

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057292.D
 Acq On : 3 May 2023 18:39
 Operator : CG/JU
 Sample : 02419-24DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW921DL

Manual Integrations
 APPROVED

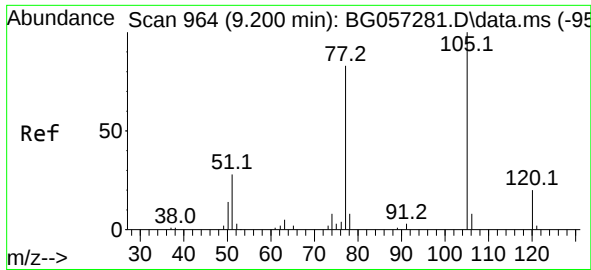
Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 04 04:48:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	15650	20.000	ng/u1	0.00
20) Naphthalene-d8	11.218	136	62814	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.995	164	49119	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.738	188	114126	20.000	ng/u1	0.00
79) Chrysene-d12	22.056	240	99397	20.000	ng/u1	0.00
88) Perylene-d12	25.593	264	133091	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	245	0.689	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.523	99	7910	5.344	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.681	67	4796	5.509	ng/u1	0.00
11) 2-Chlorophenol-d4	7.911	132	5603	5.745	ng/u1	0.00
15) 4-Methylphenol-d8	9.080	113	5493	4.883	ng/u1	0.00
21) Nitrobenzene-d5	9.555	128	3065	6.127	ng/u1	0.00
24) 2-Nitrophenol-d4	10.290	143	3404	5.831	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.842	165	6963	6.182	ng/u1	0.01
31) 4-Chloroaniline-d4	11.347	131	3579	2.398	ng/u1	0.00
46) Dimethylphthalate-d6	14.372	166	23961	6.156	ng/u1	0.00
49) Acenaphthylene-d8	14.690	160	29530	6.751	ng/u1	0.00
54) 4-Nitrophenol-d4	15.201	143	1972	3.481	ng/u1	0.02
60) Fluorene-d10	15.976	176	23976	6.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.832	188	36691	7.043	ng/u1	0.00
81) Pyrene-d10	20.100	212	43224	7.326	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.340	264	40446	5.965	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	9.215	105	4905	2.534	ng/u1	97
72) Phenanthrene	17.780	178	27241	4.584	ng/u1	96
78) Di-n-butylphthalate	18.649	149	67486	11.829	ng/u1	99
80) Fluoranthene	19.771	202	55853	7.969	ng/u1#	95
82) Pyrene	20.135	202	52702	7.428	ng/u1#	95
83) Butylbenzylphthalate	20.981	149	18035	7.938	ng/u1	90
85) Benzo(a)anthracene	22.033	228	36729	5.225	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.880	149	200363	60.632	ng/u1	95
87) Chrysene	22.033	228	36043	5.434	ng/u1	97
89) Di-n-octyl phthalate	23.190	149	24371	3.316	ng/u1	100
90) Benzo(b)fluoranthene	24.459	252	66012	7.162	ng/u1#	86
91) Benzo(k)fluoranthene	24.518	252	23221m	2.590	ng/u1	
93) Benzo(a)pyrene	25.422	252	42040	5.284	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	29.675	276	39070m	3.928	ng/u1	
95) Dibenzo(a,h)anthracene	29.740	278	12920m	1.567	ng/u1	
96) Benzo(g,h,i)perylene	30.968	276	34287m	4.259	ng/u1	

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



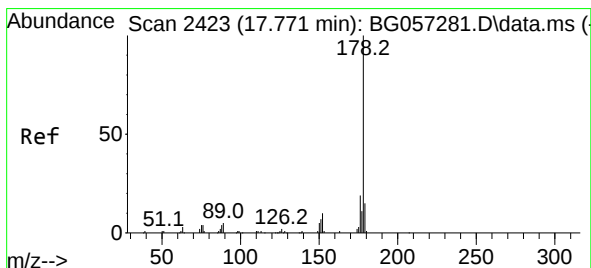
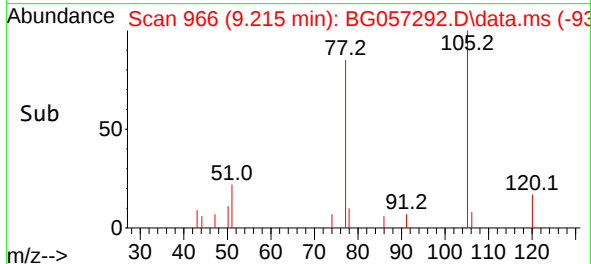
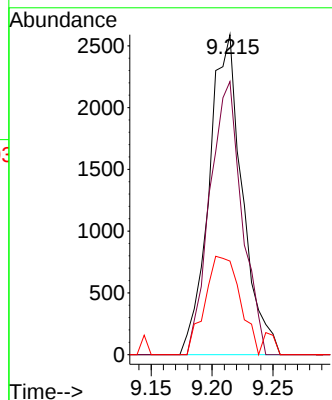
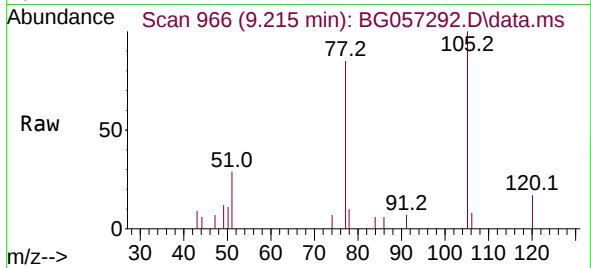
#16
Acetophenone
Concen: 2.534 ng/ul
RT: 9.215 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

Instrument :
BNA_G
ClientSampleId :
EW921DL

Tgt Ion:105 Resp: 490
Ion Ratio Lower Upper
105 100
77 85.3 70.6 105.8
51 29.3 24.5 36.7

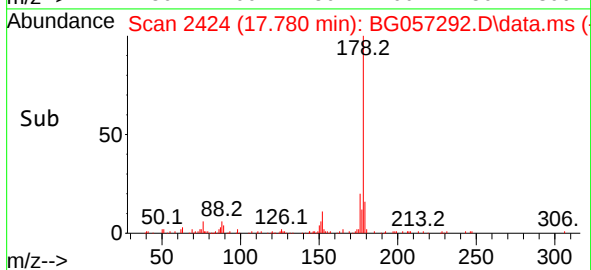
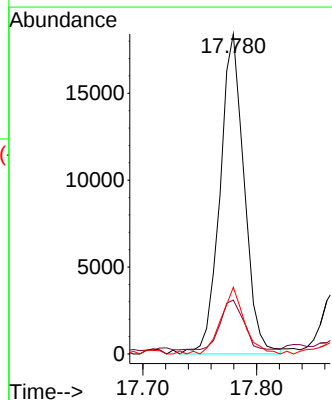
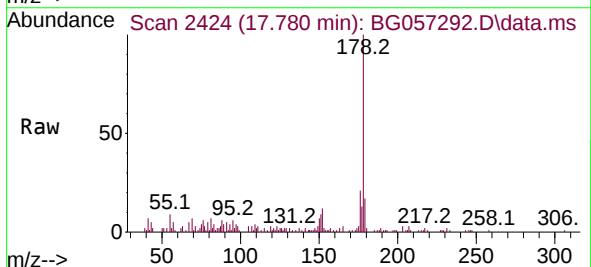
Manual Integrations
APPROVED

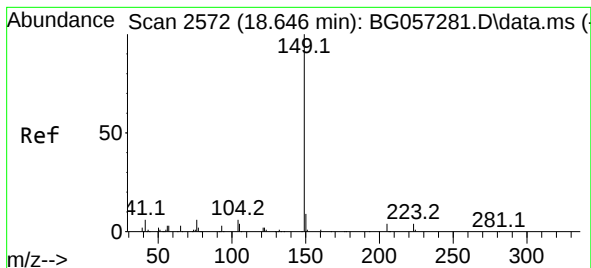
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#72
Phenanthrene
Concen: 4.584 ng/ul
RT: 17.780 min Scan# 2424
Delta R.T. 0.005 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

Tgt Ion:178 Resp: 27241
Ion Ratio Lower Upper
178 100
179 16.9 11.8 17.8
176 20.9 15.4 23.0





#78

Di-n-butylphthalate

Concen: 11.829 ng/ul

RT: 18.649 min Scan# 2572

Delta R.T. -0.001 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

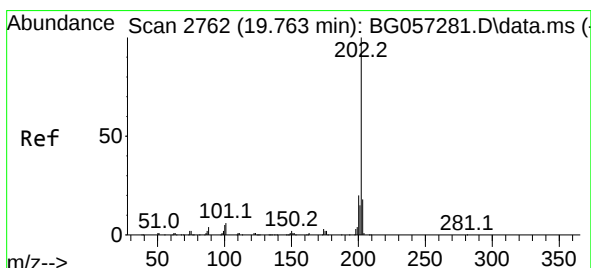
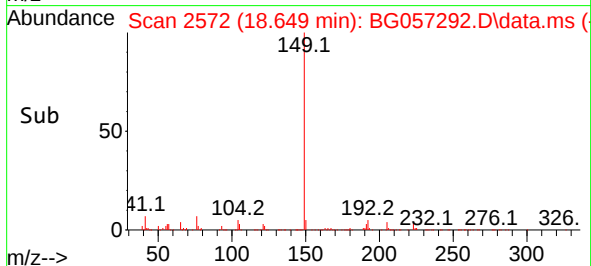
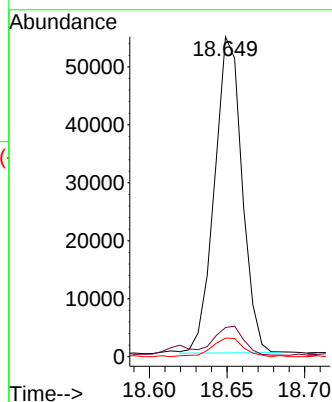
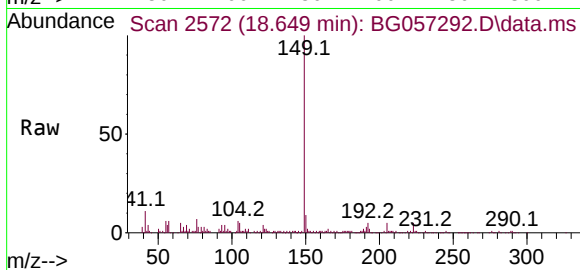
EW921DL

Tgt Ion:149	Resp: 67480
Ion Ratio	Lower Upper
149 100	
150 9.1	7.3 10.9
104 5.8	5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#80

Fluoranthene

Concen: 7.969 ng/ul

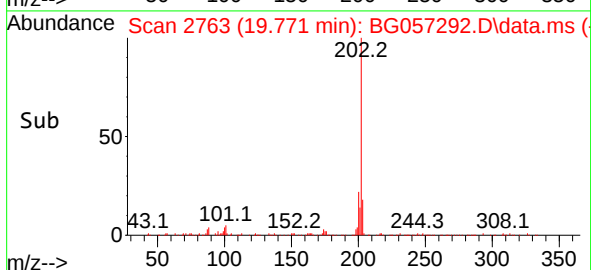
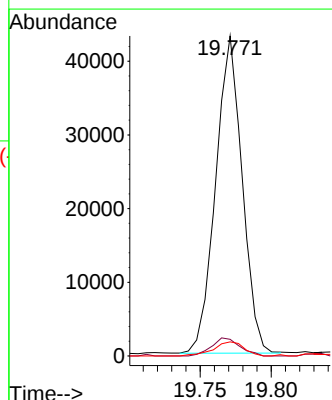
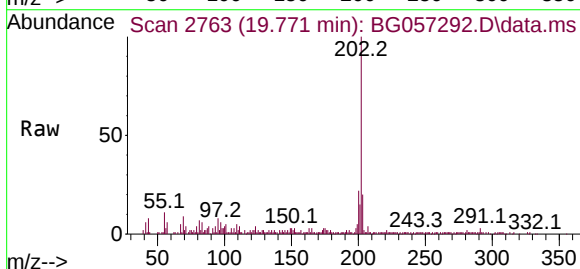
RT: 19.771 min Scan# 2763

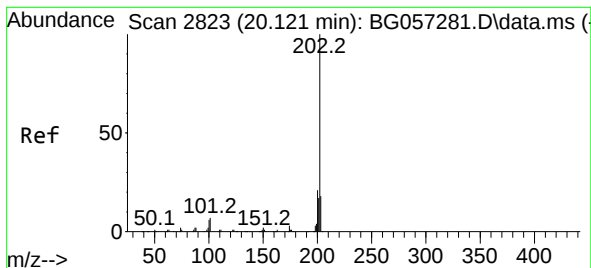
Delta R.T. 0.005 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Tgt Ion:202	Resp: 55853
Ion Ratio	Lower Upper
202 100	
101 5.2	5.8 8.6#
100 4.4	4.6 7.0#





#82

Pyrene

Concen: 7.428 ng/ul

RT: 20.135 min Scan# 202

Delta R.T. 0.011 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

EW921DL

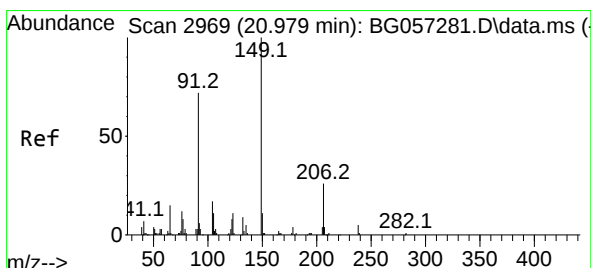
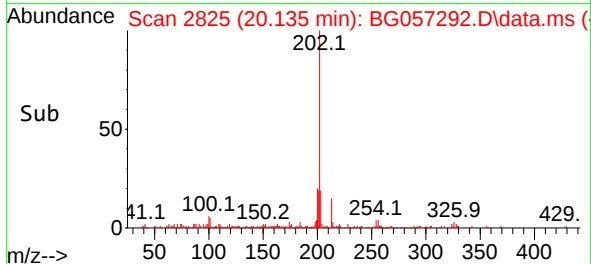
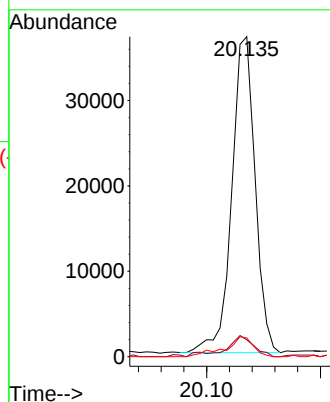
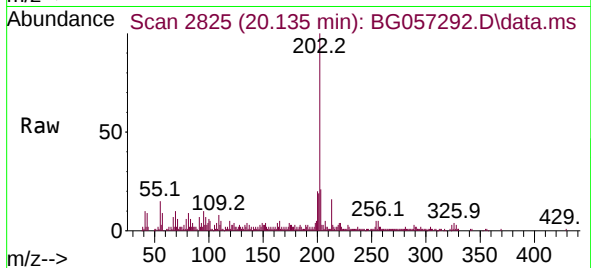
Tgt Ion:	202	Resp:	5270
Ion Ratio	Lower	Upper	
202	100		
101	5.3	5.7	8.5
100	5.9	6.0	9.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#83

Butylbenzylphthalate

Concen: 7.938 ng/ul

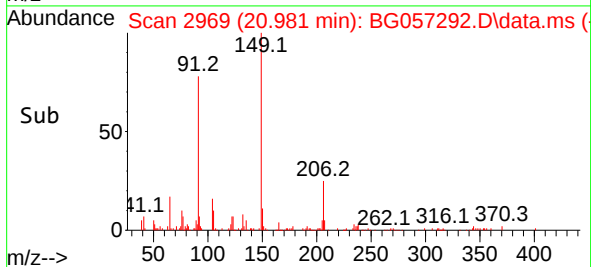
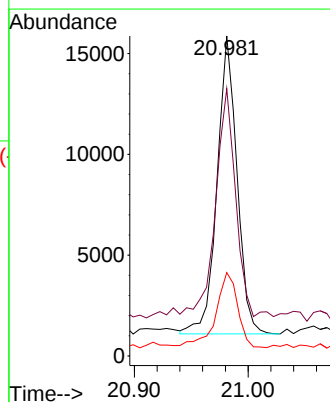
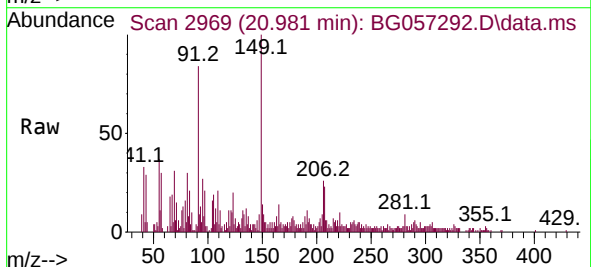
RT: 20.981 min Scan# 2969

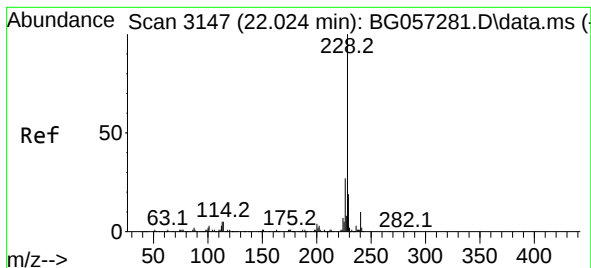
Delta R.T. -0.001 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Tgt Ion:	149	Resp:	18035
Ion Ratio	Lower	Upper	
149	100		
91	83.5	58.6	87.8
206	26.1	19.8	29.8





#85

Benzo(a)anthracene

Concen: 5.225 ng/u1

RT: 22.033 min Scan# 3147

Delta R.T. 0.005 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

EW921DL

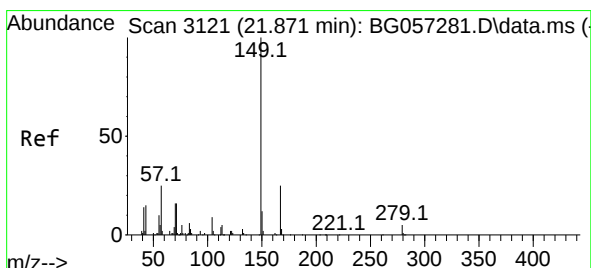
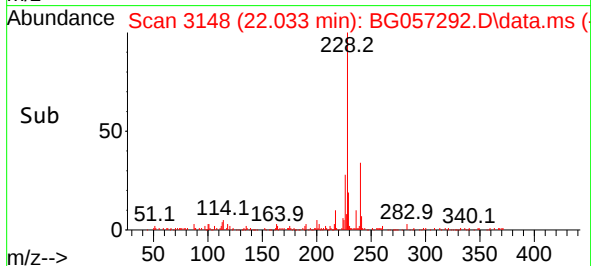
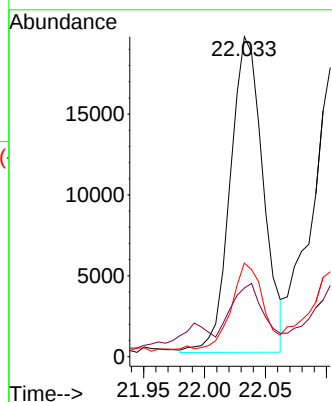
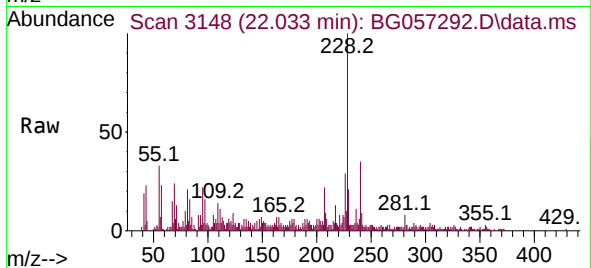
Tgt Ion:228 Resp: 36729

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	29.3	21.7	32.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 60.632 ng/u1

RT: 21.880 min Scan# 3122

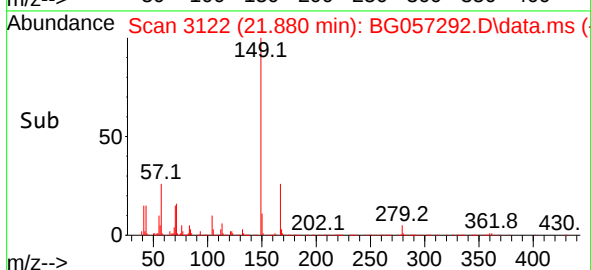
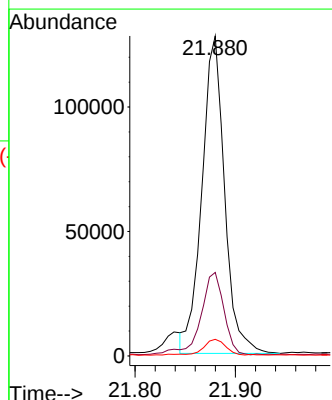
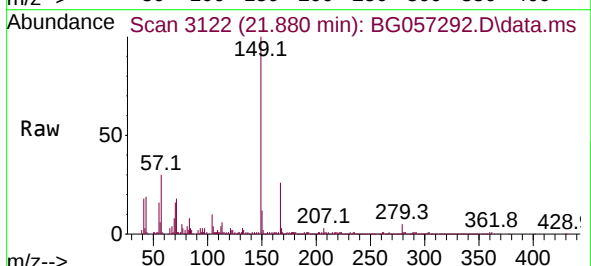
Delta R.T. 0.005 min

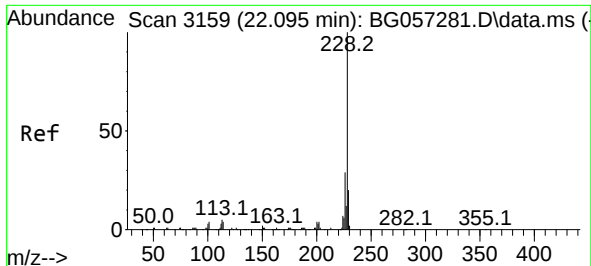
Lab File: BG057292.D

Acq: 3 May 2023 18:39

Tgt Ion:149 Resp: 200363

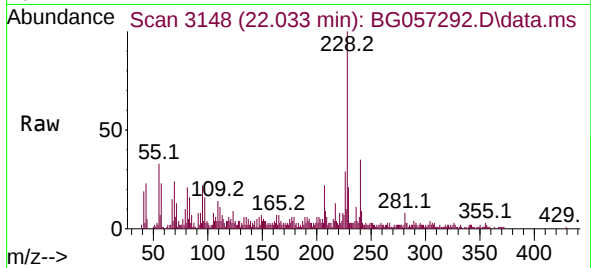
Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.0	34.6
279	5.2	3.6	5.4





#87
Chrysene
Concen: 5.434 ng/ul
RT: 22.033 min Scan# 3159
Delta R.T. -0.065 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

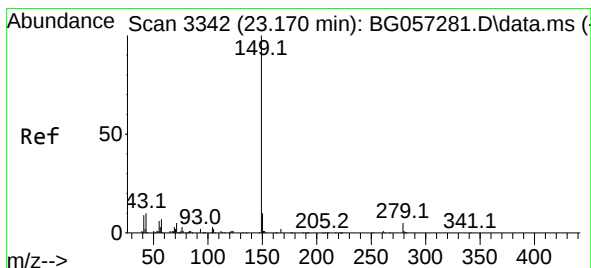
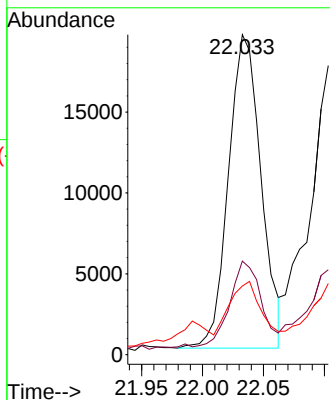
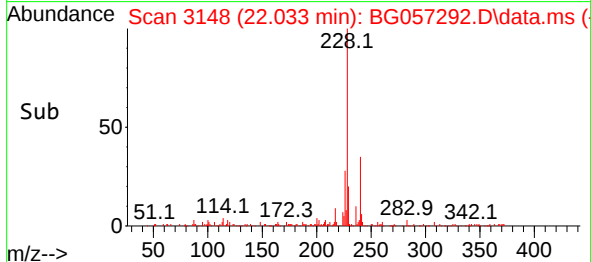
Instrument :
BNA_G
ClientSampleId :
EW921DL



Tgt Ion:228 Resp: 3604
Ion Ratio Lower Upper
228 100
226 29.3 22.8 34.2
229 21.5 15.5 23.3

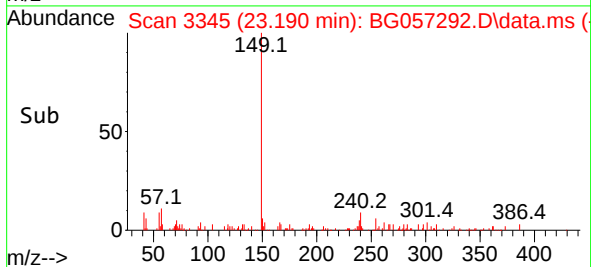
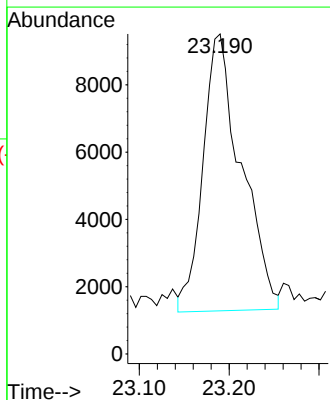
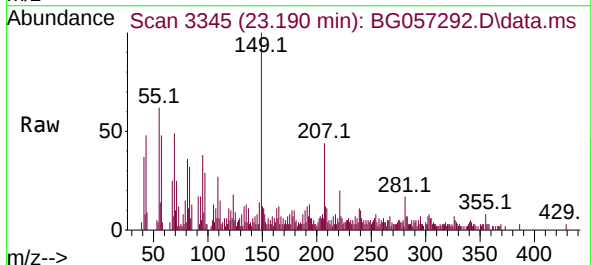
Manual Integrations
APPROVED

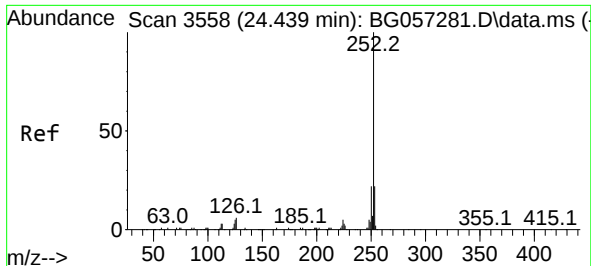
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#89
Di-n-octyl phthalate
Concen: 3.316 ng/ul
RT: 23.190 min Scan# 3345
Delta R.T. 0.011 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

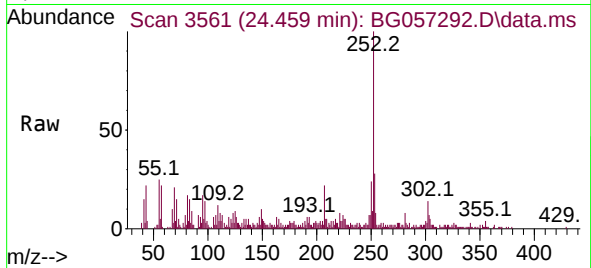
Tgt Ion:149 Resp: 24371





#90
Benzo(b)fluoranthene
Concen: 7.162 ng/ul
RT: 24.459 min Scan# 3558
Delta R.T. 0.023 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

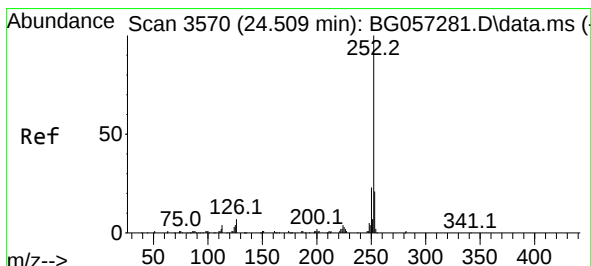
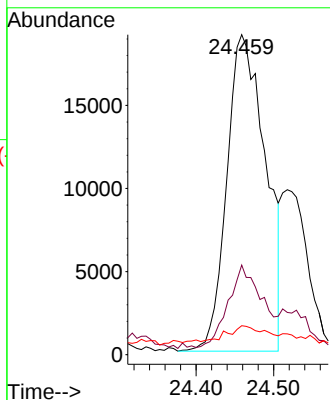
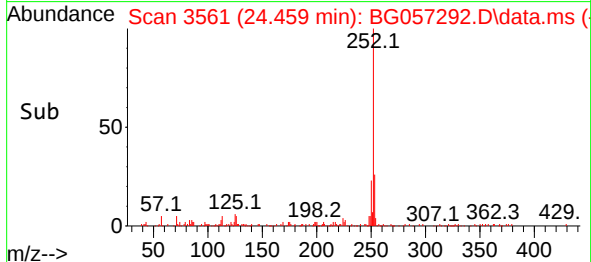
Instrument :
BNA_G
ClientSampleId :
EW921DL



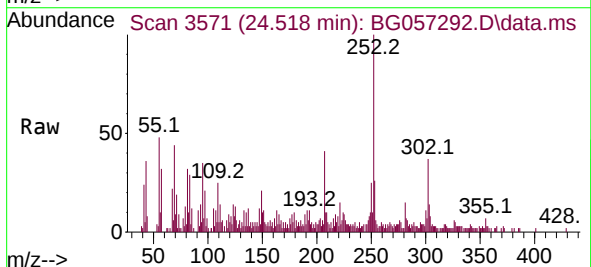
Tgt Ion:252 Resp: 66012
Ion Ratio Lower Upper
252 100
253 28.0 16.7 25.1
125 9.1 4.8 7.2

Manual Integrations
APPROVED

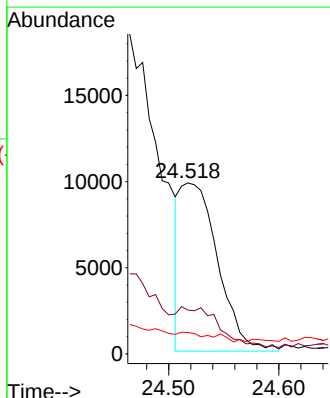
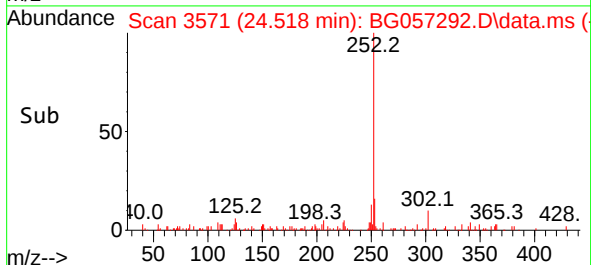
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

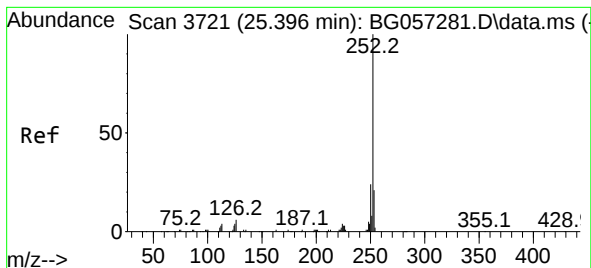


#91
Benzo(k)fluoranthene
Concen: 2.590 ng/ul m
RT: 24.518 min Scan# 3571
Delta R.T. 0.005 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39



Tgt Ion:252 Resp: 23221
Ion Ratio Lower Upper
252 100
253 25.7 17.7 26.5
125 12.6 4.5 6.7





#93

Benzo(a)pyrene

Concen: 5.284 ng/ul

RT: 25.422 min Scan# 31

Delta R.T. 0.023 min

Lab File: BG057292.D

Acq: 3 May 2023 18:39

Instrument :

BNA_G

ClientSampleId :

EW921DL

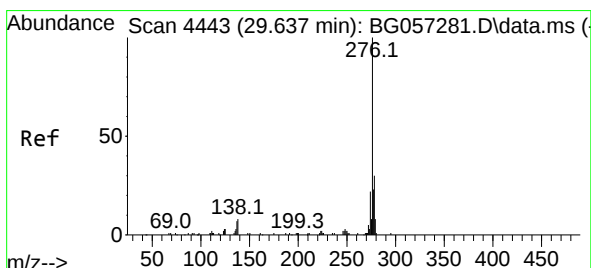
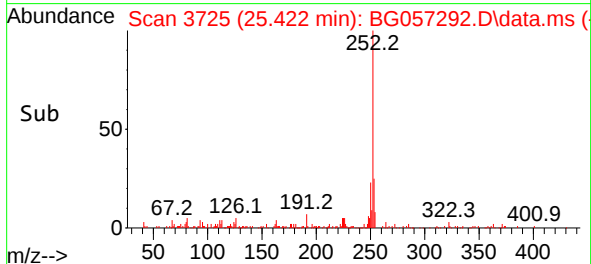
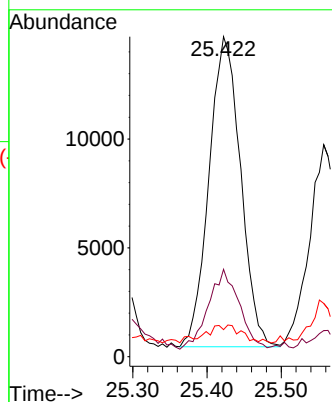
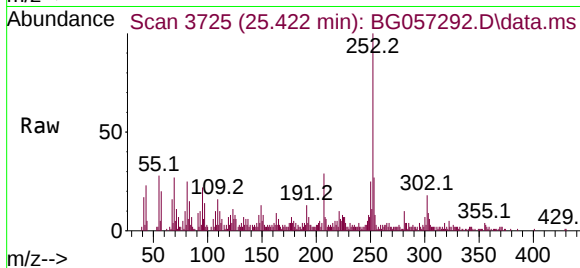
Tgt Ion:252 Resp: 42040

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.2	25.8
125	8.4	5.1	7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.928 ng/ul m

RT: 29.675 min Scan# 4449

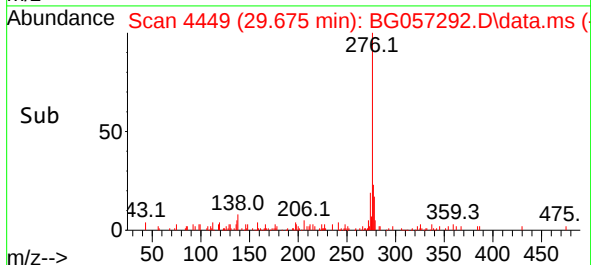
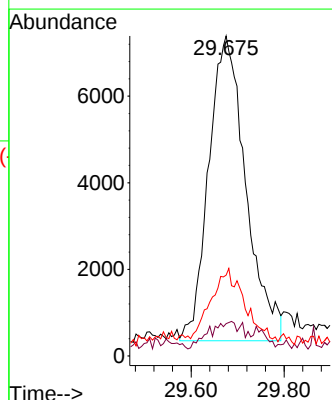
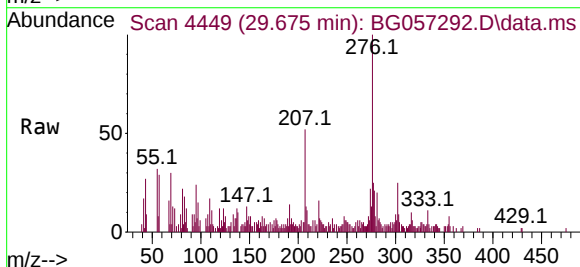
Delta R.T. 0.052 min

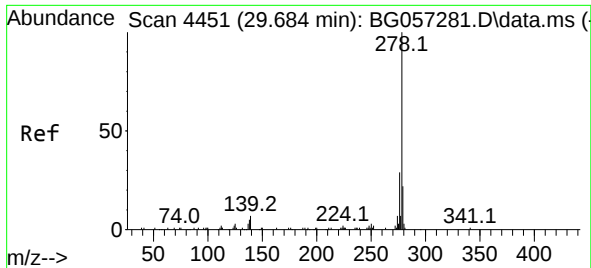
Lab File: BG057292.D

Acq: 3 May 2023 18:39

Tgt Ion:276 Resp: 39070

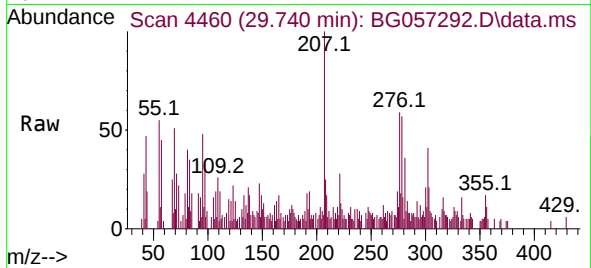
Ion	Ratio	Lower	Upper
276	100		
138	10.1	9.4	14.2
277	25.2	18.6	28.0





#95
Dibenzo(a,h)anthracene
Concen: 1.567 ng/ul m
RT: 29.740 min Scan# 4451
Delta R.T. 0.046 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39

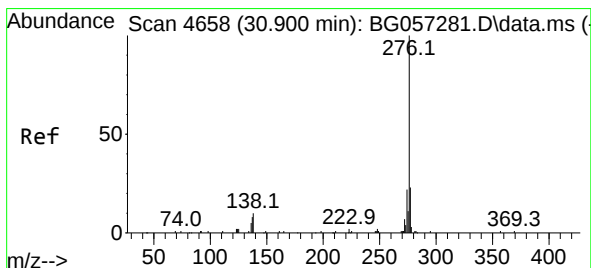
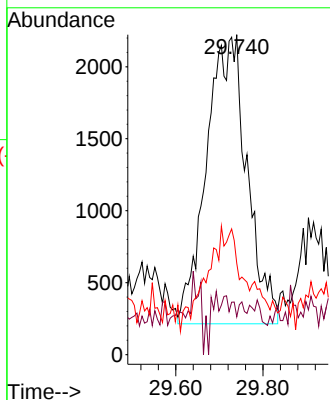
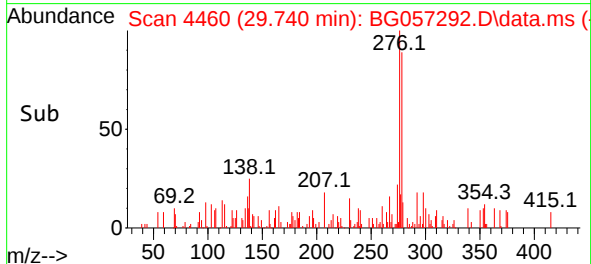
Instrument :
BNA_G
ClientSampleId :
EW921DL



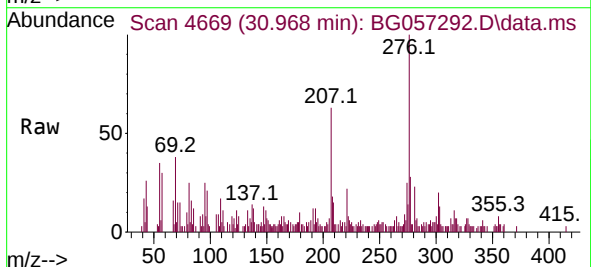
Tgt Ion:278 Resp: 12920
Ion Ratio Lower Upper
278 100
139 11.8 5.8 8.6
279 28.6 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#96
Benzo(g,h,i)perylene
Concen: 4.259 ng/ul m
RT: 30.968 min Scan# 4669
Delta R.T. 0.058 min
Lab File: BG057292.D
Acq: 3 May 2023 18:39



Tgt Ion:276 Resp: 34287
Ion Ratio Lower Upper
276 100
138 11.9 8.7 13.1
277 28.4 18.4 27.6

