LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
Data File : BG055101.D
Acq On : 7 Oct 2022 16:09
Operator : CG/JU
Sample : N5022-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DSN002

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.372	9	14	30	rVB	501625	750906	38.98%	8.972%
2	5.382	349	356	366	rVB	254574	384628	19.97%	4.595%
3	5.852	430	436	444	rBV	109133	173303	9.00%	2.071%
4	7.461	702	710	717	rVB	72699	125025	6.49%	1.494%
5	8.337	852	859	864	rBV	82320	136161	7.07%	1.627%
6	9.506	1050	1058	1066	rBV	251474	452172	23.47%	5.402%
7	11.163	1333	1340	1348	rBV	107495	195991	10.17%	2.342%
8	13.572	1743	1750	1757	rVB	747528	1105127	57.37%	13.204%
9	14.941	1976	1983	1990	rVB	199263	305324	15.85%	3.648%
10	16.416	2227	2234	2243	rBV	469394	713205	37.03%	8.521%
11	17.232	2369	2373	2382	rBV2	21732	30023	1.56%	0.359%
12	17.673	2438	2448	2458	rBV	314130	460091	23.89%	5.497%
13	17.967	2493	2498	2503	rBV2	13841	19324	1.00%	0.231%
14	18.525	2588	2593	2601	rBV2	114016	164201	8.52%	1.962%
15	18.595	2601	2605	2613	rVB3	19263	31004	1.61%	0.370%
16	19.782	2802	2807	2816	rBV	56832	85738	4.45%	1.024%
17	20.246	2880	2886	2892	rVB	1466232	1926206	100.00%	23.013%
18	21.563	3105	3110	3118	rBV	63149	101427	5.27%	1.212%
19	21.962	3172	3178	3187	rVB2	314181	524796	27.25%	6.270%
20	22.808	3317	3322	3330	rVB7	10778	23554	1.22%	0.281%
21	23.760	3478	3484	3491	rVB2	13581	25207	1.31%	0.301%
22	24.418	3591	3596	3601	rBV4	11811	22896	1.19%	0.274%
23	25.411	3754	3765	3780	rVB2	174167	563092	29.23%	6.728%
24	27.321	4080	4090	4099	rBV2	14823	50498	2.62%	0.603%

Sum of corrected areas: 8369899

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Instrument :
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ClientSampleId :
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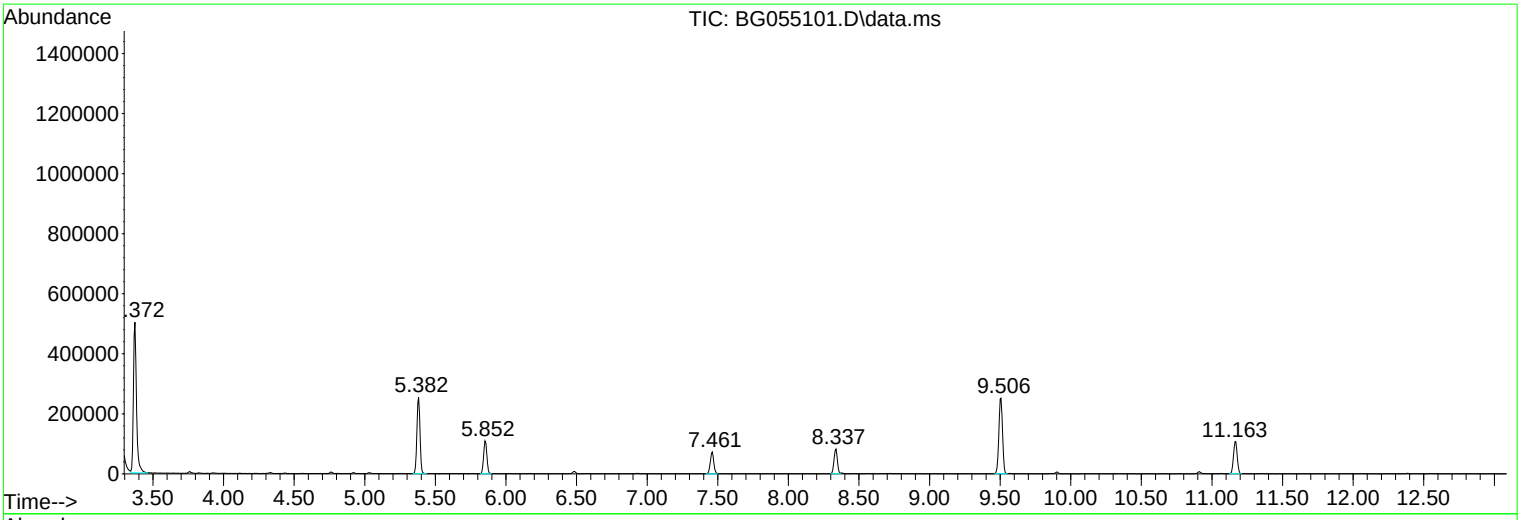
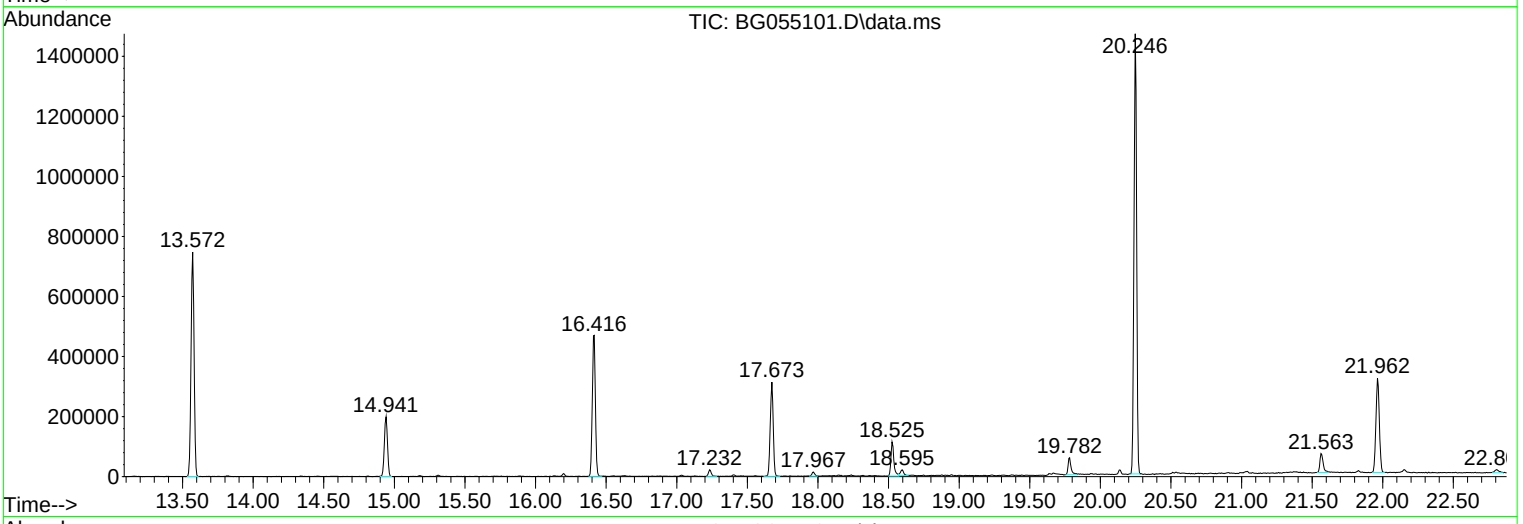
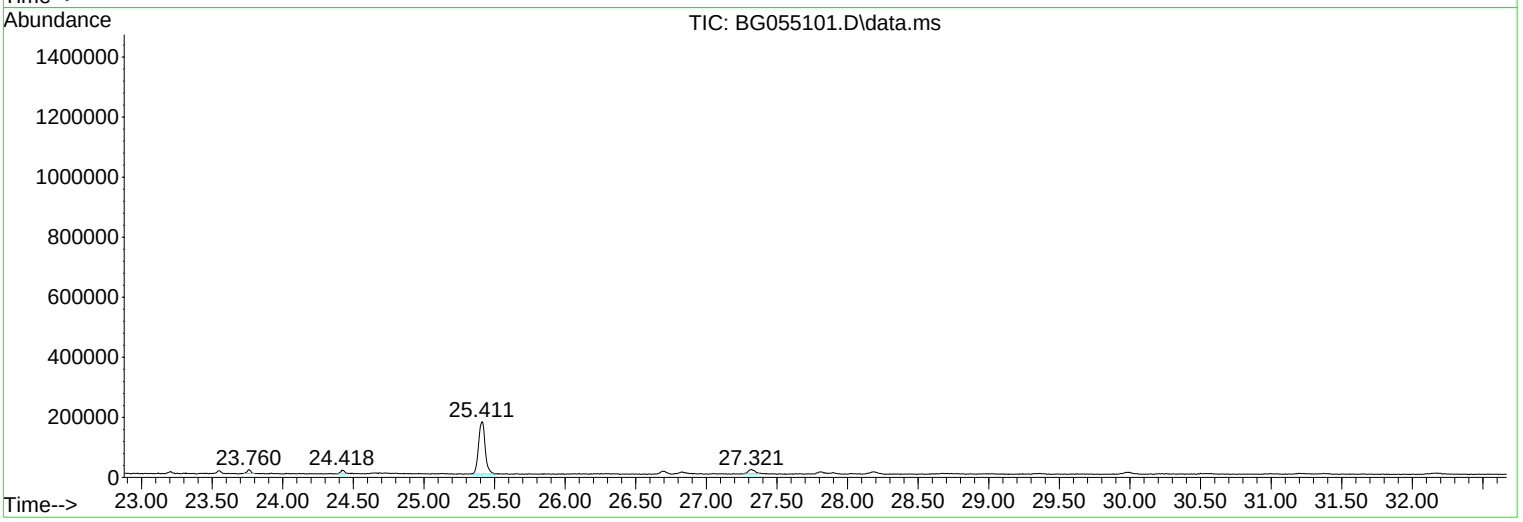
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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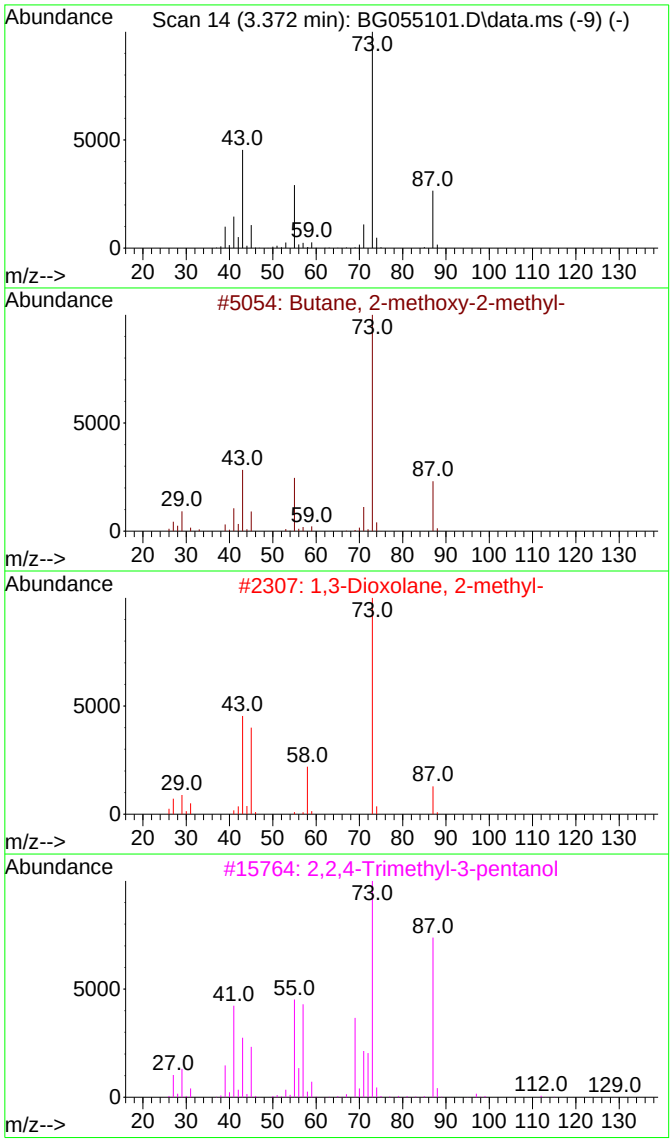
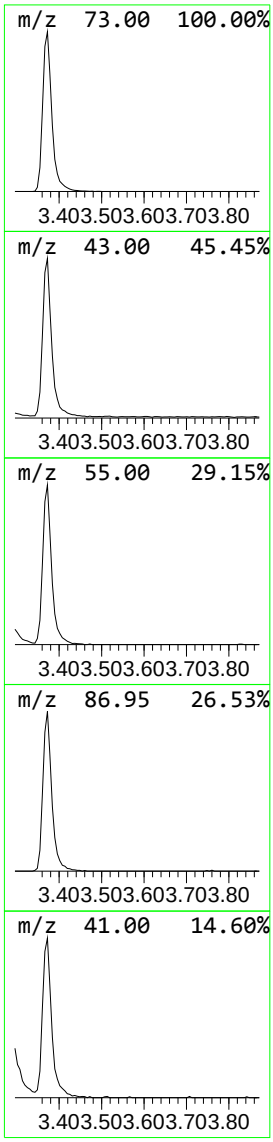
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.372	110.30 ng	750906	1,4-Dichlorobenzene-d4	8.337

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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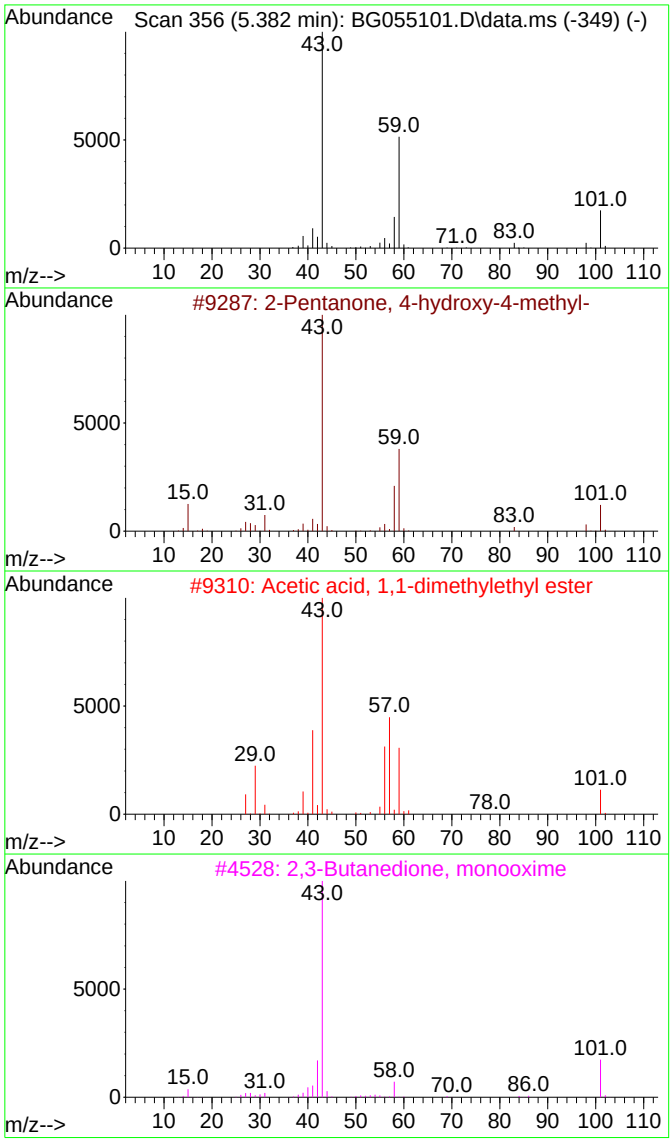
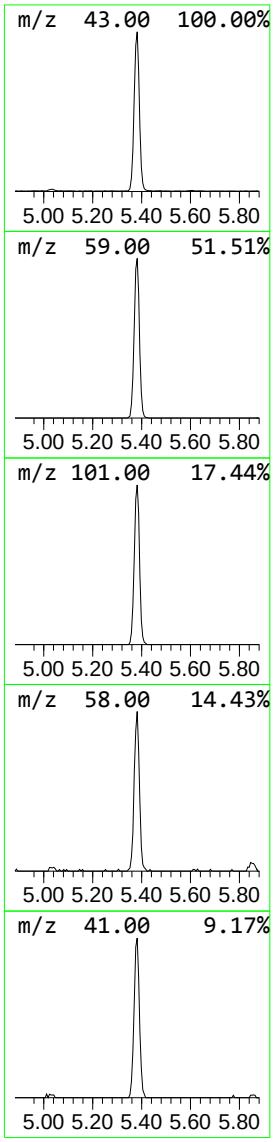
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.382	56.50 ng	384628	1,4-Dichlorobenzene-d4	8.337

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane	58	C4H10	000106-97-8	9





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Sample : N5022-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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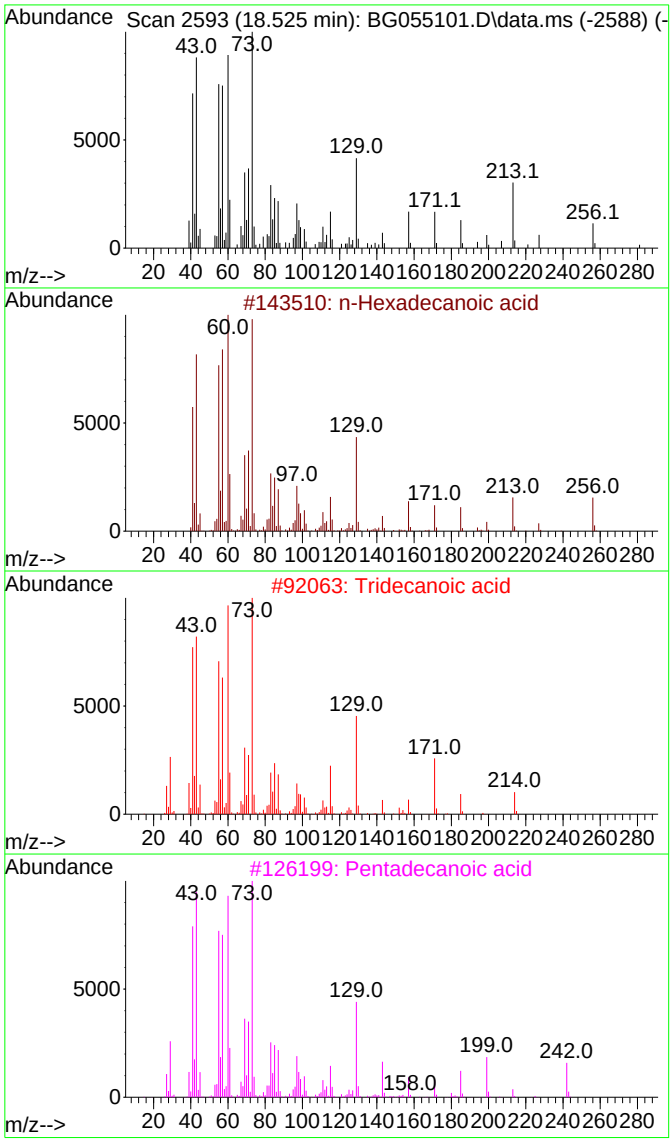
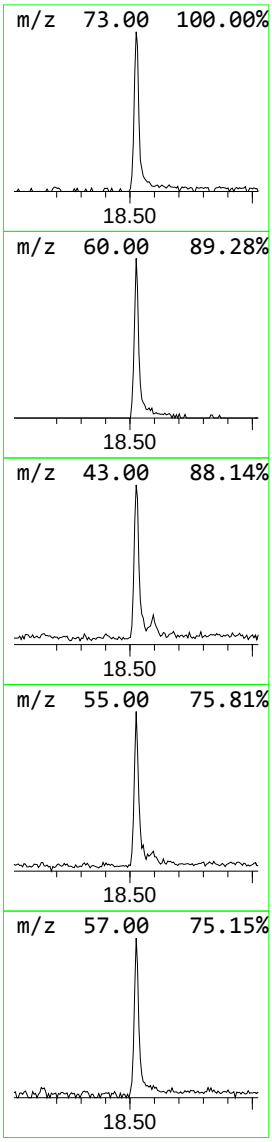
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.525	7.14 ng	164201	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Instrument :
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TIC Library : C:\Database\NIST20.L
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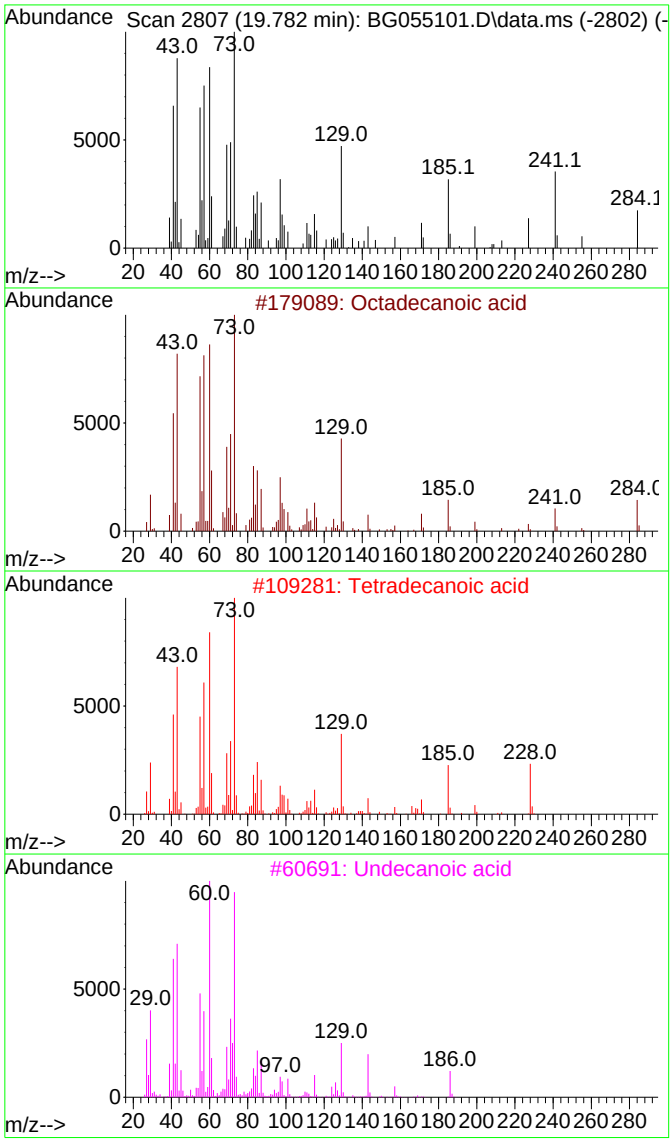
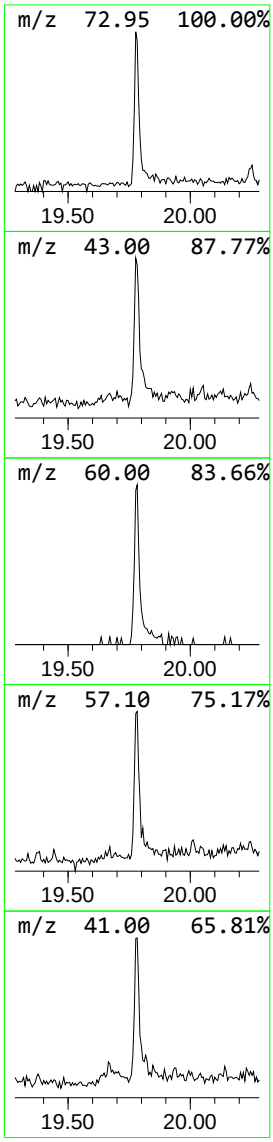
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.782	3.73 ng	85738	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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Sample : N5022-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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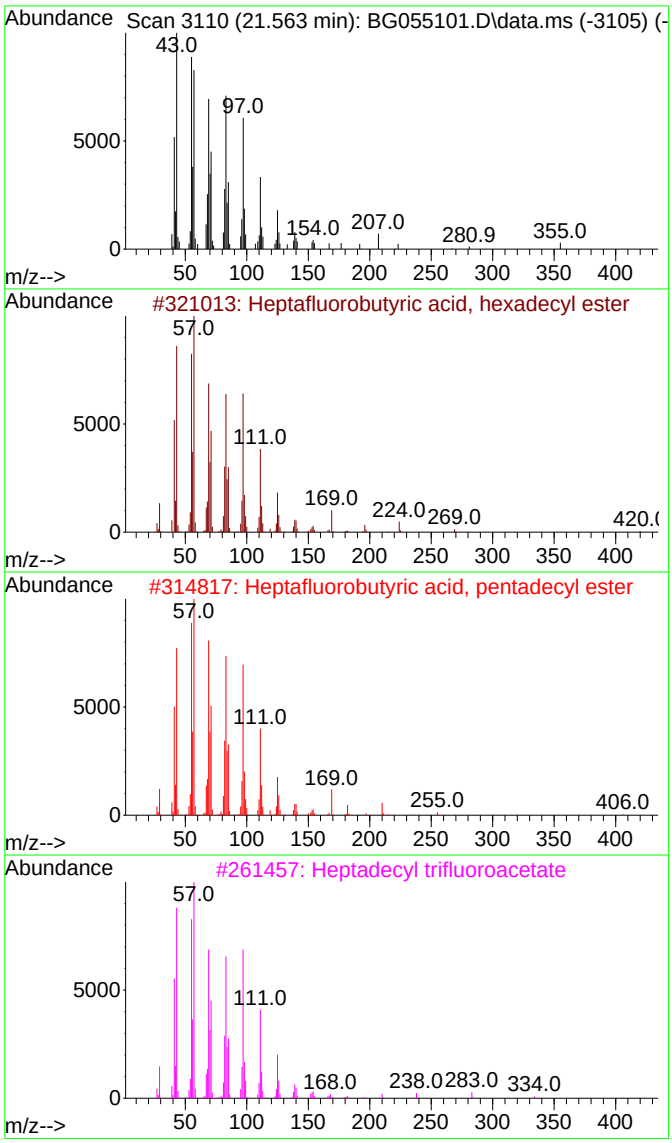
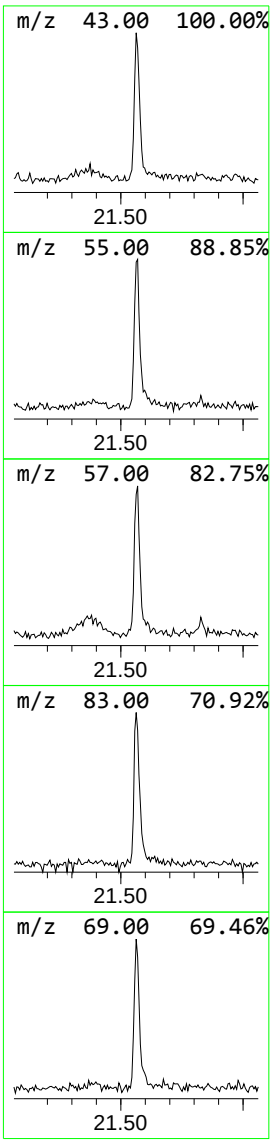
****
Peak Number 5 Heptafluorobutyric acid, he... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.563	3.87 ng	101427	Chrysene-d12	21.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.372	110.3	ng	750906	1	8.337	136161	20.0
2-Pentanone, 4-...	5.382	56.5	ng	384628	1	8.337	136161	20.0
n-Hexadecanoic ...	18.525	7.1	ng	164201	4	17.673	460091	20.0
Octadecanoic acid	19.782	3.7	ng	85738	4	17.673	460091	20.0
Heptafluorobuty...	21.563	3.9	ng	101427	5	21.962	524796	20.0