

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057302.D
 Acq On : 4 May 2023 13:58
 Operator : CG/JU
 Sample : 02447-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW936DL

Quant Time: May 05 02:19:37 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.376	152	12148	20.000	ng/u1	0.00
20) Naphthalene-d8	11.213	136	53713	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.990	164	49274	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.728	188	126842	20.000	ng/u1	0.00
79) Chrysene-d12	22.045	240	108606	20.000	ng/u1	# 0.00
88) Perylene-d12	25.564	264	115292	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.518	99	4313	3.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	2478	3.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.906	132	2922	3.860	ng/u1	0.00
15) 4-Methylphenol-d8	9.081	113	3261	3.735	ng/u1	0.00
21) Nitrobenzene-d5	9.556	128	1652	3.862	ng/u1	0.00
24) 2-Nitrophenol-d4	10.285	143	2010	4.026	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.831	165	3795	3.940	ng/u1	0.00
31) 4-Chloroaniline-d4	11.342	131	2855m	2.237	ng/u1	0.00
46) Dimethylphthalate-d6	14.368	166	16184	4.145	ng/u1	-0.01
49) Acenaphthylene-d8	14.691	160	18943	4.317	ng/u1	0.00
54) 4-Nitrophenol-d4	15.196	143	1368	2.407	ng/u1	0.02
60) Fluorene-d10	15.971	176	15799	4.344	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.828	188	27750	4.793	ng/u1	0.00
81) Pyrene-d10	20.095	212	32334	5.016	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.312	264	28328	4.823	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	15.049	153	7035	2.214	ng/u1	96
56) Dibenzofuran	15.378	168	5626	1.226	ng/u1	95
61) Fluorene	16.030	166	8565	2.208	ng/u1	98
72) Phenanthrene	17.769	178	162702	24.632	ng/u1	100
74) Anthracene	17.863	178	37581	5.664	ng/u1	98
77) Carbazole	18.127	167	16635	3.000	ng/u1	94
80) Fluoranthene	19.760	202	301839	39.416	ng/u1	97
82) Pyrene	20.124	202	243996	31.475	ng/u1	98
85) Benzo(a)anthracene	22.022	228	123525	16.082	ng/u1	98
87) Chrysene	22.092	228	111486	15.384	ng/u1	98
90) Benzo(b)fluoranthene	24.436	252	154101	19.302	ng/u1	96
91) Benzo(k)fluoranthene	24.501	252	55135m	7.098	ng/u1	
93) Benzo(a)pyrene	25.394	252	111196	16.133	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	29.623	276	79666	9.246	ng/u1	100
95) Dibenzo(a,h)anthracene	29.670	278	21948m	3.072	ng/u1	
96) Benzo(g,h,i)perylene	30.904	276	67732	9.713	ng/u1	98

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

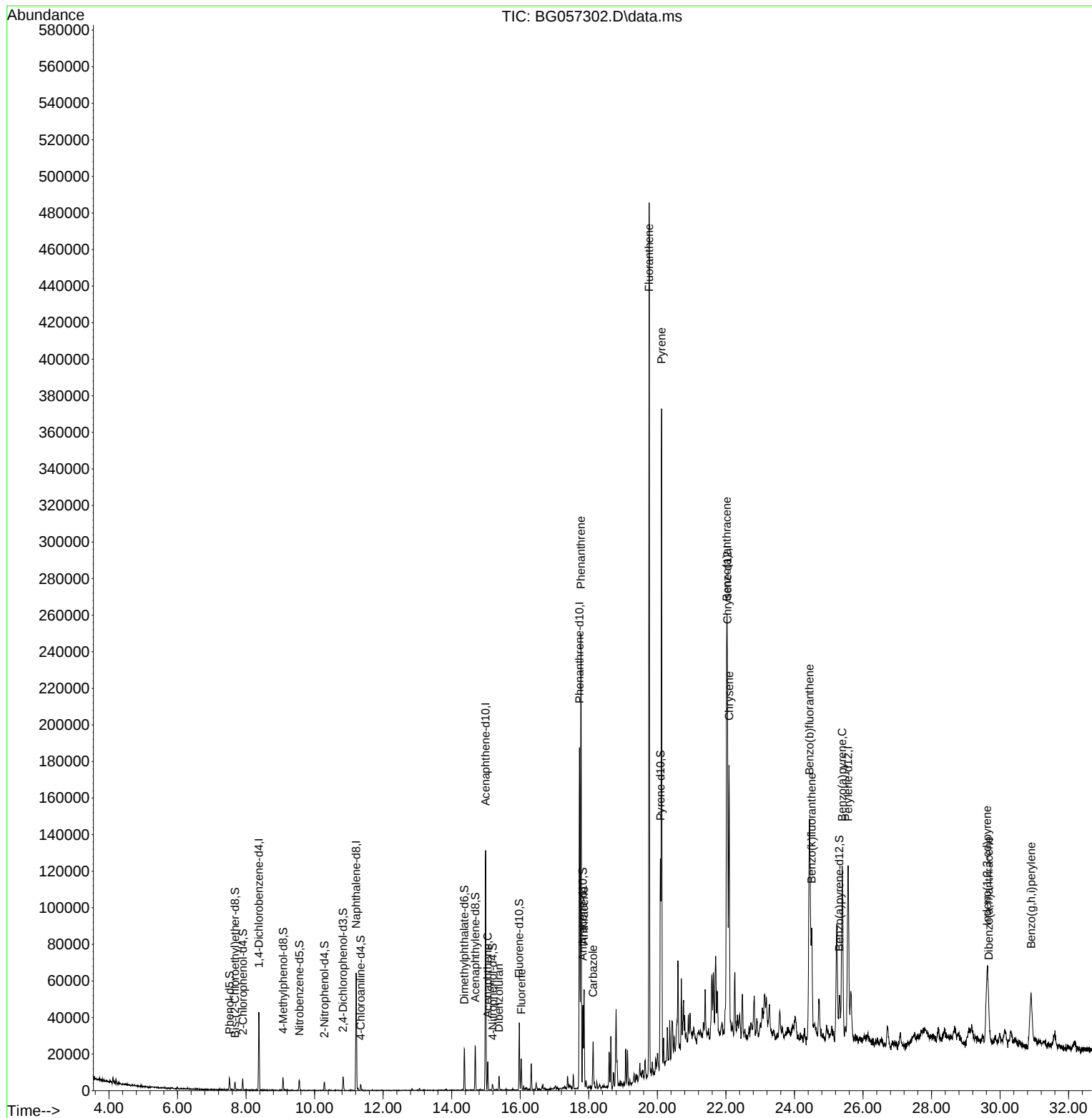
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057302.D
Acq On : 4 May 2023 13:58
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ALS Vial : 7 Sample Multiplier: 1

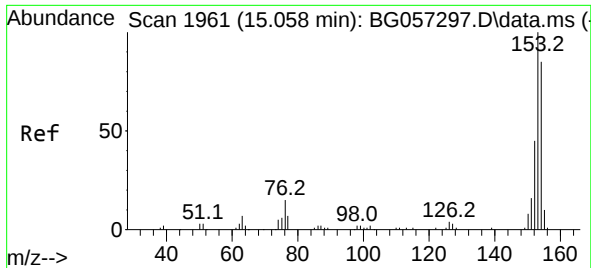
Instrument :
BNA_G
ClientSampleId :
EW936DL

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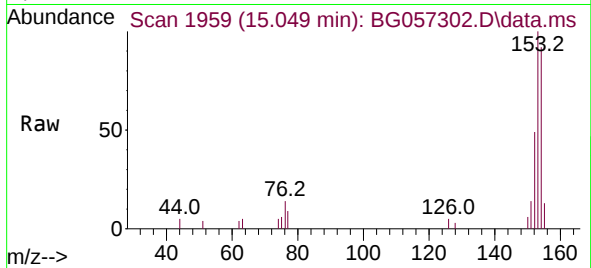
Quant Time: May 05 02:19:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration





#52
Acenaphthene
Concen: 2.214 ng/ul
RT: 15.049 min Scan# 1959
Delta R.T. -0.011 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

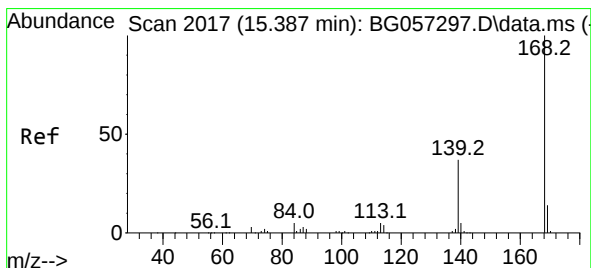
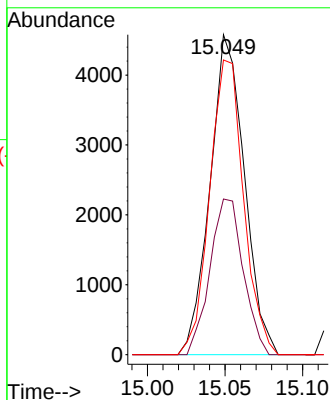
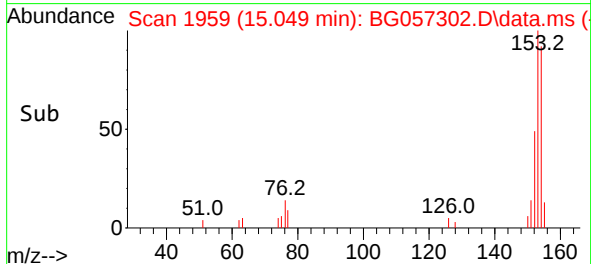
Instrument :
BNA_G
ClientSampleId :
EW936DL



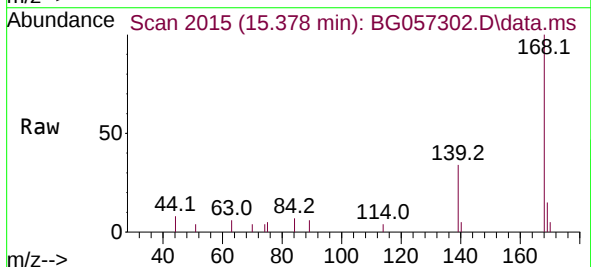
Tgt Ion:153 Resp: 7039
Ion Ratio Lower Upper
153 100
152 48.6 36.5 54.7
154 92.1 70.6 106.0

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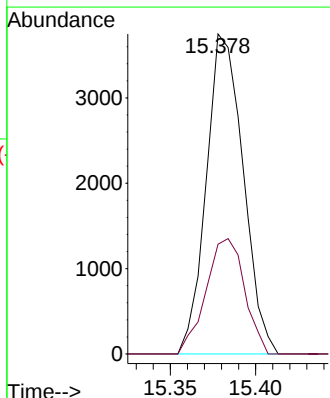
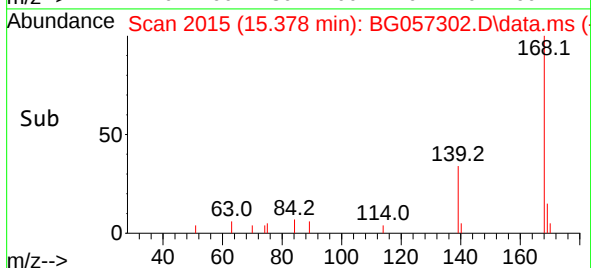
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

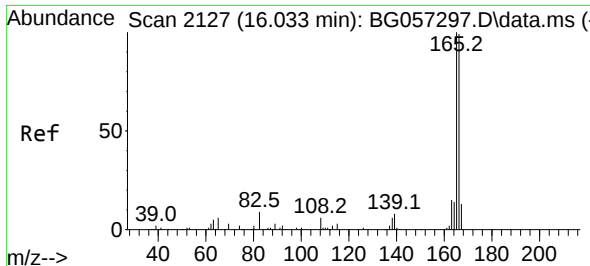


#56
Dibenzofuran
Concen: 1.226 ng/ul
RT: 15.378 min Scan# 2015
Delta R.T. -0.011 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58



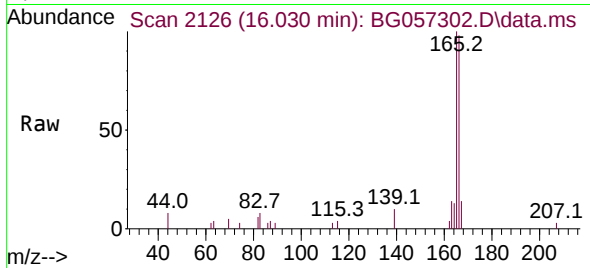
Tgt Ion:168 Resp: 5626
Ion Ratio Lower Upper
168 100
139 34.3 29.6 44.4





#61
Fluorene
Concen: 2.208 ng/ul
RT: 16.030 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

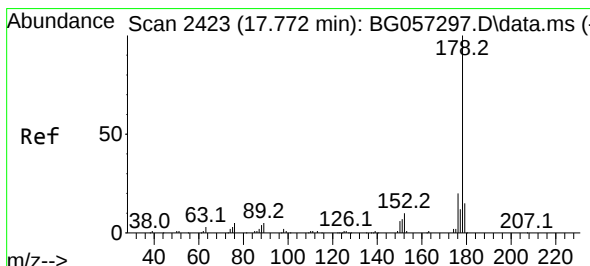
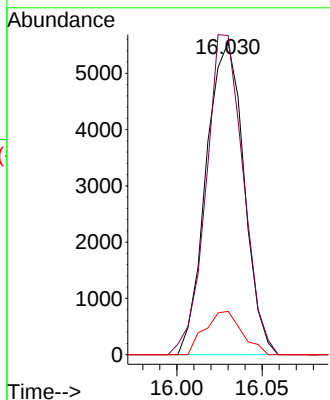
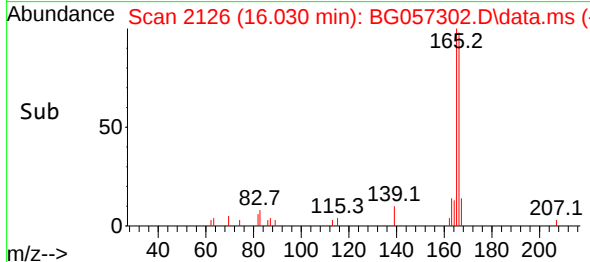
Instrument :
BNA_G
ClientSampleId :
EW936DL



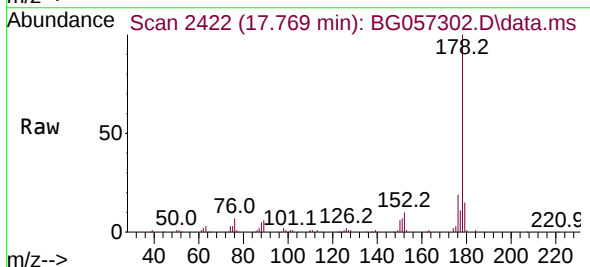
Tgt Ion:166 Resp: 856
Ion Ratio Lower Upper
166 100
165 102.2 80.1 120.1
167 13.9 10.2 15.4

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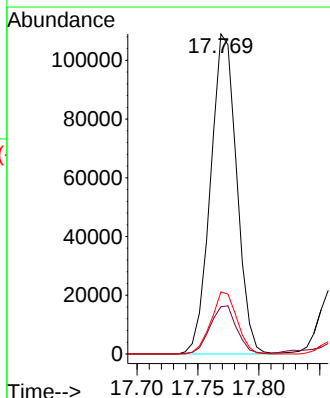
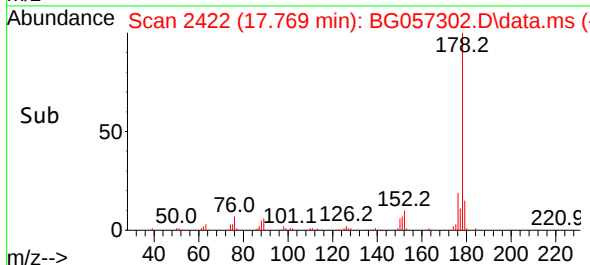
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

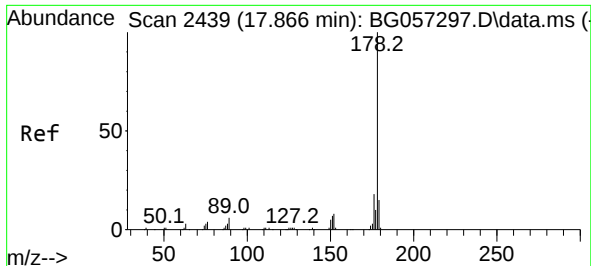


#72
Phenanthrene
Concen: 24.632 ng/ul
RT: 17.769 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58



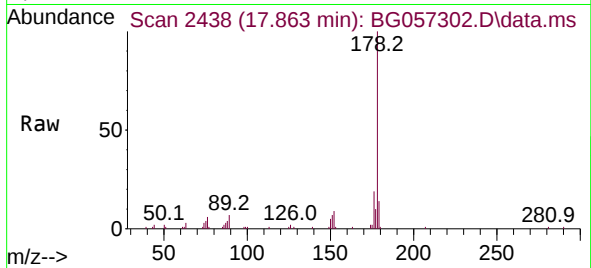
Tgt Ion:178 Resp: 162702
Ion Ratio Lower Upper
178 100
179 14.8 11.8 17.8
176 19.4 15.4 23.0





#74
 Anthracene
 Concen: 5.664 ng/u1
 RT: 17.863 min Scan# 2439
 Delta R.T. -0.005 min
 Lab File: BG057302.D
 Acq: 4 May 2023 13:58

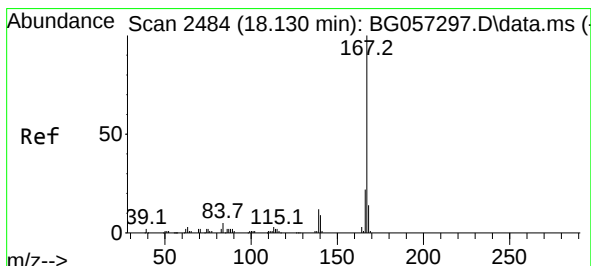
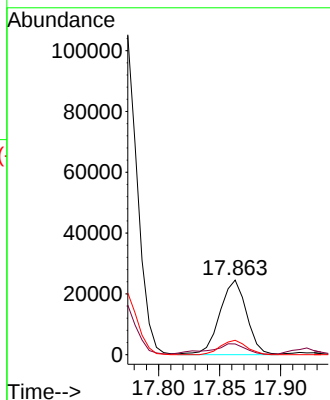
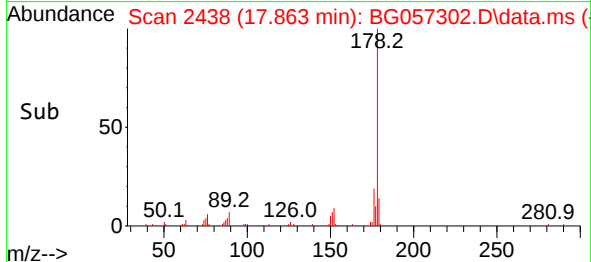
Instrument :
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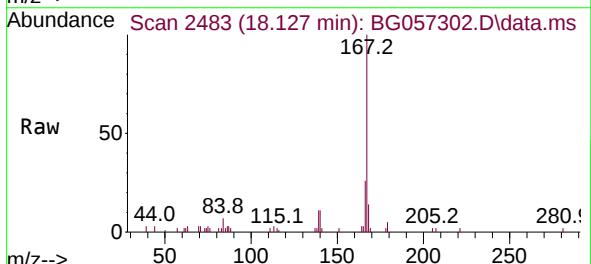
Tgt Ion:178 Resp: 3758
 Ion Ratio Lower Upper
 178 100
 179 14.4 12.5 18.7
 176 19.2 14.7 22.1

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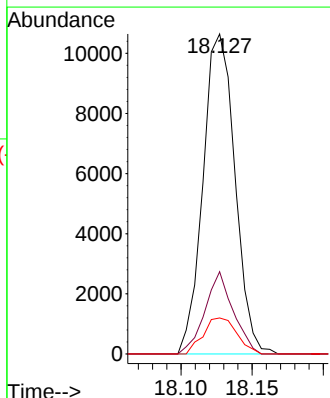
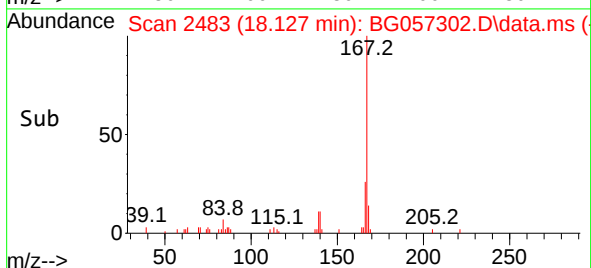
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

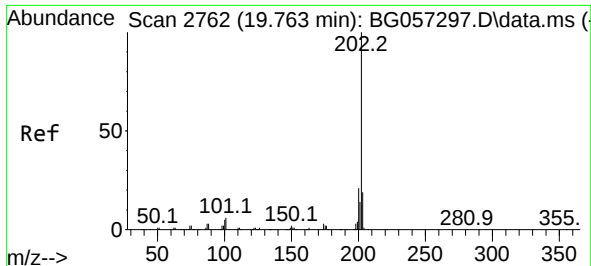


#77
 Carbazole
 Concen: 3.000 ng/u1
 RT: 18.127 min Scan# 2483
 Delta R.T. -0.006 min
 Lab File: BG057302.D
 Acq: 4 May 2023 13:58



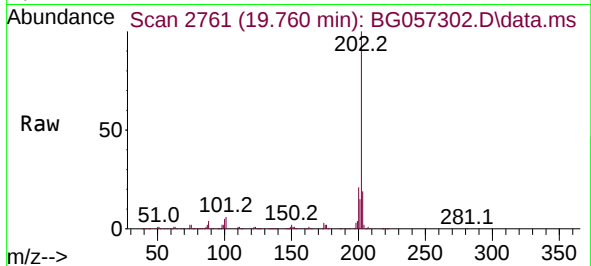
Tgt Ion:167 Resp: 16635
 Ion Ratio Lower Upper
 167 100
 166 25.7 18.0 27.0
 139 11.2 10.3 15.5





#80
Fluoranthene
Concen: 39.416 ng/u1
RT: 19.760 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

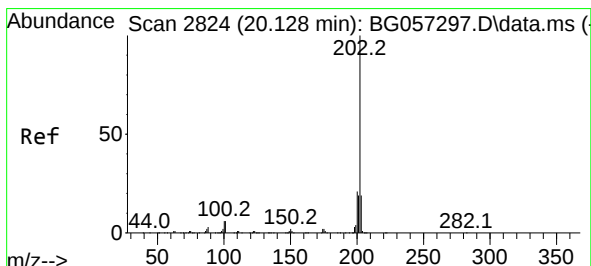
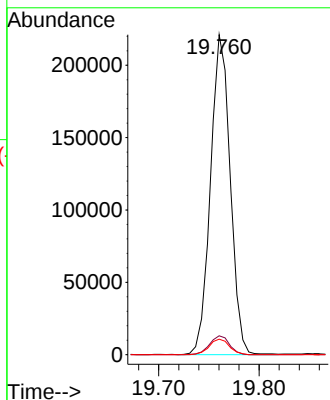
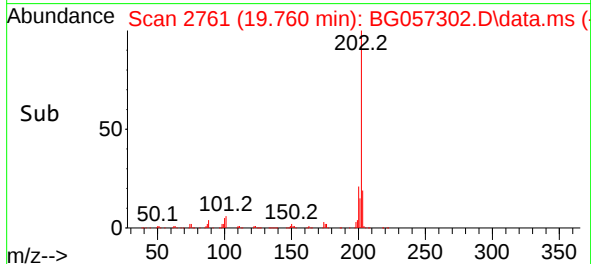
Instrument :
BNA_G
ClientSampleId :
EW936DL



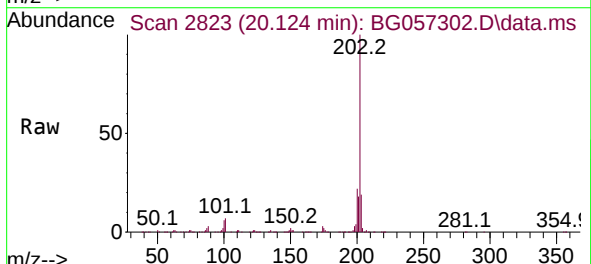
Tgt Ion:202 Resp: 301839
Ion Ratio Lower Upper
202 100
101 5.9 5.8 8.6
100 4.9 4.6 7.0

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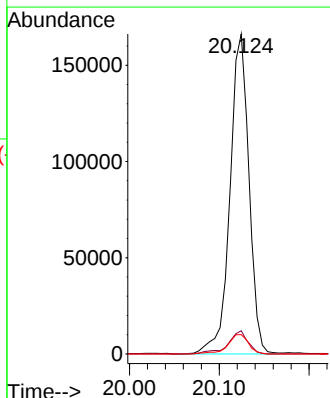
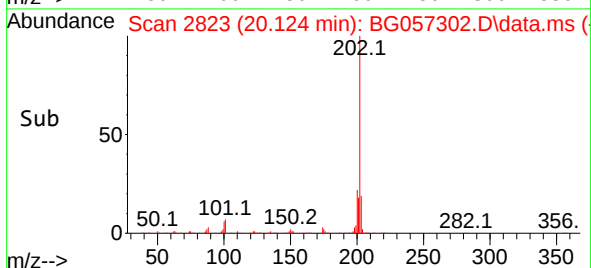
Reviewed By :Christian Giraldo 05/05/2023
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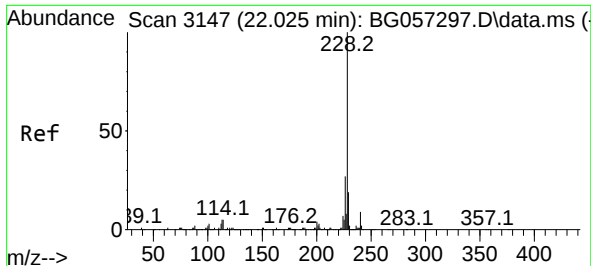


#82
Pyrene
Concen: 31.475 ng/u1
RT: 20.124 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58



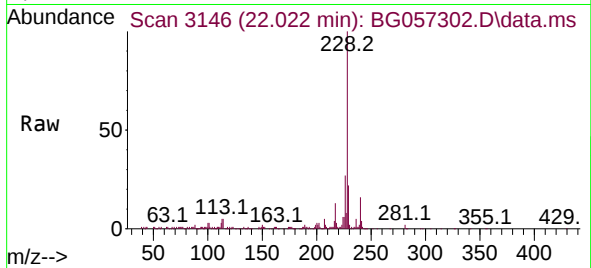
Tgt Ion:202 Resp: 243996
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.1 6.0 9.0





#85
Benzo(a)anthracene
Concen: 16.082 ng/u1
RT: 22.022 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

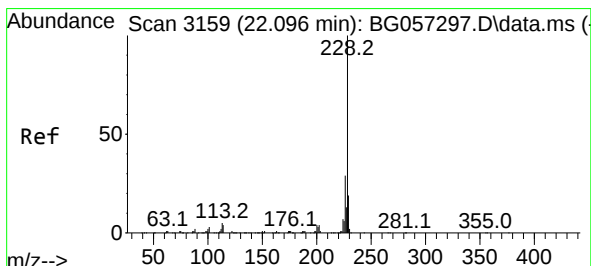
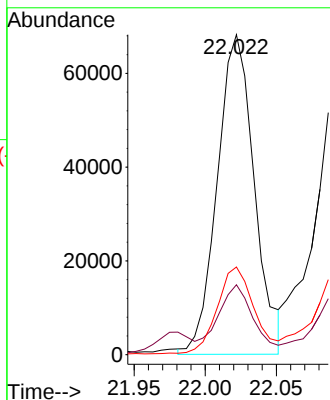
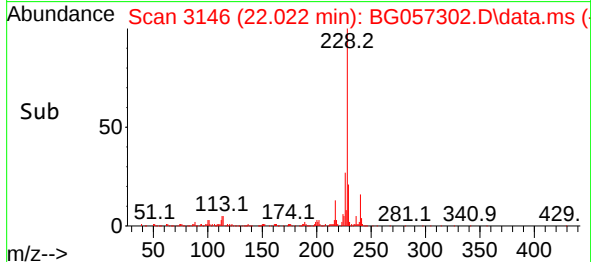
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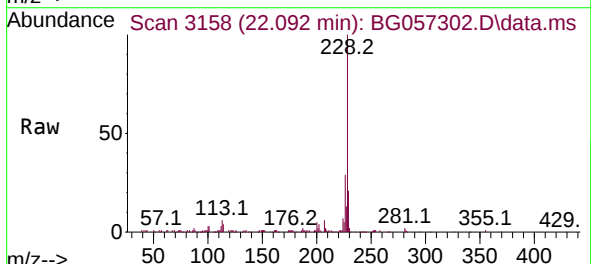
Tgt Ion:228 Resp: 123529
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 27.4 21.7 32.5

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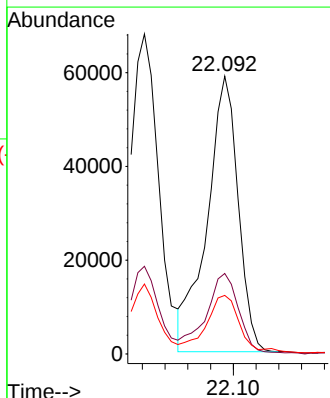
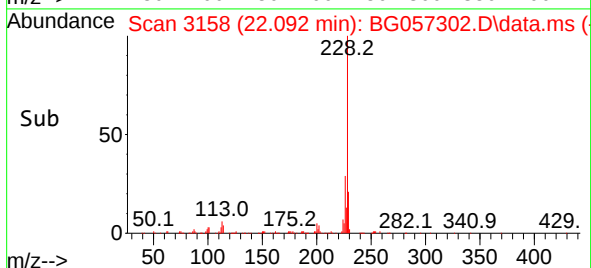
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

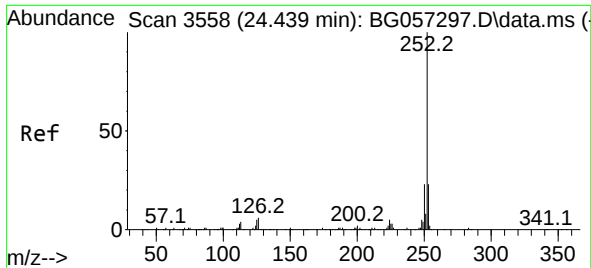


#87
Chrysene
Concen: 15.384 ng/u1
RT: 22.092 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58



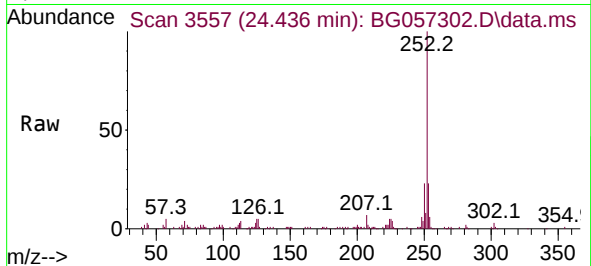
Tgt Ion:228 Resp: 111486
Ion Ratio Lower Upper
228 100
226 29.0 22.8 34.2
229 21.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 19.302 ng/ul
RT: 24.436 min Scan# 3557
Delta R.T. 0.000 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

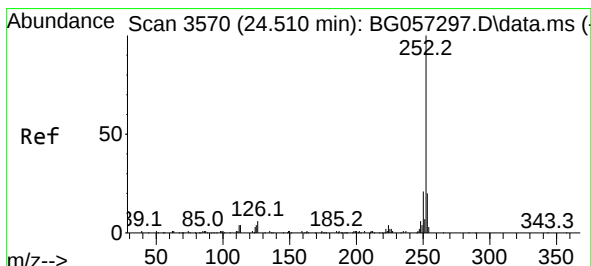
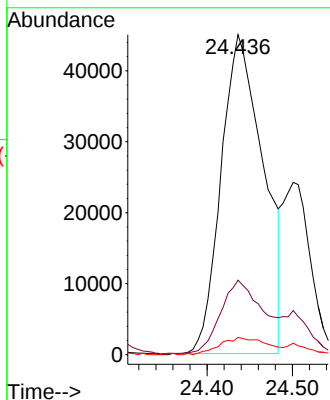
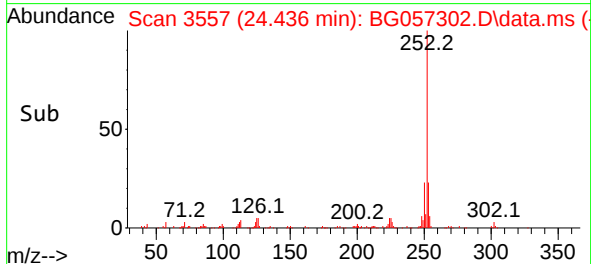
Instrument :
BNA_G
ClientSampleId :
EW936DL



Tgt Ion:252 Resp: 15410
Ion Ratio Lower Upper
252 100
253 23.3 16.7 25.1
125 5.4 4.8 7.2

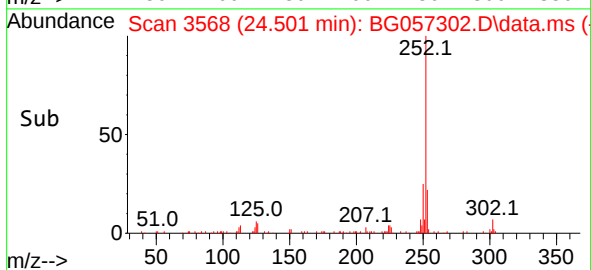
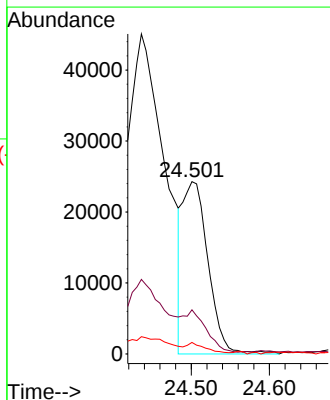
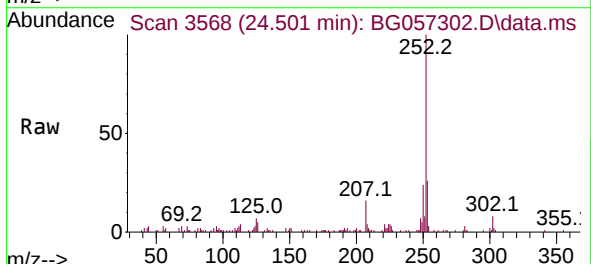
Manual Integrations
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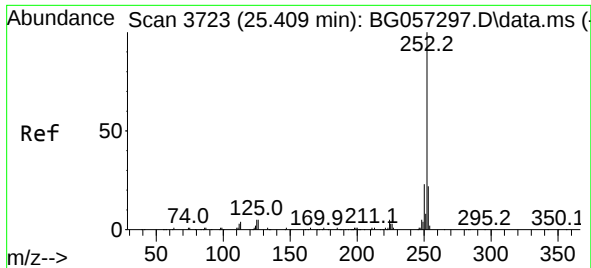
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#91
Benzo(k)fluoranthene
Concen: 7.098 ng/ul m
RT: 24.501 min Scan# 3568
Delta R.T. -0.011 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

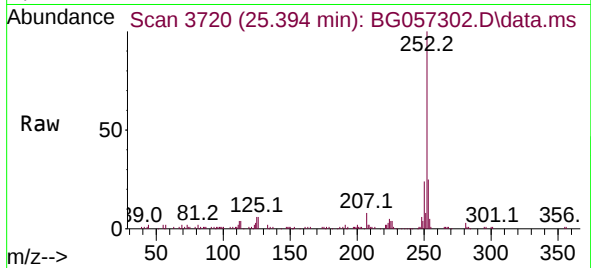
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Ion Ratio Lower Upper
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253 25.6 17.7 26.5
125 6.7 4.5 6.7#





#93
Benzo(a)pyrene
Concen: 16.133 ng/u1
RT: 25.394 min Scan# 311190
Delta R.T. -0.006 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

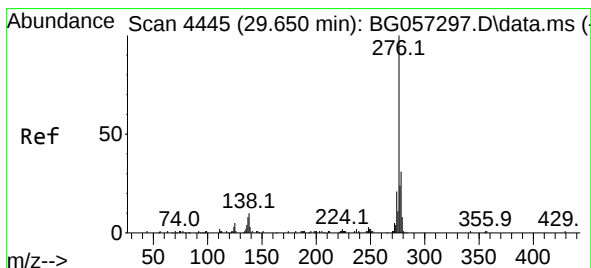
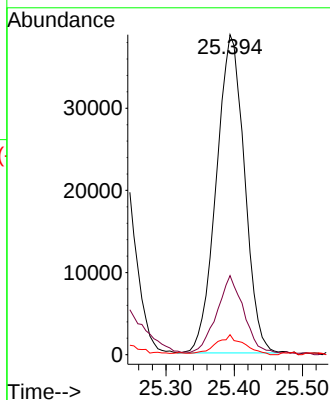
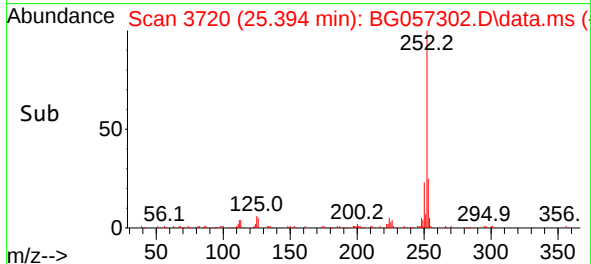
Instrument :
BNA_G
ClientSampleId :
EW936DL



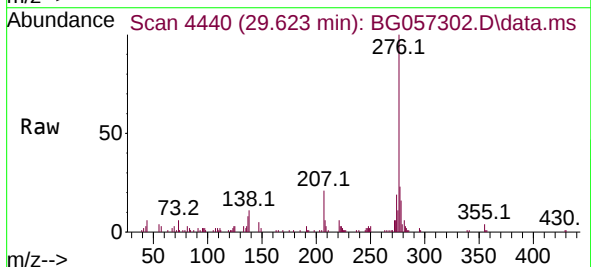
Tgt Ion:252 Resp: 111190
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 6.3 5.1 7.7

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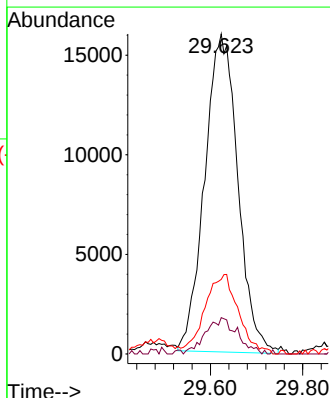
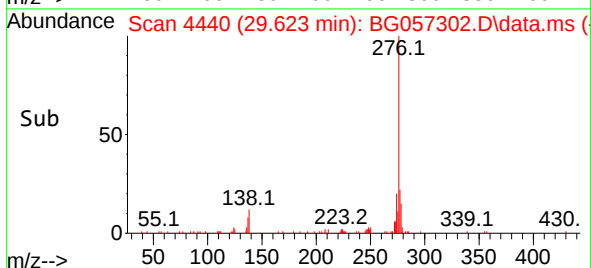
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

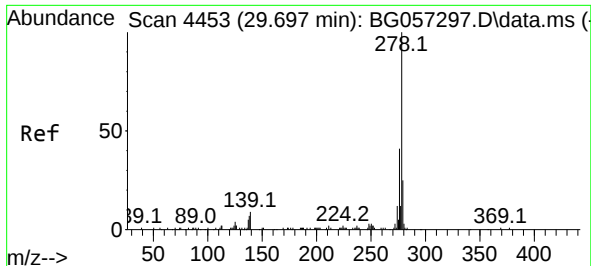


#94
Indeno(1,2,3-cd)pyrene
Concen: 9.246 ng/u1
RT: 29.623 min Scan# 4440
Delta R.T. 0.000 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58



Tgt Ion:276 Resp: 79666
Ion Ratio Lower Upper
276 100
138 11.4 9.4 14.2
277 23.3 18.6 28.0





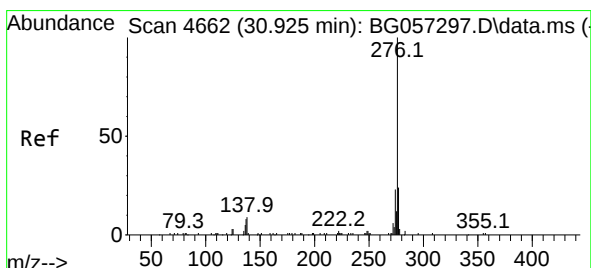
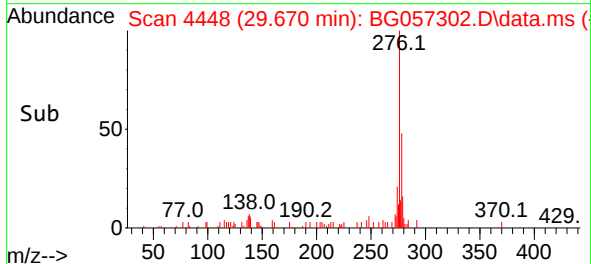
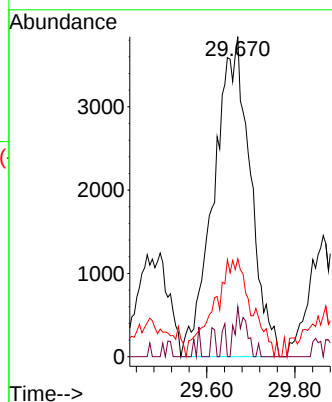
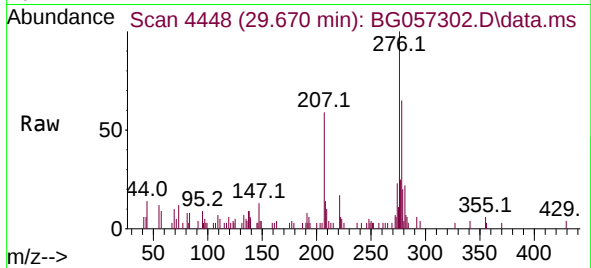
#95
Dibenzo(a,h)anthracene
Concen: 3.072 ng/ul m
RT: 29.670 min Scan# 4453
Delta R.T. -0.023 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

Instrument :
BNA_G
ClientSampleId :
EW936DL

Tgt Ion:278 Resp: 2194
Ion Ratio Lower Upper
278 100
139 8.5 5.8 8.6
279 30.6 18.3 27.5

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 9.713 ng/ul
RT: 30.904 min Scan# 4658
Delta R.T. -0.006 min
Lab File: BG057302.D
Acq: 4 May 2023 13:58

Tgt Ion:276 Resp: 67732
Ion Ratio Lower Upper
276 100
138 10.7 8.7 13.1
277 24.1 18.4 27.6

