

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057278.D
 Acq On : 2 May 2023 14:24
 Operator : CG/JU
 Sample : 02417-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y3DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:11:06 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	8.384	152	18269	20.000	ng/u1	0.00
20) Naphthalene-d8	11.221	136	73513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.999	164	53764	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	116963	20.000	ng/u1	0.00
79) Chrysene-d12	22.054	240	94595	20.000	ng/u1	# 0.00
88) Perylene-d12	25.572	264	101315	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.673	96	127	0.306	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.520	99	4628	2.679	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.691	67	2891	2.845	ng/u1	0.00
11) 2-Chlorophenol-d4	7.914	132	3457	3.036	ng/u1	0.00
15) 4-Methylphenol-d8	9.083	113	2956	2.251	ng/u1	0.00
21) Nitrobenzene-d5	9.565	128	1841	3.145	ng/u1	0.00
24) 2-Nitrophenol-d4	10.293	143	2142	3.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	4310	3.270	ng/u1	0.00
31) 4-Chloroaniline-d4	11.351	131	1981	1.134	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	14437	3.389	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	15911	3.323	ng/u1	0.00
54) 4-Nitrophenol-d4	15.204	143	813	1.311	ng/u1	0.03
60) Fluorene-d10	15.980	176	12422	3.130	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.836	188	18824	3.526	ng/u1	0.00
81) Pyrene-d10	20.097	212	21508	3.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.337	264	19355	3.750	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.777	178	73250	12.026	ng/u1	97
74) Anthracene	17.871	178	14618	2.389	ng/u1	96
77) Carbazole	18.135	167	5243	1.025	ng/u1	94
80) Fluoranthene	19.769	202	156971	23.535	ng/u1#	97
82) Pyrene	20.127	202	127455	18.876	ng/u1	98
85) Benzo(a)anthracene	22.030	228	71048	10.620	ng/u1	99
87) Chrysene	22.101	228	65186	10.327	ng/u1	93
90) Benzo(b)fluoranthene	24.445	252	88331	12.590	ng/u1#	97
91) Benzo(k)fluoranthene	24.515	252	29471m	4.318	ng/u1	
93) Benzo(a)pyrene	25.408	252	59353	9.799	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	29.637	276	35955m	4.749	ng/u1	
95) Dibenzo(a,h)anthracene	29.685	278	11886m	1.893	ng/u1	
96) Benzo(g,h,i)perylene	30.924	276	27409m	4.473	ng/u1	

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

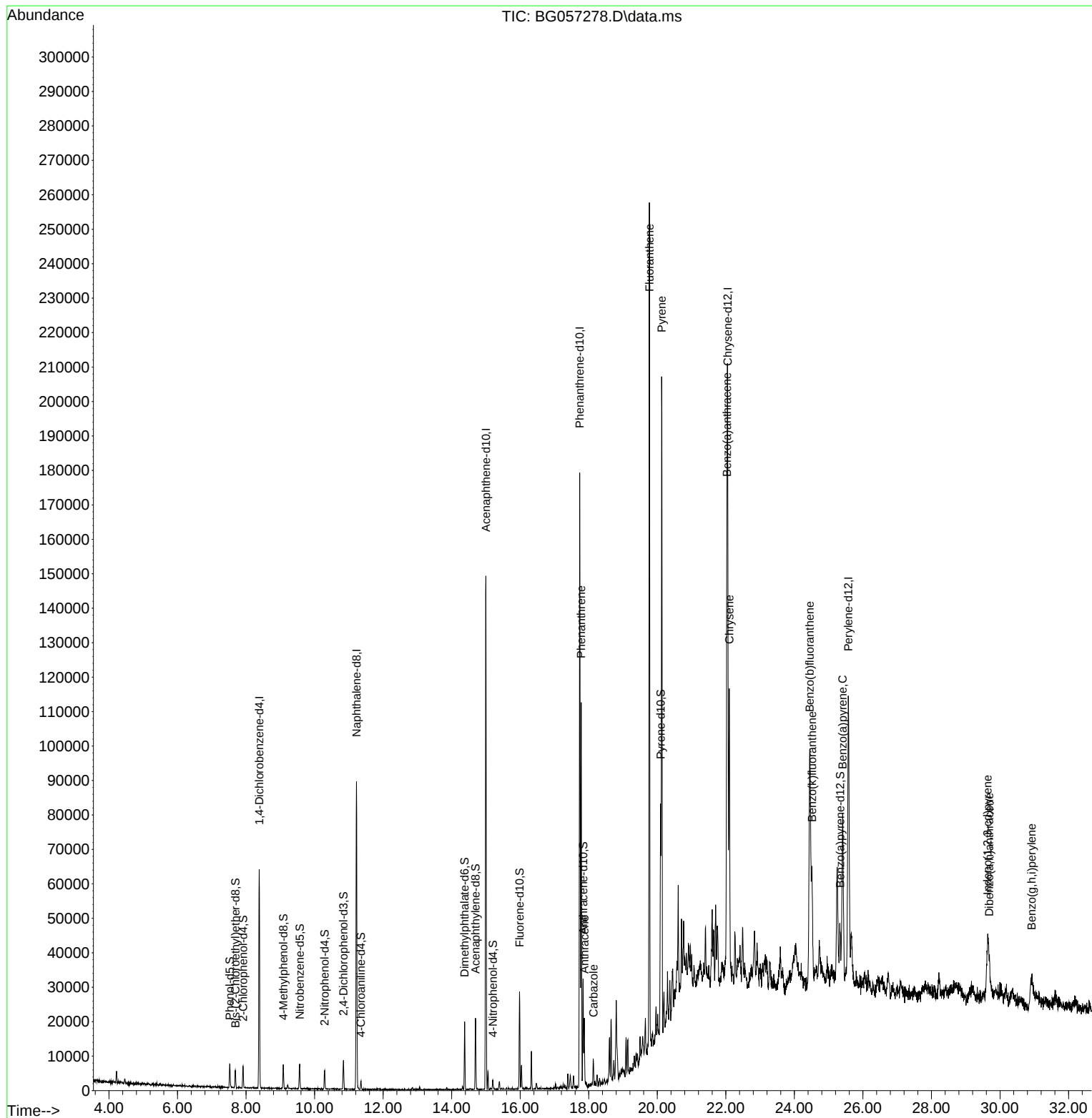
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057278.D
Acq On : 2 May 2023 14:24
Operator : CG/JU
Sample : 02417-17DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

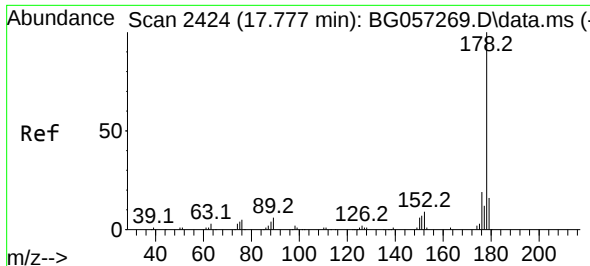
Instrument :
BNA_G
ClientSampleId :
EW8Y3DL

Quant Time: May 03 02:11:06 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
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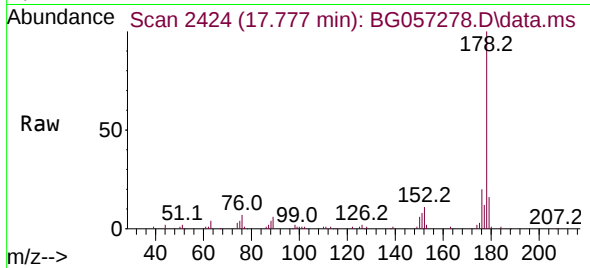
Reviewed By : Christian Giraldo 05/03/2023
Supervised By : Jagrut Upadhyay 05/03/2023





#72
Phenanthrene
Concen: 12.026 ng/ul
RT: 17.777 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

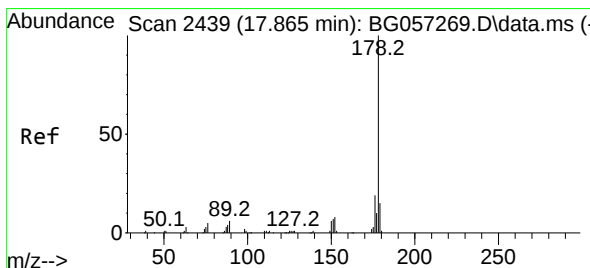
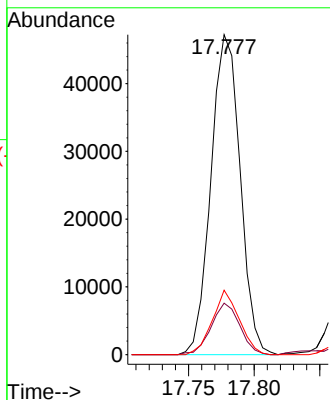
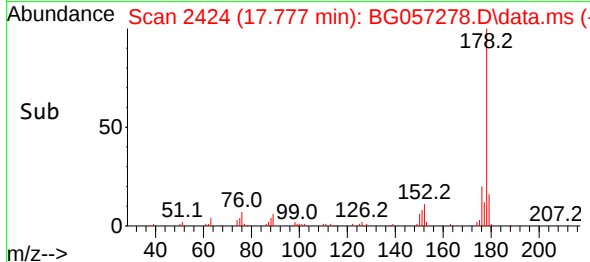
Instrument :
BNA_G
ClientSampleId :
EW8Y3DL



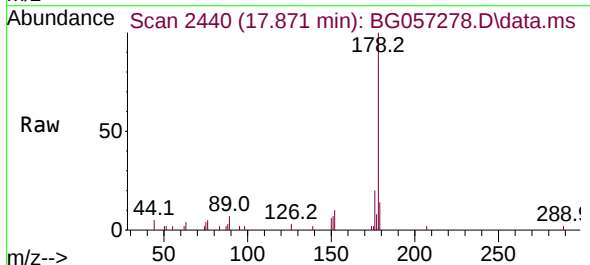
Tgt Ion:178 Resp: 73250
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.8
176 20.2 15.4 23.0

Manual Integrations
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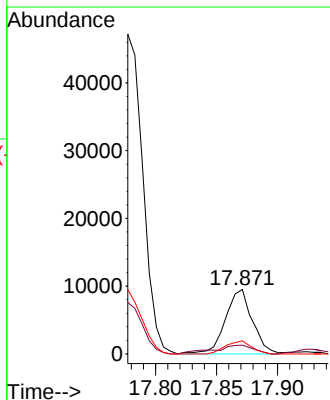
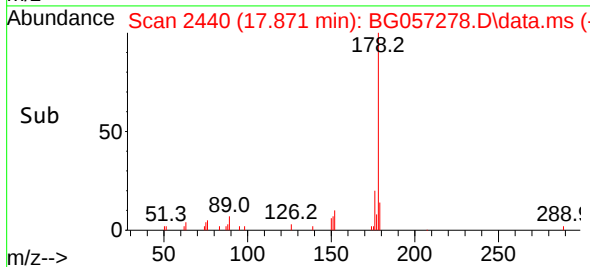
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

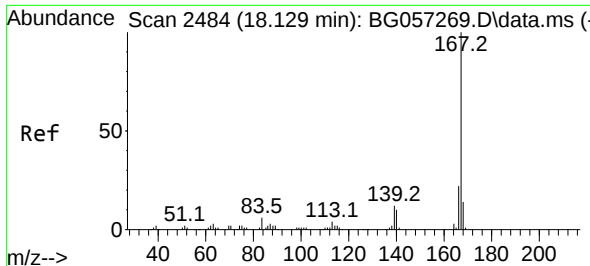


#74
Anthracene
Concen: 2.389 ng/ul
RT: 17.871 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24



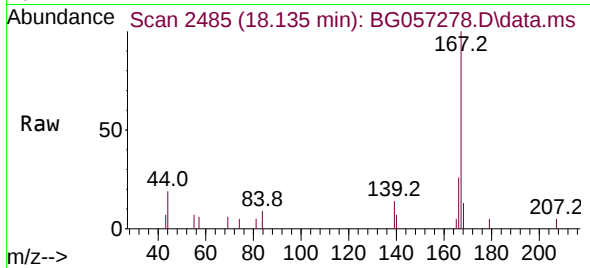
Tgt Ion:178 Resp: 14618
Ion Ratio Lower Upper
178 100
179 13.6 12.5 18.7
176 20.2 14.7 22.1





#77
 Carbazole
 Concen: 1.025 ng/ul
 RT: 18.135 min Scan# 2484
 Delta R.T. 0.003 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24

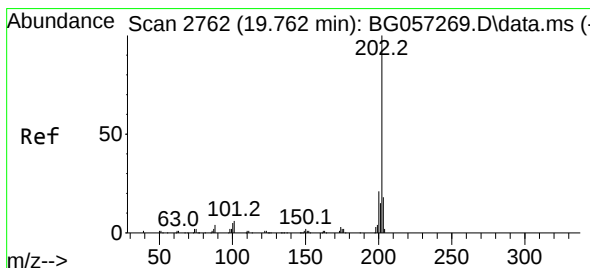
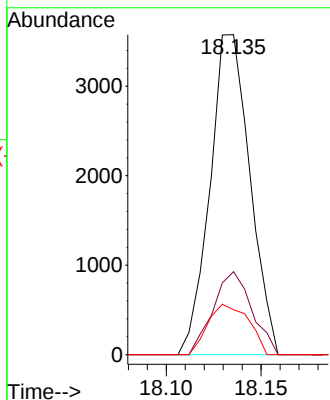
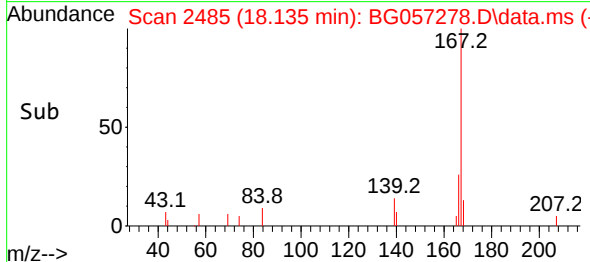
Instrument :
 BNA_G
 ClientSampleId :
 EW8Y3DL



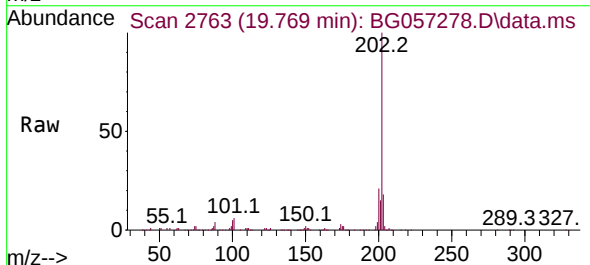
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 Ion Ratio Lower Upper
 167 100
 166 25.9 18.0 27.0
 139 14.0 10.3 15.5

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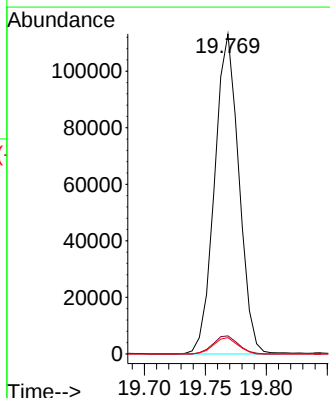
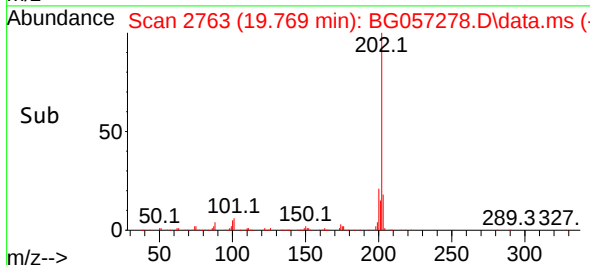
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

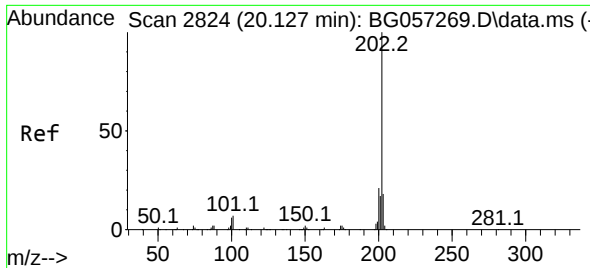


#80
 Fluoranthene
 Concen: 23.535 ng/ul
 RT: 19.769 min Scan# 2763
 Delta R.T. 0.003 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24



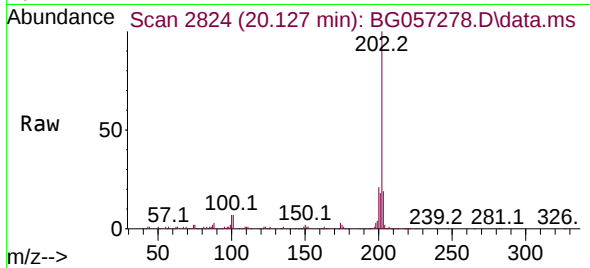
Tgt Ion:202 Resp: 156971
 Ion Ratio Lower Upper
 202 100
 101 5.6 5.8 8.6#
 100 5.1 4.6 7.0





#82
Pyrene
Concen: 18.876 ng/ul
RT: 20.127 min Scan# 2824
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

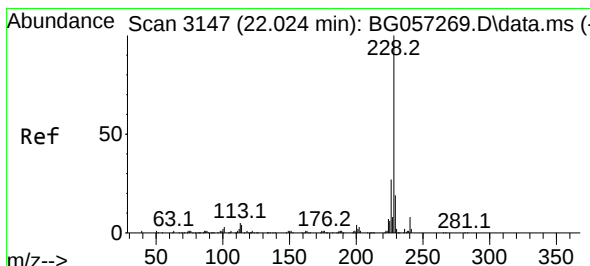
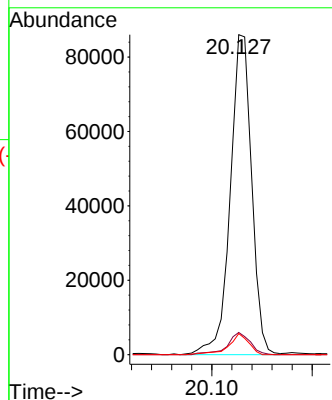
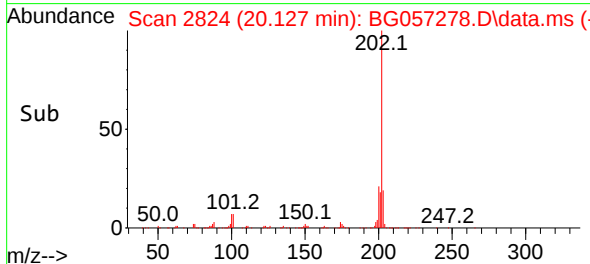
Instrument :
BNA_G
ClientSampleId :
EW8Y3DL



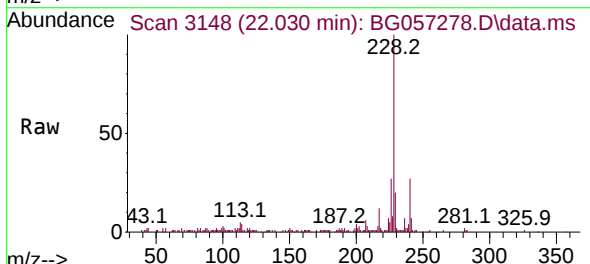
Tgt Ion:202 Resp: 127455
Ion Ratio Lower Upper
202 100
101 6.9 5.7 8.5
100 6.6 6.0 9.0

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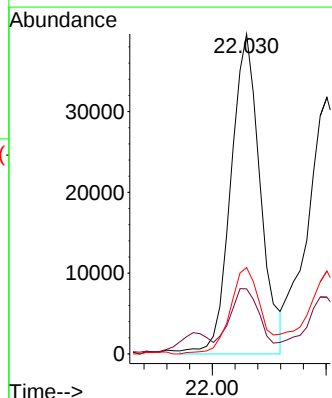
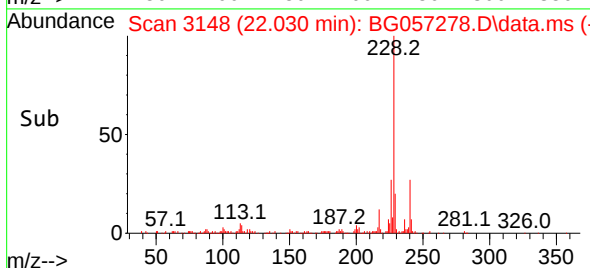
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

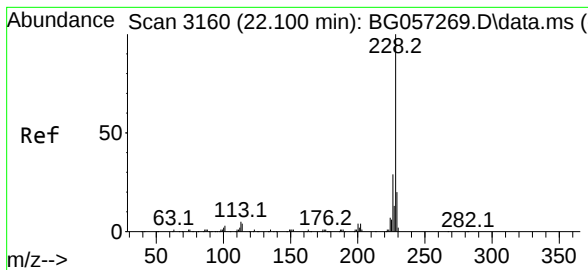


#85
Benzo(a)anthracene
Concen: 10.620 ng/ul
RT: 22.030 min Scan# 3148
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24



Tgt Ion:228 Resp: 71048
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 27.0 21.7 32.5





#87

Chrysene

Concen: 10.327 ng/ul

RT: 22.101 min Scan# 3160

Delta R.T. 0.003 min

Lab File: BG057278.D

Acq: 2 May 2023 14:24

Instrument :

BNA_G

ClientSampleId :

EW8Y3DL

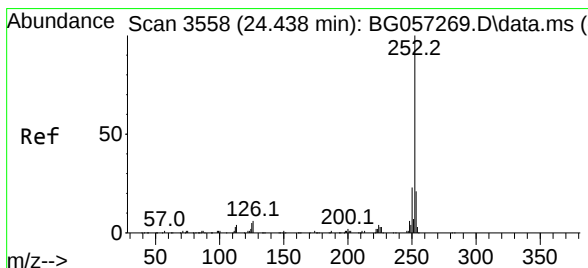
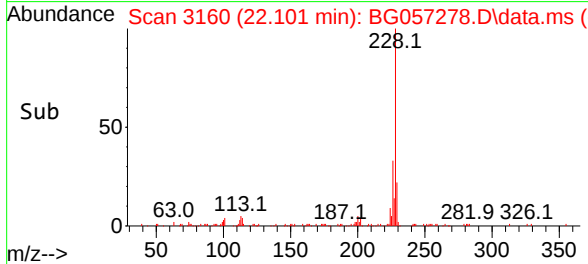
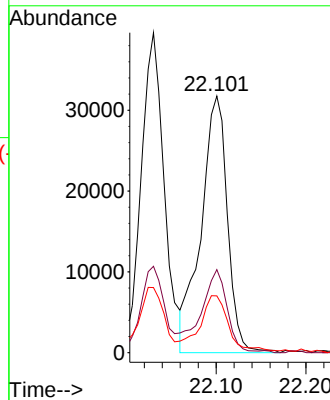
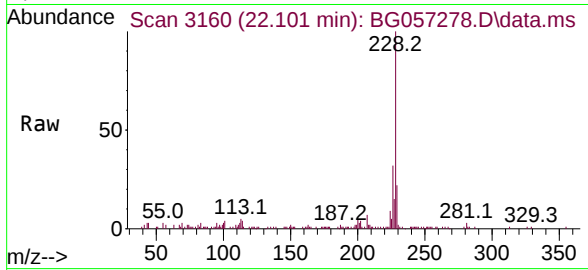
Tgt Ion:228 Resp: 65186

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.8	34.2
229	22.1	15.5	23.3

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Supervised By :Jagrut Upadhyay 05/03/2023



#90

Benzo(b)fluoranthene

Concen: 12.590 ng/ul

RT: 24.445 min Scan# 3559

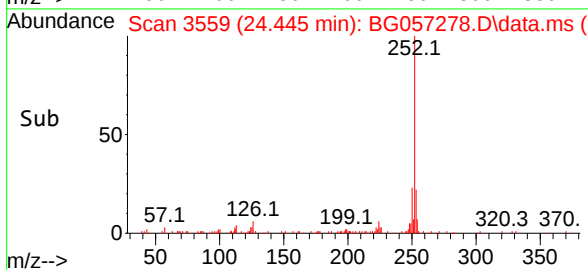
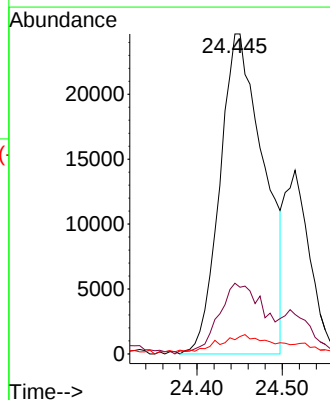
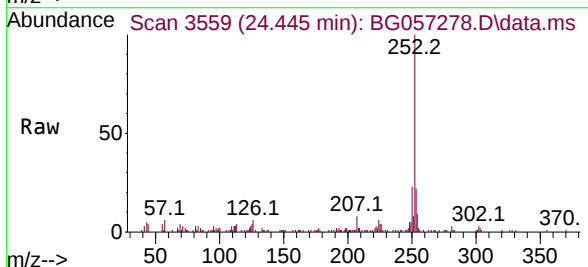
Delta R.T. 0.009 min

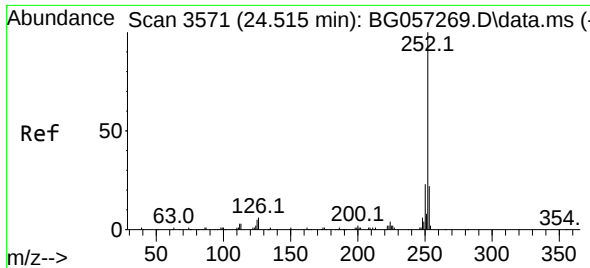
Lab File: BG057278.D

Acq: 2 May 2023 14:24

Tgt Ion:252 Resp: 88331

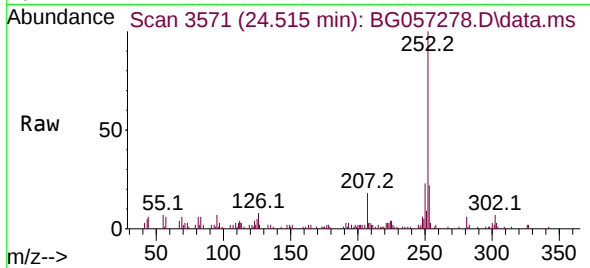
Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.7	25.1
125	4.4	4.8	7.2





#91
Benzo(k)fluoranthene
Concen: 4.318 ng/ul m
RT: 24.515 min Scan# 3571
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

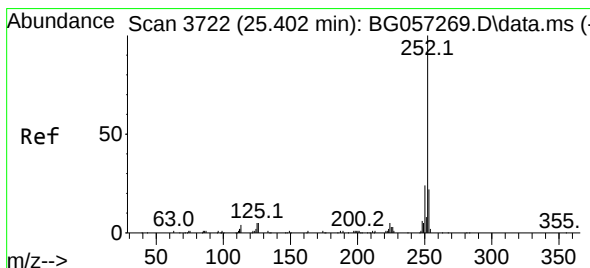
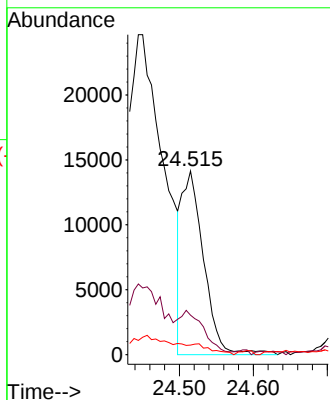
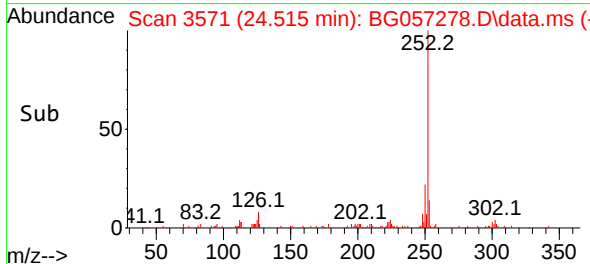
Instrument :
BNA_G
ClientSampleId :
EW8Y3DL



Tgt Ion:252 Resp: 2947
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 5.2 4.5 6.7

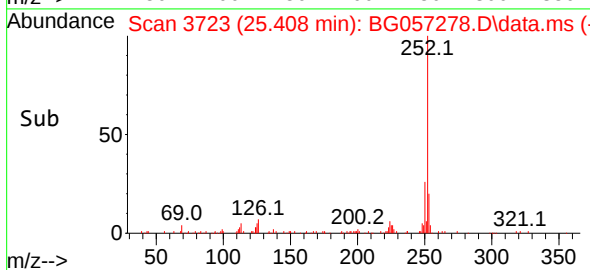
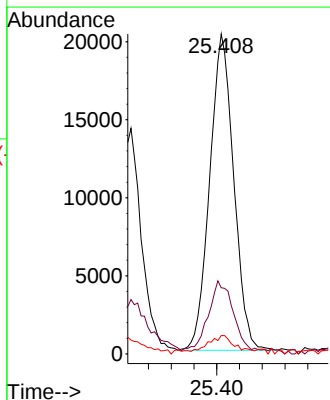
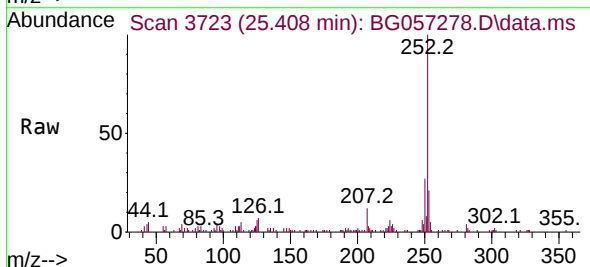
Manual Integrations
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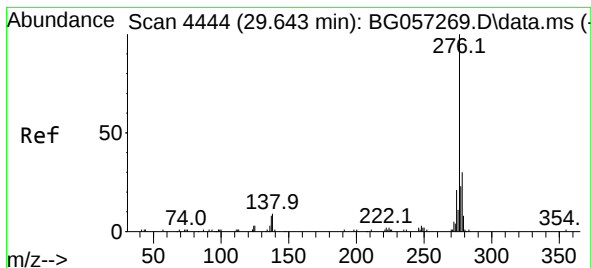
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#93
Benzo(a)pyrene
Concen: 9.799 ng/ul
RT: 25.408 min Scan# 3723
Delta R.T. 0.009 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

Tgt Ion:252 Resp: 59353
Ion Ratio Lower Upper
252 100
253 20.7 17.2 25.8
125 5.7 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.749 ng/ul m

RT: 29.637 min Scan# 4444

Delta R.T. 0.015 min

Lab File: BG057278.D

Acq: 2 May 2023 14:24

Instrument :

BNA_G

ClientSampleId :

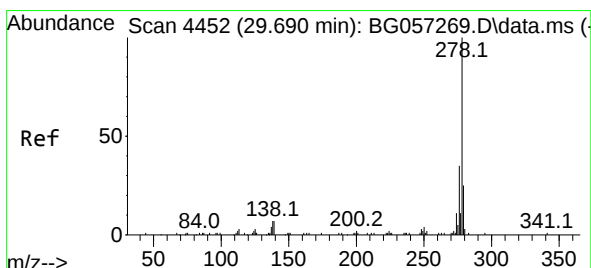
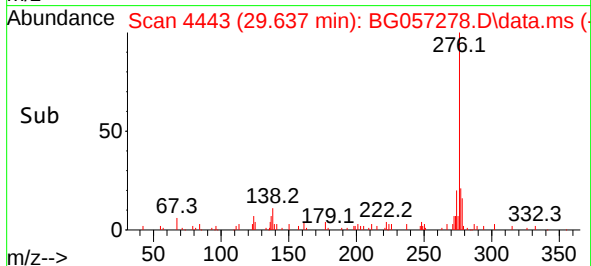
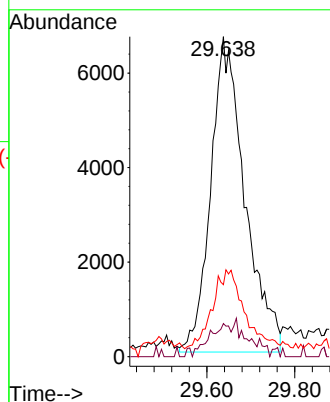
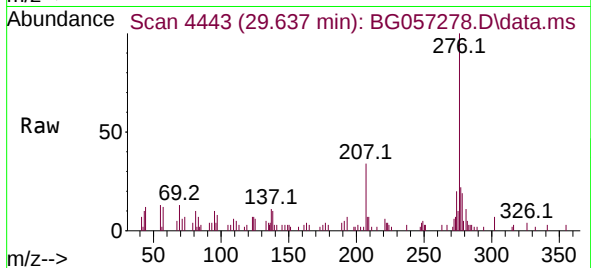
EW8Y3DL

Tgt Ion:	276	Resp:	3595
Ion Ratio	Lower	Upper	
276	100		
138	10.3	9.4	14.2
277	22.5	18.6	28.0

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.893 ng/ul m

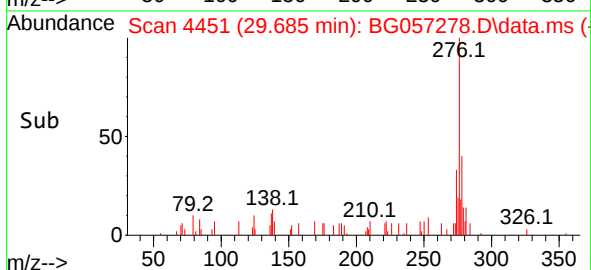
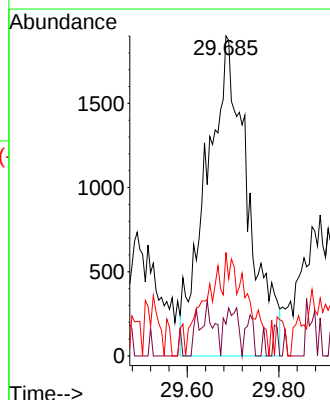
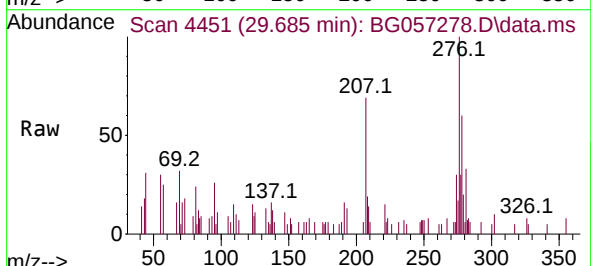
RT: 29.685 min Scan# 4451

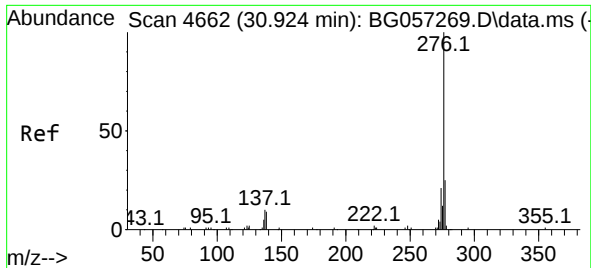
Delta R.T. -0.009 min

Lab File: BG057278.D

Acq: 2 May 2023 14:24

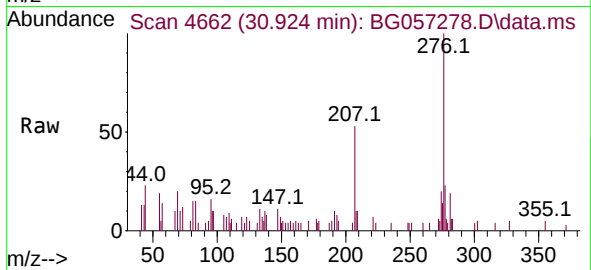
Tgt Ion:	278	Resp:	11886
Ion Ratio	Lower	Upper	
278	100		
139	9.9	5.8	8.6#
279	32.4	18.3	27.5#





#96
 Benzo(g,h,i)perylene
 Concen: 4.473 ng/ul m
 RT: 30.924 min Scan# 4662
 Delta R.T. 0.015 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y3DL



Tgt Ion:276 Resp: 27409
 Ion Ratio Lower Upper
 276 100
 138 8.2 8.7 13.1
 277 22.6 18.4 27.6

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