LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082518\
Data File : BG036422.D
Acq On : 25 Aug 2018 11:44
Operator : JU/SJ
Sample : J4581-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP1-Q3-C3

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-BG082318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.168	314	320	329	rBV	55576	82299	1.94%	0.379%
2	5.632	390	399	409	rBV	949834	1512739	35.65%	6.974%
3	7.219	659	669	679	rBV	1032315	1743506	41.09%	8.038%
4	7.595	725	733	744	rBV	934096	1581749	37.28%	7.292%
5	8.065	806	813	820	rBV	181443	303987	7.16%	1.401%
6	8.388	861	868	877	rBV	628305	1082225	25.51%	4.989%
7	9.228	1002	1011	1019	rBV	566926	1016344	23.95%	4.685%
8	10.873	1283	1291	1299	rVB	264430	463911	10.93%	2.139%
9	13.318	1699	1707	1715	rBV	1537975	2384880	56.21%	10.995%
10	14.140	1840	1847	1854	rVB	217230	317115	7.47%	1.462%
11	14.686	1933	1940	1951	rVB2	429082	695484	16.39%	3.206%
12	16.173	2186	2193	2205	rBV	1393579	2066883	48.71%	9.529%
13	17.430	2400	2407	2417	rBV2	650954	976547	23.01%	4.502%
14	18.318	2552	2558	2566	rBV5	26012	43080	1.02%	0.199%
15	20.039	2845	2851	2859	rBV	3193720	4243118	100.00%	19.561%
16	20.850	2983	2989	2993	rBV2	34725	54179	1.28%	0.250%
17	21.361	3070	3076	3083	rBV	57384	102527	2.42%	0.473%
18	21.696	3127	3133	3142	rBV	745343	1171966	27.62%	5.403%
19	21.913	3165	3170	3175	rVB	38300	52447	1.24%	0.242%
20	22.524	3270	3274	3286	rVB3	34230	62585	1.47%	0.289%
21	23.194	3381	3388	3405	rBV3	131894	396196	9.34%	1.827%
22	23.417	3421	3426	3434	rVB2	68532	126092	2.97%	0.581%
23	24.040	3527	3532	3542	rVB3	25894	53658	1.26%	0.247%
24	24.916	3670	3681	3691	rBV3	389736	1110158	26.16%	5.118%
25	26.150	3883	3891	3901	rVB6	16784	47863	1.13%	0.221%

Sum of corrected areas: 21691538

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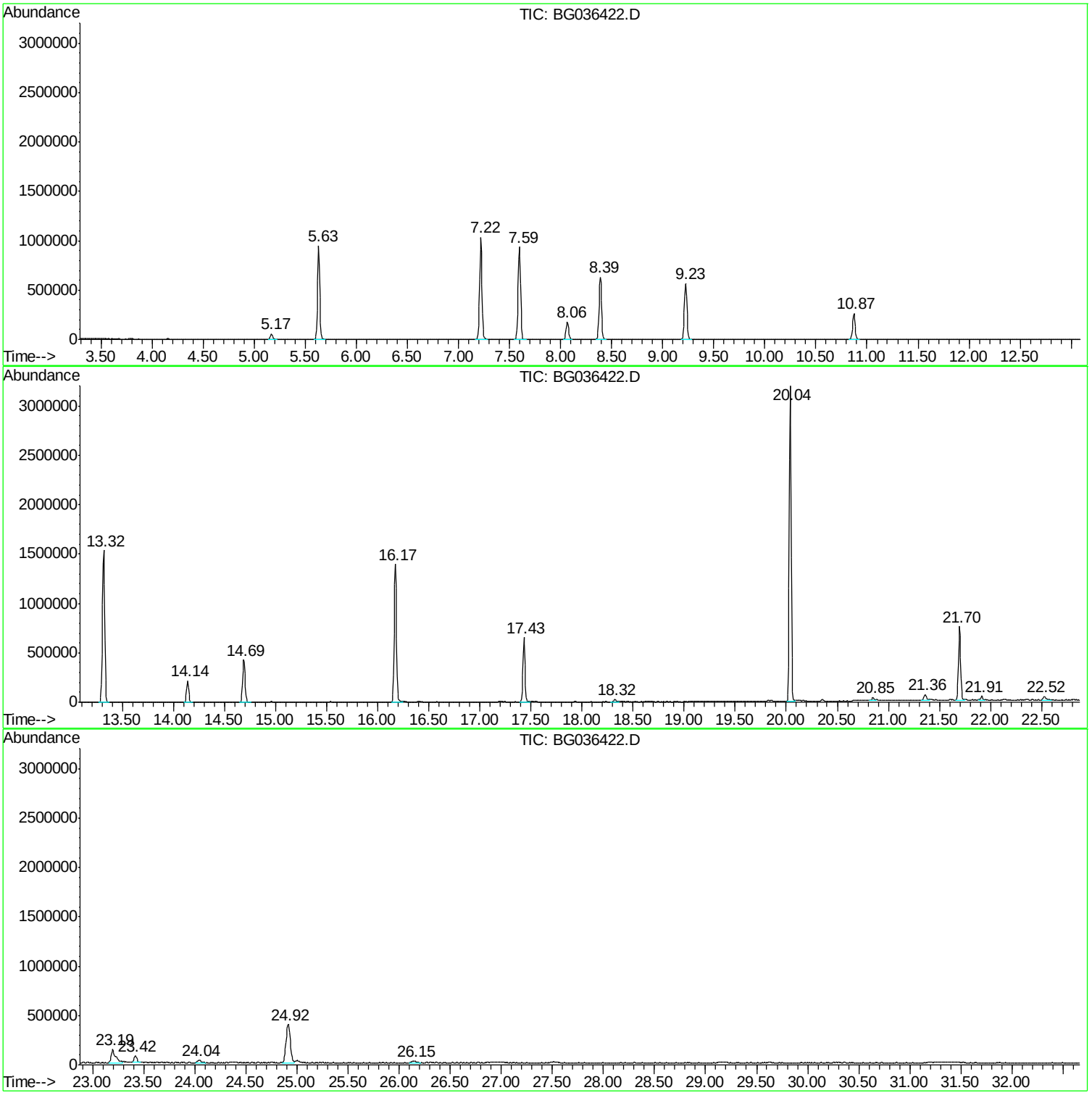
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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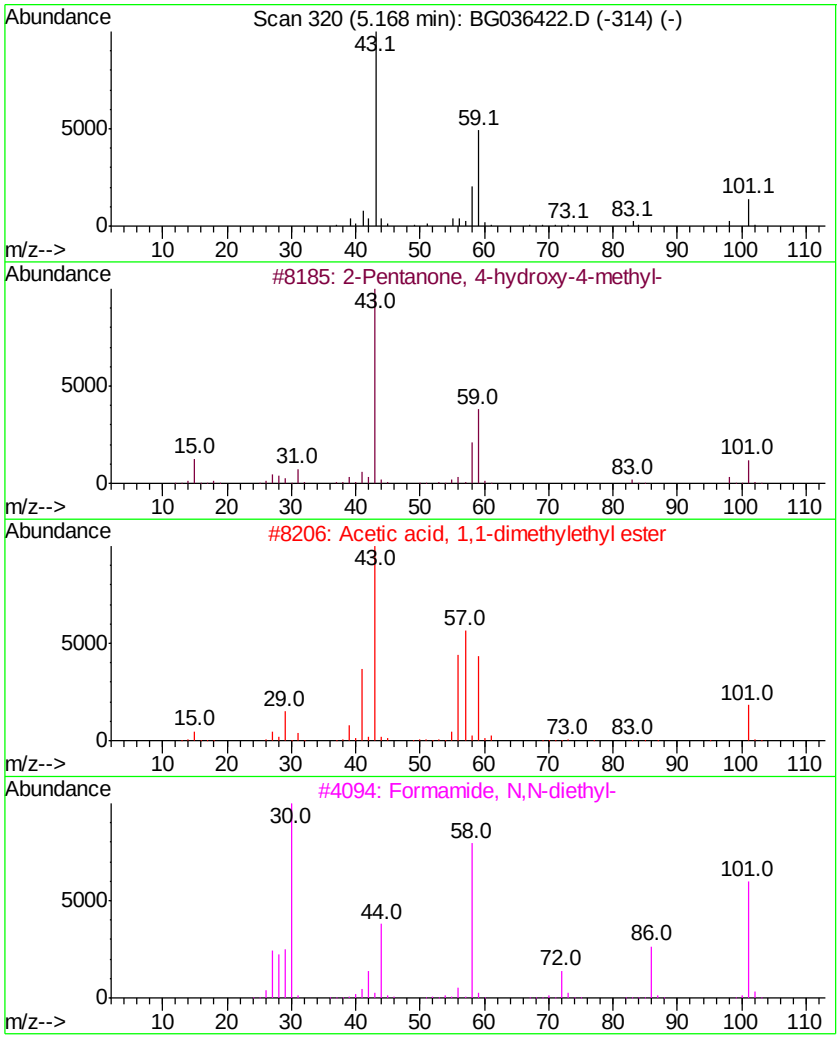
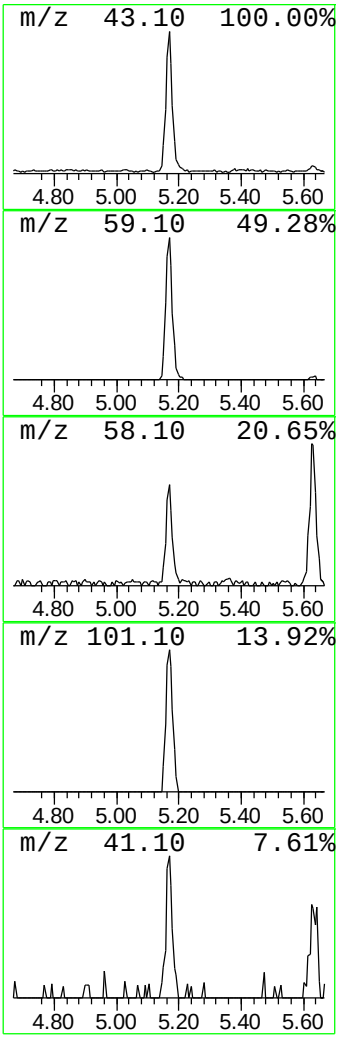
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.41 ng	82299	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
4	Acetone	58	C3H6O	000067-64-1	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_G
ClientSampleId : EP1-Q3-C3

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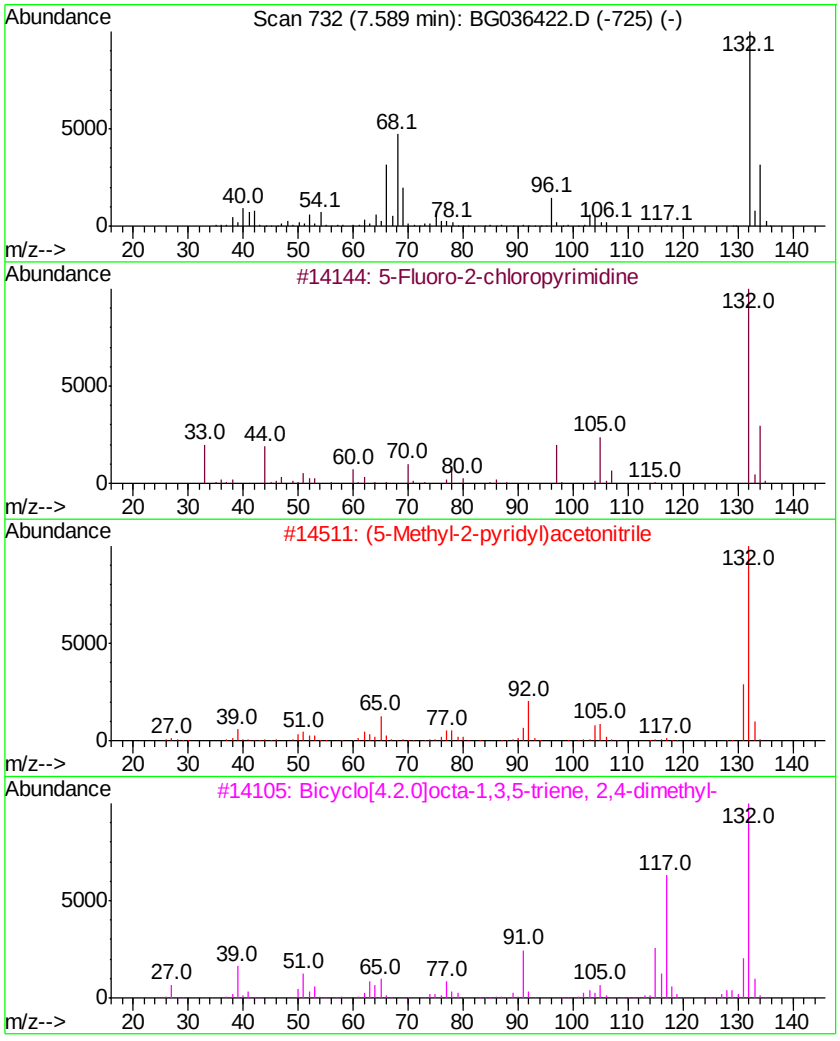
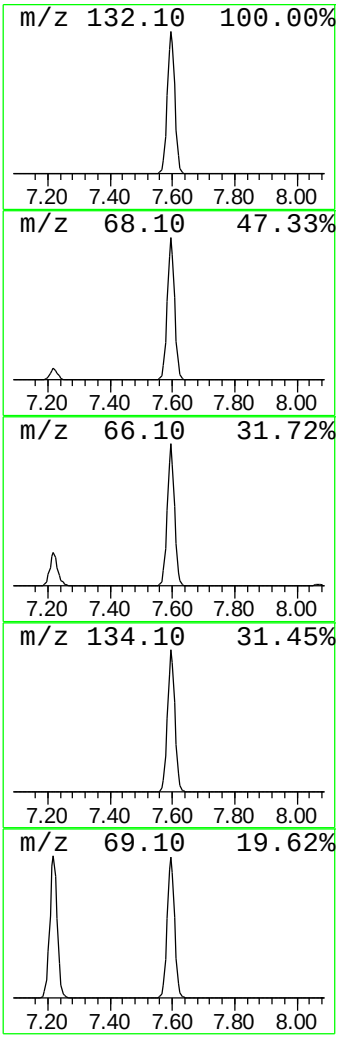
Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	104.07 ng	1581750	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : J4581-13
Misc :
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Instrument : BNA_G
ClientSampleId : EP1-Q3-C3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
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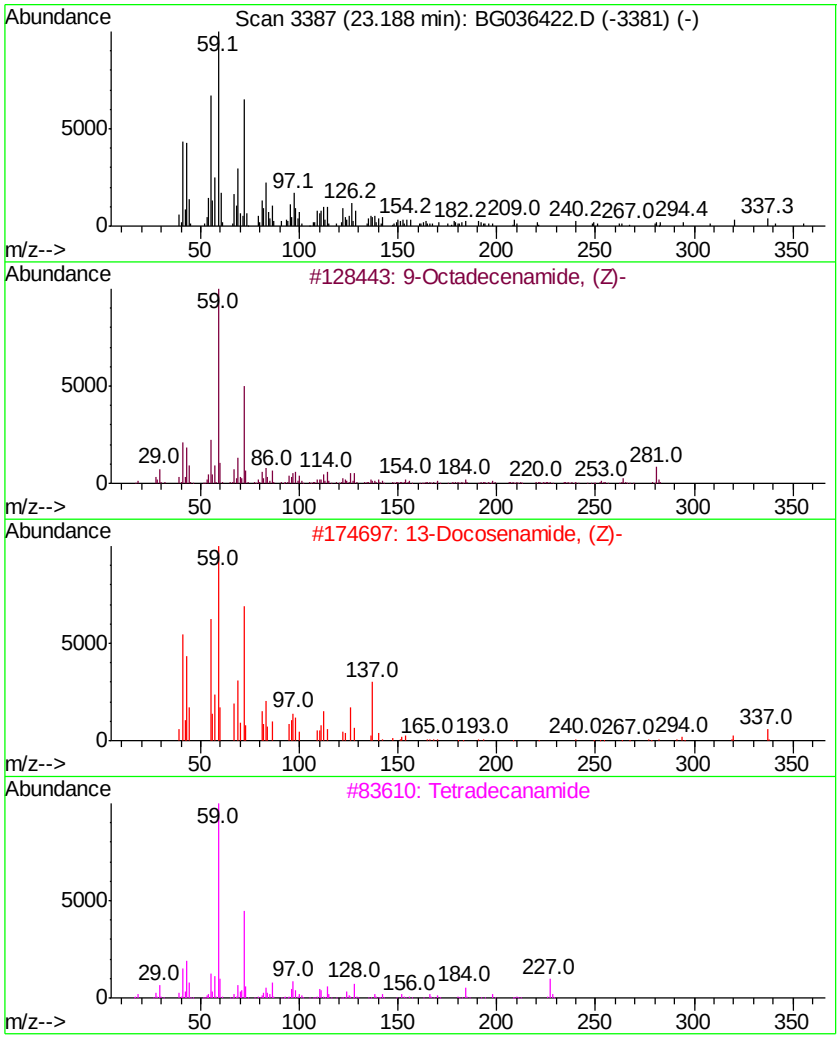
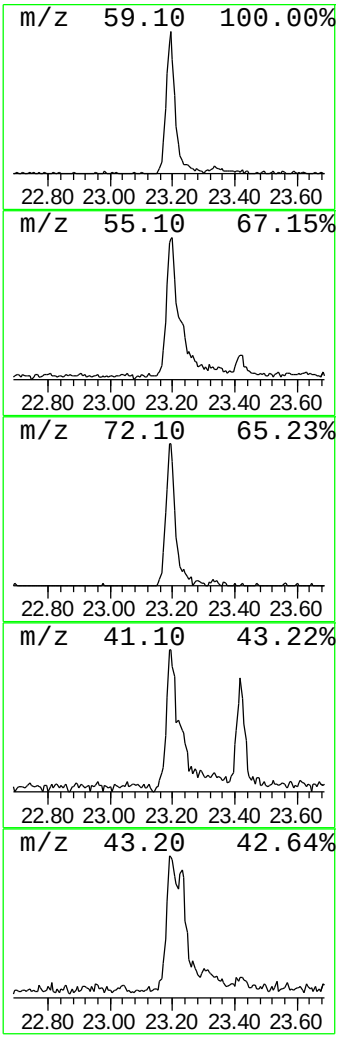
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	6.76 ng	396196	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
3	Tetradecanamide	227	C14H29NO	000638-58-4	53
4	Hexadecanamide	255	C16H33NO	000629-54-9	53
5	Octadecanamide	283	C18H37NO	000124-26-5	43





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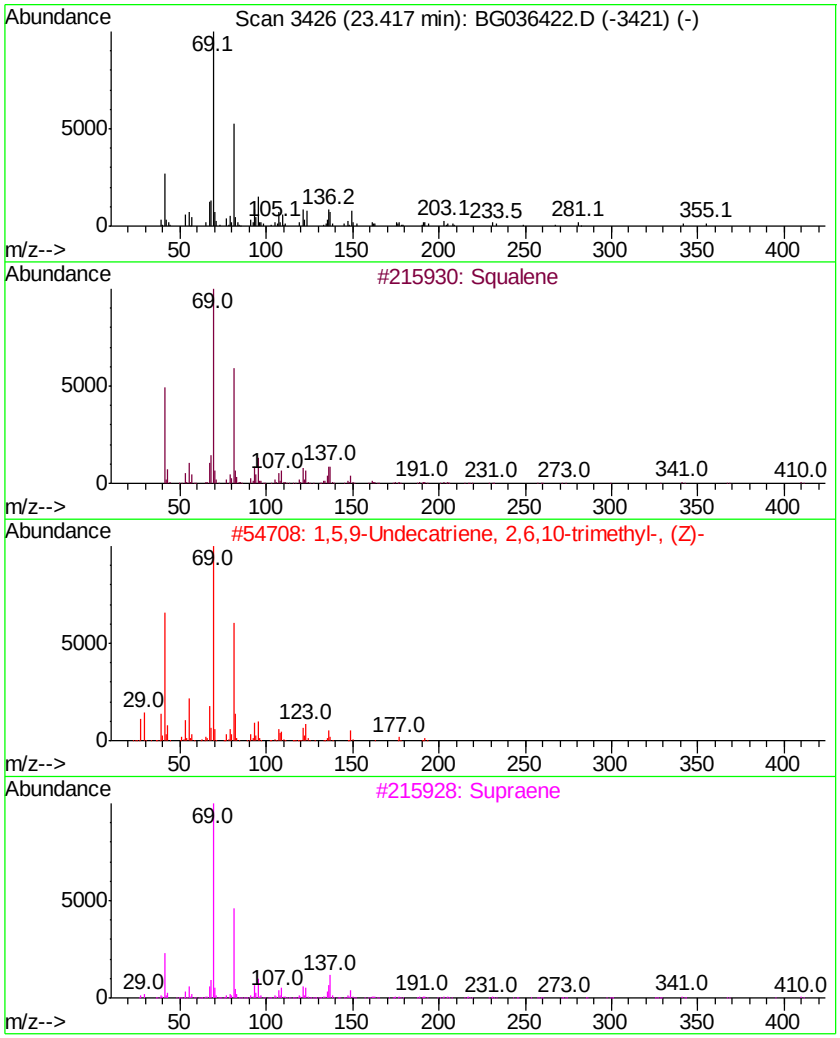
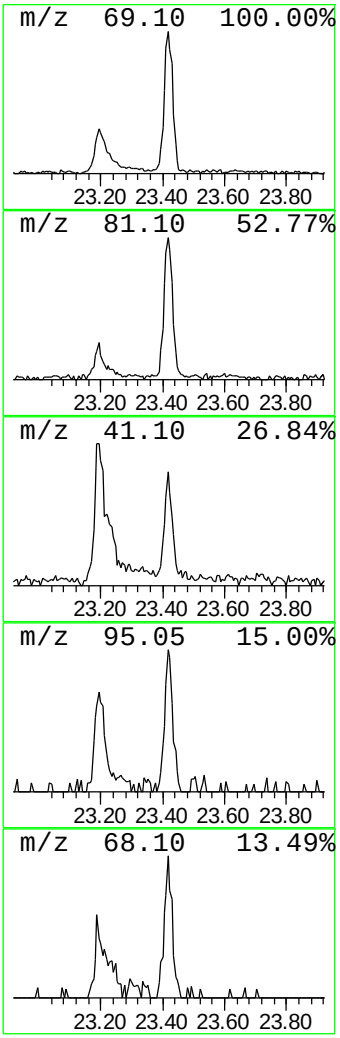
Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	2.27 ng	126092	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
3	Supraene	410	C30H50	007683-64-9	80
4	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	5.4	ng	82299	1	8.06	303987	20.0
unknown7.59	7.59	104.1	ng	1581750	1	8.06	303987	20.0
9-Octadecenamide,...	23.19	6.8	ng	396196	5	21.70	1171970	20.0
Squalene	23.42	2.3	ng	126092	6	24.92	1110160	20.0