LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049885.D
Acq On : 17 Aug 2021 19:54
Operator : CG/JU
Sample : M3431-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1

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_G\Methods\8270-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	10	16	30	rVB	98197	196870	13.17%	2.323%
2	5.108	345	352	362	rBV2	34045	58485	3.91%	0.690%
3	5.590	426	434	445	rBV	410745	715402	47.87%	8.441%
4	7.199	701	708	722	rBV	464084	806282	53.95%	9.513%
5	8.027	841	849	856	rBV	126446	217822	14.58%	2.570%
6	9.202	1040	1049	1060	rBV	286825	543261	36.35%	6.410%
7	10.618	1283	1290	1298	rBV5	8617	18777	1.26%	0.222%
8	10.847	1322	1329	1338	rVB	169915	305879	20.47%	3.609%
9	13.297	1739	1746	1755	rVB	788288	1217388	81.47%	14.364%
10	14.677	1974	1981	1988	rBV	251480	397273	26.58%	4.688%
11	16.175	2229	2236	2249	rBV	604678	937937	62.76%	11.067%
12	16.369	2263	2269	2278	rVB2	35620	57624	3.86%	0.680%
13	17.432	2444	2450	2455	rBV	285718	432386	28.93%	5.102%
14	17.474	2455	2457	2462	rVB3	12379	15233	1.02%	0.180%
15	19.488	2794	2800	2804	rBV	63541	98738	6.61%	1.165%
16	19.847	2858	2861	2868	rVB	54447	77306	5.17%	0.912%
17	20.041	2888	2894	2901	rBV	1138297	1494366	100.00%	17.632%
18	21.339	3111	3115	3126	rBV5	52303	103642	6.94%	1.223%
19	21.715	3173	3179	3184	rBV	244417	407633	27.28%	4.810%
20	24.987	3728	3736	3746	rBV2	125010	372847	24.95%	4.399%

Sum of corrected areas: 8475151

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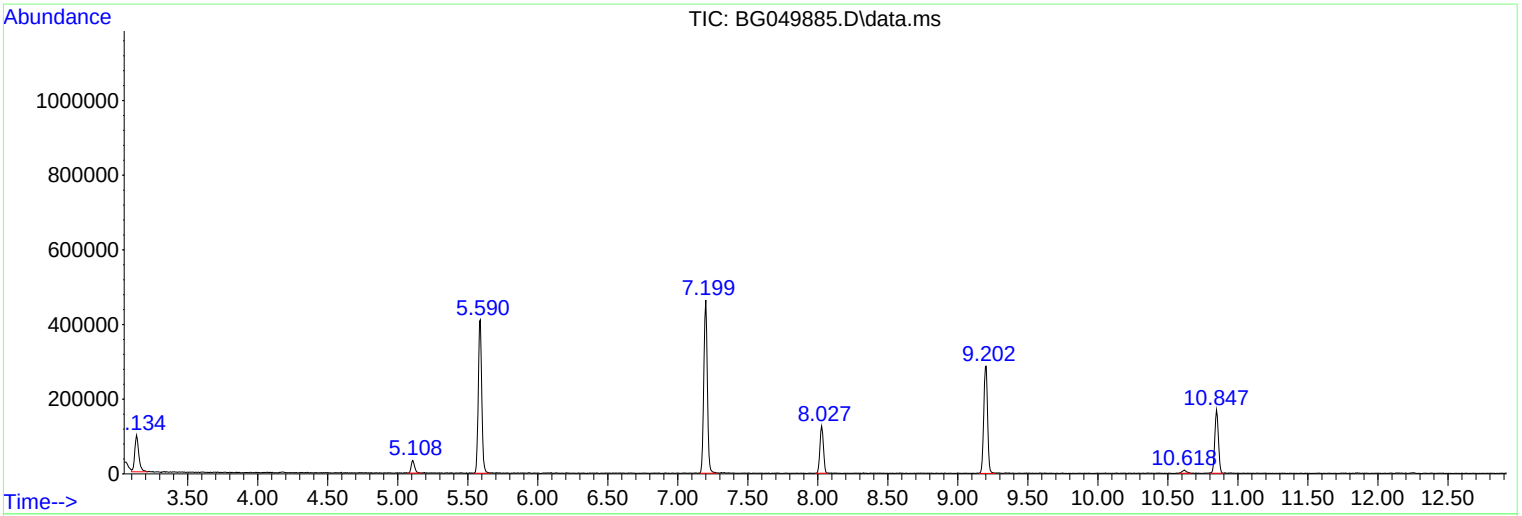
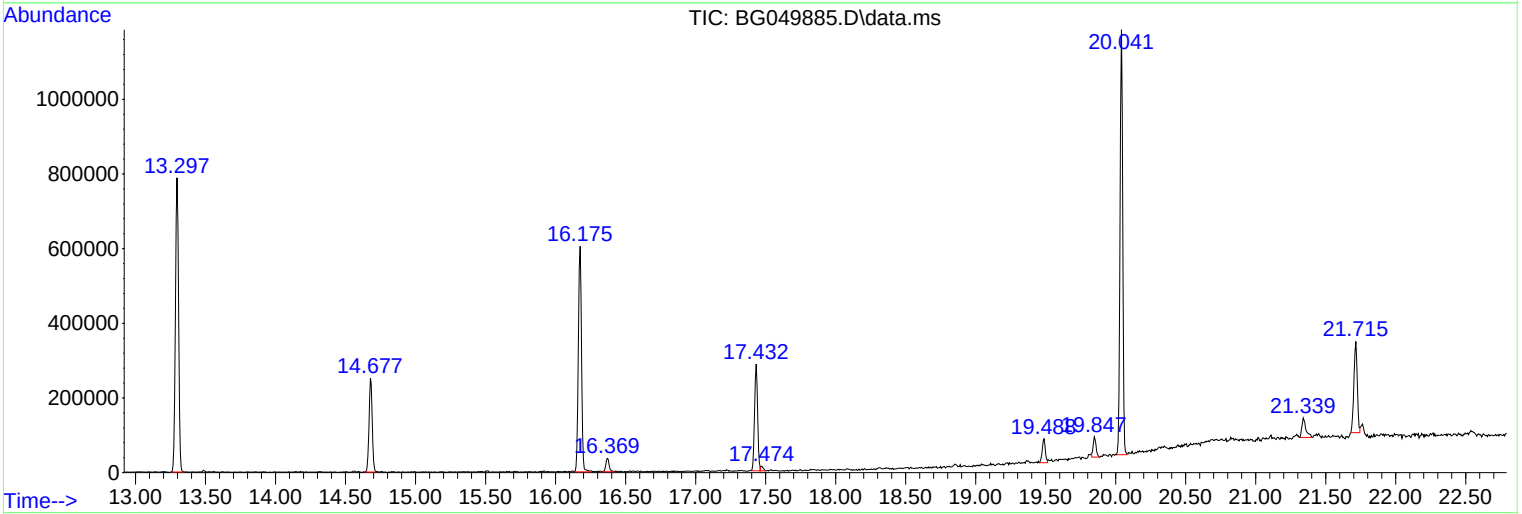
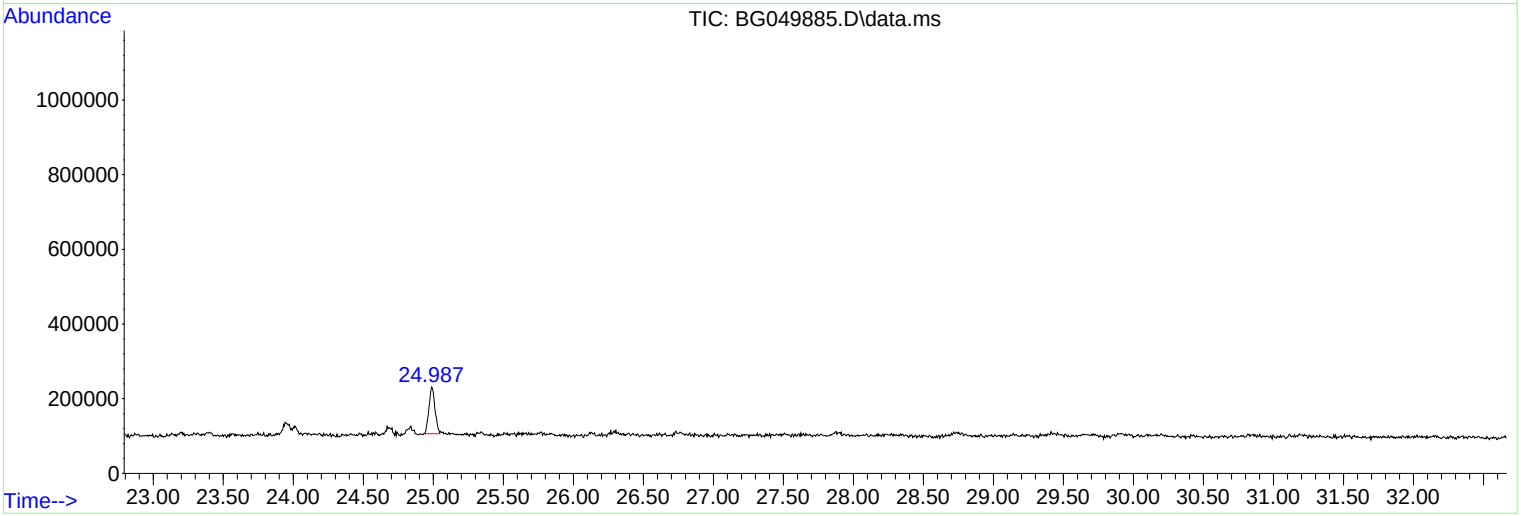
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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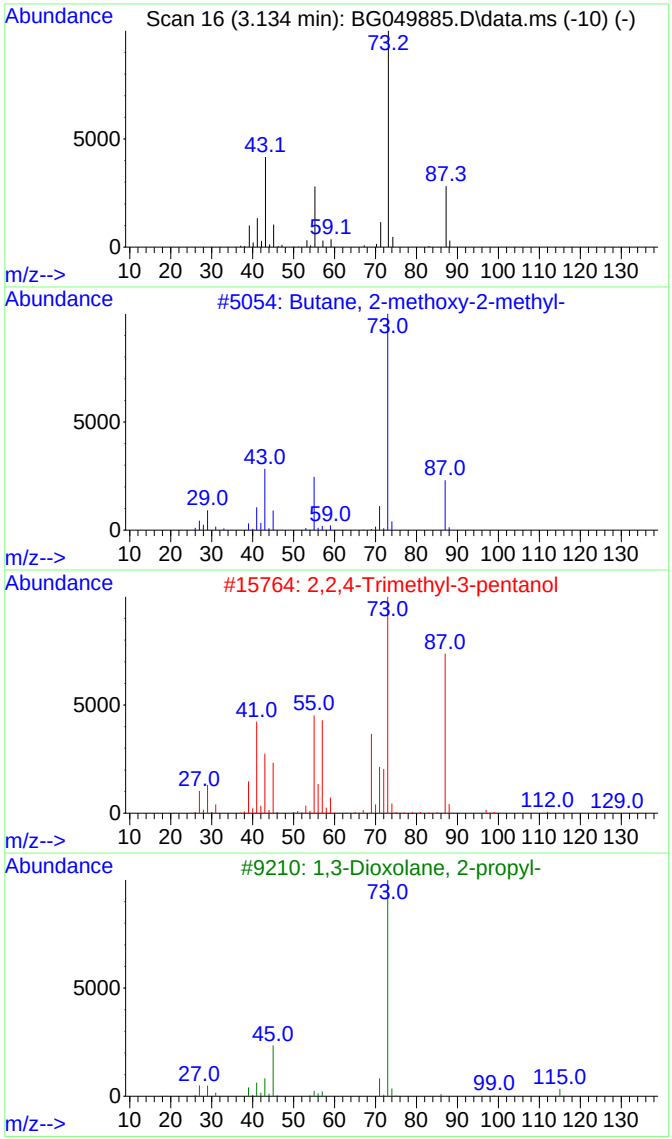
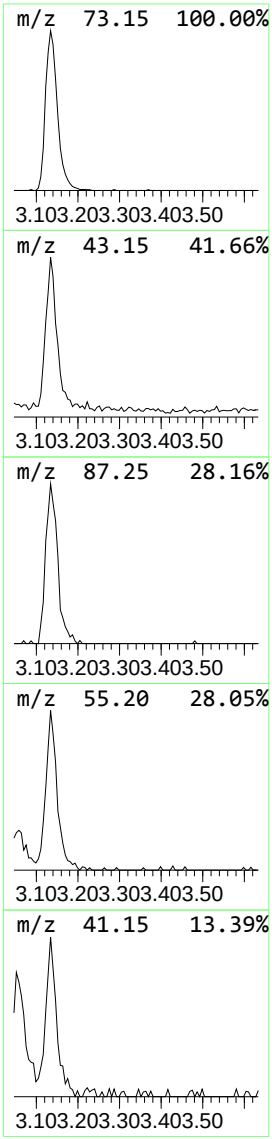
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	18.08 ng	196870	1,4-Dichlorobenzene-d4	8.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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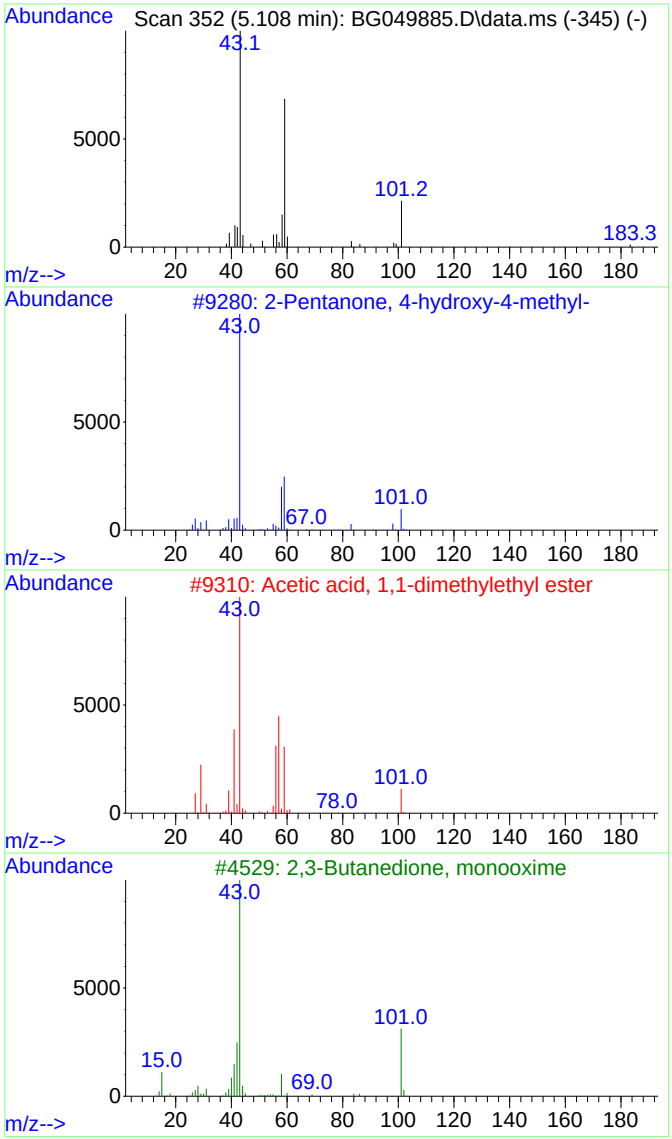
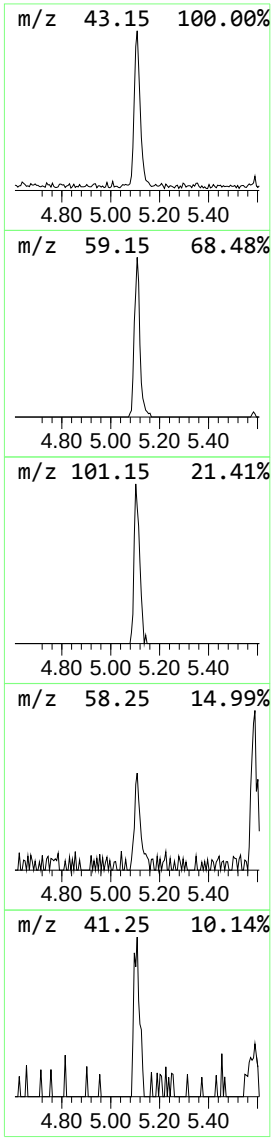
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.108	5.37 ng	58485	1,4-Dichlorobenzene-d4	8.027

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	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Octanol	130	C8H18O	000589-98-0	33
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	25





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Sample : M3431-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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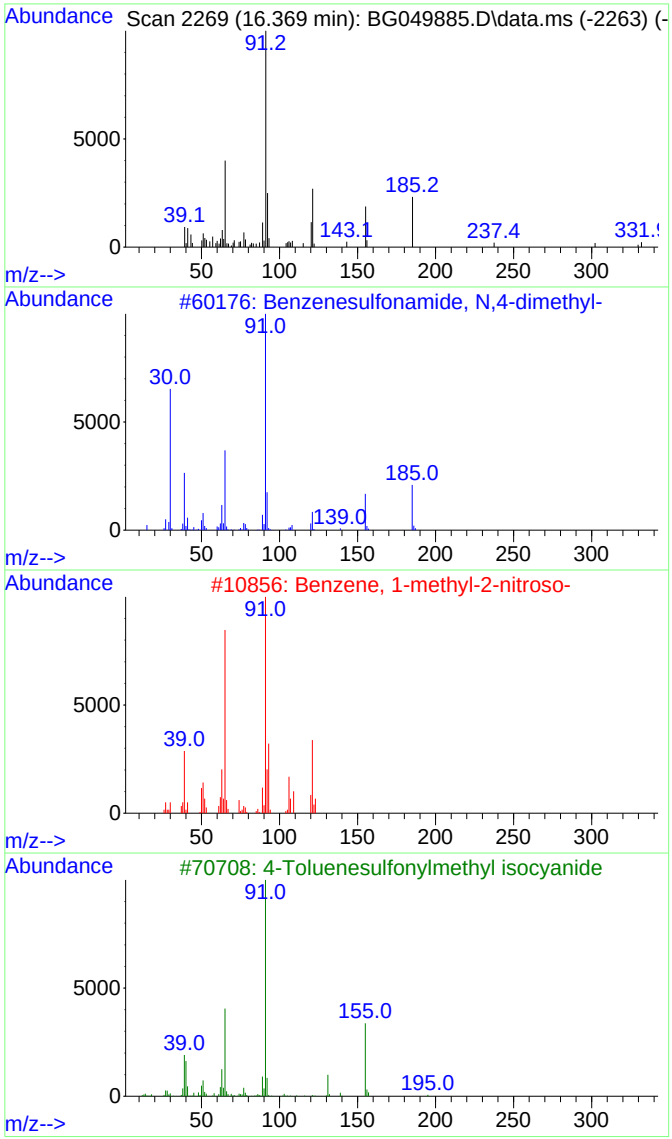
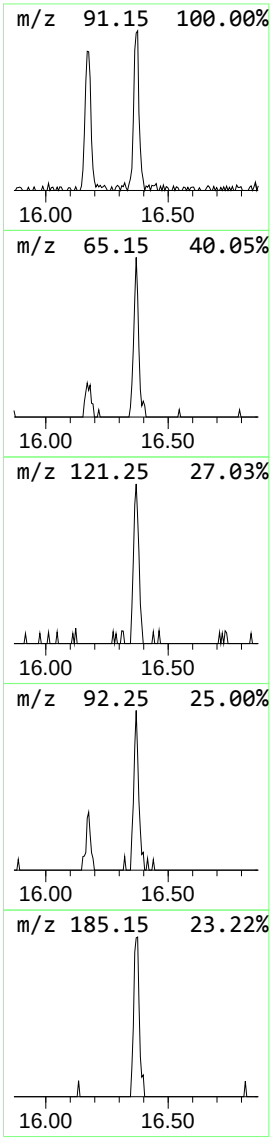
****
Peak Number 3 Benzenesulfonamide, N,4-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.369	2.67 ng	57624	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	91
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	87
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	64
4	Benzeneethanamine	121	C8H11N	000064-04-0	64
5	3,5-Dichloro-4-benzyloxybromoben...	330	C13H9BrCl2O	155891-94-4	59





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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
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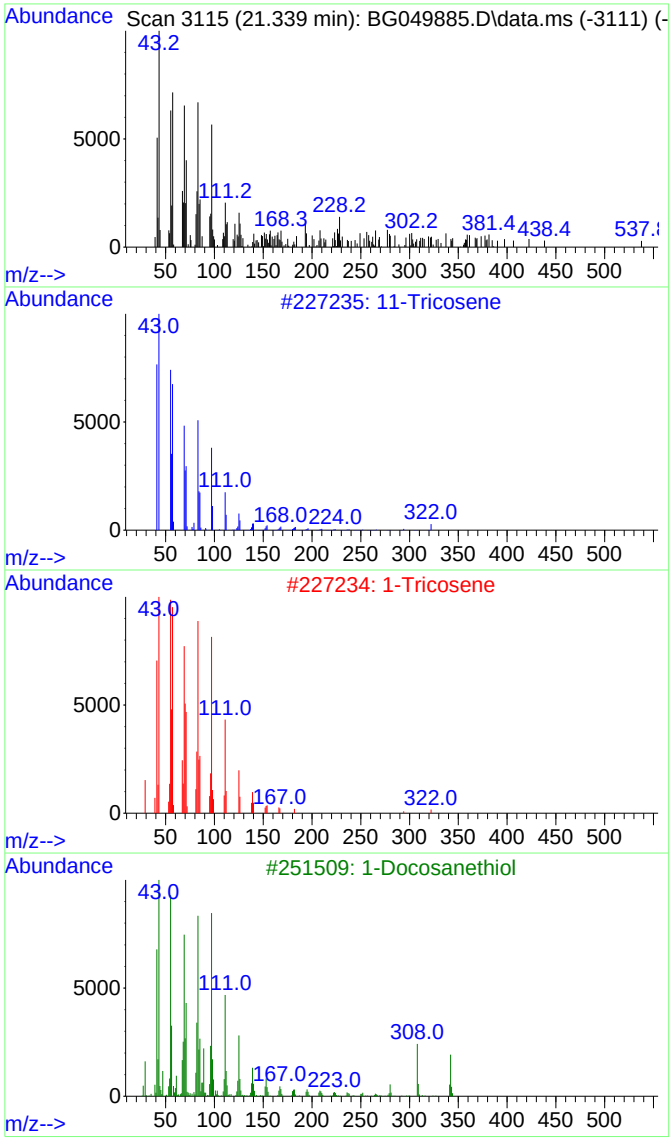
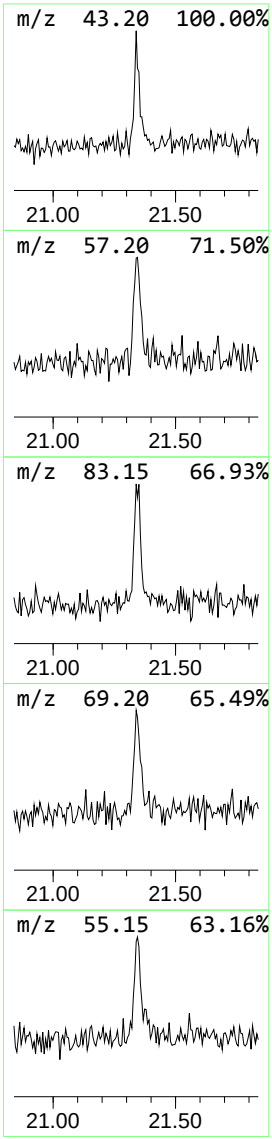
****

Peak Number 4 11-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	5.09 ng	103642	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	93
2	1-Tricosene	322	C23H46	018835-32-0	81
3	1-Docosanethiol	342	C22H46S	007773-83-3	81
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	81
5	Heptacos-1-ene	378	C27H54	015306-27-1	74





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...	3.134	18.1	ng	196870	1	8.027	217822	20.0
2-Pentanone, 4-...	5.108	5.4	ng	58485	1	8.027	217822	20.0
Benzenesulfonam...	16.369	2.7	ng	57624	4	17.432	432386	20.0
11-Tricosene	21.339	5.1	ng	103642	5	21.715	407633	20.0