LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023027.D
Acq On : 12 Jul 2016 8:37
Operator : UM/SJ
Sample : H3936-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(9-10)

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	rBV	4618831	6969304	79.48%	12.920%
2	5.217	400	405	412	rVB	93321	156253	1.78%	0.290%
3	5.693	479	486	495	rBV	1708219	2858528	32.60%	5.299%
4	7.303	751	760	773	rBV	2003821	3577012	40.80%	6.631%
5	7.679	816	824	832	rBV	1874326	3255271	37.13%	6.035%
6	8.149	896	904	911	rBV	363090	661410	7.54%	1.226%
7	8.478	952	960	969	rBV	1312316	2292146	26.14%	4.249%
8	9.324	1097	1104	1115	rVB	1304106	2292837	26.15%	4.251%
9	10.981	1379	1386	1394	rBV	598156	1090998	12.44%	2.023%
10	13.420	1792	1801	1814	rBV	3657228	5695866	64.96%	10.559%
11	14.242	1935	1941	1948	rBV	527542	814263	9.29%	1.510%
12	14.800	2028	2036	2044	rBV2	1089424	1772460	20.21%	3.286%
13	16.293	2283	2290	2303	rBV	3419536	5256736	59.95%	9.745%
14	16.487	2318	2323	2331	rBV2	146057	242553	2.77%	0.450%
15	17.556	2499	2505	2514	rBV2	1443219	2187320	24.95%	4.055%
16	18.425	2648	2653	2658	rBV2	156963	216991	2.47%	0.402%
17	20.165	2943	2949	2960	rBV	6360156	8768233	100.00%	16.255%
18	21.469	3167	3171	3179	rBV2	218273	380499	4.34%	0.705%
19	21.869	3232	3239	3247	rVB	1518608	2559633	29.19%	4.745%
20	22.039	3264	3268	3274	rBV2	96690	152181	1.74%	0.282%
21	22.679	3372	3377	3381	rBV4	73792	131124	1.50%	0.243%
22	23.408	3495	3501	3505	rBV6	54299	98843	1.13%	0.183%
23	25.253	3805	3815	3831	rVB2	808249	2511972	28.65%	4.657%

Sum of corrected areas: 53942433

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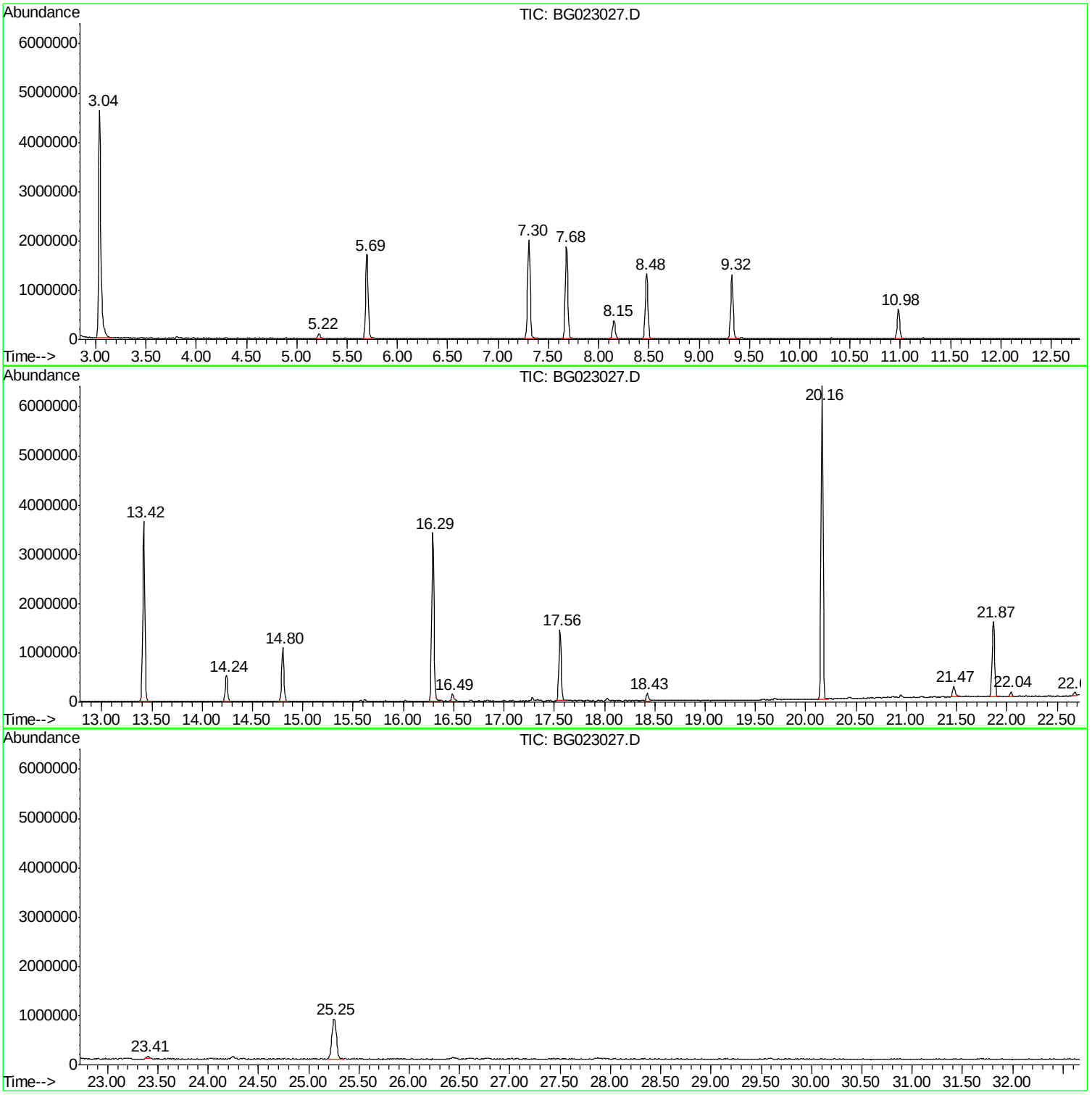
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023027.D
Acq On : 12 Jul 2016 8:37
Operator : UM/SJ
Sample : H3936-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1(9-10)

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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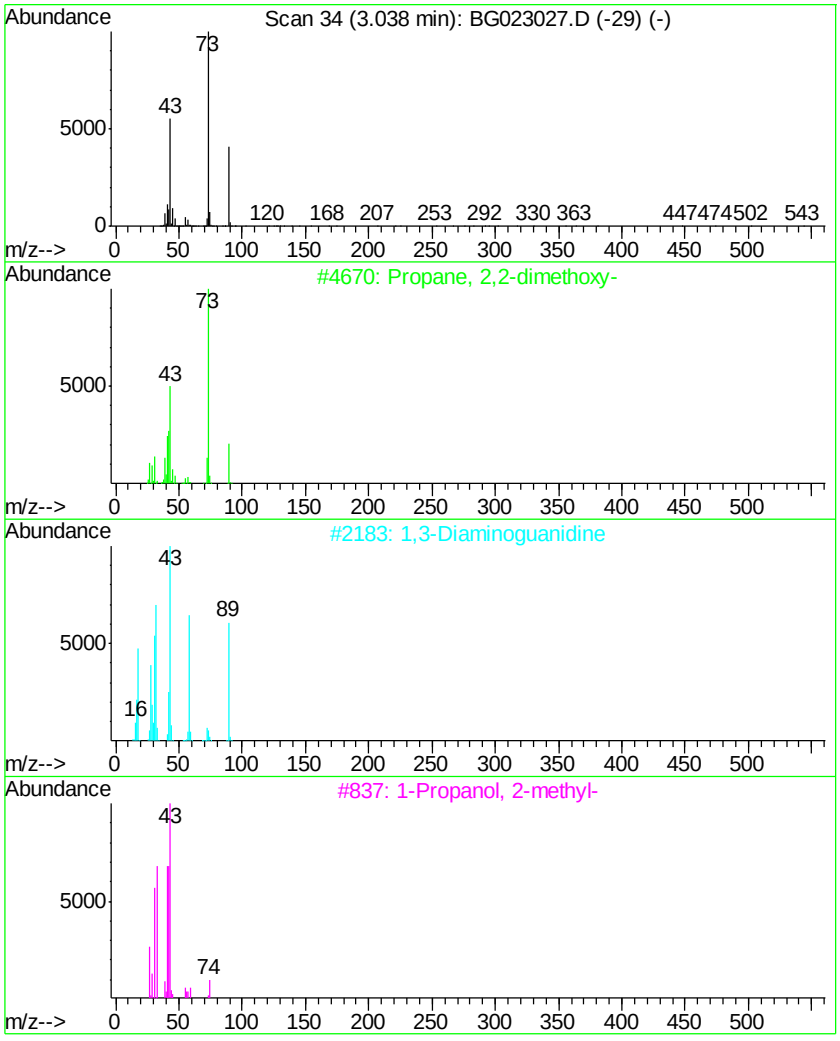
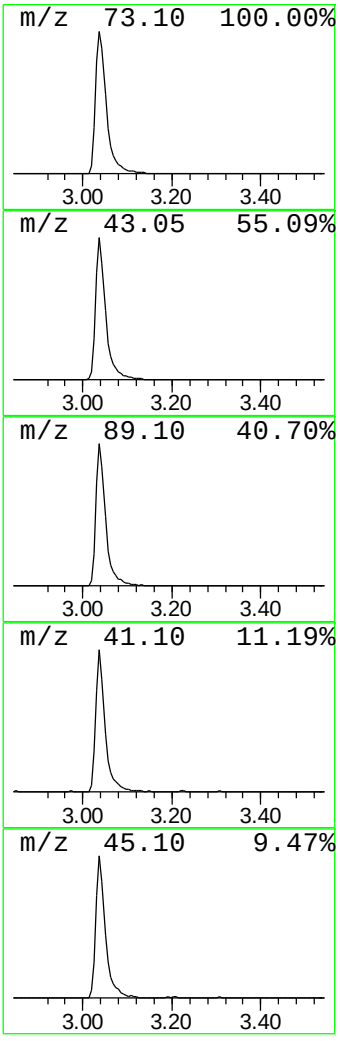
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	210.74 ng	6969300	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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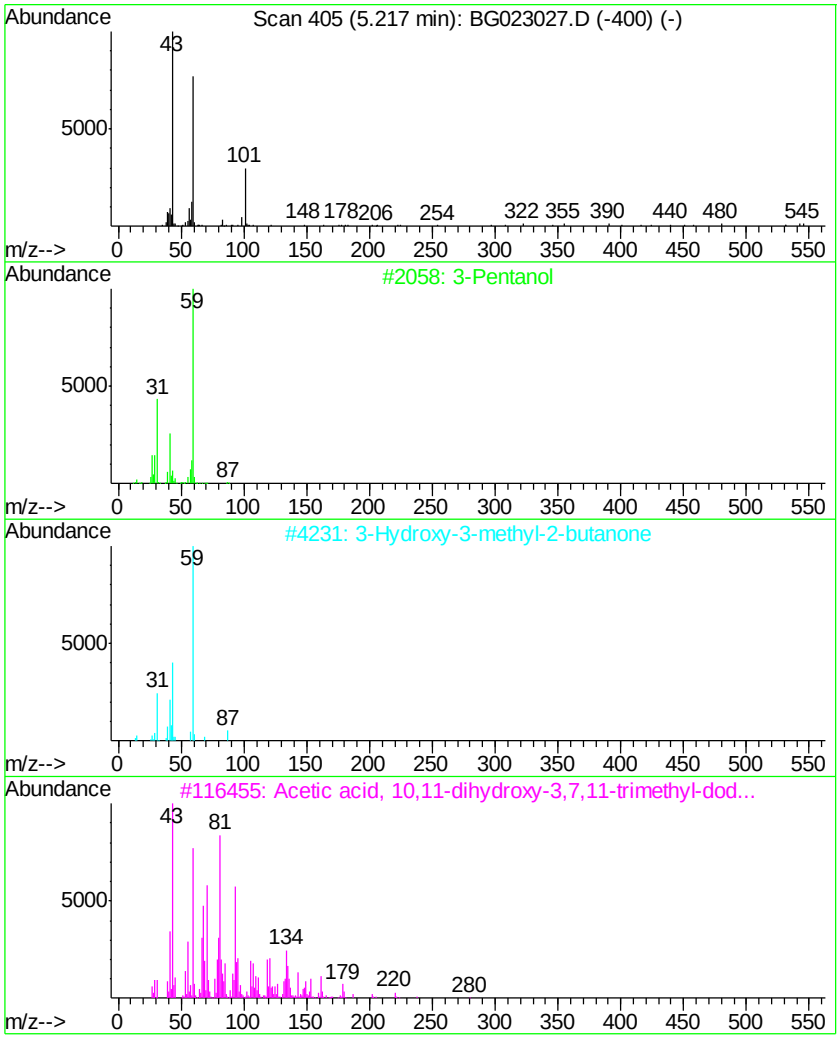
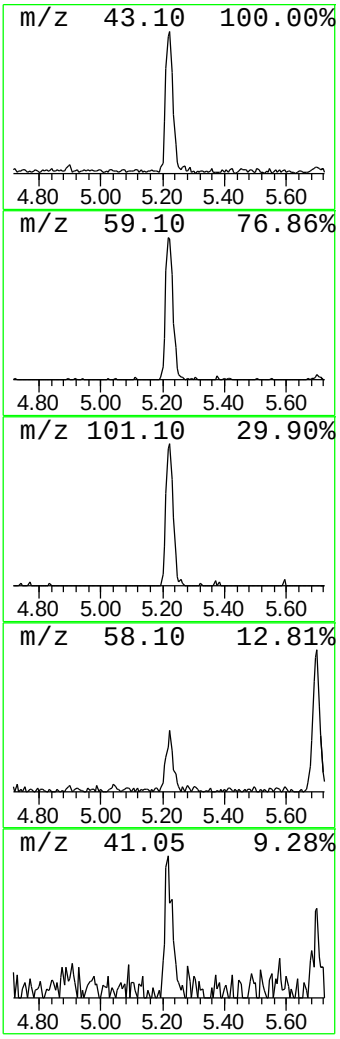
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.72 ng	156253	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	40
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	40
3	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	40
4	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	39
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39





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Sample : H3936-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
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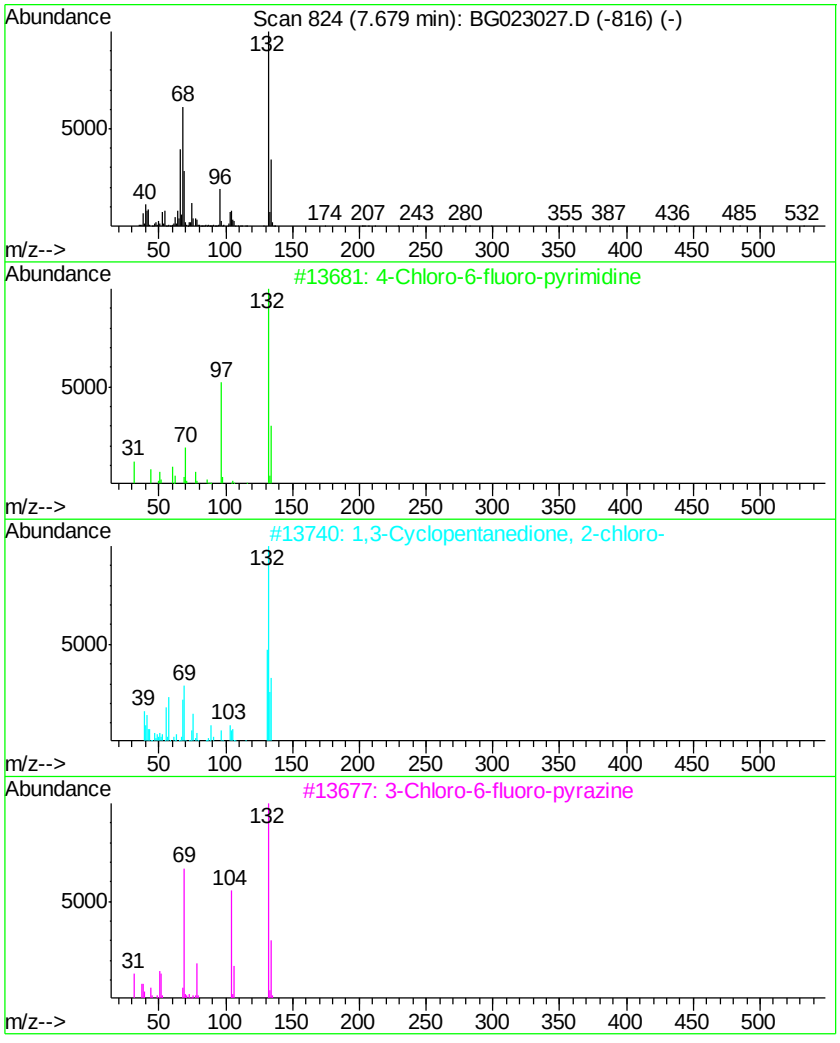
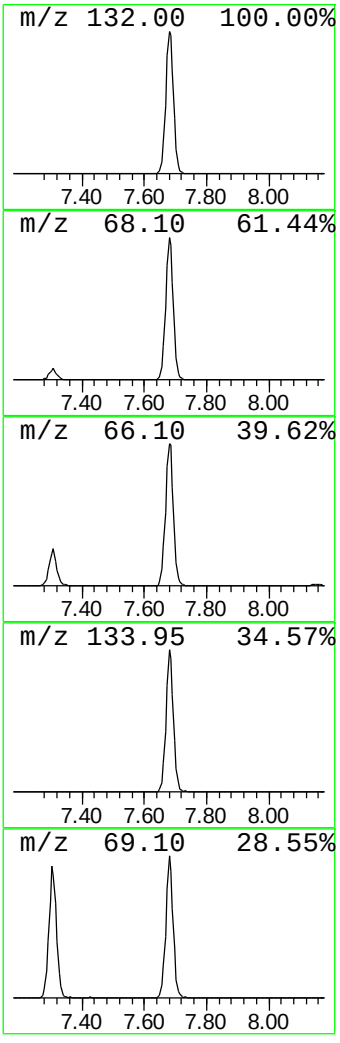
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	98.43 ng	3255270	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Instrument : BNA_G
ClientSampleId : SB-1(9-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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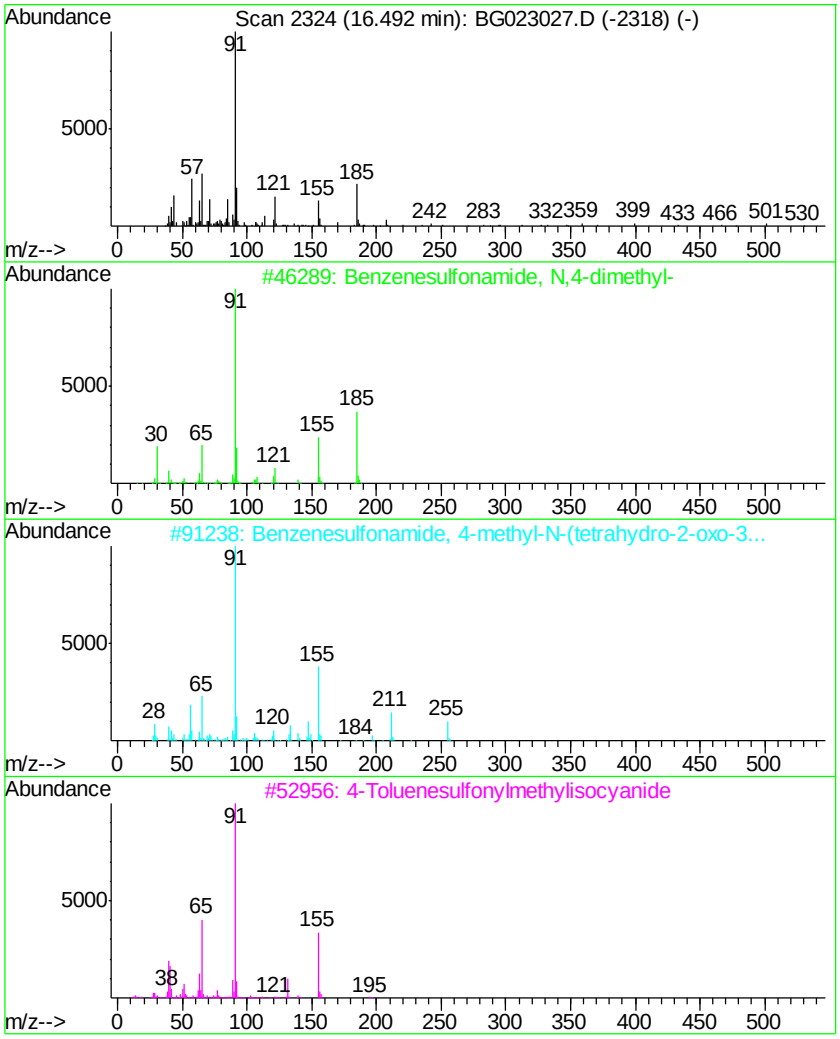
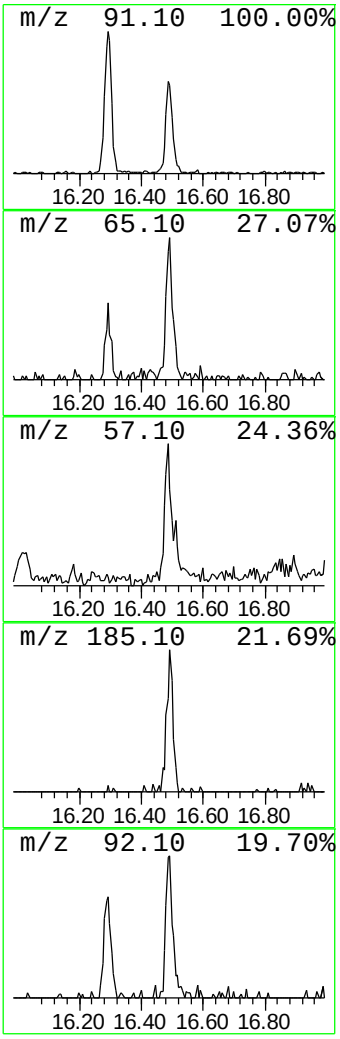
Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.22 ng	242553	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	60
2	Benzenesulfonamide, 4-methyl-N-(...	255	C11H13NO4S	006513-20-8	47
3	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
4	Benzenesulfonyl chloride, 4-methyl-	190	C7H7ClO2S	000098-59-9	47
5	Benzenesulfonamide, 4-methyl-N-a...	211	C10H13NO2S	050487-71-3	47





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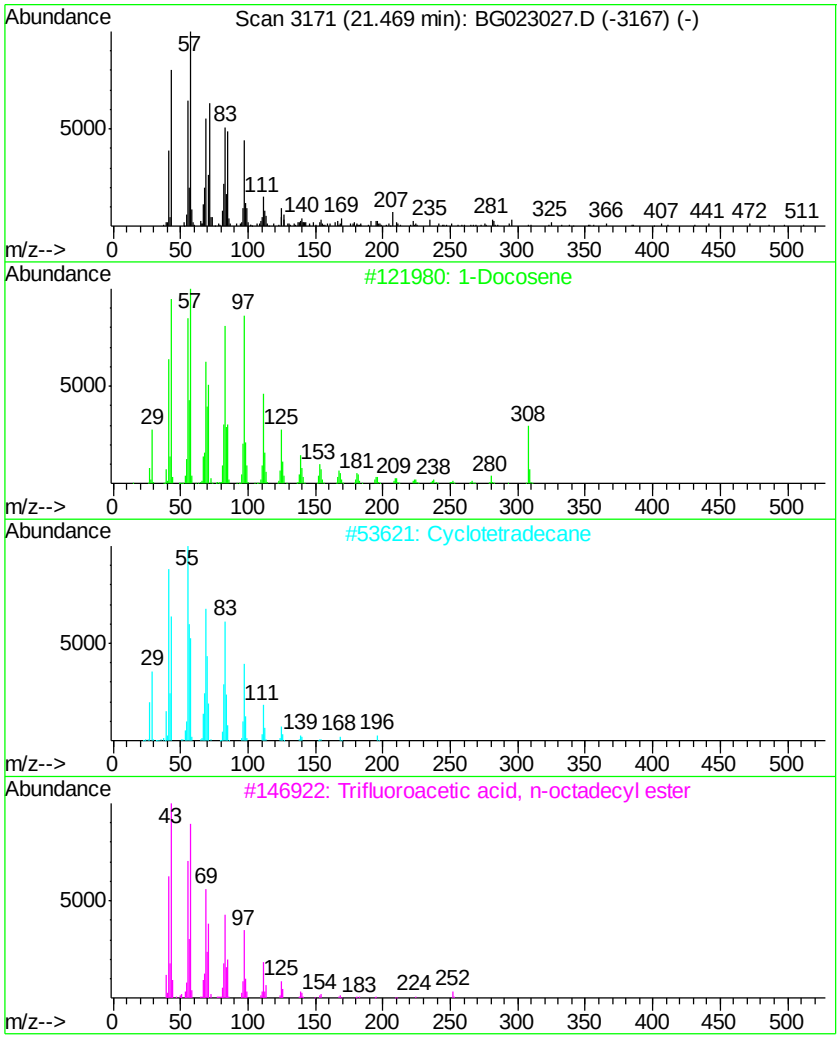
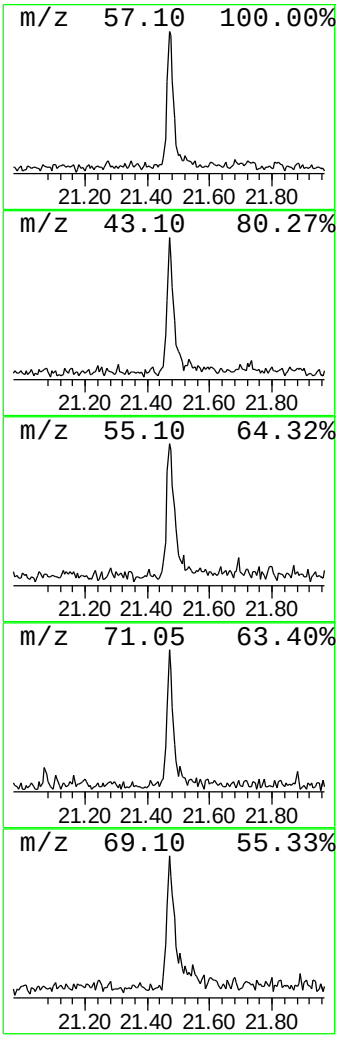
Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.97 ng	380499	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Cyclotetradecane	196	C14H28	000295-17-0	62
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58
4	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	55
5	1-Nonadecanol	284	C19H40O	001454-84-8	53





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	210.7	ng	6969300	1	8.15	661410	20.0
unknown5.22	5.22	4.7	ng	156253	1	8.15	661410	20.0
unknown7.68	7.68	98.4	ng	3255270	1	8.15	661410	20.0
Benzenesulfonamid...	16.49	2.2	ng	242553	4	17.56	2187320	20.0
1-Docosene	21.47	3.0	ng	380499	5	21.87	2559630	20.0