LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053655.D
Acq On : 20 May 2022 22:21
Operator : CG/JU
Sample : N2959-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
284

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.638	377	383	395	rBV	532306	913827	47.90%	8.941%
2	7.242	649	656	669	rBV	576304	1050456	55.06%	10.277%
3	8.070	791	797	804	rBV	139962	238105	12.48%	2.330%
4	9.233	987	995	1003	rBV	378880	683054	35.80%	6.683%
5	10.637	1227	1234	1251	rBV	147921	263663	13.82%	2.580%
6	10.878	1265	1275	1286	rBV	182307	344435	18.05%	3.370%
7	13.322	1683	1691	1697	rBV	963981	1533961	80.41%	15.008%
8	13.586	1731	1736	1741	rBV2	16291	25472	1.34%	0.249%
9	14.697	1914	1925	1934	rBV	299463	480368	25.18%	4.700%
10	16.189	2172	2179	2192	rBV	678311	1075240	56.36%	10.520%
11	17.446	2387	2393	2403	rBV	336666	531309	27.85%	5.198%
12	18.092	2499	2503	2509	rVB	31796	42566	2.23%	0.416%
13	18.327	2539	2543	2549	rBV6	30038	55274	2.90%	0.541%
14	19.255	2698	2701	2706	rVB2	45879	57188	3.00%	0.560%
15	20.048	2830	2836	2841	rBV	1421200	1907723	100.00%	18.665%
16	21.346	3053	3057	3062	rBV3	39920	67698	3.55%	0.662%
17	21.722	3115	3121	3126	rBV	300301	491170	25.75%	4.805%
18	24.994	3671	3678	3690	rVB2	153863	459586	24.09%	4.496%

Sum of corrected areas: 10221095

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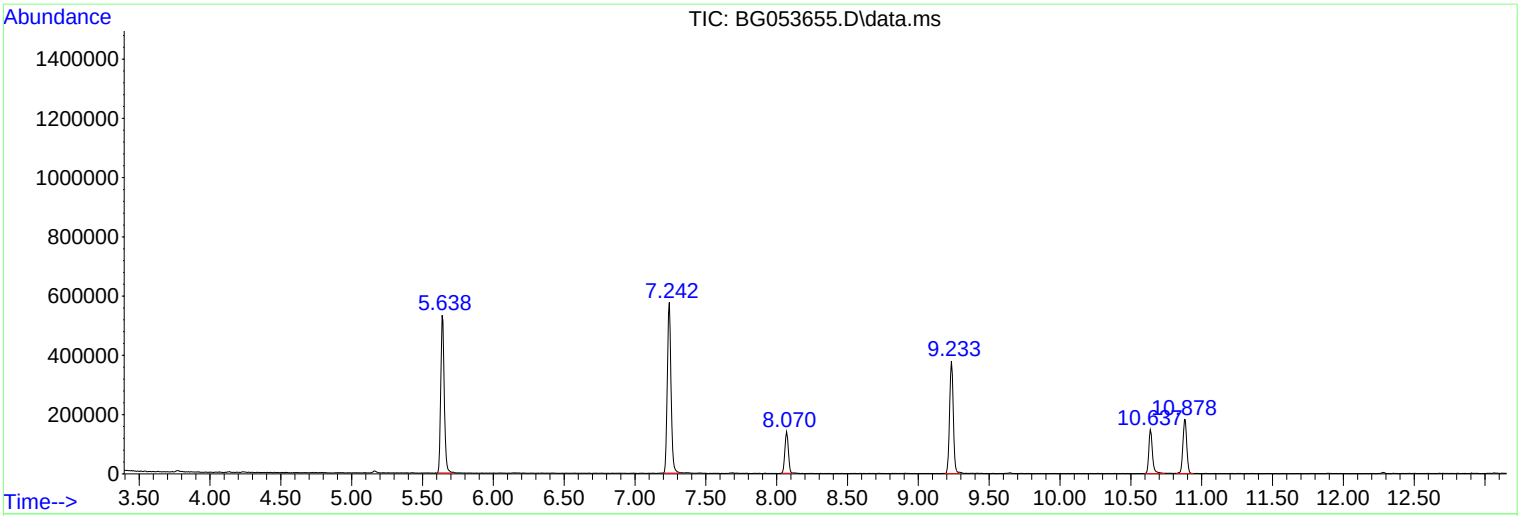
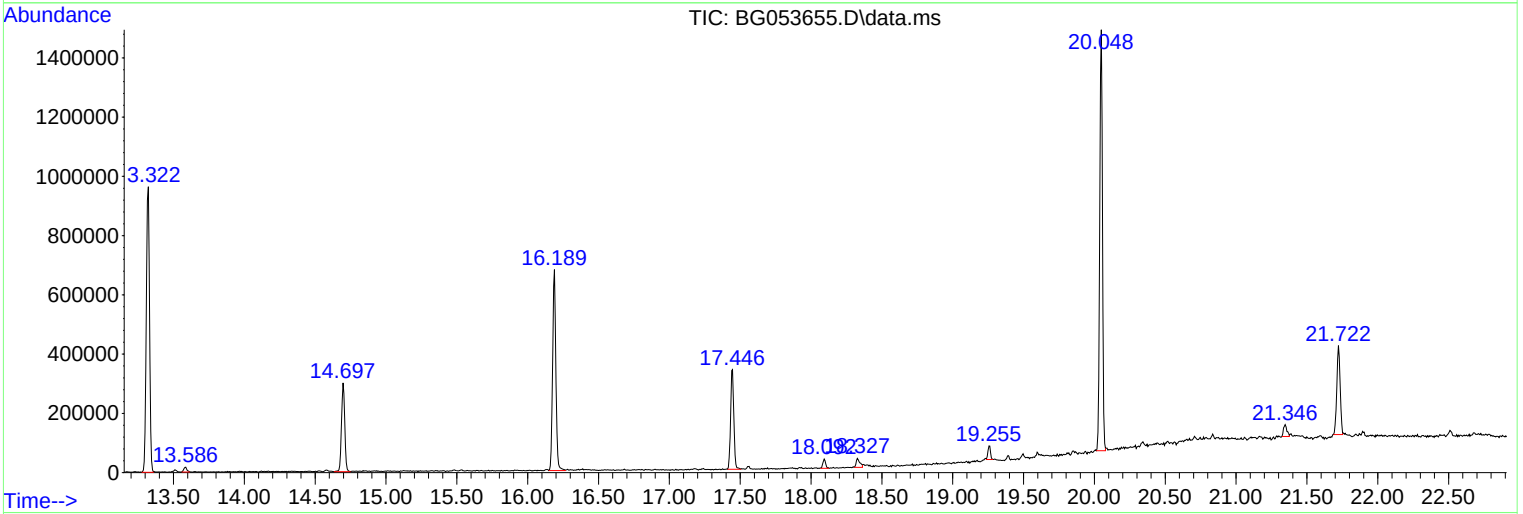
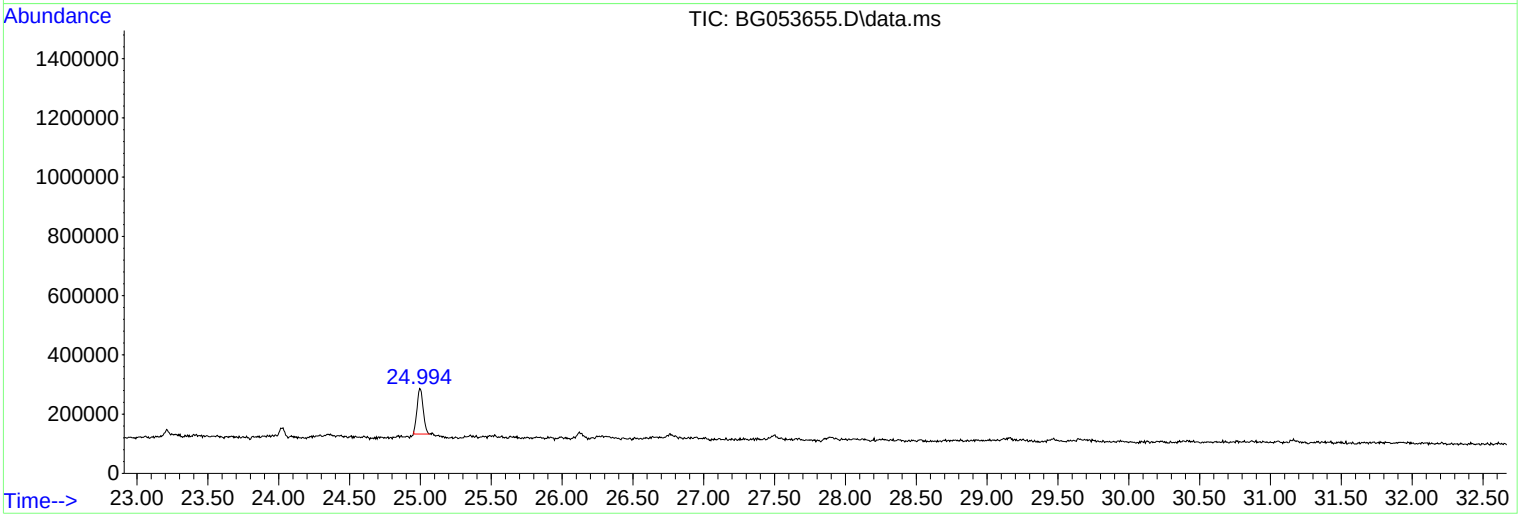
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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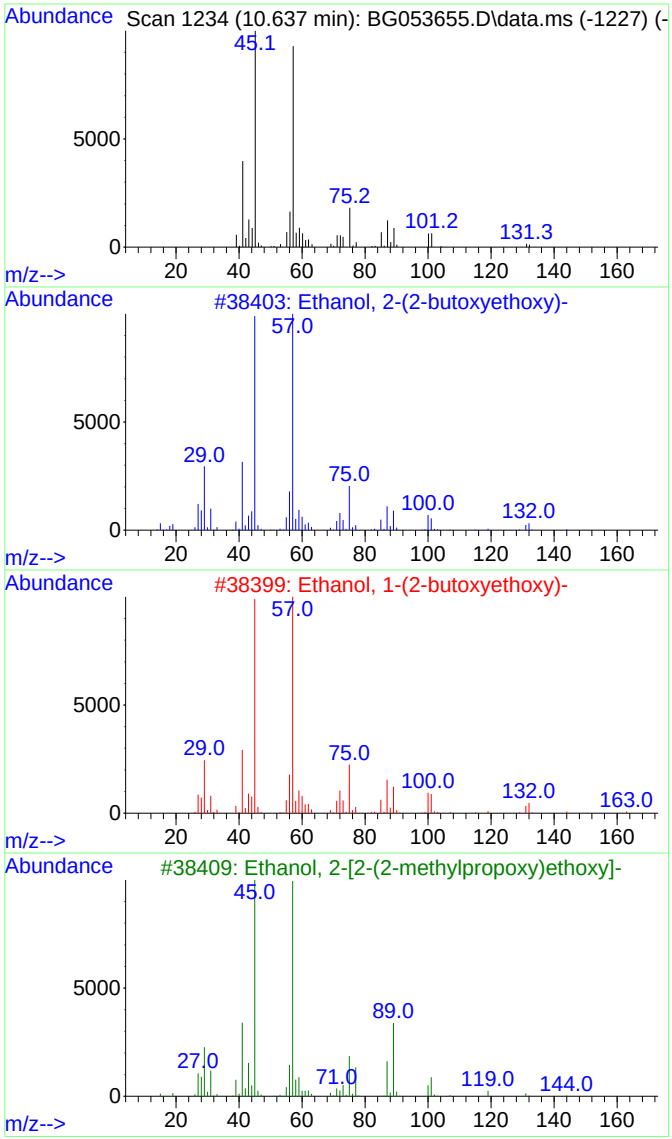
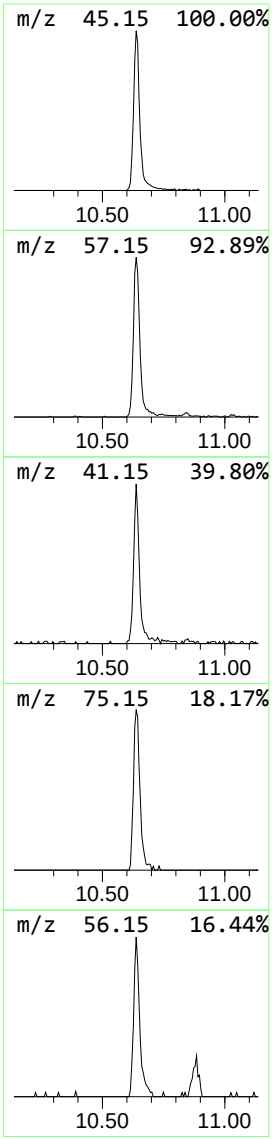
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.637	15.31 ng	263663	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50





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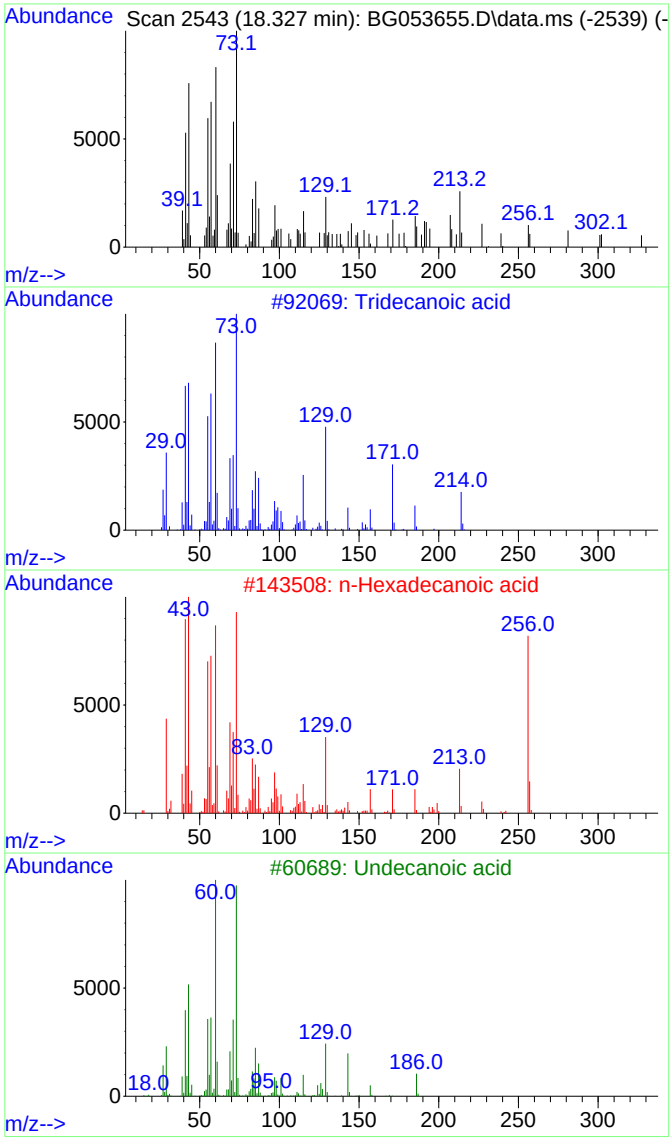
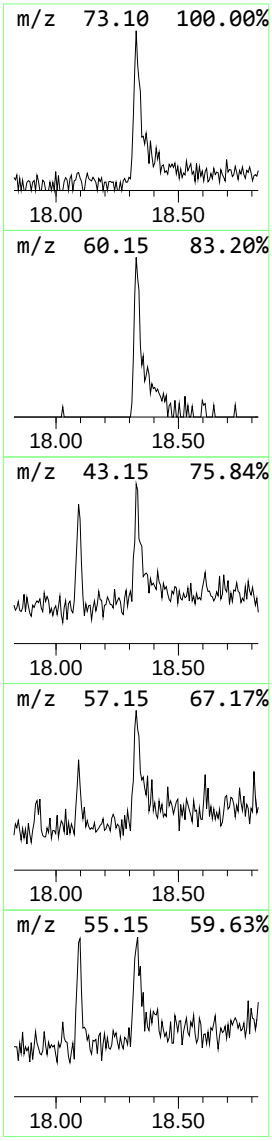
****

Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	2.08 ng	55274	Phenanthrene-d10	17.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	60
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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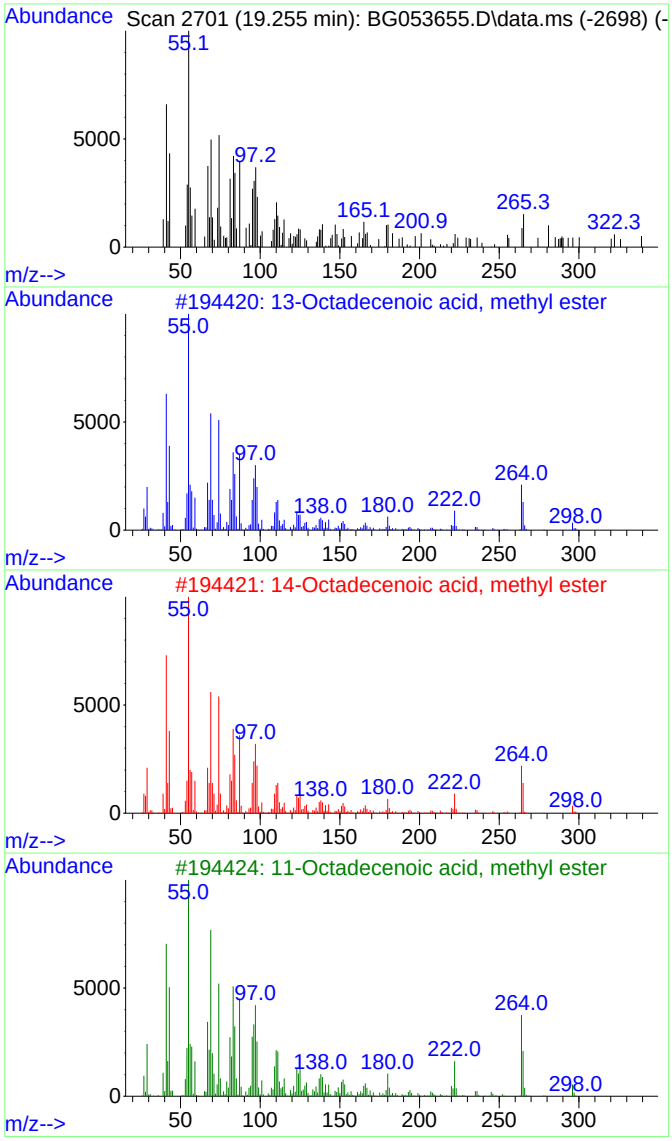
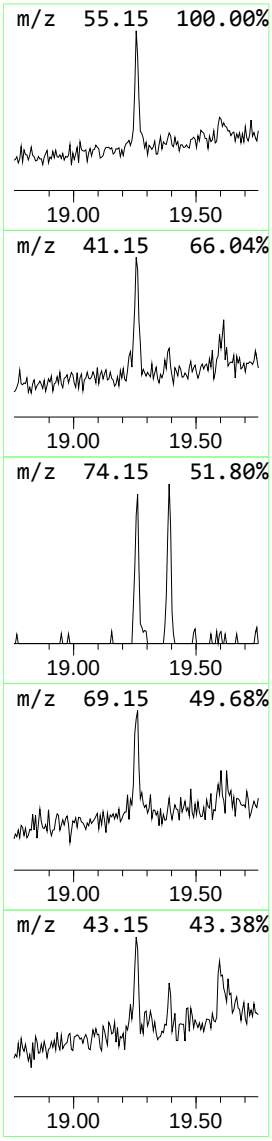
****
Peak Number 3 13-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.255	2.15 ng	57188	Phenanthrene-d10	17.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	91





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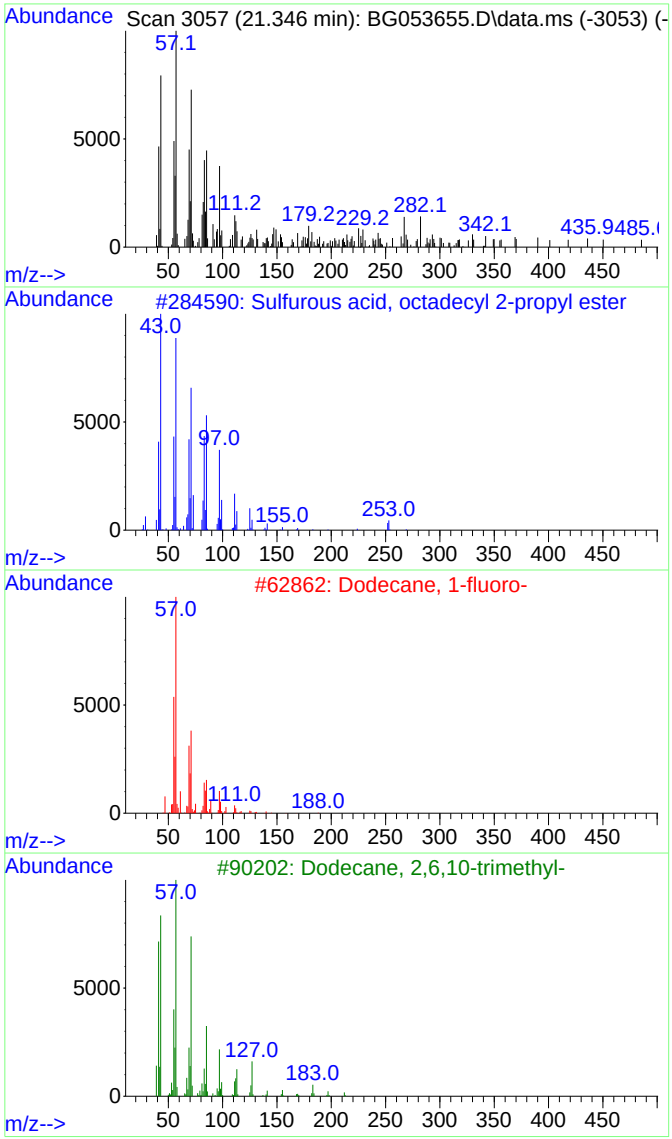
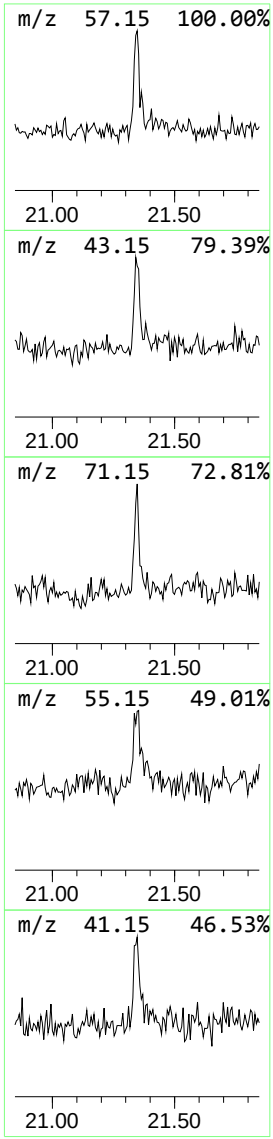
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.346	2.76 ng	67698	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72
2	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	60
4	Dotriacontane	451	C32H66	000544-85-4	53
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	52





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.637	15.3	ng	263663	2	10.884	344435	20.0
Tridecanoic acid	18.327	2.1	ng	55274	4	17.446	531309	20.0
13-Octadecenoic...	19.255	2.1	ng	57188	4	17.446	531309	20.0
Sulfurous acid,...	21.346	2.8	ng	67698	5	21.722	491170	20.0