LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043708.D
Acq On : 19 Nov 2019 21:31
Operator : JU
Sample : K5864-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-COMP

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-BG102119.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	3.148	6	10	19	rVB2	55133	81852	4.08%	0.887%
2	5.093	333	341	353	rBV	78206	127331	6.35%	1.380%
3	5.581	417	424	437	rBV	285577	507774	25.33%	5.504%
4	7.185	689	697	710	rBV	300893	620154	30.94%	6.722%
5	7.531	749	756	767	rBV	326708	596425	29.75%	6.464%
6	7.990	826	834	843	rBV2	84877	153013	7.63%	1.658%
7	8.313	882	889	901	rBV	258427	471827	23.54%	5.114%
8	9.153	1025	1032	1050	rBV	161198	360738	18.00%	3.910%
9	10.798	1304	1312	1323	rBV	87874	197328	9.84%	2.139%
10	13.242	1719	1728	1741	rBV	544155	954921	47.64%	10.350%
11	14.082	1865	1871	1882	rBV	24547	58298	2.91%	0.632%
12	14.623	1956	1963	1975	rBV	189557	333791	16.65%	3.618%
13	16.115	2210	2217	2229	rBV	393430	754507	37.64%	8.178%
14	17.367	2424	2430	2446	rBV	243009	446499	22.27%	4.839%
15	19.975	2868	2874	2888	rBV	1463235	2004505	100.00%	21.726%
16	21.632	3150	3156	3172	rBV2	305349	592383	29.55%	6.421%
17	21.809	3182	3186	3192	rVB4	12952	20265	1.01%	0.220%
18	22.408	3283	3288	3294	rVB4	17257	27560	1.37%	0.299%
19	23.089	3398	3404	3412	rVB3	20250	39507	1.97%	0.428%
20	23.278	3428	3436	3442	rBV	70963	135180	6.74%	1.465%
21	23.877	3531	3538	3544	rBV4	22538	47383	2.36%	0.514%
22	24.811	3685	3697	3709	rBV	214261	656034	32.73%	7.110%
23	25.910	3877	3884	3891	rVB6	14400	39040	1.95%	0.423%

Sum of corrected areas: 9226315

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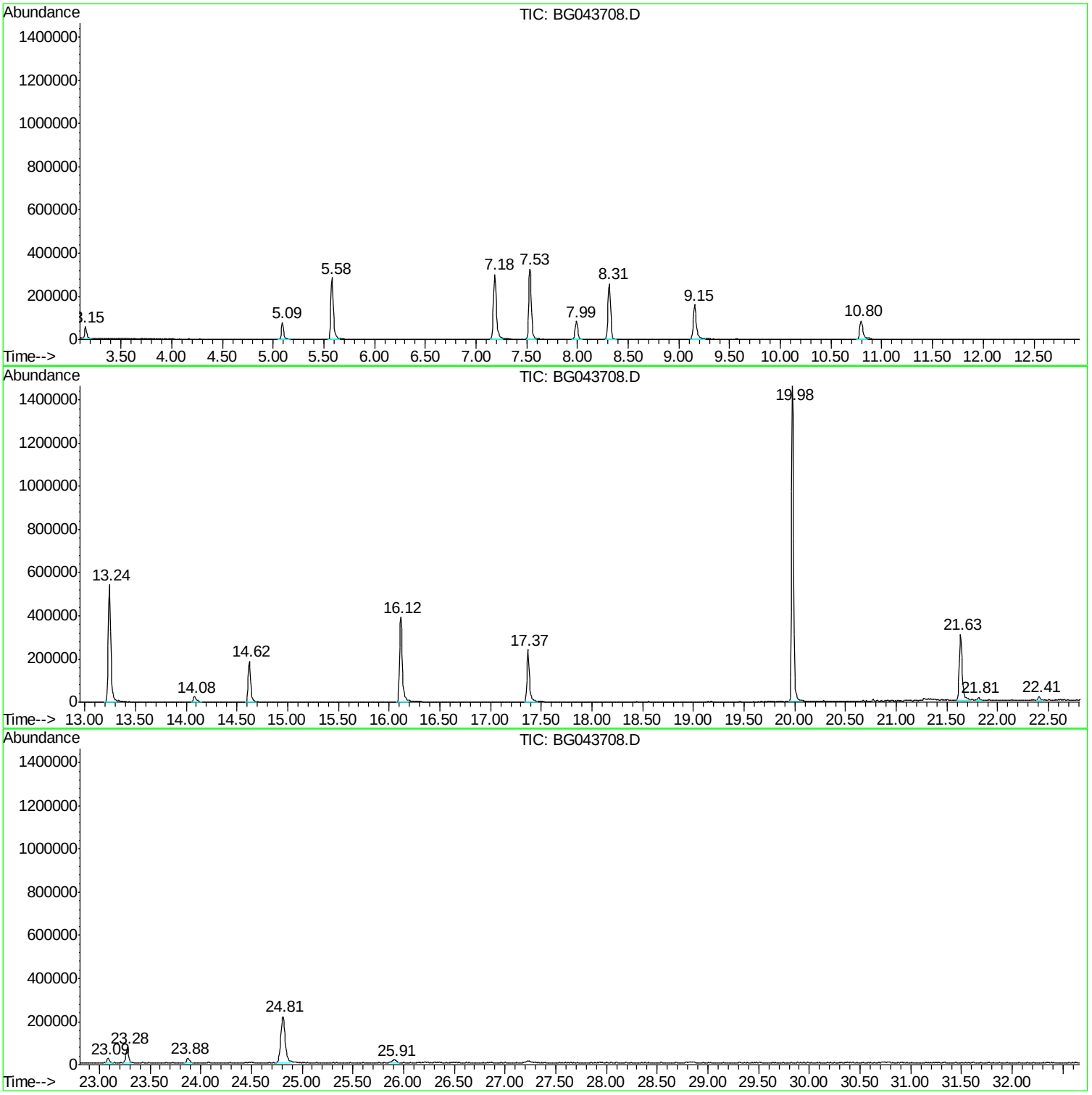
Instrument :
BNA_G
ClientSampleId :
SB-05-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043708.D
Acq On : 19 Nov 2019 21:31
Operator : JU
Sample : K5864-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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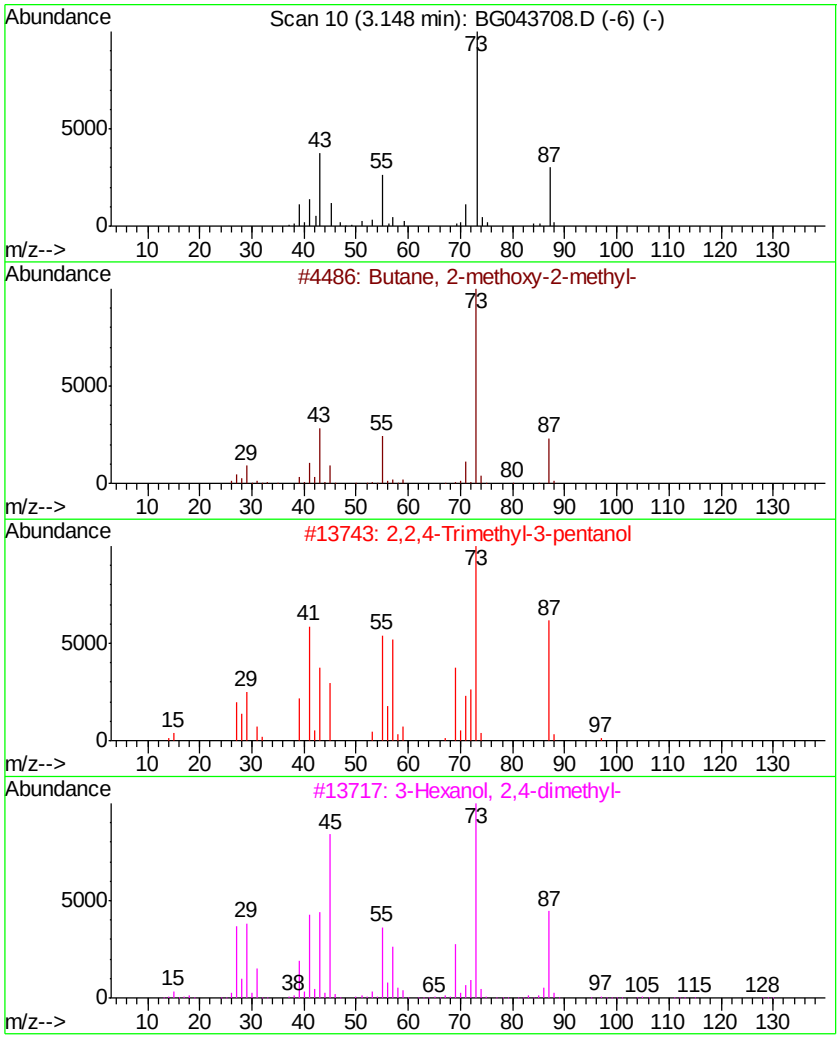
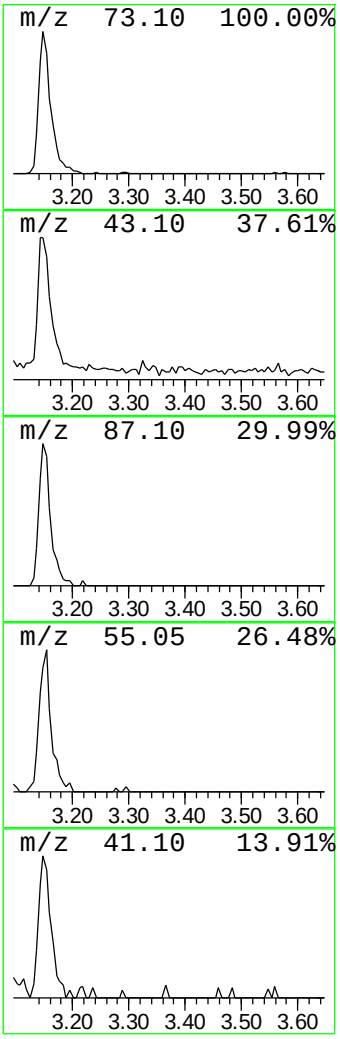
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	10.70 ng	81852	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_G
ClientSampleId : SB-05-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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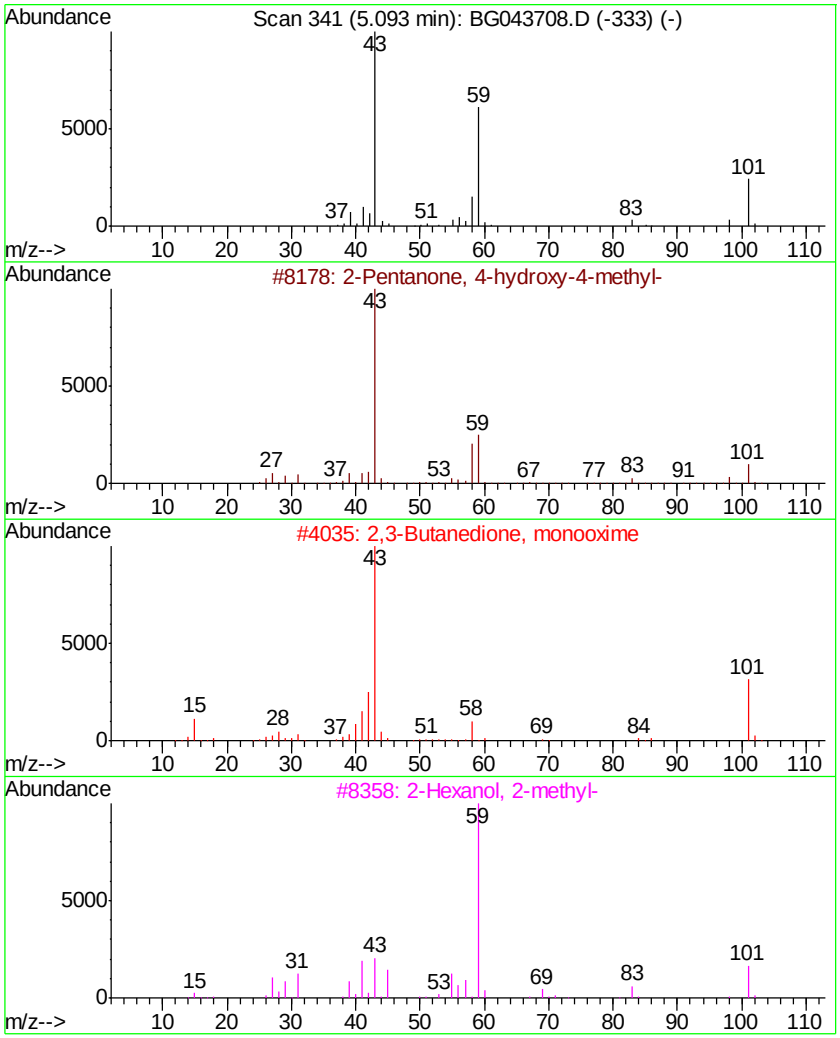
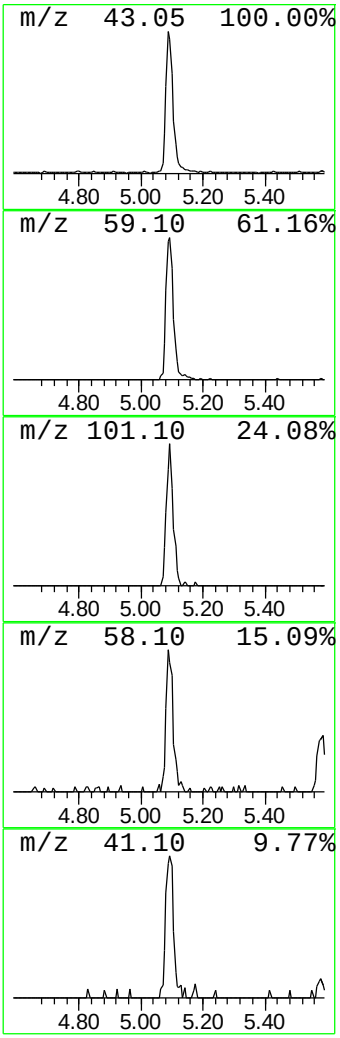
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	16.64 ng	127331	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Data File : BG043708.D
Acq On : 19 Nov 2019 21:31
Operator : JU
Sample : K5864-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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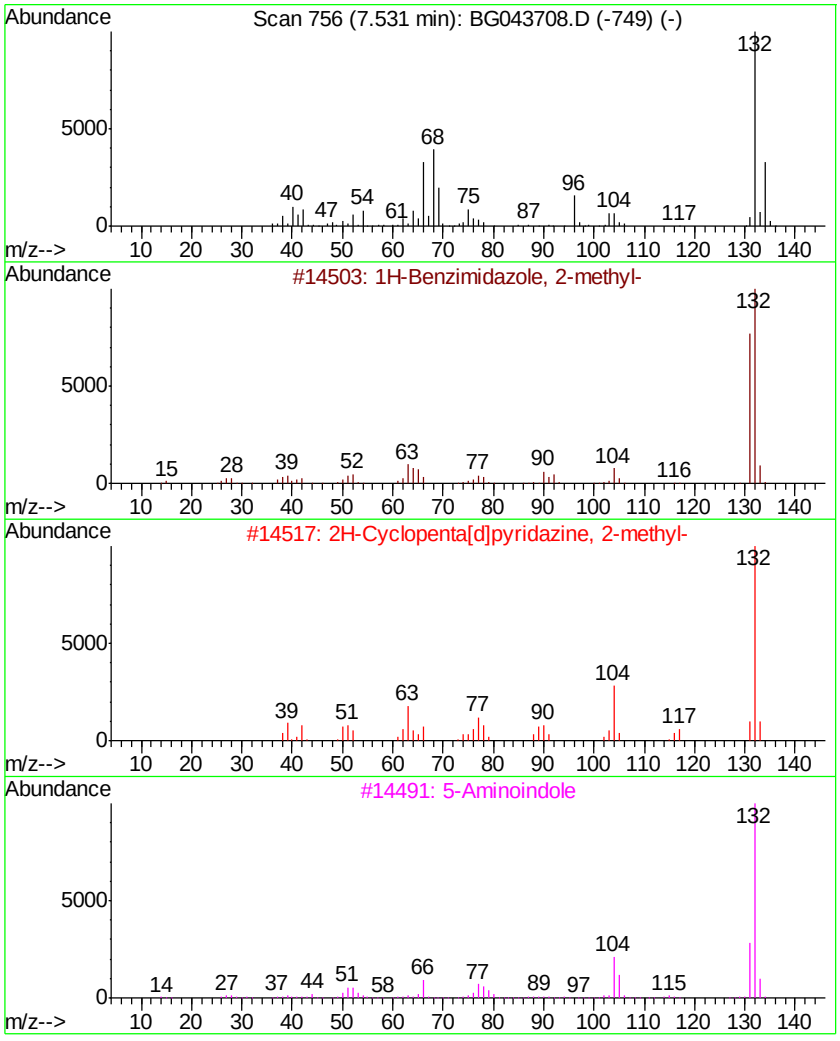
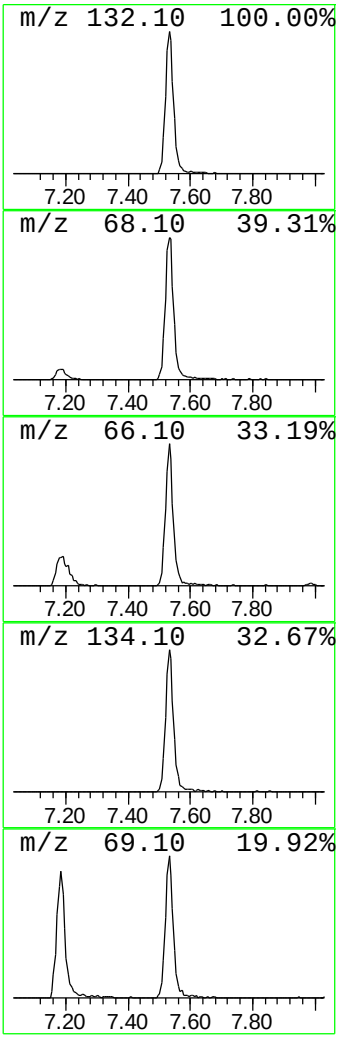
Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	77.96 ng	596425	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-05-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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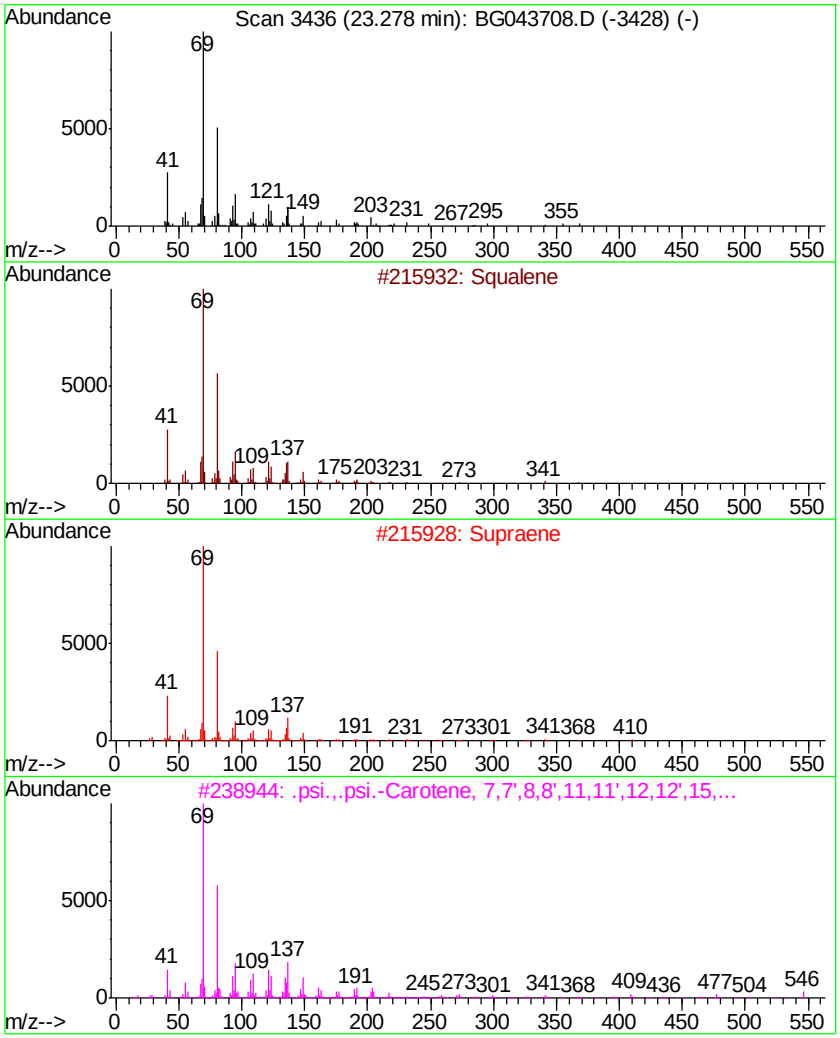
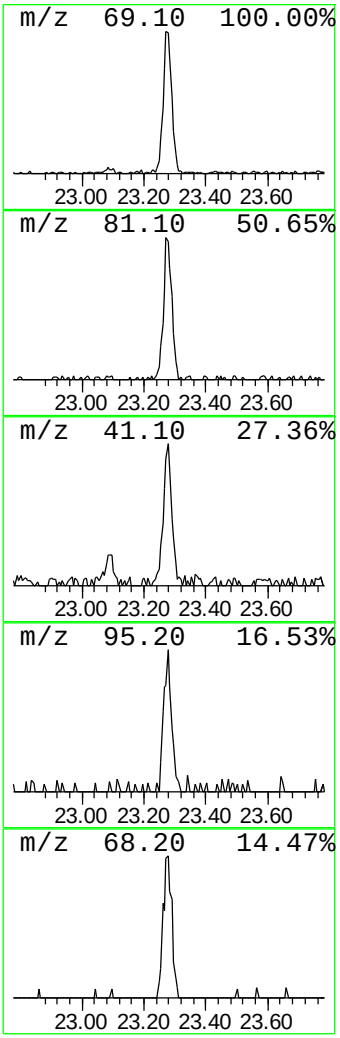
Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	4.12 ng	135180	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	74
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

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Operator : JU
Sample : K5864-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	10.7	ng	81852	1	7.99	153013	20.0
2-Pentanone, 4-hy...	5.09	16.6	ng	127331	1	7.99	153013	20.0
unknown7.53	7.53	78.0	ng	596425	1	7.99	153013	20.0
Squalene	23.28	4.1	ng	135180	6	24.81	656034	20.0