

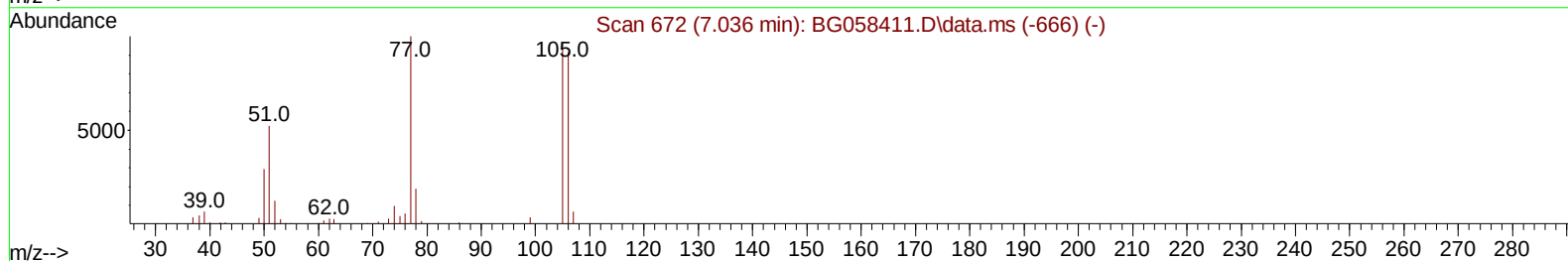
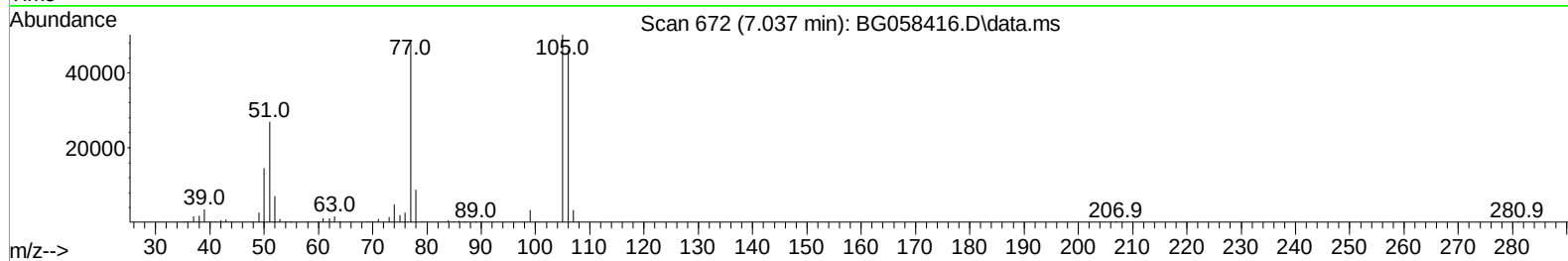
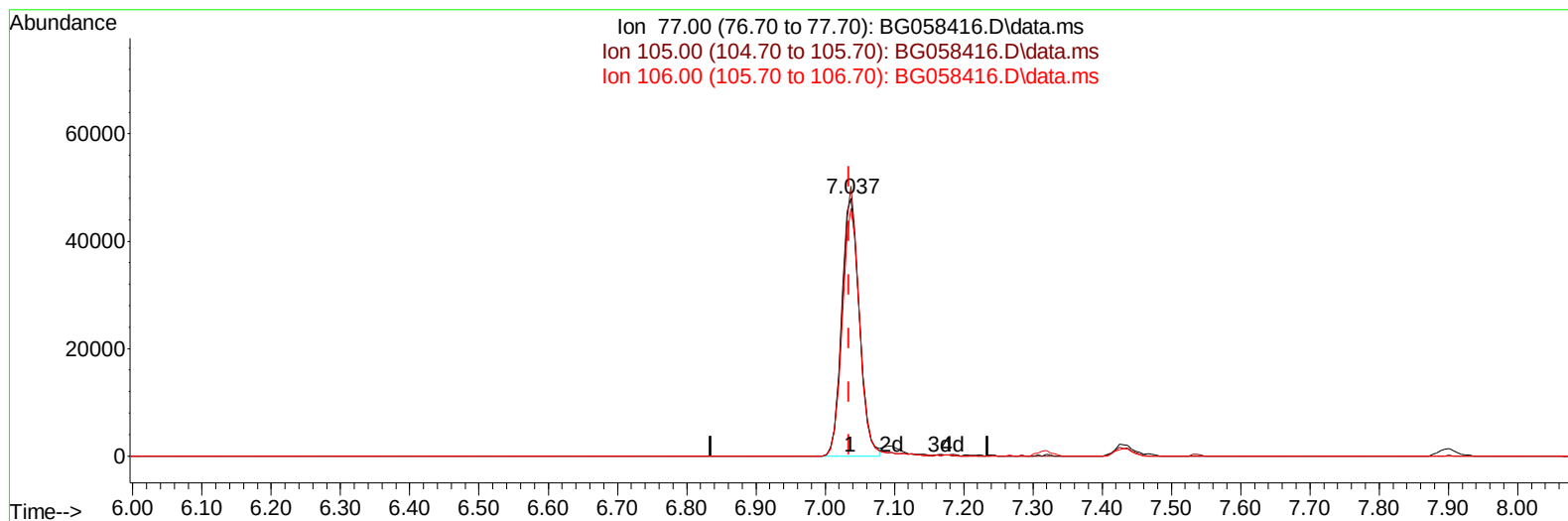
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058416.D
Acq On : 23 Jul 2023 1:48
Operator : CG/JU
Sample : PB154136BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS136

Manual IntegrationsAPPROVED

Quant Time: Jul 24 10:32:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



TIC: BG058416.D\data.ms

(6) Benzaldehyde

7.037min (+ 0.002) 35.51 ng/ul

response 84862

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	104.55
106.00	89.50	95.95
0.00	0.00	0.00

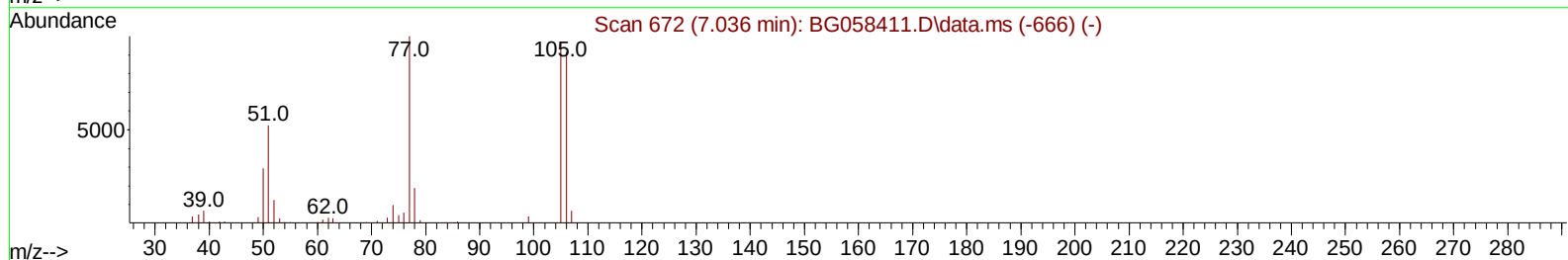
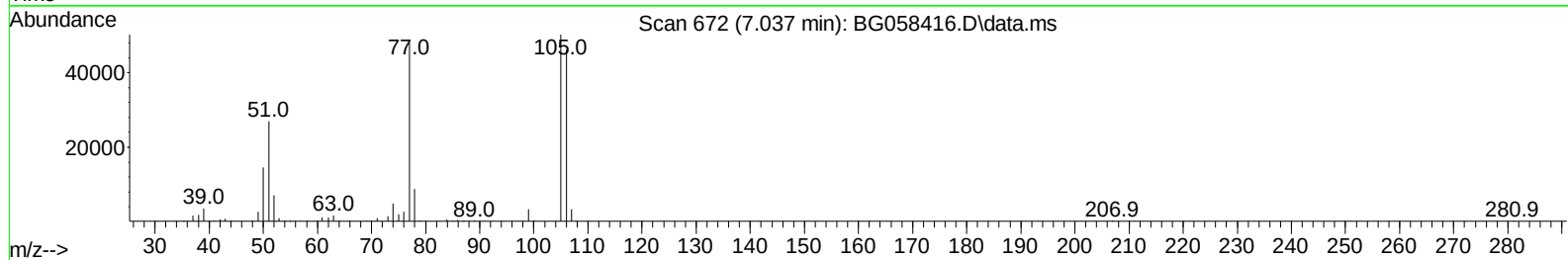
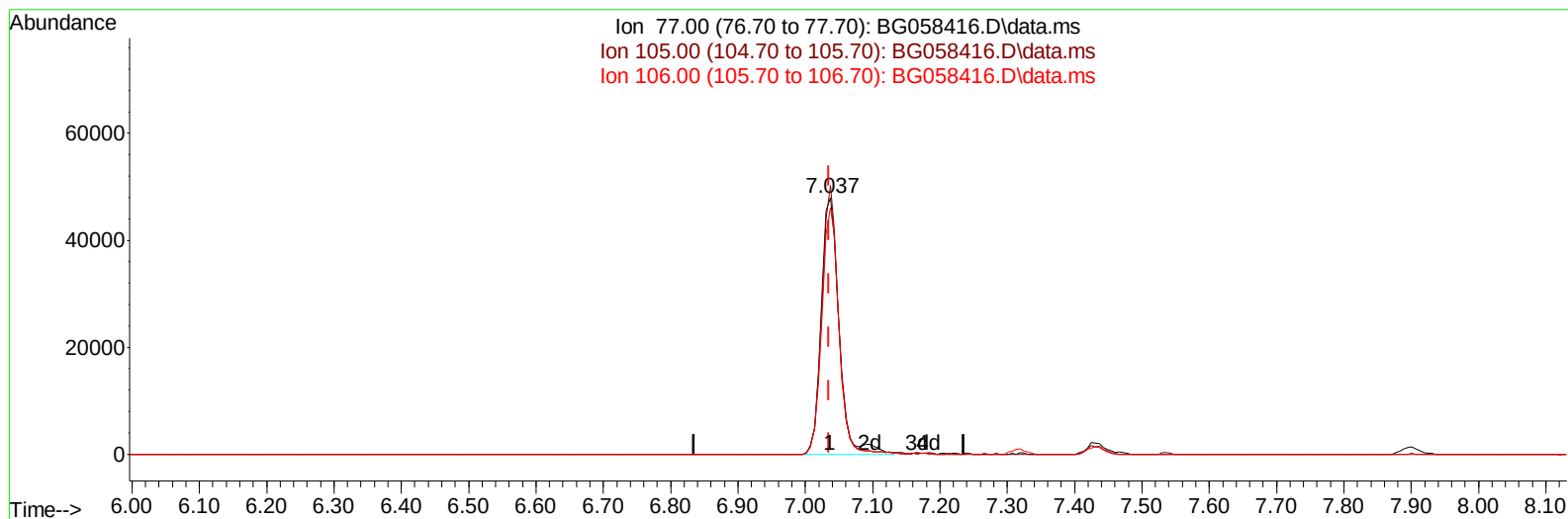
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Quant Time: Jul 23 03:17:19 2023
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 Supervised By :mohammad ahmed 07/25/2023



TIC: BG058416.D\data.ms

(6) Benzaldehyde

7.037min (+ 0.002) 36.95 ng/ul m

response 88301

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	104.55
106.00	89.50	95.95
0.00	0.00	0.00

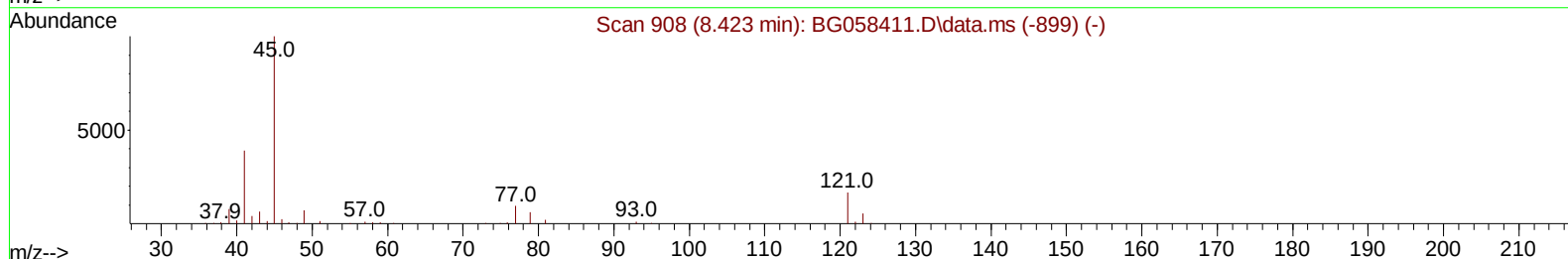
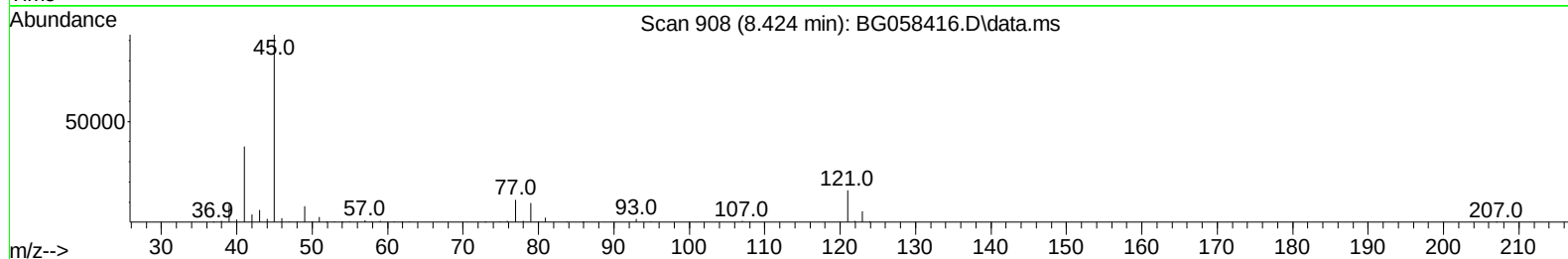
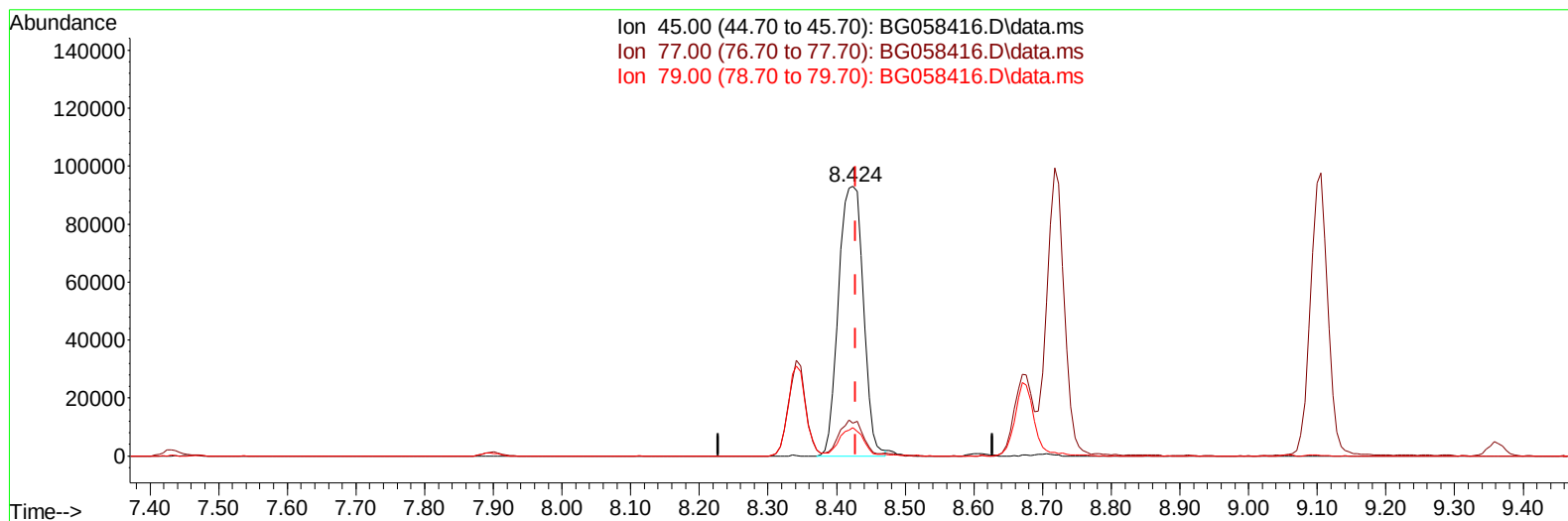
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TIC: BG058416.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.424min (-0.004) 30.17 ng/u1

response 232732

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.80	12.16
79.00	9.30	10.47
0.00	0.00	0.00

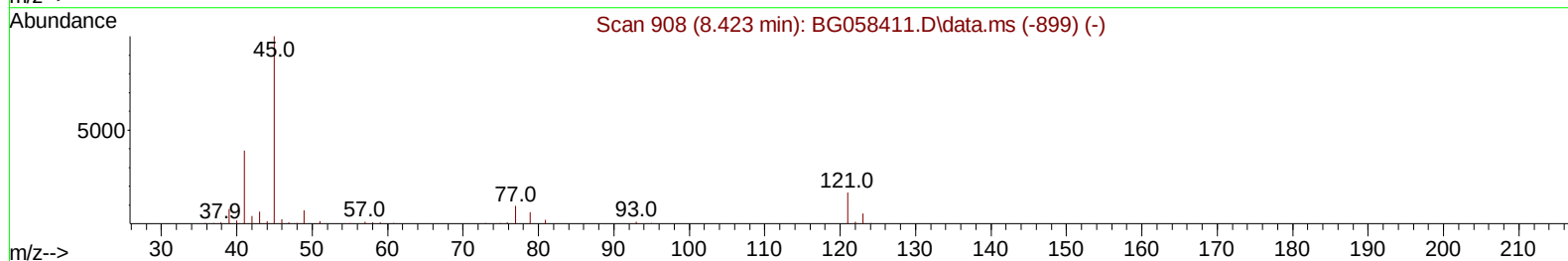
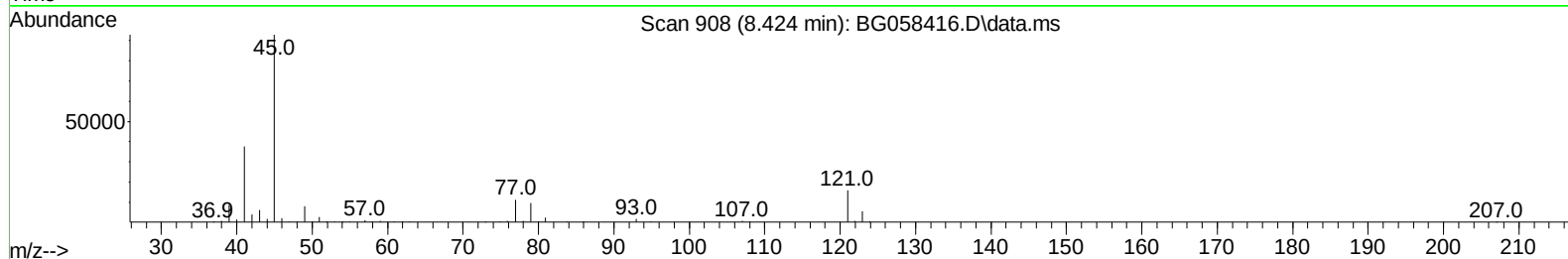
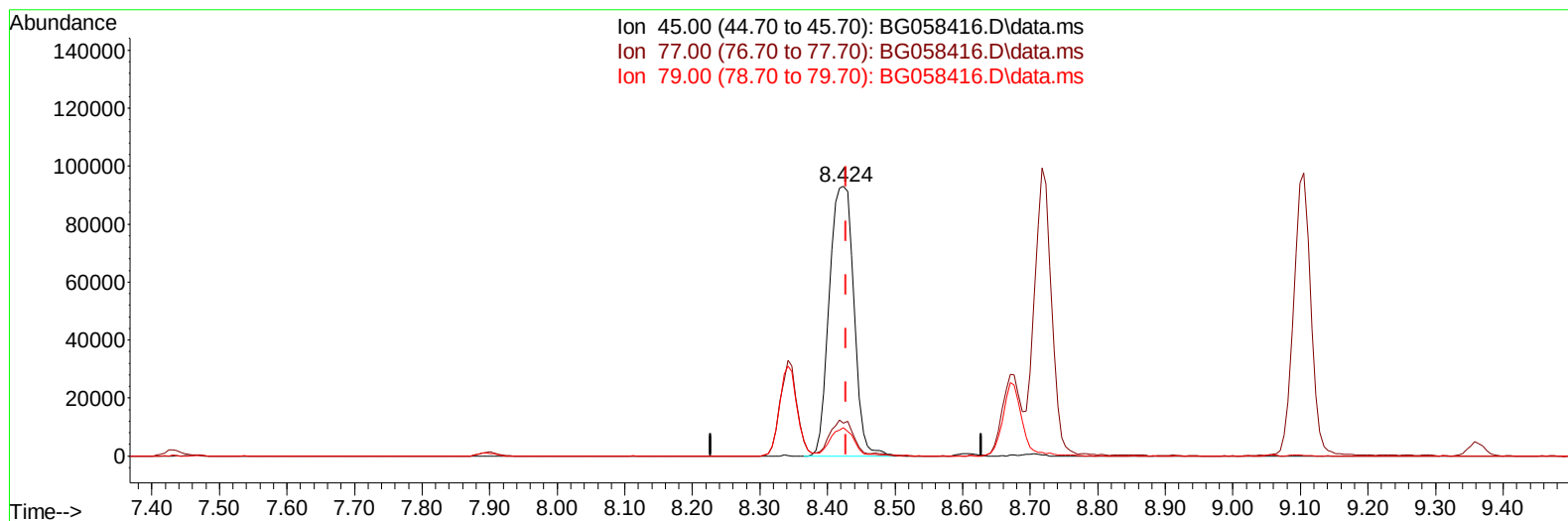
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058416.D
Acq On : 23 Jul 2023 1:48
Operator : CG/JU
Sample : PB154136BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS136

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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TIC: BG058416.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.424min (-0.004) 30.38 ng/ul m

response 234405

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.80	12.16
79.00	9.30	10.47
0.00	0.00	0.00

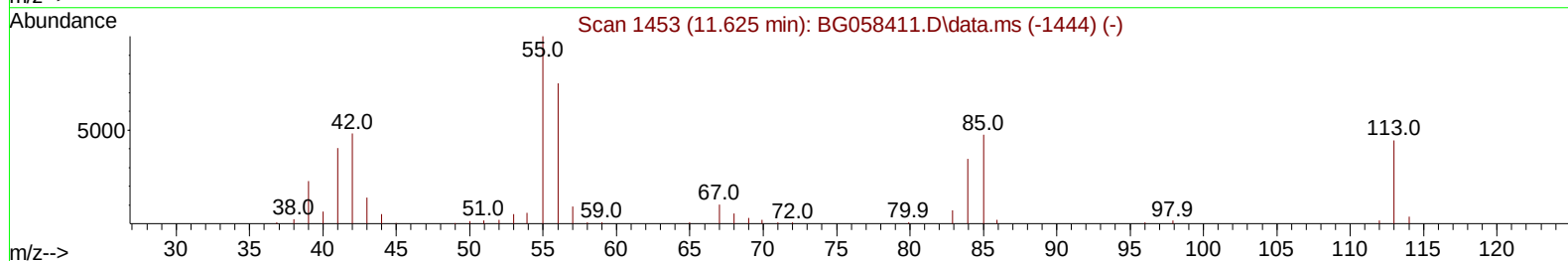
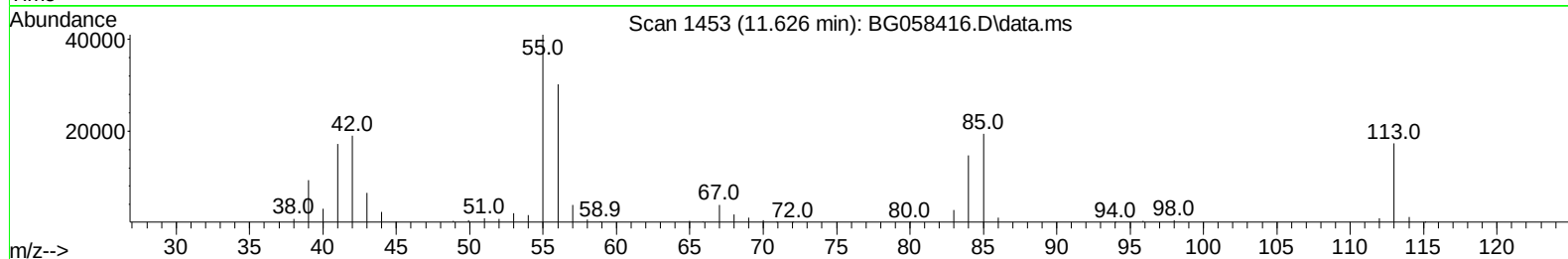
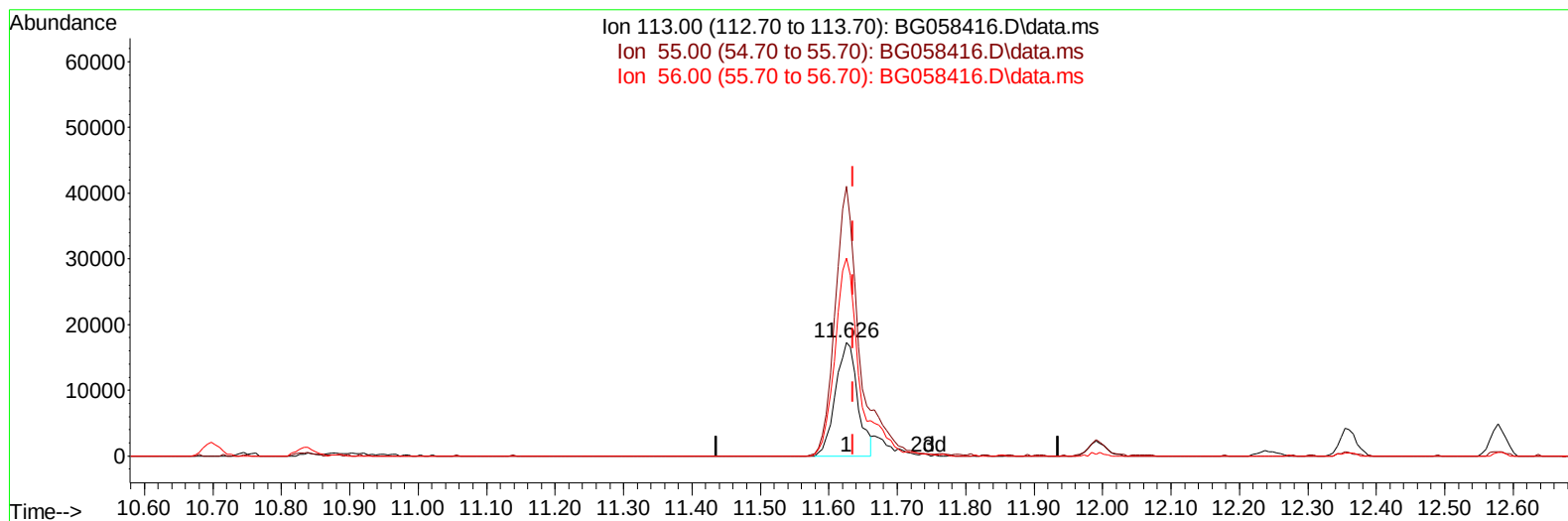
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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TIC: BG058416.D\data.ms

(34) Caprolactam

11.626min (-0.010) 23.00 ng/ul

response 38909

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	236.92
56.00	165.30	174.31
0.00	0.00	0.00

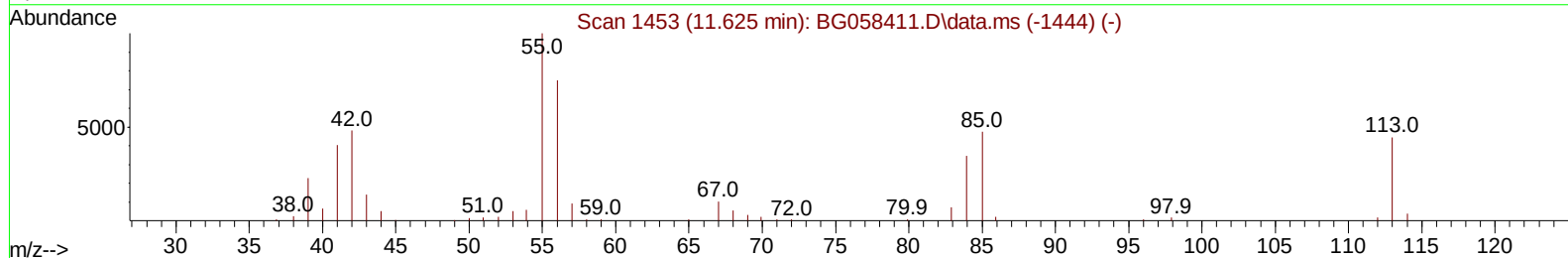
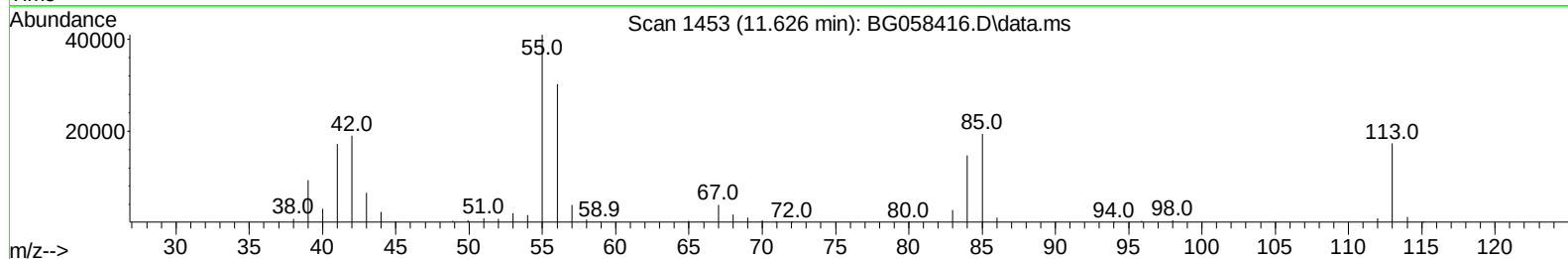
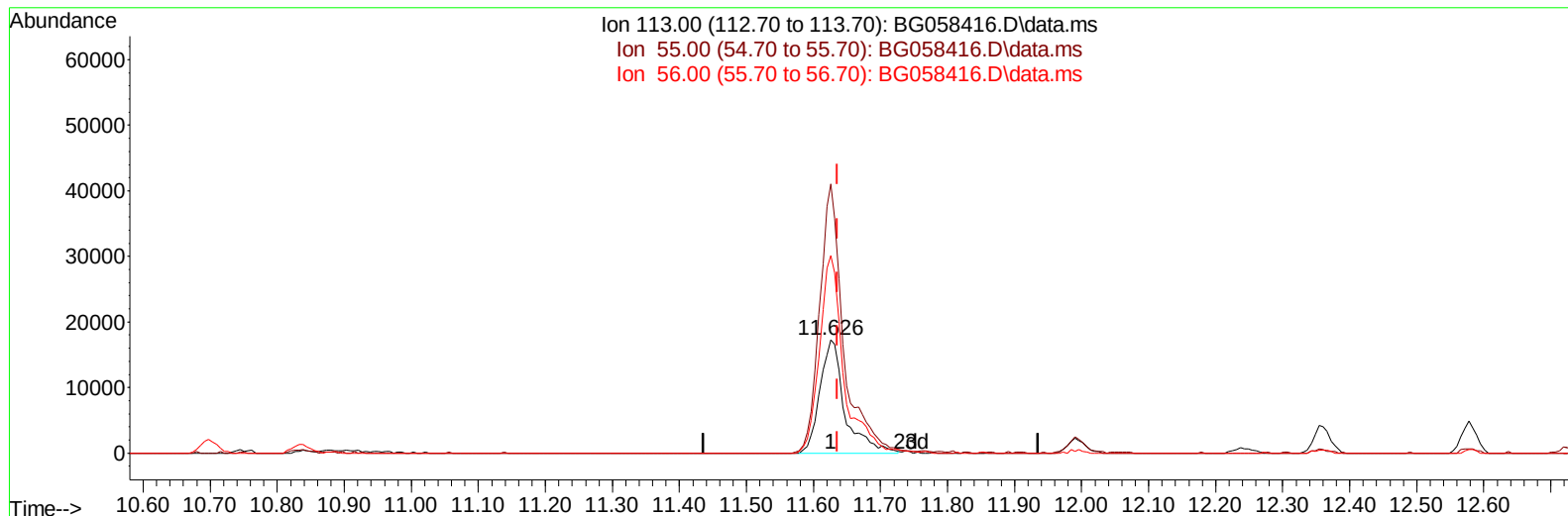
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058416.D
 Acq On : 23 Jul 2023 1:48
 Operator : CG/JU
 Sample : PB154136BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS136

Manual IntegrationsAPPROVED

Quant Time: Jul 23 03:17:19 2023
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Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



TIC: BG058416.D\data.ms

(34) Caprolactam

11.626min (-0.010) 26.15 ng/ul m

response 44235

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	236.92
56.00	165.30	174.31
0.00	0.00	0.00

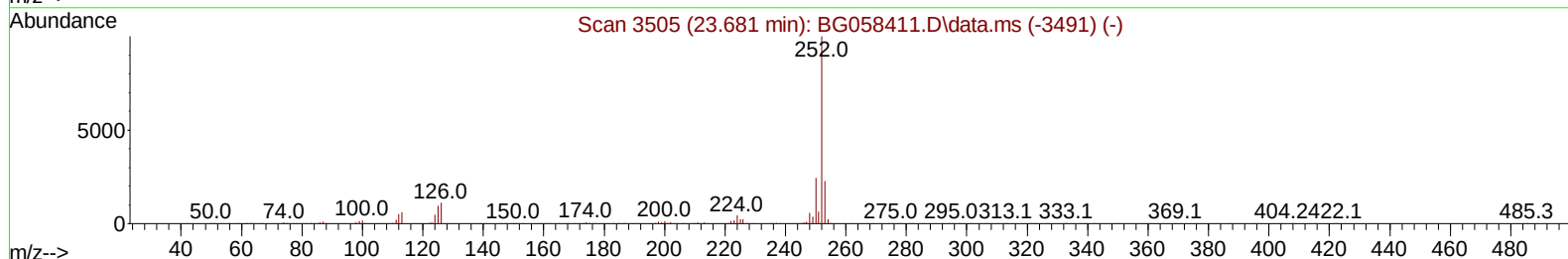
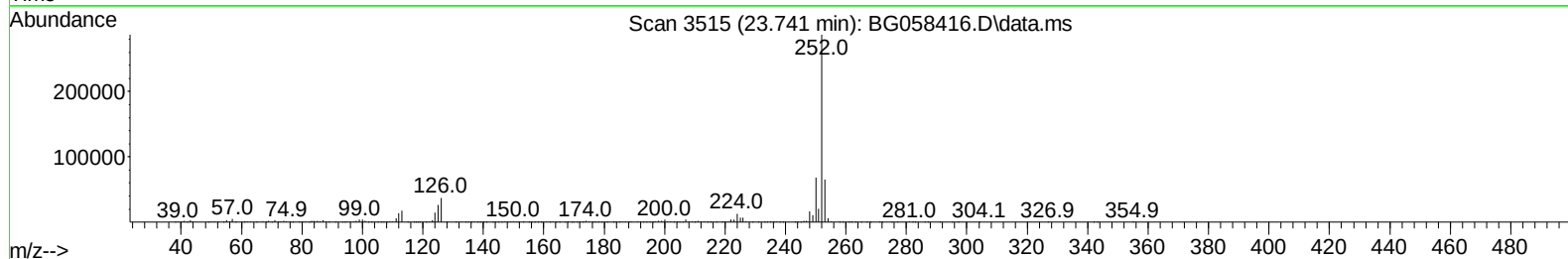
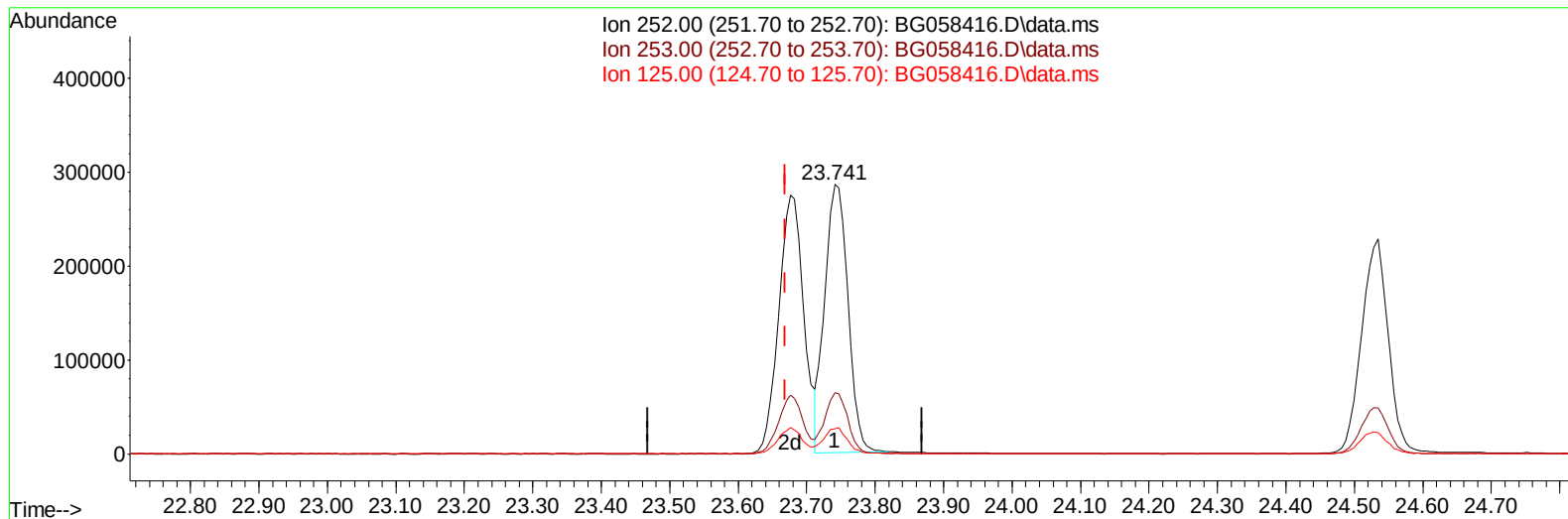
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 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/25/2023
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TIC: BG058416.D\data.ms

(90) Benzo(b)fluoranthene

23.741min (+ 0.072) 31.05 ng/ul

response 673098

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.69
125.00	8.40	9.35
0.00	0.00	0.00

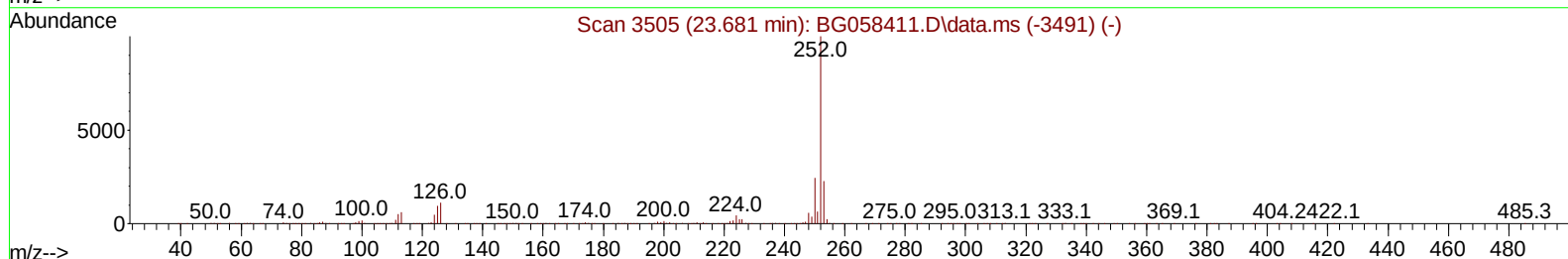
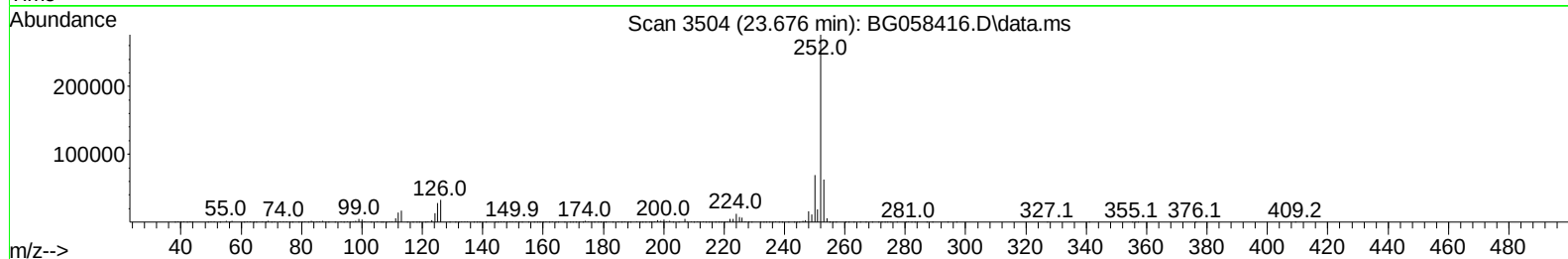
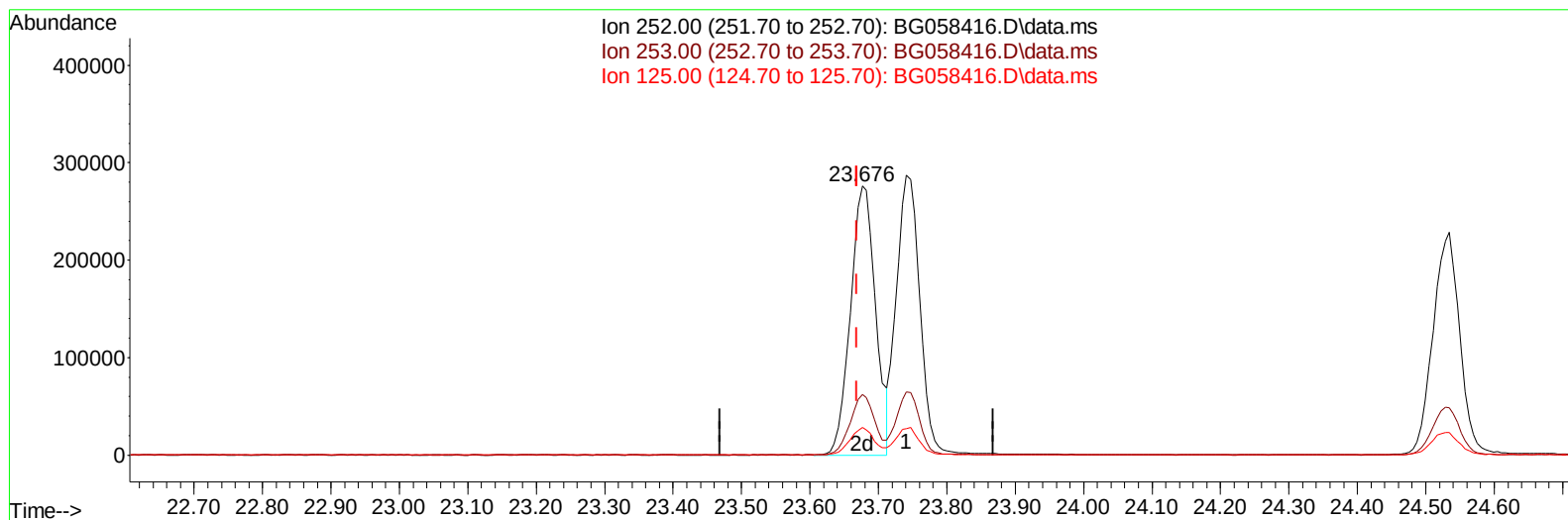
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Operator : CG/JU
Sample : PB154136BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/25/2023



TIC: BG058416.D\data.ms

(90) Benzo(b)fluoranthene

23.676min (+ 0.008) 32.50 ng/ul m

response 704561

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.64
125.00	8.40	10.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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 Operator : CG/JU
 Sample : PB154136BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SLCS136

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	62376	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	273545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	178542	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.284	188	374430	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	304322	20.000	ng/ul	0.00
88) Perylene-d12	24.675	264	374707	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	10286	6.069	ng/uL	0.00
4) Pyridine-d5	3.747	84	154178	30.650	ng/ul	0.00
7) Phenol-d5	7.066	99	203384	34.372	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	120759	32.652	ng/ul	0.00
11) 2-Chlorophenol-d4	7.431	132	146544	35.380	ng/ul	0.00
15) 4-Methylphenol-d8	8.612	113	149991	33.232	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	74346	36.260	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	78270	34.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	149482	34.836	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	190442	30.615	ng/ul	0.00
46) Dimethylphthalate-d6	13.941	166	420060	30.510	ng/ul	0.00
49) Acenaphthylene-d8	14.229	160	487417	33.782	ng/ul	0.00
54) 4-Nitrophenol-d4	14.752	143	63374	30.479	ng/ul	0.01
60) Fluorene-d10	15.527	176	362685	31.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	23100	12.109	ng/ul	0.00
73) Anthracene-d10	17.378	188	544049	33.628	ng/ul	0.00
81) Pyrene-d10	19.669	212	616614	34.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.464	264	643409	35.526	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	21698	11.287	ng/ul#	96
5) Pyridine	3.770	79	154906	29.160	ng/ul	97
6) Benzaldehyde	7.037	77	88301m	36.951	ng/ul	
8) Phenol	7.096	94	194887	31.715	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.319	93	143260	30.432	ng/ul	99
12) 2-Chlorophenol	7.460	128	139234	32.114	ng/ul	99
13) 2-Methylphenol	8.341	108	146575	30.605	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.424	45	234405m	30.385	ng/ul	
16) Acetophenone	8.717	105	223404	29.065	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.700	70	115404	27.433	ng/ul	97
18) 4-Methylphenol	8.670	108	157564	30.273	ng/ul	100
19) Hexachloroethane	8.976	117	53272	31.171	ng/ul	97
22) Nitrobenzene	9.105	77	173623	31.753	ng/ul	97
23) Isophorone	9.622	82	343111	27.989	ng/ul	99
25) 2-Nitrophenol	9.816	139	76631	32.050	ng/ul	92
26) 2,4-Dimethylphenol	9.875	107	150864	28.298	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	194993	30.034	ng/ul	97
29) 2,4-Dichlorophenol	10.351	162	133050	32.668	ng/ul	97
30) Naphthalene	10.750	128	455868	31.178	ng/ul	100
32) 4-Chloroaniline	10.862	127	142379	22.394	ng/ul	98
33) Hexachlorobutadiene	11.027	225	94829	32.562	ng/ul	98
34) Caprolactam	11.626	113	44235m	26.150	ng/ul	
35) 4-Chloro-3-methylphenol	11.990	107	156047	30.107	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	298262	30.448	ng/ul	99
37) 1-Methylnaphthalene	12.578	142	296310	29.514	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.730	216	172786	33.431	ng/ul	100
40) Hexachlorocyclopentadiene	12.701	237	29061	10.454	ng/ul	100
41) 2,4,6-Trichlorophenol	12.971	196	106055	30.312	ng/ul	99
42) 2,4,5-Trichlorophenol	13.048	196	112613	30.184	ng/ul	99
43) 1,1'-Biphenyl	13.365	154	386486	32.013	ng/ul	98
44) 2-Chloronaphthalene	13.412	162	313692	32.680	ng/ul	96
45) 2-Nitroaniline	13.618	65	107798	32.330	ng/ul	99
47) Dimethylphthalate	13.988	163	393346	28.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.111	165	83877	31.387	ng/ul	97
50) Acenaphthylene	14.258	152	478939	30.752	ng/ul	100
51) 3-Nitroaniline	14.446	138	82819	37.188	ng/ul	88
52) Acenaphthene	14.599	153	336061	31.079	ng/ul	98
53) 2,4-Dinitrophenol	14.658	184	8293	5.831	ng/ul	93
55) 4-Nitrophenol	14.763	109	43668	27.270	ng/ul	96
56) Dibenzofuran	14.934	168	463042	30.074	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	111927	29.039	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.163	232	83864	24.330	ng/ul#	97
59) Diethylphthalate	15.351	149	394692	27.704	ng/ul	99
61) Fluorene	15.586	166	369341	29.251	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	194846	29.068	ng/ul	98
63) 4-Nitroaniline	15.609	138	78051	38.732	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.668	198	21940	11.179	ng/ul	94
67) N-Nitrosodiphenylamine	15.792	169	314004	33.831	ng/ul	100
68) 4-Bromophenyl-phenylether	16.467	248	132221	33.339	ng/ul	97
69) Hexachlorobenzene	16.591	284	143180	31.995	ng/ul	97
70) Atrazine	16.732	200	31238	8.584	ng/ul	97
71) Pentachlorophenol	16.937	266	54496	21.694	ng/ul	91
72) Phenanthrene	17.325	178	566112	31.815	ng/ul	98
74) Anthracene	17.413	178	562664	31.498	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.336	216	179574	38.235	ng/uL	98
76) Pentachlorobenzene	14.857	250	397482	77.392	ng/uL	96
77) Carbazole	17.683	167	522123	33.718	ng/ul	99
78) Di-n-butylphthalate	18.236	149	656964	33.388	ng/ul	99
80) Fluoranthene	19.334	202	657652	31.938	ng/ul	98
82) Pyrene	19.699	202	662684	31.762	ng/ul	98
83) Butylbenzylphthalate	20.580	149	286313	34.850	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.432	252	243017	35.773	ng/ul#	97
85) Benzo(a)anthracene	21.514	228	671013	32.804	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	418358	35.801	ng/ul	98
87) Chrysene	21.579	228	629461	32.443	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	738696	37.051	ng/ul	100
90) Benzo(b)fluoranthene	23.676	252	704561m	32.498	ng/ul	
91) Benzo(k)fluoranthene	23.741	252	673098	31.129	ng/ul	100
93) Benzo(a)pyrene	24.534	252	624563	32.389	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.259	276	762806	30.024	ng/ul	98
95) Dibenzo(a,h)anthracene	28.312	278	655475	31.462	ng/ul	98
96) Benzo(g,h,i)perylene	29.370	276	597507	28.866	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_G

ClientSampleId :

SLCS136

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058416.D
 Acq On : 23 Jul 2023 1:48
 Operator : CG/JU
 Sample : PB154136BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS136

Manual IntegrationsAPPROVED

Quant Time: Jul 23 03:17:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

