LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050648.D
Acq On : 20 Oct 2021 16:45
Operator : CG/JU
Sample : M4287-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EXC-SOIL-A

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050648.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.791	385	392	401	rBV	616123	1034282	49.55%	9.360%
2	7.389	656	664	675	rBV	606652	1095392	52.48%	9.913%
3	8.247	803	810	822	rBV	148515	261394	12.52%	2.366%
4	9.422	1002	1010	1022	rVB	375316	698914	33.48%	6.325%
5	10.820	1240	1248	1263	rBV	185174	324755	15.56%	2.939%
6	11.073	1284	1291	1299	rBV	194145	353988	16.96%	3.204%
7	13.493	1695	1703	1710	rBV	881868	1389525	66.57%	12.575%
8	14.868	1929	1937	1944	rBV	299854	473878	22.70%	4.289%
9	16.349	2183	2189	2201	rVB	655799	1002442	48.03%	9.072%
10	17.612	2396	2404	2410	rBV	366998	574370	27.52%	5.198%
11	18.247	2507	2512	2517	rBV	36225	45401	2.18%	0.411%
12	18.470	2545	2550	2558	rBV3	14763	24569	1.18%	0.222%
13	19.404	2706	2709	2717	rVB2	53527	63234	3.03%	0.572%
14	20.197	2838	2844	2851	rBV	1571250	2087308	100.00%	18.890%
15	21.502	3056	3066	3070	rBV2	107536	208190	9.97%	1.884%
16	21.607	3079	3084	3090	rVB	72607	102968	4.93%	0.932%
17	21.907	3129	3135	3143	rVB	370539	648517	31.07%	5.869%
18	23.652	3429	3432	3438	rVB	12998	22510	1.08%	0.204%
19	25.321	3705	3716	3727	rVB4	206902	638268	30.58%	5.776%

Sum of corrected areas: 11049905

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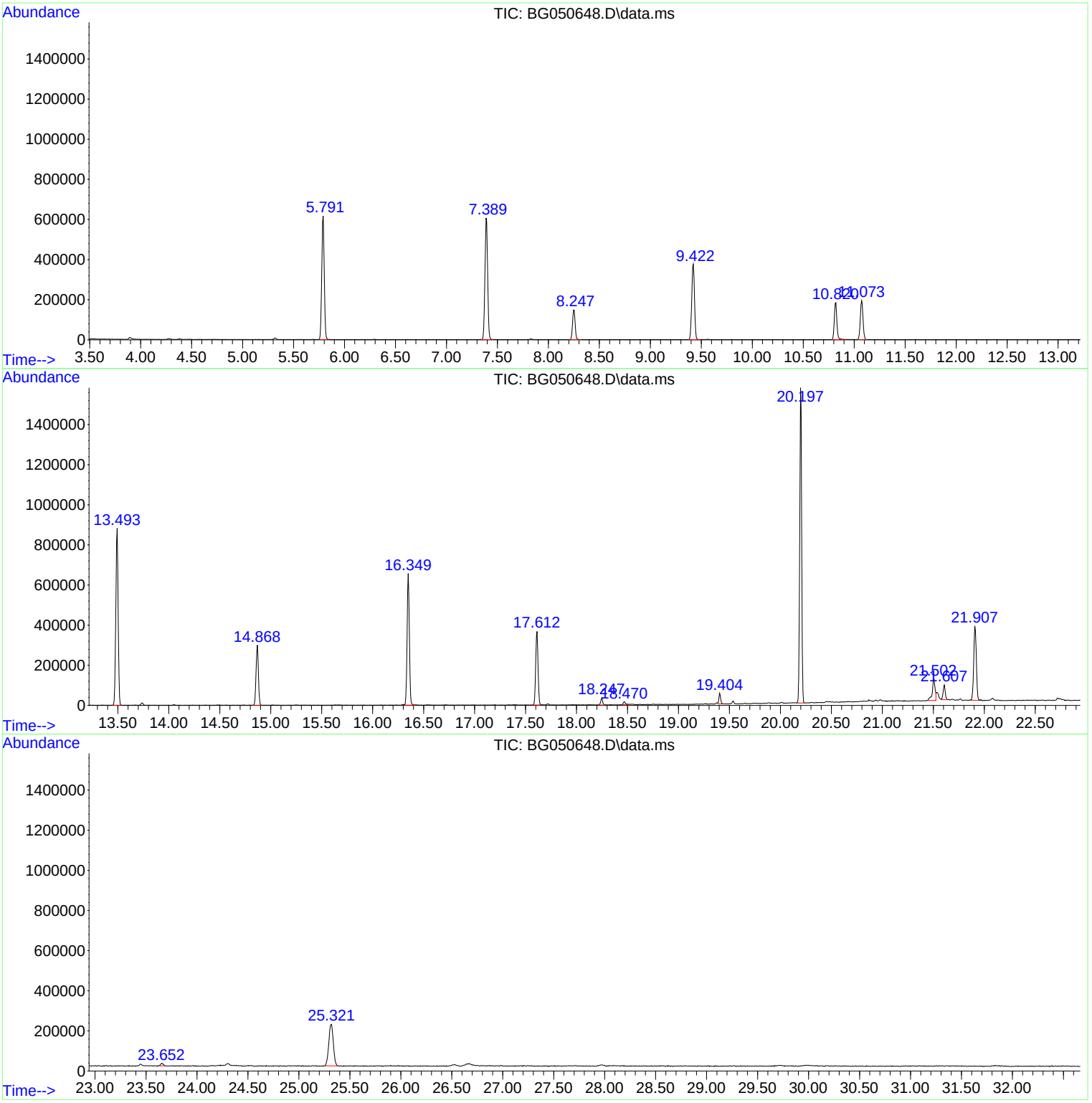
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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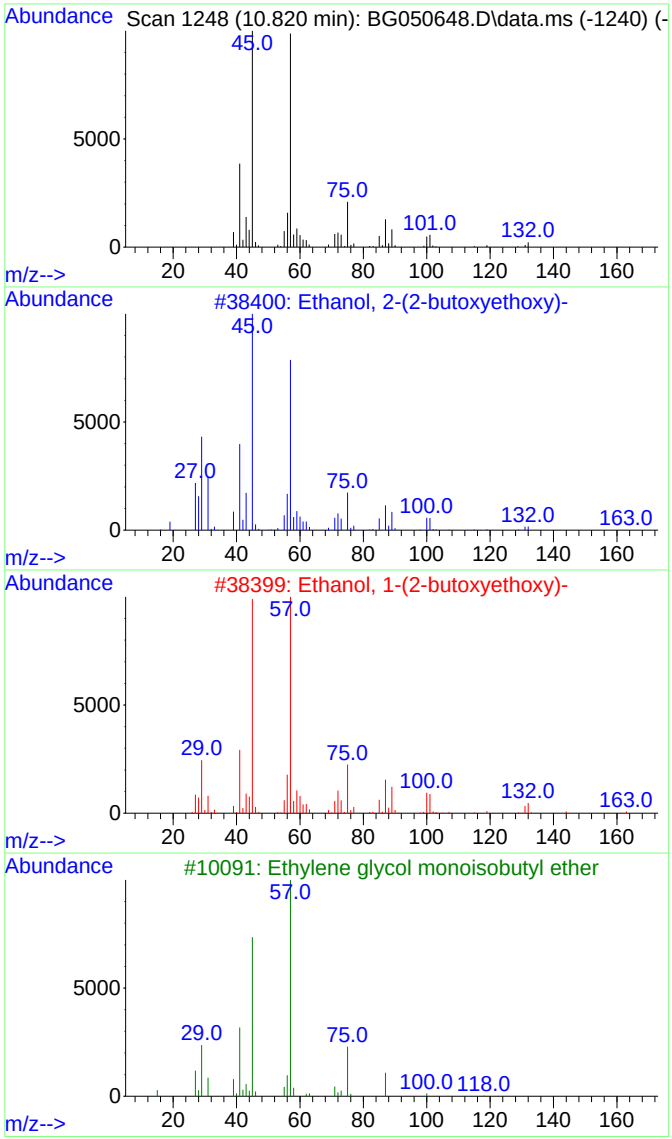
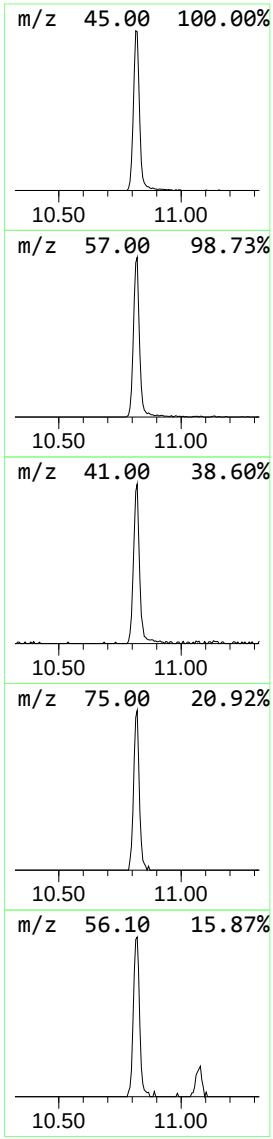
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.820	18.35 ng	324755	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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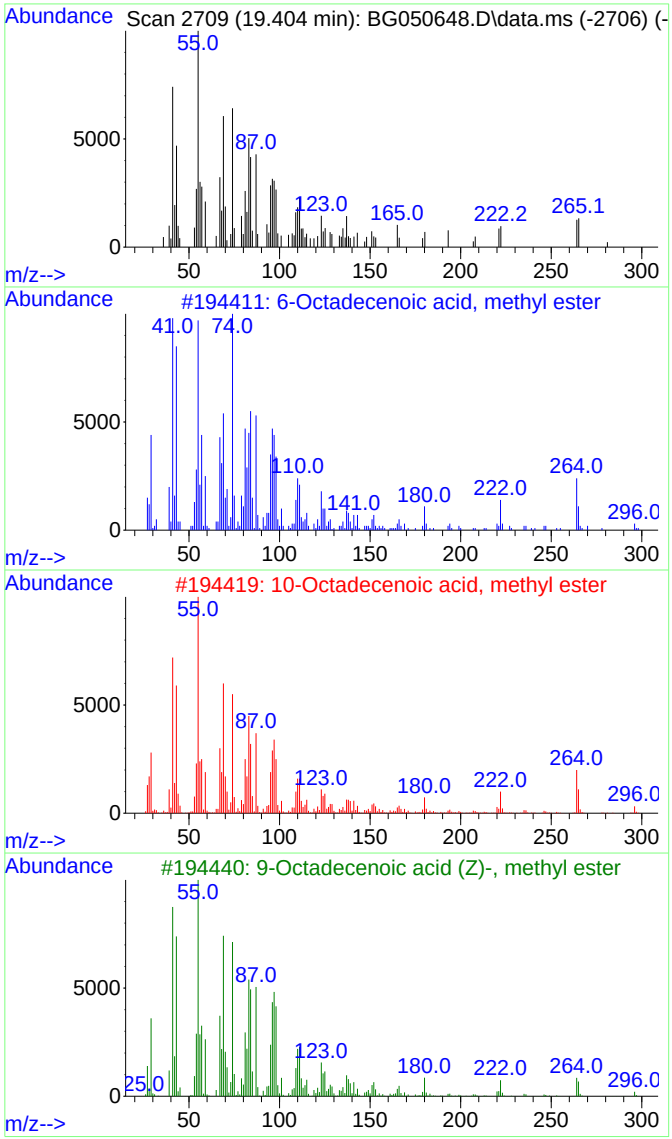
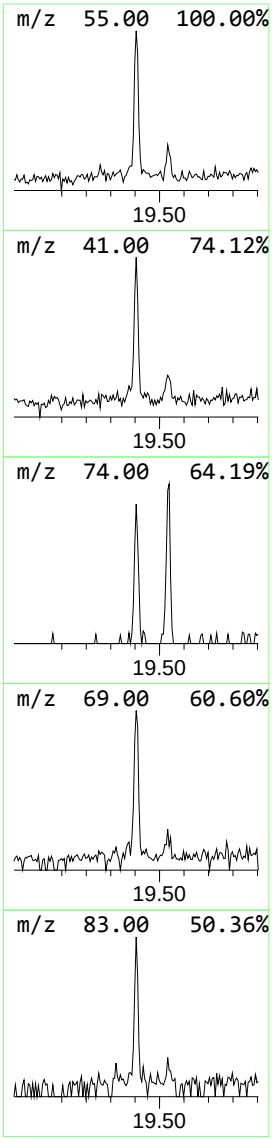
Peak Number 2 6-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.20 ng	63234	Phenanthrene-d10	17.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	83
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	74





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Misc :
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Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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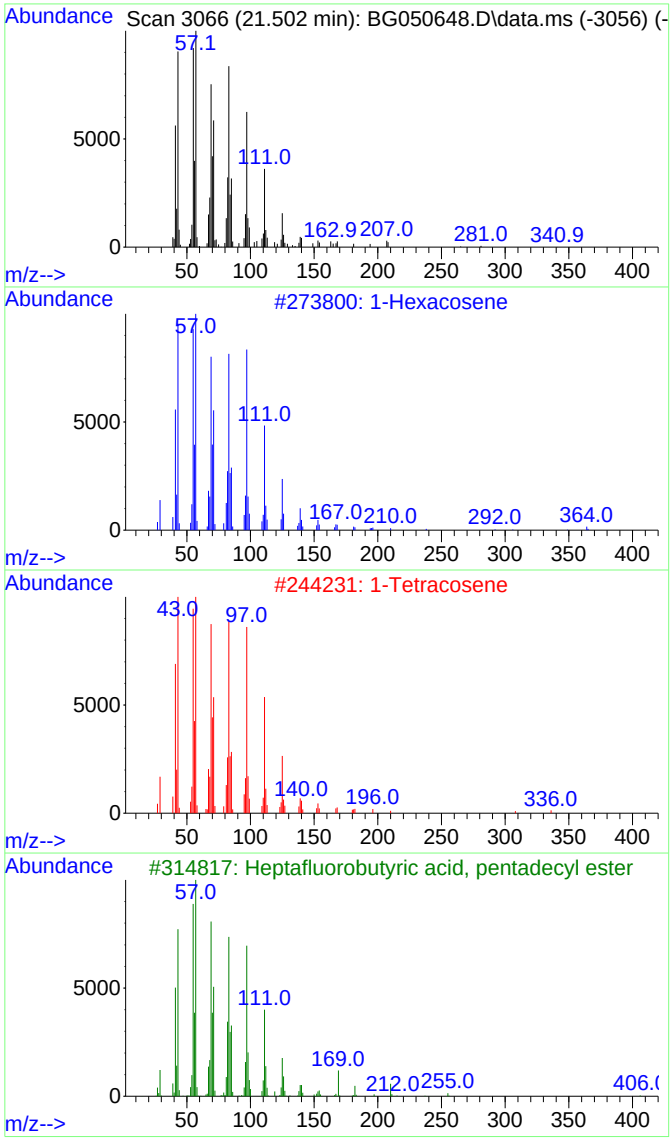
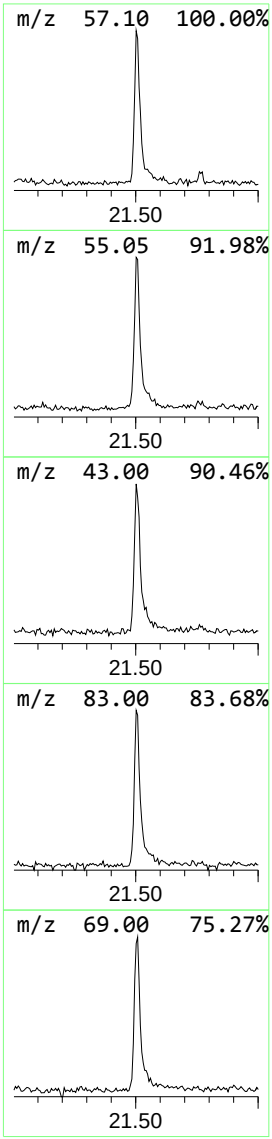
Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.502	6.42 ng	208190	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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Instrument : BNA_G
ClientSampleId : EXC-SOIL-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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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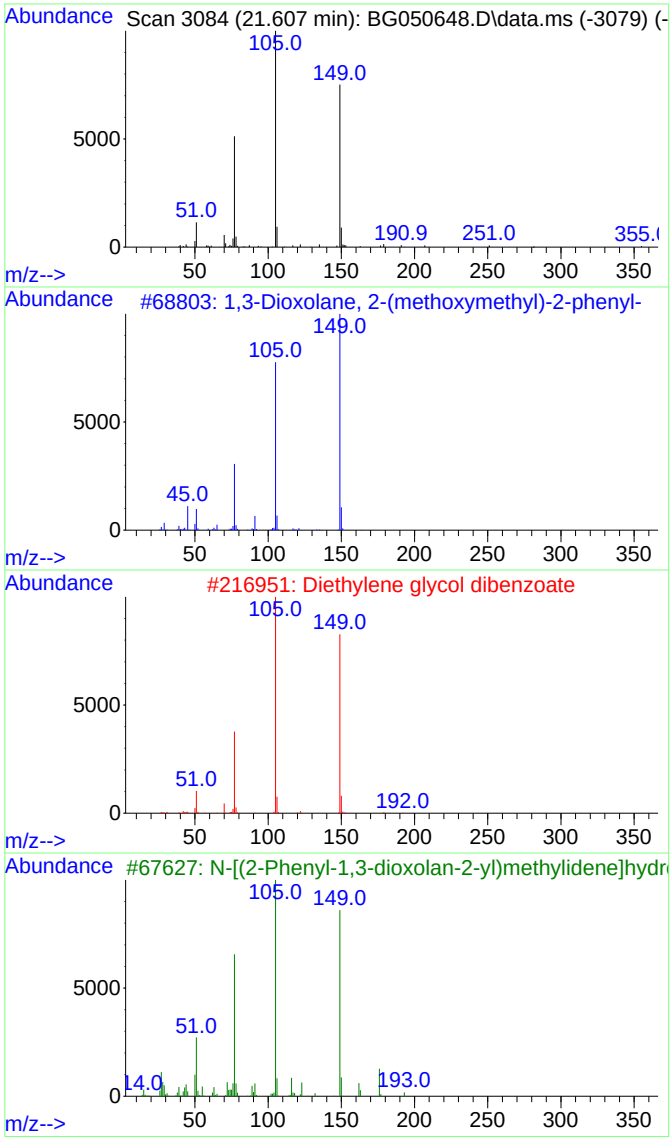
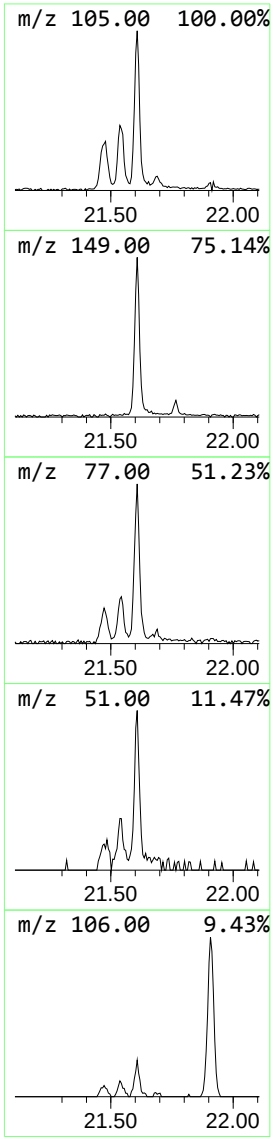
Peak Number 4 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.607	3.18 ng	102968	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	83
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
3	N-[(2-Phenyl-1,3-dioxolan-2-yl)m...	193	C10H11NO3	1000411-48-9	83
4	Phenyl(2-phenyl-1,3-dioxolan-2-y...	270	C17H18O3	1000507-07-6	74
5	Phenyl(2-phenyl-1,3-dioxolan-2-y...	298	C18H18O4	006963-16-2	74





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.820	18.4	ng	324755	2	11.073	353988	20.0
6-Octadecenoic ...	19.404	2.2	ng	63234	4	17.612	574370	20.0
1-Hexacosene	21.502	6.4	ng	208190	5	21.907	648517	20.0
1,3-Dioxolane, ...	21.607	3.2	ng	102968	5	21.907	648517	20.0