LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142658.D
Acq On : 06 Jun 2025 21:02
Operator : RC/JU
Sample : Q2177-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB05312025

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.404	199	206	223	rVB	20200	42205	1.30%	0.164%
2	5.104	486	495	505	rBV	158178	228178	7.04%	0.886%
3	5.510	558	564	576	rBV	1060427	1404379	43.32%	5.451%
4	6.192	675	680	693	rVB	204633	256927	7.93%	0.997%
5	6.516	729	735	755	rVB	705600	977036	30.14%	3.792%
6	6.892	794	799	804	rBV	1027128	1257514	38.79%	4.881%
7	7.457	887	895	902	rBV	1176999	1638403	50.54%	6.360%
8	7.528	902	907	921	rVB	246668	337209	10.40%	1.309%
9	8.175	1005	1017	1023	rBV	1249838	1657682	51.14%	6.435%
10	8.398	1048	1055	1056	rBV	1506778	1977265	60.99%	7.675%
11	8.422	1056	1059	1068	rVV	1945489	2469920	76.19%	9.587%
12	8.504	1068	1073	1076	rVV	62313	97040	2.99%	0.377%
13	8.528	1076	1077	1086	rVB	39203	41030	1.27%	0.159%
14	9.022	1156	1161	1170	rVB2	58023	118084	3.64%	0.458%
15	9.251	1194	1200	1205	rBV	2518089	3241711	100.00%	12.583%
16	9.363	1215	1219	1228	rVB	78389	101238	3.12%	0.393%
17	9.933	1310	1316	1321	rBV	1457205	1832329	56.52%	7.112%
18	10.722	1445	1450	1465	rBV	1420099	1820408	56.16%	7.066%
19	11.422	1564	1569	1577	rBV	1205282	1544852	47.66%	5.997%
20	13.010	1833	1839	1844	rBV	1772941	2348119	72.43%	9.115%
21	14.063	2013	2018	2035	rBV	794713	1071174	33.04%	4.158%
22	15.562	2266	2273	2288	rBV	778117	1299618	40.09%	5.045%

Sum of corrected areas: 25762321

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ClientSampleId :
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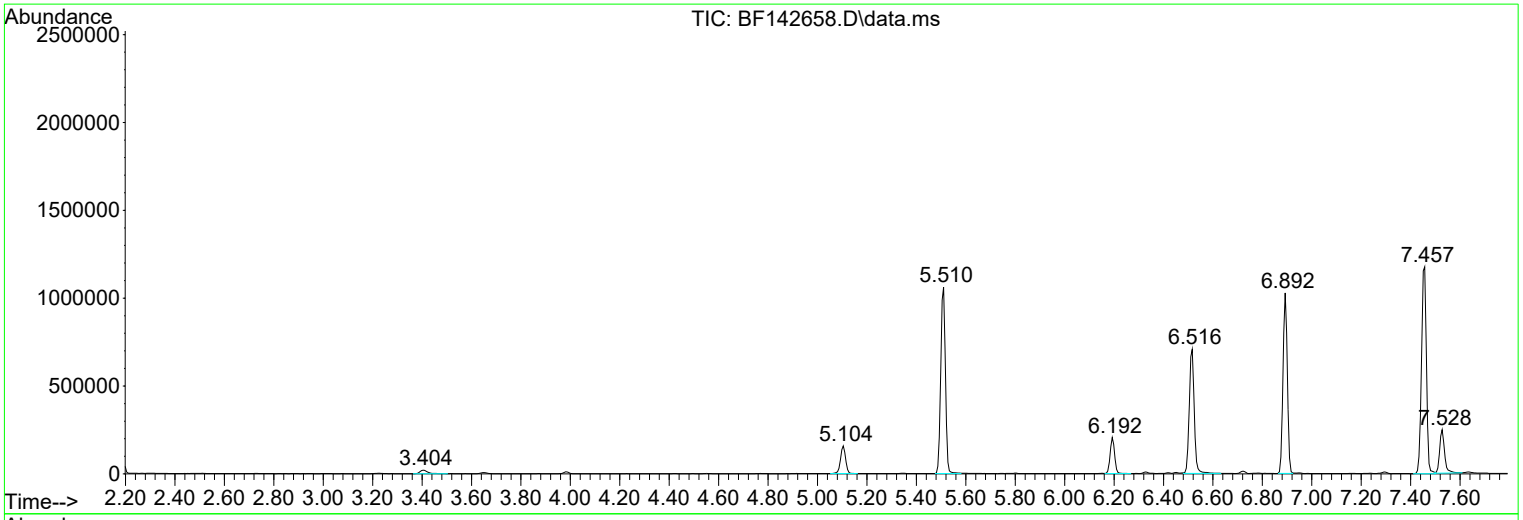
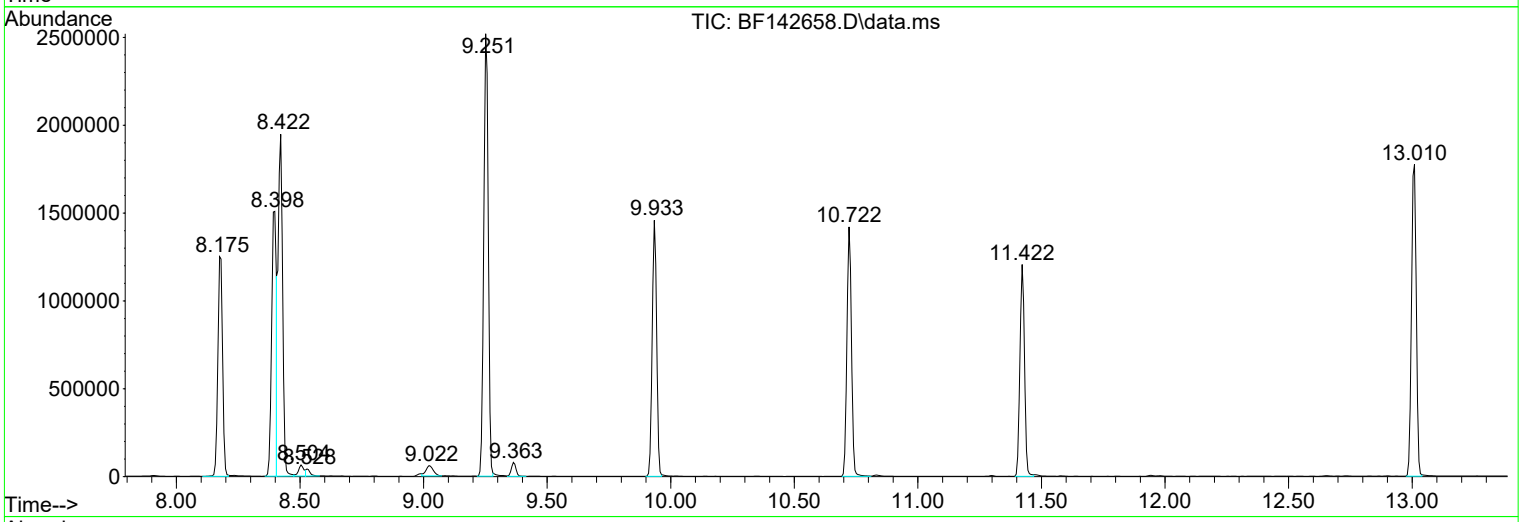
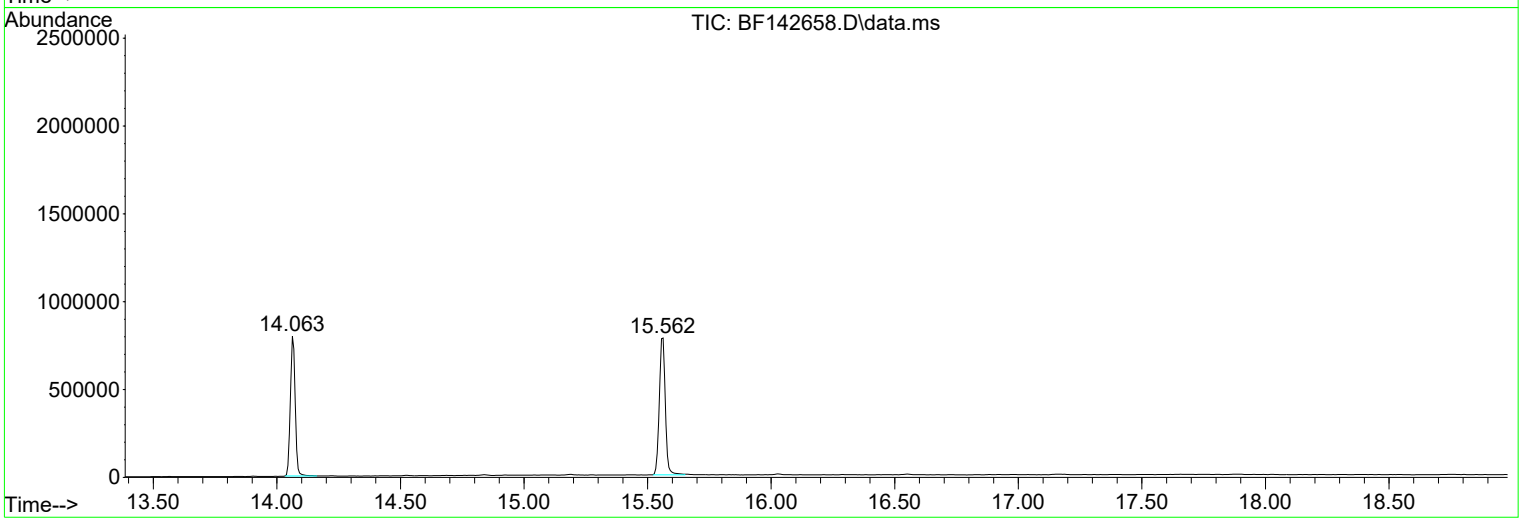
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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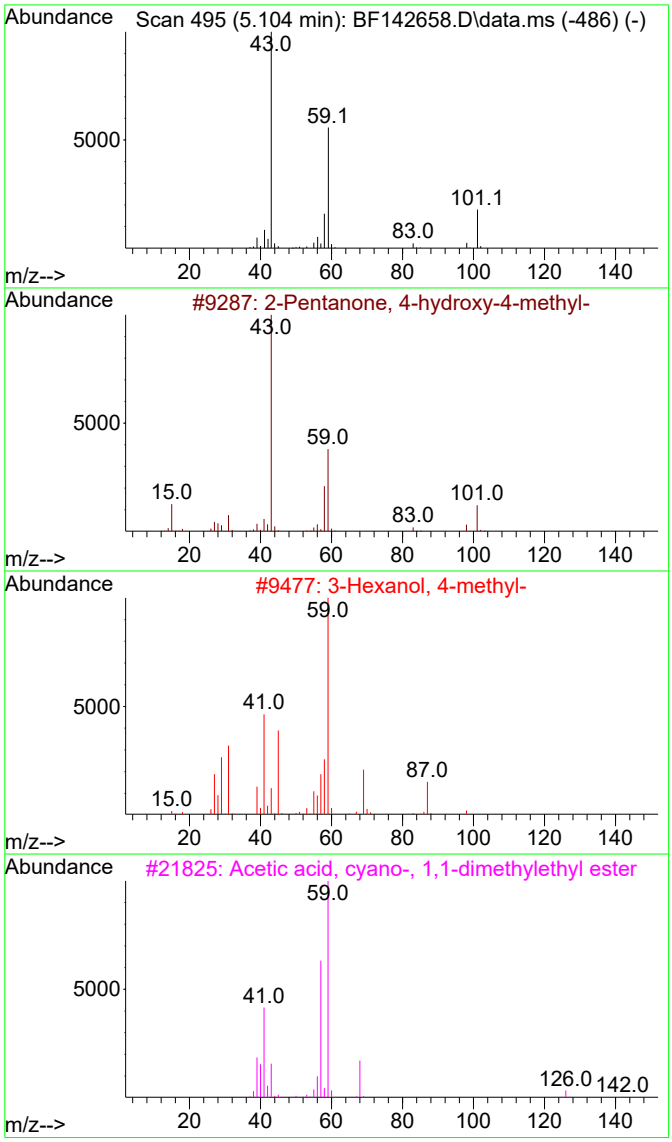
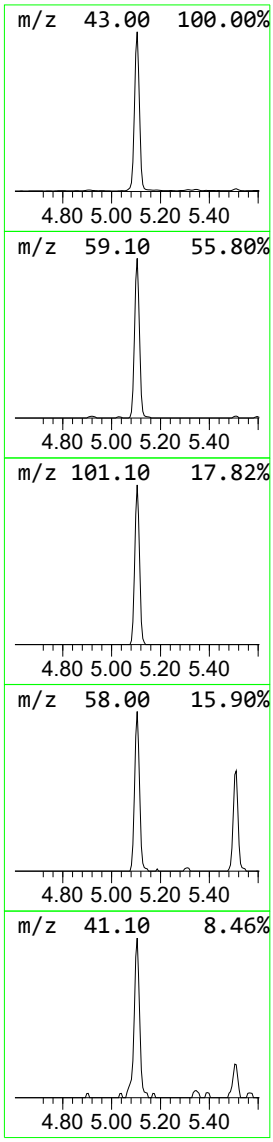
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	3.63 ng	228178	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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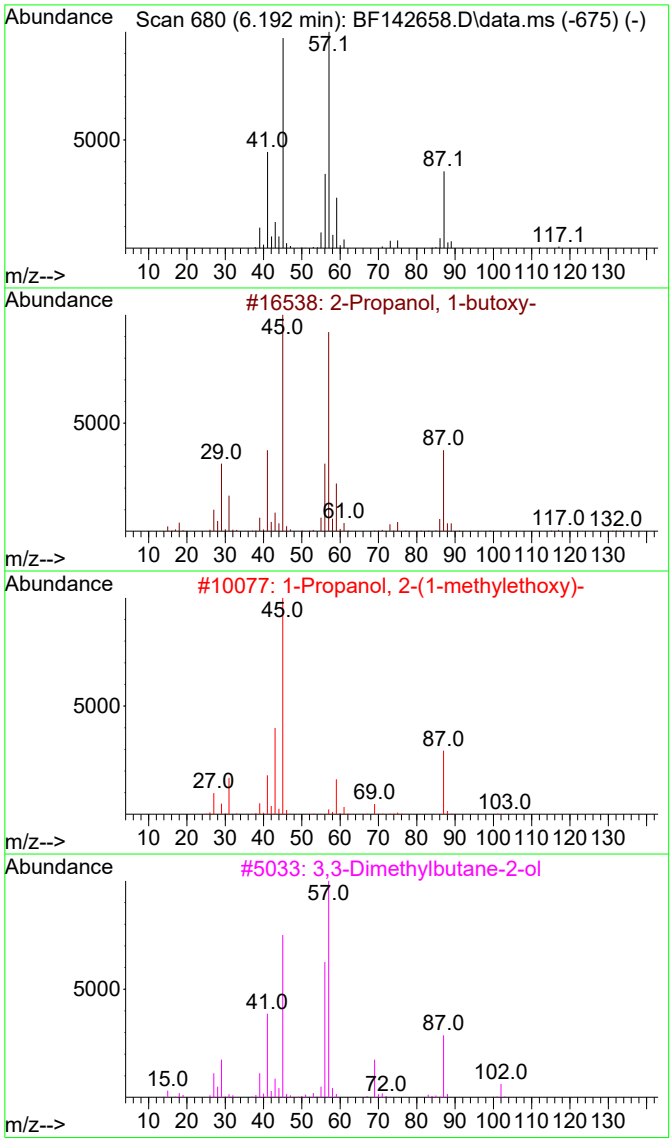
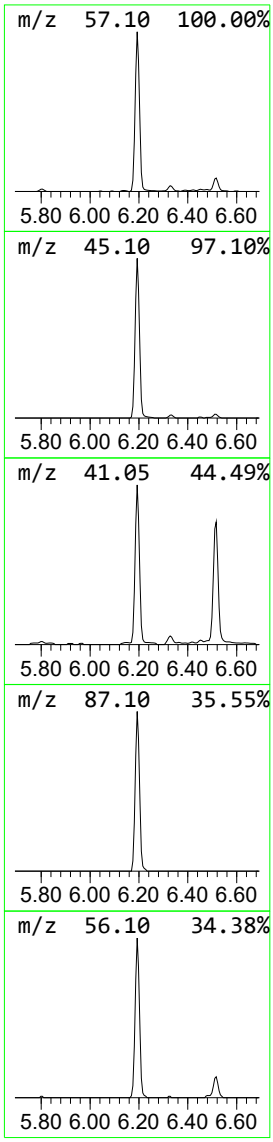
****

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.192	4.09 ng	256927	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	45
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	42





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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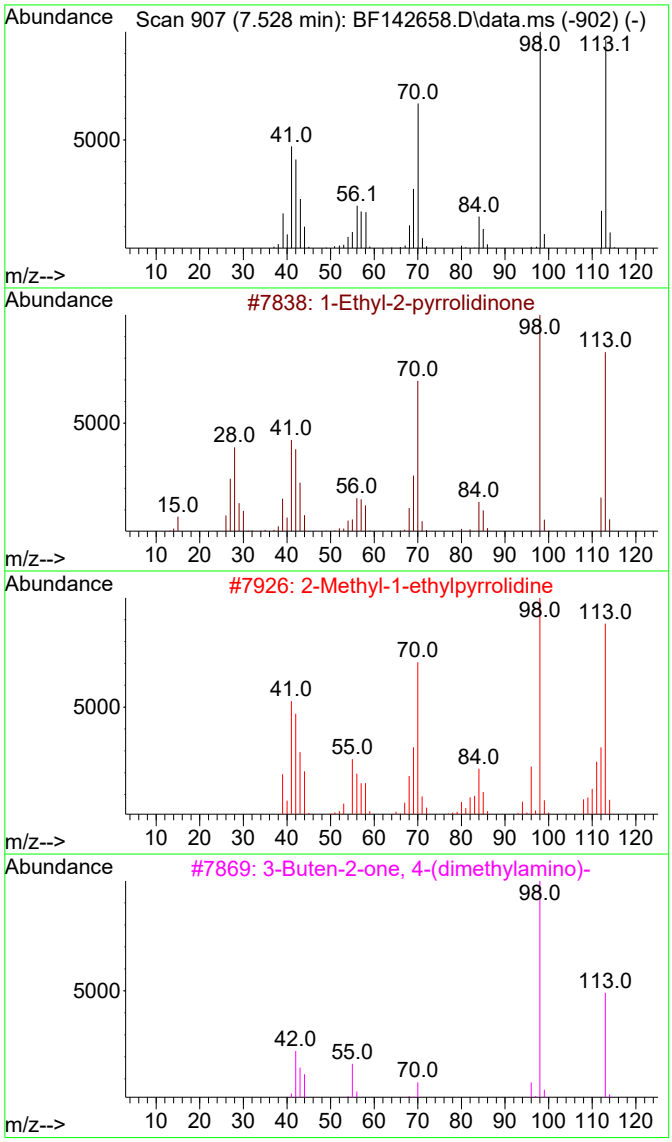
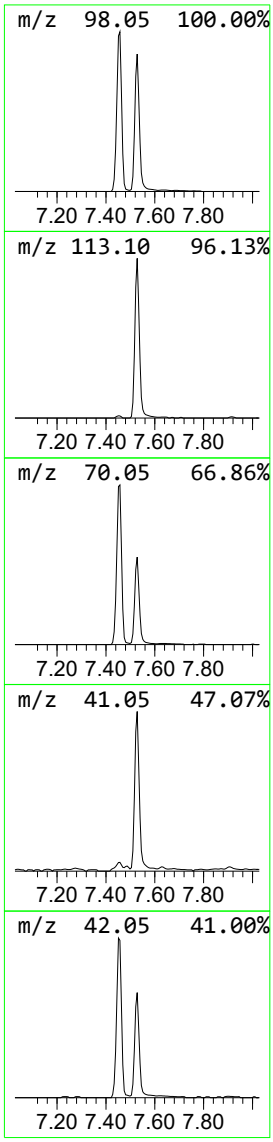
****

Peak Number 3 1-Ethyl-2-pyrrolidinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	5.36 ng	337209	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2-pyrrolidinone	113	C6H11NO	002687-91-4	94
2	2-Methyl-1-ethylpyrrolidine	113	C7H15N	000765-79-7	86
3	3-Buten-2-one, 4-(dimethylamino)-	113	C6H11NO	001190-91-6	59
4	3-Penten-2-one, 4-(methylamino)-	113	C6H11NO	014092-14-9	50
5	Piperazine, 1-[(2,4-dichlorobenz...	286	C13H16Cl2N2O	1000137-95-1	47





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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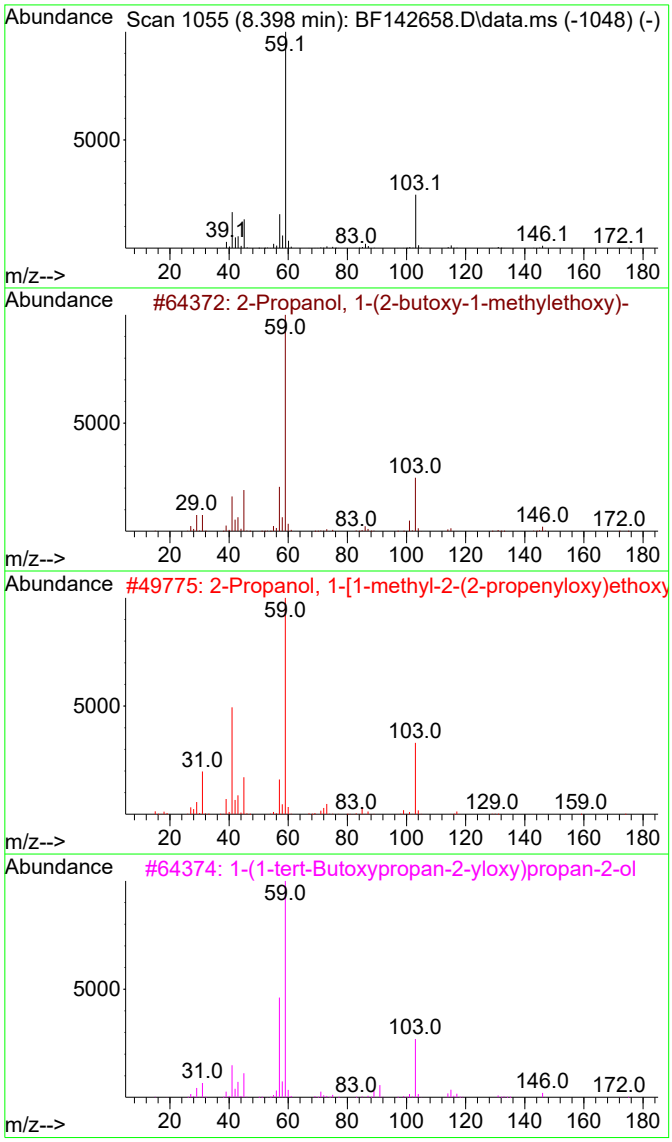
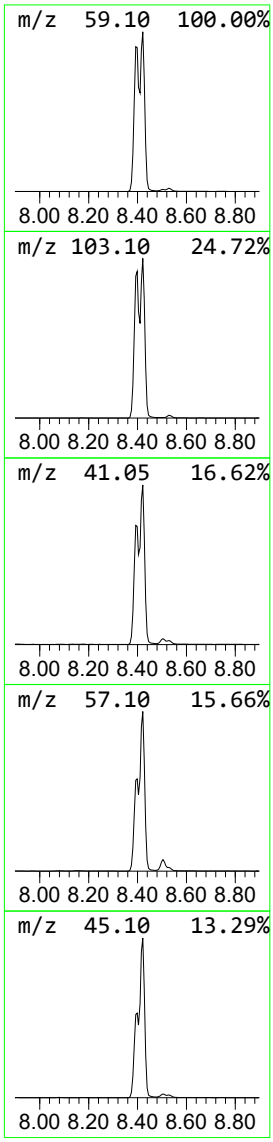
****
Peak Number 4 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	23.86 ng	1977270	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
5	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	64





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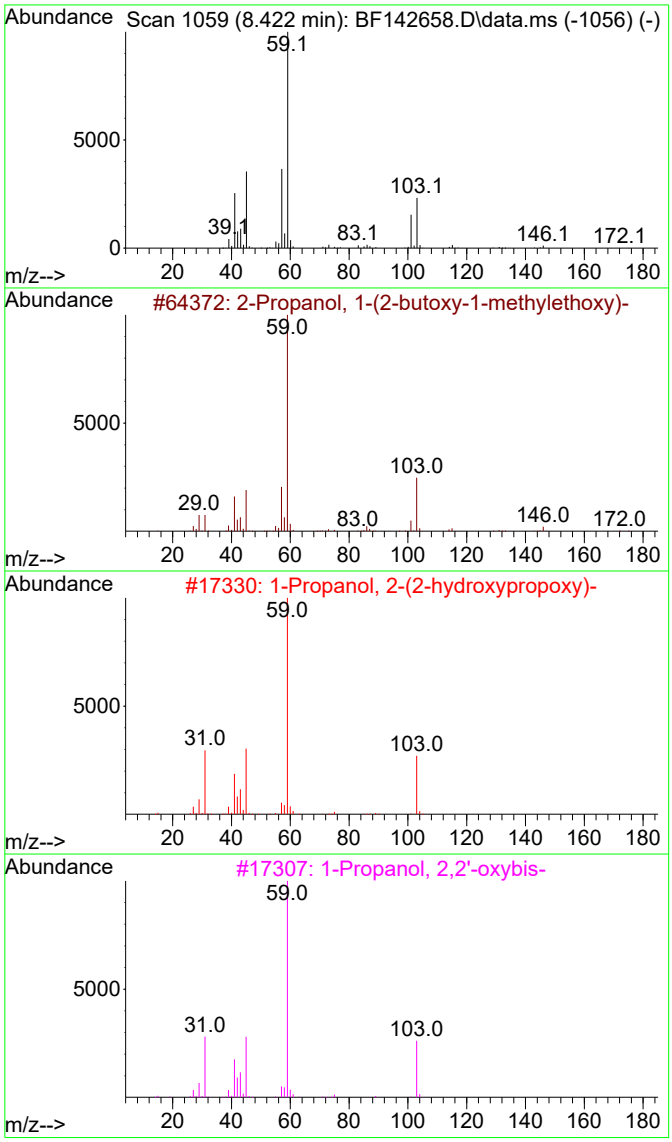
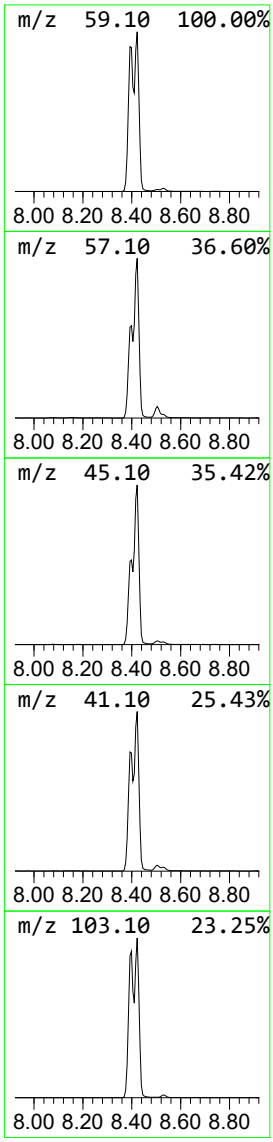
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	29.80 ng	2469920	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	78
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72
4	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	64
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	64





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.104	3.6	ng	228178	1	6.892	1257510	20.0
2-Propanol, 1-b...	6.192	4.1	ng	256927	1	6.892	1257510	20.0
1-Ethyl-2-pyrro...	7.528	5.4	ng	337209	1	6.892	1257510	20.0
2-Propanol, 1-(...	8.398	23.9	ng	1977270	2	8.181	1657680	20.0
1-Propanol, 2-(...	8.422	29.8	ng	2469920	2	8.181	1657680	20.0