

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057293.D
 Acq On : 3 May 2023 19:20
 Operator : CG/JU
 Sample : 02419-28DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:47:10 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	17777	20.000	ng/u1	0.00
20) Naphthalene-d8	11.221	136	74008	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.993	164	57035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	122763	20.000	ng/u1	0.00
79) Chrysene-d12	22.060	240	101159	20.000	ng/u1	0.00
88) Perylene-d12	25.602	264	109705	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	276	0.683	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.520	99	9731	5.788	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	5757	5.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	7538	6.804	ng/u1	0.00
15) 4-Methylphenol-d8	9.083	113	6442	5.042	ng/u1	0.00
21) Nitrobenzene-d5	9.559	128	3616	6.135	ng/u1	0.00
24) 2-Nitrophenol-d4	10.287	143	4240	6.164	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	9088	6.848	ng/u1	0.00
31) 4-Chloroaniline-d4	11.351	131	3181	1.809	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	33608	7.437	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	38318	7.544	ng/u1	0.00
54) 4-Nitrophenol-d4	15.192	143	2648	4.025	ng/u1	0.01
60) Fluorene-d10	15.980	176	30753	7.305	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.836	188	46352	8.272	ng/u1	0.00
81) Pyrene-d10	20.103	212	50910	8.479	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.355	264	44816	8.018	ng/u1	0.03
Target Compounds						
					Qvalue	
16) Acetophenone	9.206	105	8487	3.860	ng/u1	96
72) Phenanthrene	17.777	178	36313	5.680	ng/u1	96
74) Anthracene	17.871	178	7325m	1.141	ng/u1	
78) Di-n-butylphthalate	18.652	149	20436	3.330	ng/u1#	95
80) Fluoranthene	19.769	202	111700	15.660	ng/u1	97
82) Pyrene	20.133	202	107814	14.931	ng/u1#	97
83) Butylbenzylphthalate	20.985	149	23386	10.113	ng/u1	91
85) Benzo(a)anthracene	22.036	228	83504	11.672	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.877	149	204005	60.659	ng/u1	95
87) Chrysene	22.107	228	86036	12.746	ng/u1	92
89) Di-n-octyl phthalate	23.193	149	25285	4.174	ng/u1	100
90) Benzo(b)fluoranthene	24.462	252	158985	20.927	ng/u1	93
91) Benzo(k)fluoranthene	24.533	252	51408m	6.956	ng/u1	
93) Benzo(a)pyrene	25.437	252	103879	15.838	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	29.690	276	85704	10.454	ng/u1	98
95) Dibenzo(a,h)anthracene	29.726	278	23806m	3.502	ng/u1	
96) Benzo(g,h,i)perylene	30.983	276	92833m	13.991	ng/u1	

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

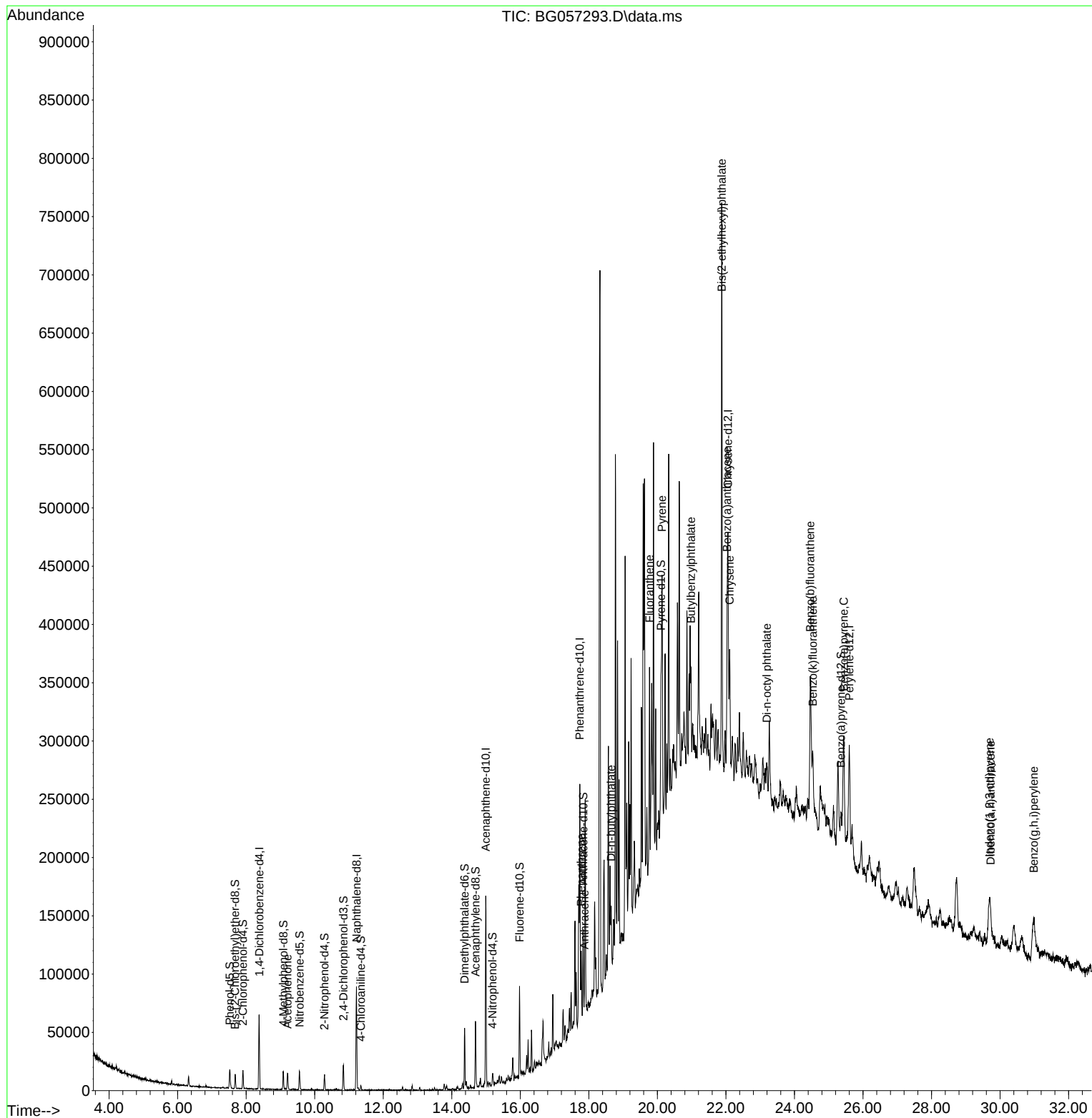
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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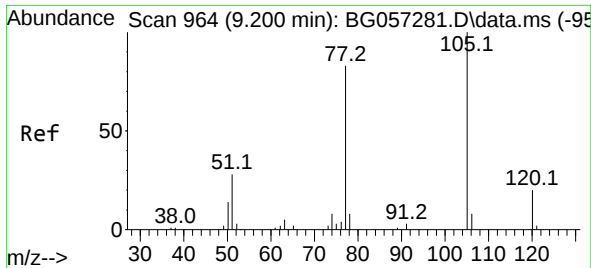
Instrument :
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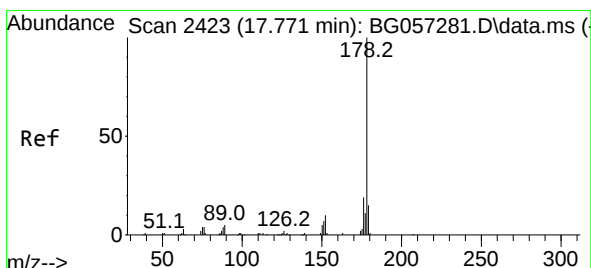
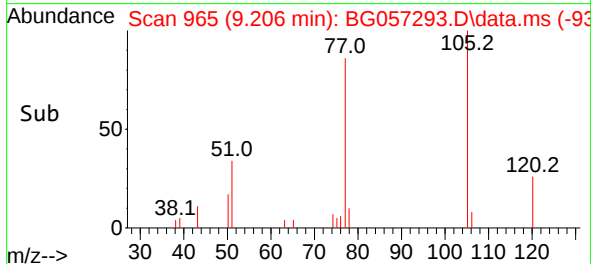
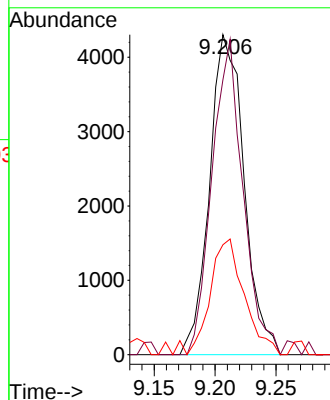
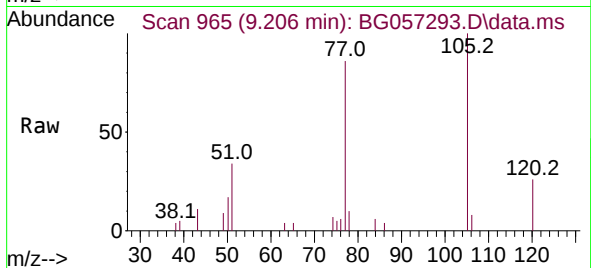
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Acetophenone
Concen: 3.860 ng/ul
RT: 9.206 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Instrument :
BNA_G
ClientSampleId :
EW925DL

Tgt Ion:105 Resp: 848
Ion Ratio Lower Upper
105 100
77 85.9 70.6 105.8
51 34.3 24.5 36.7

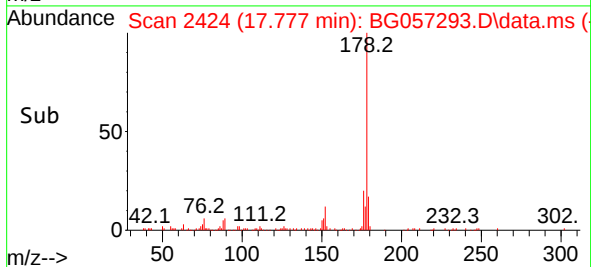
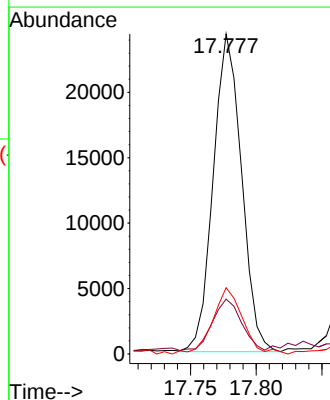
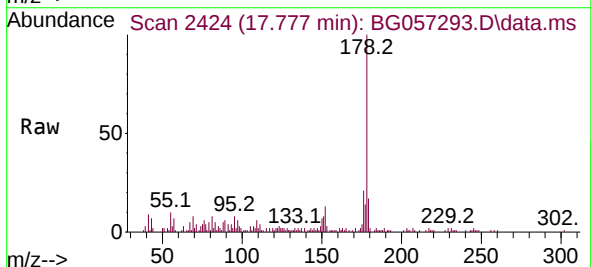
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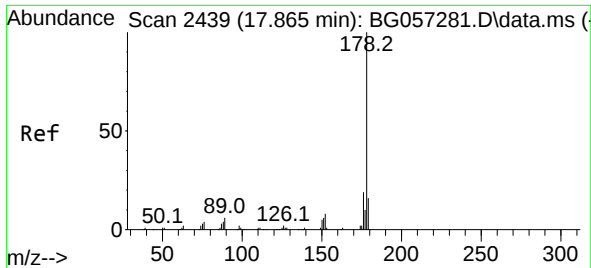
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#72
Phenanthrene
Concen: 5.680 ng/ul
RT: 17.777 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

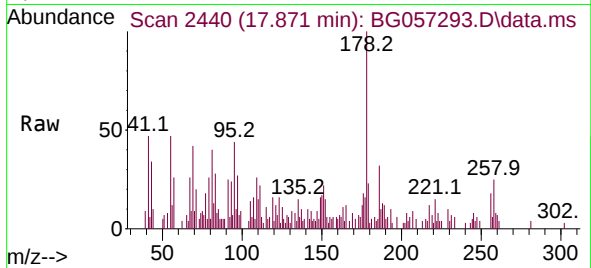
Tgt Ion:178 Resp: 36313
Ion Ratio Lower Upper
178 100
179 17.1 11.8 17.8
176 20.7 15.4 23.0





#74
 Anthracene
 Concen: 1.141 ng/ul m
 RT: 17.871 min Scan# 2439
 Delta R.T. 0.003 min
 Lab File: BG057293.D
 Acq: 3 May 2023 19:20

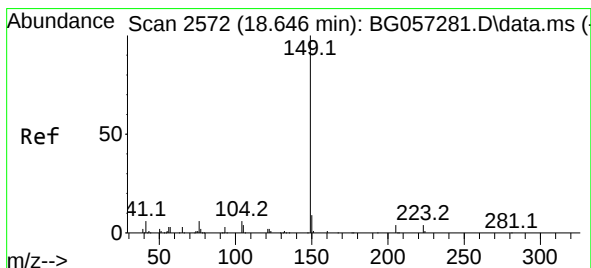
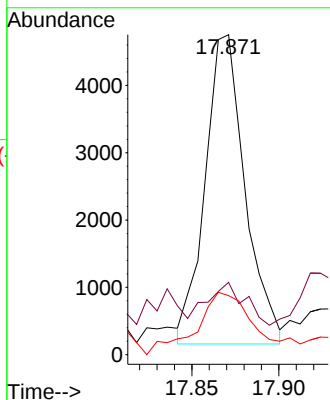
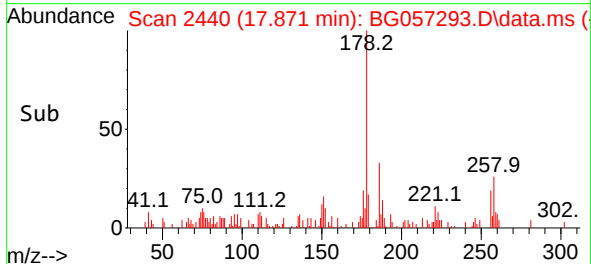
Instrument :
 BNA_G
 ClientSampleId :
 EW925DL



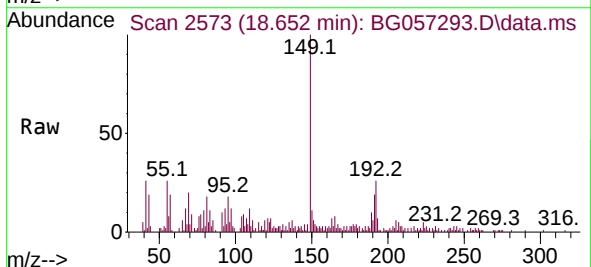
Tgt Ion:178 Resp: 7325
 Ion Ratio Lower Upper
 178 100
 179 22.6 12.5 18.7#
 176 18.5 14.7 22.1#

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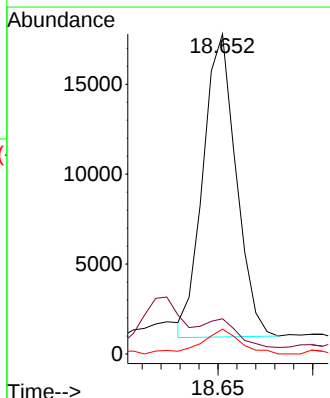
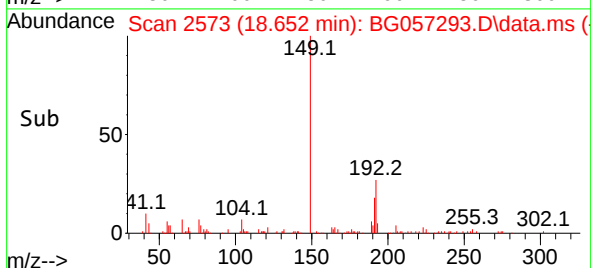
Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

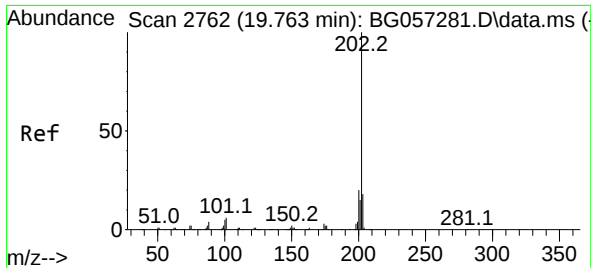


#78
 Di-n-butylphthalate
 Concen: 3.330 ng/ul
 RT: 18.652 min Scan# 2573
 Delta R.T. 0.003 min
 Lab File: BG057293.D
 Acq: 3 May 2023 19:20



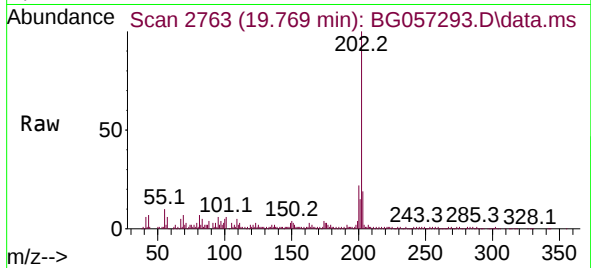
Tgt Ion:149 Resp: 20436
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.3 10.9#
 104 7.8 5.0 7.6#





#80
Fluoranthene
Concen: 15.660 ng/ul
RT: 19.769 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

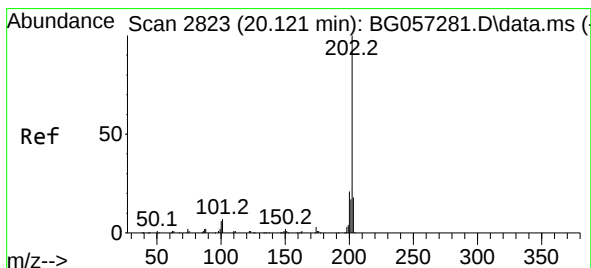
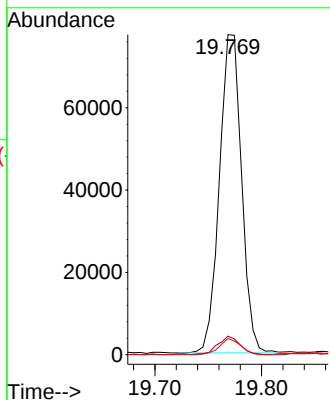
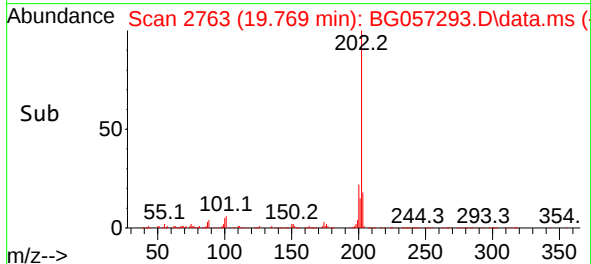
Instrument :
BNA_G
ClientSampleId :
EW925DL



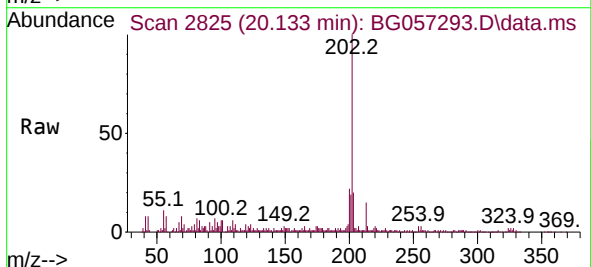
Tgt Ion:202 Resp: 111700
Ion Ratio Lower Upper
202 100
101 5.8 5.8 8.6
100 5.1 4.6 7.0

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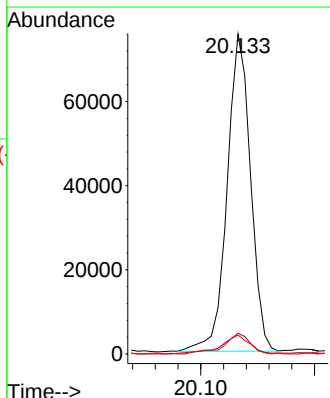
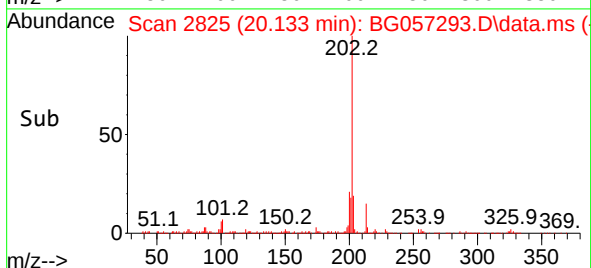
Reviewed By :Christian Giraldo 05/04/2023
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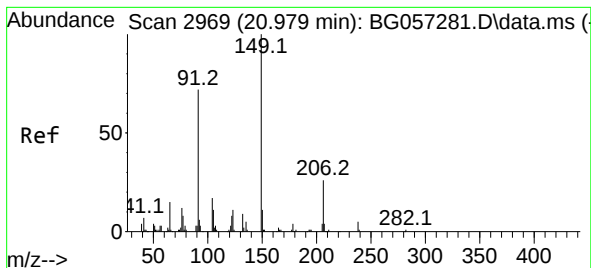


#82
Pyrene
Concen: 14.931 ng/ul
RT: 20.133 min Scan# 2825
Delta R.T. 0.009 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20



Tgt Ion:202 Resp: 107814
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.9 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 10.113 ng/ul

RT: 20.985 min Scan# 2969

Delta R.T. 0.003 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EW925DL

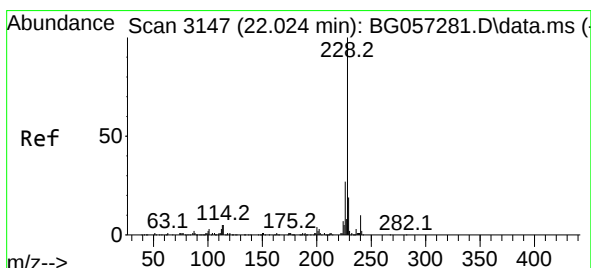
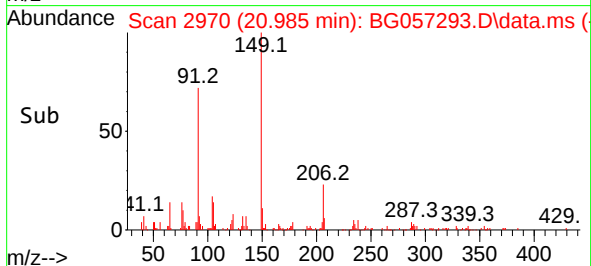
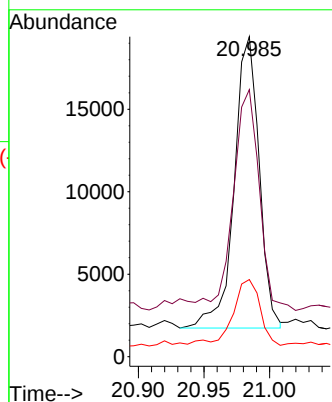
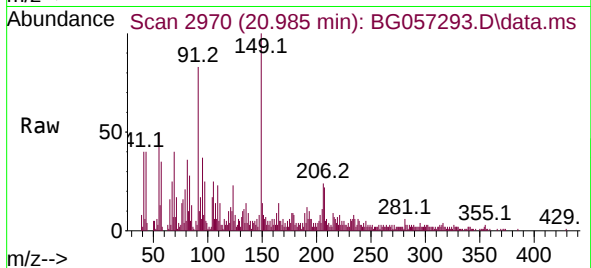
Tgt Ion:	149	Resp:	23380
Ion Ratio	Lower	Upper	
149	100		
91	83.5	58.6	87.8
206	24.1	19.8	29.8

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 11.672 ng/ul

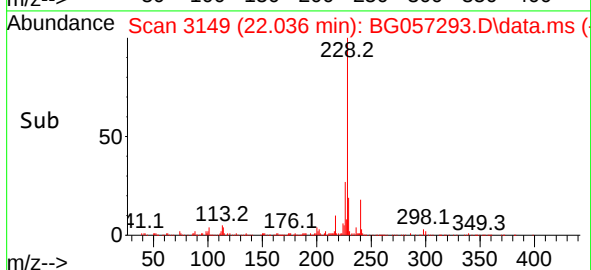
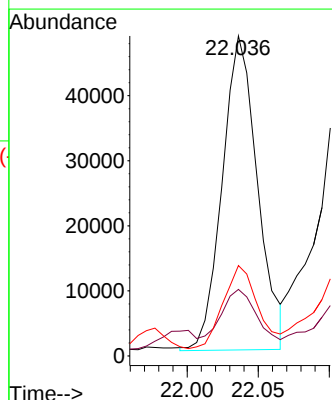
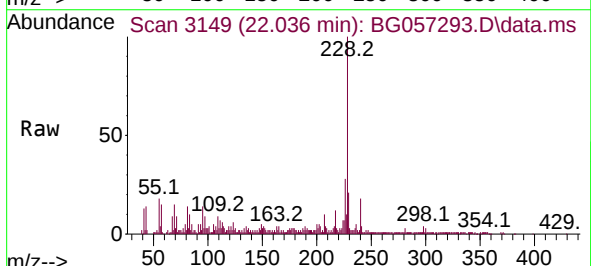
RT: 22.036 min Scan# 3149

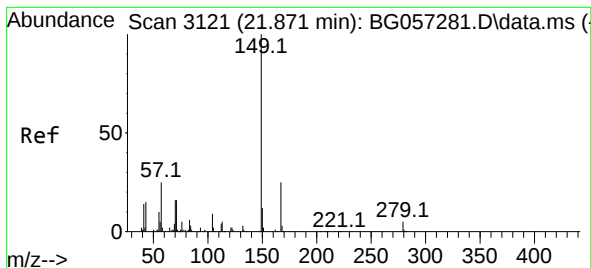
Delta R.T. 0.009 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

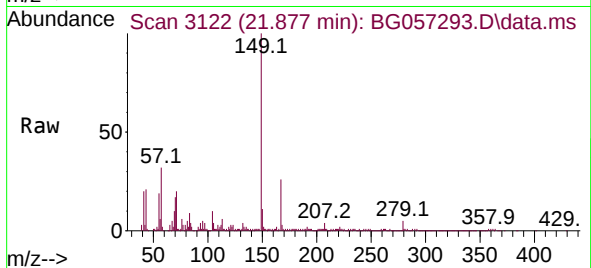
Tgt Ion:	228	Resp:	83504
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.6
226	28.2	21.7	32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 60.659 ng/ul
RT: 21.877 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

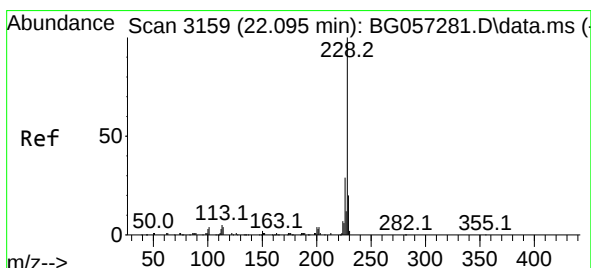
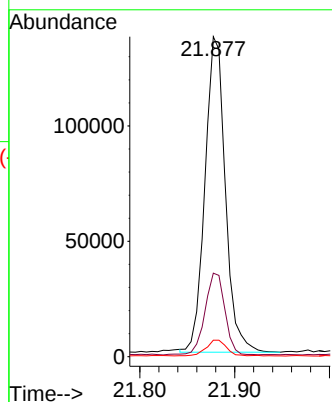
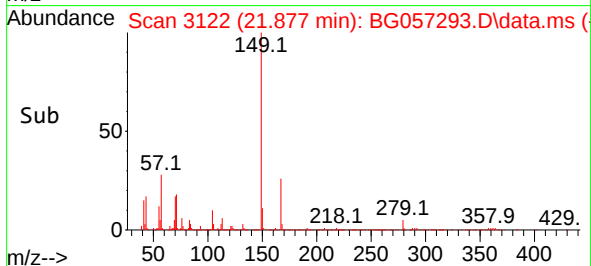
Instrument :
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Tgt Ion:149 Resp: 20400
Ion Ratio Lower Upper
149 100
167 26.1 23.0 34.6
279 5.2 3.6 5.4

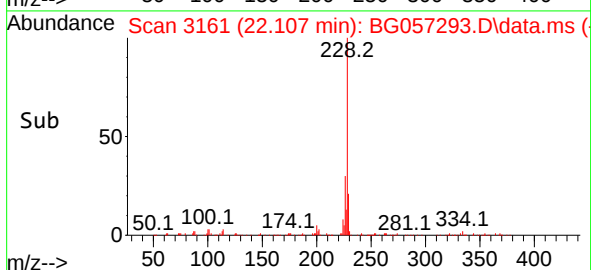
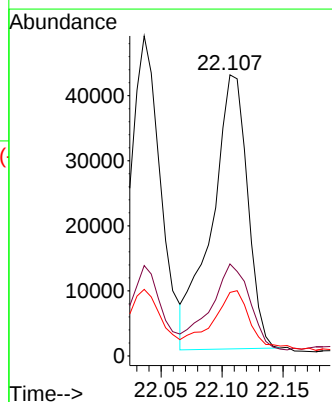
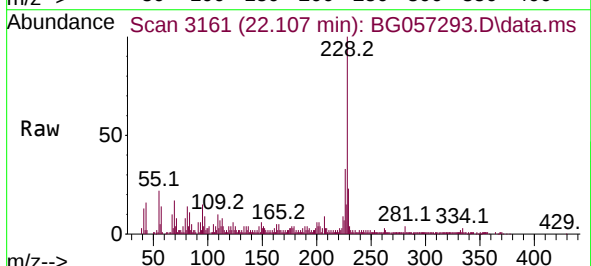
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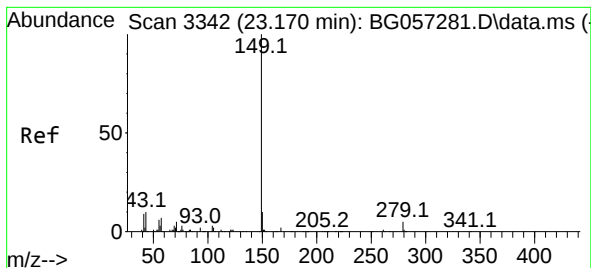
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#87
Chrysene
Concen: 12.746 ng/ul
RT: 22.107 min Scan# 3161
Delta R.T. 0.009 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Tgt Ion:228 Resp: 86036
Ion Ratio Lower Upper
228 100
226 32.8 22.8 34.2
229 22.6 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 4.174 ng/ul

RT: 23.193 min Scan# 31

Delta R.T. 0.015 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

Instrument :

BNA_G

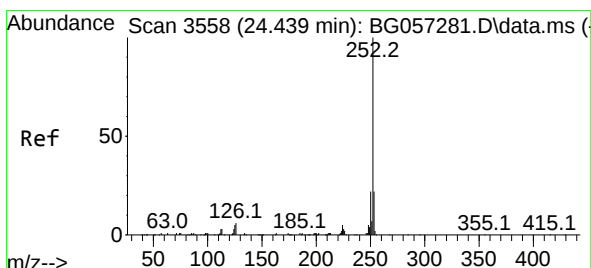
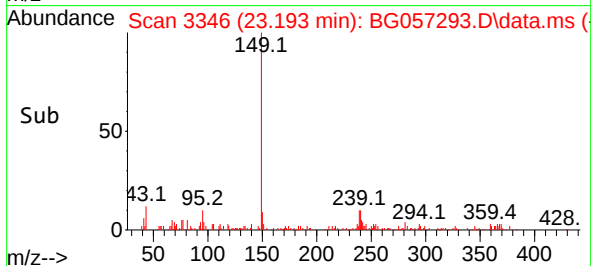
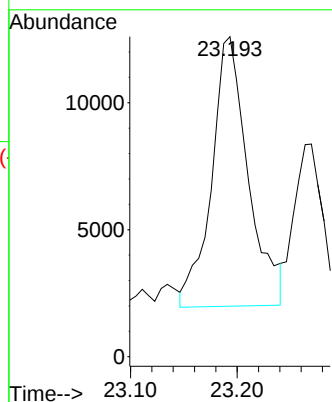
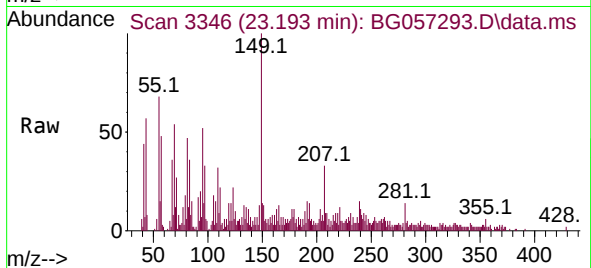
ClientSampleId :

EW925DL

Tgt Ion:149 Resp: 2528

Manual Integrations
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#90

Benzo(b)fluoranthene

Concen: 20.927 ng/ul

RT: 24.462 min Scan# 3562

Delta R.T. 0.026 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

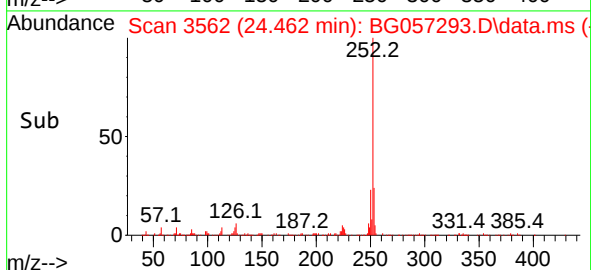
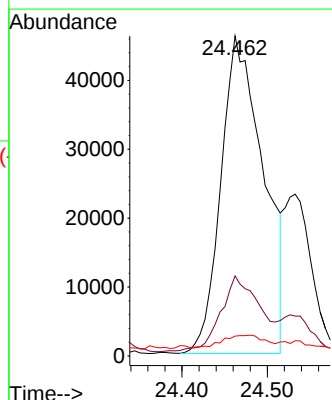
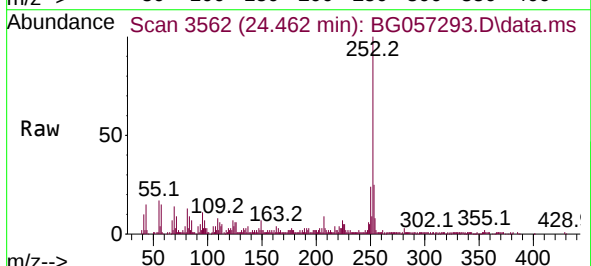
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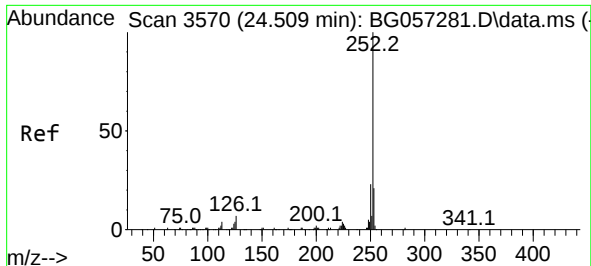
Ion Ratio Lower Upper

252 100

253 25.0 16.7 25.1

125 6.2 4.8 7.2





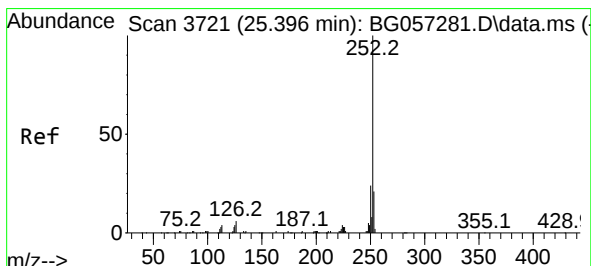
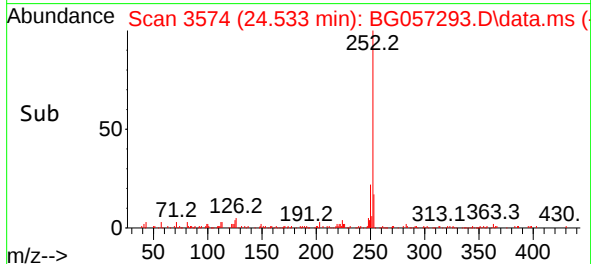
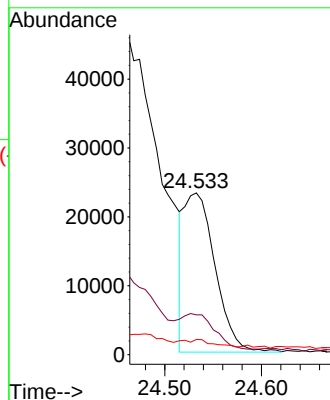
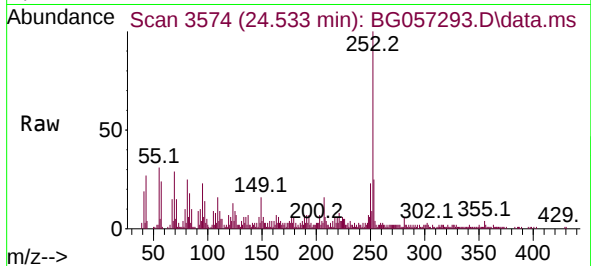
#91
Benzo(k)fluoranthene
Concen: 6.956 ng/ul m
RT: 24.533 min Scan# 3574
Delta R.T. 0.020 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Instrument :
BNA_G
ClientSampleId :
EW925DL

Tgt Ion:252 Resp: 51408
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 9.4 4.5 6.7

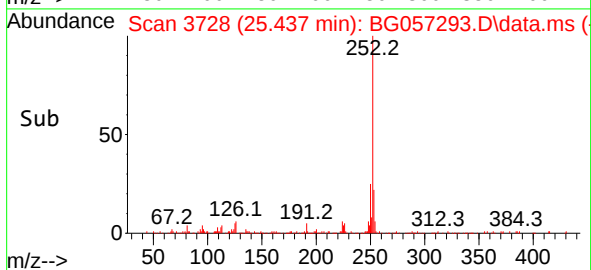
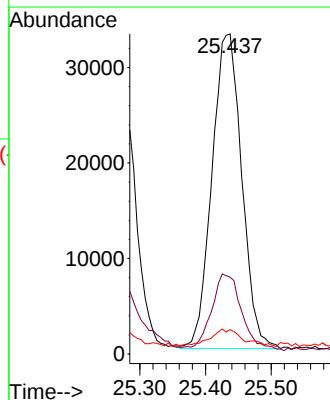
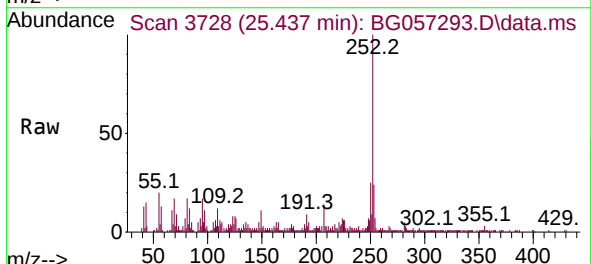
Manual Integrations
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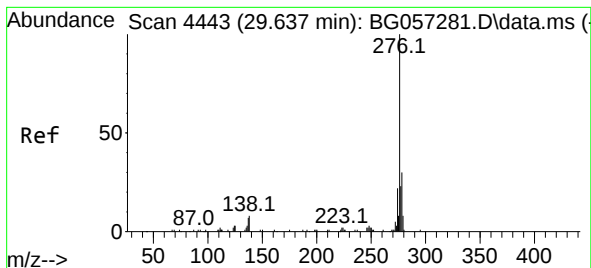
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#93
Benzo(a)pyrene
Concen: 15.838 ng/ul
RT: 25.437 min Scan# 3728
Delta R.T. 0.038 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Tgt Ion:252 Resp: 103879
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 7.6 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.454 ng/ul

RT: 29.690 min Scan# 4452

Delta R.T. 0.067 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EW925DL

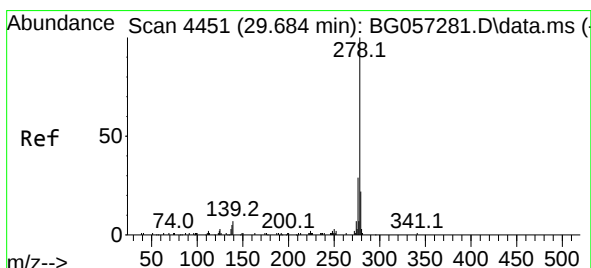
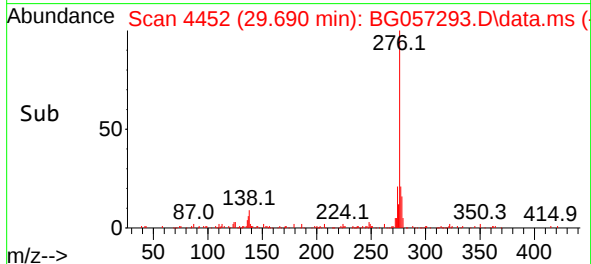
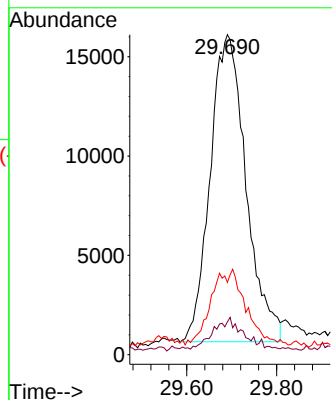
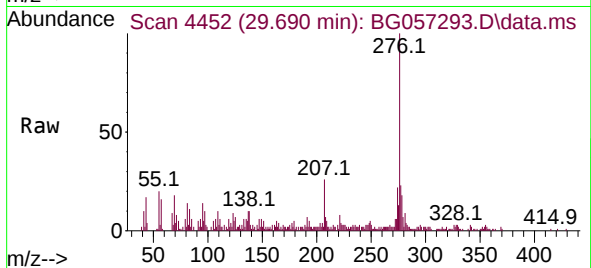
Tgt Ion:	276	Resp:	85704
Ion Ratio	Lower	Upper	
276	100		
138	10.2	9.4	14.2
277	22.6	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 3.502 ng/ul m

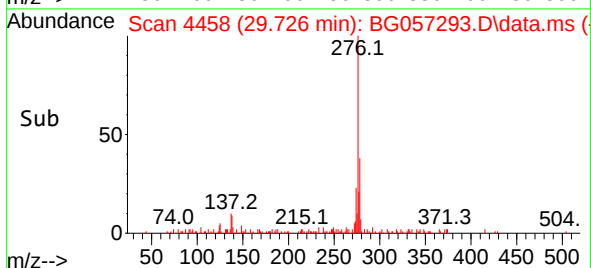
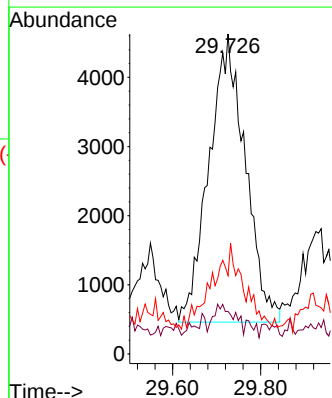
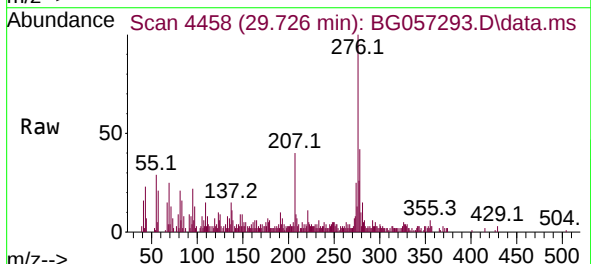
RT: 29.726 min Scan# 4458

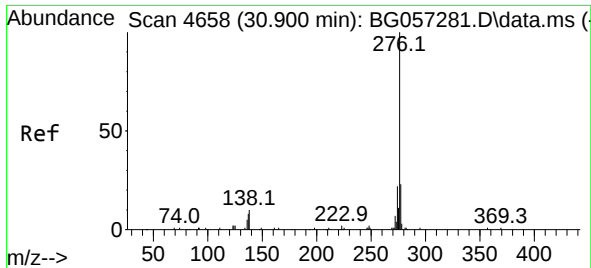
Delta R.T. 0.032 min

Lab File: BG057293.D

Acq: 3 May 2023 19:20

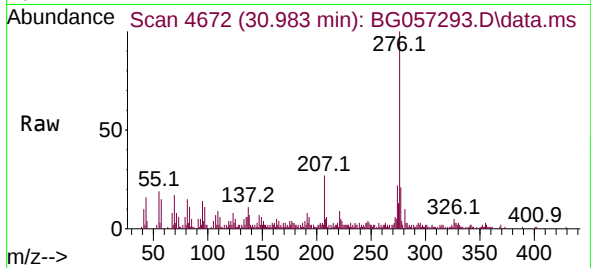
Tgt Ion:	278	Resp:	23806
Ion Ratio	Lower	Upper	
278	100		
139	13.3	5.8	8.6#
279	24.5	18.3	27.5





#96
Benzo(g,h,i)perylene
Concen: 13.991 ng/ul m
RT: 30.983 min Scan# 4
Delta R.T. 0.073 min
Lab File: BG057293.D
Acq: 3 May 2023 19:20

Instrument :
BNA_G
ClientSampleId :
EW925DL



Tgt Ion:276 Resp: 9283
Ion Ratio Lower Upper
276 100
138 7.4 8.7 13.1
277 21.1 18.4 27.6

Manual Integrations
APPROVED

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

