LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036219.D
Acq On : 11 Aug 2022 21:12
Operator : CG/JU
Sample : N4082-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CRUSHED-MASONARY-PILE-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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036219.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	99	103	116	rVB	237325	339022	2.03%	0.423%
2	4.316	203	209	224	rVB	12019390	16685742	100.00%	20.799%
3	4.934	305	314	327	rBV	5953611	8288008	49.67%	10.331%
4	5.410	388	395	407	rBV	793289	1207305	7.24%	1.505%
5	7.022	662	669	685	rBV	2203788	3436641	20.60%	4.284%
6	7.822	797	805	814	rBV	949736	1523528	9.13%	1.899%
7	8.492	911	919	926	rBV	136993	231139	1.39%	0.288%
8	8.998	996	1005	1022	rBV	2378020	3866630	23.17%	4.820%
9	10.628	1272	1282	1296	rBV	1382259	2292690	13.74%	2.858%
10	13.098	1694	1702	1710	rBV	6410219	9301730	55.75%	11.595%
11	14.468	1928	1935	1949	rVB	2160454	3088632	18.51%	3.850%
12	15.963	2183	2189	2195	rBV	149596	225913	1.35%	0.282%
13	17.209	2395	2401	2412	rBV	2622277	3729642	22.35%	4.649%
14	17.886	2511	2516	2522	rBV	144814	180753	1.08%	0.225%
15	18.109	2550	2554	2563	rBV	222083	363090	2.18%	0.453%
16	19.839	2842	2848	2853	rBV	12101934	14761698	88.47%	18.401%
17	20.598	2974	2977	2982	rBV	367213	415795	2.49%	0.518%
18	21.103	3059	3063	3072	rVB	1083300	1367339	8.19%	1.704%
19	21.392	3107	3112	3120	rBV	3532285	4717615	28.27%	5.881%
20	23.733	3504	3510	3520	rVB2	2062605	4201078	25.18%	5.237%

Sum of corrected areas: 80223990

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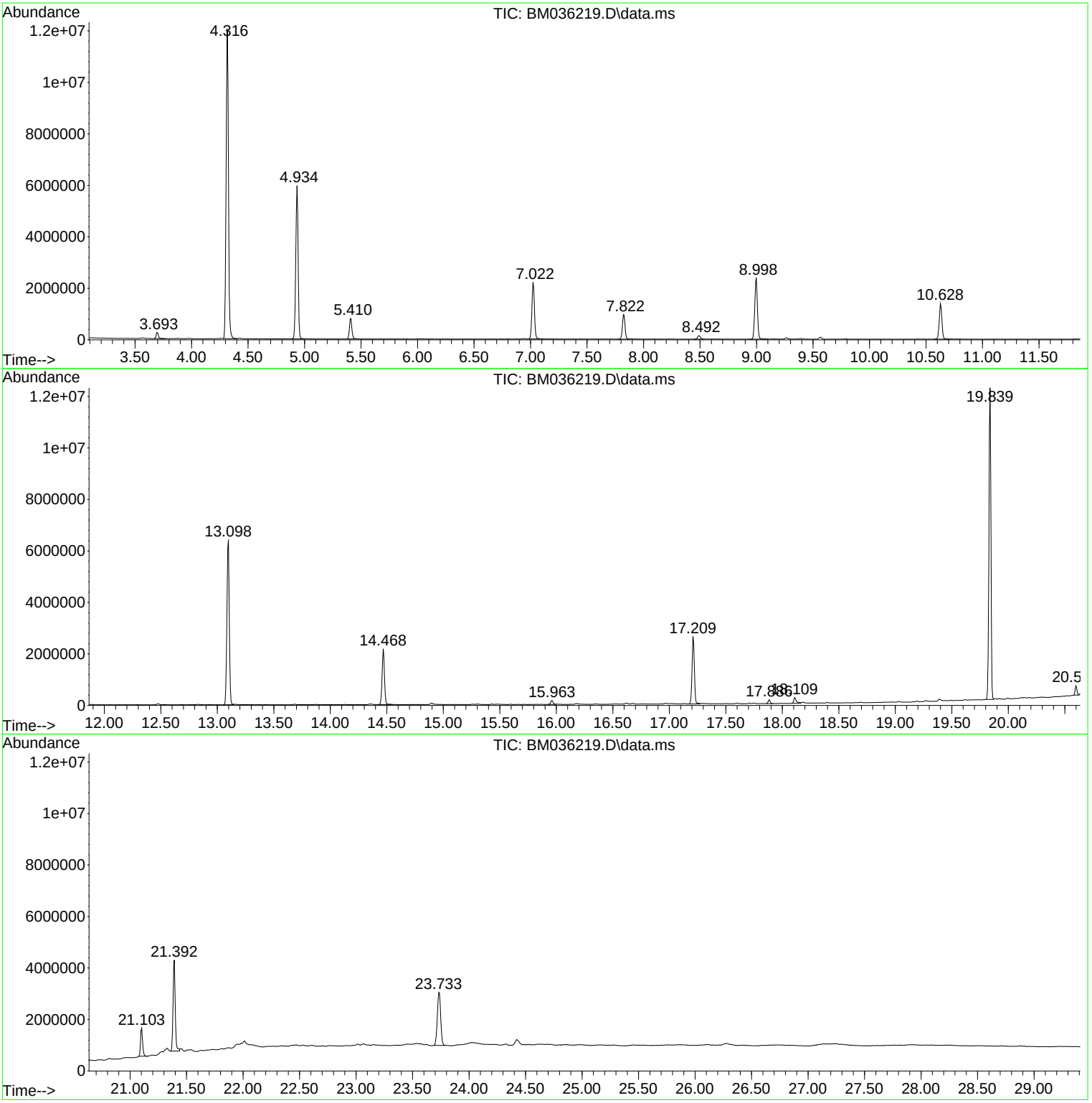
CRUSHED-MASONARY-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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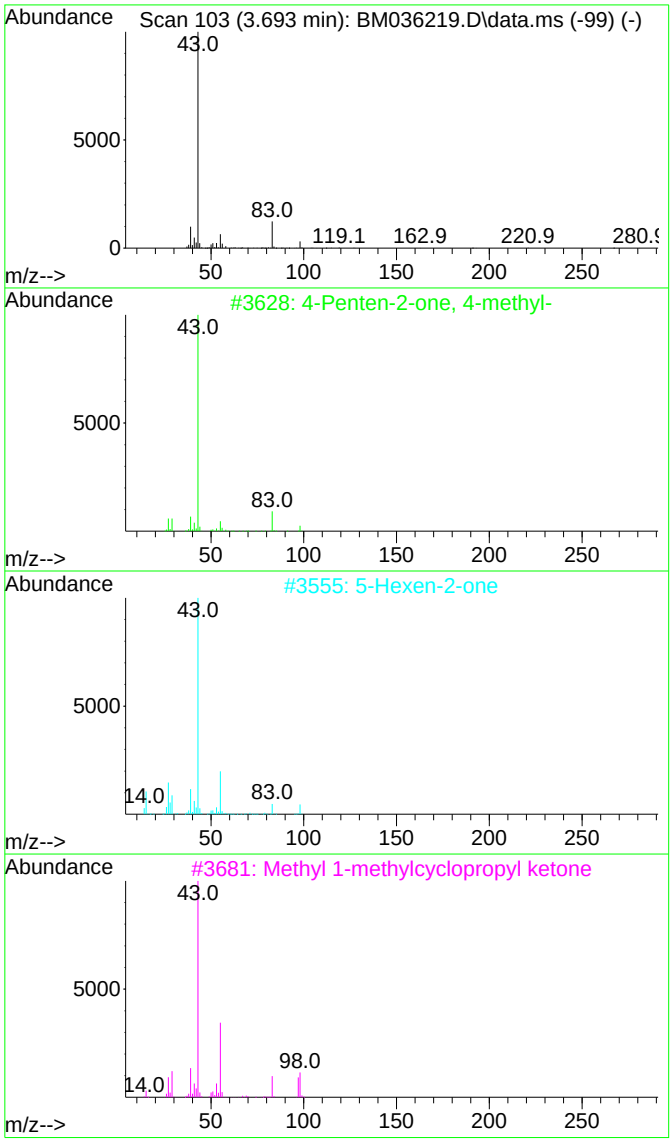
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

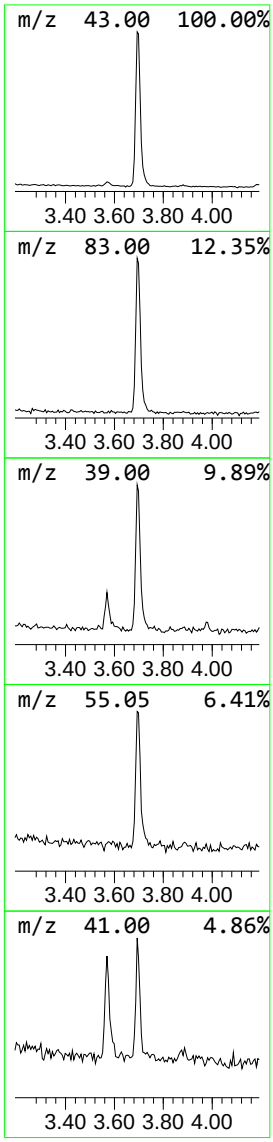
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.693	4.45 ng	339022	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	38
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	37
5	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	9





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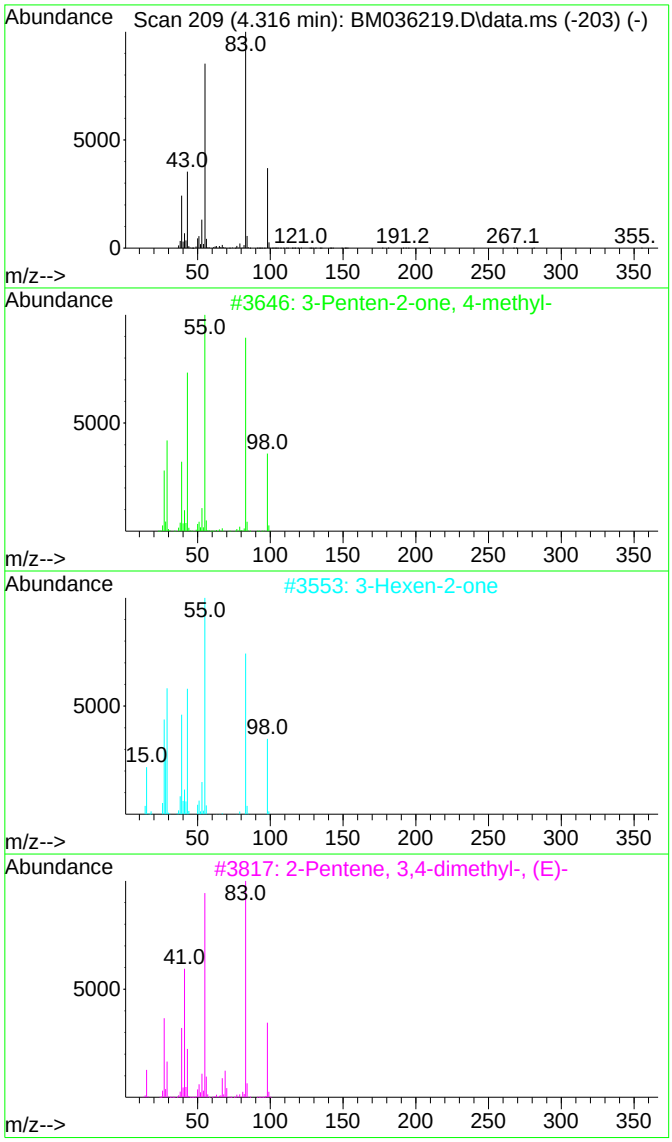
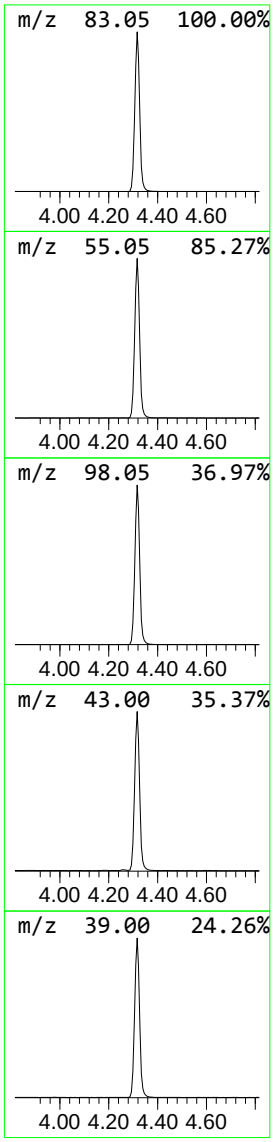
****
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.316	219.04 ng	16685700	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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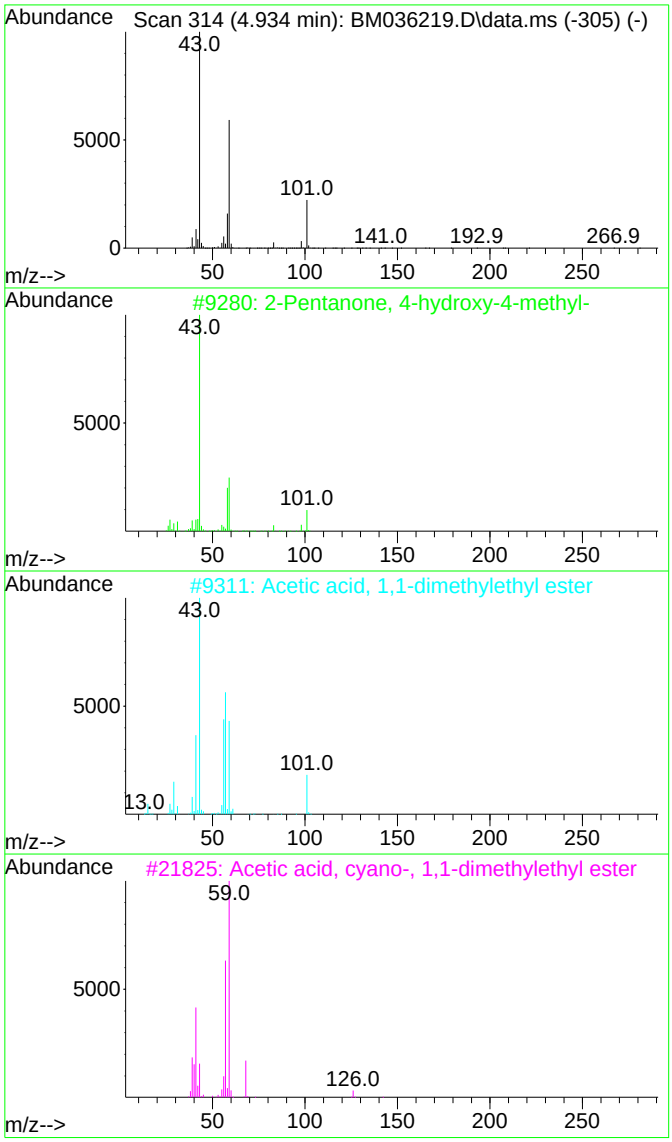
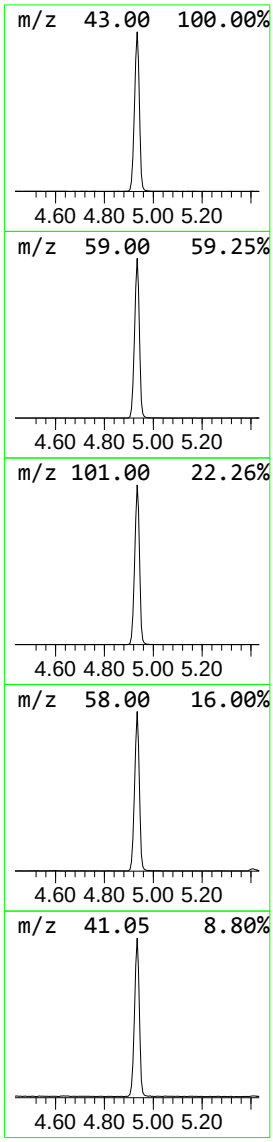
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	108.80 ng	8288010	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
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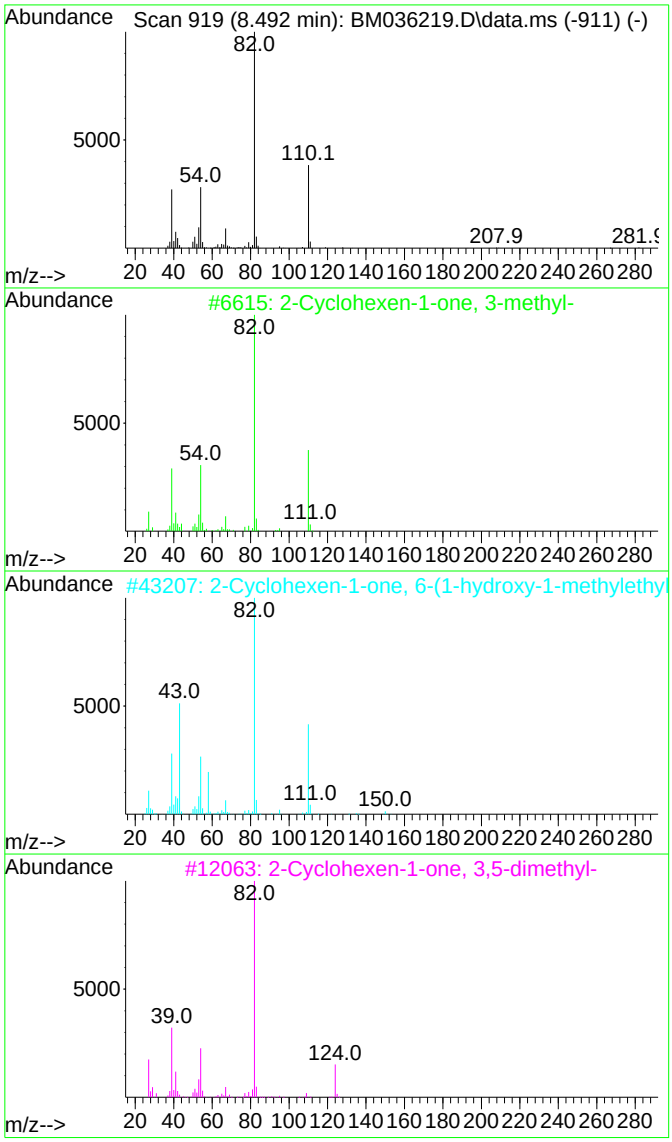
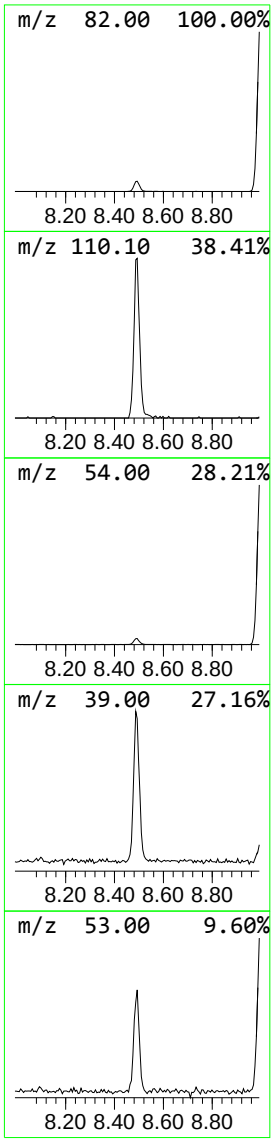
****
Peak Number 4 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.492	3.03 ng	231139	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	78
3	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
4	Isophorone	138	C9H14O	000078-59-1	53
5	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	52





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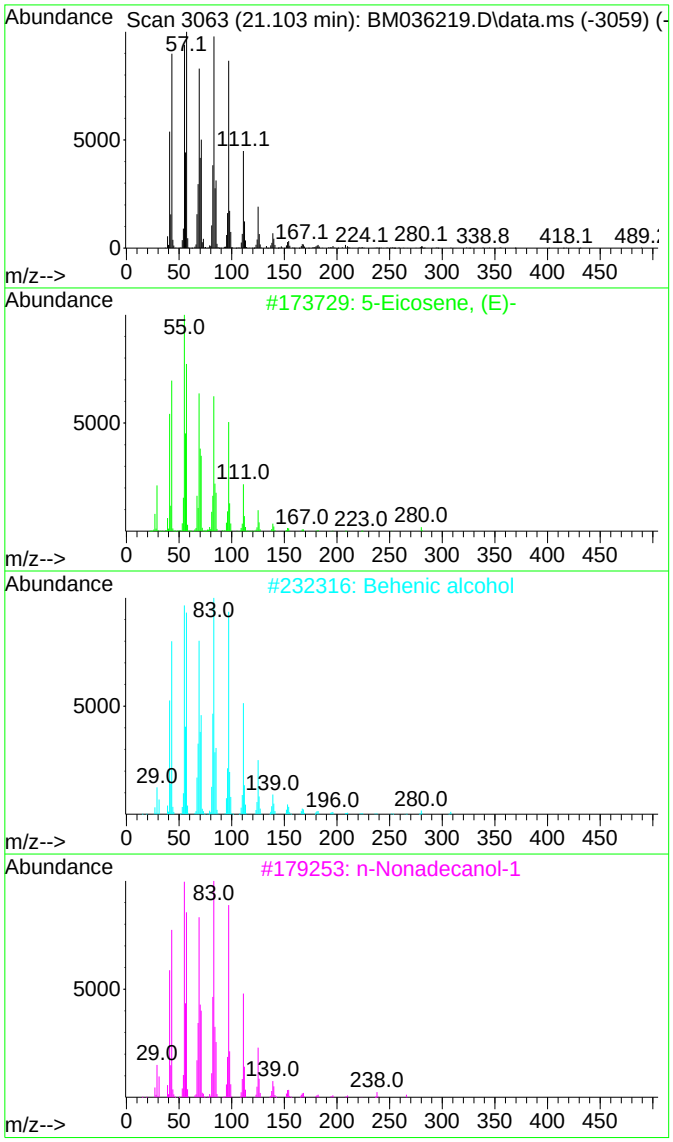
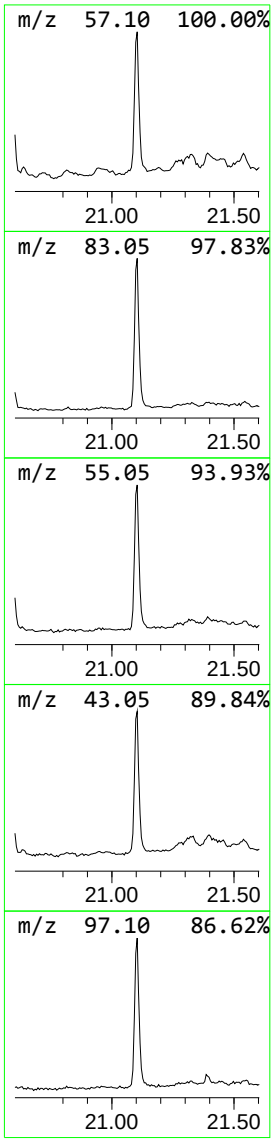
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	5.80 ng	1367340	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one,...	3.693	4.5	ng	339022	1	7.822	1523530	20.0
3-Penten-2-one,...	4.316	219.0	ng	16685700	1	7.822	1523530	20.0
2-Pentanone, 4-...	4.934	108.8	ng	8288010	1	7.822	1523530	20.0
2-Cyclohexen-1-...	8.492	3.0	ng	231139	1	7.822	1523530	20.0
5-Eicosene, (E)-	21.103	5.8	ng	1367340	5	21.392	4717620	20.0