LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
Data File : BG046819.D
Acq On : 8 Oct 2020 17:28
Operator : CG/JU
Sample : L4293-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-7-MW-3

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-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.668	387	396	406	rBV	619728	1009681	17.61%	4.362%
2	7.254	659	666	675	rBV	408603	720631	12.57%	3.113%
3	8.106	804	811	817	rBV	257751	450034	7.85%	1.944%
4	9.269	1000	1009	1020	rVB	975650	1729342	30.17%	7.471%
5	10.920	1281	1290	1296	rBV	348724	634152	11.06%	2.740%
6	13.359	1696	1705	1714	rBV	2416859	3760267	65.60%	16.245%
7	13.564	1735	1740	1745	rBV	61999	92903	1.62%	0.401%
8	14.175	1838	1844	1849	rBV	63030	94759	1.65%	0.409%
9	14.728	1930	1938	1945	rBV	573185	924067	16.12%	3.992%
10	16.214	2184	2191	2199	rBV	2100533	3113579	54.32%	13.452%
11	17.471	2399	2405	2410	rBV	731708	1101525	19.22%	4.759%
12	17.518	2410	2413	2417	rVB	50667	63481	1.11%	0.274%
13	18.353	2550	2555	2566	rBV	377535	582015	10.15%	2.514%
14	19.622	2766	2771	2780	rBV2	195326	291815	5.09%	1.261%
15	20.080	2843	2849	2855	rBV	4372085	5731996	100.00%	24.764%
16	21.385	3068	3071	3080	rVB	179090	332668	5.80%	1.437%
17	21.749	3126	3133	3141	rVB2	746750	1246583	21.75%	5.386%
18	25.016	3678	3689	3703	rBV2	437387	1267088	22.11%	5.474%

Sum of corrected areas: 23146586

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ClientSampleId :
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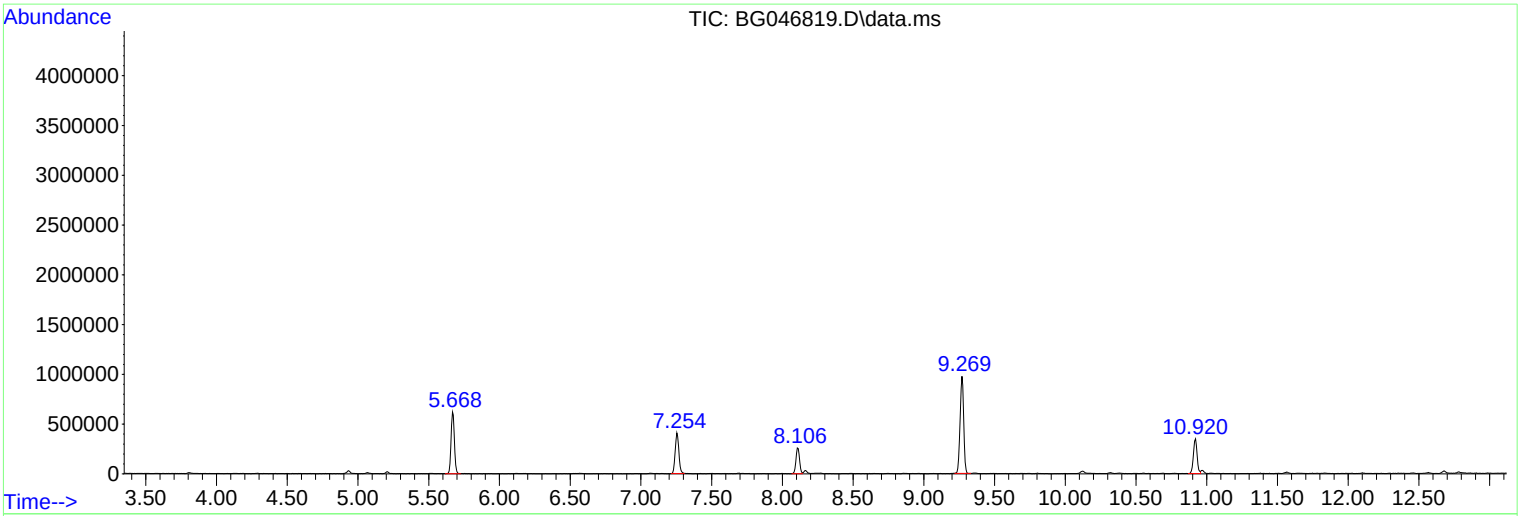
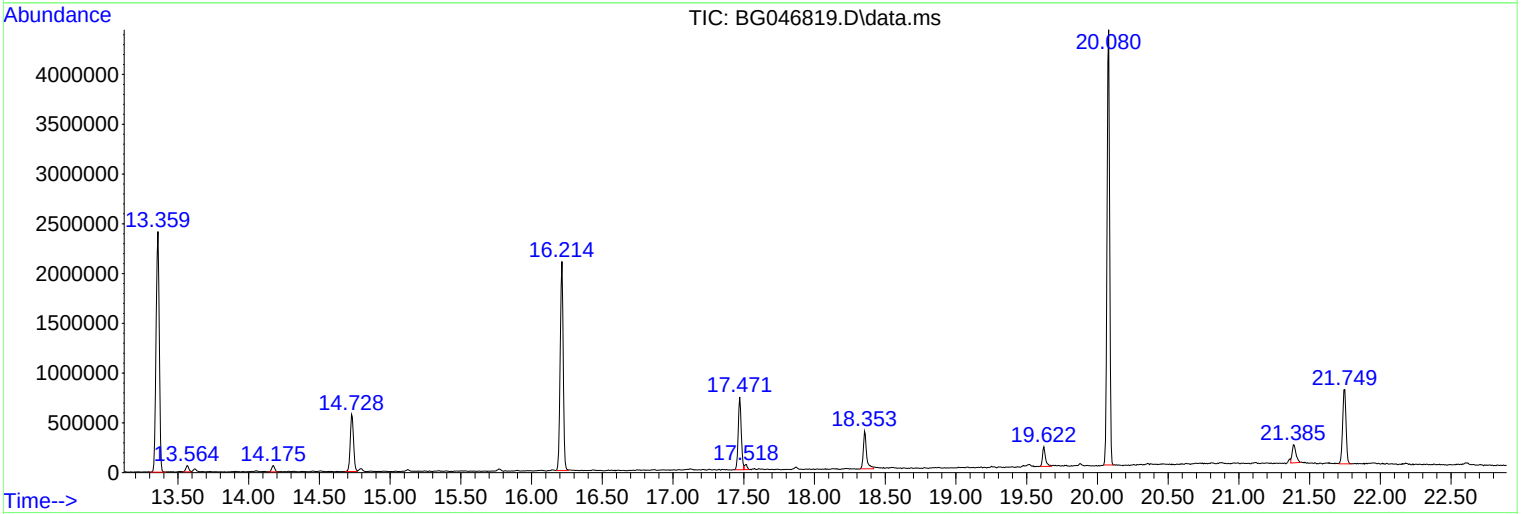
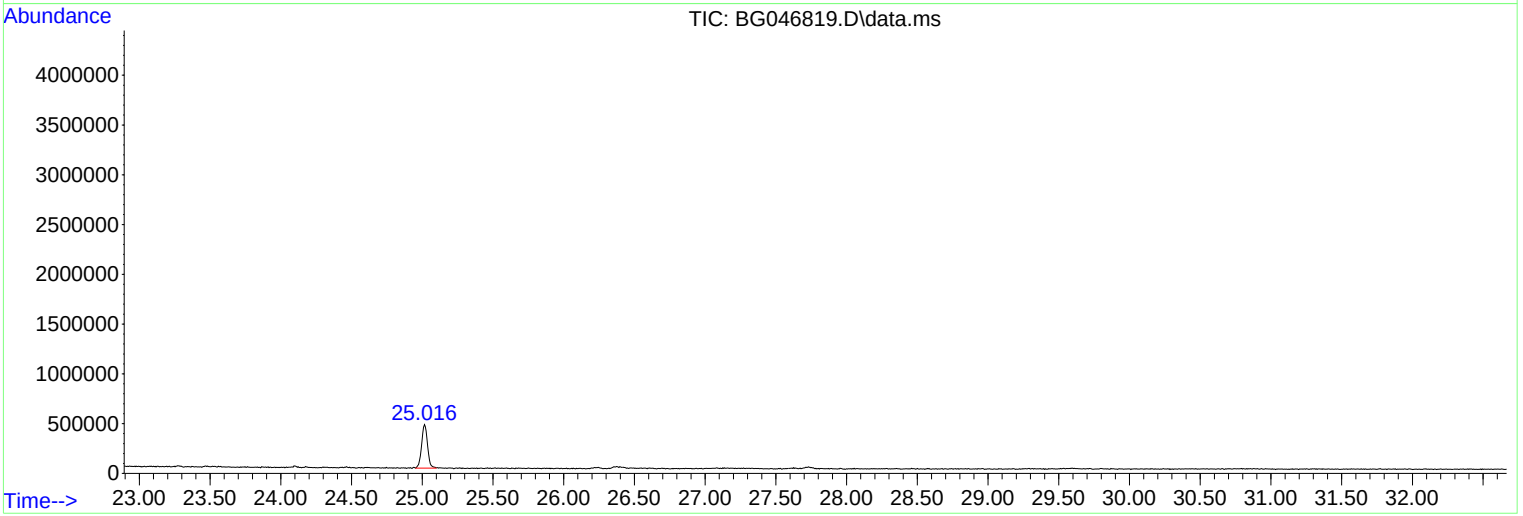
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P







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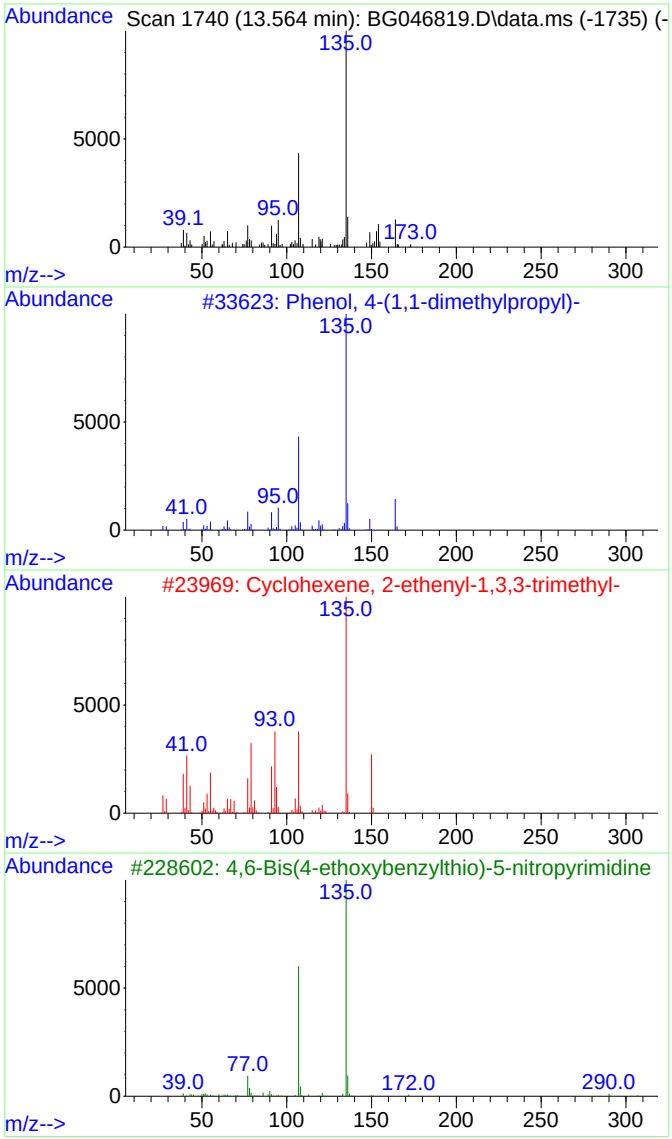
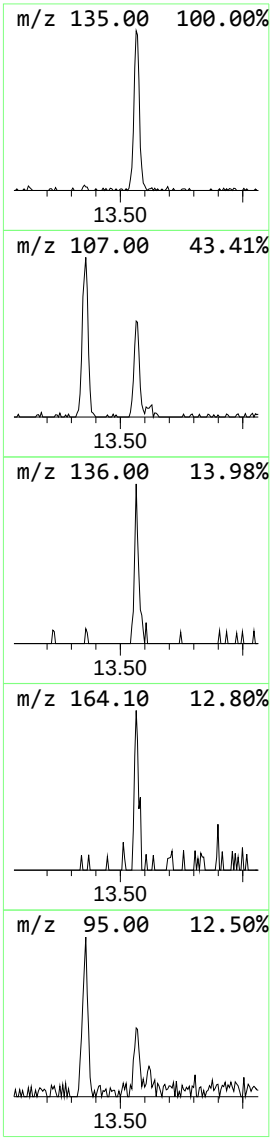
Peak Number 1 Phenol, 4-(1,1-dimethylprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.564	2.01 ng	92903	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	53
3	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	53
4	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	49
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	47





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Instrument : BNA_G
ClientSampleId : B-7-MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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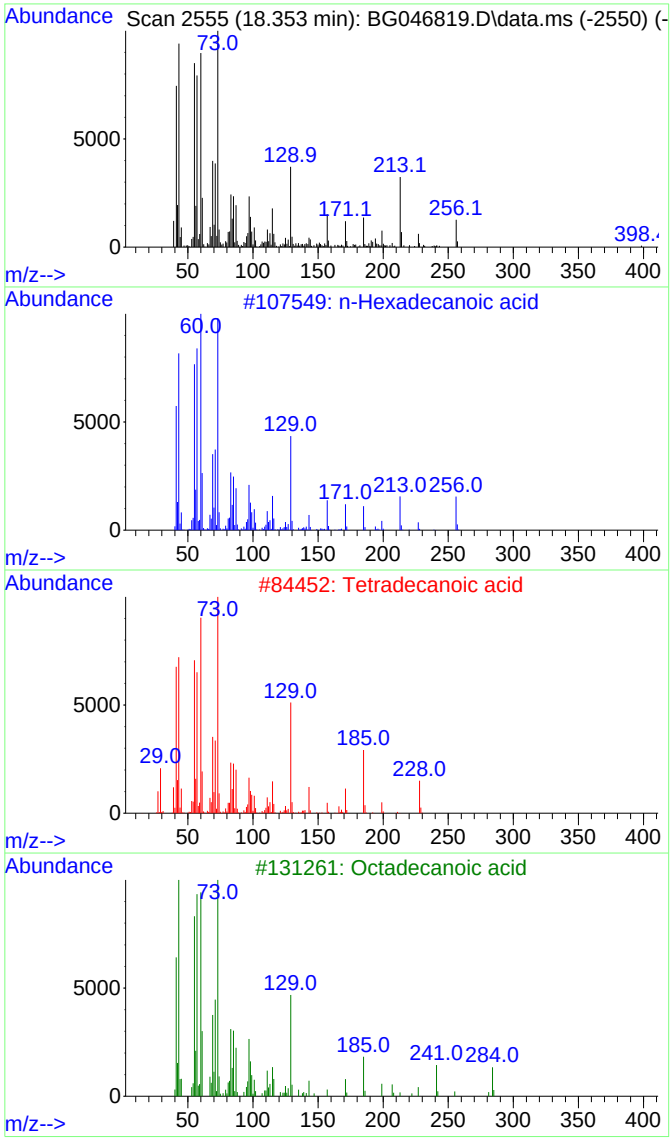
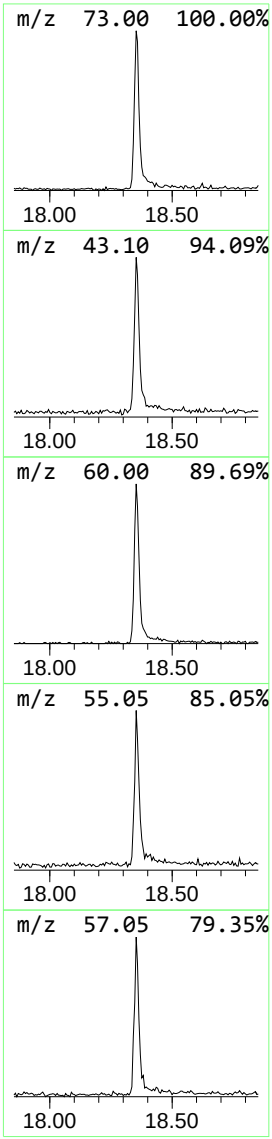
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.353	10.57 ng	582015	Phenanthrene-d10	17.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Operator : CG/JU
Sample : L4293-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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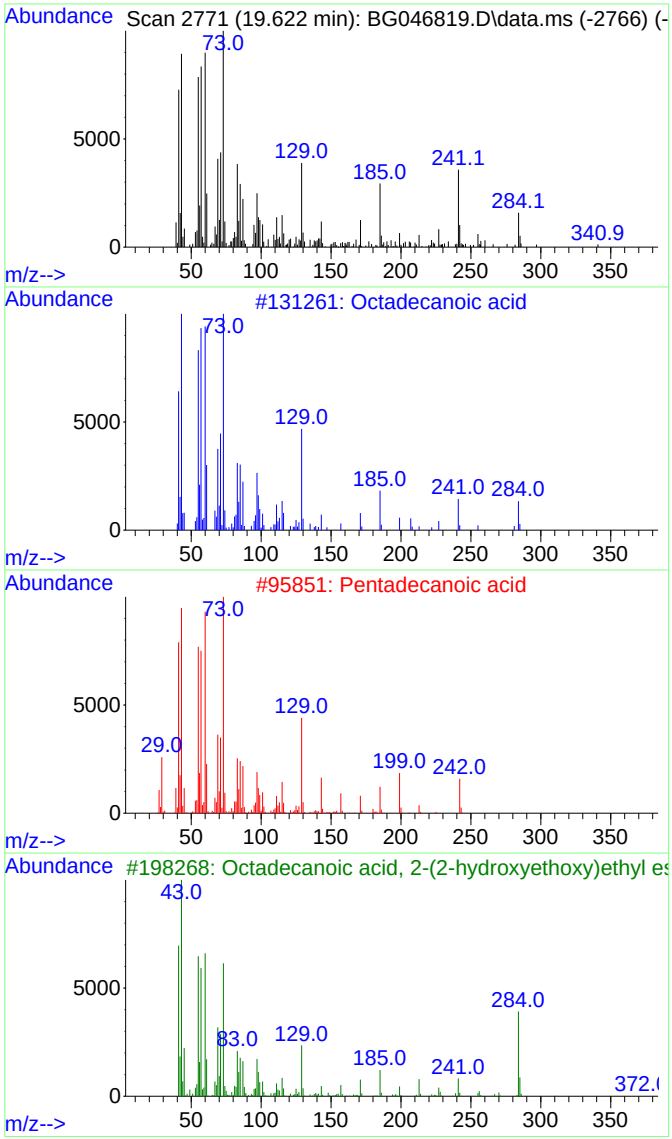
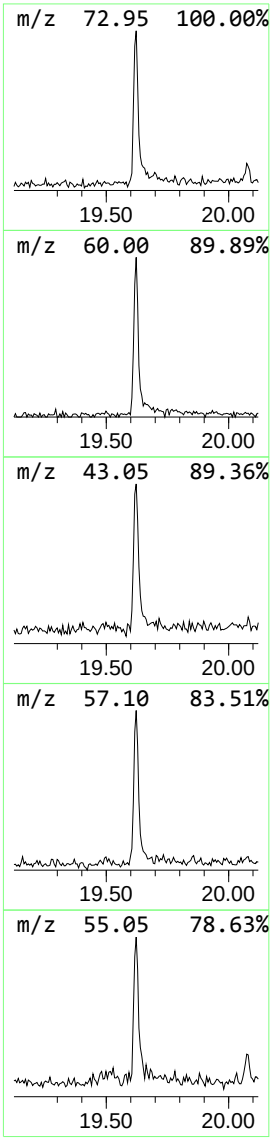
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.622	4.68 ng	291815	Chrysene-d12	21.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Misc :
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Instrument : BNA_G
ClientSampleId : B-7-MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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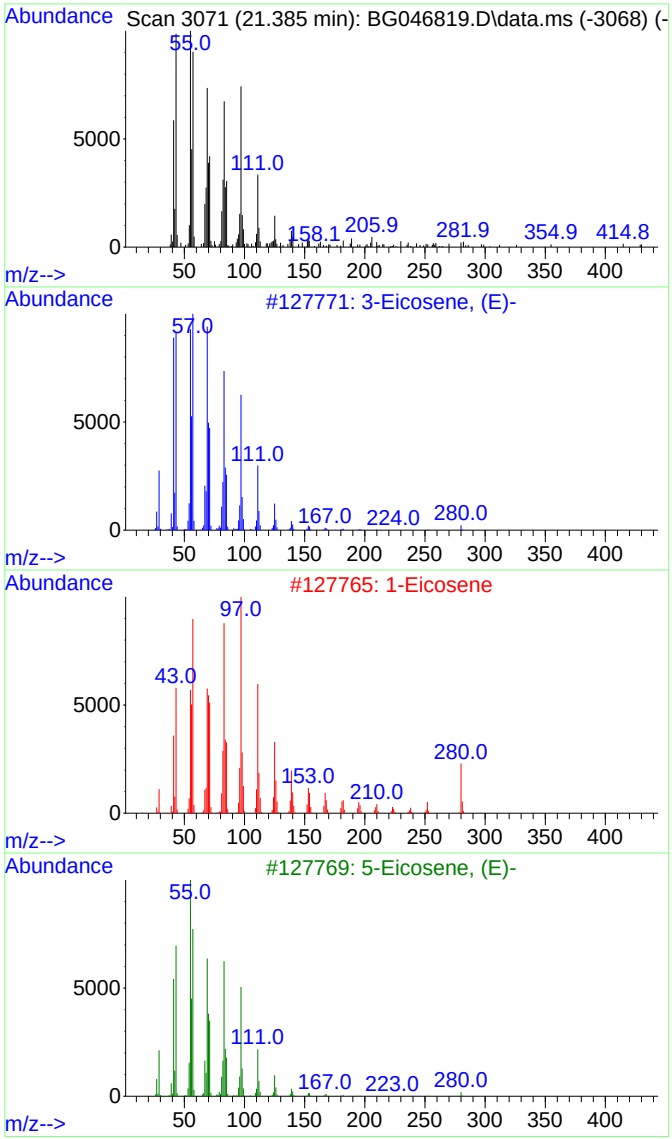
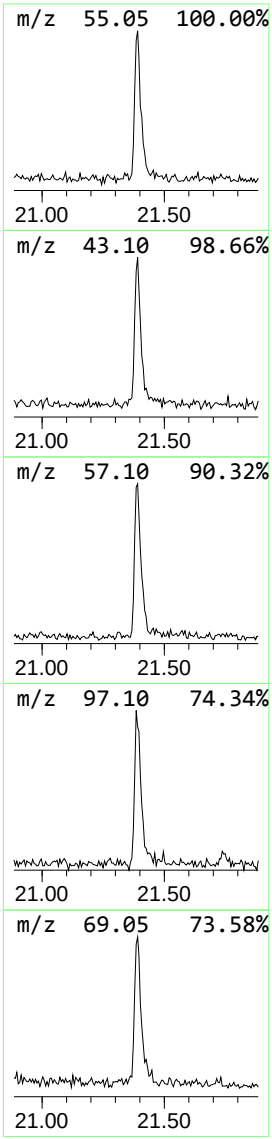
Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.384	5.34 ng	332668	Chrysene-d12	21.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Eicosene	280	C20H40	003452-07-1	98
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 4-(1,1-...	13.564	2.0	ng	92903	3	14.728	924067	20.0
n-Hexadecanoic ...	18.353	10.6	ng	582015	4	17.471	1101530	20.0
Octadecanoic acid	19.622	4.7	ng	291815	5	21.743	1246580	20.0
3-Eicosene, (E)-	21.384	5.3	ng	332668	5	21.743	1246580	20.0