LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
Data File : BG056191.D
Acq On : 3 Jan 2023 18:22
Operator : CG/JU
Sample : N6239-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1S

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	7	13	28	rVB	98771	182532	5.61%	1.178%
2	5.380	349	356	366	rVB	145049	233224	7.17%	1.505%
3	5.861	431	438	448	rBV	656958	1056581	32.49%	6.819%
4	7.477	705	713	723	rBV	644732	1149215	35.33%	7.417%
5	8.341	853	860	867	rVB	191693	320936	9.87%	2.071%
6	9.510	1052	1059	1069	rVB	384750	683255	21.01%	4.410%
7	11.173	1334	1342	1352	rBV	263035	467754	14.38%	3.019%
8	13.576	1743	1751	1759	rBV	1455708	2191357	67.38%	14.143%
9	14.951	1977	1985	1992	rVB	488110	757001	23.28%	4.886%
10	16.425	2229	2236	2244	rBV	1044130	1557481	47.89%	10.052%
11	17.683	2442	2450	2457	rBV	621809	959900	29.51%	6.195%
12	18.529	2589	2594	2602	rBV	166583	232565	7.15%	1.501%
13	19.780	2803	2807	2813	rBV3	45021	63884	1.96%	0.412%
14	20.256	2881	2888	2895	rBV	2461339	3252378	100.00%	20.991%
15	21.561	3106	3110	3120	rVB3	103344	178763	5.50%	1.154%
16	21.666	3124	3128	3134	rVB	44204	66064	2.03%	0.426%
17	21.984	3175	3182	3188	rVB	596824	1021735	31.42%	6.594%
18	23.746	3478	3482	3490	rVB2	34211	66927	2.06%	0.432%
19	25.444	3761	3771	3782	rVB3	342857	1052947	32.37%	6.796%

Sum of corrected areas: 15494499

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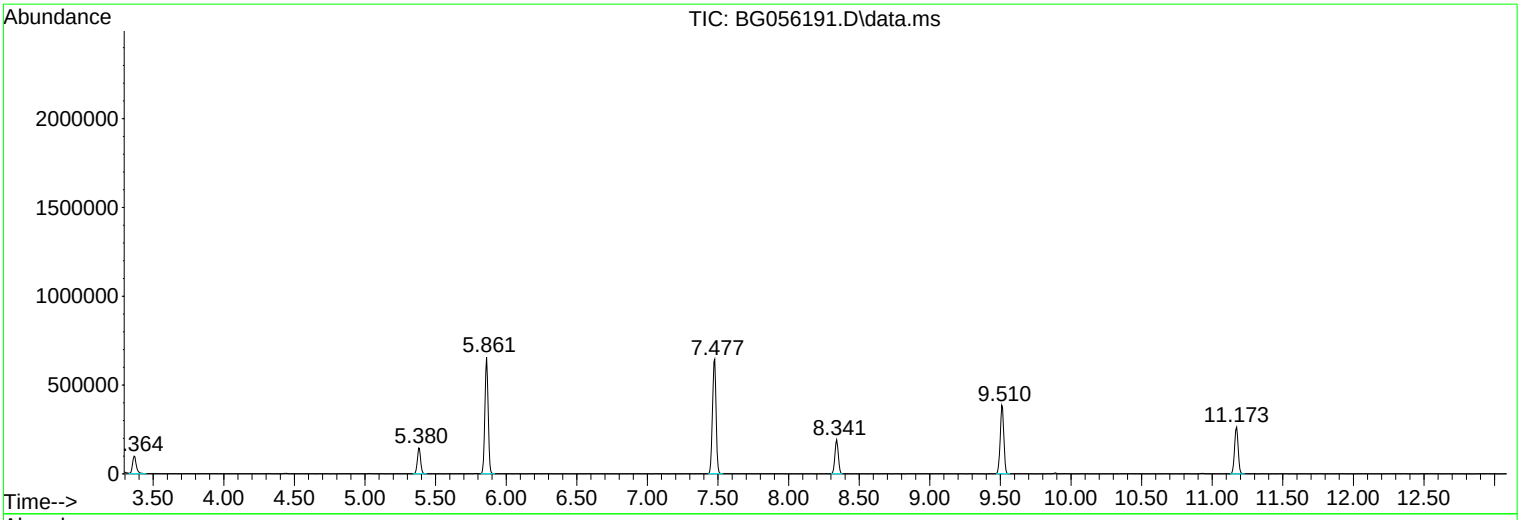
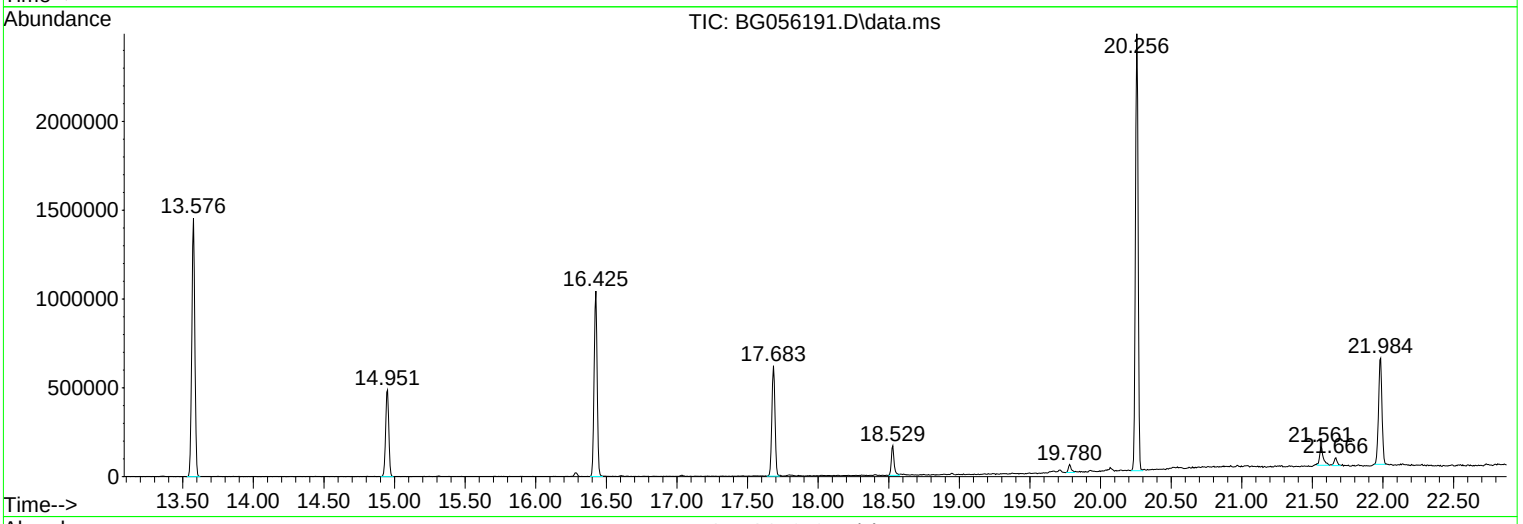
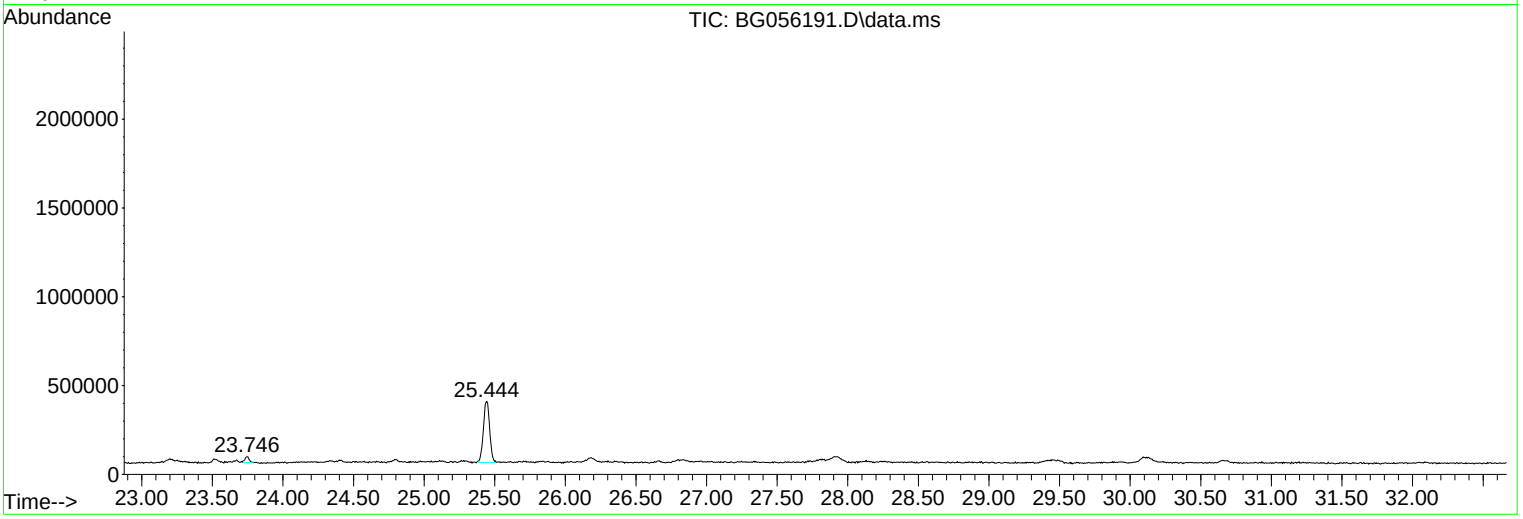
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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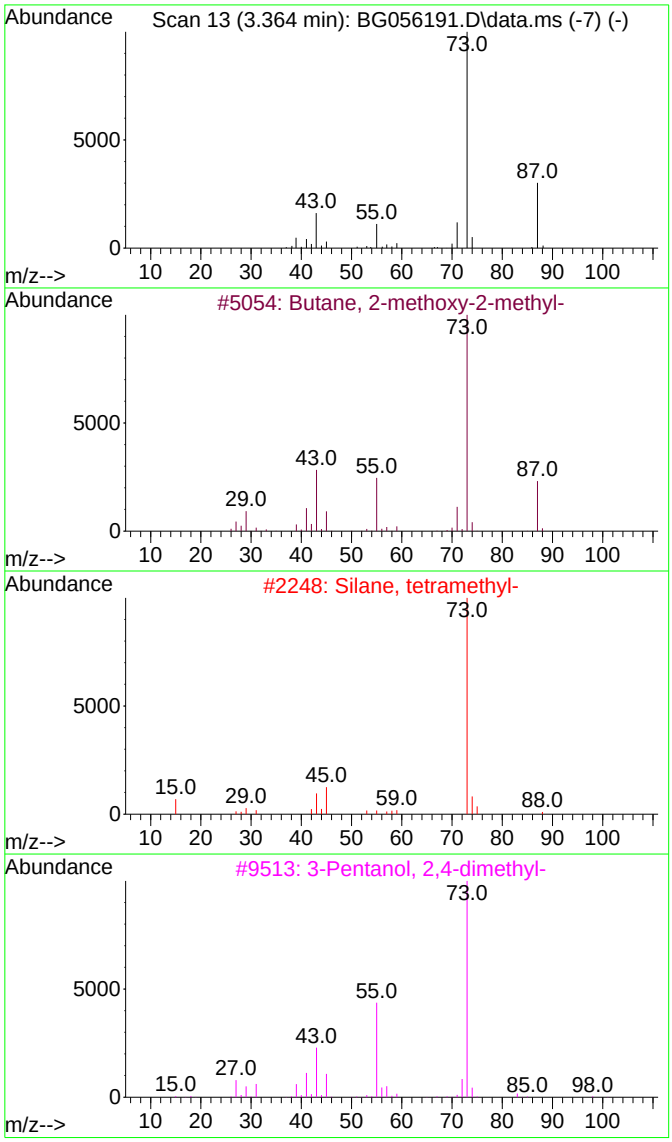
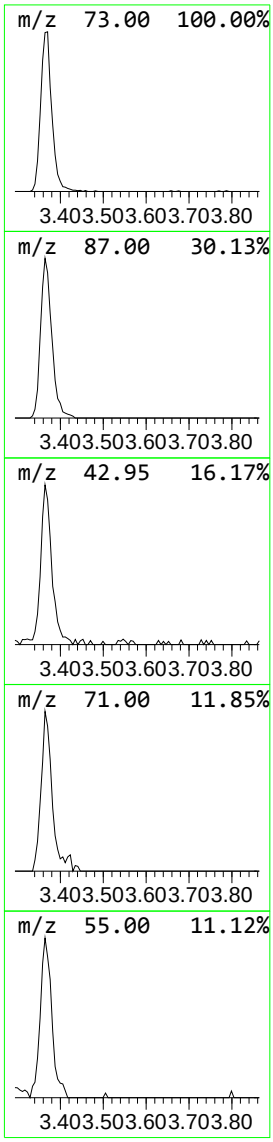
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.364	11.38 ng	182532	1,4-Dichlorobenzene-d4	8.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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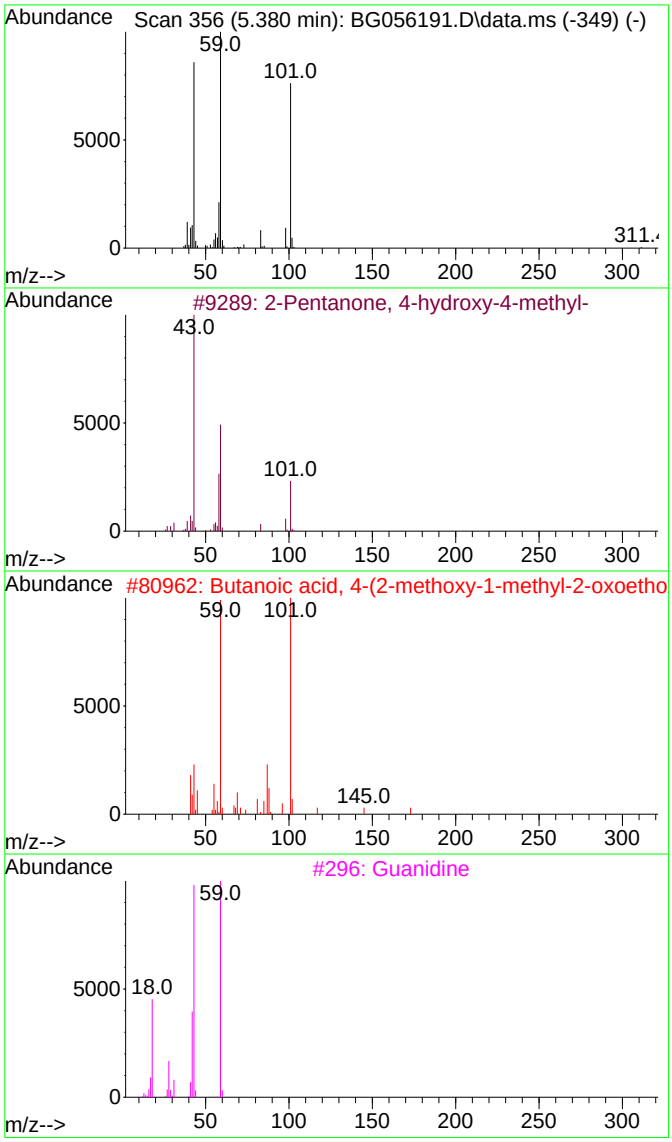
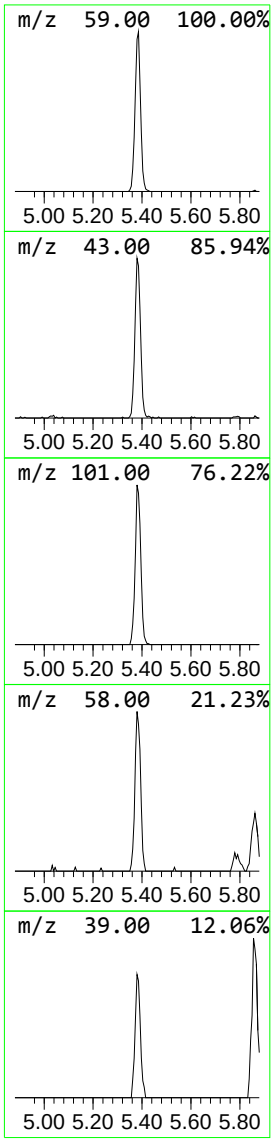
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.380	14.53 ng	233224	1,4-Dichlorobenzene-d4	8.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	45
3	Guanidine	59	CH5N3	000113-00-8	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	22
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





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Instrument :
BNA_G
ClientSampleId :
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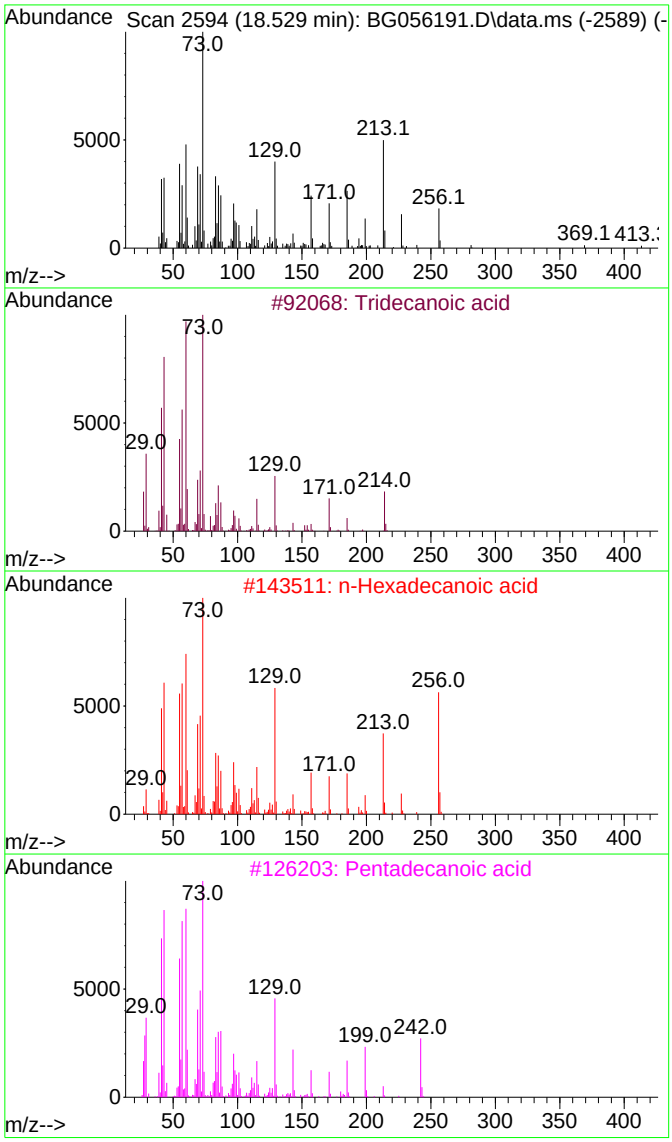
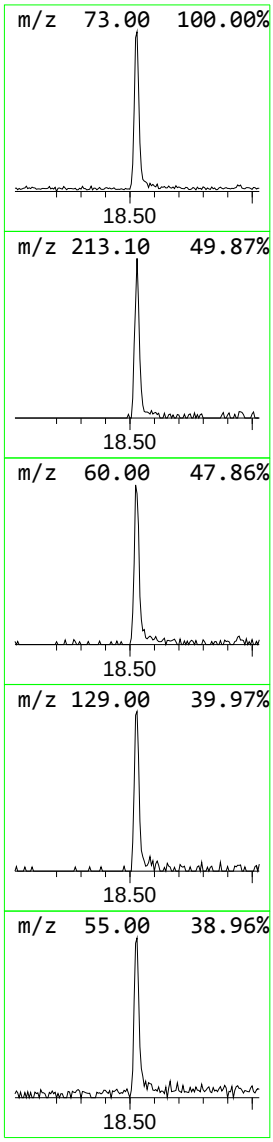
Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.529	4.85 ng	232565	Phenanthrene-d10	17.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	78
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Octadecanoic acid	284	C18H36O2	000057-11-4	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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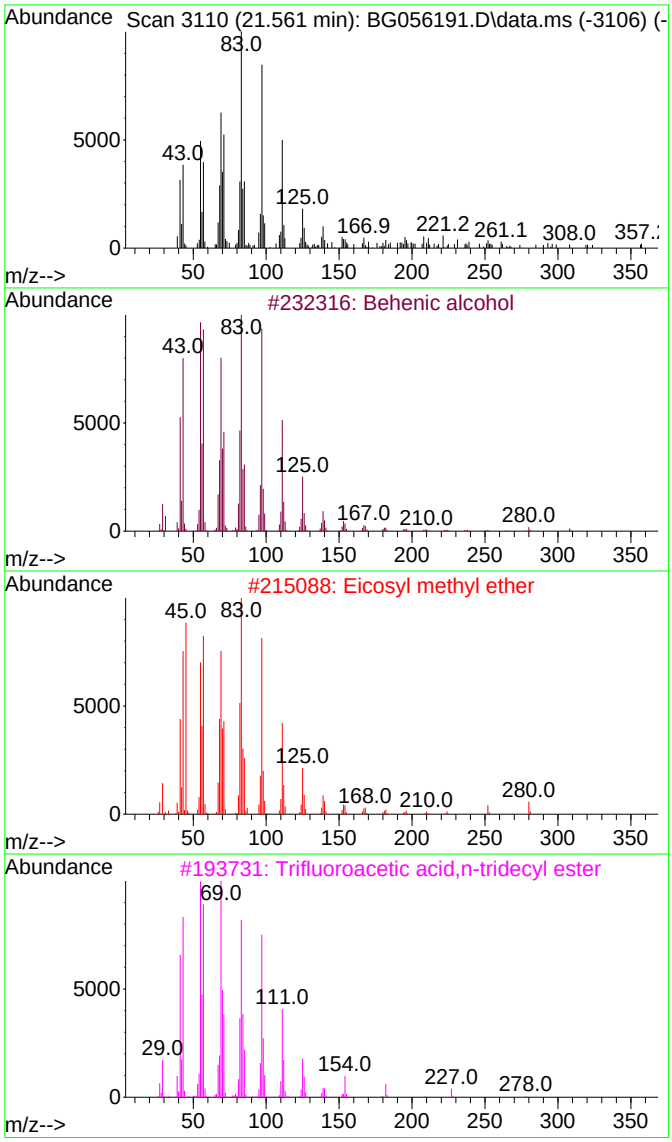
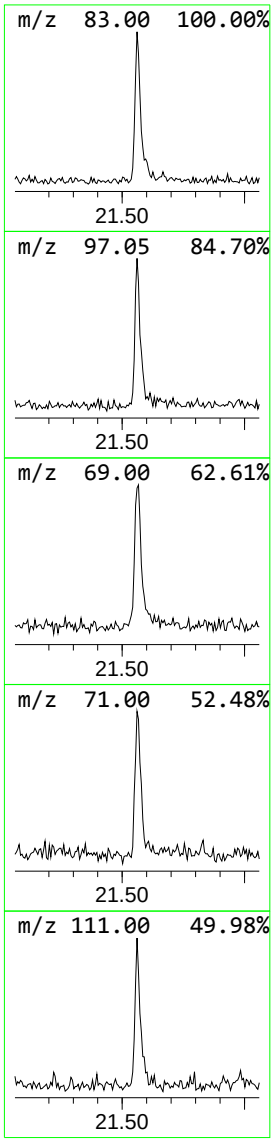
Peak Number 4 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.561	3.50 ng	178763	Chrysene-d12	21.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	80
2	Eicosyl methyl ether	312	C21H44O	1000406-29-4	78
3	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	72
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	52
5	1-Nonadecene	266	C19H38	018435-45-5	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...	3.364	11.4	ng	182532	1	8.341	320936	20.0
2-Pentanone, 4-...	5.380	14.5	ng	233224	1	8.341	320936	20.0
Tridecanoic acid	18.529	4.8	ng	232565	4	17.683	959900	20.0
Behenic alcohol	21.561	3.5	ng	178763	5	21.984	1021740	20.0