LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023026.D
Acq On : 12 Jul 2016 7:57
Operator : UM/SJ
Sample : H3972-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB09(13-15ft)

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:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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	3.038	29	34	55	rVB	2944111	4338487	56.92%	8.991%
2	5.223	400	406	416	rVB	297517	486137	6.38%	1.008%
3	5.699	479	487	497	rBV	1464032	2459528	32.27%	5.097%
4	7.309	752	761	773	rBV	1791025	3248638	42.62%	6.733%
5	7.679	817	824	834	rBV	1664086	2893868	37.97%	5.998%
6	8.149	896	904	912	rBV2	413492	714092	9.37%	1.480%
7	8.478	951	960	969	rBV	1169618	2124255	27.87%	4.402%
8	9.324	1096	1104	1114	rBV	1191713	2111279	27.70%	4.376%
9	10.981	1376	1386	1397	rVB	664509	1180682	15.49%	2.447%
10	13.420	1792	1801	1808	rBV	3381619	5255669	68.95%	10.892%
11	14.242	1934	1941	1947	rBV	698762	1043327	13.69%	2.162%
12	14.800	2029	2036	2045	rBV2	1159565	1918277	25.17%	3.976%
13	16.293	2284	2290	2301	rBV	2675682	4210990	55.25%	8.727%
14	16.487	2319	2323	2333	rVB3	65536	115633	1.52%	0.240%
15	17.286	2455	2459	2463	rBV2	79274	103128	1.35%	0.214%
16	17.562	2497	2506	2511	rBV	1468255	2333018	30.61%	4.835%
17	17.920	2562	2567	2574	rBV	97293	182122	2.39%	0.377%
18	19.612	2850	2855	2863	rBV	68519	124239	1.63%	0.257%
19	19.971	2913	2916	2924	rVB2	70803	111643	1.46%	0.231%
20	20.165	2943	2949	2956	rVB	5889312	7622007	100.00%	15.797%
21	21.469	3167	3171	3177	rBV6	143663	217289	2.85%	0.450%
22	21.869	3232	3239	3245	rBV2	1514799	2640145	34.64%	5.472%
23	23.602	3528	3534	3542	rVB2	136426	292371	3.84%	0.606%
24	25.247	3805	3814	3828	rVB2	845110	2524391	33.12%	5.232%

Sum of corrected areas: 48251215

LSC Report - Integrated Chromatogram

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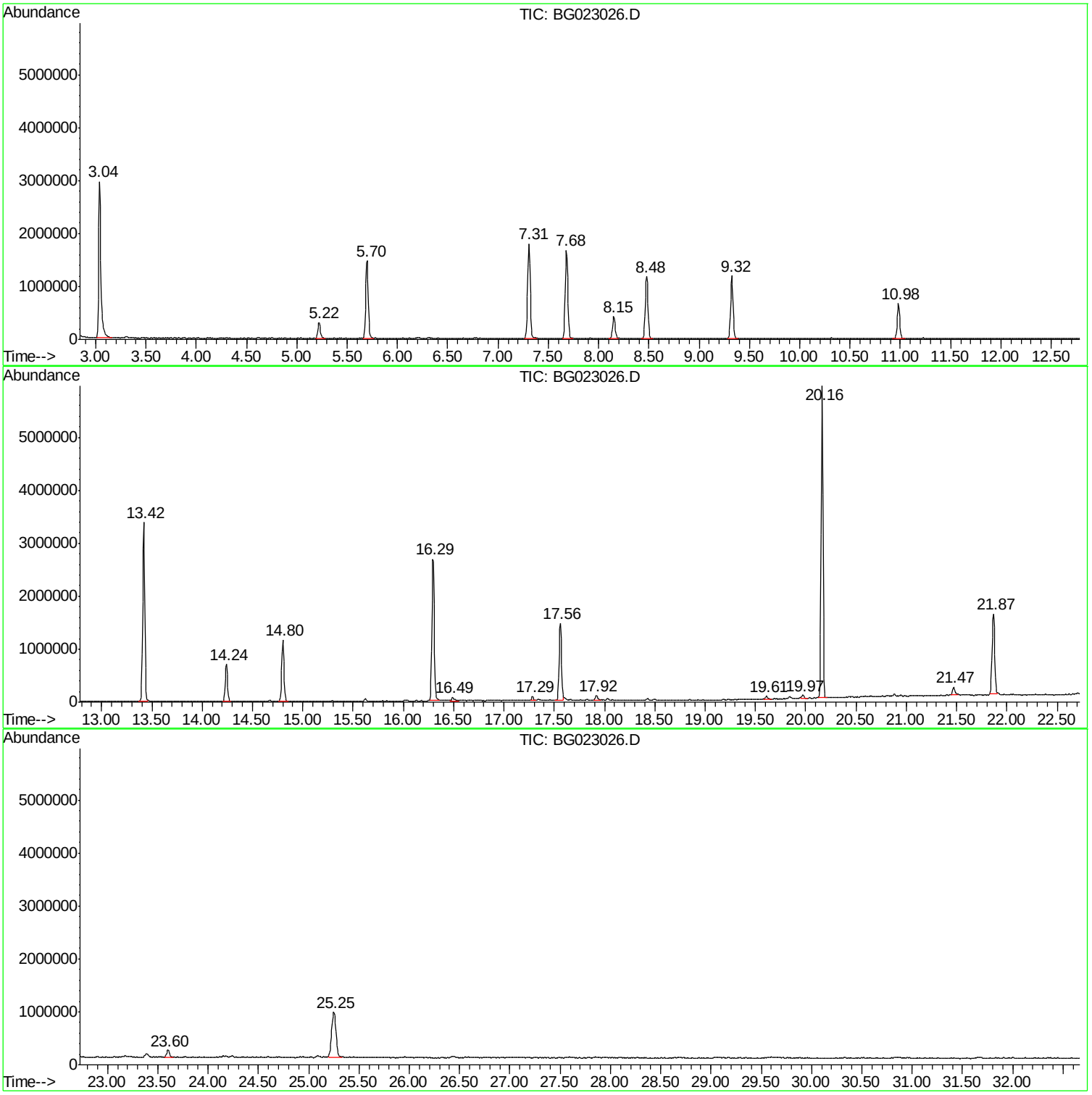
BNA_G
ClientSampleId :
LSS-SB-SB09(13-15ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_G
ClientSampleId : LSS-SB-SB09(13-15ft)

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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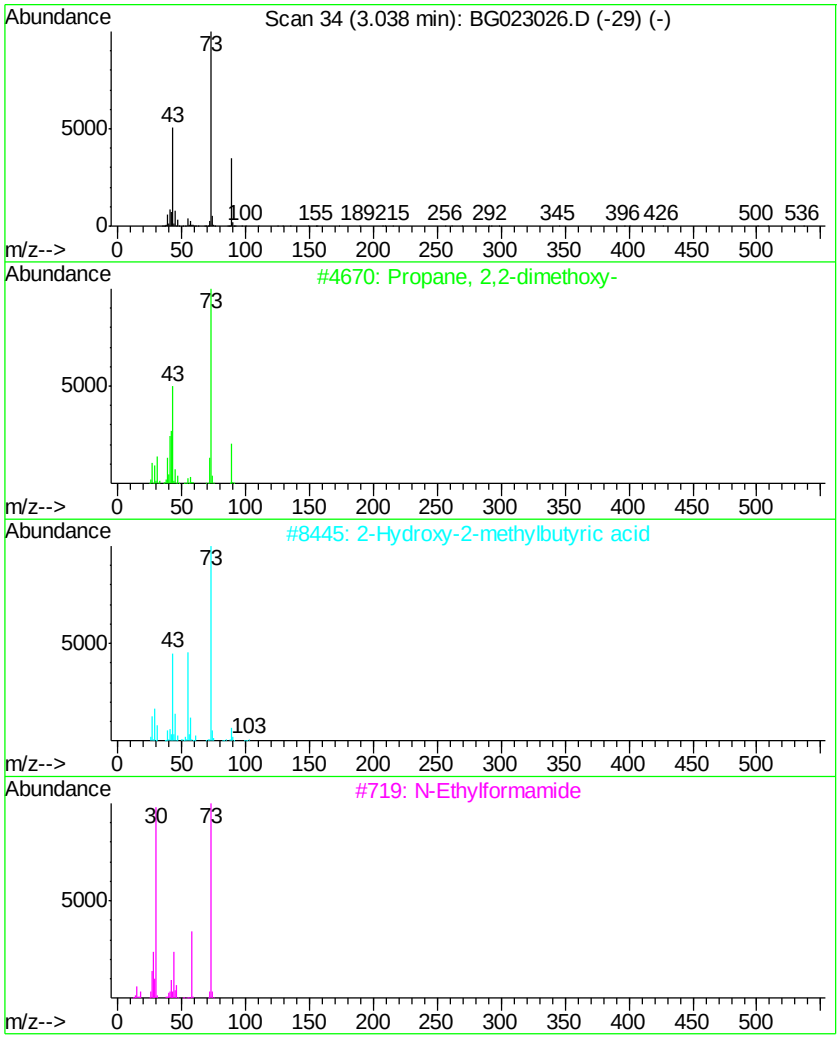
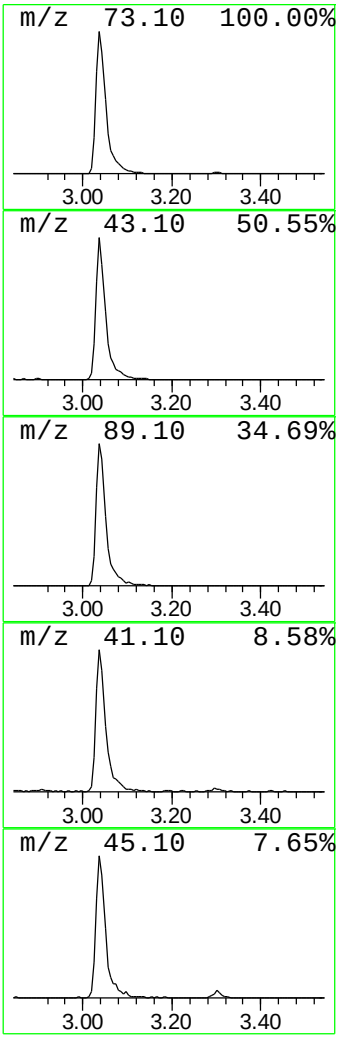
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	121.51 ng	4338490	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	33
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Instrument : BNA_G
ClientSampleId : LSS-SB-SB09(13-15ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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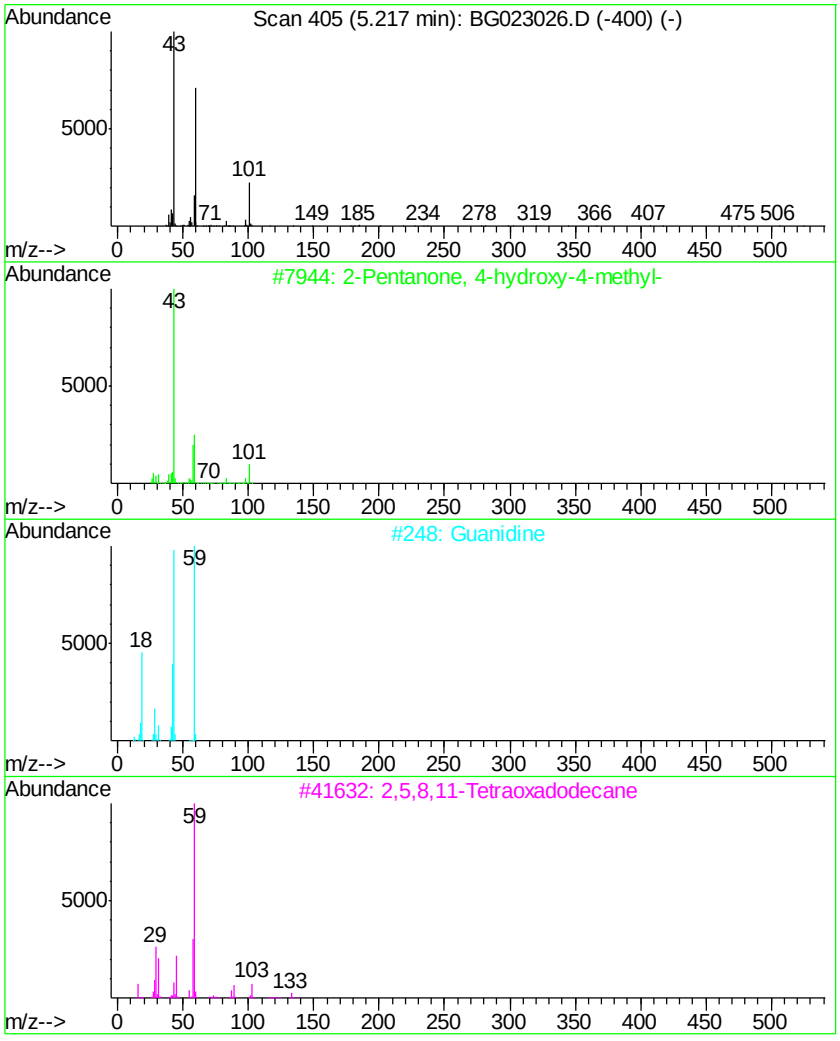
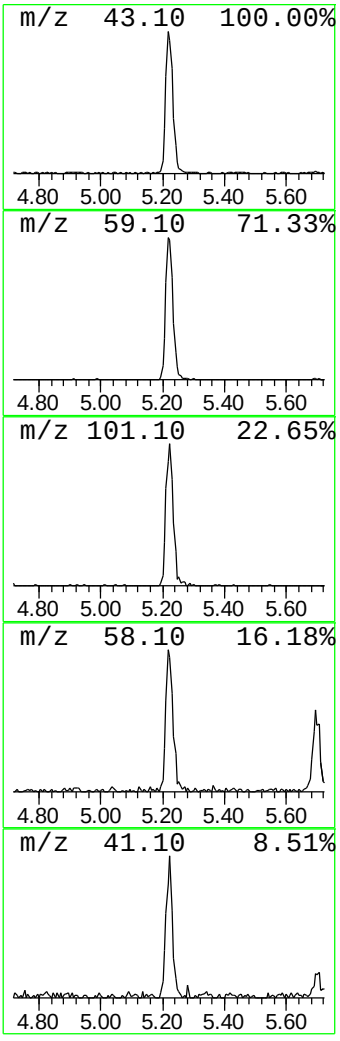
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	13.62 ng	486137	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	53
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	40
4	Dimethadione	129	C5H7NO3	000695-53-4	38
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38





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Sample : H3972-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB09(13-15ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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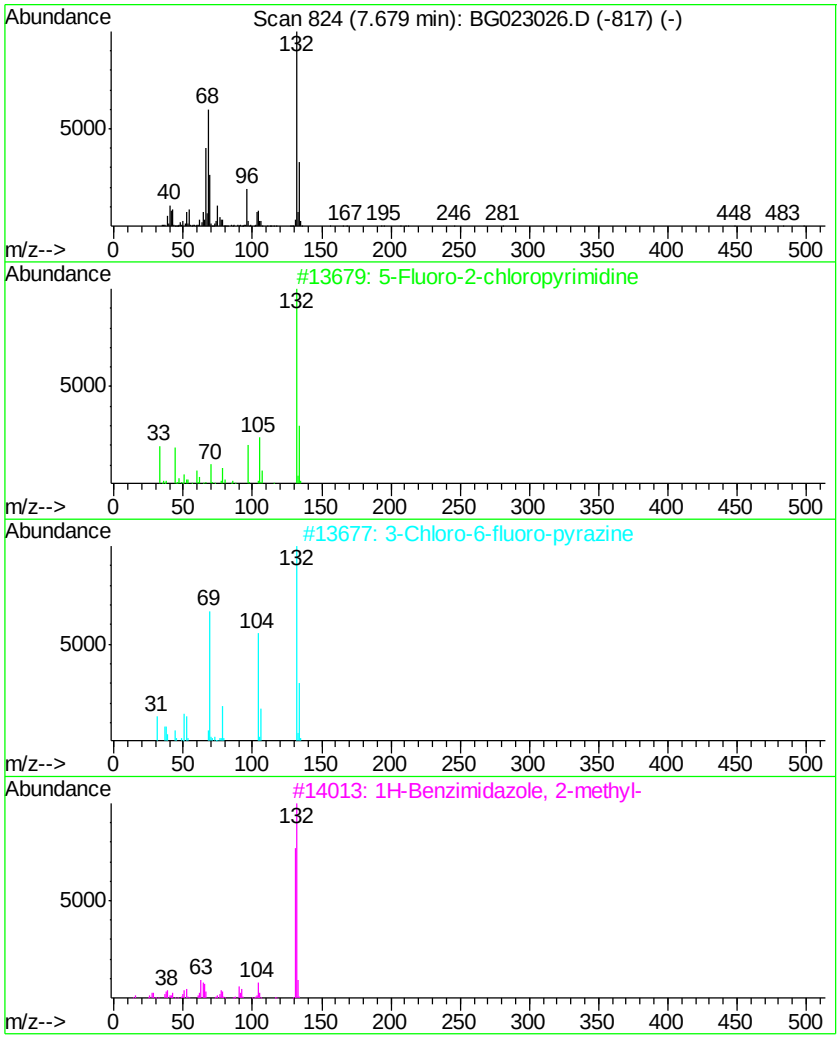
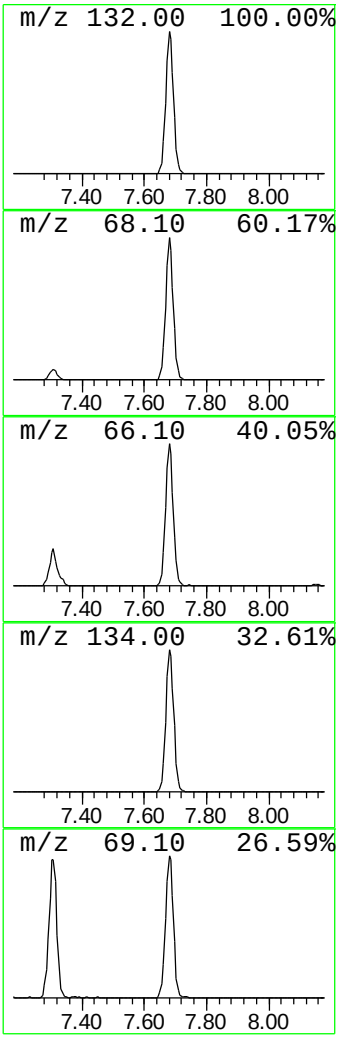
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	81.05 ng	2893870	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_G
ClientSampleId : LSS-SB-SB09(13-15ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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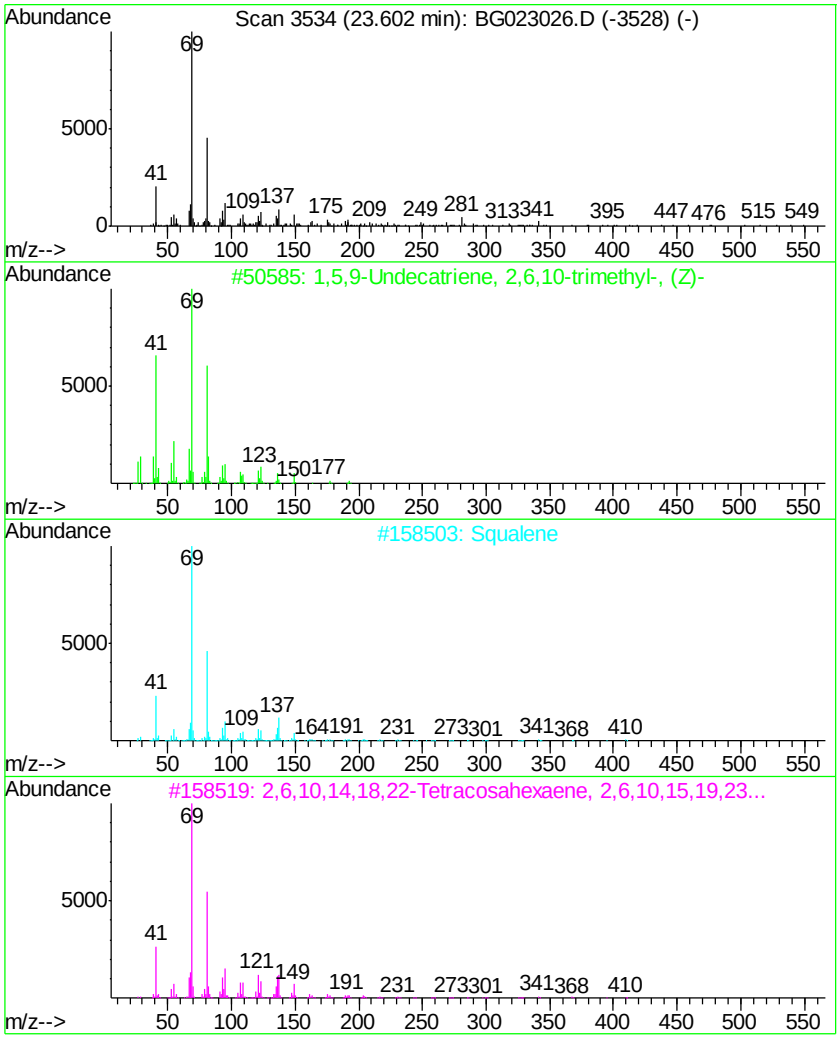
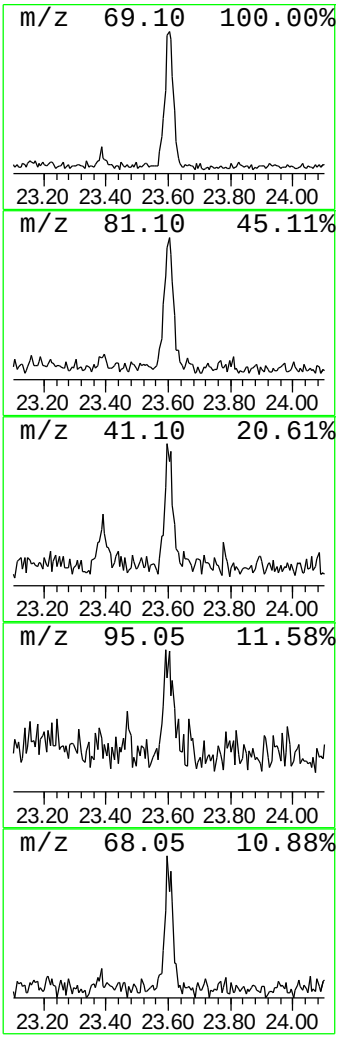
Peak Number 5 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	2.32 ng	292371	Perylene-d12	25.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
2	Squalene	410	C30H50	007683-64-9	72
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	64
5	Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	121.5	ng	4338490	1	8.16	714092	20.0
2-Pentanone, 4-hy...	5.22	13.6	ng	486137	1	8.16	714092	20.0
unknown7.68	7.68	81.0	ng	2893870	1	8.16	714092	20.0
1,5,9-Undecatrien...	23.60	2.3	ng	292371	6	25.25	2524390	20.0