LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125345.D
Acq On : 3 Sep 2021 14:25
Operator : JU/CG
Sample : M3637-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 117-B1

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125345.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	13	19	27	rVB	1213743	1531222	36.58%	5.040%
2	5.522	579	584	587	rBV	3417992	3237616	77.34%	10.656%
3	6.528	749	755	758	rBV	3366211	3356903	80.18%	11.049%
4	6.898	814	818	821	rBV	1218619	1011236	24.15%	3.328%
5	7.457	908	913	916	rBV	2154211	2193764	52.40%	7.220%
6	8.080	1015	1019	1032	rBV	156383	280892	6.71%	0.925%
7	8.180	1032	1036	1039	rBV	1514601	1302040	31.10%	4.285%
8	9.257	1213	1219	1222	rBV	4054077	3815086	91.13%	12.557%
9	9.933	1330	1334	1338	rBV	1538724	1495210	35.72%	4.921%
10	10.727	1464	1469	1472	rBV	3018478	2716363	64.88%	8.940%
11	11.421	1583	1587	1591	rBV	1789950	1585549	37.87%	5.219%
12	11.939	1670	1675	1680	rBV	228851	242358	5.79%	0.798%
13	12.727	1805	1809	1814	rBV2	38240	48765	1.16%	0.161%
14	13.010	1852	1857	1860	rBV	4613203	4186458	100.00%	13.779%
15	13.851	1997	2000	2004	rBV	37989	50135	1.20%	0.165%
16	13.892	2004	2007	2009	rVV	64458	71171	1.70%	0.234%
17	13.927	2009	2013	2029	rVV2	283708	589521	14.08%	1.940%
18	14.062	2033	2036	2040	rVB	1540646	1359648	32.48%	4.475%
19	14.915	2177	2181	2184	rVB	58986	68800	1.64%	0.226%
20	15.556	2285	2290	2299	rVB	957417	1240263	29.63%	4.082%

Sum of corrected areas: 30383000

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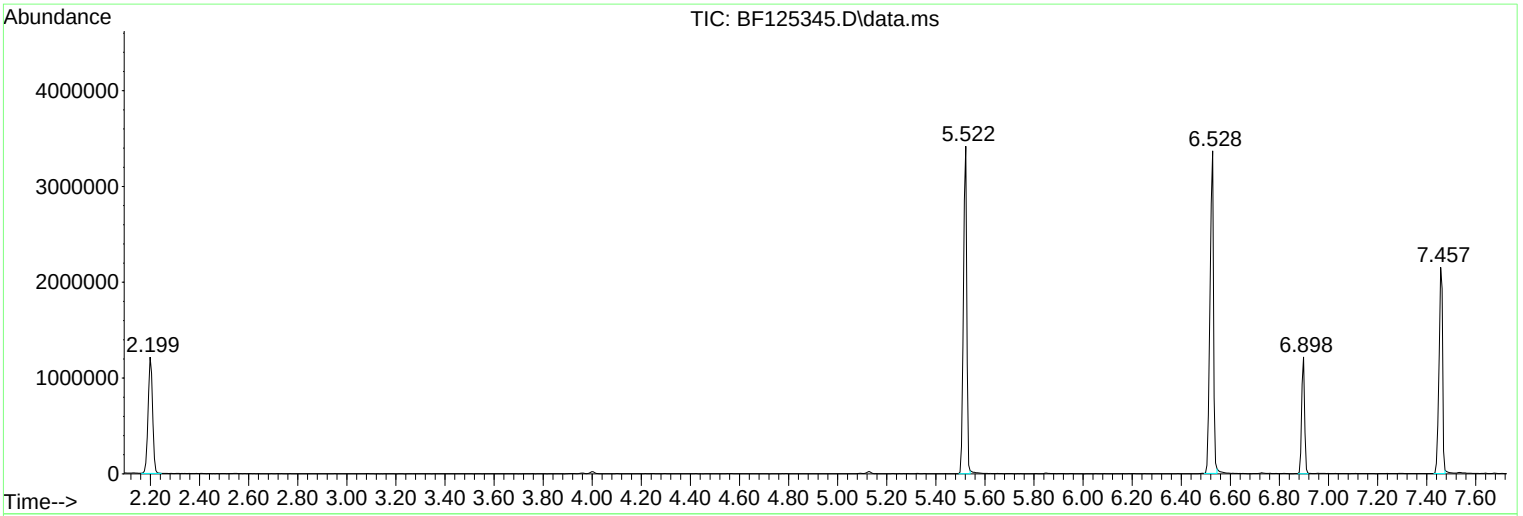
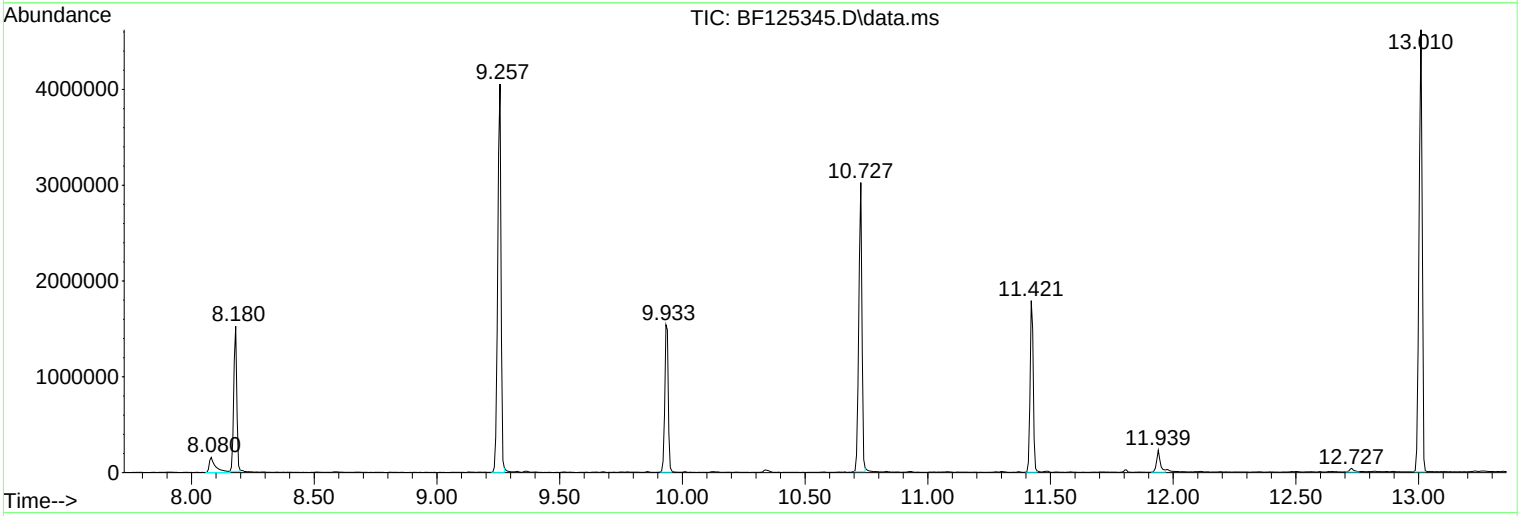
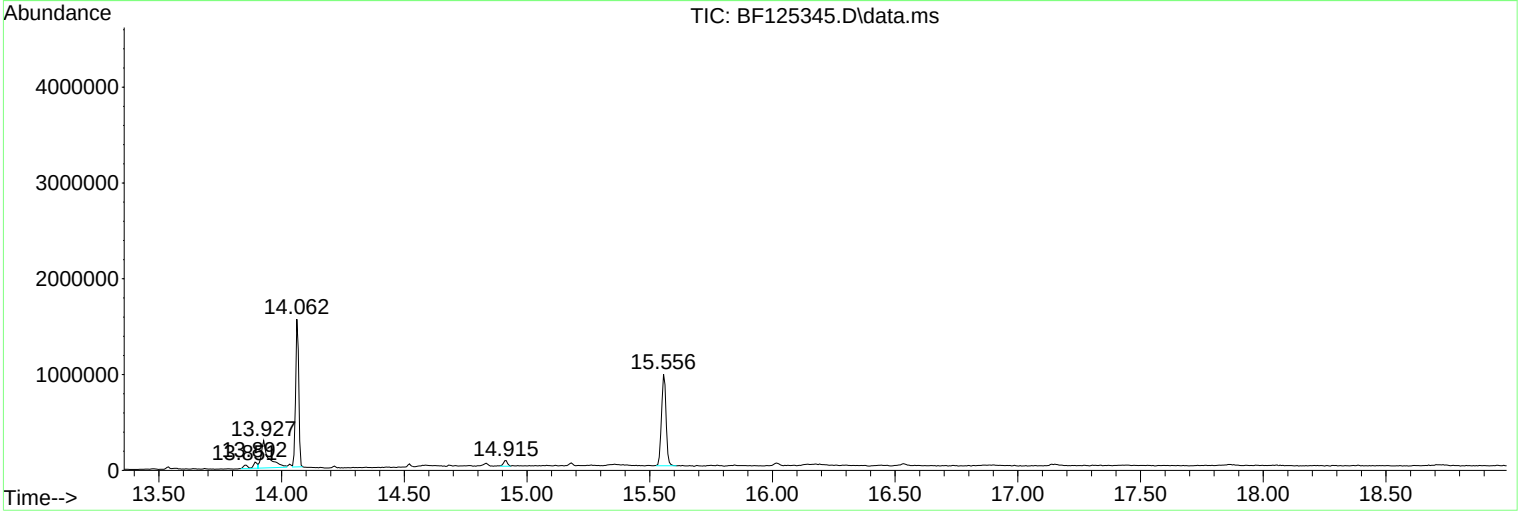
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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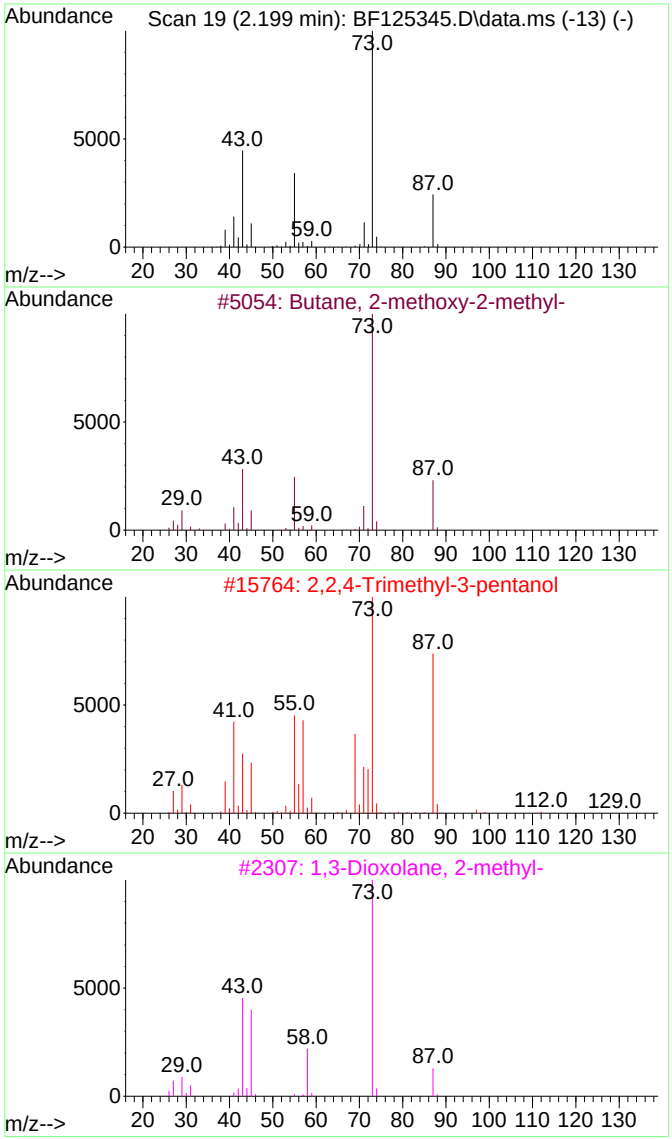
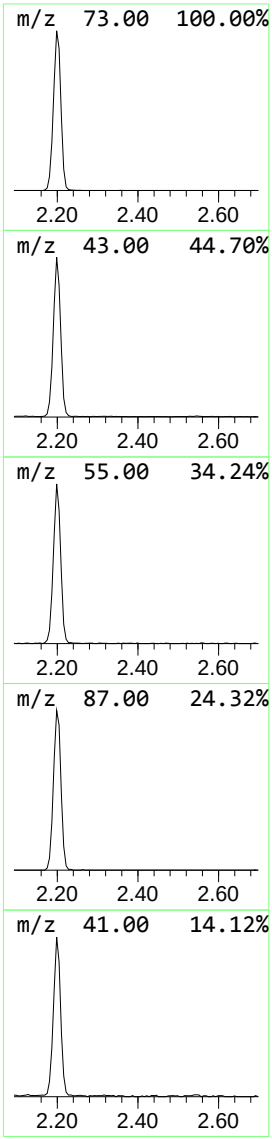
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	30.28 ng	1531220	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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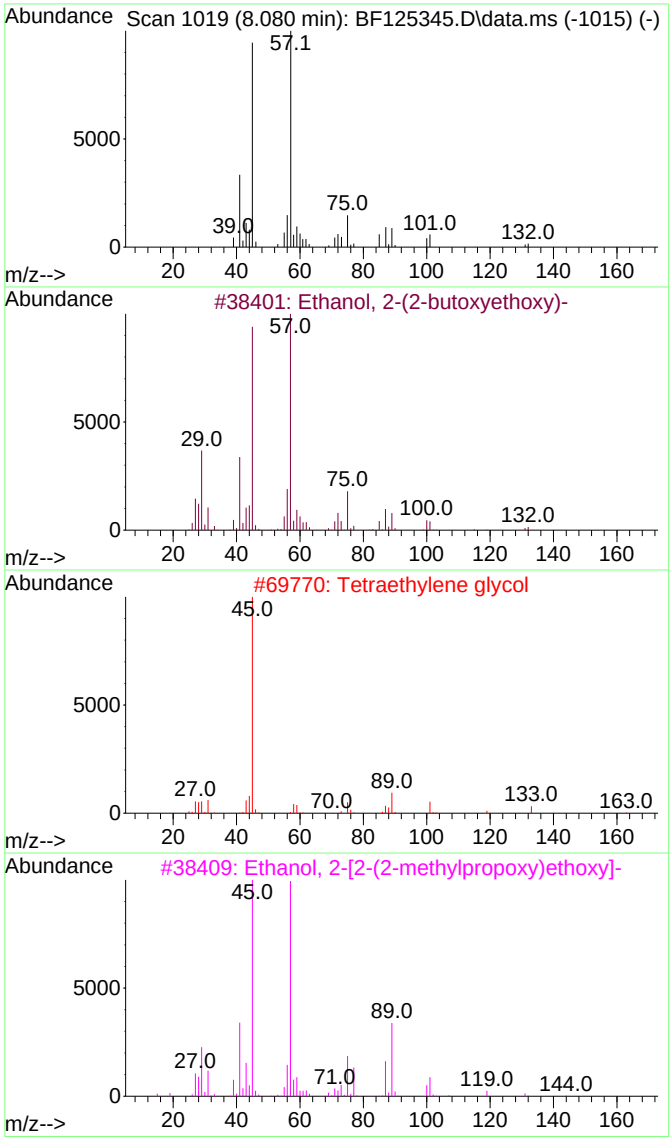
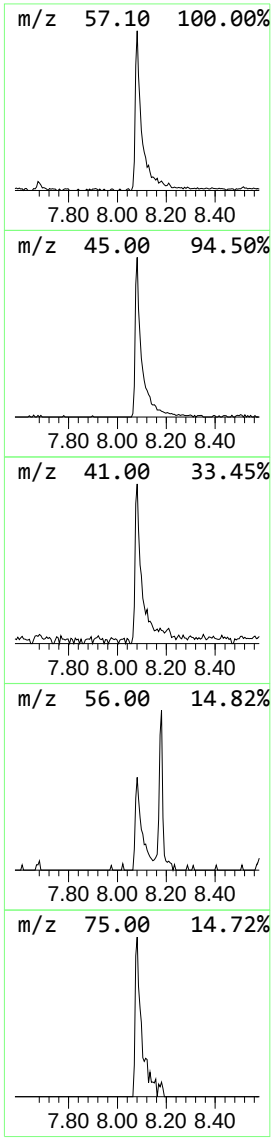
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.080	4.31 ng	280892	Naphthalene-d8	8.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	59
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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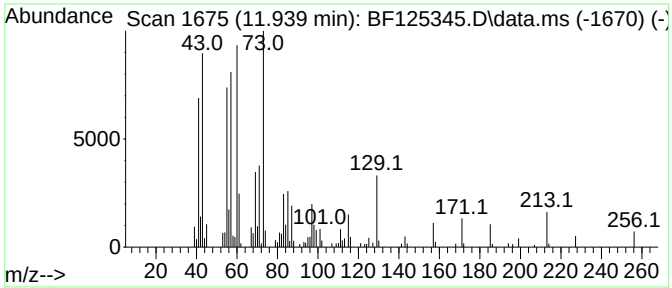
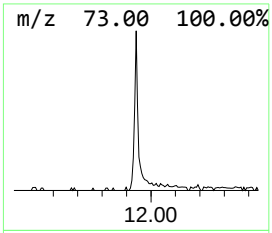
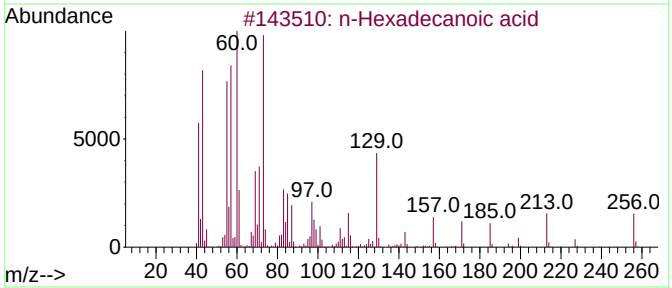
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

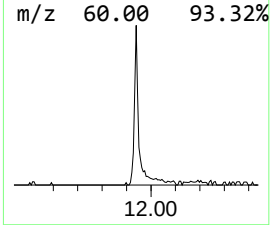
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.06 ng	242358	Phenanthrene-d10	11.422

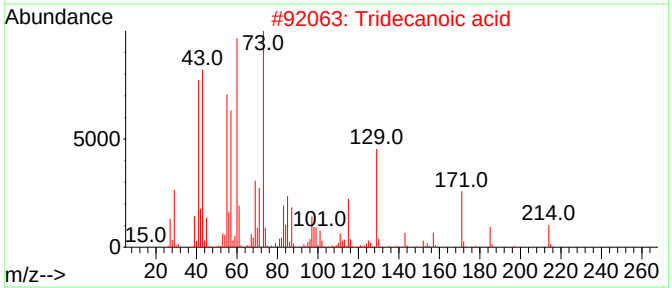
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Octanoic acid	144	C8H16O2	000124-07-2	58

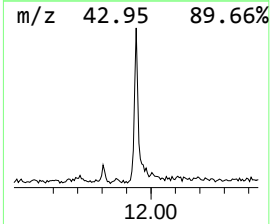


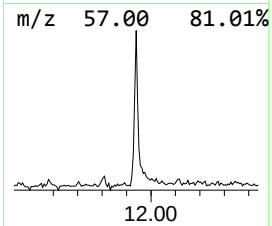


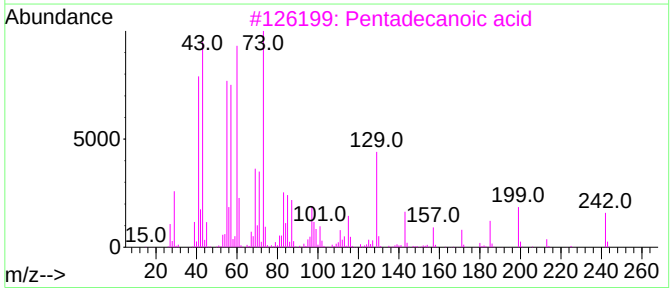


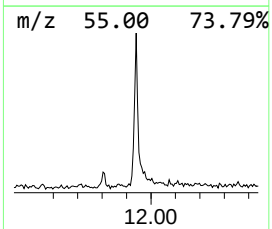












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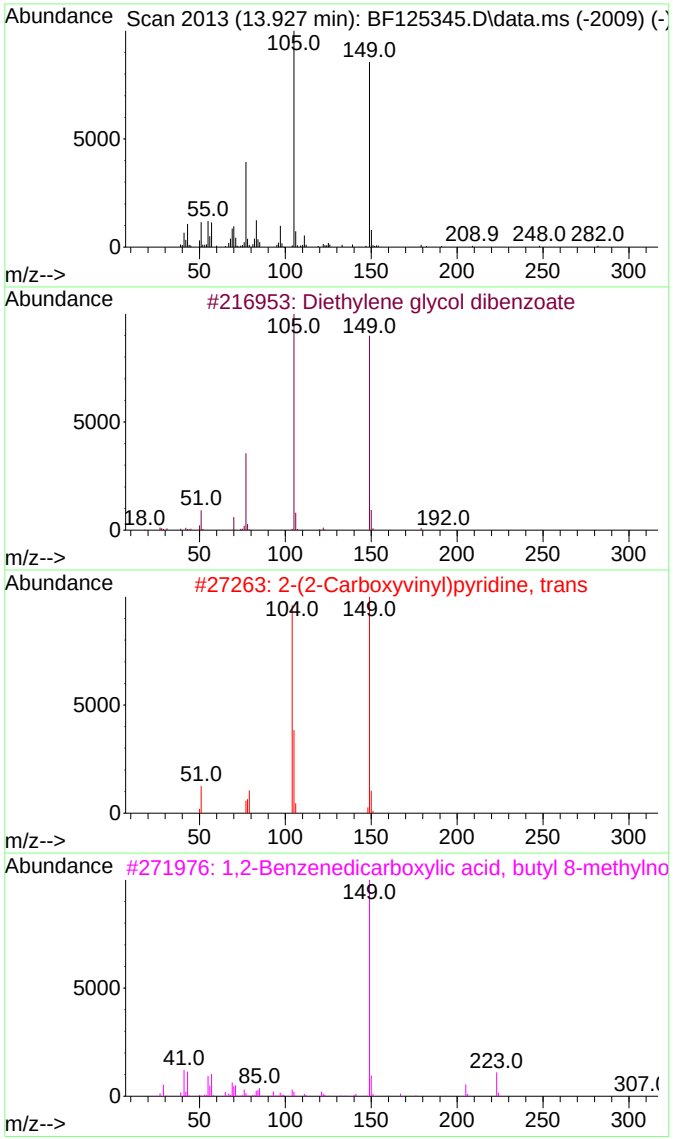
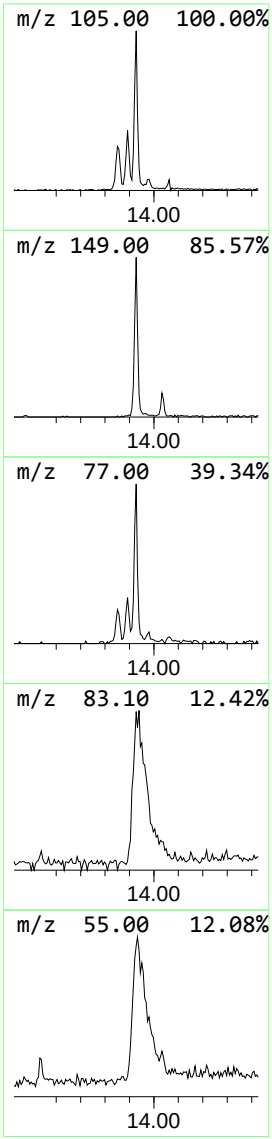
****

Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	8.67 ng	589521	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	43
3	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	38
4	Phthalic acid, propyl octadecyl ...	460	C29H48O4	1000308-96-7	38
5	Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	35





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...	2.199	30.3	ng	1531220	1	6.898	1011240	20.0
Ethanol, 2-(2-b...	8.080	4.3	ng	280892	2	8.180	1302040	20.0
n-Hexadecanoic ...	11.939	3.1	ng	242358	4	11.422	1585550	20.0
Diethylene glyc...	13.927	8.7	ng	589521	5	14.063	1359650	20.0