LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049880.D
Acq On : 17 Aug 2021 16:27
Operator : CG/JU
Sample : M3431-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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: BG049880.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	11	16	30	rVB2	60792	118984	11.89%	1.954%
2	5.106	346	352	362	rBV	26604	47101	4.71%	0.774%
3	5.581	426	433	441	rBV	252565	433628	43.32%	7.123%
4	7.197	700	708	718	rBV	284697	509754	50.92%	8.373%
5	8.025	842	849	856	rBV2	116327	201360	20.12%	3.307%
6	9.194	1041	1048	1057	rBV	188951	342086	34.17%	5.619%
7	10.610	1284	1289	1298	rBV3	5966	12953	1.29%	0.213%
8	10.845	1321	1329	1337	rBV	147908	284171	28.39%	4.668%
9	13.294	1739	1746	1755	rVB	505452	791780	79.10%	13.005%
10	14.681	1975	1982	1990	rVB	236895	383013	38.26%	6.291%
11	16.173	2229	2236	2243	rBV2	386325	613443	61.28%	10.076%
12	17.436	2444	2451	2458	rBV	269781	428340	42.79%	7.036%
13	19.486	2796	2800	2806	rVB	32504	42511	4.25%	0.698%
14	19.844	2859	2861	2868	rVB2	29522	44180	4.41%	0.726%
15	20.044	2889	2895	2900	rVB	745420	1001029	100.00%	16.442%
16	21.342	3112	3116	3122	rBV7	32968	53673	5.36%	0.882%
17	21.718	3174	3180	3185	rBV	227811	373121	37.27%	6.129%
18	24.990	3730	3737	3747	rVB	138415	407006	40.66%	6.685%

Sum of corrected areas: 6088133

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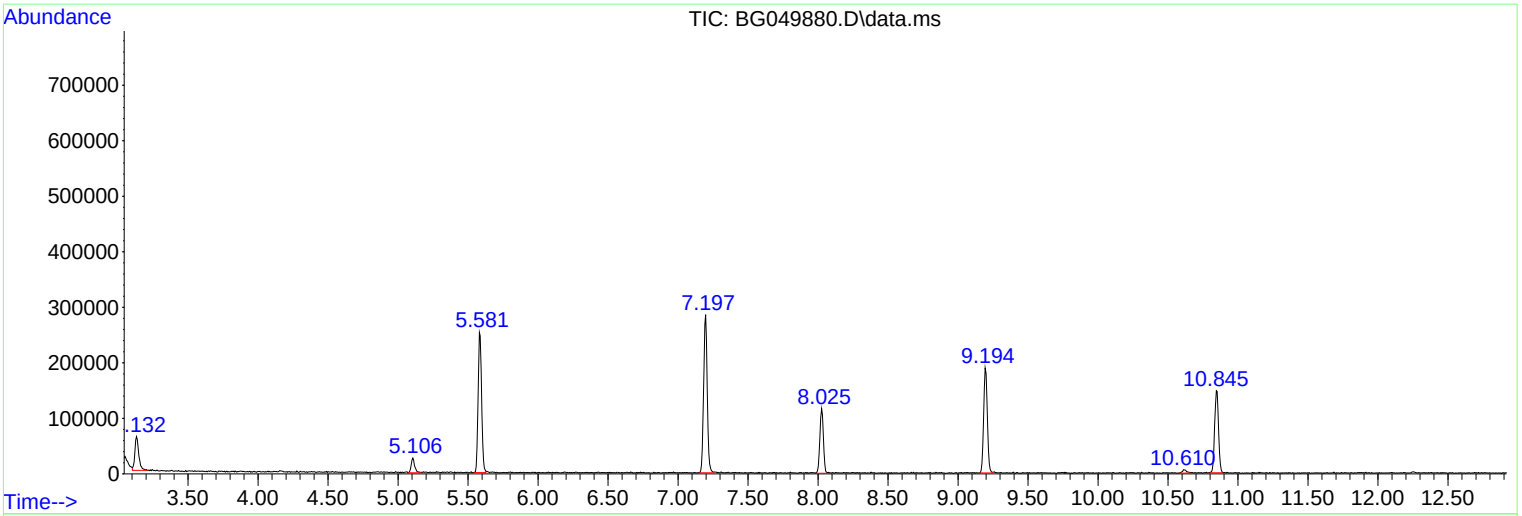
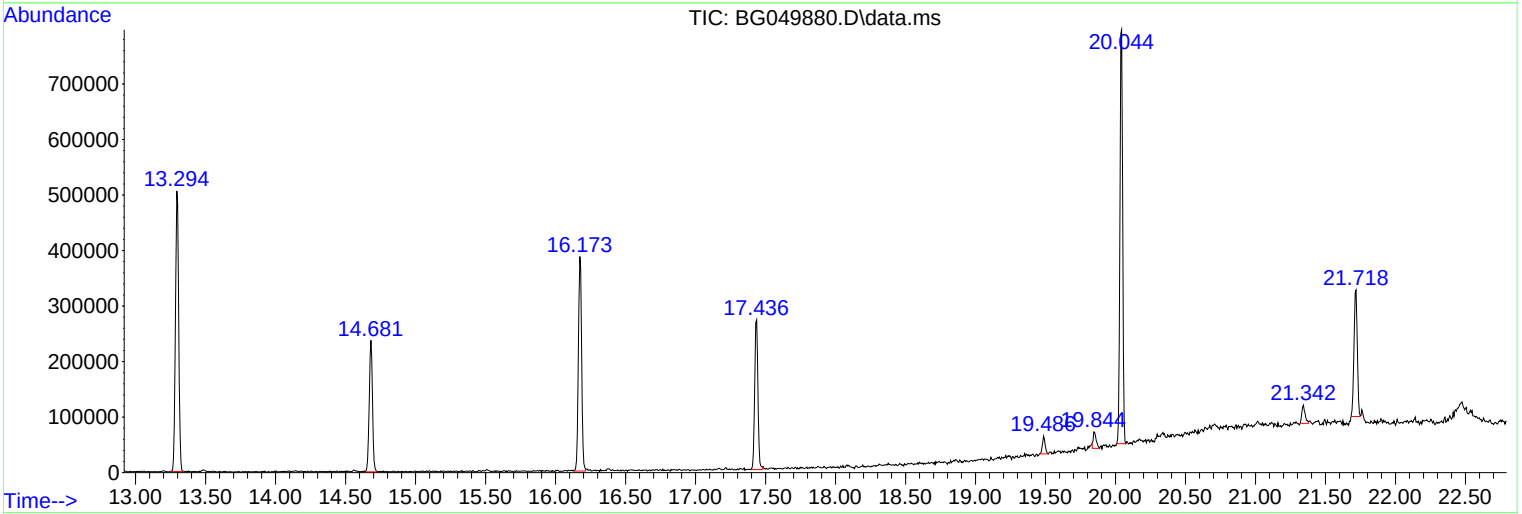
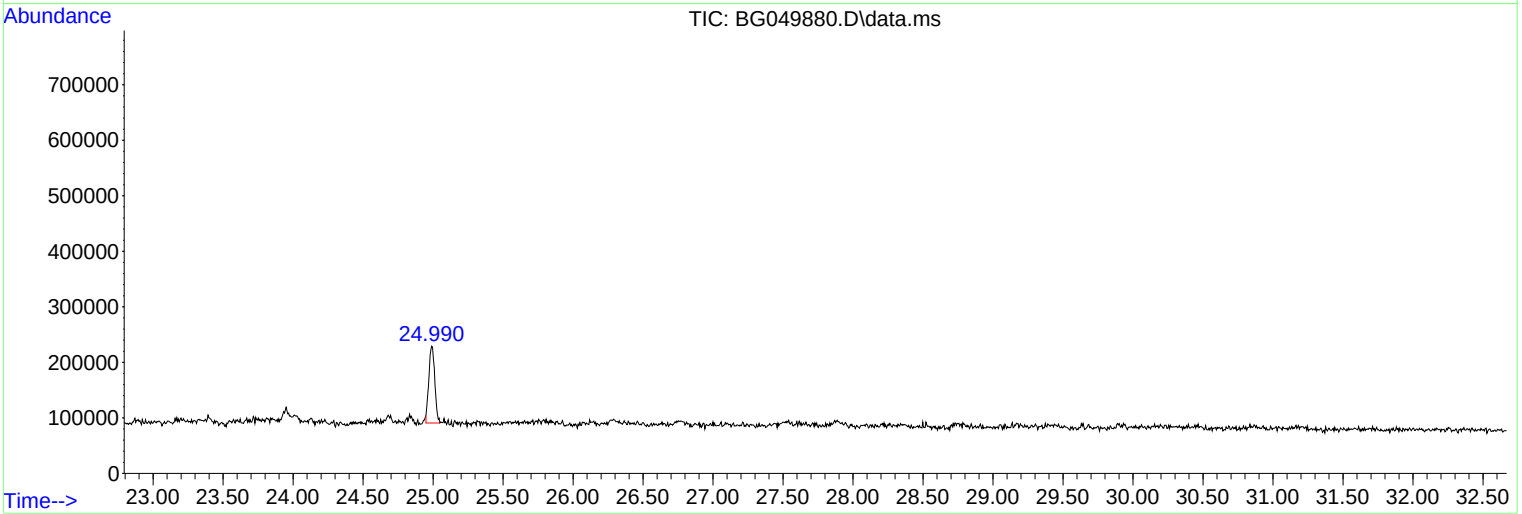
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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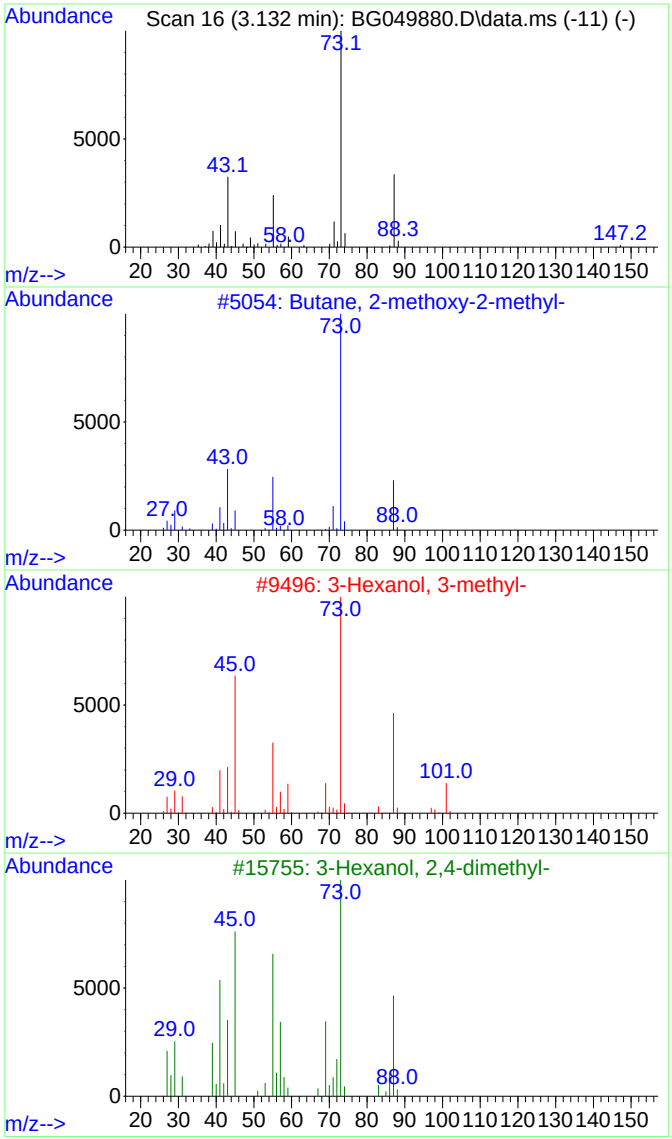
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

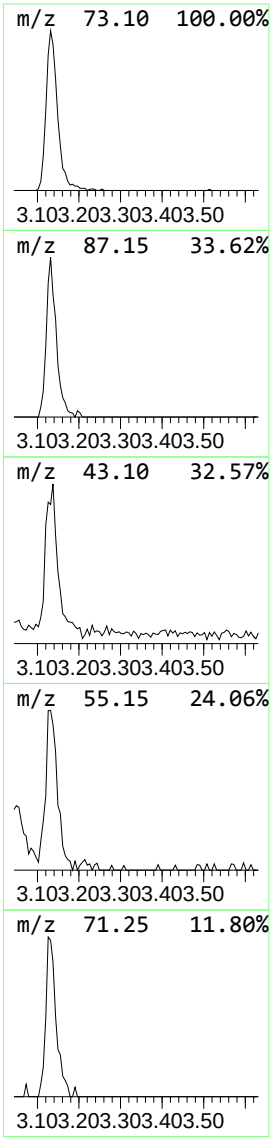
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.132	11.82 ng	118984	1,4-Dichlorobenzene-d4	8.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	40
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	39
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	28
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9





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Instrument : BNA_G
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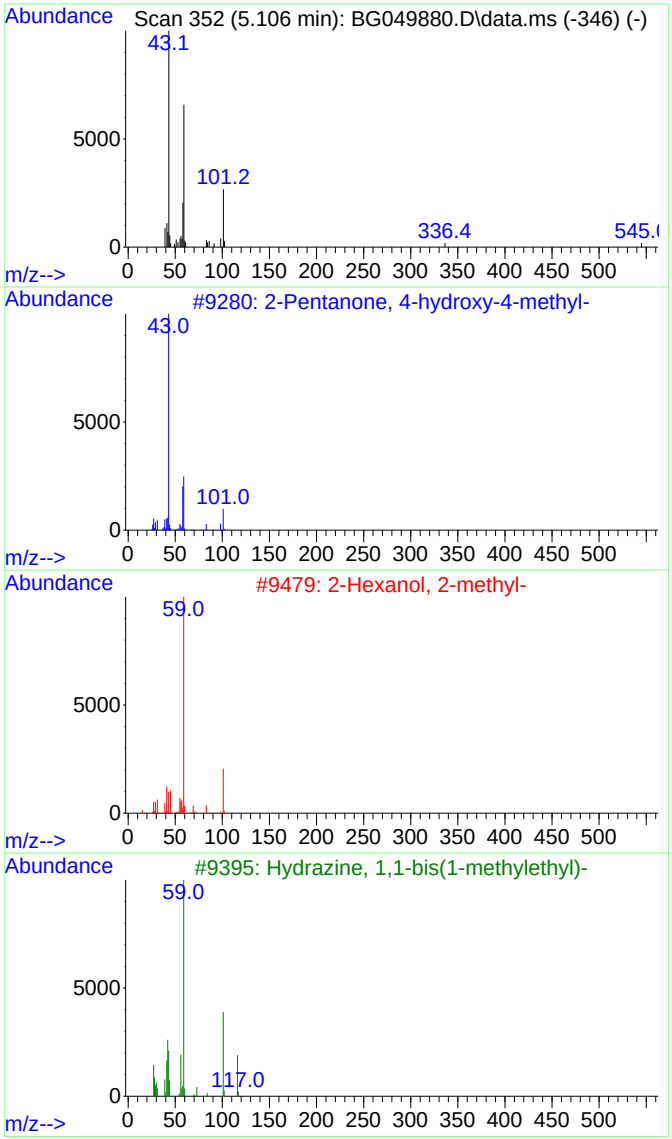
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

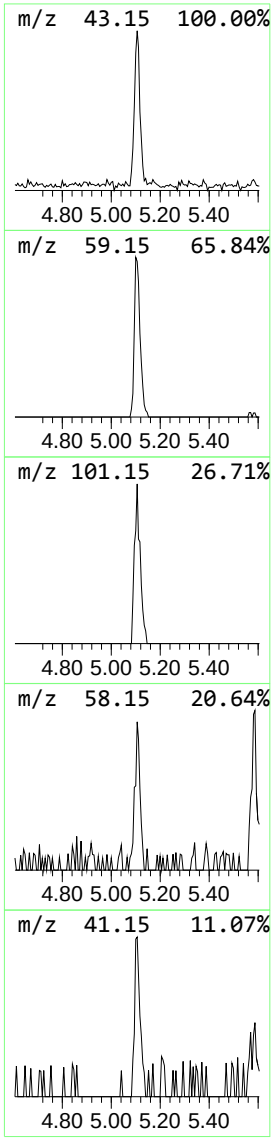
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.106	4.68 ng	47101	1,4-Dichlorobenzene-d4	8.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	25
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





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Sample : M3431-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4

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

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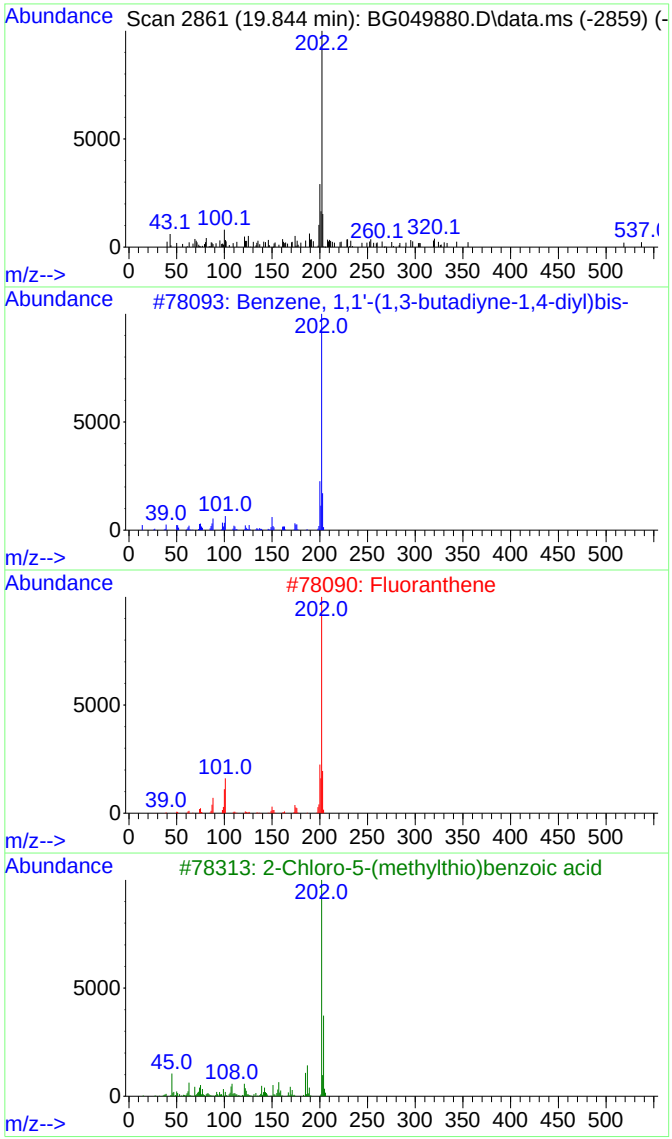
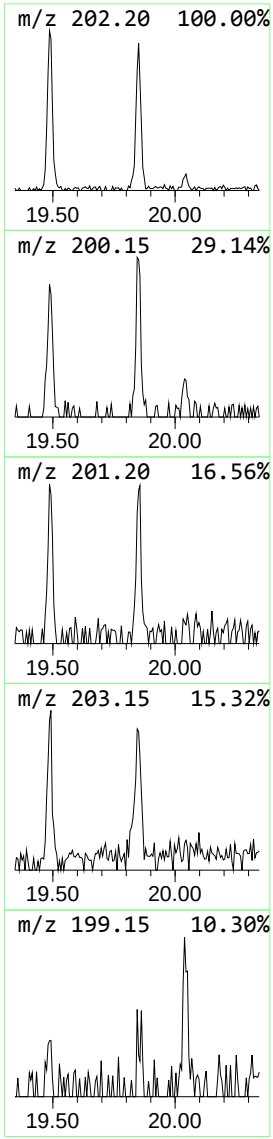
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.844	2.37 ng	44180	Chrysene-d12	21.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	58
2	Fluoranthene	202	C16H10	000206-44-0	58
3	2-Chloro-5-(methylthio)benzoic acid	202	C8H7ClO2S	051546-12-4	47
4	Pyrene	202	C16H10	000129-00-0	42
5	Pyrimidine, 4-methoxy-6-(2-hydro...	202	C11H10N2O2	097630-79-0	40





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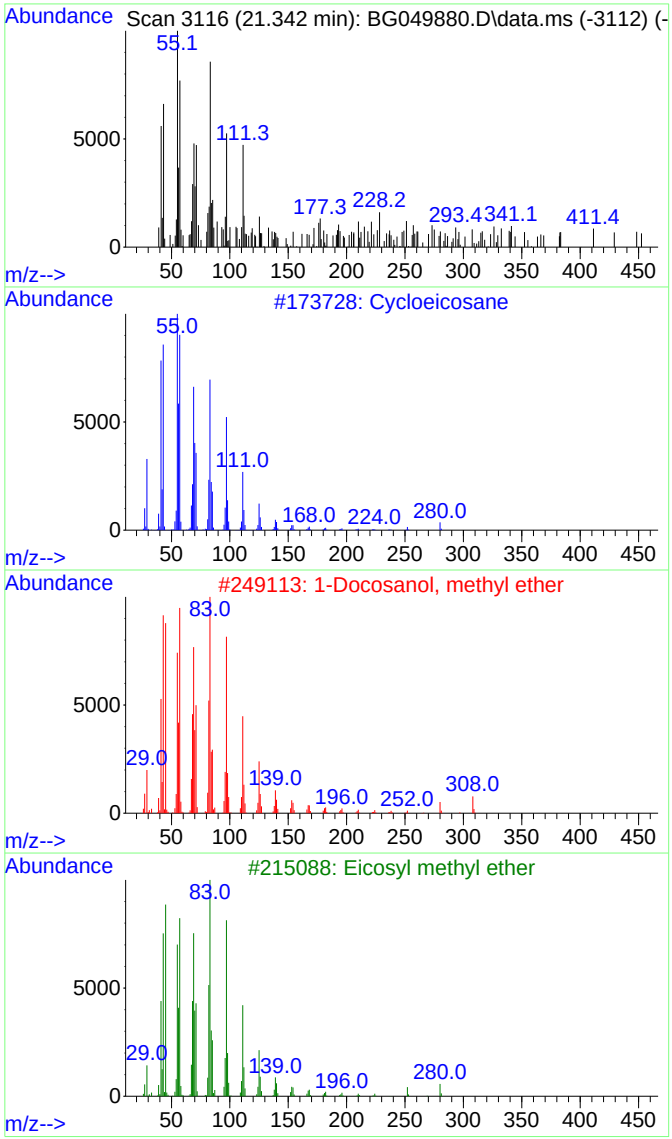
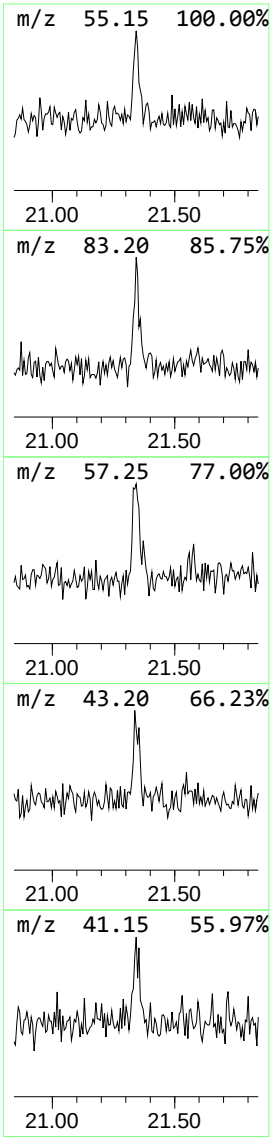
****

Peak Number 4 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	2.88 ng	53673	Chrysene-d12	21.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	64
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	64
3	Eicosyl methyl ether	312	C21H44O	1000406-29-4	64
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	62
5	Cyclotetracosane	336	C24H48	000297-03-0	58





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...	3.132	11.8	ng	118984	1	8.025	201360	20.0
2-Pentanone, 4-...	5.106	4.7	ng	47101	1	8.025	201360	20.0
Benzene, 1,1'-(...	19.844	2.4	ng	44180	5	21.718	373121	20.0
Cycloeicosane	21.342	2.9	ng	53673	5	21.718	373121	20.0