LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049177.D
Acq On : 2 Jul 2021 21:36
Operator : CG/JU
Sample : M2918-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-03-023-ABCD

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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.126	9	15	24	rBV2	55194	130423	4.16%	0.940%
2	3.208	25	29	39	rVB2	23098	42636	1.36%	0.307%
3	5.165	356	362	373	rBV	66817	114418	3.65%	0.824%
4	5.635	435	442	456	rBV	708258	1188897	37.95%	8.567%
5	7.239	706	715	724	rBV	758719	1307902	41.75%	9.425%
6	8.085	853	859	866	rVB	132245	229666	7.33%	1.655%
7	9.254	1050	1058	1066	rBV	456974	834967	26.65%	6.017%
8	10.670	1292	1299	1306	rBV3	20776	44184	1.41%	0.318%
9	10.905	1332	1339	1349	rVB	166942	318904	10.18%	2.298%
10	13.349	1748	1755	1763	rBV	1214386	1900392	60.67%	13.694%
11	14.730	1983	1990	2002	rBV	308100	485054	15.48%	3.495%
12	16.216	2236	2243	2258	rBV	1196629	1829795	58.41%	13.186%
13	17.480	2449	2458	2465	rBV	402903	625632	19.97%	4.508%
14	20.088	2895	2902	2912	rBV	2324893	3132532	100.00%	22.573%
15	21.393	3119	3124	3132	rBV6	44938	96267	3.07%	0.694%
16	21.763	3180	3187	3196	rBV	389401	653609	20.87%	4.710%
17	23.490	3474	3481	3488	rBV	45349	98348	3.14%	0.709%
18	24.125	3581	3589	3596	rVB6	20859	52016	1.66%	0.375%
19	25.071	3740	3750	3762	rVB2	217723	679140	21.68%	4.894%
20	26.281	3949	3956	3966	rVB8	22259	66166	2.11%	0.477%
21	27.685	4192	4195	4206	rVB8	17591	46375	1.48%	0.334%

Sum of corrected areas: 13877323

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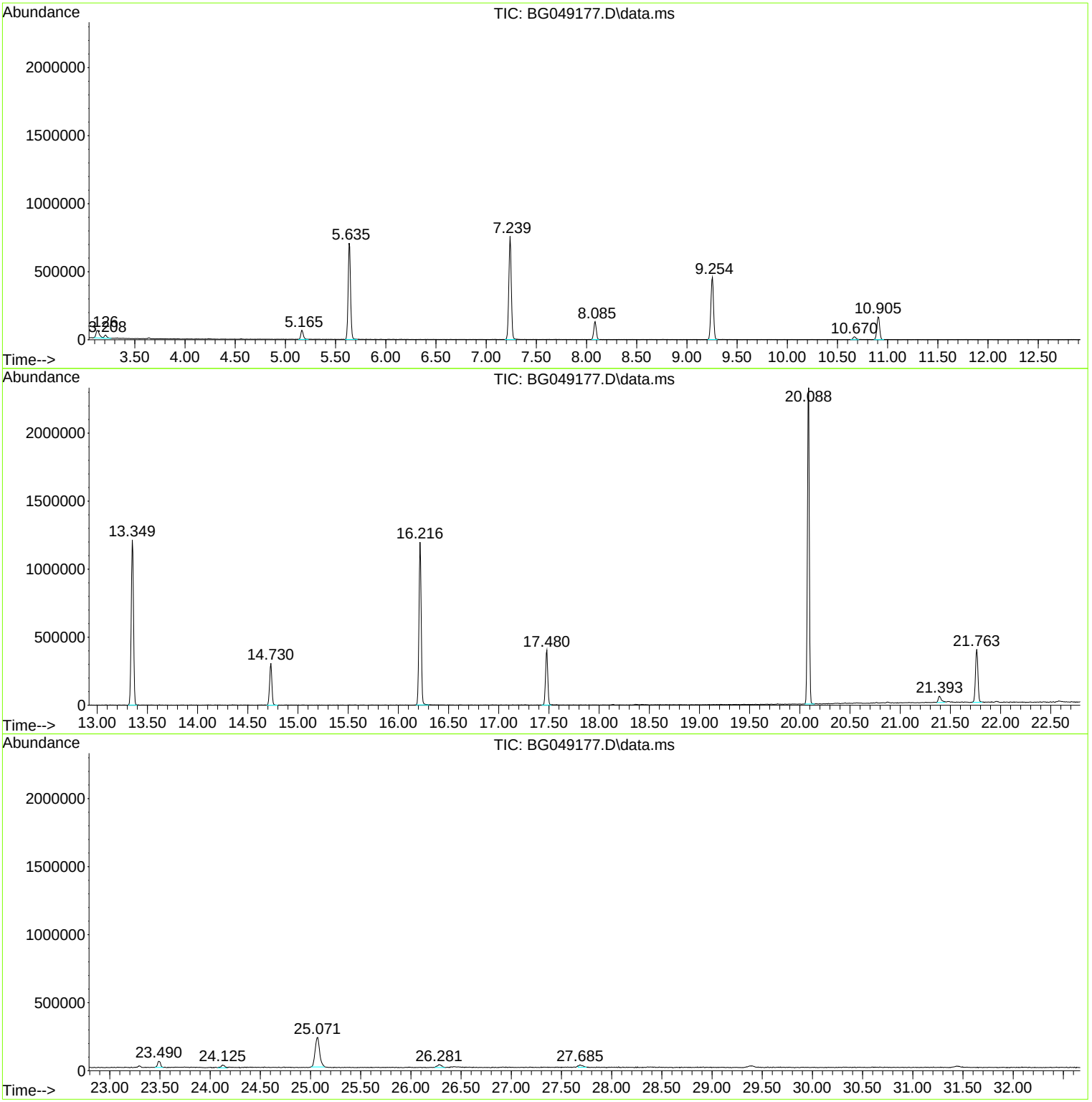
ClientSampleId :
FK-BPM-03-023-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.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
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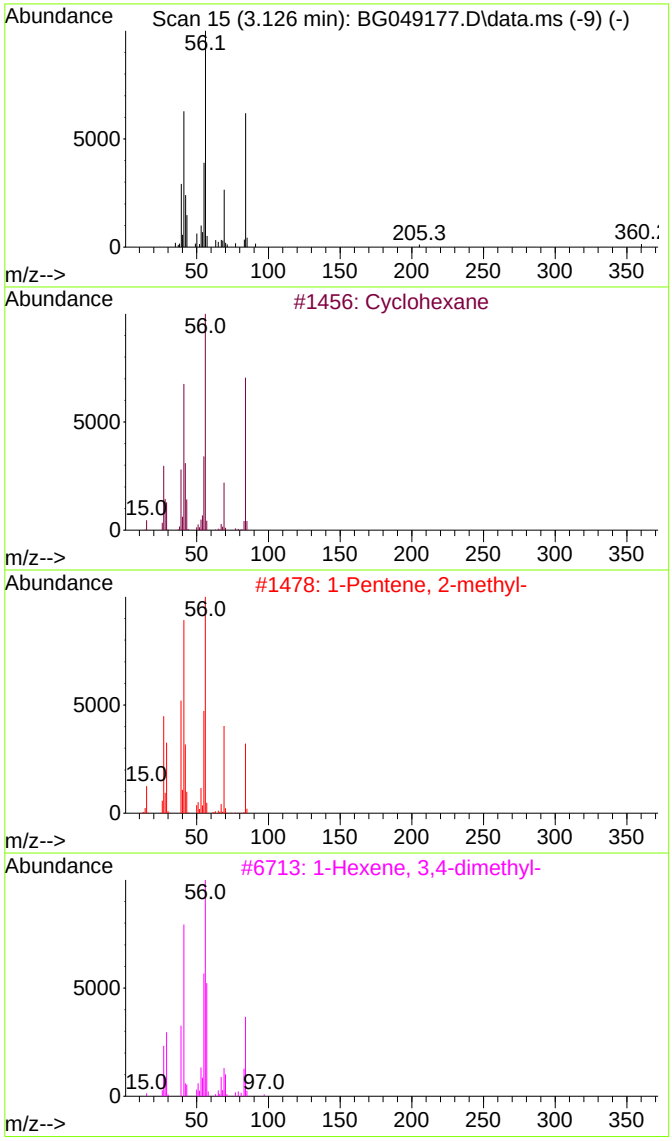
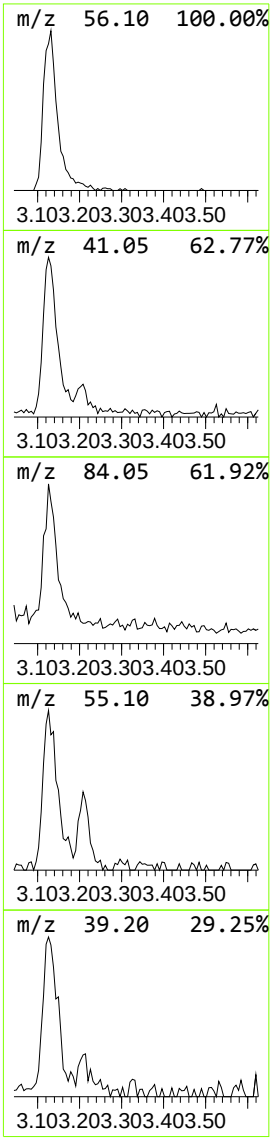
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.126	11.36 ng	130423	1,4-Dichlorobenzene-d4	8.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	64
4	1-Hexene	84	C6H12	000592-41-6	59
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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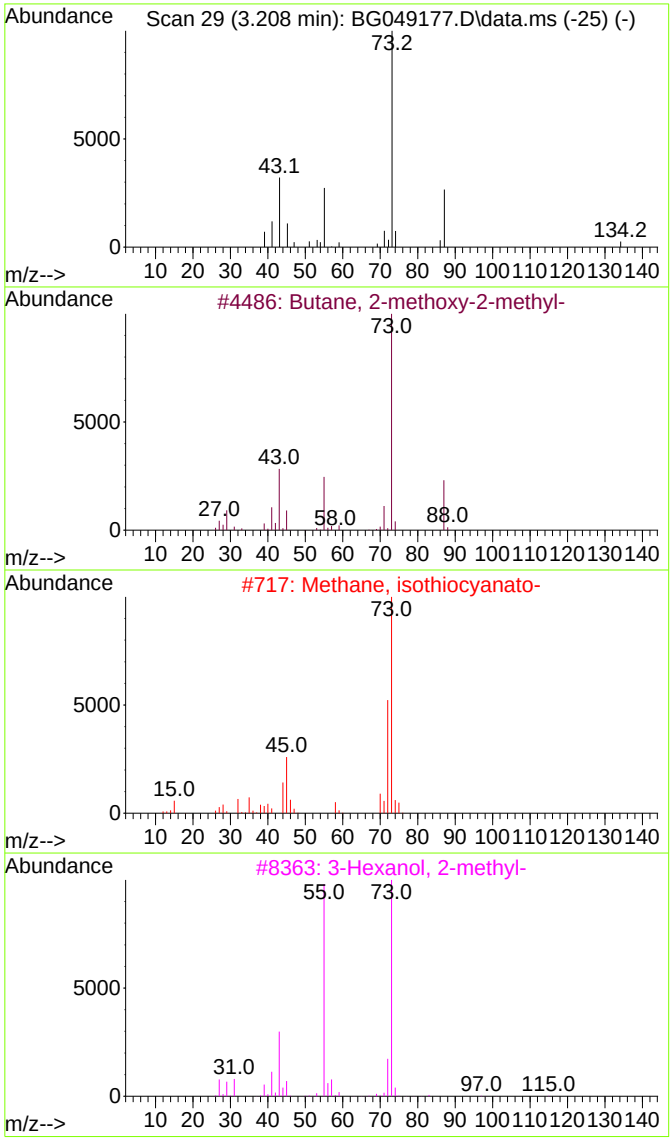
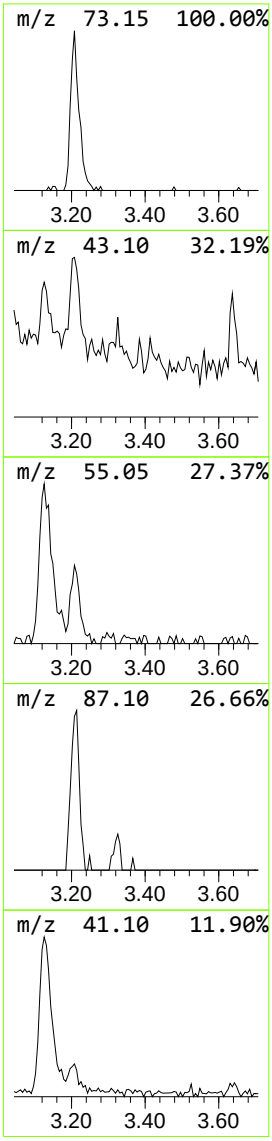
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.208	3.71 ng	42636	1,4-Dichlorobenzene-d4	8.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	7





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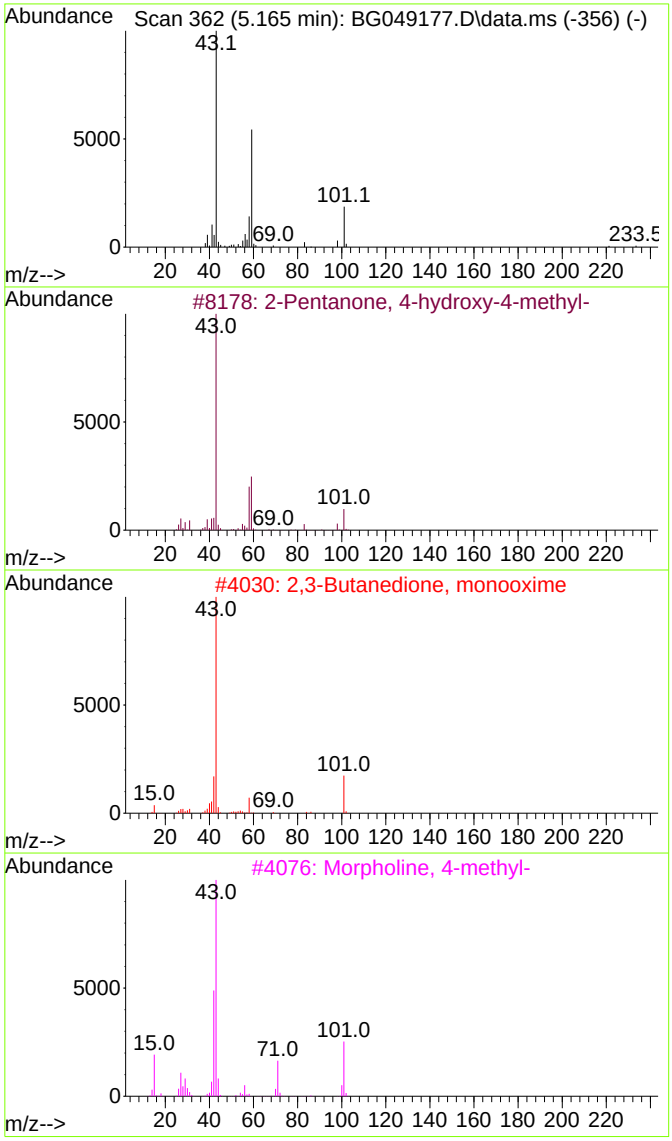
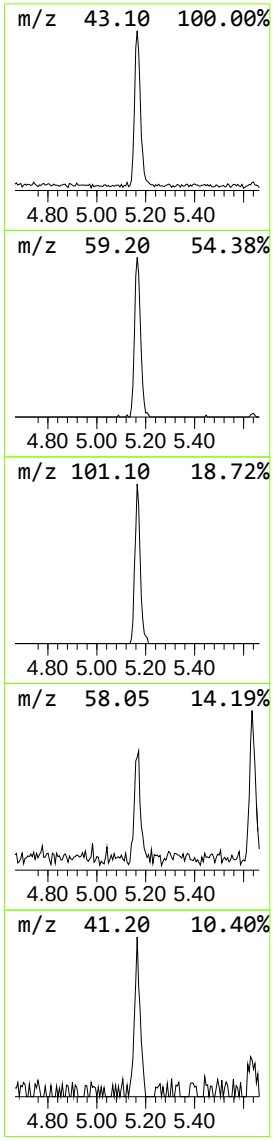
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.165	9.96 ng	114418	1,4-Dichlorobenzene-d4	8.085

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	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





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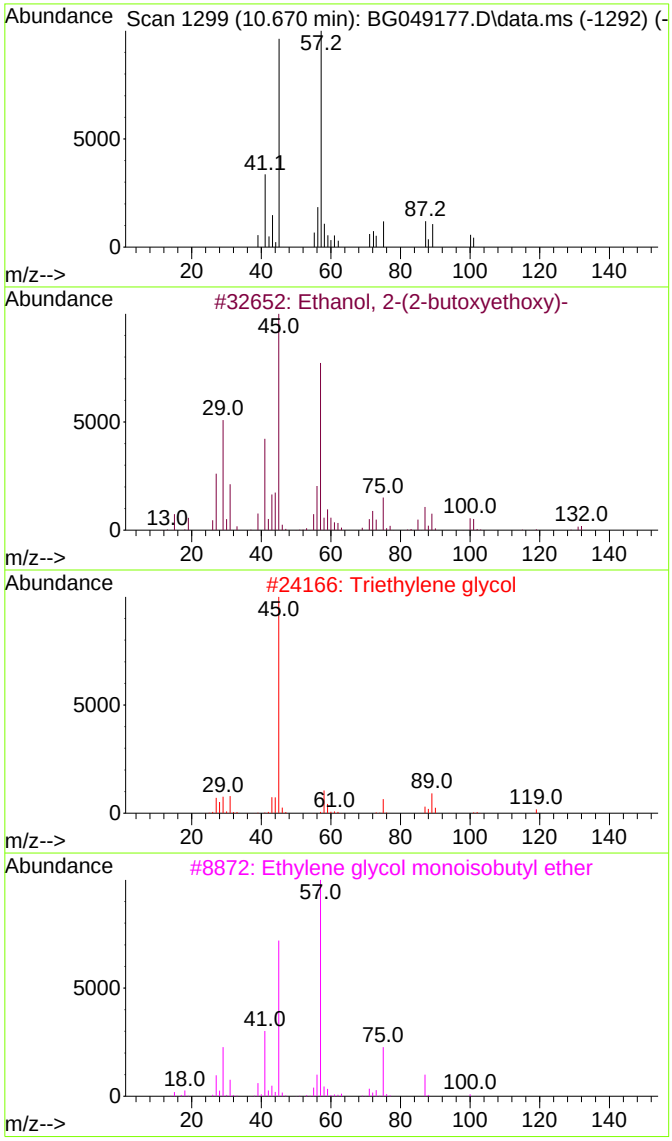
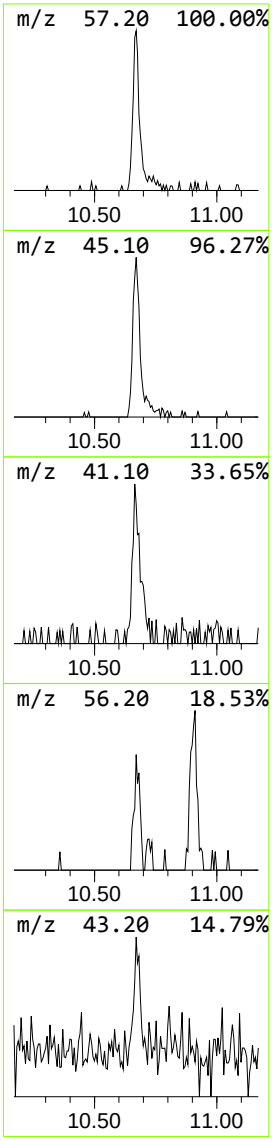
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	2.77 ng	44184	Naphthalene-d8	10.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Triethylene glycol	150	C6H14O4	000112-27-6	53
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	42
5	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	38





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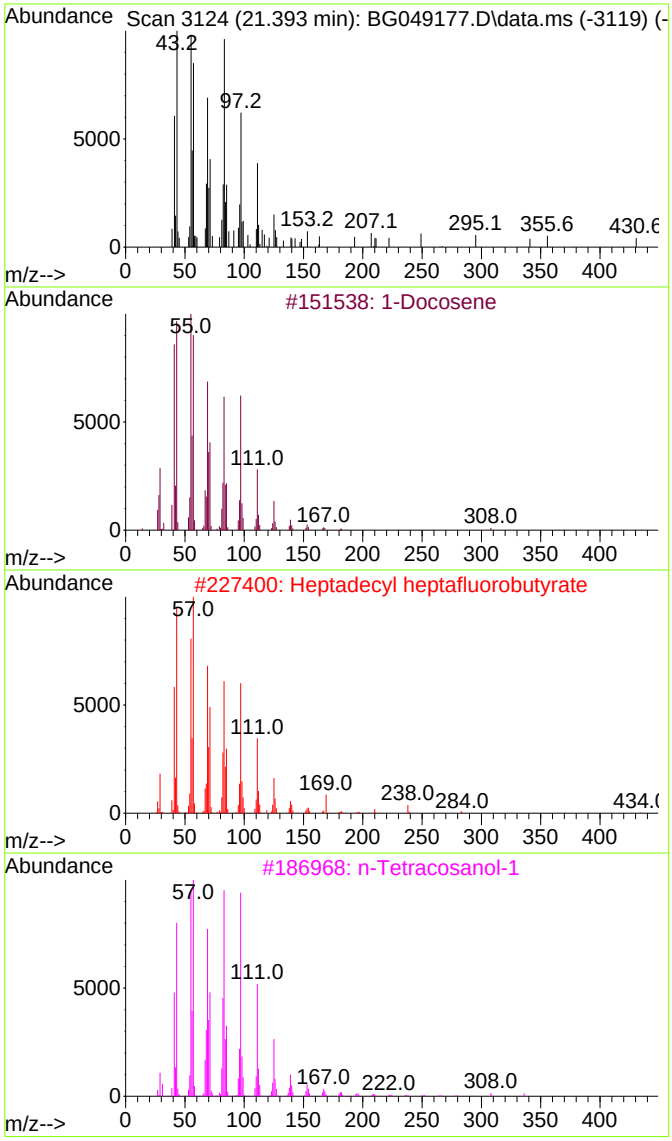
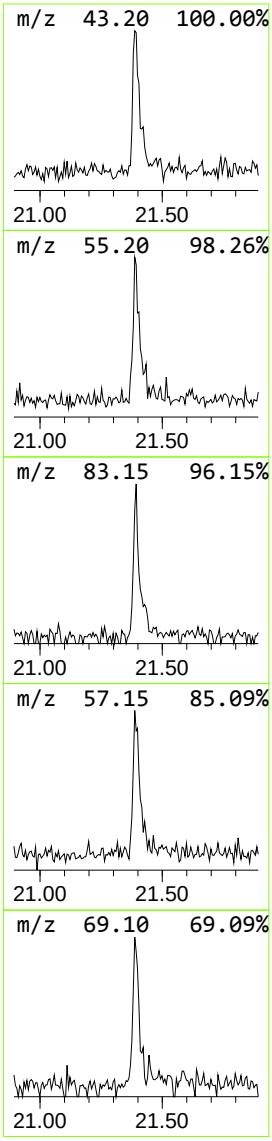
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.393	2.95 ng	96267	Chrysene-d12	21.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	81
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76





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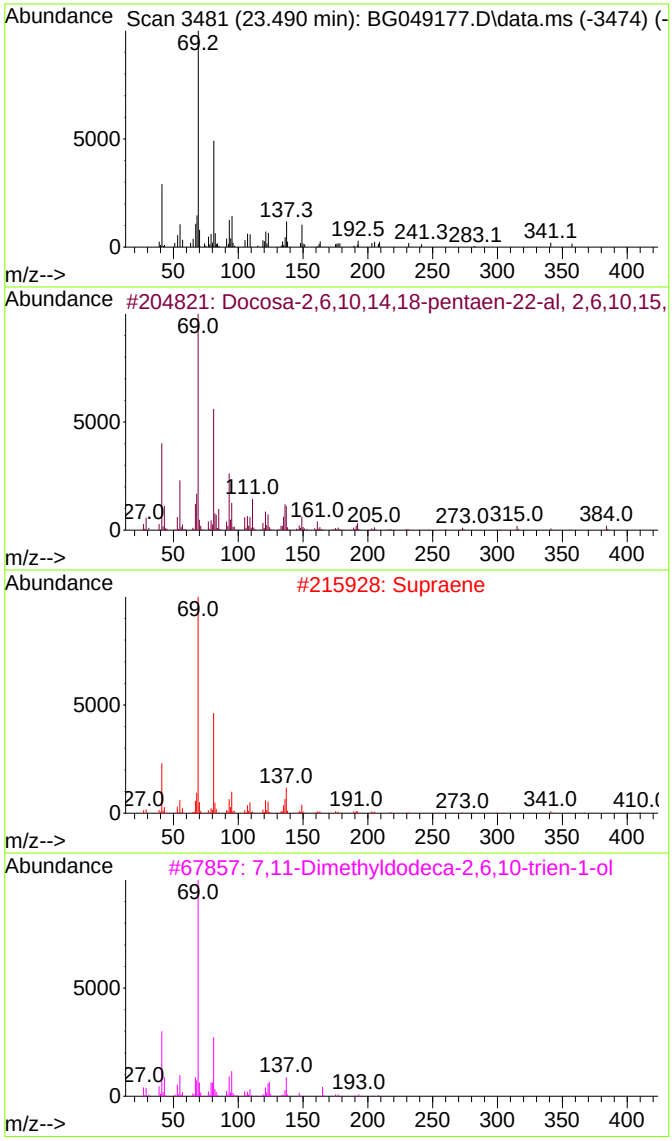
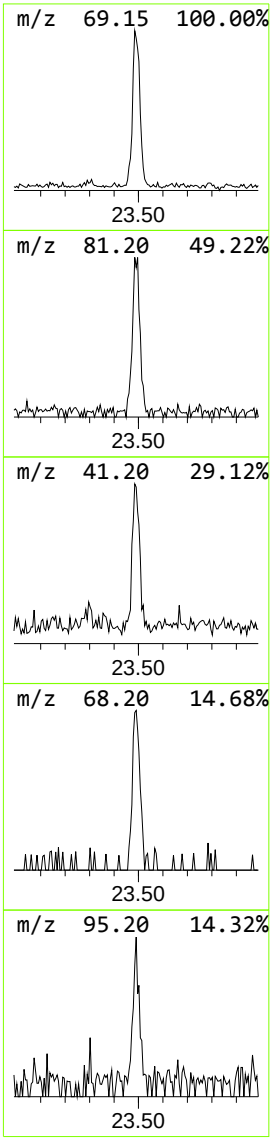
****
Peak Number 6 Docosa-2,6,10,14,18-pentaen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.490	2.90 ng	98348	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
2	Supraene	410	C30H50	007683-64-9	72
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	Squalene	410	C30H50	000111-02-4	64
5	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.126	11.4	ng	130423	1	8.085	229666	20.0
Butane, 2-metho...	3.208	3.7	ng	42636	1	8.085	229666	20.0
2-Pentanone, 4-...	5.165	10.0	ng	114418	1	8.085	229666	20.0
Ethanol, 2-(2-b...	10.670	2.8	ng	44184	2	10.905	318904	20.0
1-Docosene	21.393	3.0	ng	96267	5	21.763	653609	20.0
Docosa-2,6,10,1...	23.490	2.9	ng	98348	6	25.065	679140	20.0