9	10.956	1331	1339	1349	rBV	273704	476671	9.34%	2.239%
10	13.382	1745	1752	1761	rBV	1342790	2079546	40.74%	9.769%
11	14.205	1885	1892	1897	rBV	122250	179374	3.51%	0.843%
12	14.763	1980	1987	1997	rVB2	464962	757623	14.84%	3.559%
13	16.244	2232	2239	2253	rBV	1394188	2199231	43.09%	10.332%
14	17.507	2447	2454	2460	rBV2	708751	1058110	20.73%	4.971%
15	18.359	2593	2599	2607	rBV2	199676	294292	5.77%	1.383%
16	19.622	2810	2814	2823	rBV2	82316	127558	2.50%	0.599%
17	20.104	2889	2896	2901	rBV	3784741	5103919	100.00%	23.977%
18	21.385	3108	3114	3130	rBV	177064	421897	8.27%	1.982%
19	21.790	3175	3183	3190	rBV	731785	1251500	24.52%	5.879%
20	21.943	3204	3209	3215	rBV2	35365	55742	1.09%	0.262%
21	22.566	3310	3315	3321	rBV	48493	81763	1.60%	0.384%
22	23.276	3430	3436	3443	rBV3	72924	138842	2.72%	0.652%
23	24.117	3572	3579	3586	rVB4	56645	126986	2.49%	0.597%
24	25.133	3739	3752	3764	rBV	400295	1296544	25.40%	6.091%
25	26.273	3939	3946	3955	rVB5	32842	92333	1.81%	0.434%

Sum of corrected areas: 21286444

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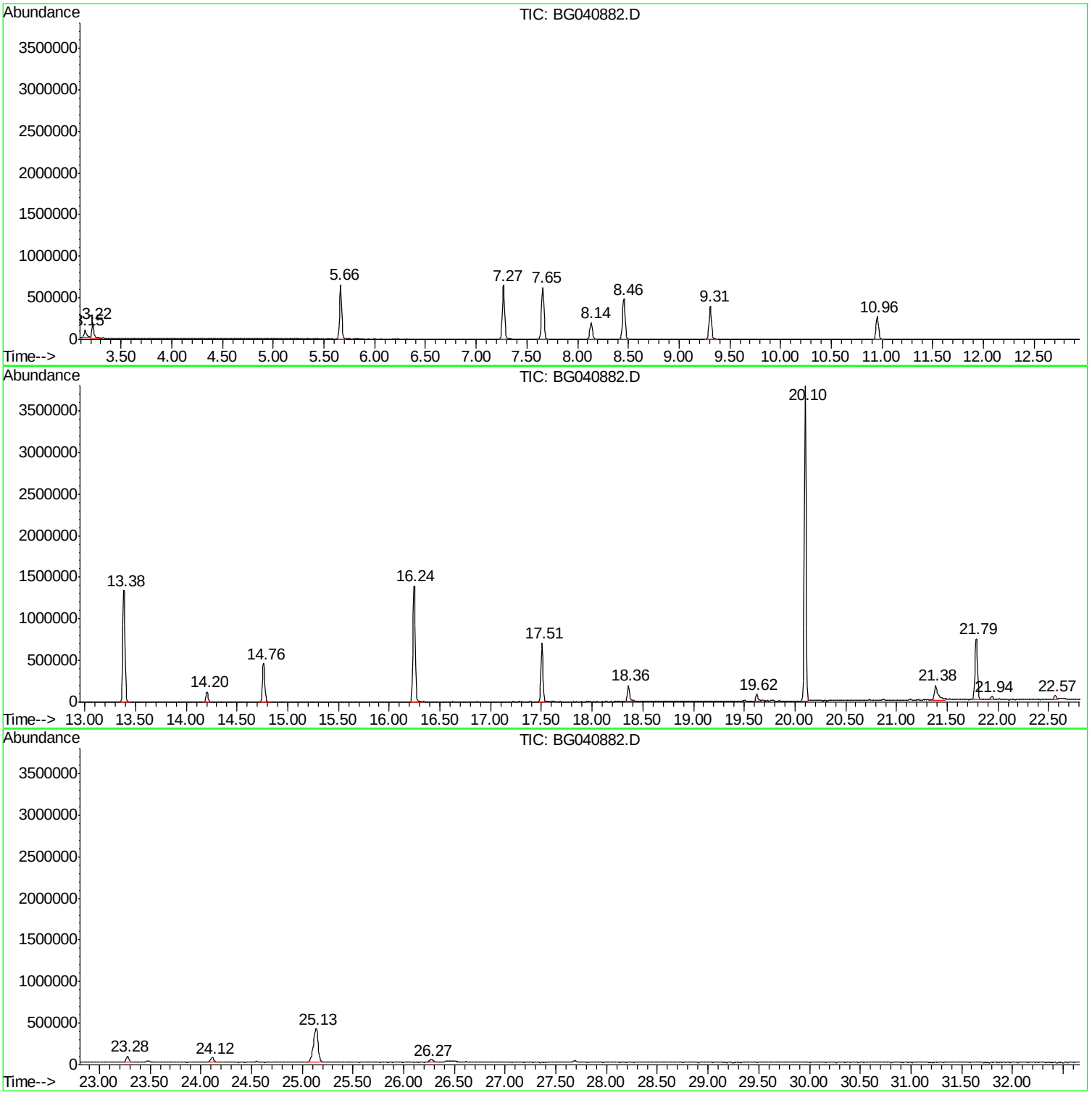
BNA_G
ClientSampleId :
P021-SS007-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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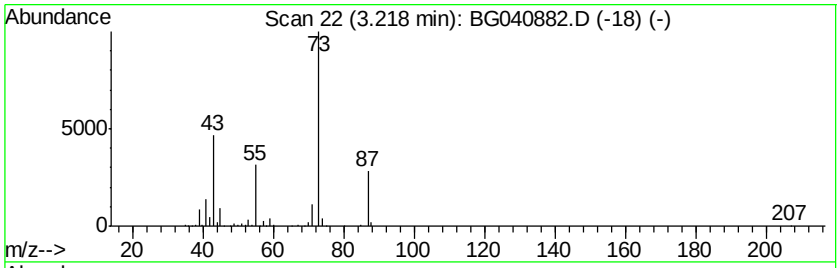
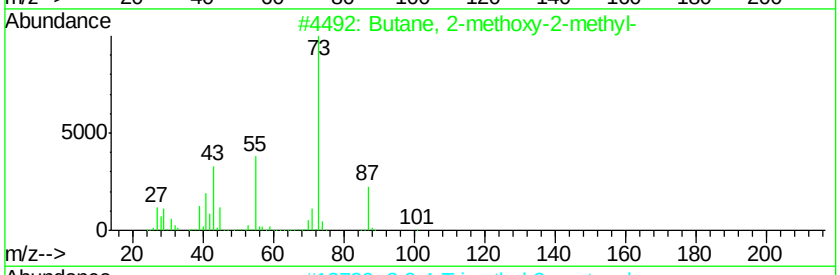
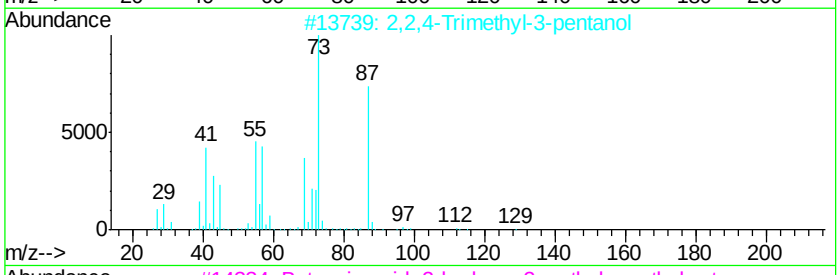
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

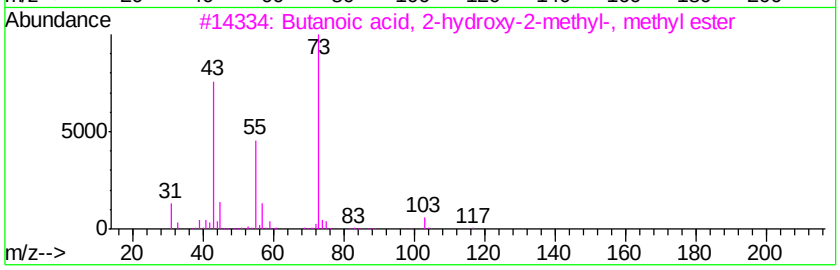
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	15.04 ng	261736	1,4-Dichlorobenzene-d4	8.14

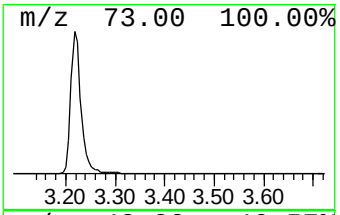
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9

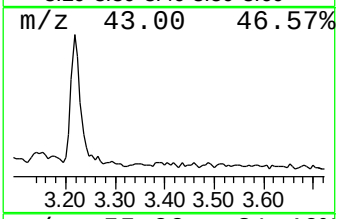


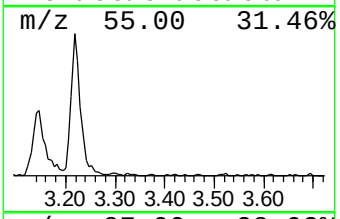


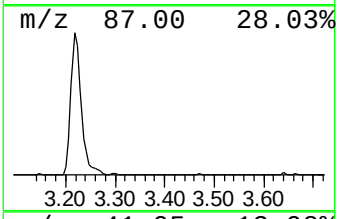


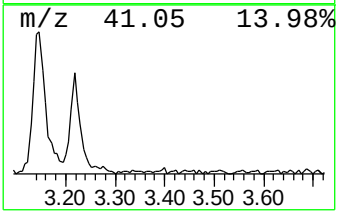












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Instrument : BNA_G
ClientSampleId : P021-SS007-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

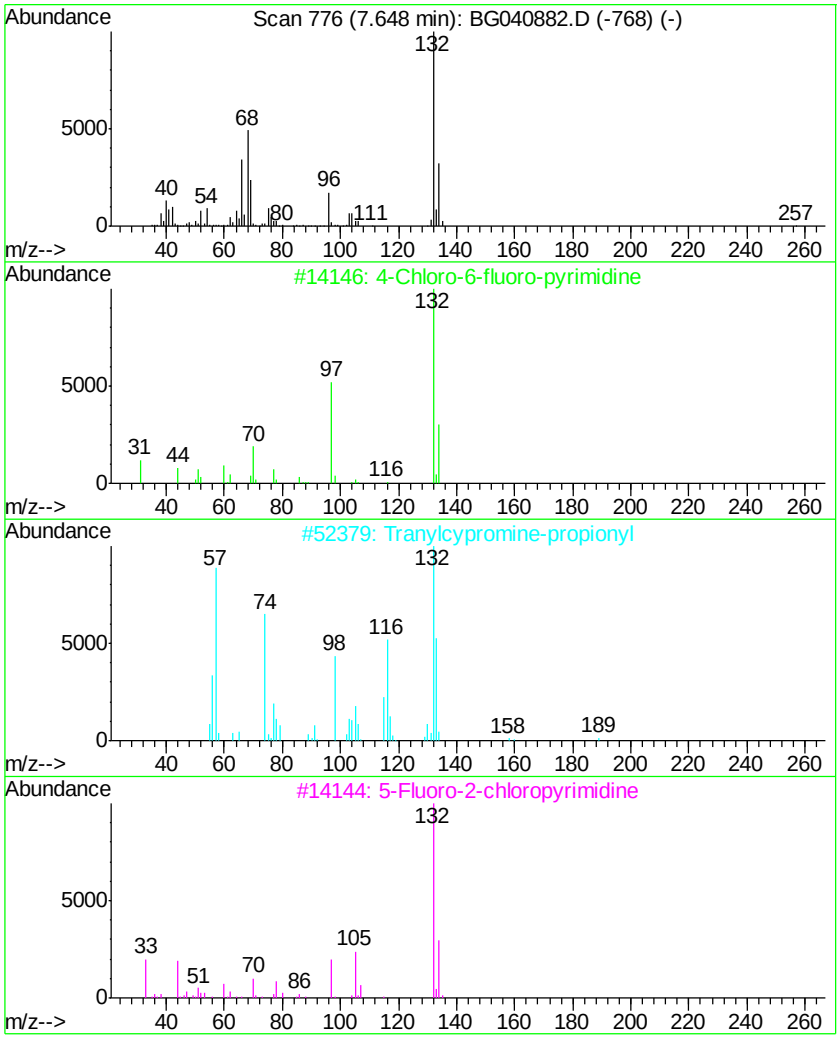
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

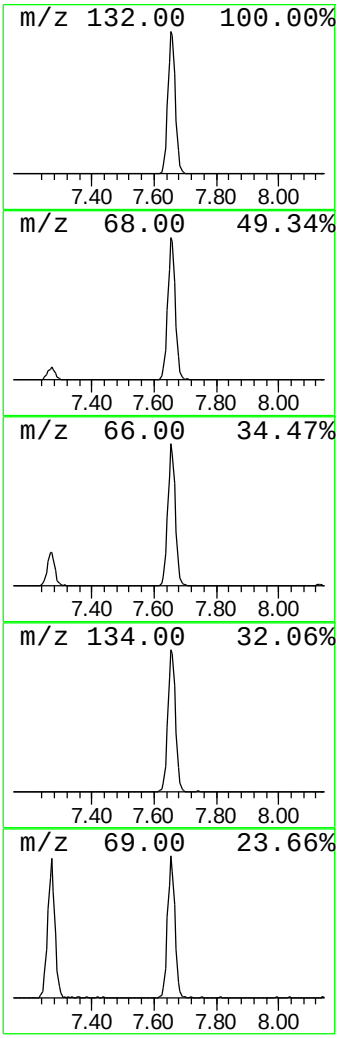
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	61.78 ng	1075110	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Library Search Compound Report

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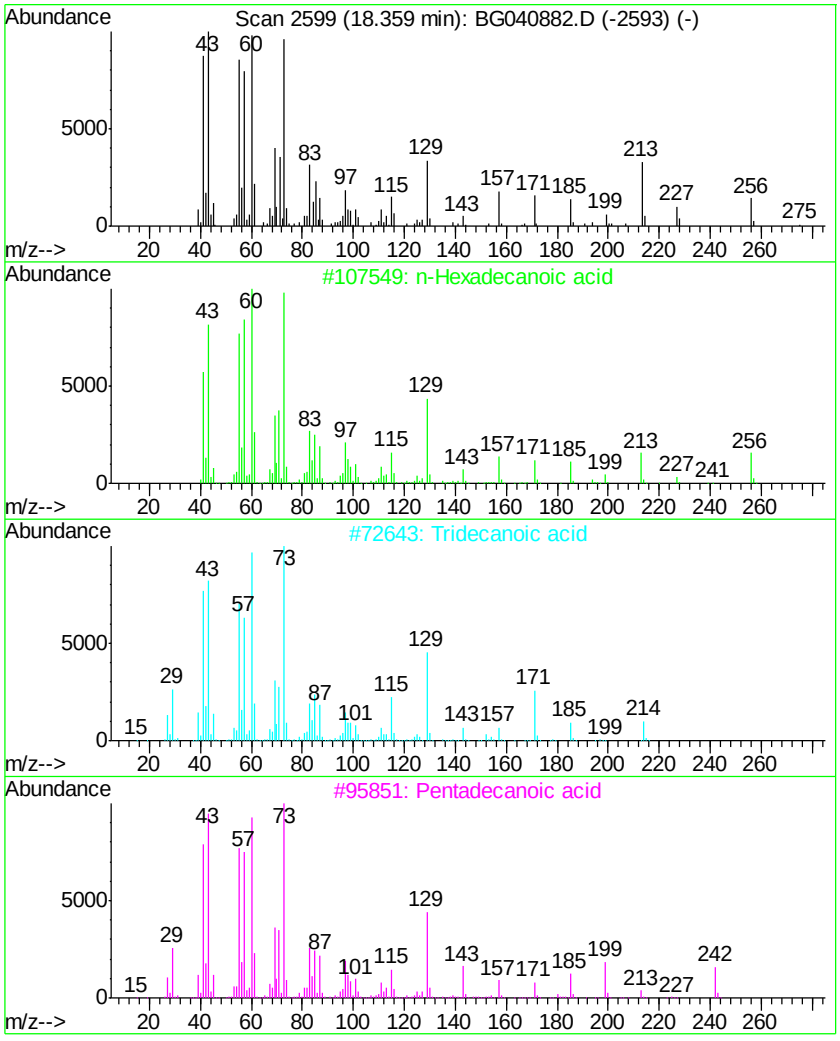
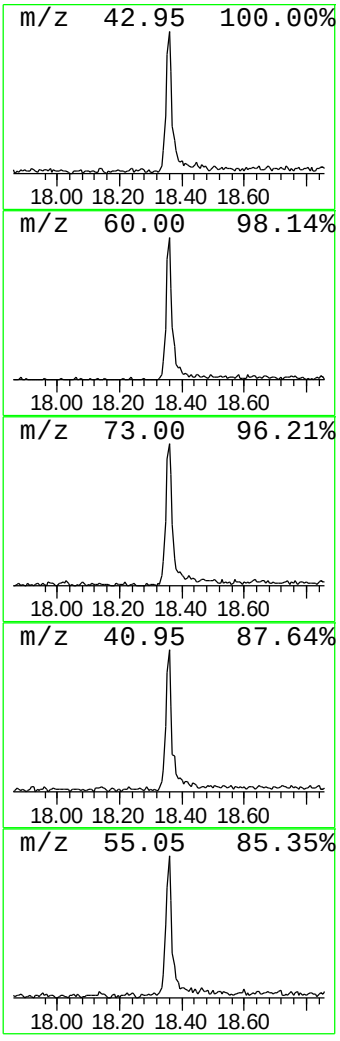
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.56 ng	294292	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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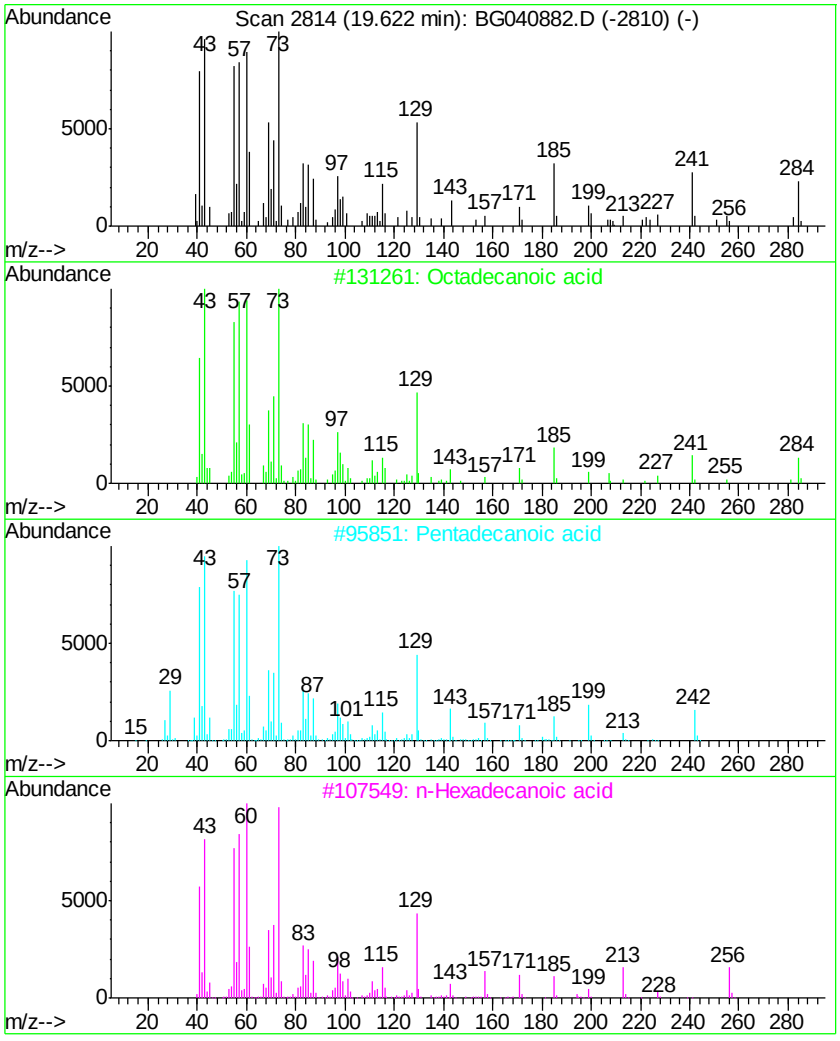
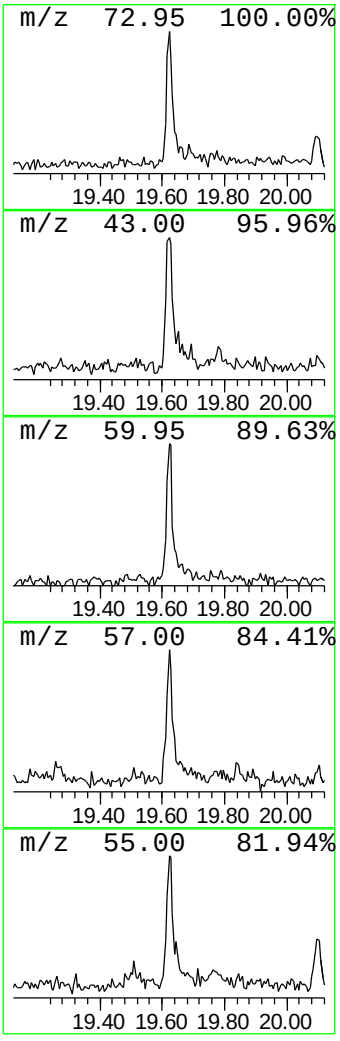
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.41 ng	127558	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Library Search Compound Report

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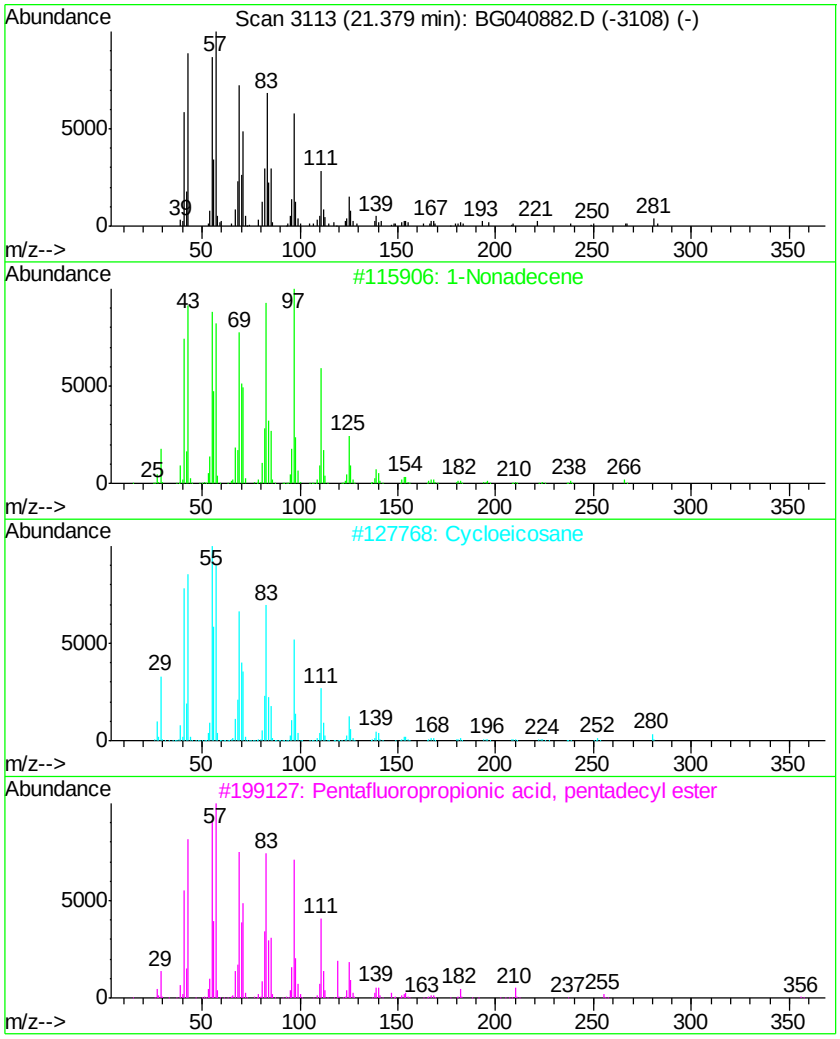
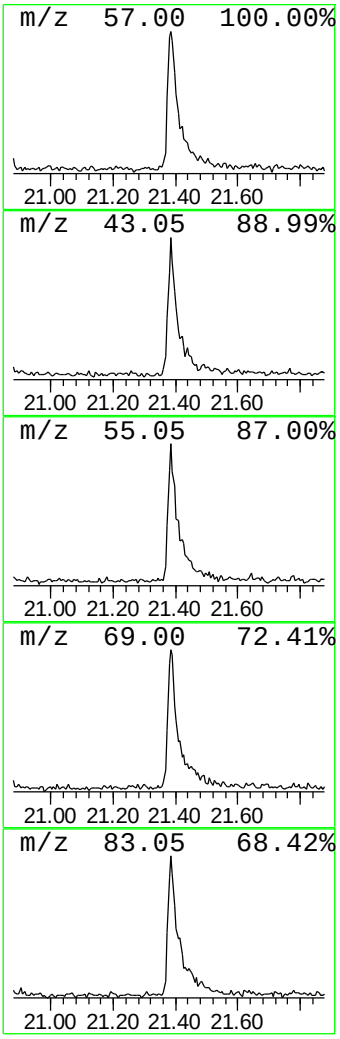
****

Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	6.74 ng	421897	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Cycloeicosane	280	C20H40	000296-56-0	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Octacosanol	410	C28H58O	000557-61-9	91





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TIC Library : C:\Database\NIST11.L
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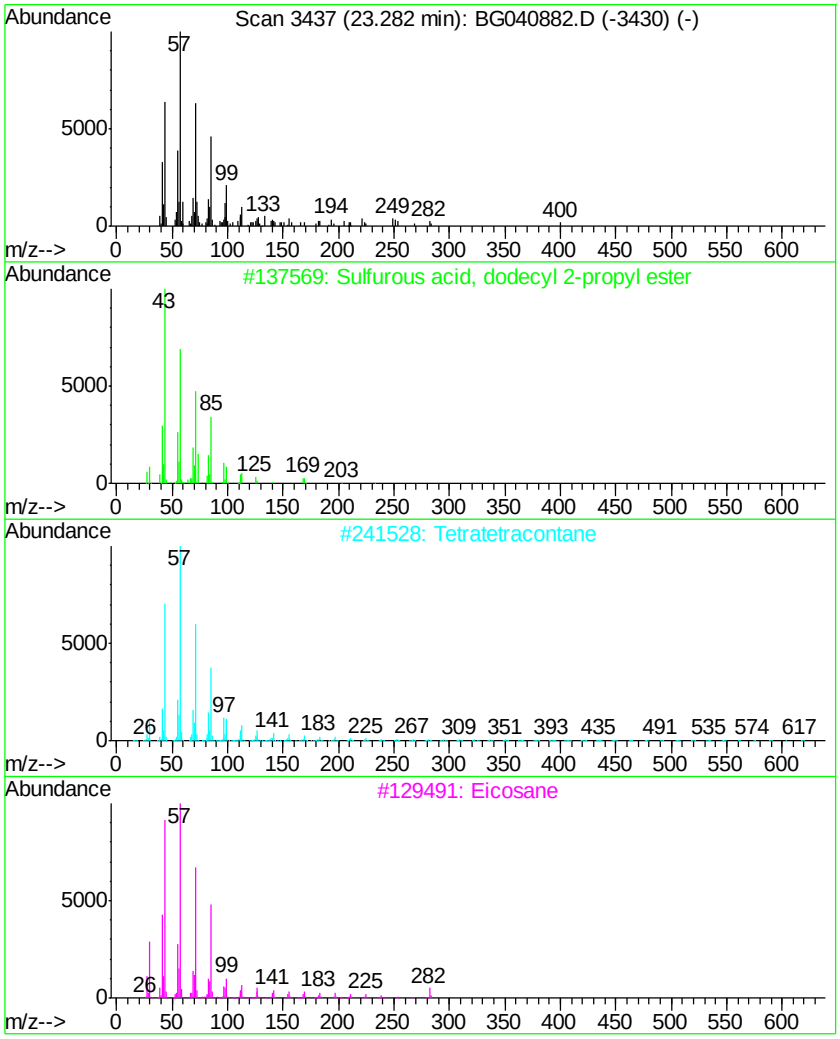
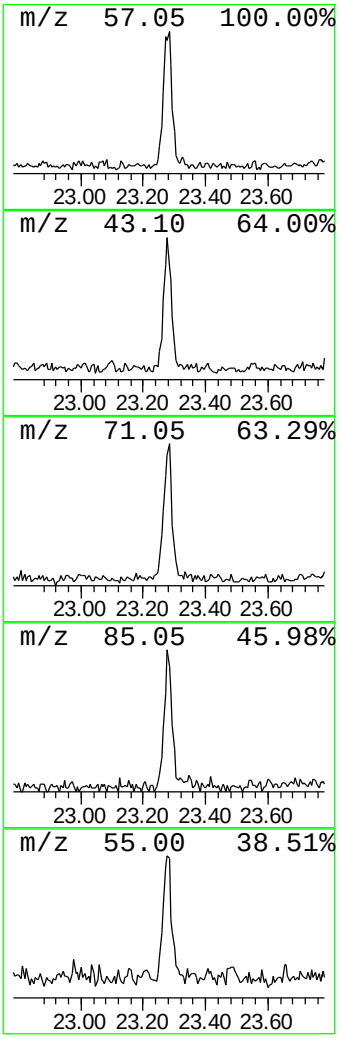
Peak Number 8 Sulfurous acid, dodecyl 2-p... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.22 ng	138842	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	83
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Eicosane	282	C20H42	000112-95-8	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Octacosane	394	C28H58	000630-02-4	72





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...	3.22	15.0	ng	261736	1	8.14	348019	20.0
unknown7.65	7.65	61.8	ng	1075110	1	8.14	348019	20.0
n-Hexadecanoic acid	18.36	5.6	ng	294292	4	17.51	1058110	20.0
Octadecanoic acid	19.62	2.4	ng	127558	4	17.51	1058110	20.0
1-Nonadecene	21.38	6.7	ng	421897	5	21.79	1251500	20.0
Sulfurous acid, d...	23.28	2.2	ng	138842	5	21.79	1251500	20.0