LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
Data File : BG049837.D
Acq On : 13 Aug 2021 16:35
Operator : CG/JU
Sample : M3316-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	11	17	33	rVB	300227	568610	23.54%	5.892%
2	4.175	186	193	200	rBV2	15619	27716	1.15%	0.287%
3	5.591	427	434	446	rBV	253057	432402	17.90%	4.480%
4	7.194	700	707	718	rBV	167216	296110	12.26%	3.068%
5	8.034	842	850	856	rBV	101810	175615	7.27%	1.820%
6	9.203	1042	1049	1059	rBV	335497	612105	25.34%	6.342%
7	10.619	1285	1290	1300	rBV2	27150	61397	2.54%	0.636%
8	10.854	1322	1330	1341	rVB	133132	240035	9.94%	2.487%
9	13.304	1740	1747	1758	rBV	868332	1355327	56.12%	14.043%
10	13.568	1786	1792	1796	rBV2	21172	32534	1.35%	0.337%
11	14.684	1974	1982	1989	rBV	209659	331358	13.72%	3.433%
12	15.419	2101	2107	2113	rBV	176182	258629	10.71%	2.680%
13	16.182	2229	2237	2252	rBV	890658	1428615	59.15%	14.803%
14	17.439	2445	2451	2458	rVB	293962	441531	18.28%	4.575%
15	20.048	2889	2895	2902	rVB	1828887	2415169	100.00%	25.025%
16	21.369	3114	3120	3125	rBV8	21754	49077	2.03%	0.509%
17	21.722	3173	3180	3188	rBV	258714	450077	18.64%	4.663%
18	24.030	3571	3573	3582	rVB10	13362	25733	1.07%	0.267%
19	25.000	3729	3738	3748	rVB2	160519	449059	18.59%	4.653%

Sum of corrected areas: 9651099

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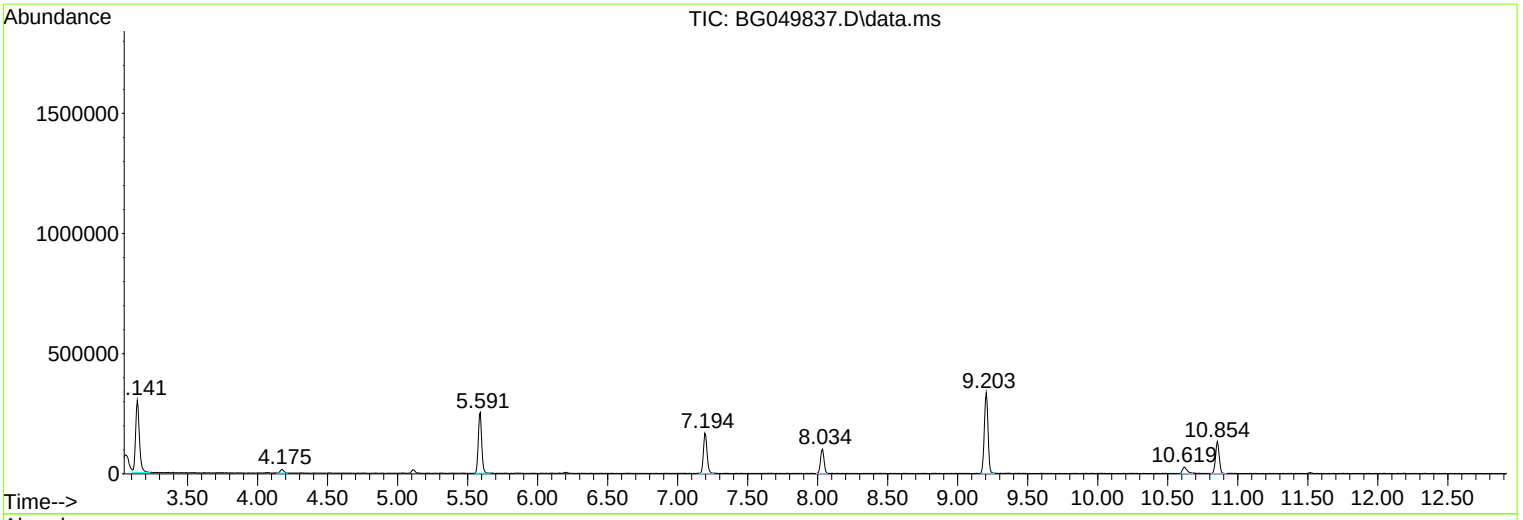
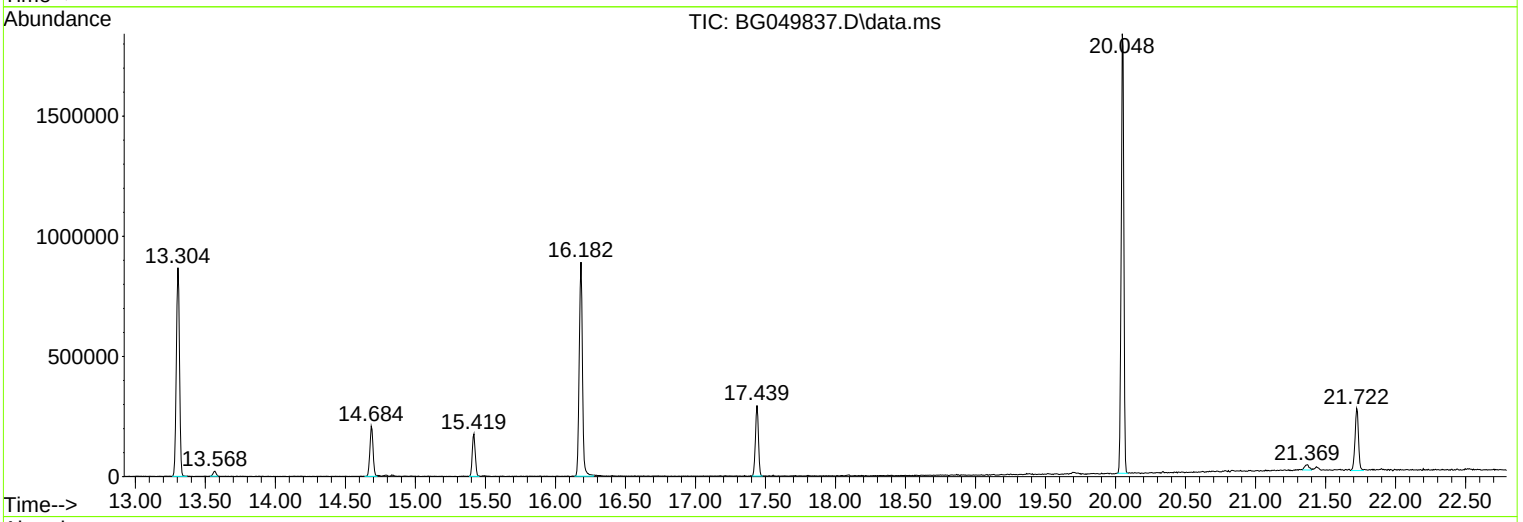
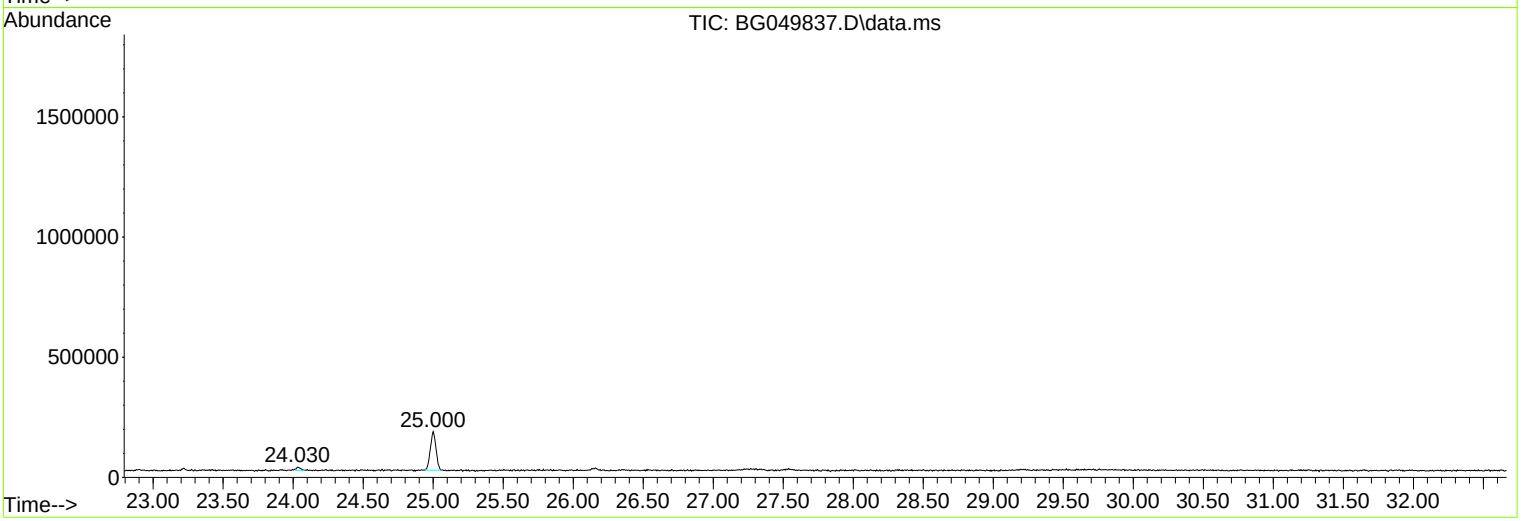
BNA_G
ClientSampleId :
GROUND-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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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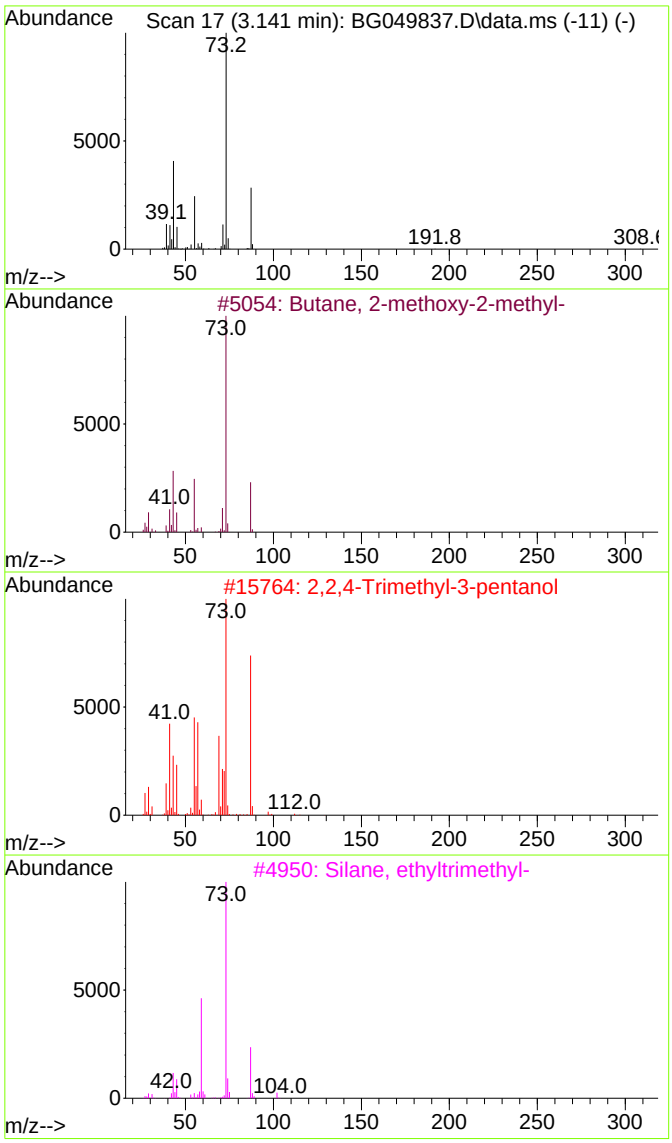
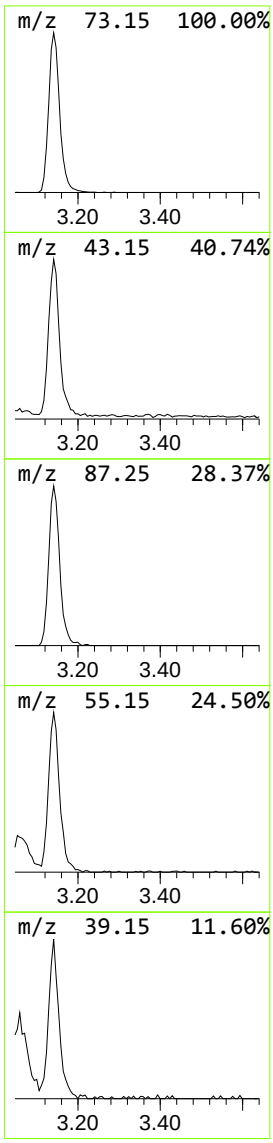
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	64.76 ng	568610	1,4-Dichlorobenzene-d4	8.034

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	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument :
BNA_G
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GROUND-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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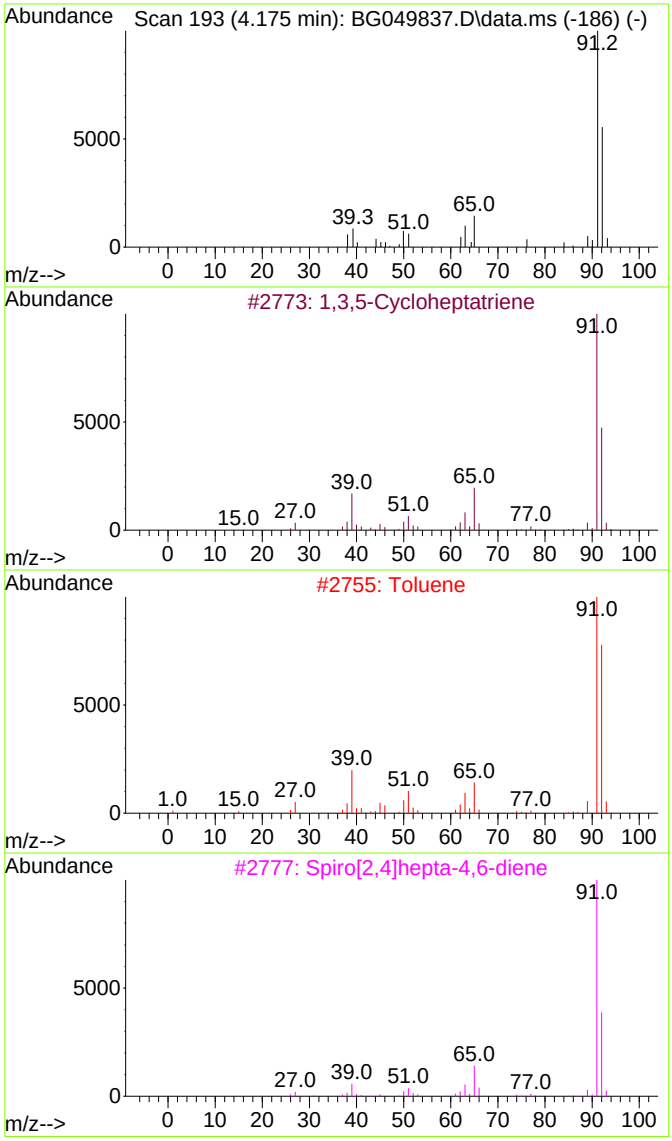
TIC Integration Parameters: LSCINT.P

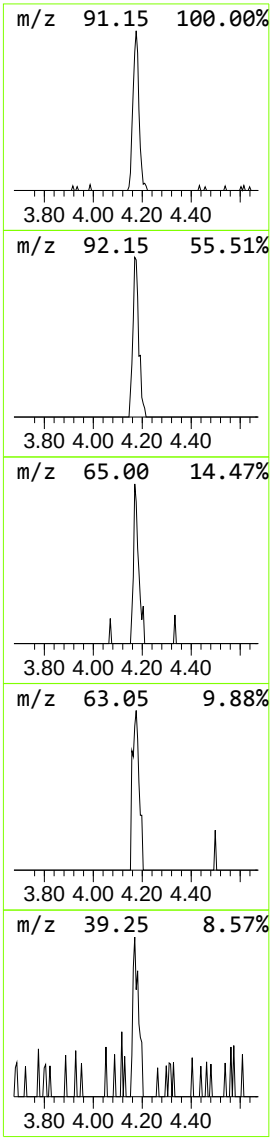
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.175	3.16 ng	27716	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
2	Toluene	92	C7H8	000108-88-3	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	86
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	56





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BNA_G
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GROUND-WATER

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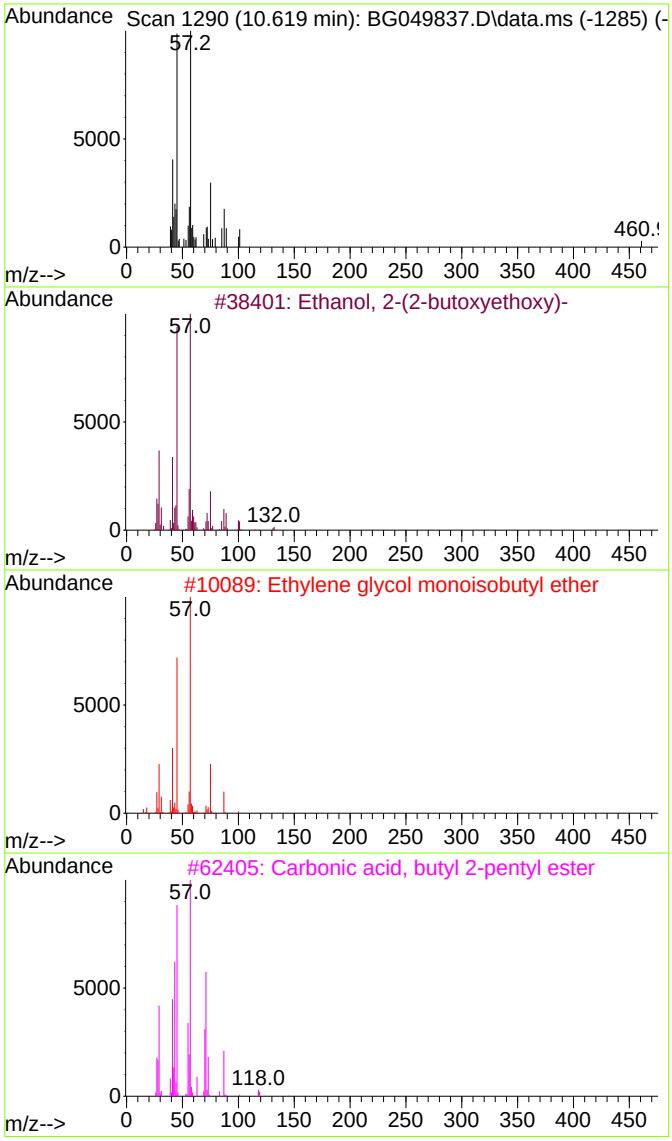
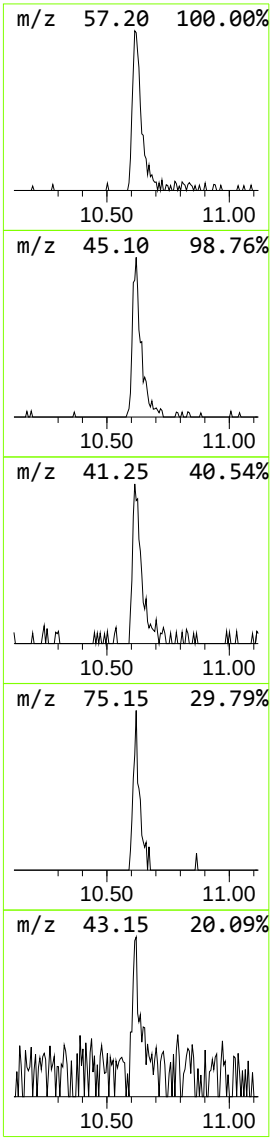
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.619	5.12 ng	61397	Naphthalene-d8	10.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Carbonic acid, butyl 2-pentyl ester	188	C10H20O3	1000357-84-0	50
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	47





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Instrument : BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
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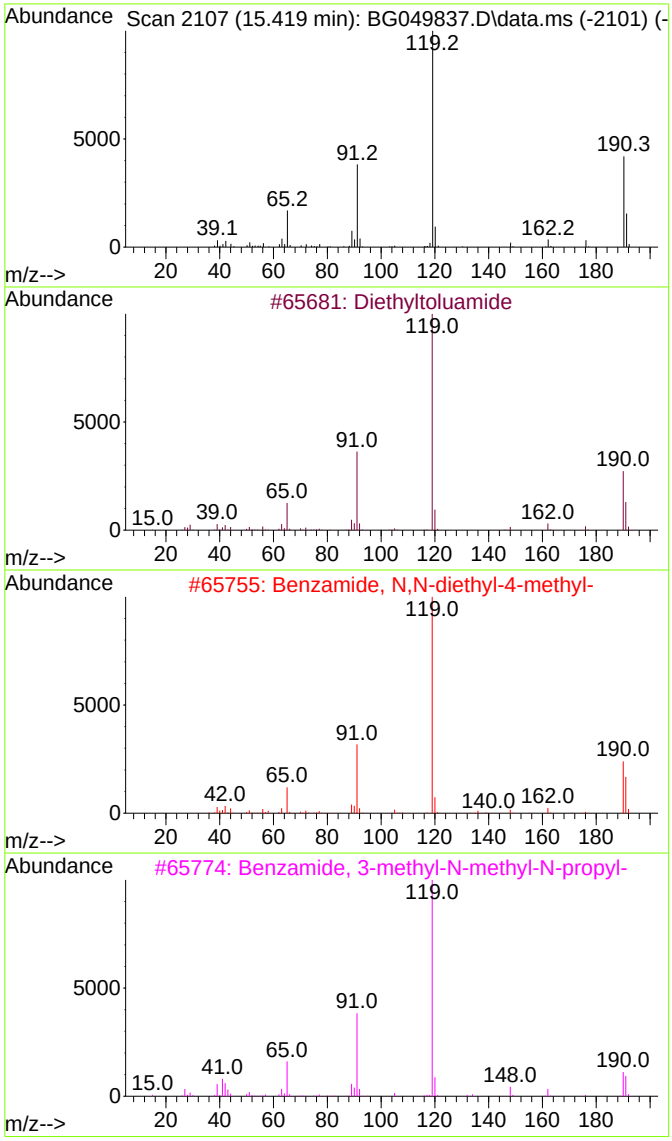
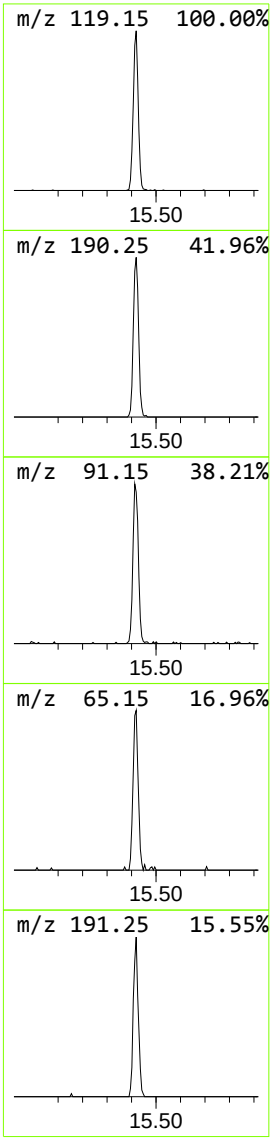
****

Peak Number 4 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.419	15.61 ng	258629	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	68





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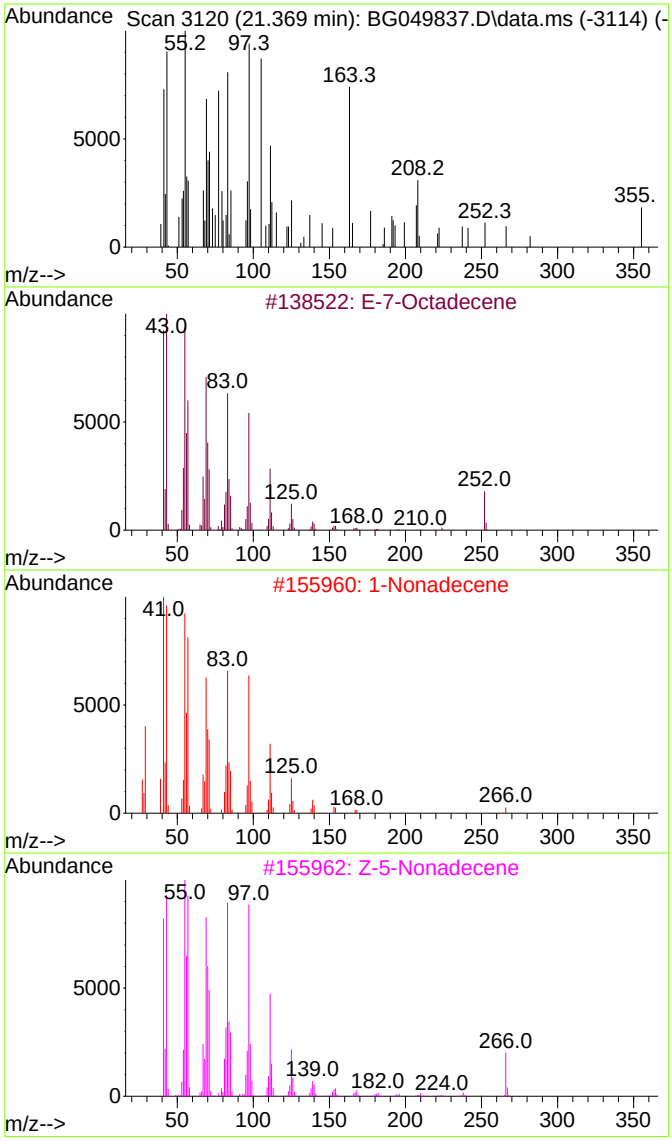
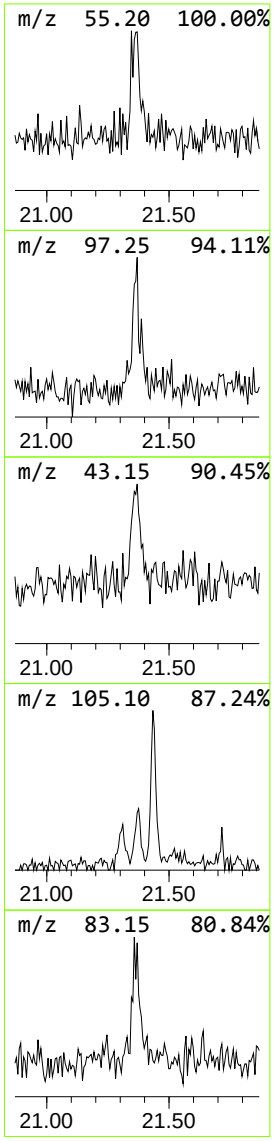
****

Peak Number 5 E-7-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.369	2.18 ng	49077	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	70
2	1-Nonadecene	266	C19H38	018435-45-5	55
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	55
4	Eicosyl methyl ether	312	C21H44O	1000406-29-4	46
5	Cis-1,3-di(n-hexyl)cyclohexane	252	C18H36	086701-17-9	46





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...	3.141	64.8	ng	568610	1	8.034	175615	20.0
1,3,5-Cyclohept...	4.175	3.2	ng	27716	1	8.034	175615	20.0
Ethanol, 2-(2-b...	10.619	5.1	ng	61397	2	10.854	240035	20.0
Diethyltoluamide	15.419	15.6	ng	258629	3	14.684	331358	20.0
E-7-Octadecene	21.369	2.2	ng	49077	5	21.722	450077	20.0