LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125512.D
Acq On : 15 Sep 2021 19:29
Operator : JU/CG
Sample : M3684-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A006070

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: BF125512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	13	20	29	rVB	1250513	1647385	36.37%	5.637%
2	2.316	34	39	47	rVB	45219	62014	1.37%	0.212%
3	4.404	382	394	402	rBV2	23856	78758	1.74%	0.269%
4	5.098	508	512	524	rVB	335552	417908	9.23%	1.430%
5	5.498	575	580	583	rBV	3417935	3173650	70.06%	10.859%
6	6.504	746	751	754	rBV	3191053	3303282	72.92%	11.303%
7	6.863	809	812	816	rBV	1121448	1014018	22.39%	3.470%
8	7.433	903	909	912	rBV	2069705	2271880	50.15%	7.773%
9	7.539	924	927	937	rBV2	34422	80115	1.77%	0.274%
10	8.051	1011	1014	1026	rBV	240388	374153	8.26%	1.280%
11	8.151	1026	1031	1034	rVV	1349480	1328183	29.32%	4.545%
12	9.227	1208	1214	1217	rBV	4097638	4068290	89.81%	13.920%
13	9.904	1324	1329	1333	rBV	1599088	1543625	34.08%	5.282%
14	10.698	1460	1464	1473	rBV	560734	557791	12.31%	1.909%
15	11.398	1578	1583	1586	rBV	1808629	1643293	36.28%	5.623%
16	12.986	1848	1853	1856	rBV	4930777	4529841	100.00%	15.499%
17	13.874	1999	2004	2005	rBV2	57307	71549	1.58%	0.245%
18	13.904	2005	2009	2024	rVV2	201144	491986	10.86%	1.683%
19	14.039	2028	2032	2036	rVB	1573050	1394397	30.78%	4.771%
20	15.527	2279	2285	2293	rBV	963843	1173924	25.92%	4.017%

Sum of corrected areas: 29226042

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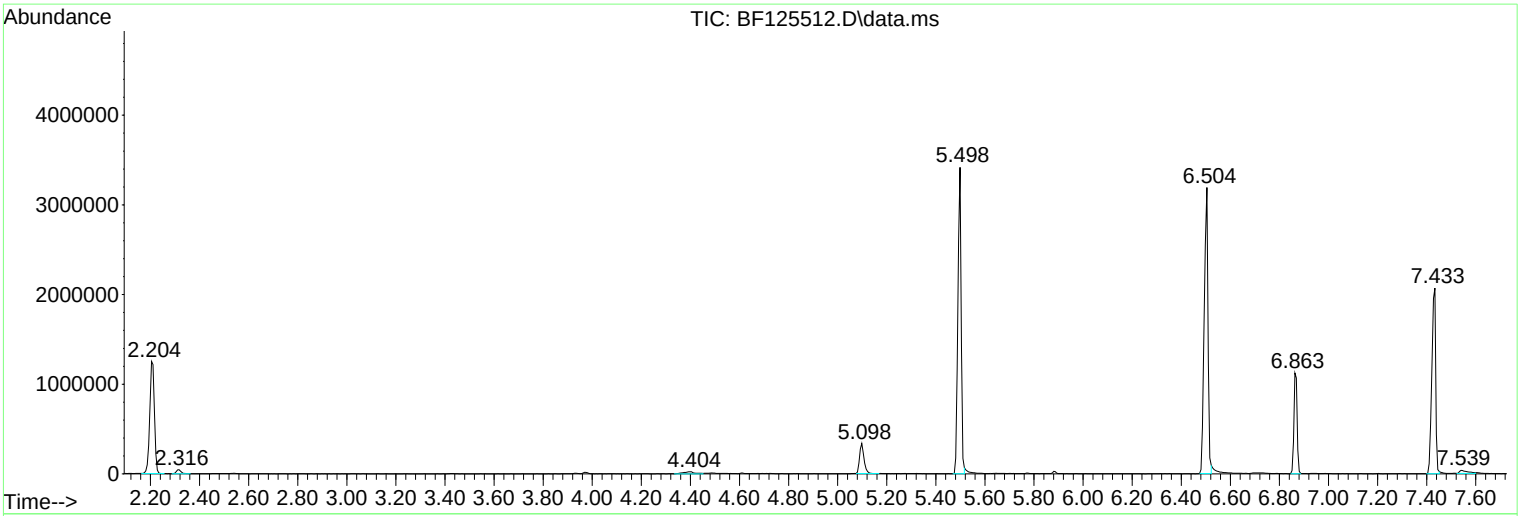
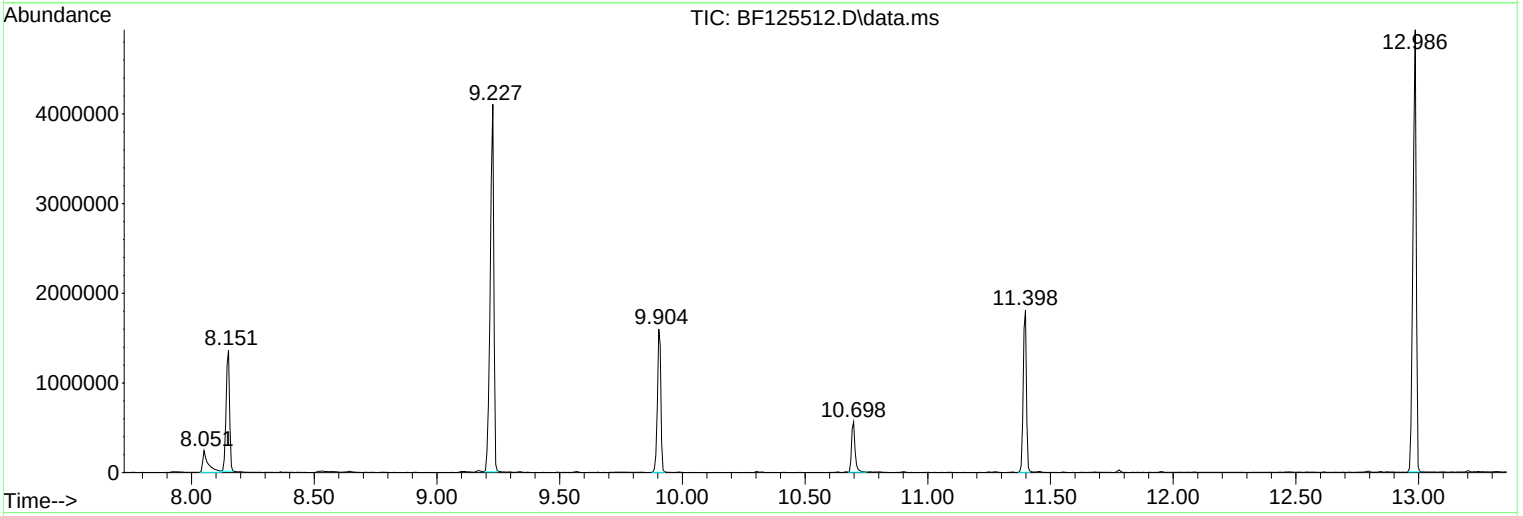
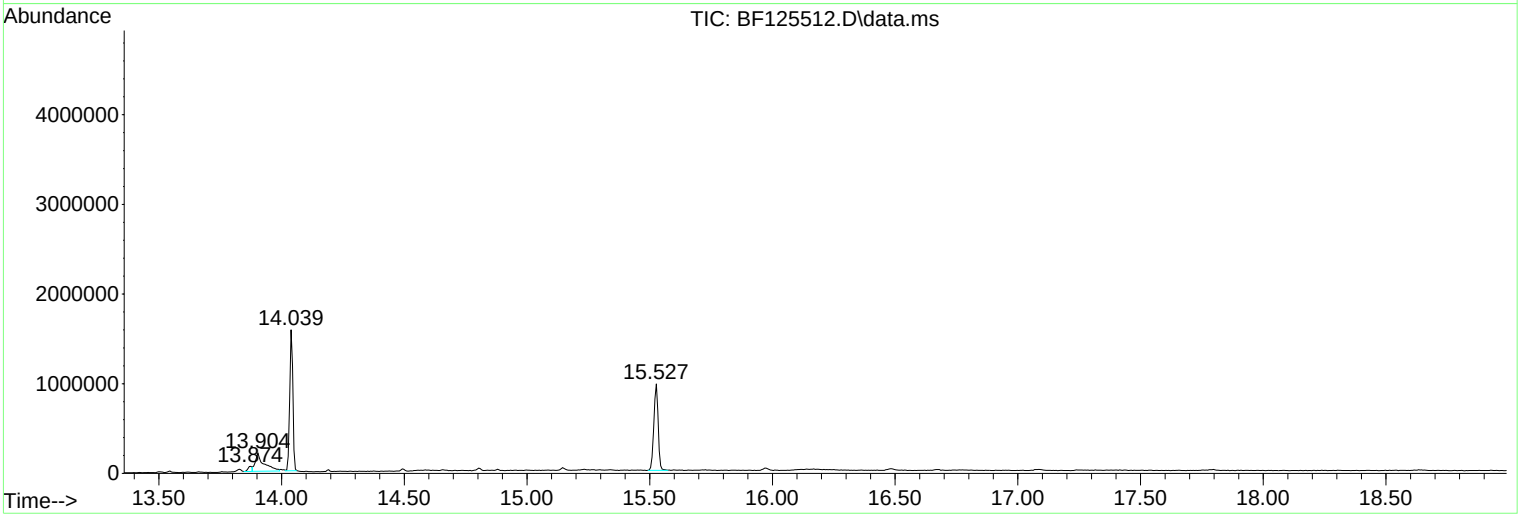
Instrument :
BNA_F
ClientSampleId :
A006070

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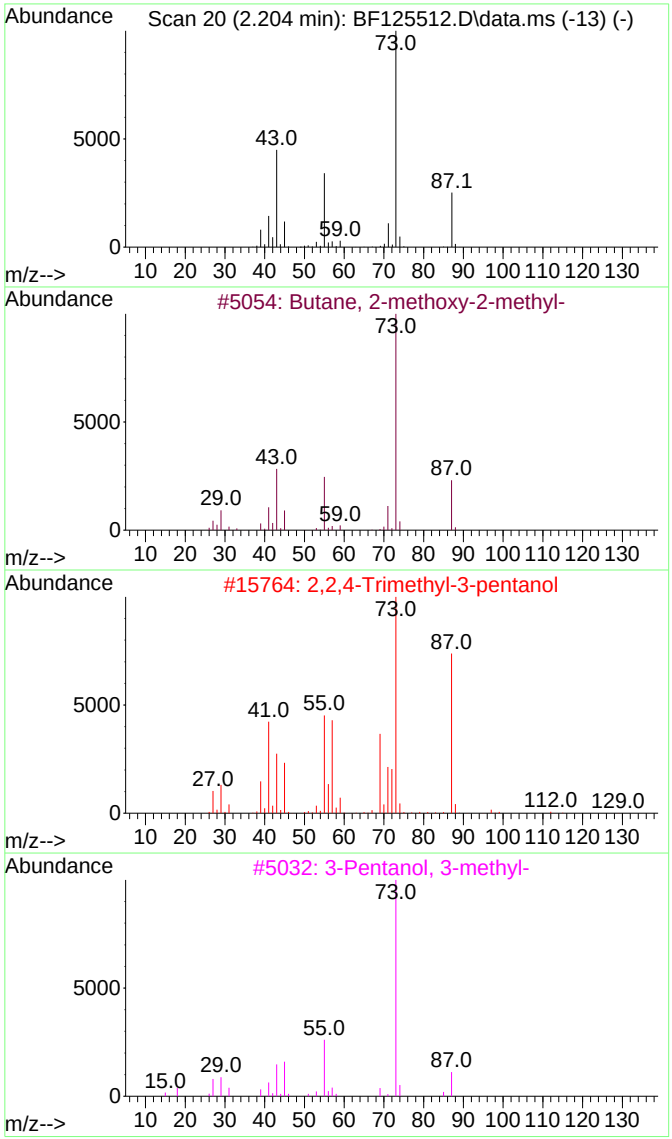
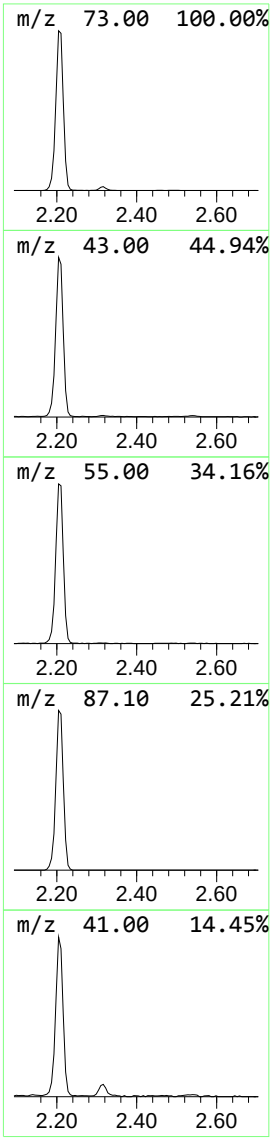
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.204	32.49 ng	1647390	1,4-Dichlorobenzene-d4	6.869

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	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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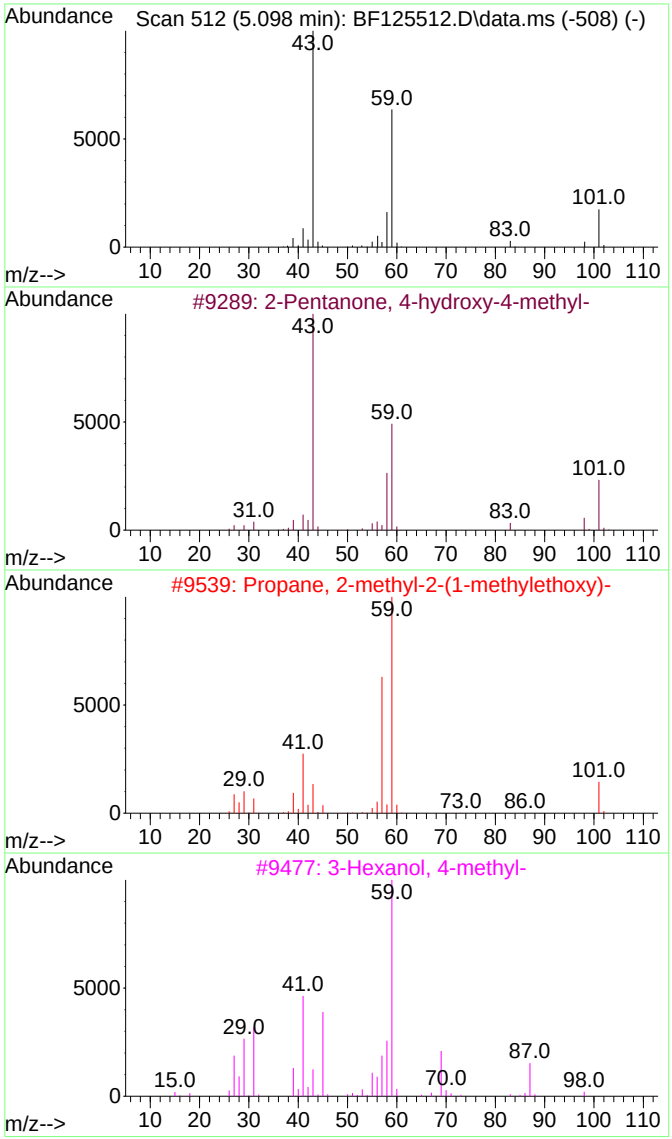
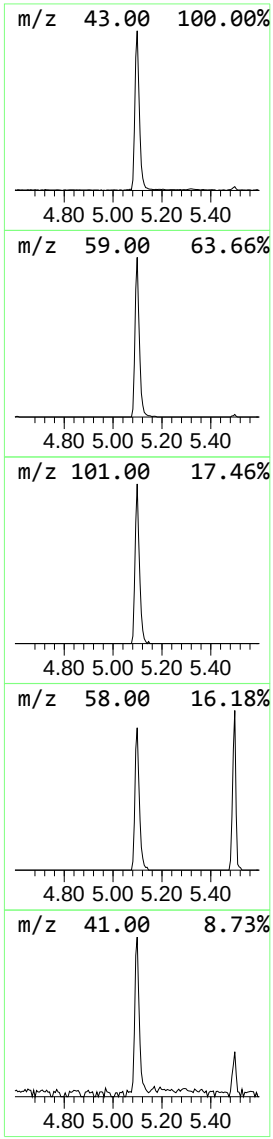
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	8.24 ng	417908	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Octanol	130	C8H18O	000589-98-0	33





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Sample : M3684-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A006070

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
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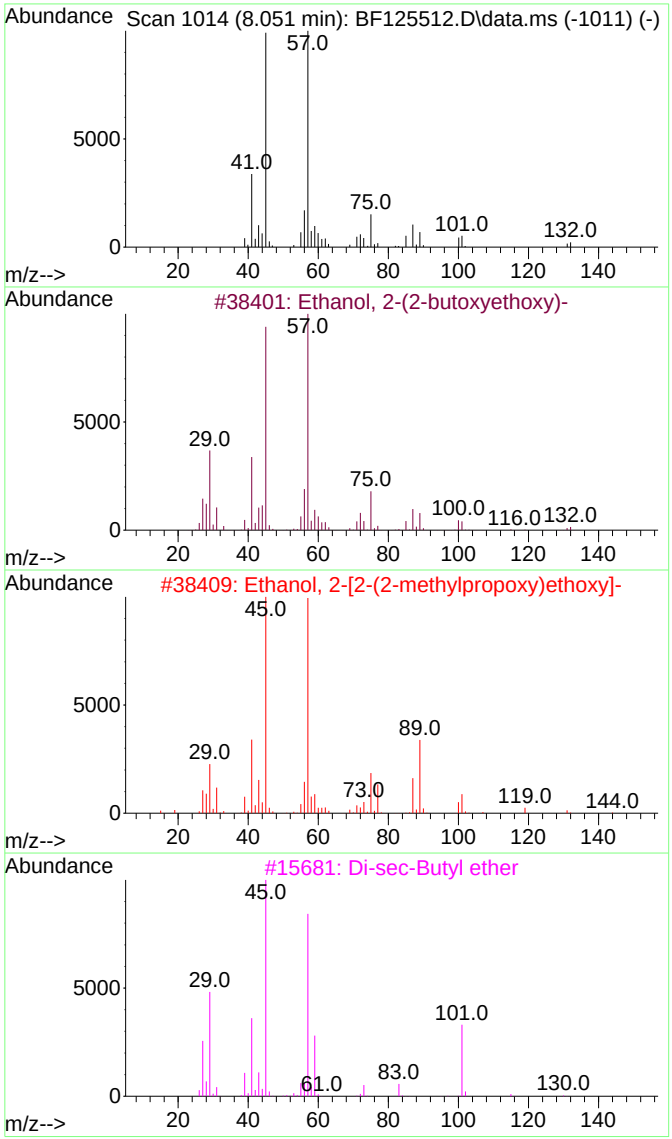
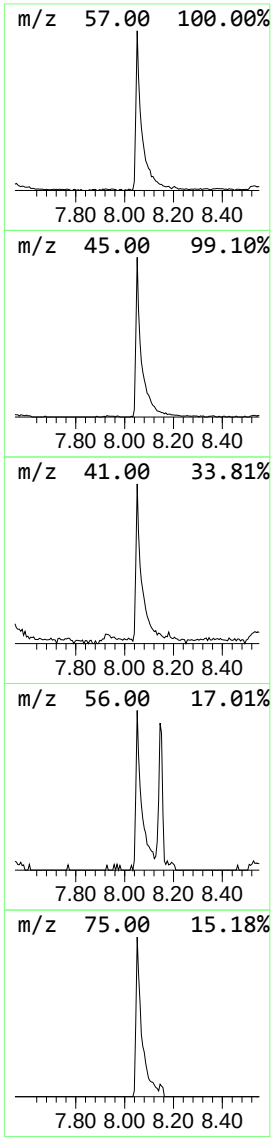
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	5.63 ng	374153	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, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	53
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





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Instrument : BNA_F
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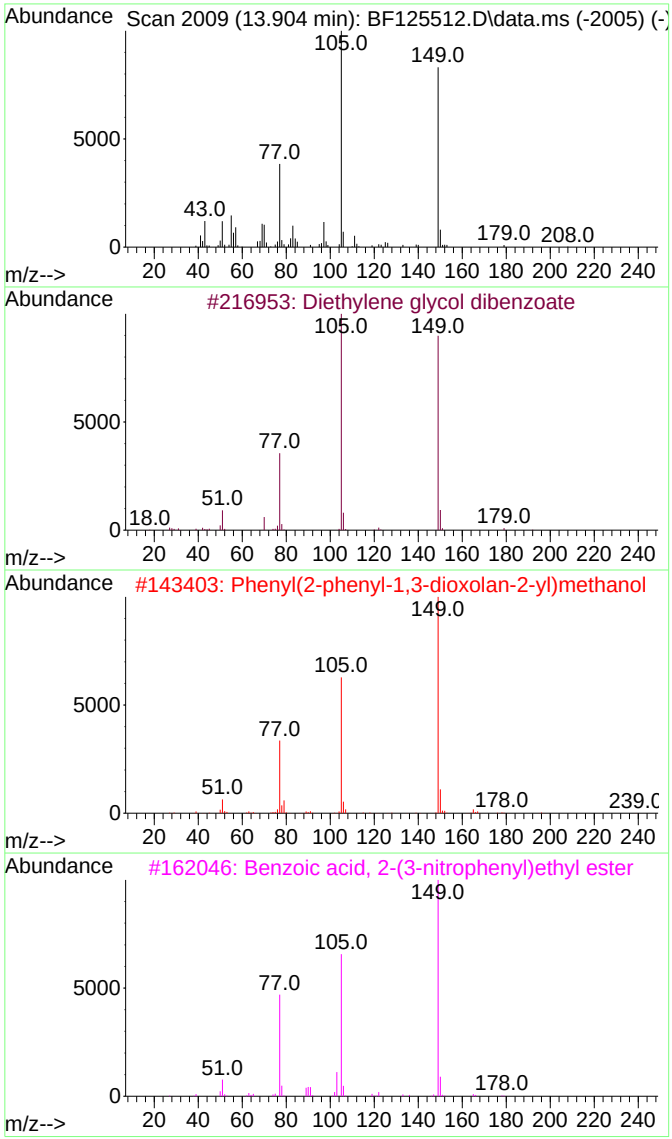
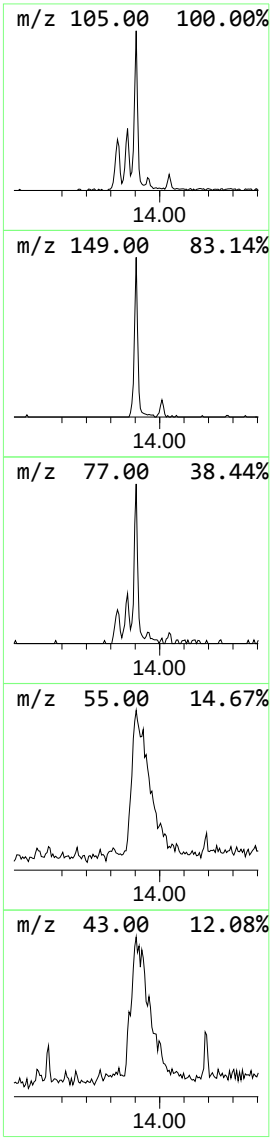
****
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	7.06 ng	491986	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	59
3	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	53
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	43
5	Phthalic acid, heptyl tridec-2-y...	442	C28H42O4	1000315-44-0	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...	2.204	32.5	ng	1647390	1	6.869	1014020	20.0
2-Pentanone, 4-...	5.098	8.2	ng	417908	1	6.869	1014020	20.0
Ethanol, 2-(2-b...	8.051	5.6	ng	374153	2	8.151	1328180	20.0
Diethylene glyc...	13.904	7.1	ng	491986	5	14.039	1394400	20.0