LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
Data File : BF130607.D
Acq On : 10 Oct 2022 17:25
Operator : CG\JU
Sample : N5054-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 510A-2

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.781	454	458	470	rBV	263228	331024	4.81%	1.336%
2	5.210	527	531	543	rBV	1816679	1764423	25.61%	7.122%
3	6.251	704	708	724	rBV	1143931	1188211	17.25%	4.796%
4	6.604	765	768	772	rBV	737365	578596	8.40%	2.335%
5	7.181	860	866	868	rBV	1963930	2017934	29.29%	8.145%
6	7.810	969	973	983	rBV	121556	294136	4.27%	1.187%
7	7.887	983	986	990	rVB	930624	726395	10.54%	2.932%
8	8.298	1053	1056	1065	rBV	101049	90701	1.32%	0.366%
9	8.616	1107	1110	1115	rBV	108233	125038	1.82%	0.505%
10	8.663	1115	1118	1137	rVB	395312	418510	6.08%	1.689%
11	8.969	1165	1170	1173	rBV	3853152	3468082	50.34%	13.998%
12	9.634	1280	1283	1287	rBV	865705	683925	9.93%	2.761%
13	10.422	1413	1417	1421	rBV	1742422	1638495	23.78%	6.613%
14	11.116	1531	1535	1538	rBV	687293	543643	7.89%	2.194%
15	11.704	1629	1635	1637	rVB	6009450	6888853	100.00%	27.806%
16	12.704	1800	1805	1808	rBV	3296012	2740853	39.79%	11.063%
17	13.745	1978	1982	1986	rBV	772766	640814	9.30%	2.587%
18	15.127	2212	2217	2221	rBV	570220	635375	9.22%	2.565%

Sum of corrected areas: 24775008

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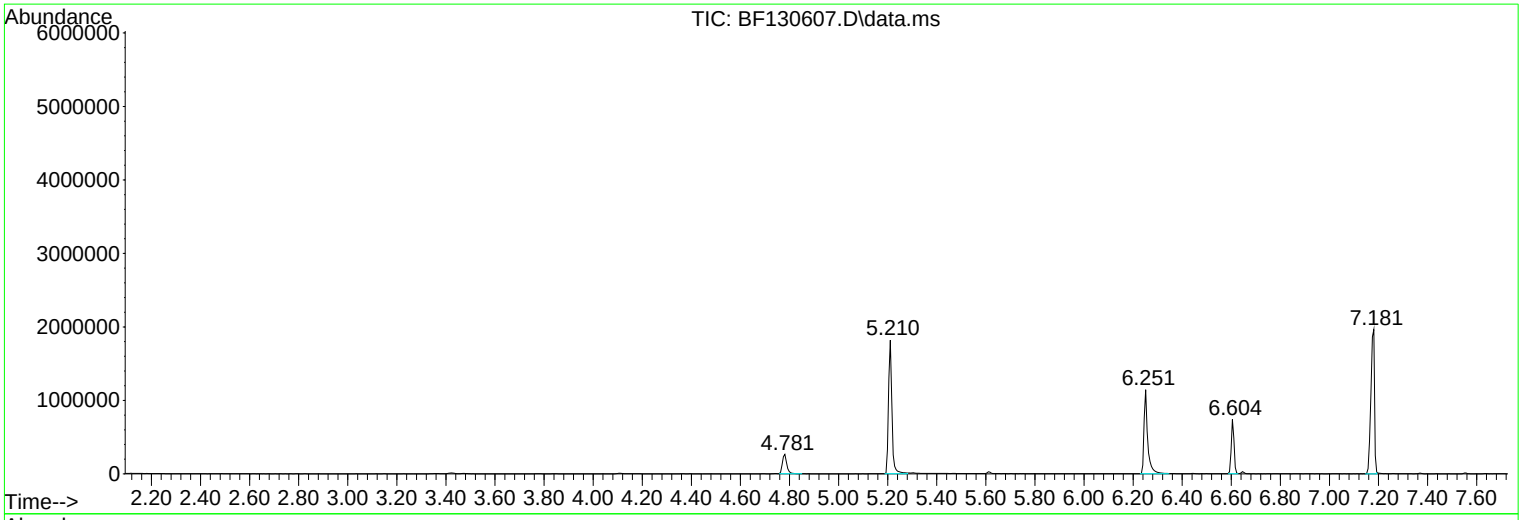
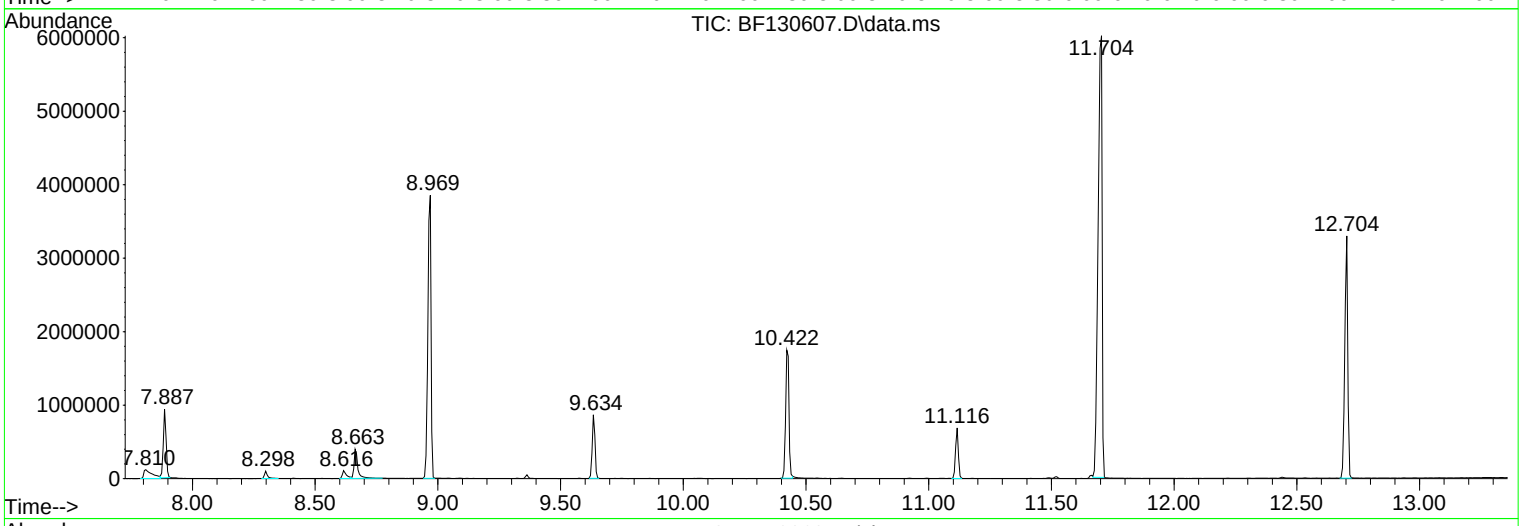
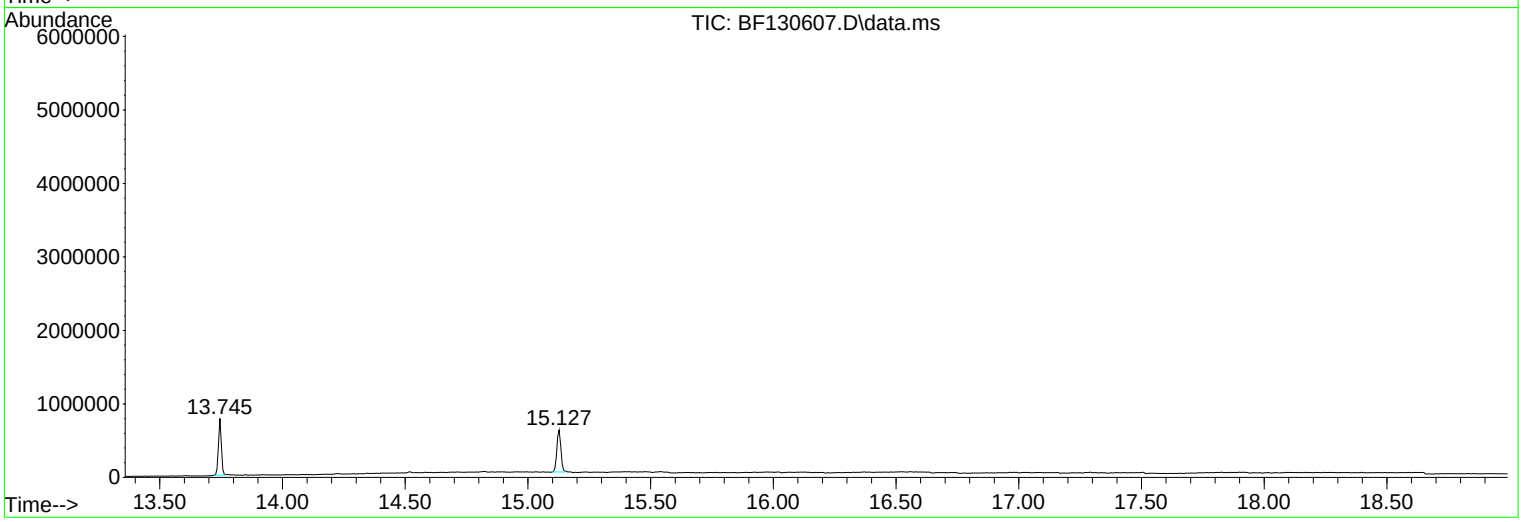
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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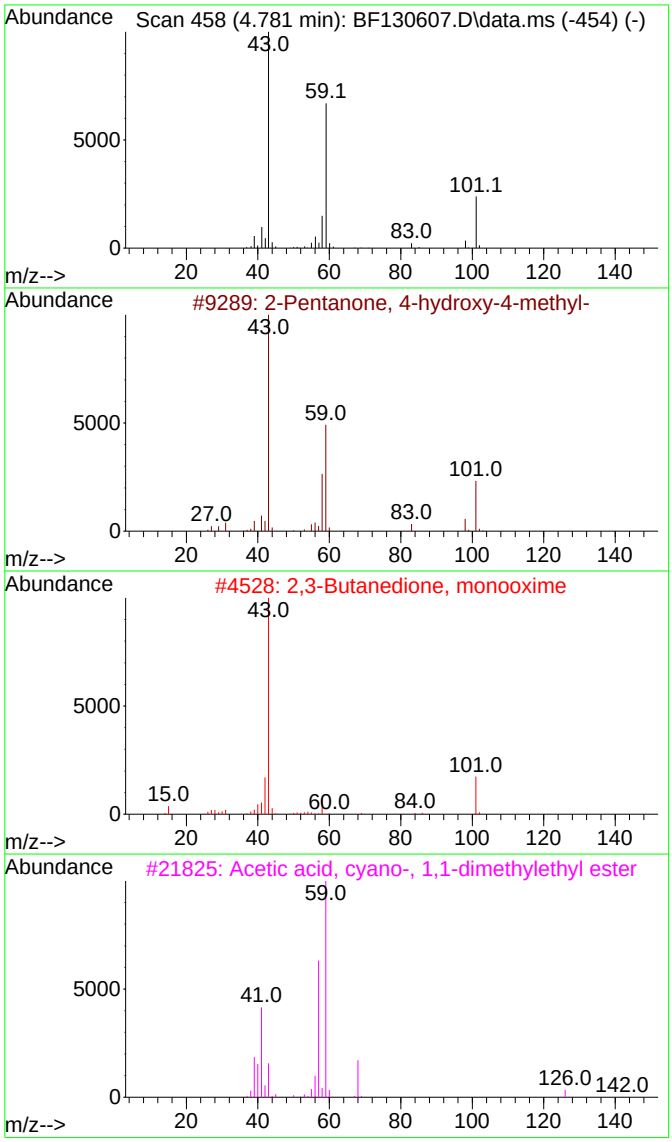
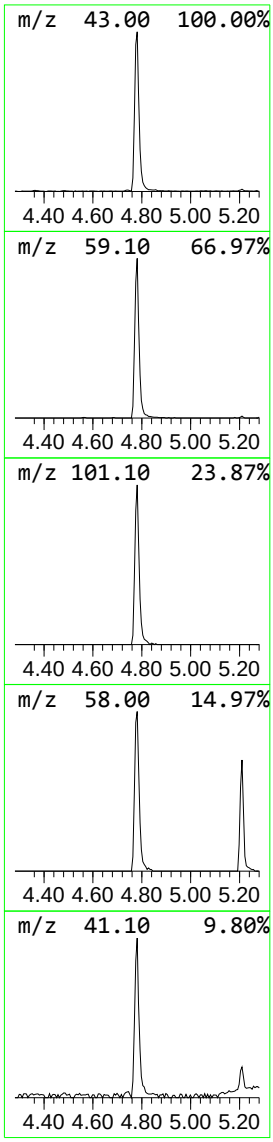
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.781	11.44 ng	331024	1,4-Dichlorobenzene-d4	6.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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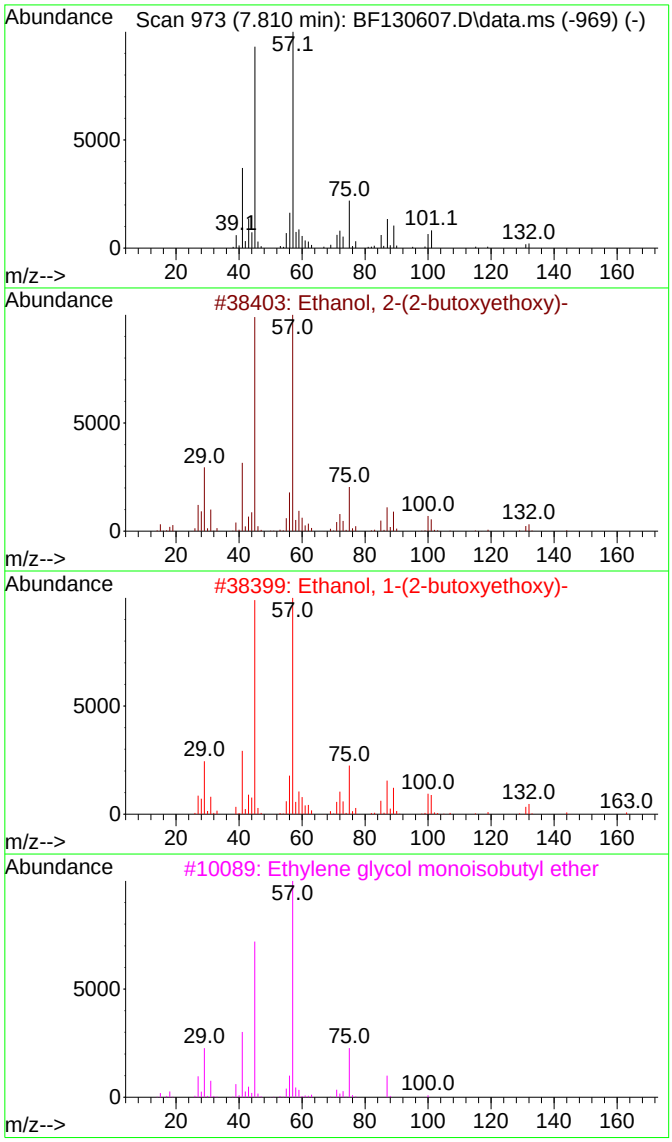
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

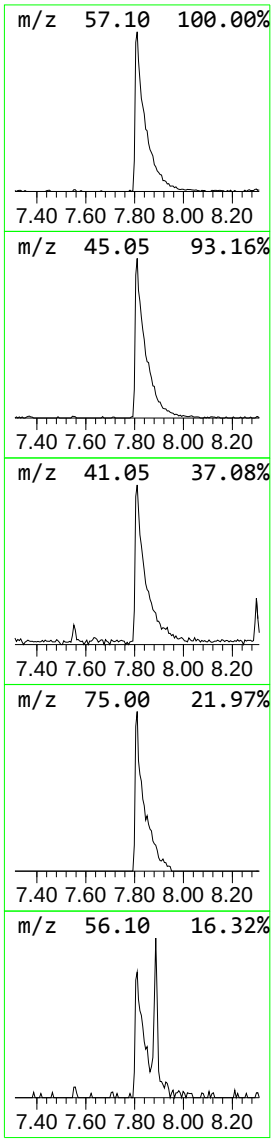
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.810	8.10 ng	294136	Naphthalene-d8	7.887

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	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	45





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Instrument :
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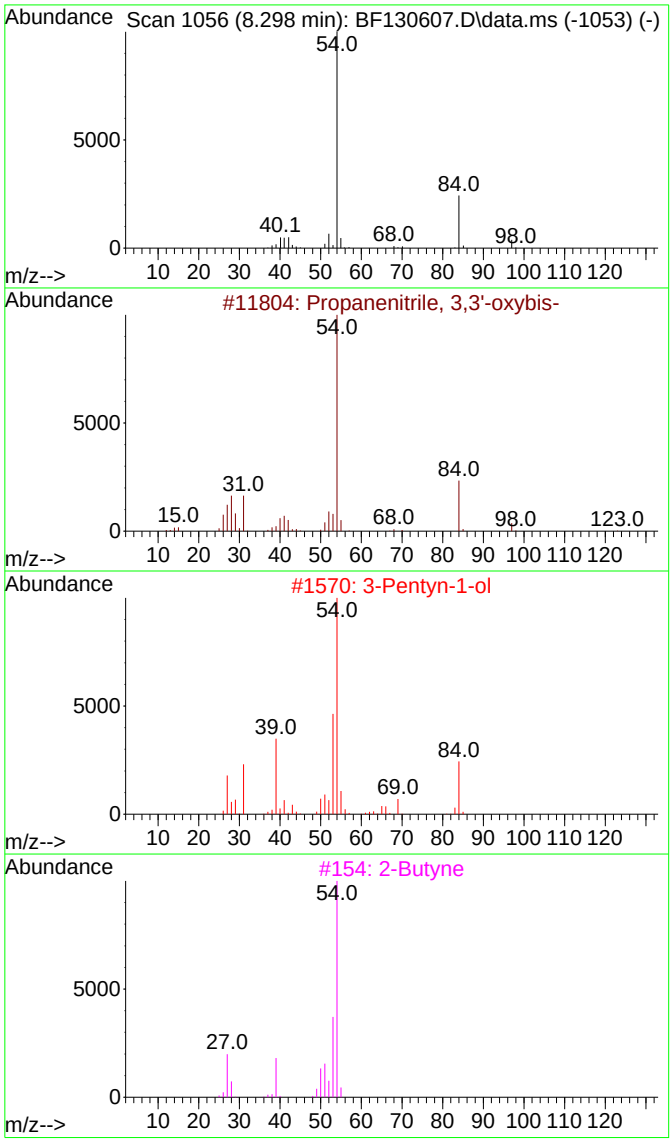
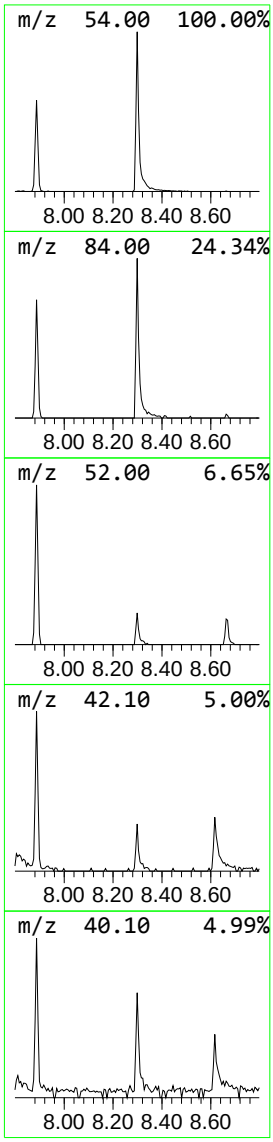
****
Peak Number 3 Propanenitrile, 3,3'-oxybis- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.298	2.50 ng	90701	Naphthalene-d8	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 3,3'-oxybis-	124	C6H8N2O	001656-48-0	83
2	3-Pentyn-1-ol	84	C5H8O	010229-10-4	43
3	2-Butyne	54	C4H6	000503-17-3	9
4	1-Butyne	54	C4H6	000107-00-6	7
5	Carbonocyanidic acid, ethyl ester	99	C4H5NO2	000623-49-4	2





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TIC Library : C:\Database\NIST20.L
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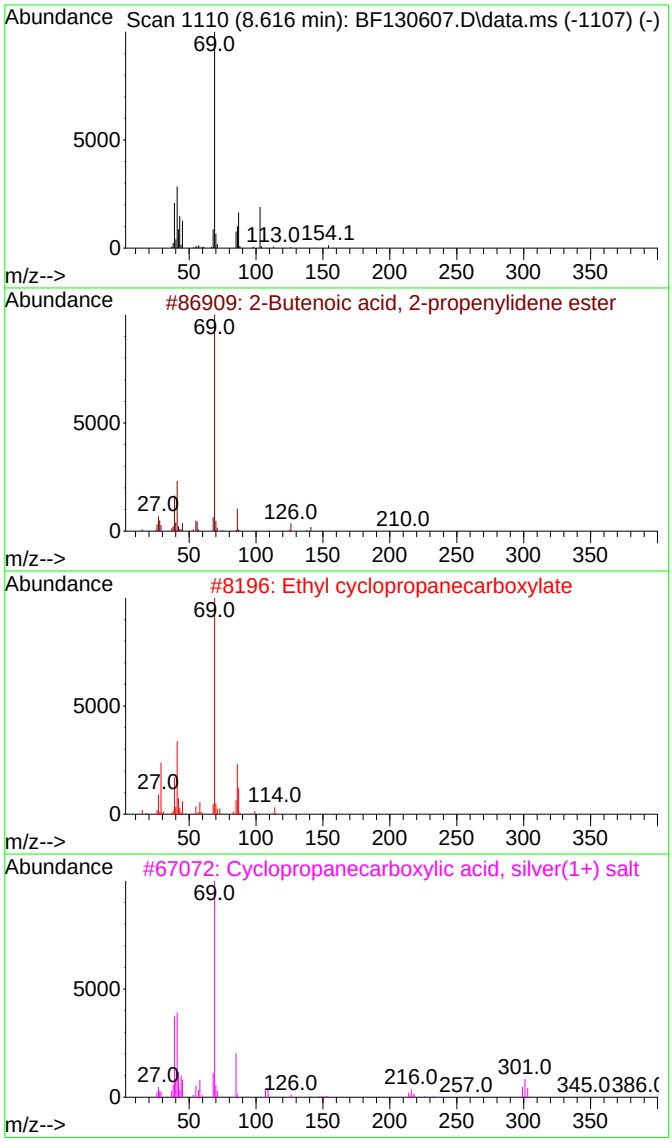
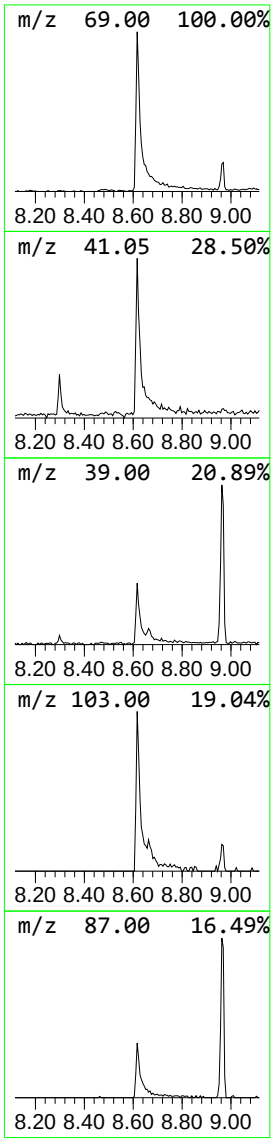
Peak Number 4 unknown8.616 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	3.44 ng	125038	Naphthalene-d8	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
3	Cyclopropanecarboxylic acid, sil...	192	C4H5AgO2	075112-77-5	36
4	Oxazole	69	C3H3NO	000288-42-6	9
5	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	9





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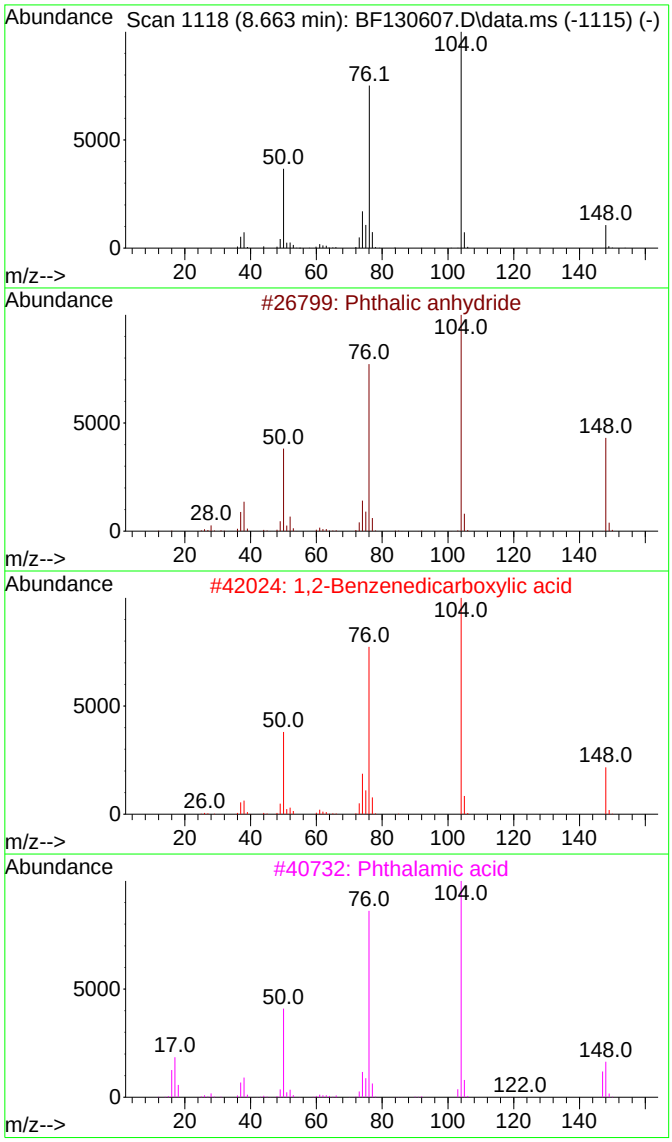
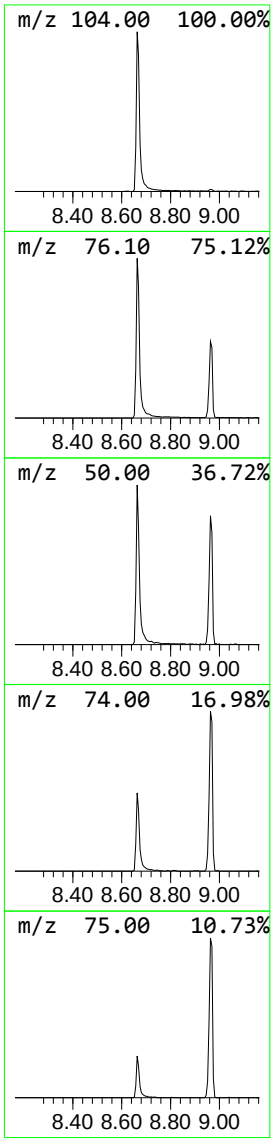
****

Peak Number 5 Phthalic anhydride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	11.52 ng	418510	Naphthalene-d8	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	Phthalamic acid	165	C8H7NO3	000088-97-1	83
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	80
5	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	78





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-...	4.781	11.4	ng	331024	1	6.604	578596	20.0
Ethanol, 2-(2-b...	7.810	8.1	ng	294136	2	7.887	726395	20.0
Propanenitrile,...	8.298	2.5	ng	90701	2	7.887	726395	20.0
unknown8.616	8.616	3.4	ng	125038	2	7.887	726395	20.0
Phthalic anhydride	8.663	11.5	ng	418510	2	7.887	726395	20.0