LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140889.D
Acq On : 17 Dec 2024 16:56
Operator : RC/JU
Sample : P5287-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STONES-A

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-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140889.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	22	rVB	1029089	1349072	100.00%	12.513%
2	5.193	514	527	535	rBV6	5718	28792	2.13%	0.267%
3	5.493	573	578	601	rVB	547662	828246	61.39%	7.682%
4	6.498	744	749	776	rBV	617059	929951	68.93%	8.625%
5	6.845	803	808	814	rBV	268578	344592	25.54%	3.196%
6	6.916	815	820	834	rVB	39446	74677	5.54%	0.693%
7	7.269	870	880	896	rVB	38184	64494	4.78%	0.598%
8	7.410	899	904	914	rBV	431887	557492	41.32%	5.171%
9	8.128	1021	1026	1043	rBV	352142	449395	33.31%	4.168%
10	8.845	1143	1148	1158	rBV	21539	46411	3.44%	0.430%
11	9.198	1203	1208	1213	rBV	1046172	1273867	94.43%	11.815%
12	9.880	1319	1324	1334	rBV	342837	425721	31.56%	3.949%
13	10.592	1442	1445	1450	rBV	33395	50835	3.77%	0.472%
14	10.675	1454	1459	1466	rBV	512575	695849	51.58%	6.454%
15	11.375	1574	1578	1582	rBV	349209	499464	37.02%	4.633%
16	12.963	1845	1848	1854	rVB	934055	1153162	85.48%	10.696%
17	13.992	2020	2023	2027	rVB	437491	513873	38.09%	4.766%
18	14.033	2027	2030	2055	rVB	412638	888644	65.87%	8.242%
19	15.521	2278	2283	2297	rVB	322663	606935	44.99%	5.629%

Sum of corrected areas: 10781472

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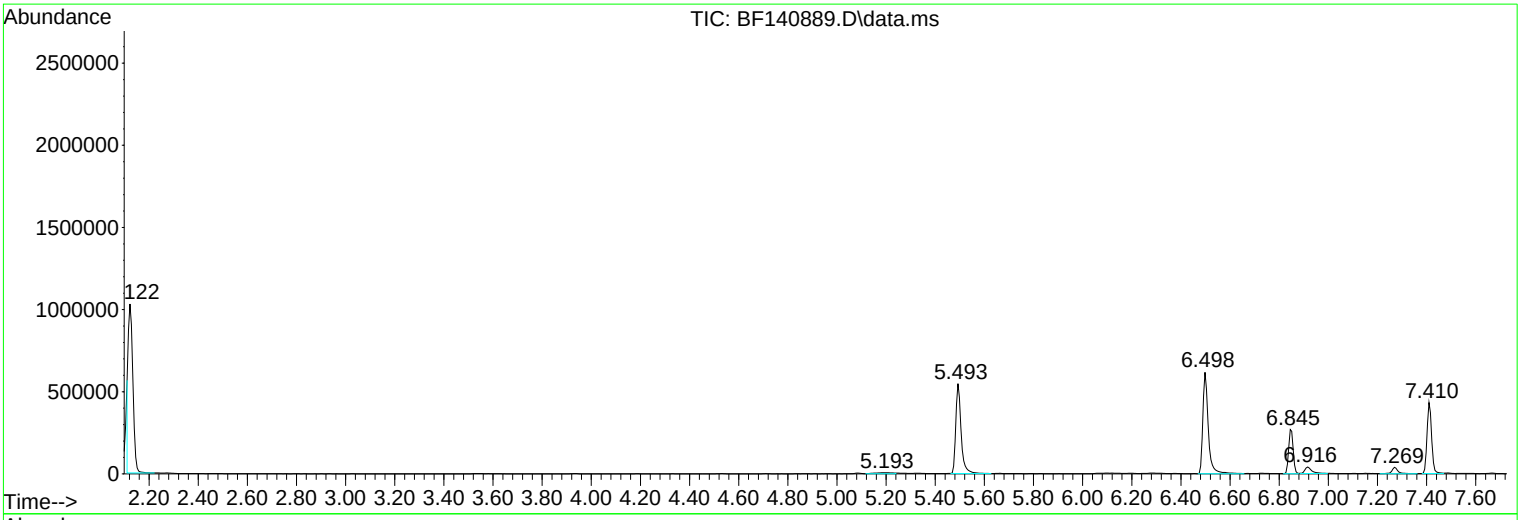
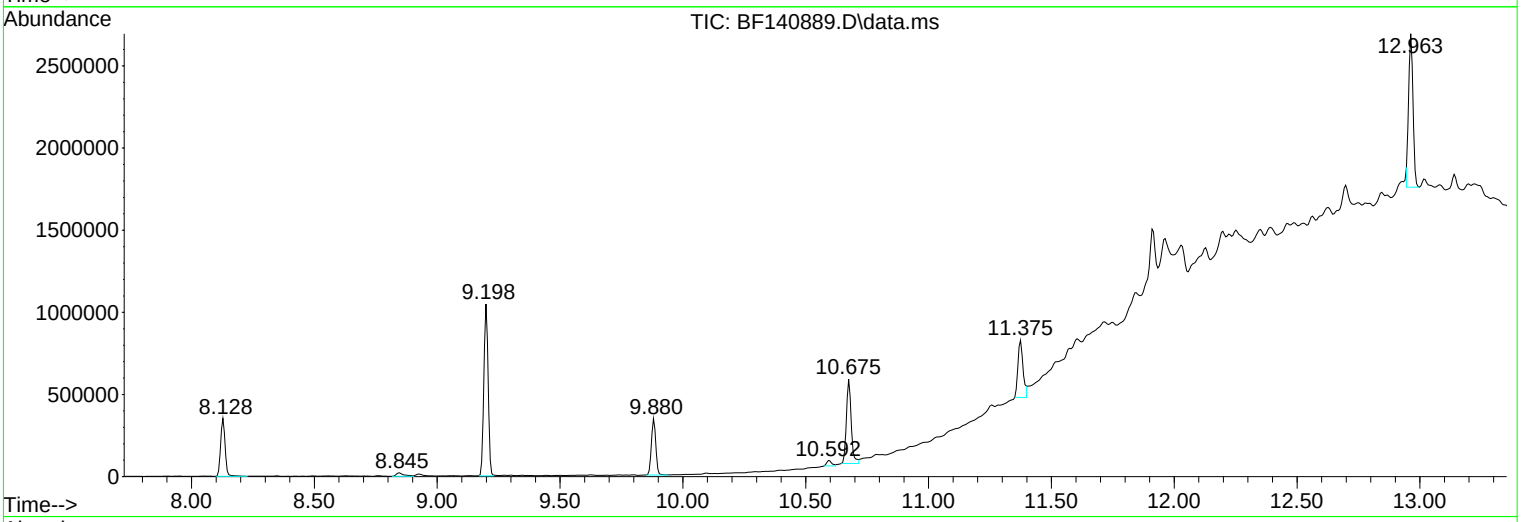
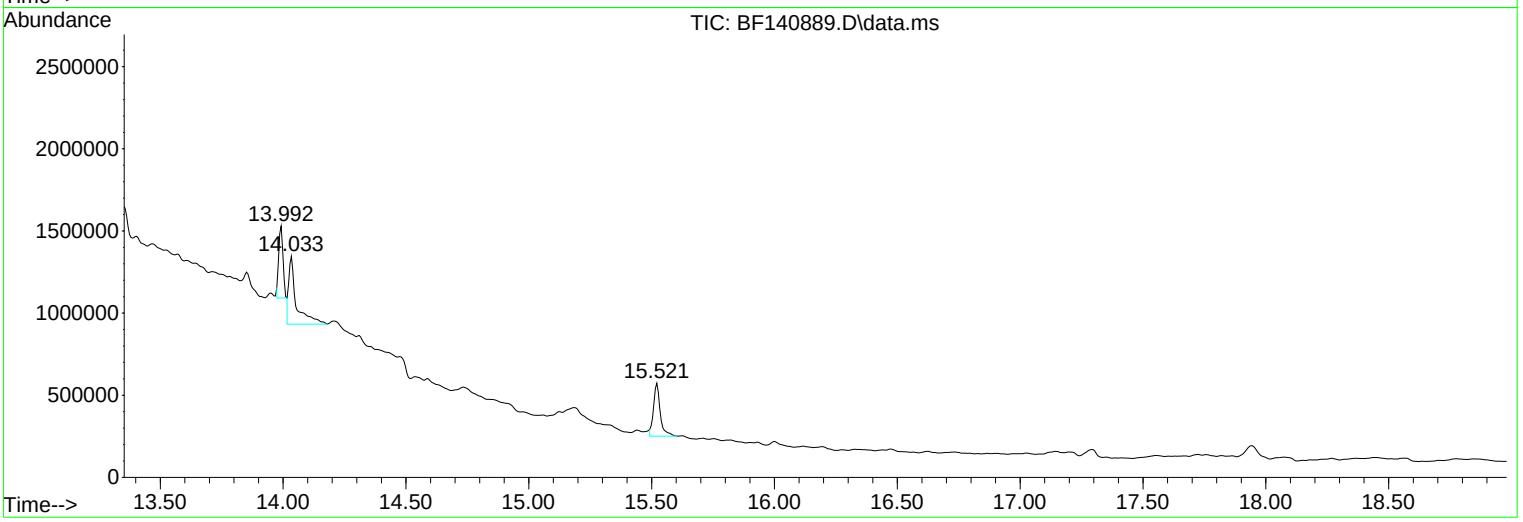
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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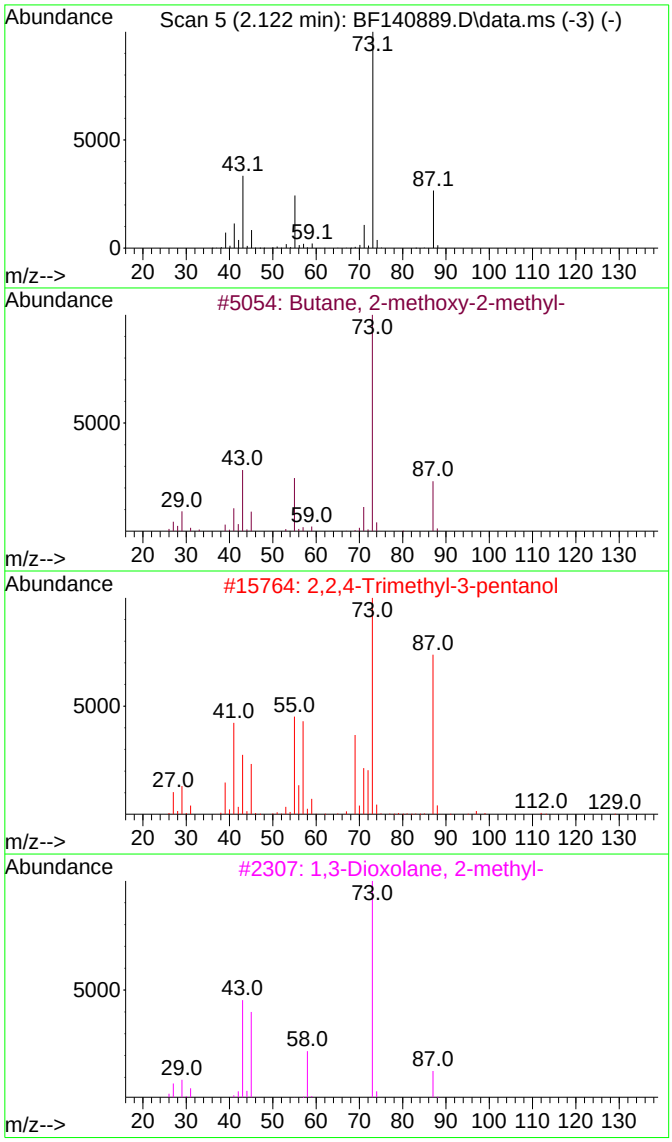
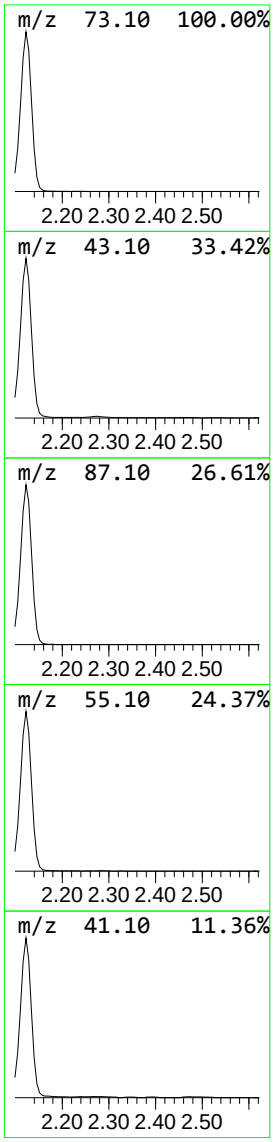
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	78.30 ng	1349070	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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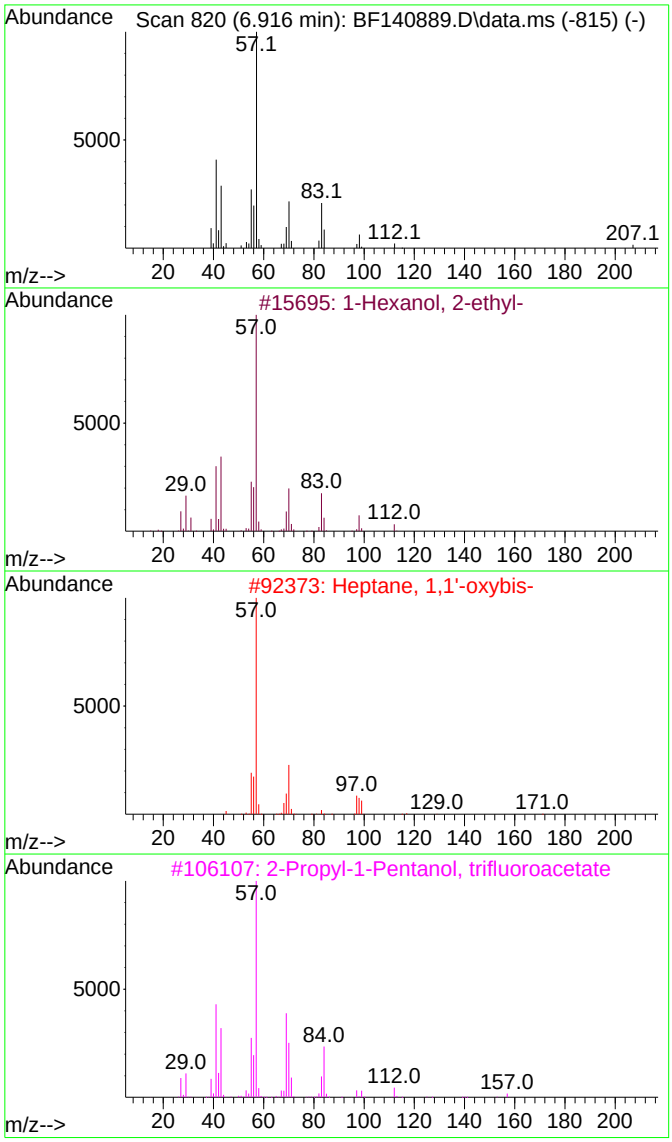
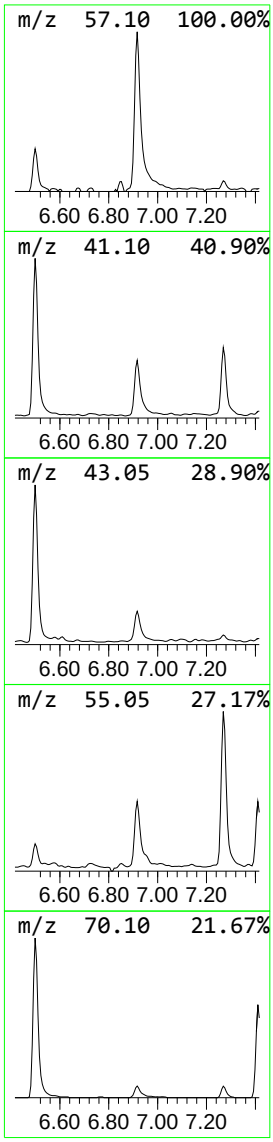
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.916	4.33 ng	74677	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	50
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47





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Sample : P5287-01
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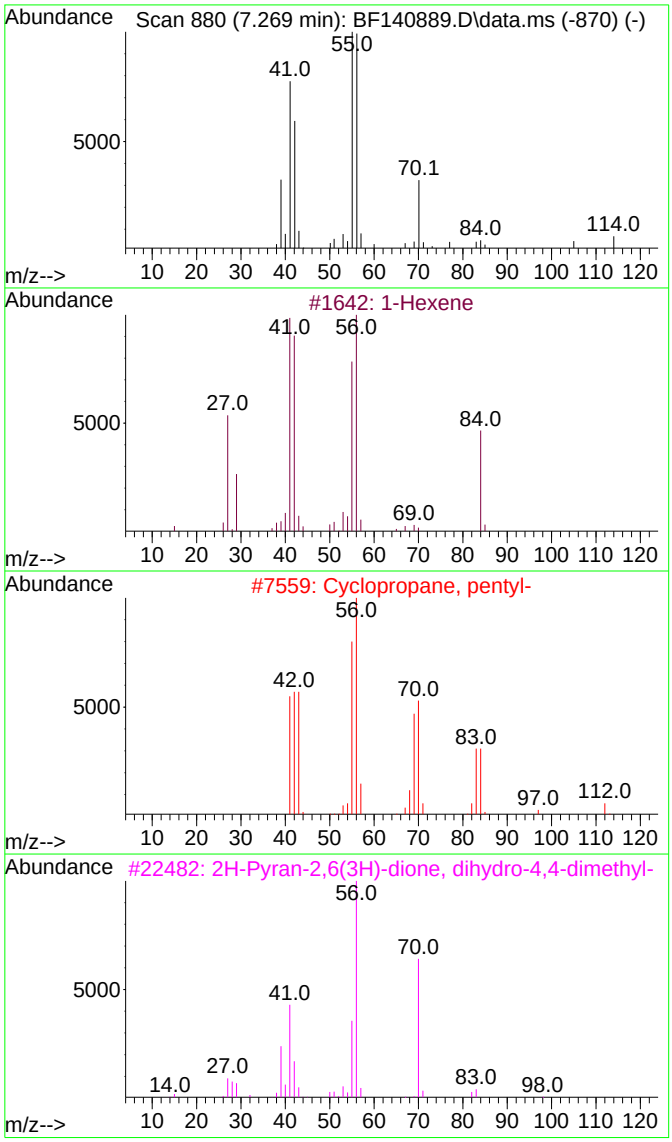
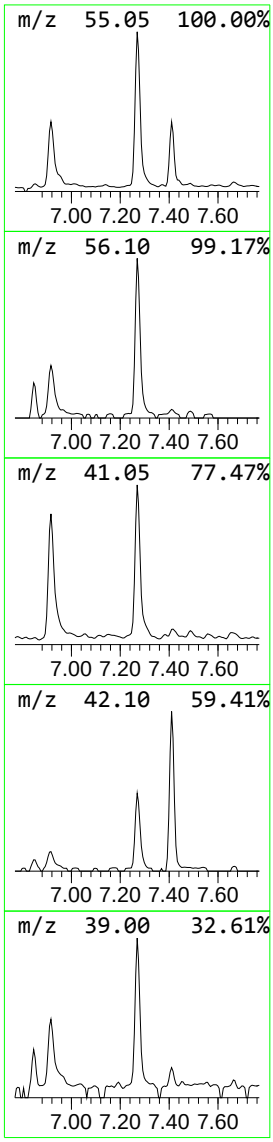
Peak Number 3 1-Hexene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	3.74 ng	64494	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	72
2	Cyclopropane, pentyl-	112	C8H16	002511-91-3	64
3	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	53
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	50
5	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	50





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
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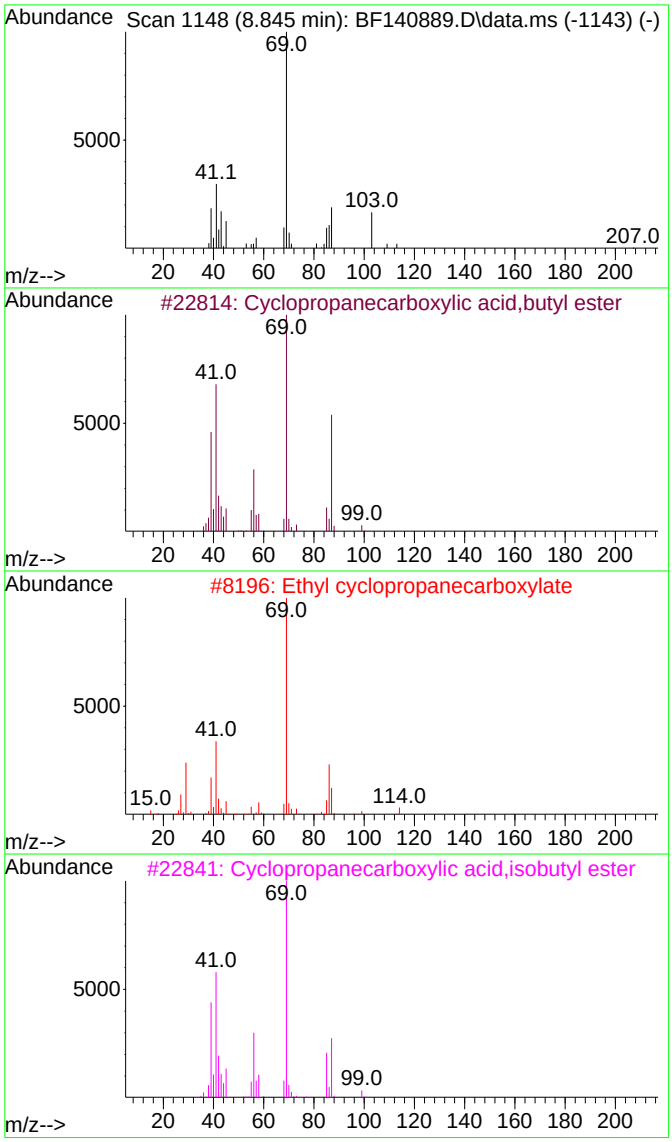
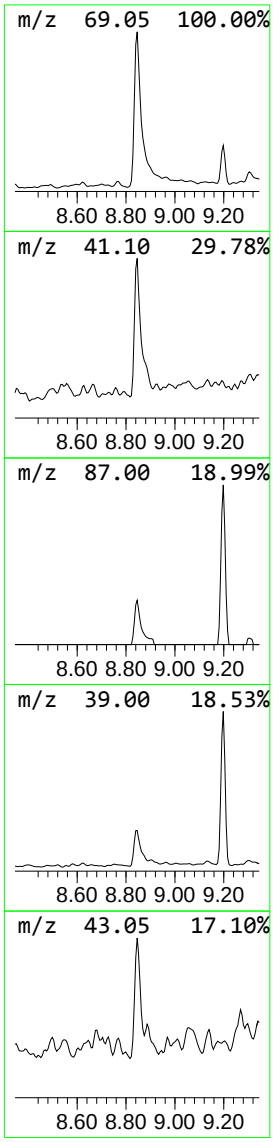
Peak Number 4 Cyclopropanecarboxylic acid... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.845	2.07 ng	46411	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	50
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
3	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	38
4	Oxazole	69	C3H3NO	000288-42-6	9
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	9





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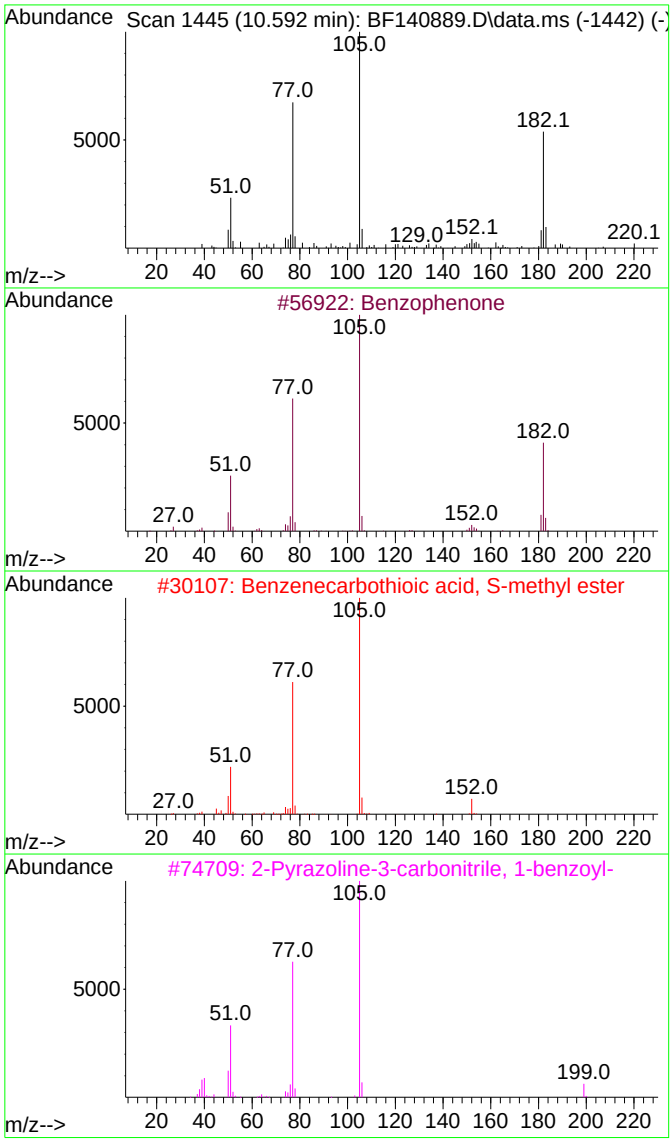
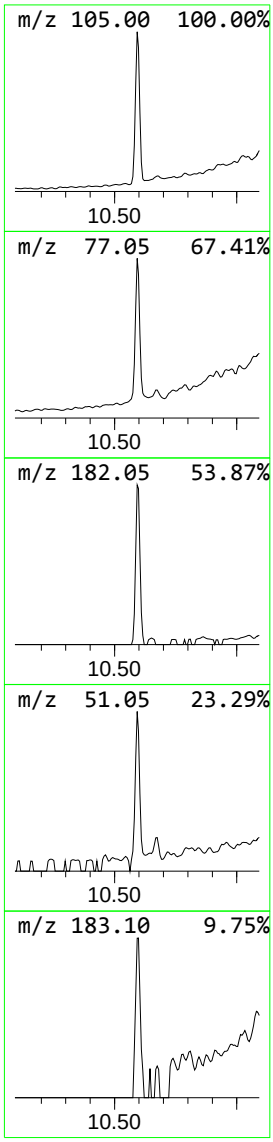
Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	2.39 ng	50835	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	47
4	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	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...	2.122	78.3	ng	1349070	1	6.845	344592	20.0
1-Hexanol, 2-et...	6.916	4.3	ng	74677	1	6.845	344592	20.0
1-Hexene	7.269	3.7	ng	64494	1	6.845	344592	20.0
Cyclopropanecar...	8.845	2.1	ng	46411	2	8.128	449395	20.0
Benzophenone	10.592	2.4	ng	50835	3	9.880	425721	20.0