LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060800.D
Acq On : 5 Apr 2024 17:45
Operator : MA/JU
Sample : P1996-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP2

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060800.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.097	11	18	26	rVV7	16033	45574	1.42%	0.277%
2	3.179	26	32	46	rVB	151391	256743	7.98%	1.562%
3	3.690	114	119	127	rVB2	22772	36700	1.14%	0.223%
4	5.535	426	433	441	rBV	732239	1134032	35.26%	6.901%
5	7.115	694	702	711	rBV	749614	1268417	39.44%	7.718%
6	7.950	836	844	852	rBV	221805	373216	11.60%	2.271%
7	9.101	1030	1040	1049	rBV	444004	791588	24.61%	4.817%
8	10.746	1312	1320	1328	rBV	287788	506937	15.76%	3.085%
9	13.208	1732	1739	1752	rBV	1152495	1812584	56.35%	11.029%
10	14.583	1962	1973	1982	rBV	510546	788772	24.52%	4.800%
11	16.070	2218	2226	2241	rBV	1047356	1681891	52.29%	10.234%
12	17.327	2433	2440	2446	rBV	706893	1048880	32.61%	6.382%
13	18.238	2589	2595	2605	rBV	150267	228458	7.10%	1.390%
14	19.101	2737	2742	2749	rBV5	23225	46973	1.46%	0.286%
15	19.383	2782	2790	2795	rBV	59972	94243	2.93%	0.573%
16	19.513	2808	2812	2820	rBV7	24959	44153	1.37%	0.269%
17	19.748	2847	2852	2856	rVB	43209	67829	2.11%	0.413%
18	19.953	2879	2887	2895	rBV	2445904	3216454	100.00%	19.572%
19	21.275	3107	3112	3120	rBV	149679	251749	7.83%	1.532%
20	21.592	3159	3166	3172	rBV2	719925	1200441	37.32%	7.305%
21	22.450	3307	3312	3315	rBV3	23313	40922	1.27%	0.249%
22	23.314	3453	3459	3466	rVB	133144	248067	7.71%	1.509%
23	24.730	3690	3700	3714	rBV	443521	1249365	38.84%	7.602%

Sum of corrected areas: 16433988

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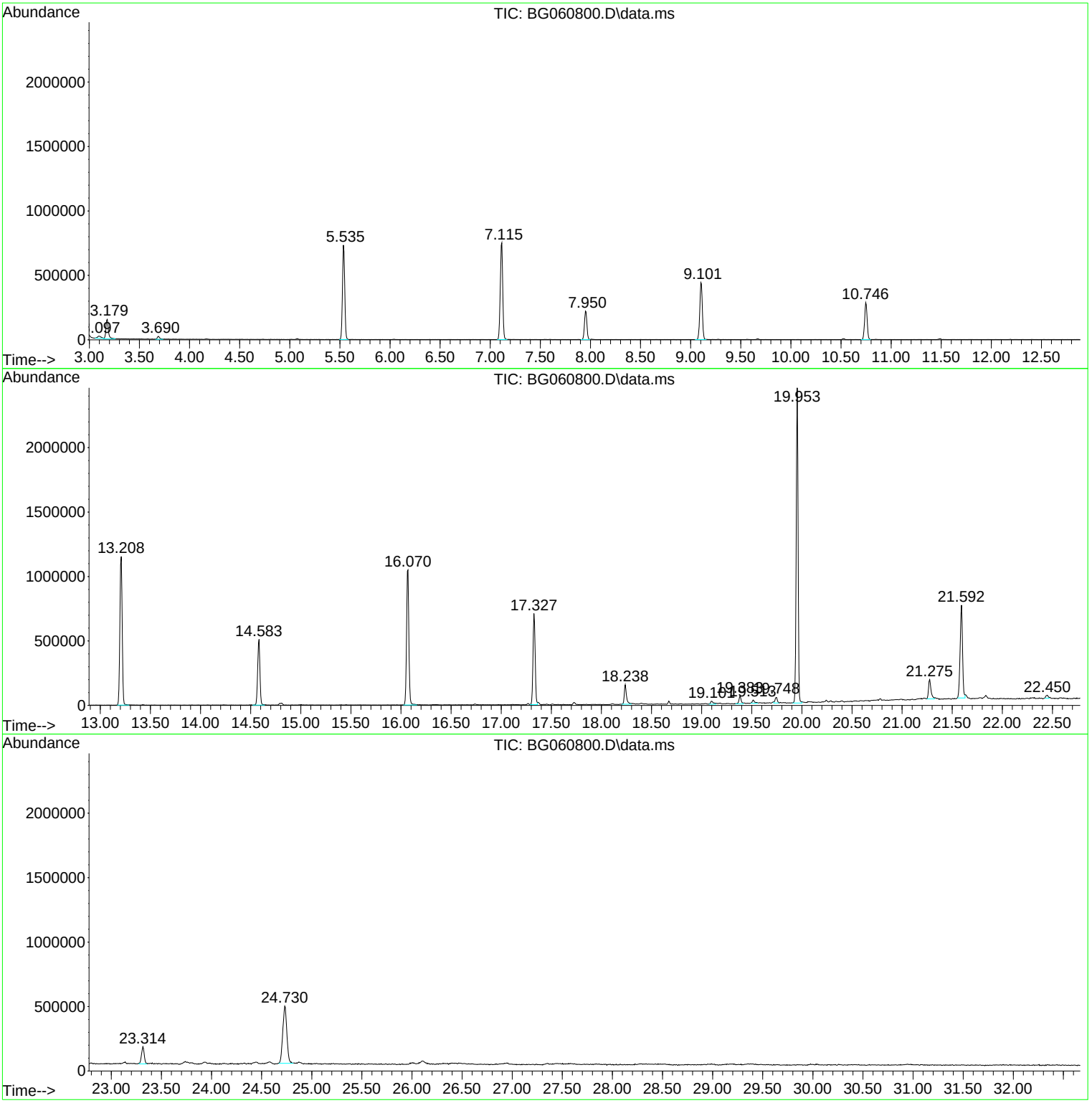
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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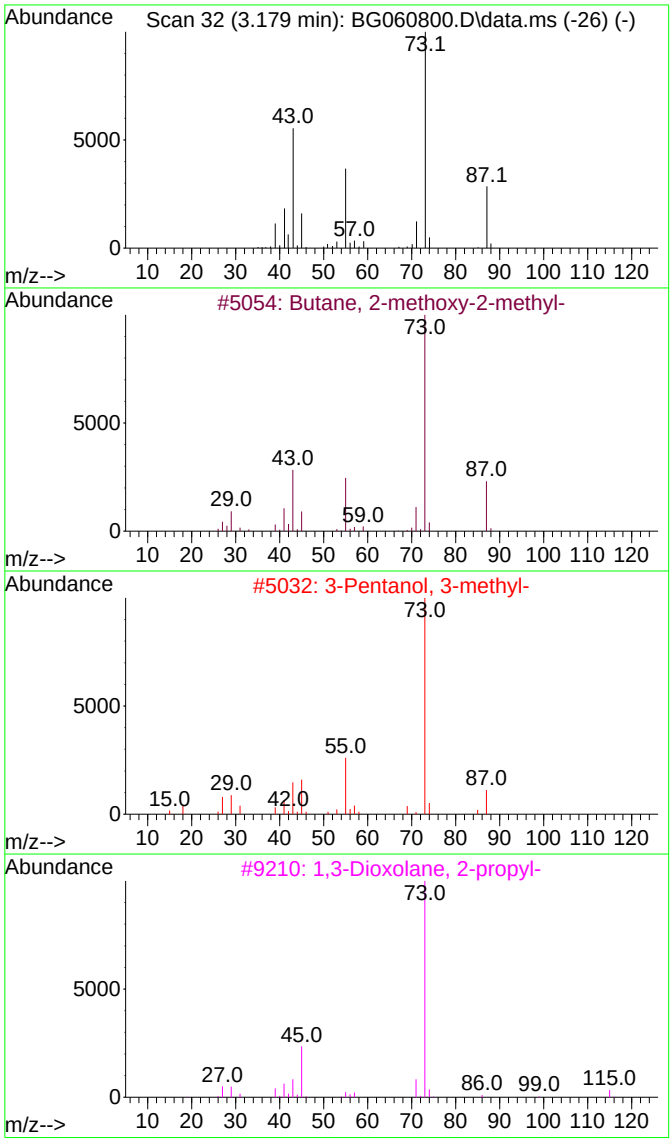
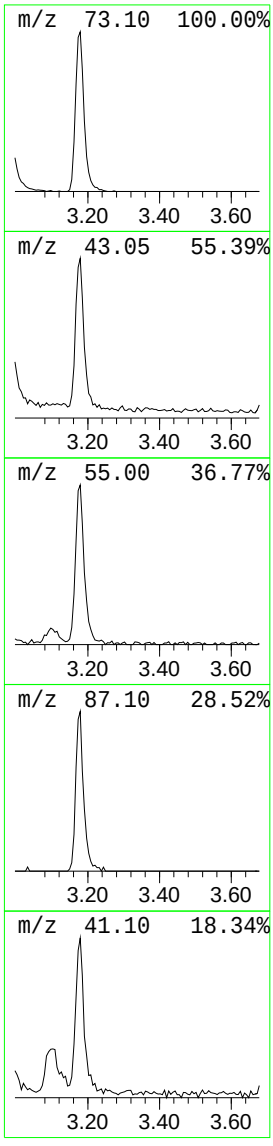
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.179	13.76 ng	256743	1,4-Dichlorobenzene-d4	7.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	28
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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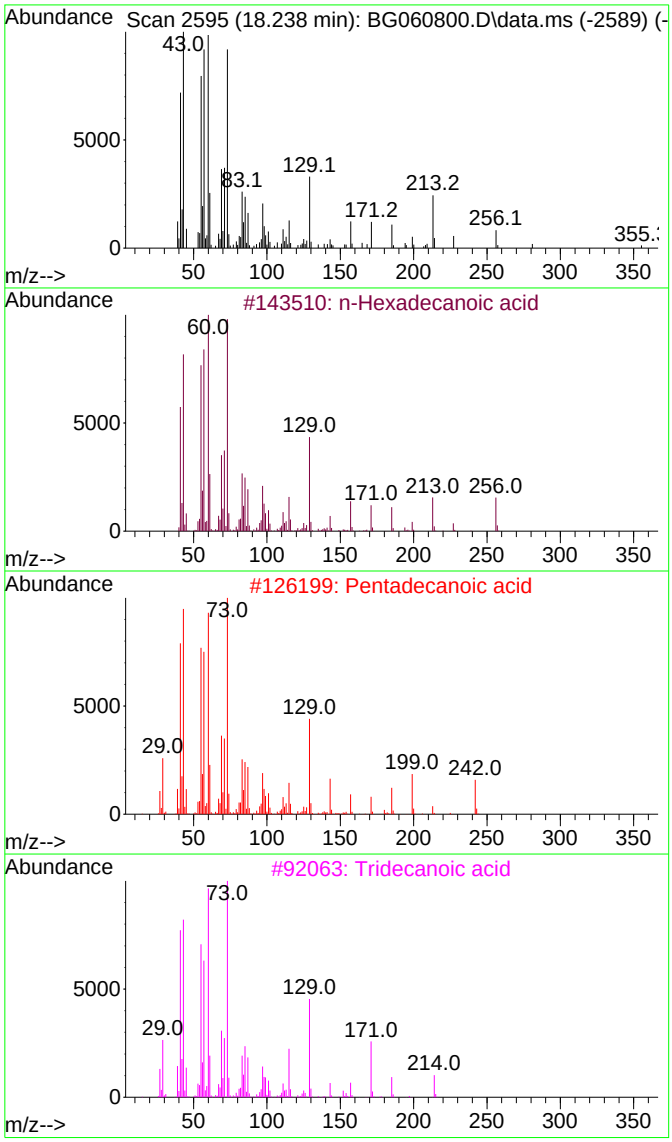
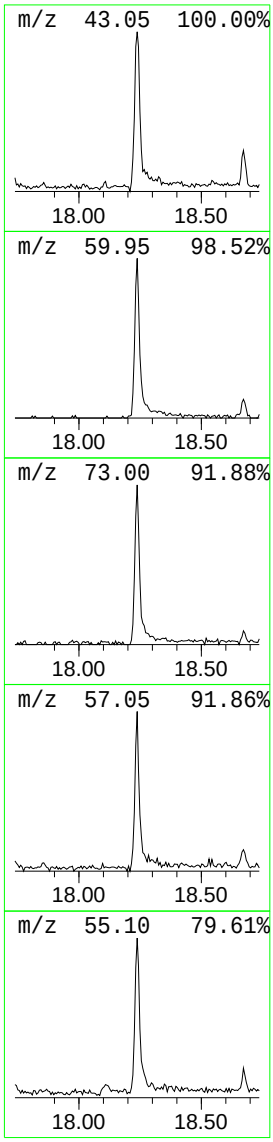
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.238	4.36 ng	228458	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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ClientSampleId :
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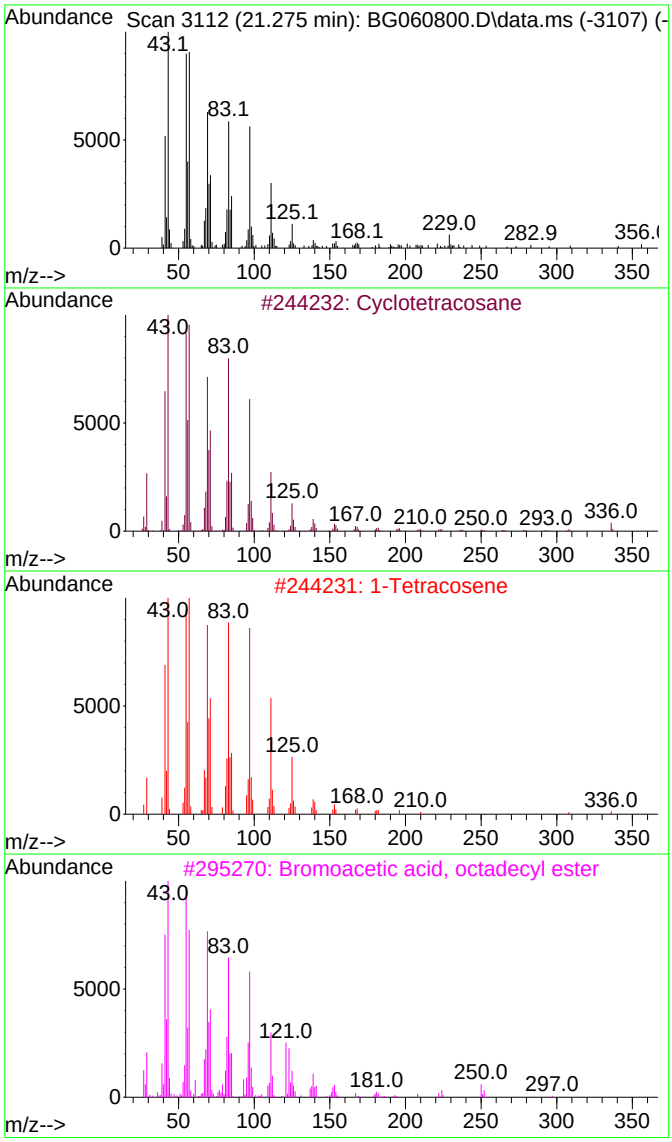
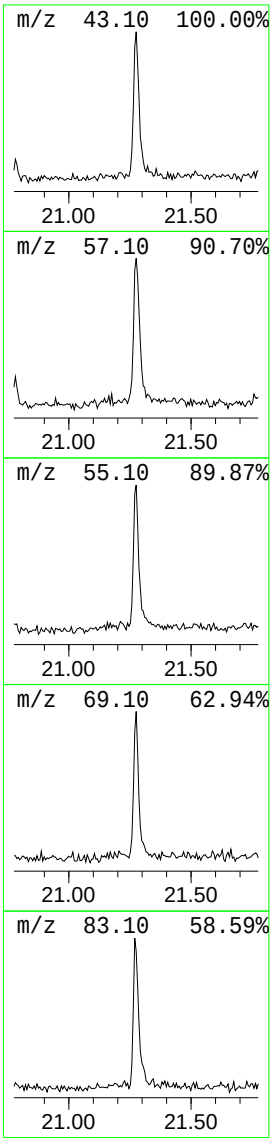
Peak Number 4 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	4.19 ng	251749	Chrysene-d12	21.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90





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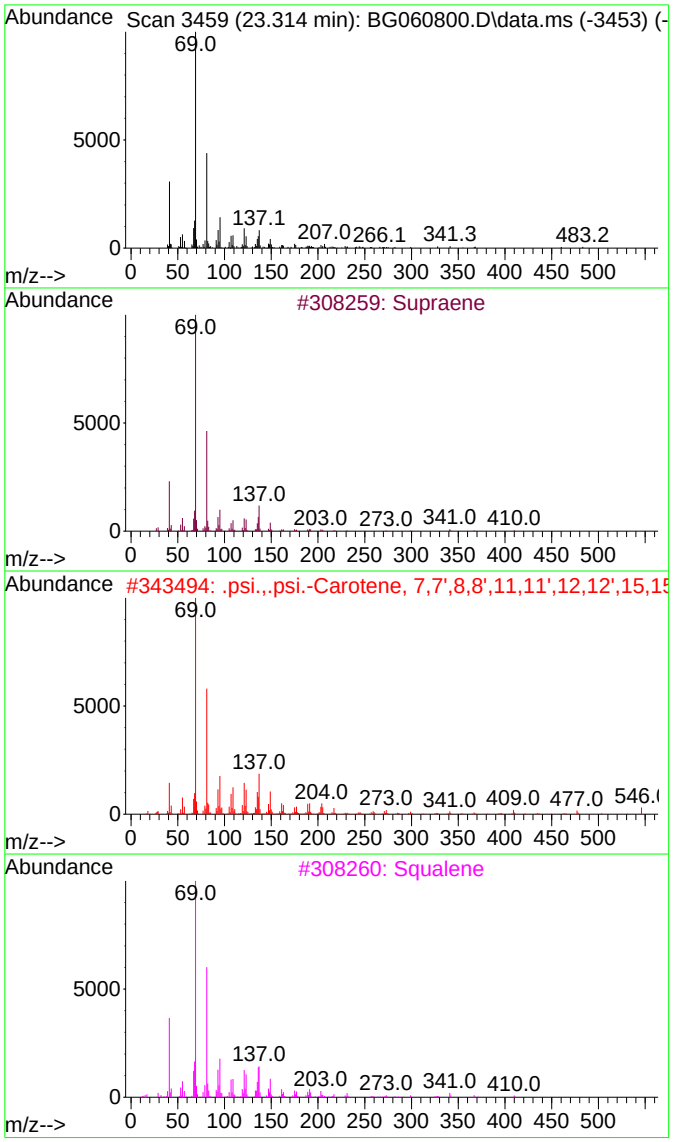
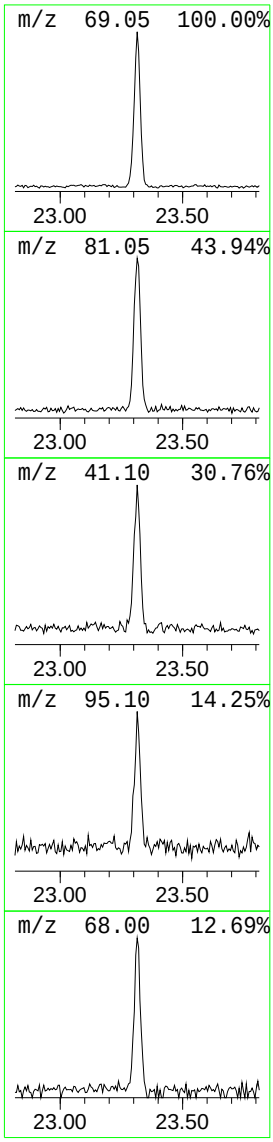
Peak Number 5 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.314	3.97 ng	248067	Perylene-d12	24.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
3	Squalene	410	C30H50	000111-02-4	83
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	78
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





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...	3.179	13.8	ng	256743	1	7.950	373216	20.0
n-Hexadecanoic ...	18.238	4.4	ng	228458	4	17.327	1048880	20.0
Cyclotetracosane	21.275	4.2	ng	251749	5	21.593	1200440	20.0
Supraene	23.314	4.0	ng	248067	6	24.730	1249370	20.0