LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048492.D
Acq On : 24 Mar 2021 16:57
Operator : CG/JU
Sample : M1742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CAL-IDWTANK1-20210318

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048492.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.652	387	394	405	rBV	561456	888023	19.80%	5.114%
2	7.250	659	666	678	rBV	365332	663261	14.79%	3.819%
3	8.102	802	811	817	rBV	187437	317318	7.08%	1.827%
4	9.272	1002	1010	1017	rBV	670754	1228039	27.38%	7.072%
5	9.377	1021	1028	1033	rBV3	33229	56430	1.26%	0.325%
6	10.923	1283	1291	1298	rBV	241653	422809	9.43%	2.435%
7	13.367	1699	1707	1715	rVB	1799555	2777957	61.94%	15.997%
8	14.184	1839	1846	1850	rBV	34774	52756	1.18%	0.304%
9	14.742	1934	1941	1948	rVB	415415	645399	14.39%	3.717%
10	15.470	2060	2065	2069	rBV	37240	47746	1.06%	0.275%
11	16.234	2187	2195	2205	rBV	1732350	2618981	58.40%	15.081%
12	17.491	2403	2409	2416	rVB	533366	796117	17.75%	4.584%
13	17.609	2424	2429	2437	rVB8	30809	48978	1.09%	0.282%
14	18.373	2552	2559	2567	rBV	133137	198664	4.43%	1.144%
15	20.100	2847	2853	2861	rBV	3315092	4484641	100.00%	25.825%
16	21.416	3072	3077	3086	rBV4	119854	330235	7.36%	1.902%
17	21.493	3087	3090	3098	rVB	95122	142176	3.17%	0.819%
18	21.780	3132	3139	3148	rBV2	485486	809799	18.06%	4.663%
19	25.112	3696	3706	3718	rVB2	282992	836256	18.65%	4.816%

Sum of corrected areas: 17365585

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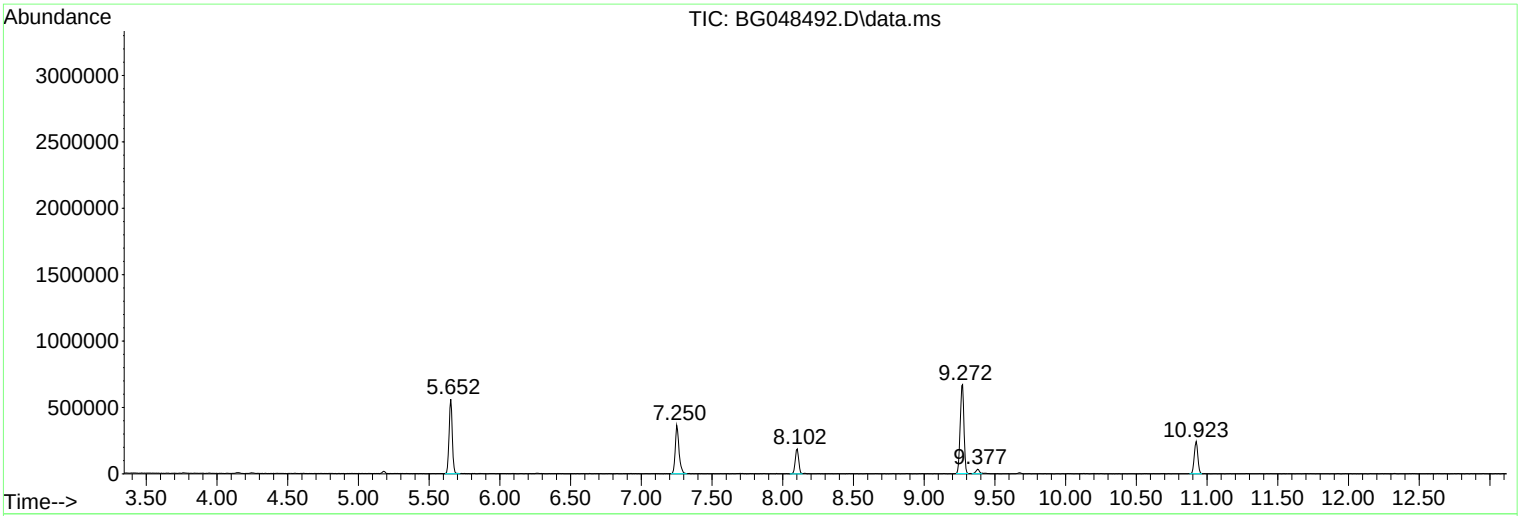
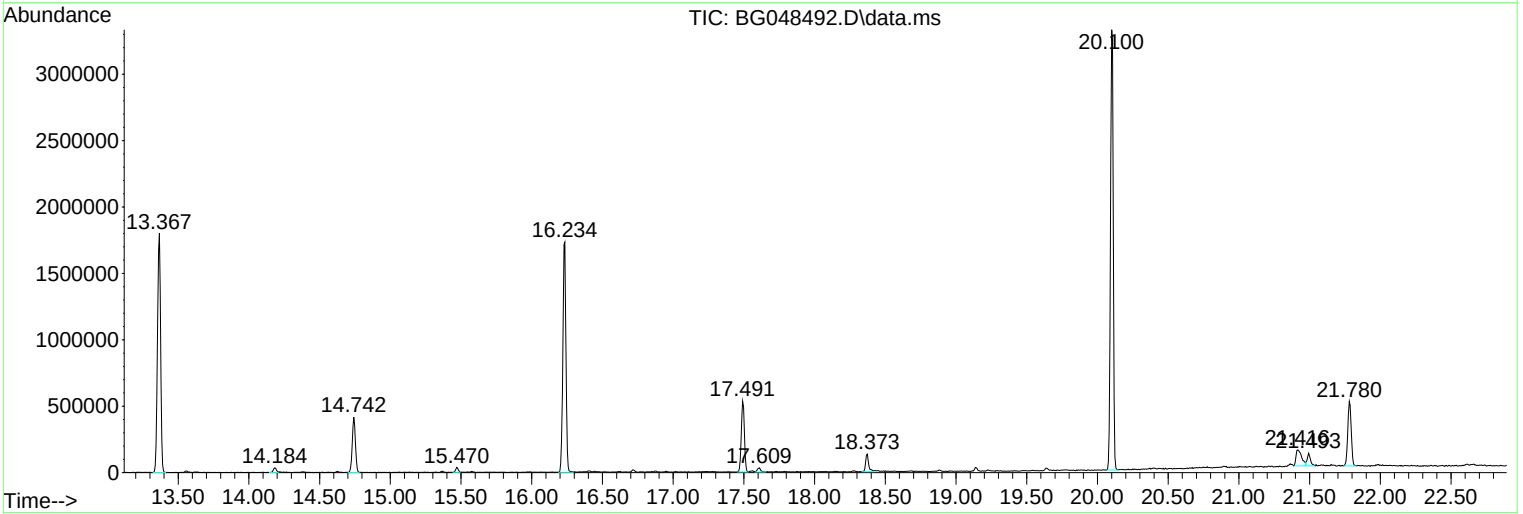
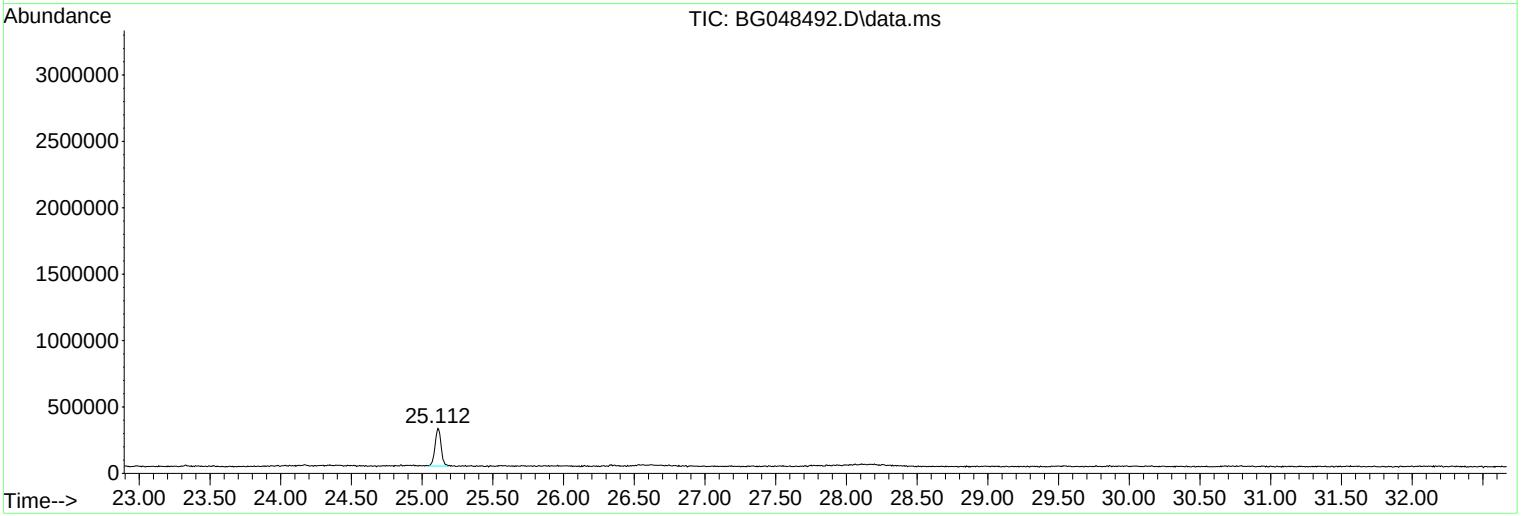
ClientSampleId :
CAL-IDWTANK1-20210318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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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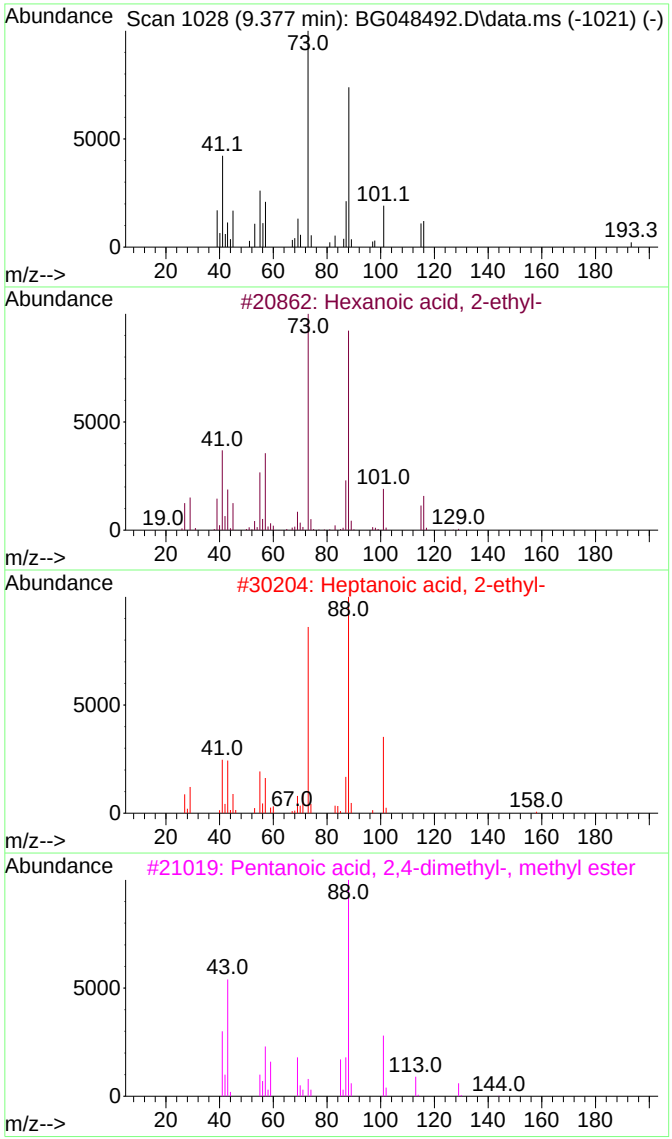
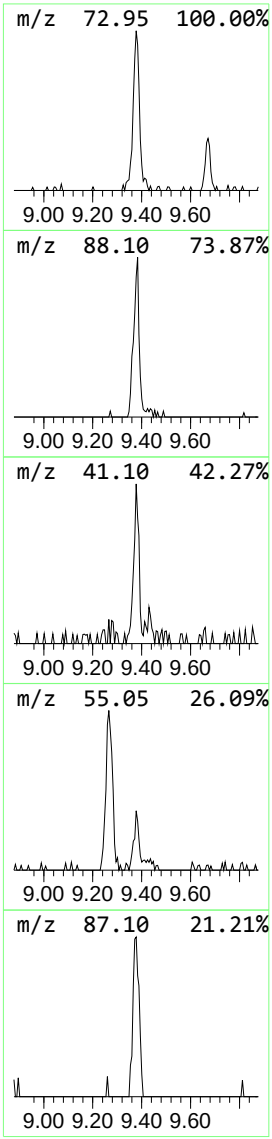
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.377	3.56 ng	56430	1,4-Dichlorobenzene-d4	8.102

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	53
4	Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	40
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40





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Instrument : BNA_G
ClientSampleId : CAL-IDWTANK1-20210318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
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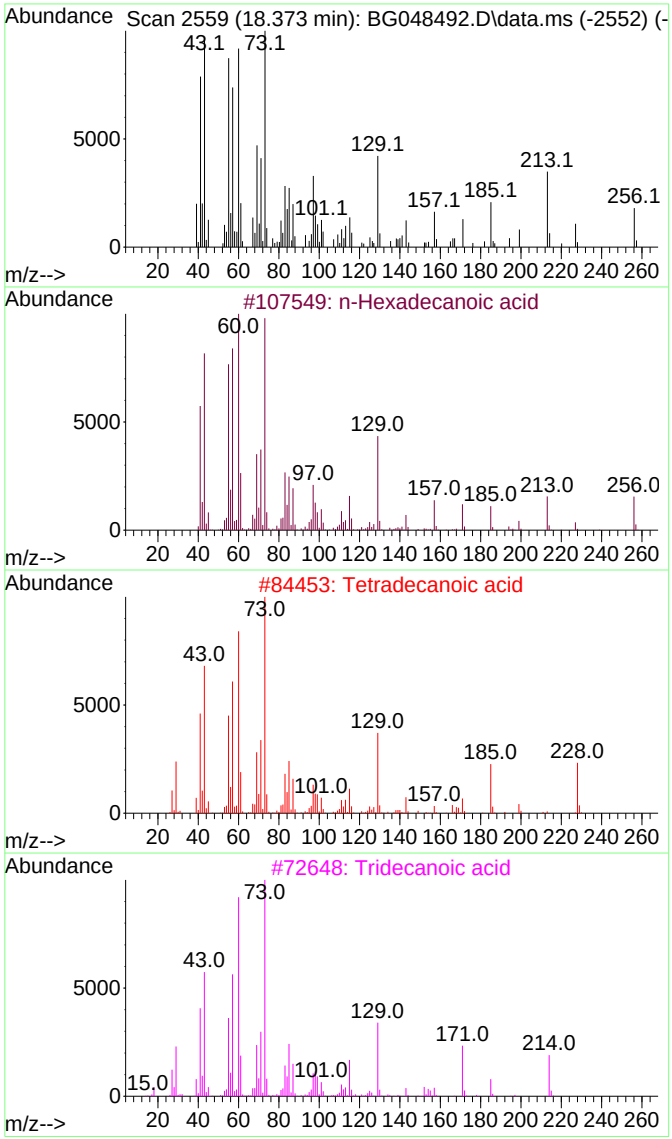
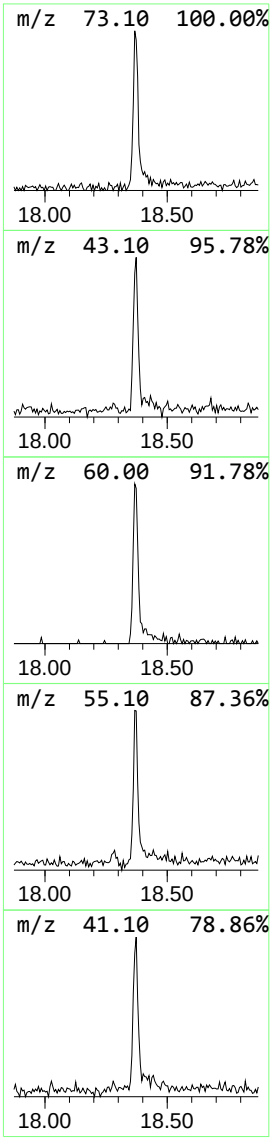
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	4.99 ng	198664	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Operator : CG/JU
Sample : M1742-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CAL-IDWTANK1-20210318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
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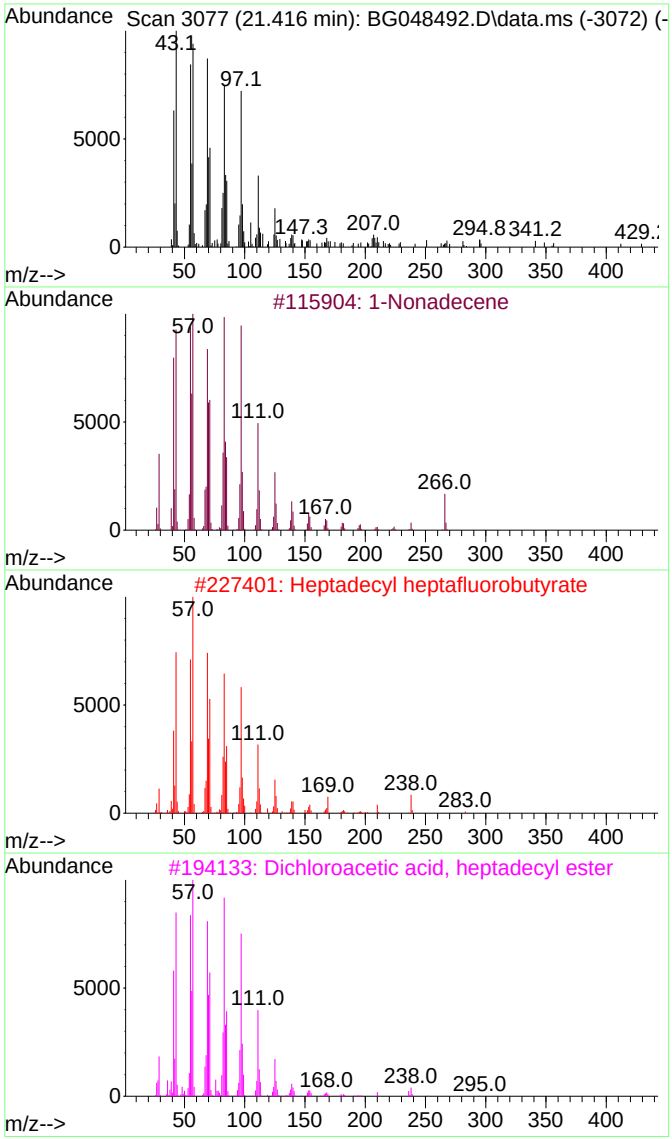
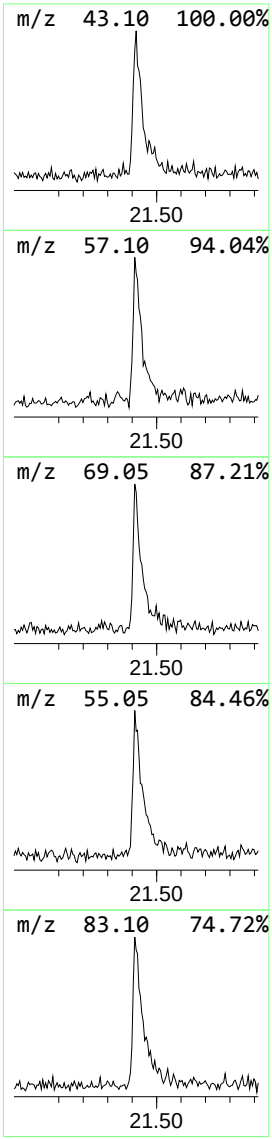
Peak Number 3 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.416	8.16 ng	330235	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Instrument : BNA_G
ClientSampleId : CAL-IDWTANK1-20210318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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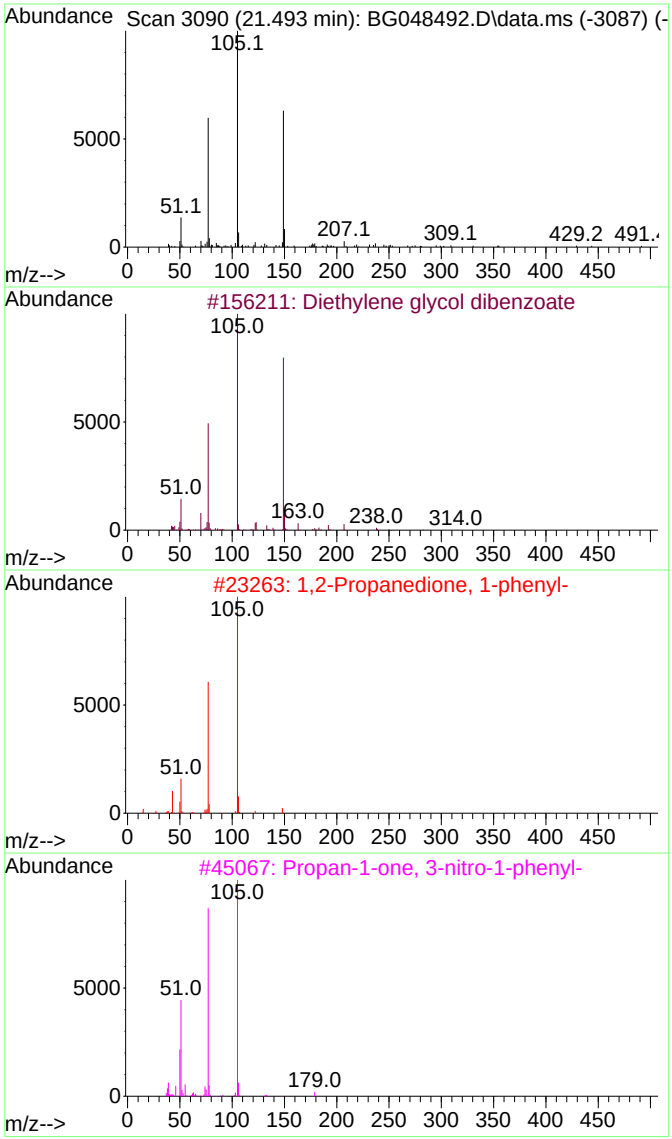
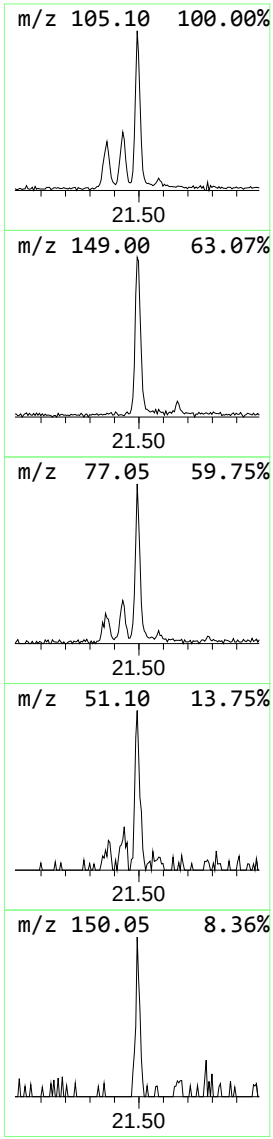
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.493	3.51 ng	142176	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
3	Propan-1-one, 3-nitro-1-phenyl-	179	C9H9NO3	062847-52-3	38
4	2,2-Bis[4-(benzoyloxy)phenyl]pro...	436	C29H24O4	002297-14-5	38
5	4'-Nitrobenzanilide	242	C13H10N2O3	003393-96-2	38





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	9.377	3.6	ng	56430	1	8.102	317318	20.0
n-Hexadecanoic ...	18.373	5.0	ng	198664	4	17.491	796117	20.0
1-Nonadecene	21.416	8.2	ng	330235	5	21.781	809799	20.0
Diethylene glyc...	21.493	3.5	ng	142176	5	21.781	809799	20.0