LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125516.D
Acq On : 15 Sep 2021 21:40
Operator : JU/CG
Sample : M3684-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F002050

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-BF091521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125516.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	13	20	31	rVB	1281993	1601178	36.56%	5.713%
2	2.310	34	38	44	rVB	60199	71254	1.63%	0.254%
3	5.098	508	512	522	rVB	169429	218962	5.00%	0.781%
4	5.498	575	580	583	rBV	3115335	3296873	75.27%	11.764%
5	6.504	745	751	754	rBV	3091533	3407608	77.80%	12.159%
6	6.863	809	812	816	rBV	1120442	963787	22.00%	3.439%
7	7.428	903	908	912	rBV	2013435	2276934	51.98%	8.125%
8	8.051	1011	1014	1026	rBV	138882	268043	6.12%	0.956%
9	8.145	1026	1030	1034	rVV	1241932	1272400	29.05%	4.540%
10	9.228	1208	1214	1217	rBV	3859277	3988822	91.07%	14.233%
11	9.904	1324	1329	1333	rBV	1622341	1462268	33.38%	5.218%
12	10.692	1460	1463	1477	rBV	643510	667249	15.23%	2.381%
13	11.398	1578	1583	1586	rBV	1690652	1551779	35.43%	5.537%
14	12.986	1848	1853	1856	rBV	4629039	4380016	100.00%	15.629%
15	13.868	1999	2003	2005	rBV2	43901	49962	1.14%	0.178%
16	13.904	2005	2009	2013	rBV	111358	134754	3.08%	0.481%
17	14.039	2028	2032	2036	rVB	1474931	1318783	30.11%	4.706%
18	15.527	2279	2285	2293	rBV	861281	1093989	24.98%	3.904%

Sum of corrected areas: 28024661

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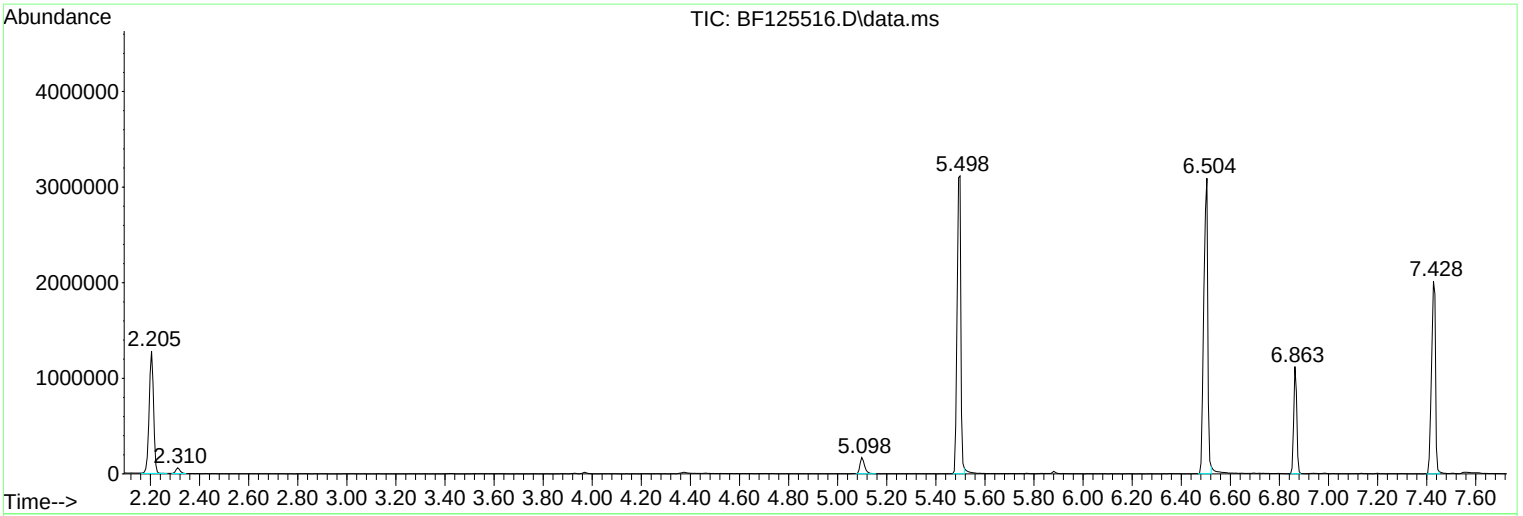
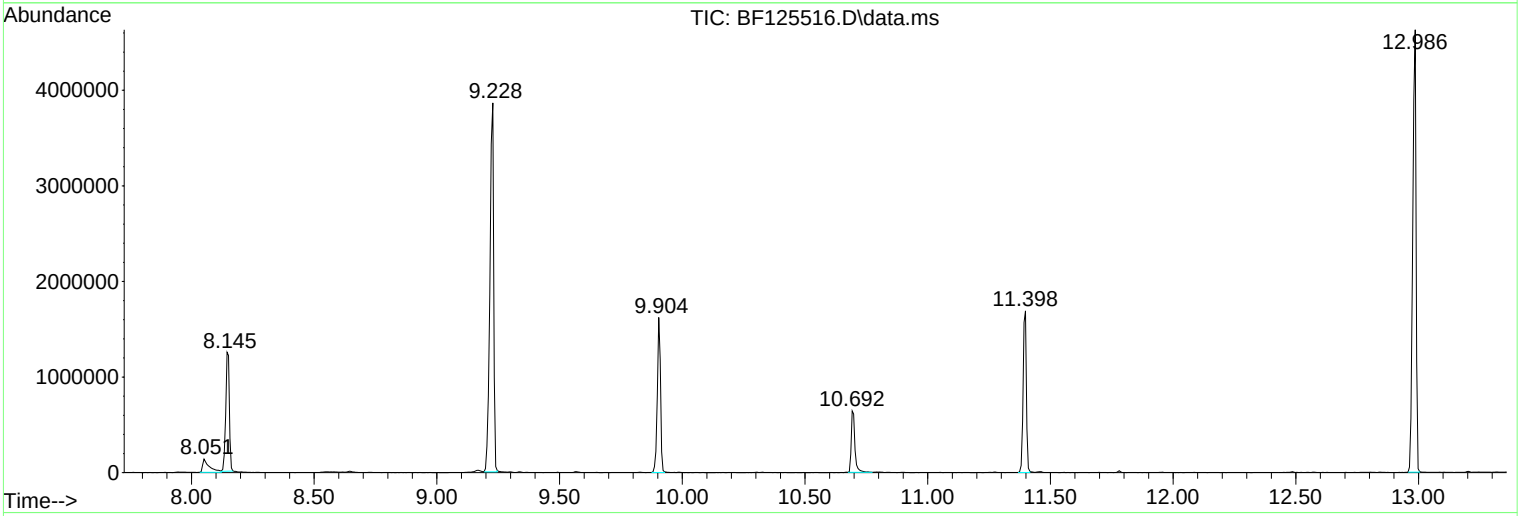
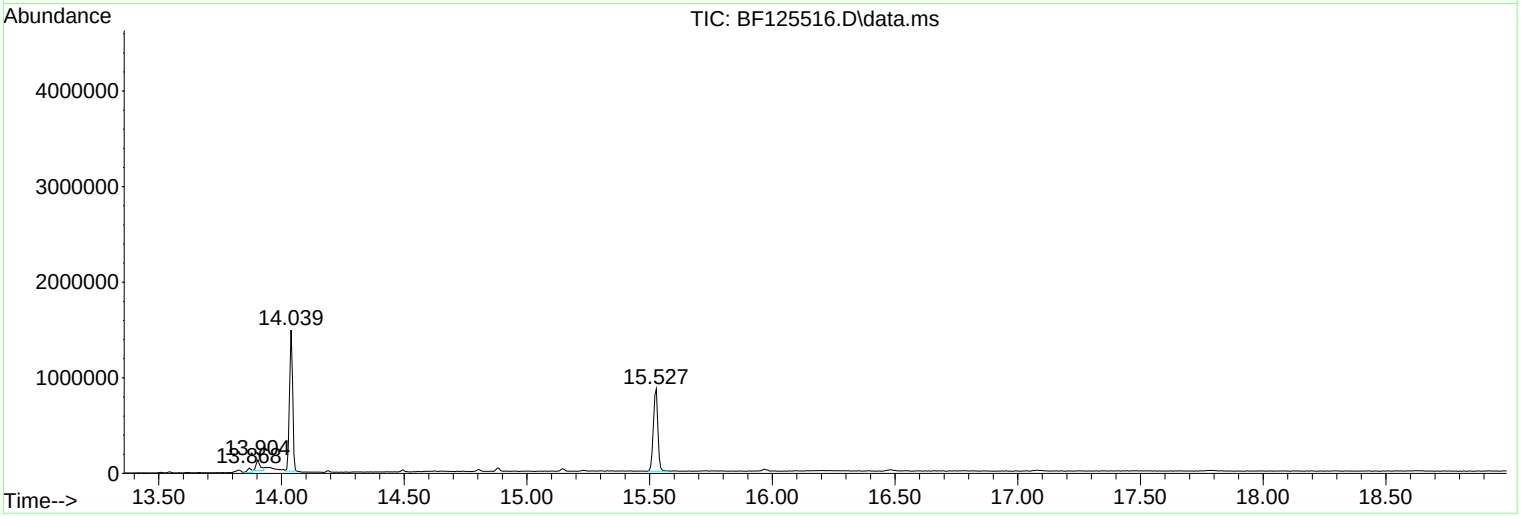
F002050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.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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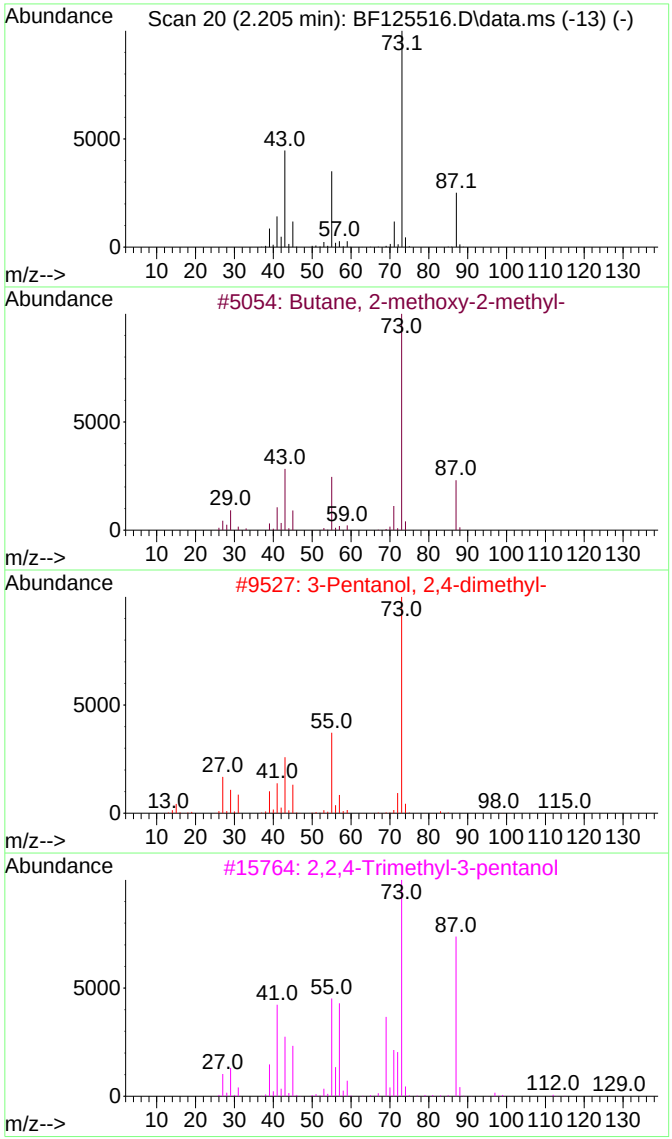
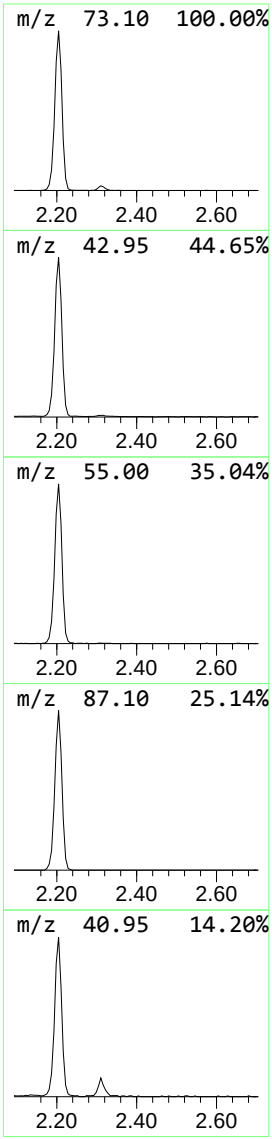
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	33.23 ng	1601180	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37





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Instrument : BNA_F
ClientSampleId : F002050

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

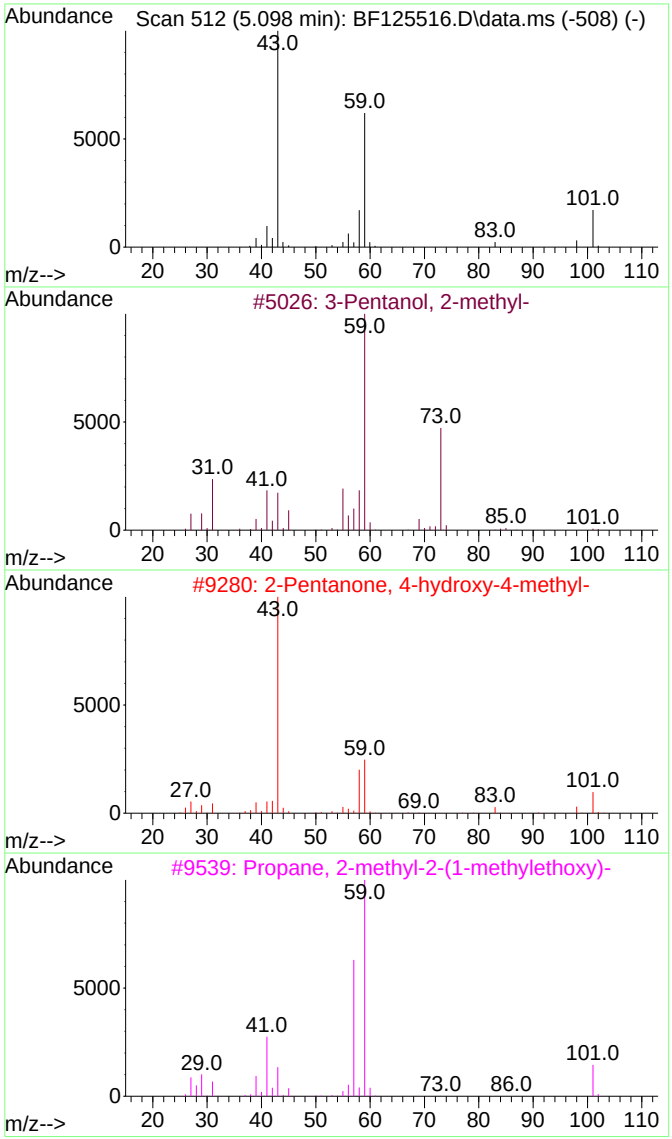
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

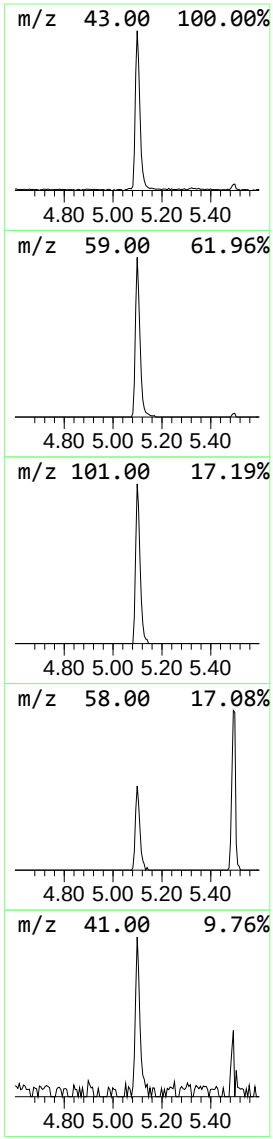
****

Peak Number 2 3-Pentanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	4.54 ng	218962	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetone	58	C3H6O	000067-64-1	9





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Sample : M3684-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F002050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
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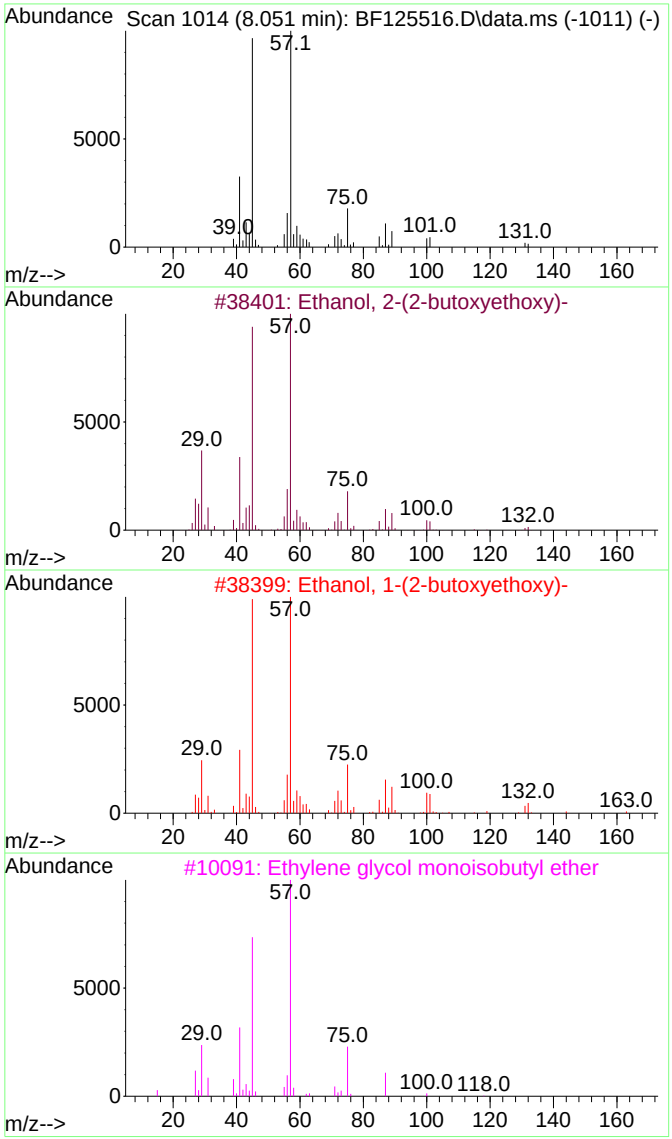
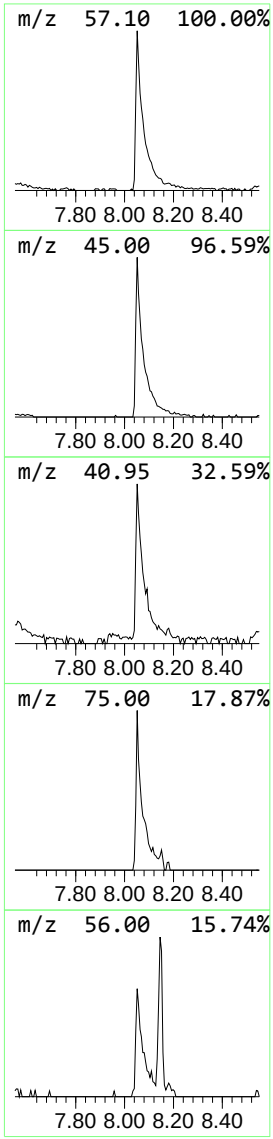
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	4.21 ng	268043	Naphthalene-d8	8.151

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	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	50





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Instrument : BNA_F
ClientSampleId : F002050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
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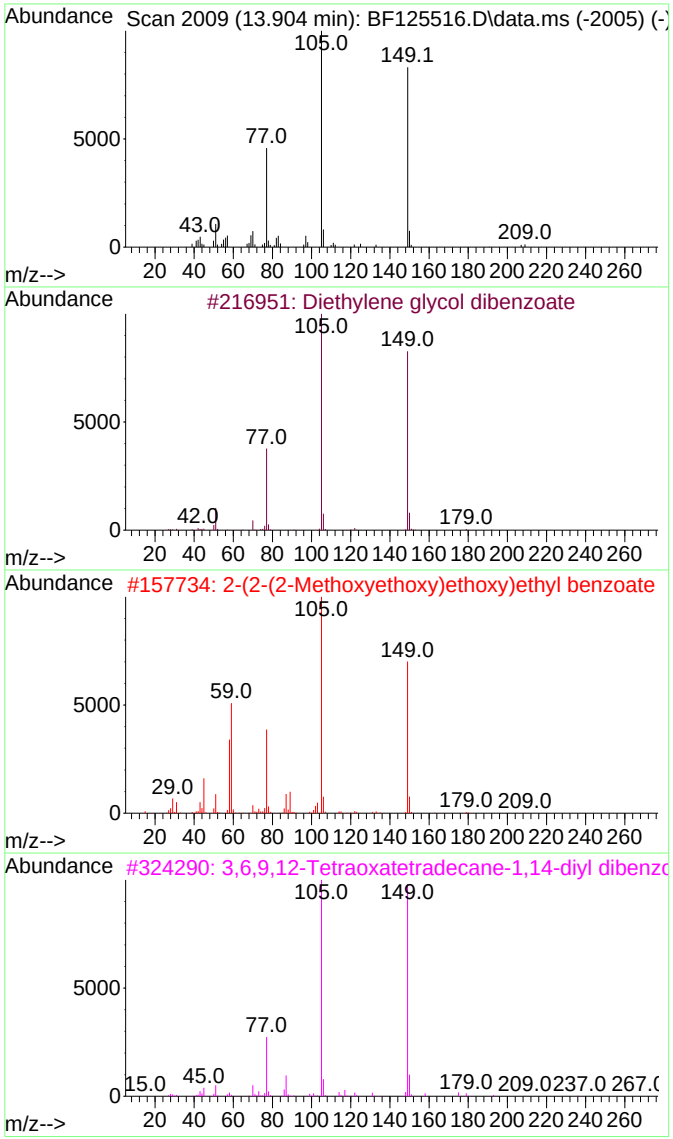
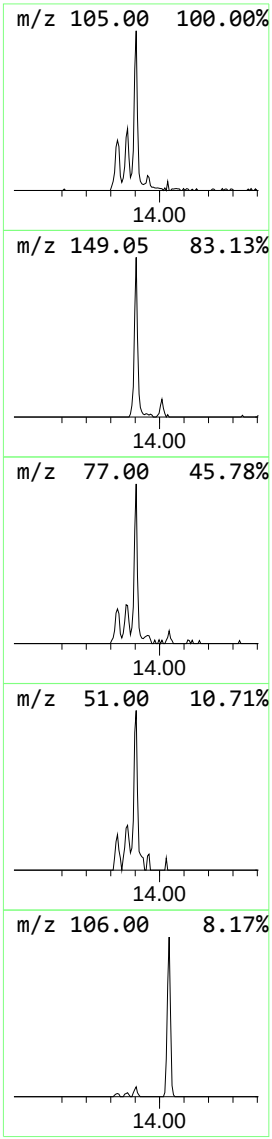
****
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.04 ng	134754	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	78
3	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	78
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47





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...	2.205	33.2	ng	1601180	1	6.863	963787	20.0
3-Pentanol, 2-m...	5.098	4.5	ng	218962	1	6.863	963787	20.0
Ethanol, 2-(2-b...	8.051	4.2	ng	268043	2	8.151	1272400	20.0
Diethylene glyc...	13.904	2.0	ng	134754	5	14.039	1318780	20.0