LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036220.D
Acq On : 11 Aug 2022 21:49
Operator : CG/JU
Sample : N4084-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RECOVERED-CRUSHED-AGGREGATE-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: BM036220.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	98	103	116	rVB	755162	961175	2.51%	0.762%
2	4.328	203	211	224	rBV	21338053	38239692	100.00%	30.317%
3	4.946	304	316	335	rBV	11995518	19213809	50.25%	15.233%
4	5.410	388	395	408	rBV	1527059	2225930	5.82%	1.765%
5	7.022	662	669	683	rBV	1896687	2950766	7.72%	2.339%
6	7.822	798	805	813	rBV	1004860	1583939	4.14%	1.256%
7	8.487	912	918	927	rBV	408564	659493	1.72%	0.523%
8	8.998	995	1005	1025	rBV	3401337	5579177	14.59%	4.423%
9	10.628	1272	1282	1294	rBV	1421133	2385876	6.24%	1.892%
10	13.098	1694	1702	1710	rBV	9152328	13099819	34.26%	10.386%
11	14.469	1928	1935	1949	rVB	2235303	3166299	8.28%	2.510%
12	15.957	2182	2188	2207	rBV	1676371	2415428	6.32%	1.915%
13	17.210	2395	2401	2415	rBV	2569496	3805022	9.95%	3.017%
14	19.839	2842	2848	2853	rBV	16263853	20066119	52.47%	15.909%
15	21.103	3059	3063	3073	rBV	624419	867289	2.27%	0.688%
16	21.392	3107	3112	3121	rBV	3632744	4647152	12.15%	3.684%
17	23.733	3504	3510	3519	rVB2	2119018	4266232	11.16%	3.382%

Sum of corrected areas: 126133217

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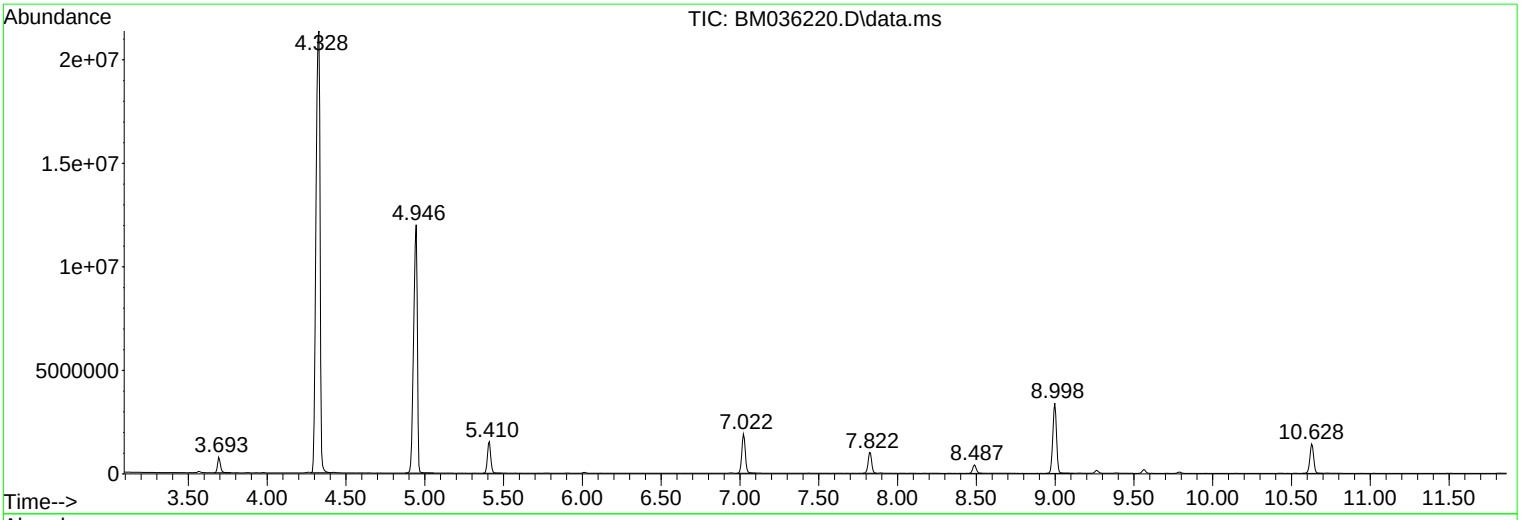
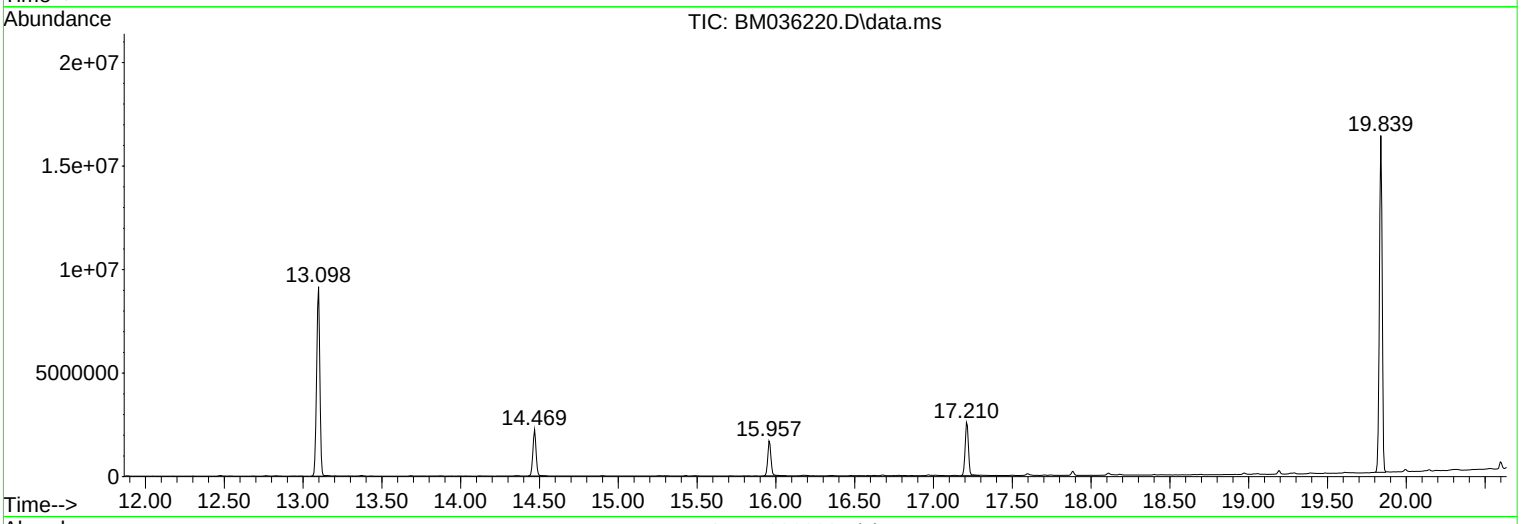
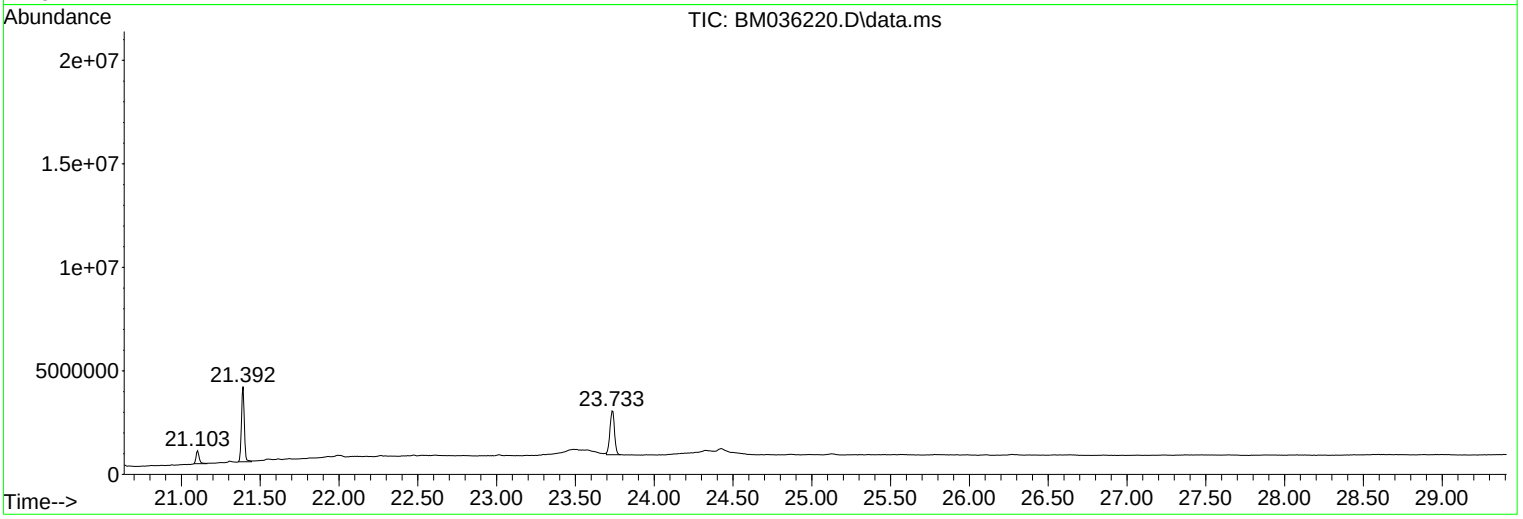
RECOVERED-CRUSHED-AGGREGATE-PILE-A

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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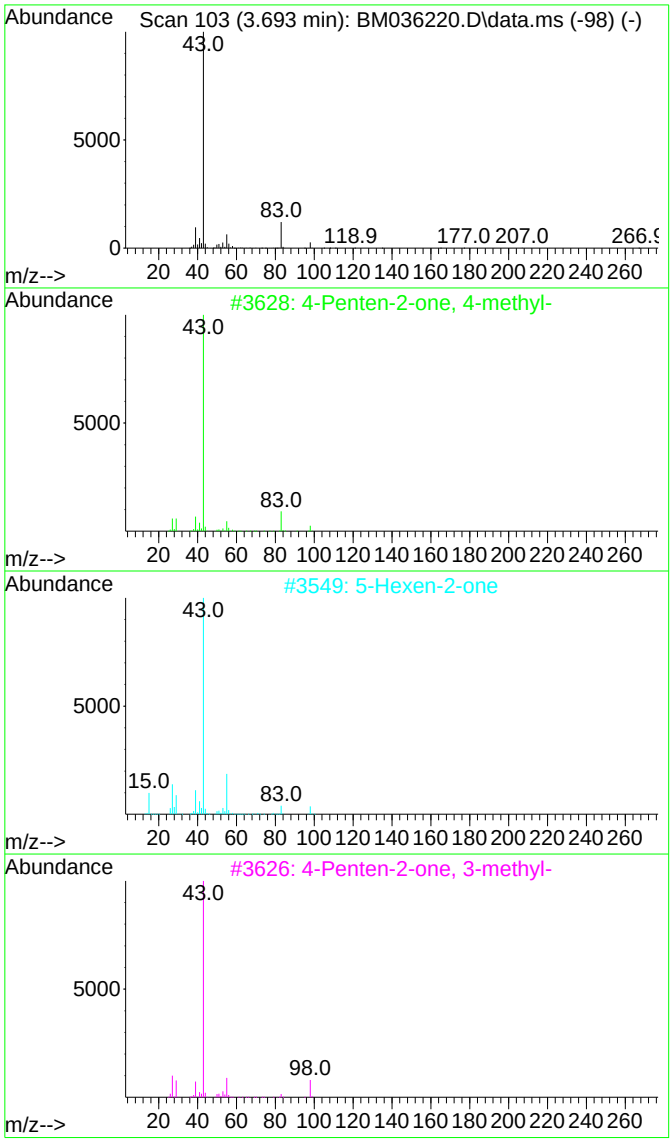
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

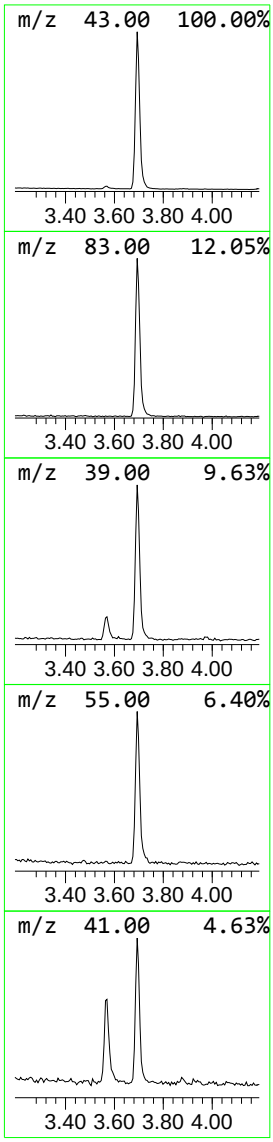
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.693	12.14 ng	961175	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	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	38
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	27
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23





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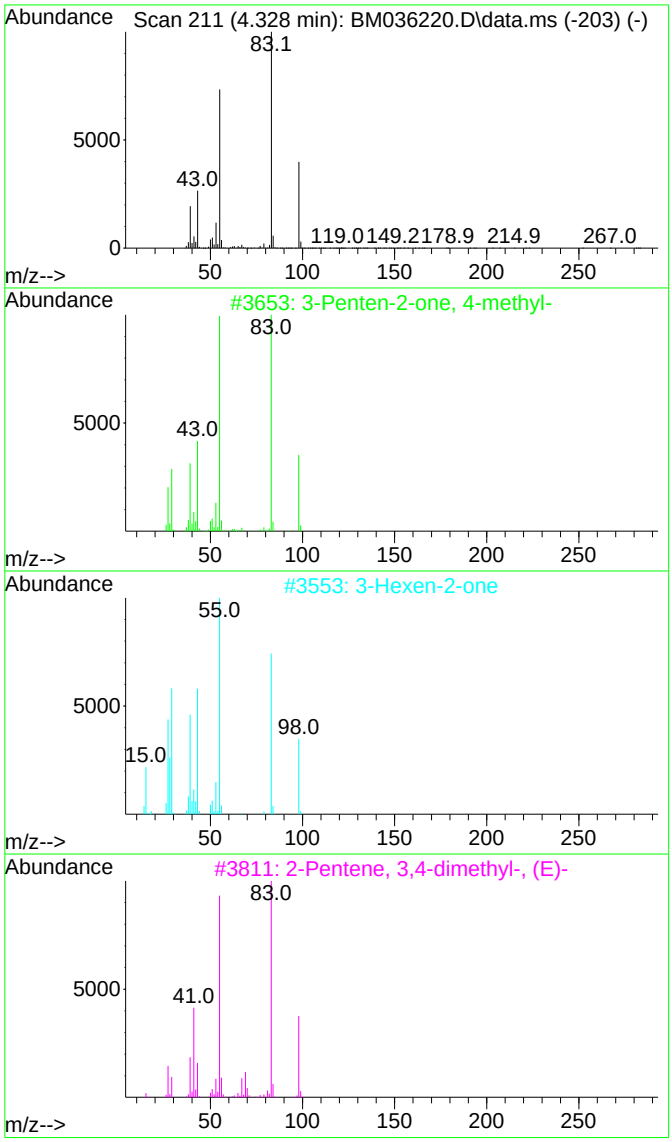
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

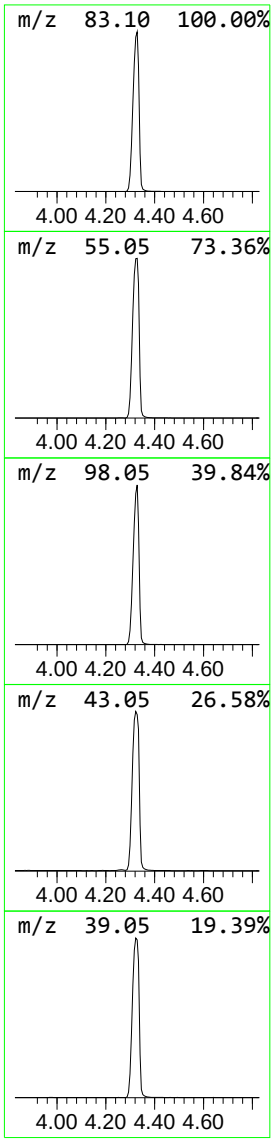
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.328	482.84 ng	38239700	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	86
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





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Sample : N4084-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
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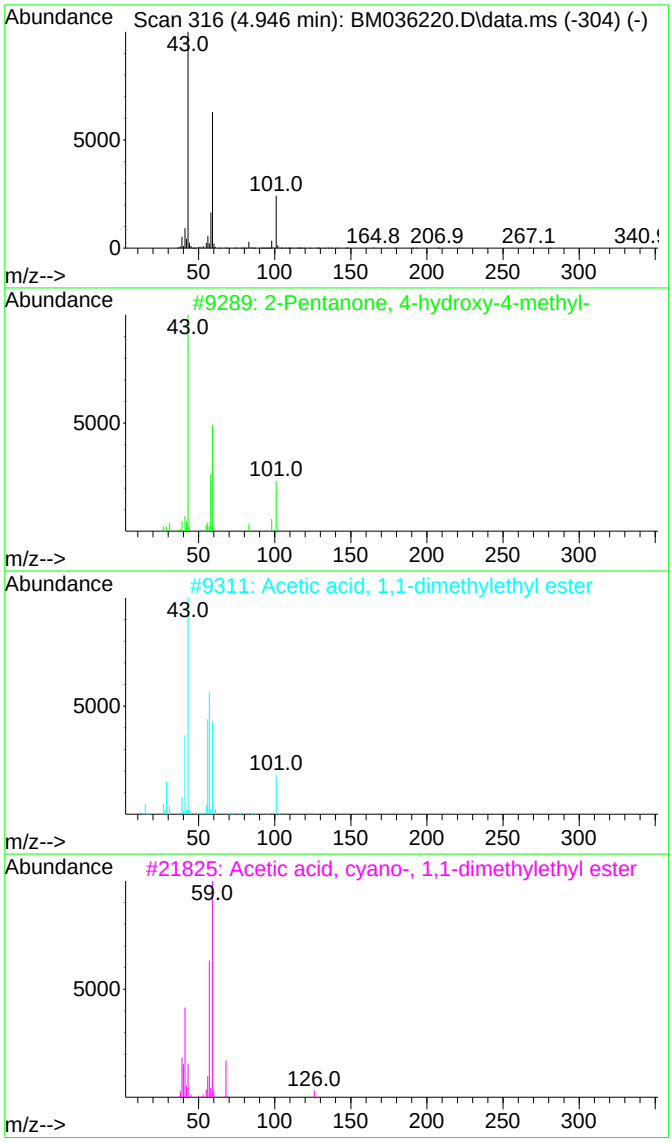
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

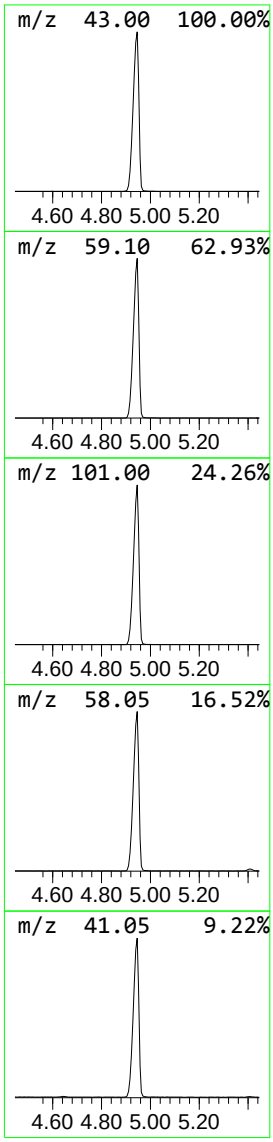
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	242.61 ng	19213800	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	64
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	25
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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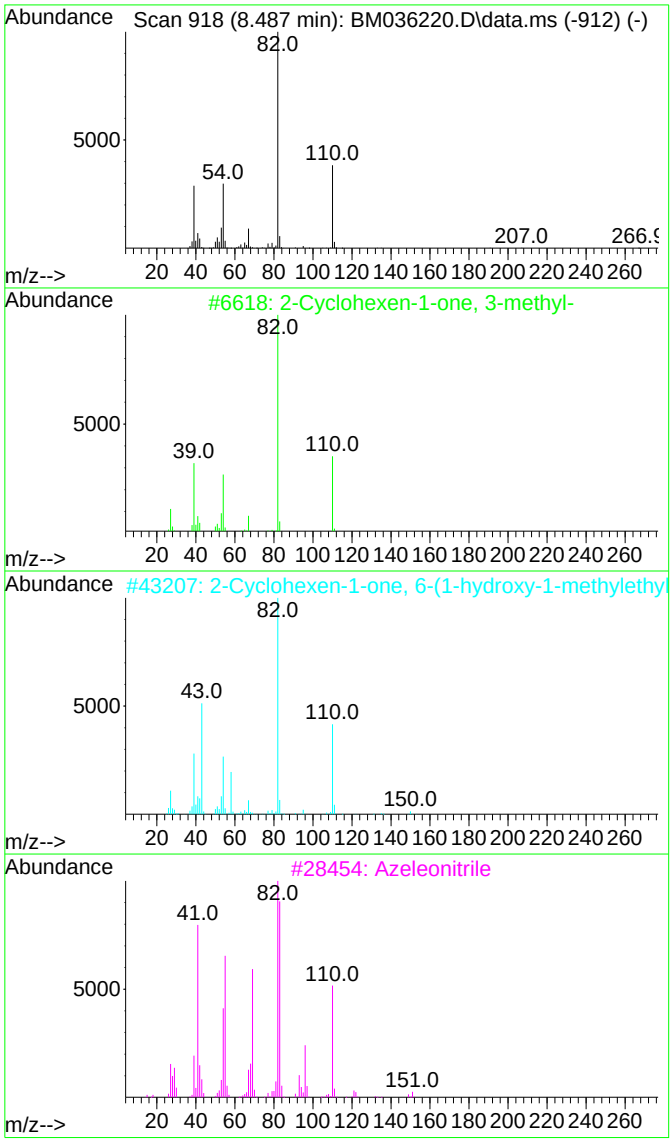
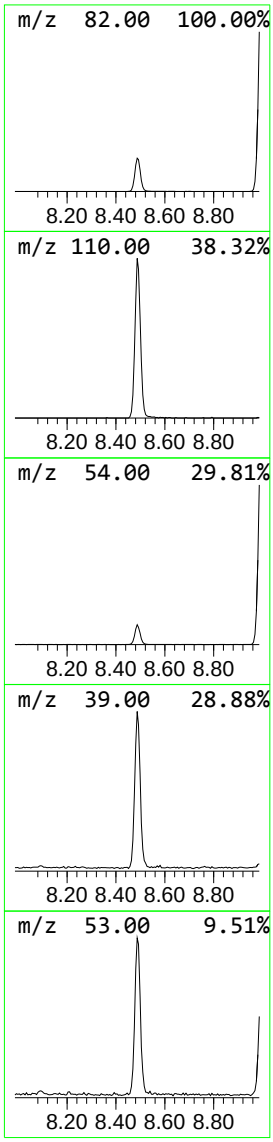
****
Peak Number 4 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.487	8.33 ng	659493	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	94
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	72
3	Azeleonitrile	150	C9H14N2	001675-69-0	56
4	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	50
5	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	40





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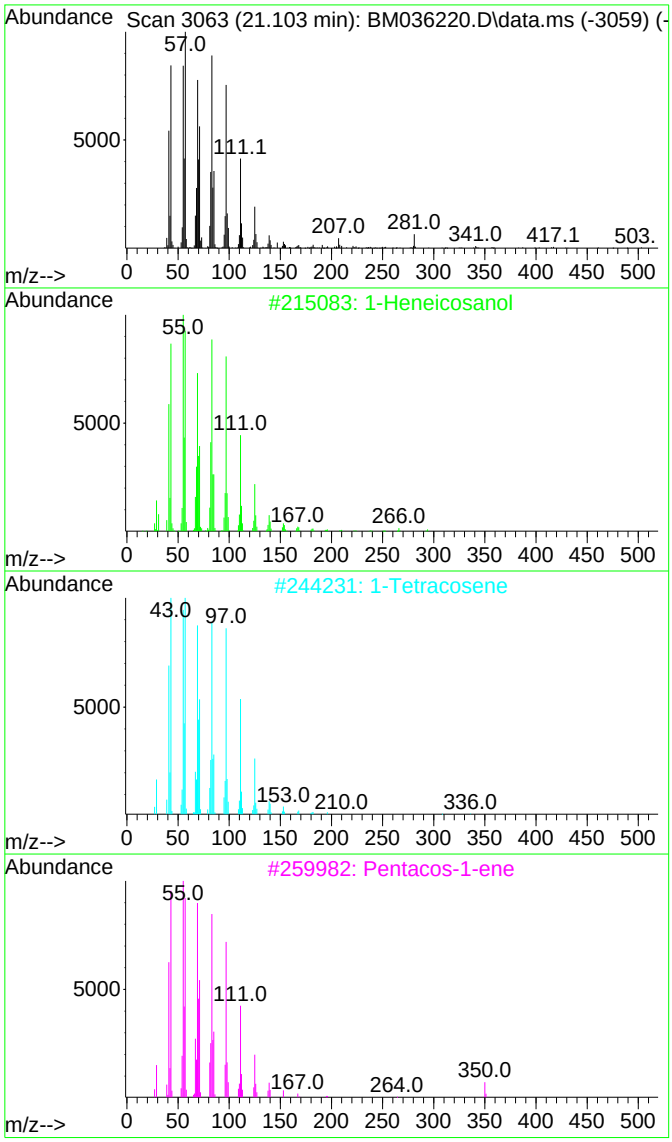
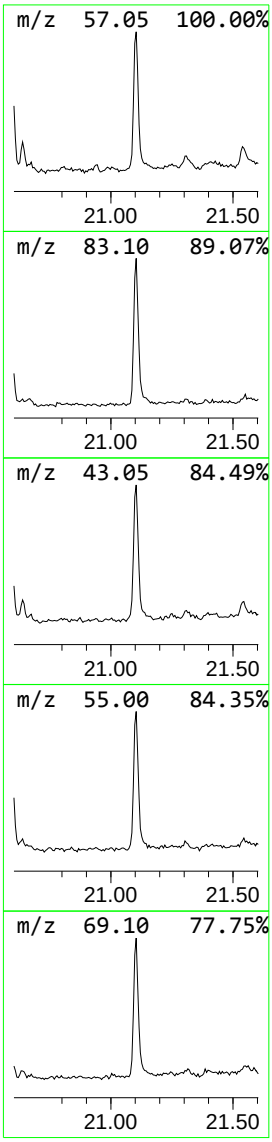
****

Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	3.73 ng	867289	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one,...	3.693	12.1	ng	961175	1	7.822	1583940	20.0
3-Penten-2-one,...	4.328	482.8	ng	38239700	1	7.822	1583940	20.0
2-Pentanone, 4-...	4.946	242.6	ng	19213800	1	7.822	1583940	20.0
2-Cyclohexen-1-...	8.487	8.3	ng	659493	1	7.822	1583940	20.0
1-Heneicosanol	21.103	3.7	ng	867289	5	21.392	4647150	20.0