LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051057.D
Acq On : 16 Nov 2021 1:33
Operator : CG/JU
Sample : M4657-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051057.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.758	380	386	404	rBV	587666	979735	53.95%	8.453%
2	7.374	650	661	673	rBV	639551	1142240	62.90%	9.855%
3	8.226	798	806	812	rBV	156750	273043	15.04%	2.356%
4	9.401	997	1006	1018	rBV	395955	725333	39.94%	6.258%
5	10.800	1236	1244	1253	rBV	53492	104736	5.77%	0.904%
6	11.052	1279	1287	1294	rBV	235016	432033	23.79%	3.727%
7	13.473	1691	1699	1709	rBV	1029732	1647142	90.71%	14.211%
8	14.854	1926	1934	1942	rBV	386645	621704	34.24%	5.364%
9	16.340	2181	2187	2197	rVB	758888	1157627	63.75%	9.988%
10	17.603	2395	2402	2406	rBV	424267	680458	37.47%	5.871%
11	17.644	2406	2409	2415	rVB	44077	66081	3.64%	0.570%
12	17.738	2415	2425	2429	rBV3	11639	32280	1.78%	0.279%
13	18.449	2542	2546	2554	rBV3	62258	111109	6.12%	0.959%
14	19.642	2745	2749	2754	rVB	116538	168344	9.27%	1.452%
15	20.006	2807	2811	2818	rVB	119052	171953	9.47%	1.484%
16	20.188	2836	2842	2847	rBV	1401719	1815859	100.00%	15.667%
17	21.493	3060	3064	3073	rVB4	89506	170888	9.41%	1.474%
18	21.898	3127	3133	3139	rBV2	341974	617539	34.01%	5.328%
19	23.091	3331	3336	3345	rVB	358478	672432	37.03%	5.802%

Sum of corrected areas: 11590536

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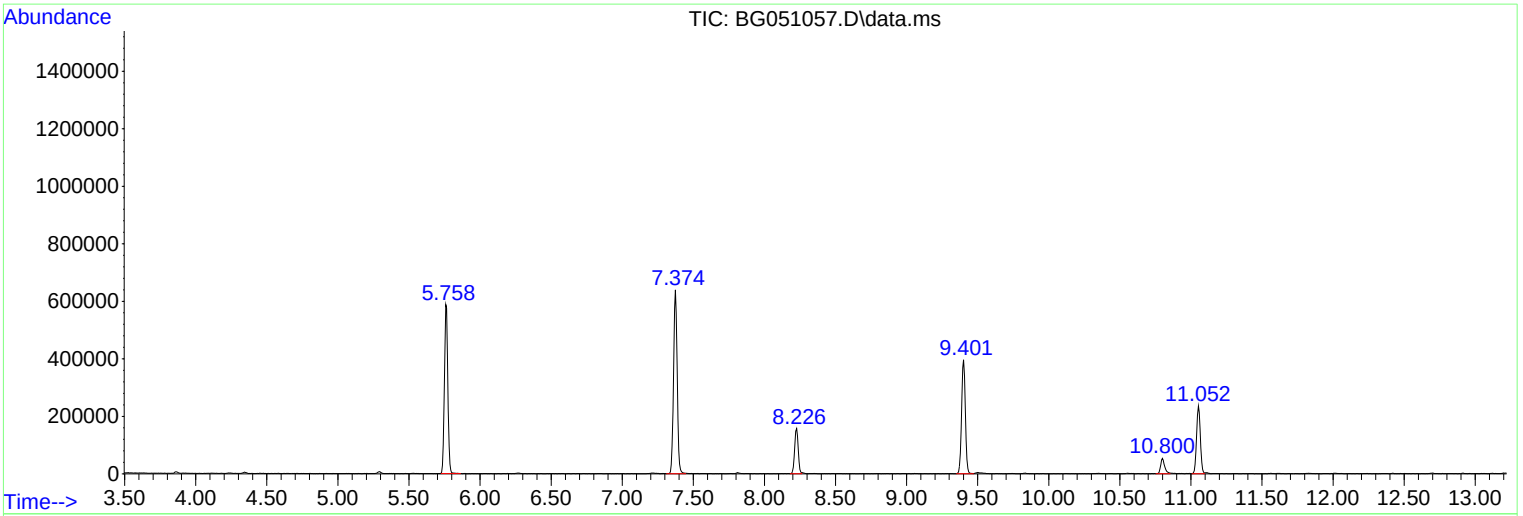
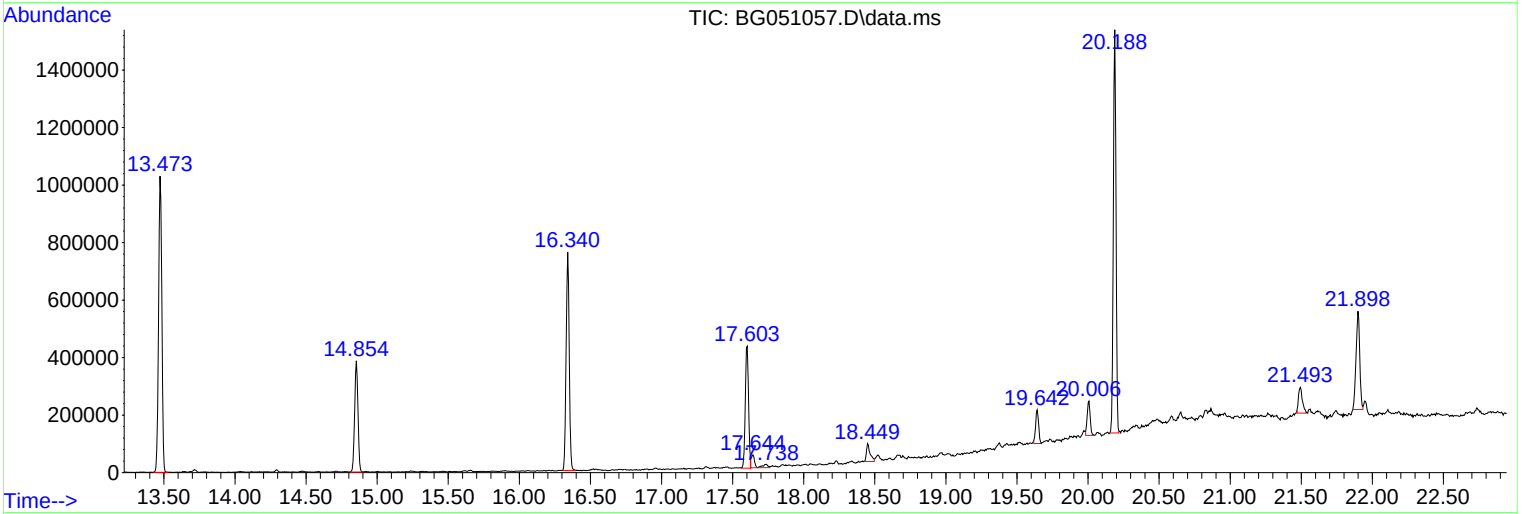
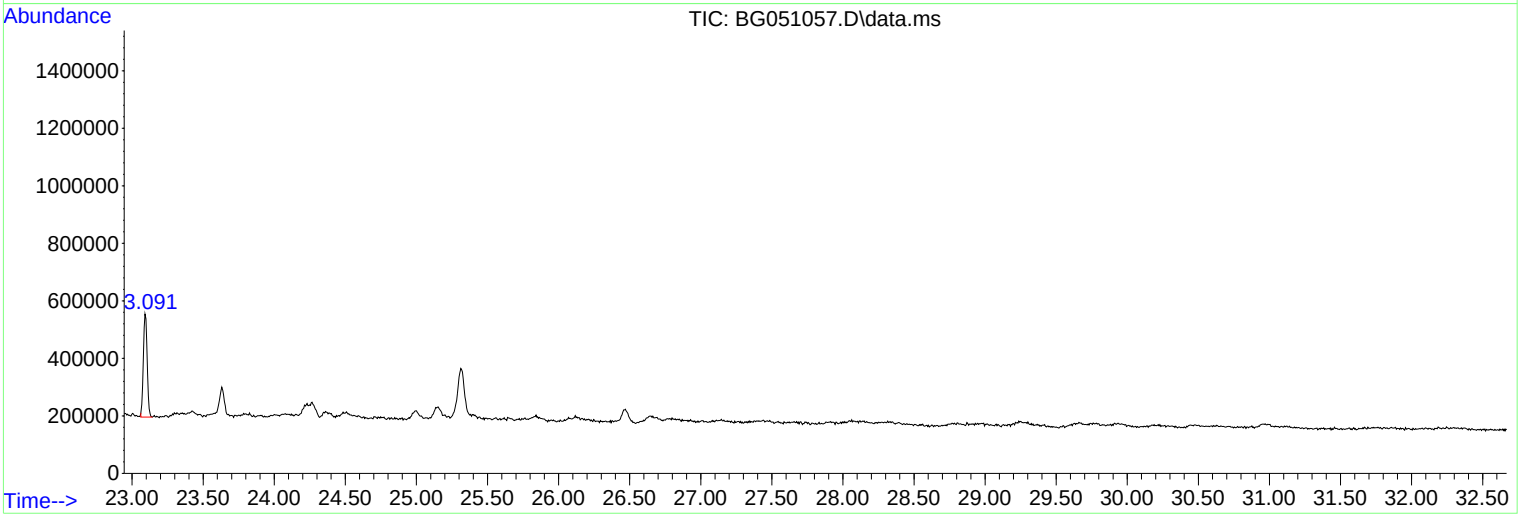
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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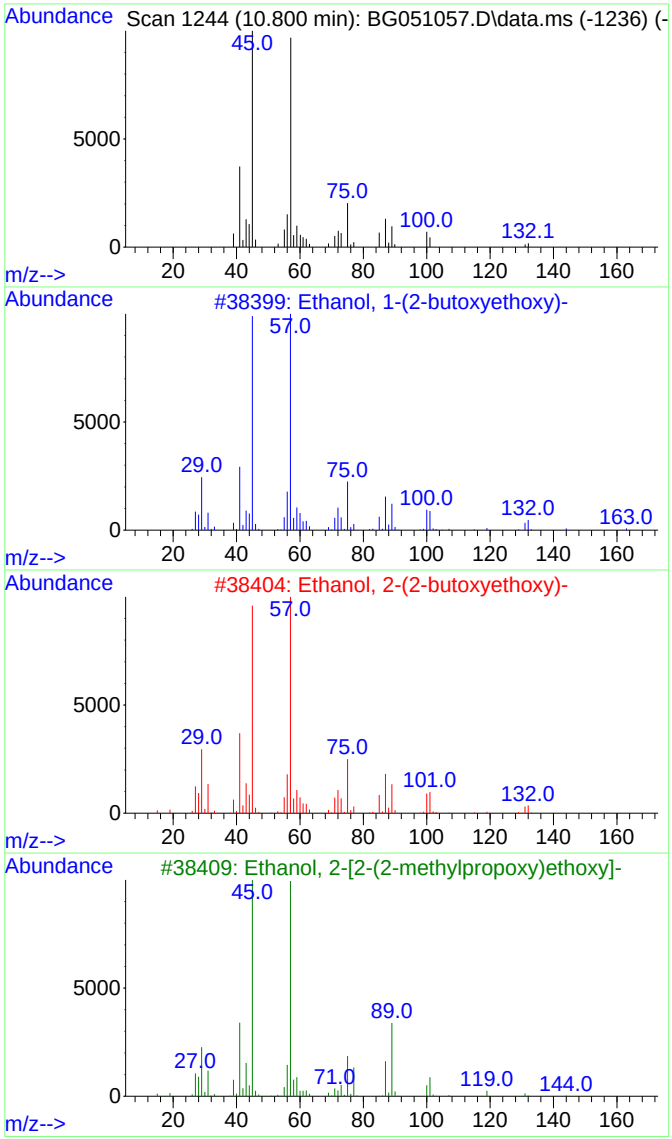
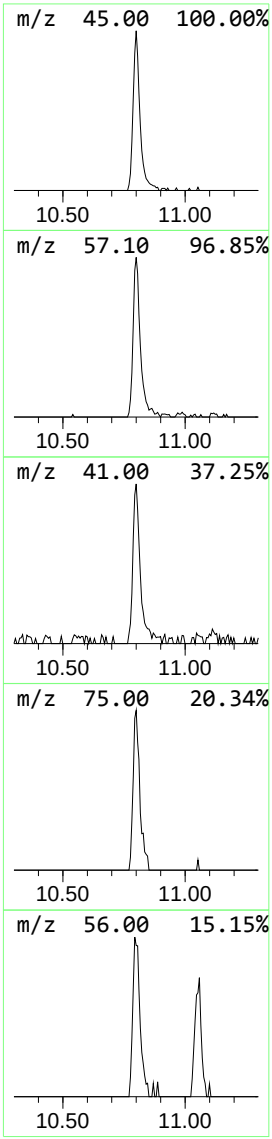
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.800	4.85 ng	104736	Naphthalene-d8	11.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Hexane, 1-(methoxymethoxy)-	146	C8H18O2	066675-06-7	50
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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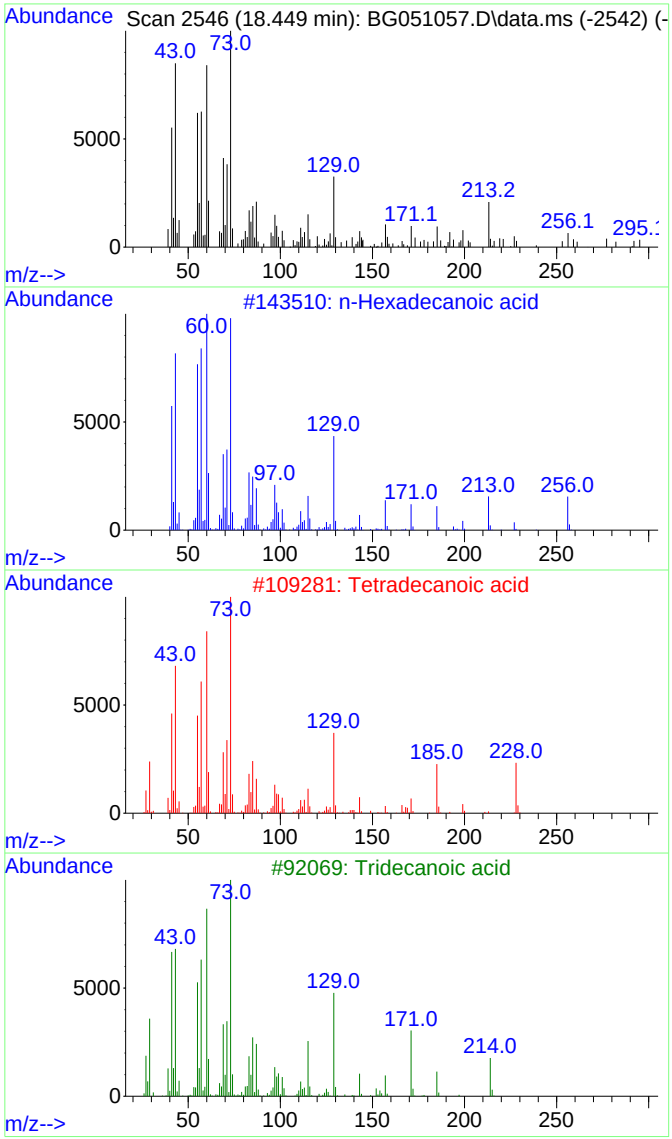
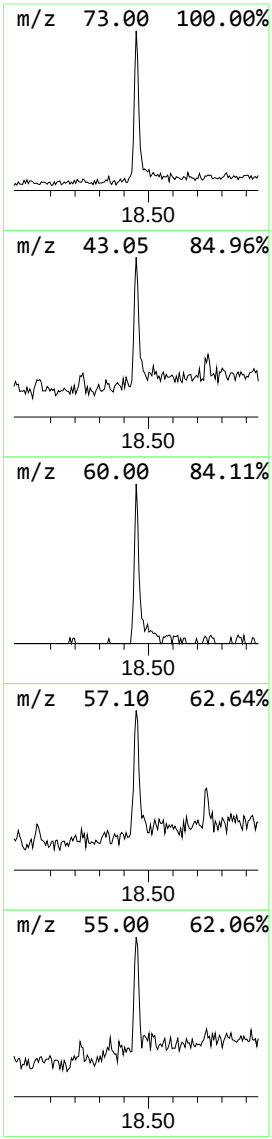
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	3.27 ng	111109	Phenanthrene-d10	17.603

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64





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Operator : CG/JU
Sample : M4657-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-0-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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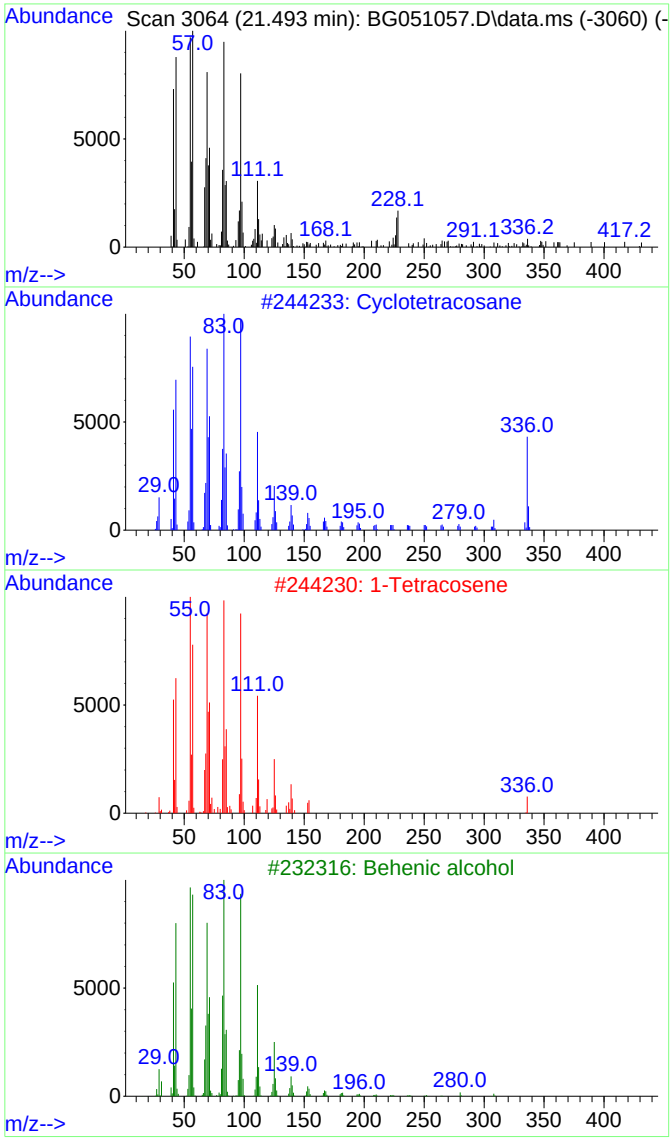
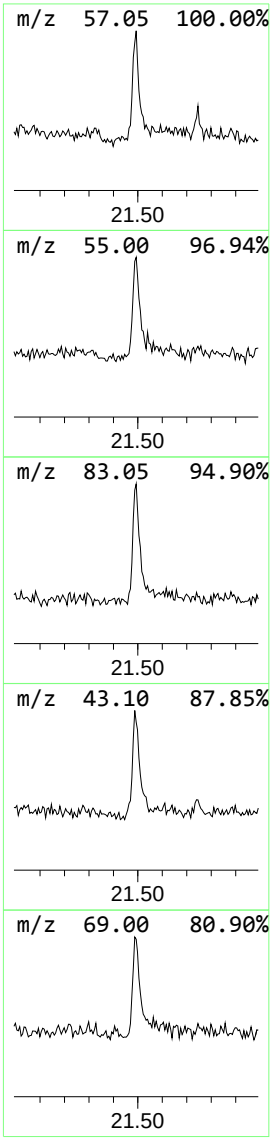
Peak Number 3 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.493	5.53 ng	170888	Chrysene-d12	21.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tetracosene	336	C24H48	010192-32-2	93
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Cyclotetradecane	196	C14H28	000295-17-0	90





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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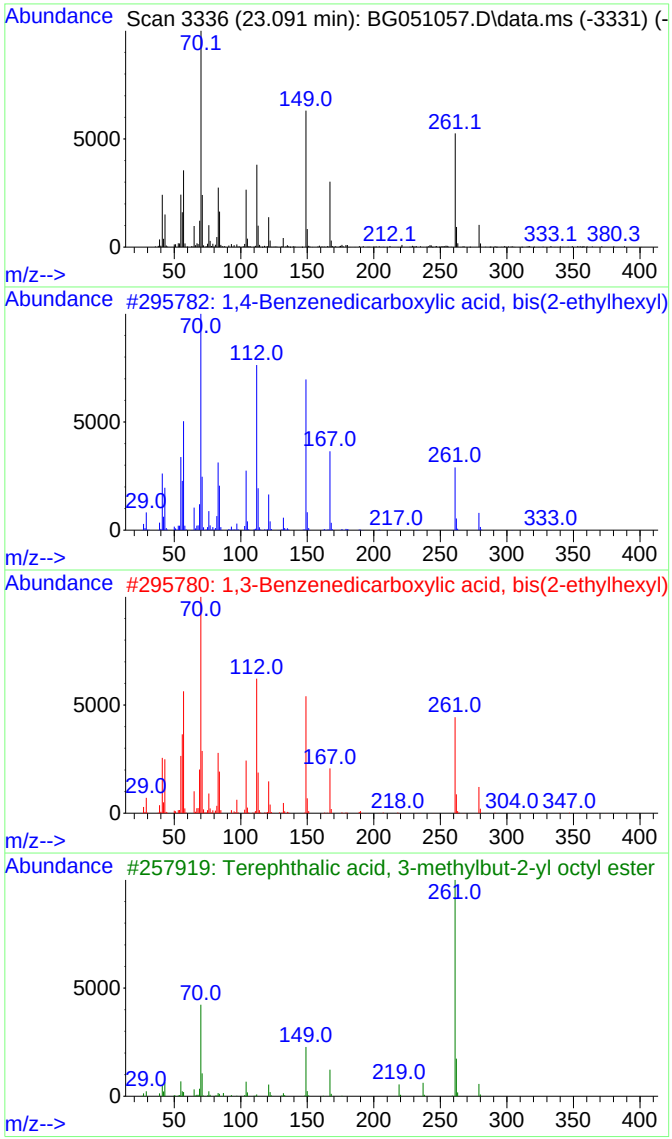
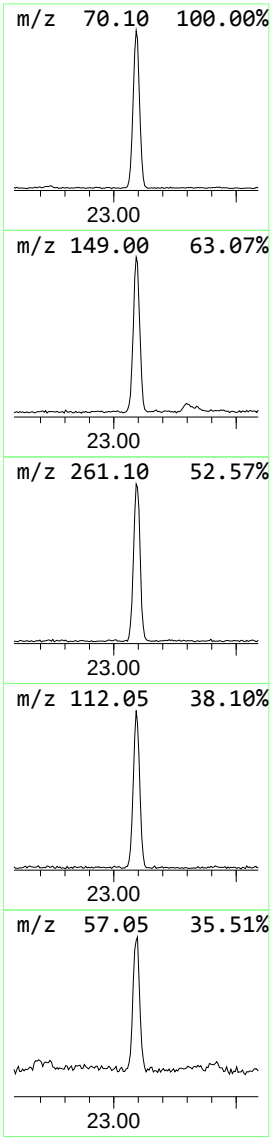
Peak Number 4 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.091	21.78 ng	672432	Chrysene-d12	21.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	59
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	43
5	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	35





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.800	4.8	ng	104736	2	11.052	432033	20.0
n-Hexadecanoic ...	18.449	3.3	ng	111109	4	17.603	680458	20.0
Cyclotetracosane	21.493	5.5	ng	170888	5	21.898	617539	20.0
1,4-Benzenedica...	23.091	21.8	ng	672432	5	21.898	617539	20.0