

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057230.D
 Acq On : 28 Apr 2023 23:36
 Operator : CG/JU
 Sample : 02417-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 01:41:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14073	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	61742	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	49348	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.724	188	121020	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	110023	20.000	ng/u1	0.00
88) Perylene-d12	25.543	264	115497	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	447	1.398	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.514	99	11688	8.782	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	7733	9.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	8438	9.621	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	6604	6.529	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	4631	9.419	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	5808	10.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	10589	9.565	ng/u1	0.00
31) 4-Chloroaniline-d4	11.350	131	5259	3.584	ng/u1	0.01
46) Dimethylphthalate-d6	14.376	166	44838	11.467	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	49013	11.153	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	3505	6.158	ng/u1	0.00
60) Fluorene-d10	15.974	176	41399	11.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	5096	7.107	ng/u1	0.00
73) Anthracene-d10	17.824	188	62884	11.384	ng/u1	0.00
81) Pyrene-d10	20.091	212	79839	12.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.296	264	72488	12.319	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.206	105	6031	3.465	ng/u1	96
72) Phenanthrene	17.771	178	60874	9.659	ng/u1	98
74) Anthracene	17.859	178	17722	2.799	ng/u1	100
80) Fluoranthene	19.757	202	117430	15.137	ng/u1	99
82) Pyrene	20.121	202	105959	13.492	ng/u1	97
85) Benzo(a)anthracene	22.012	228	58789	7.555	ng/u1	97
87) Chrysene	22.083	228	58597	7.982	ng/u1	96
90) Benzo(b)fluoranthene	24.415	252	74015	9.254	ng/u1	99
91) Benzo(k)fluoranthene	24.486	252	19956	2.565	ng/u1	100
93) Benzo(a)pyrene	25.378	252	49762	7.207	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	29.567	276	33497m	3.881	ng/u1	
95) Dibenzo(a,h)anthracene	29.608	278	9224m	1.289	ng/u1	
96) Benzo(g,h,i)perylene	30.859	276	30005	4.295	ng/u1#	95

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

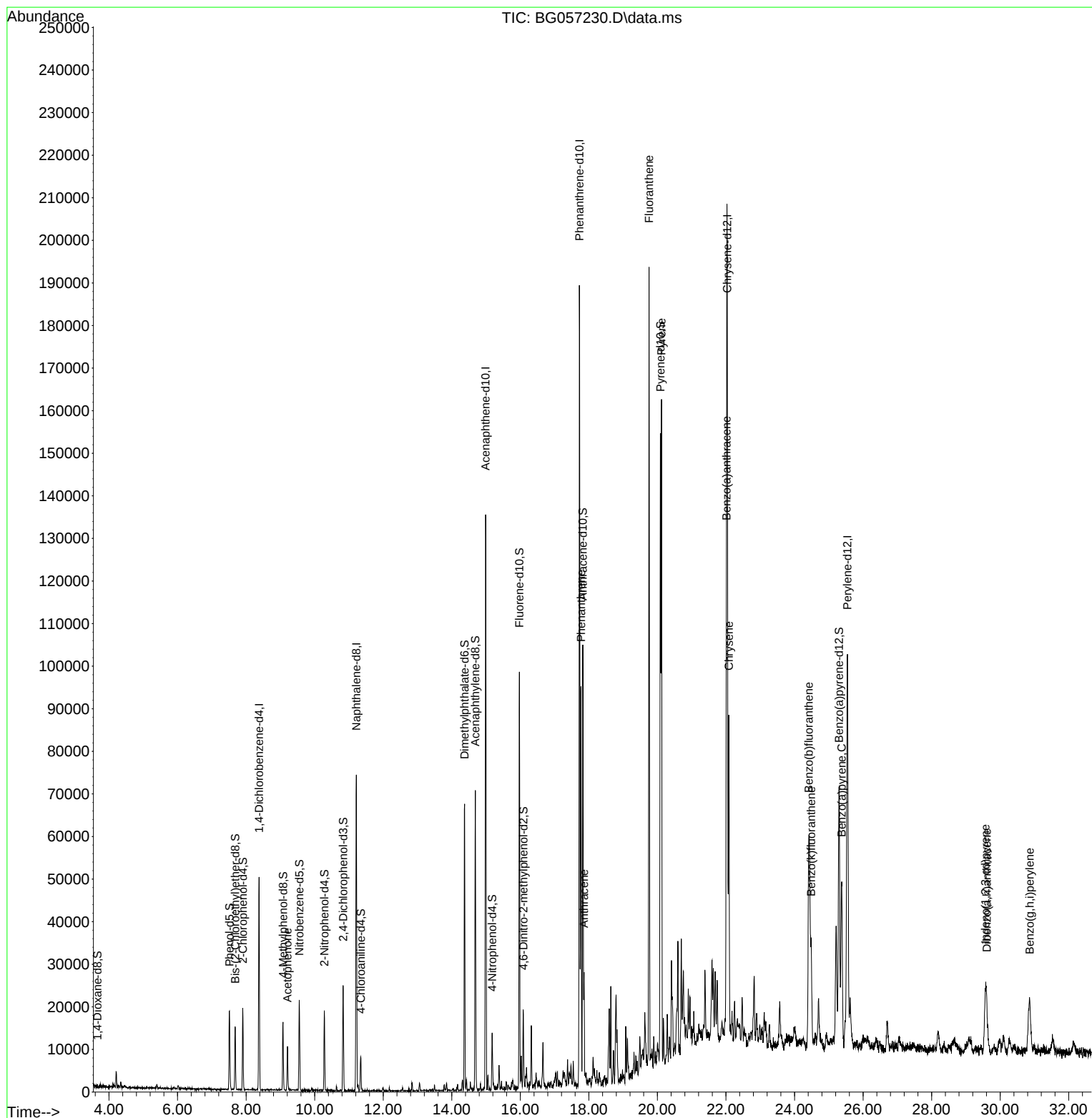
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057230.D
Acq On : 28 Apr 2023 23:36
Operator : CG/JU
Sample : 02417-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

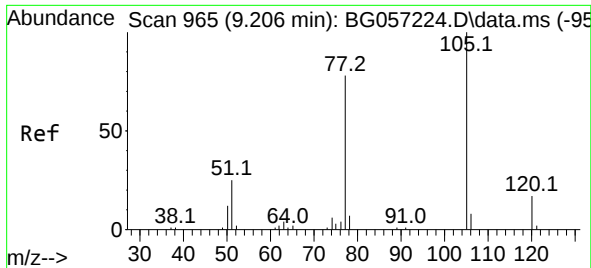
Instrument :
BNA_G
ClientSampleId :
EW8W9

Quant Time: Apr 29 01:41:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration

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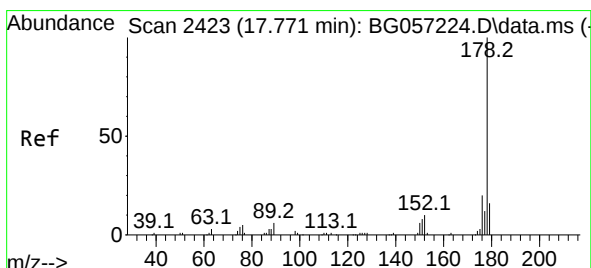
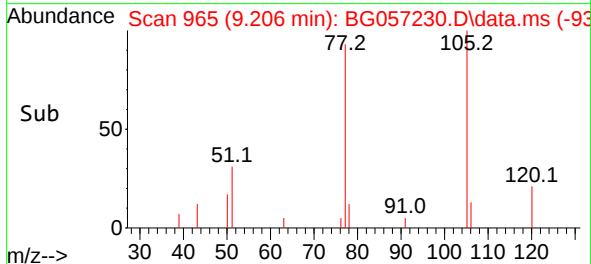
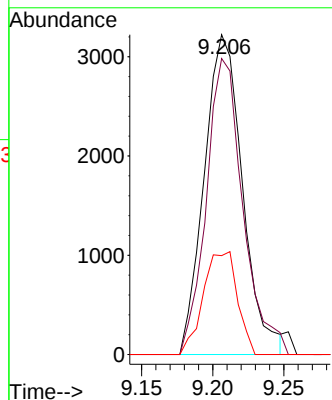
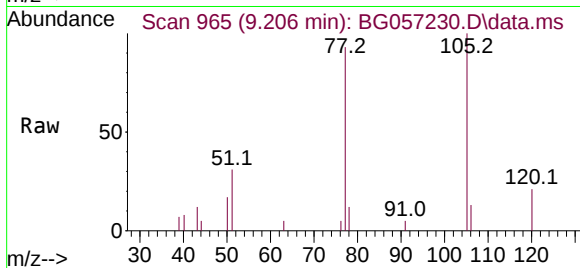
#16
Acetophenone
Concen: 3.465 ng/ul
RT: 9.206 min Scan# 965
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

Instrument :
BNA_G
ClientSampleId :
EW8W9

Tgt Ion:	105	Resp:	603
Ion Ratio	Lower	Upper	
105	100		
77	92.5	70.6	105.8
51	30.9	24.5	36.7

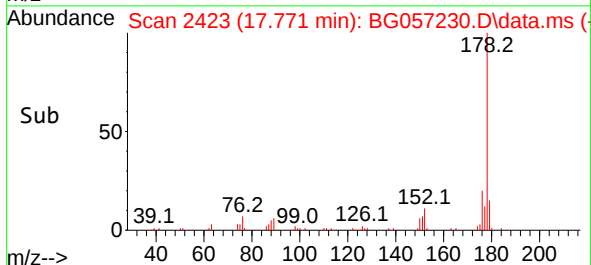
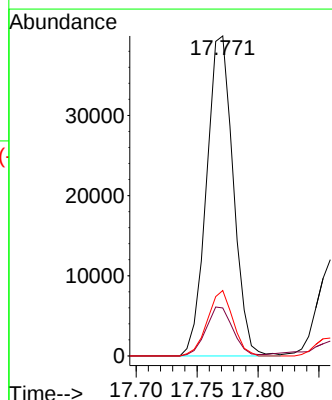
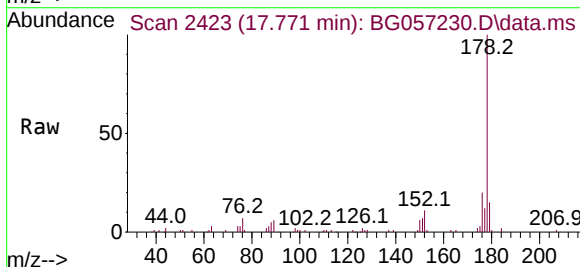
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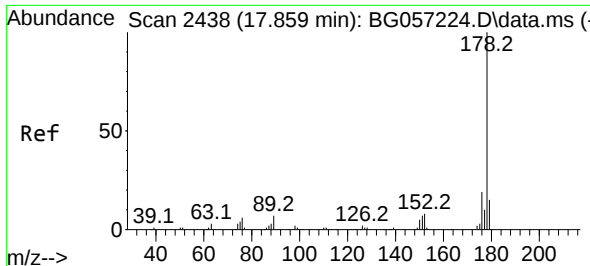
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#72
Phenanthrene
Concen: 9.659 ng/ul
RT: 17.771 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

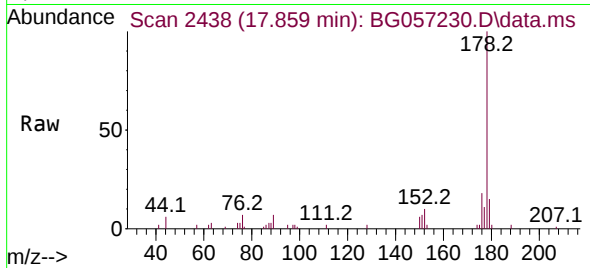
Tgt Ion:	178	Resp:	60874
Ion Ratio	Lower	Upper	
178	100		
179	15.0	11.8	17.8
176	20.4	15.4	23.0





#74
 Anthracene
 Concen: 2.799 ng/ul
 RT: 17.859 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: BG057230.D
 Acq: 28 Apr 2023 23:36

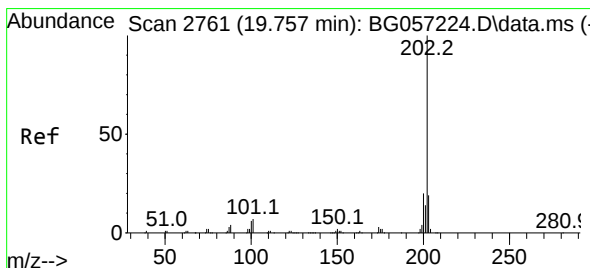
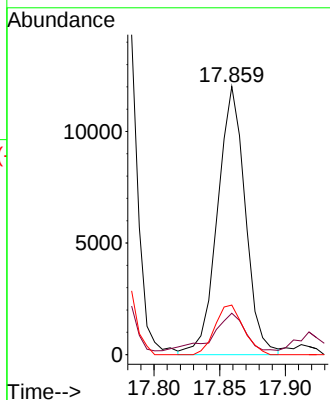
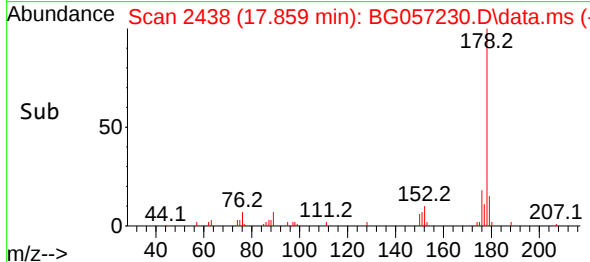
Instrument :
 BNA_G
 ClientSampleId :
 EW8W9



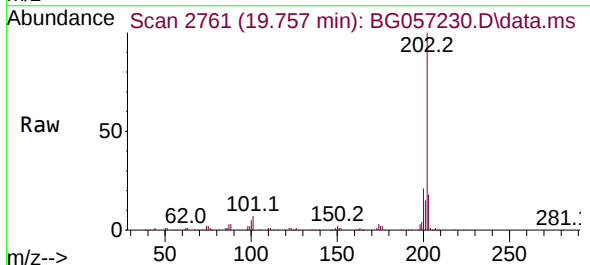
Tgt Ion:178 Resp: 17722
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 18.5 14.7 22.1

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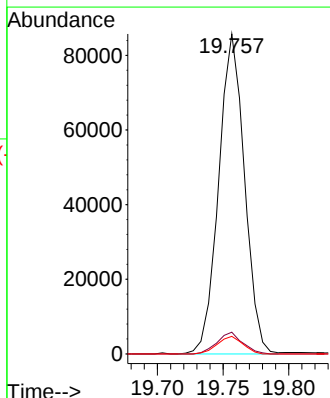
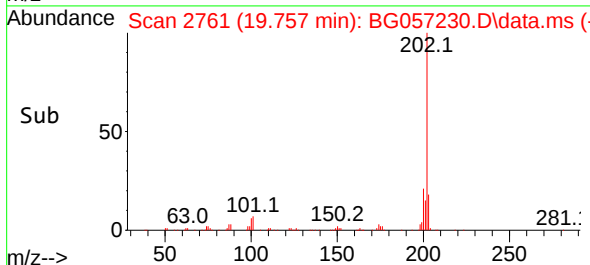
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

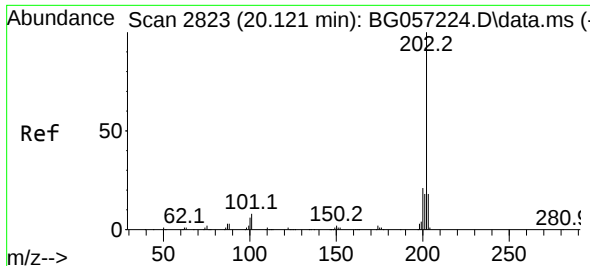


#80
 Fluoranthene
 Concen: 15.137 ng/ul
 RT: 19.757 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BG057230.D
 Acq: 28 Apr 2023 23:36



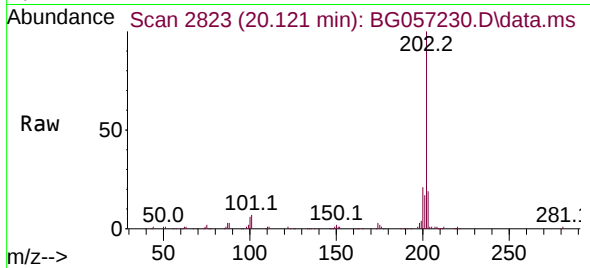
Tgt Ion:202 Resp: 117430
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.8 8.6
 100 5.5 4.6 7.0





#82
Pyrene
Concen: 13.492 ng/ul
RT: 20.121 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

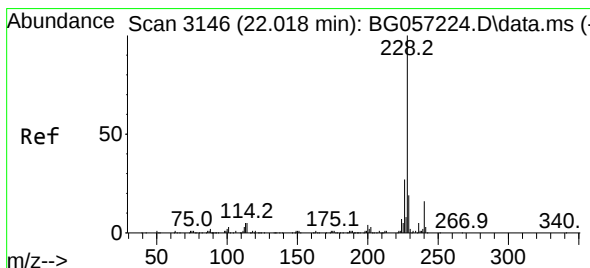
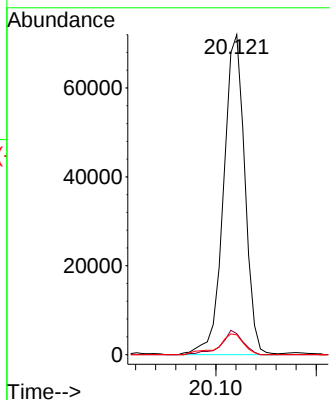
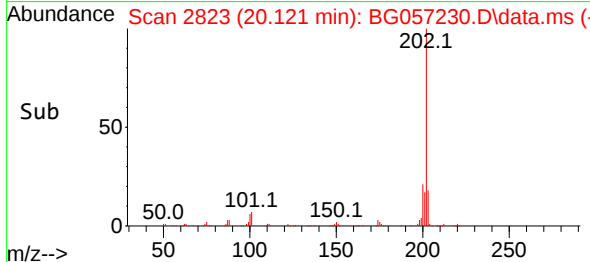
Instrument :
BNA_G
ClientSampleId :
EW8W9



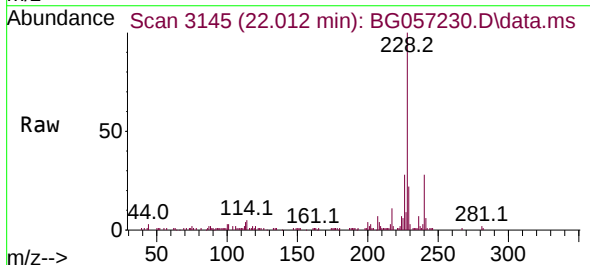
Tgt Ion:202 Resp: 105959
Ion Ratio Lower Upper
202 100
101 6.6 5.7 8.5
100 6.2 6.0 9.0

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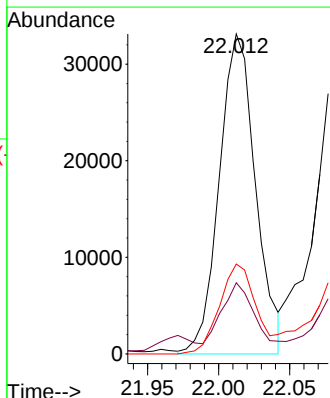
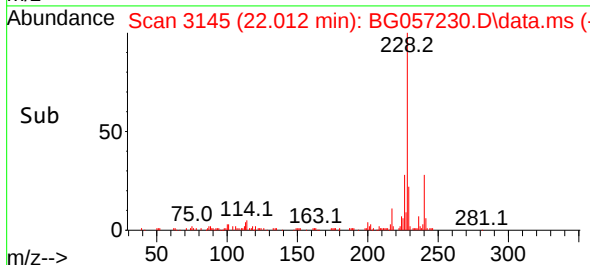
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

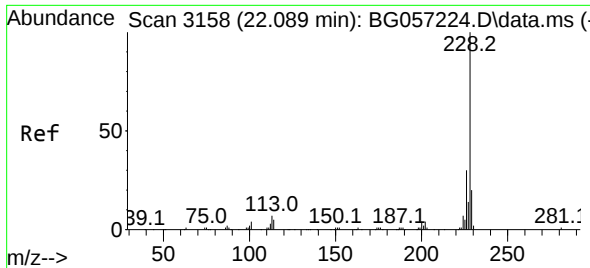


#85
Benzo(a)anthracene
Concen: 7.555 ng/ul
RT: 22.012 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36



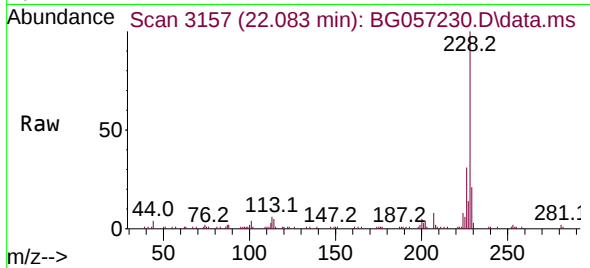
Tgt Ion:228 Resp: 58789
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 28.1 21.7 32.5





#87
Chrysene
Concen: 7.982 ng/ul
RT: 22.083 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

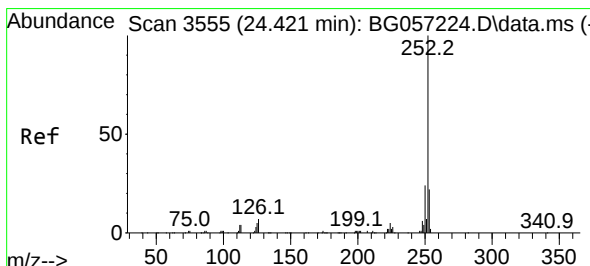
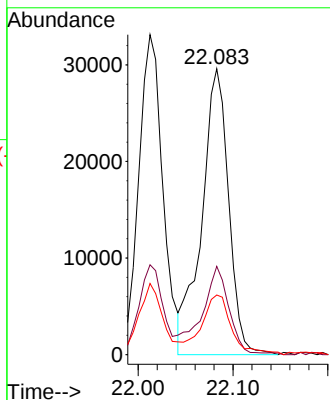
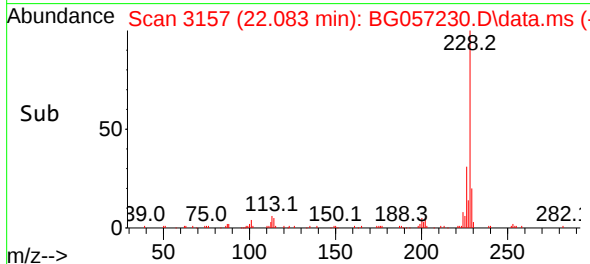
Instrument :
BNA_G
ClientSampleId :
EW8W9



Tgt Ion:228 Resp: 58597
Ion Ratio Lower Upper
228 100
226 30.9 22.8 34.2
229 20.9 15.5 23.3

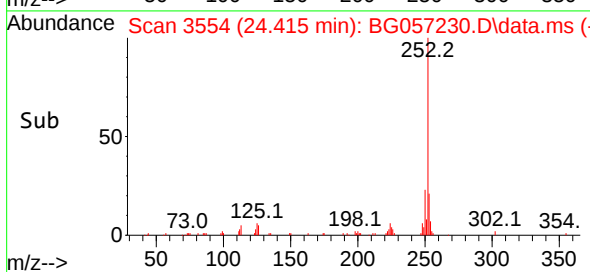
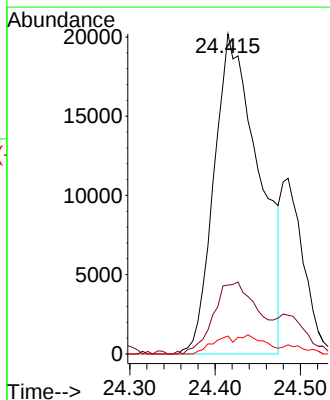
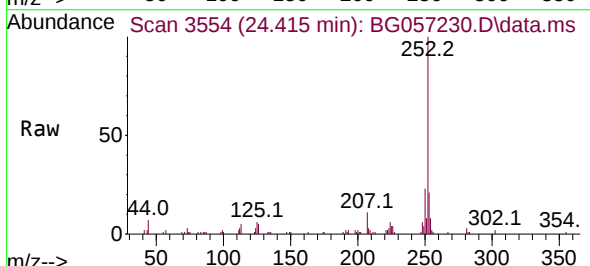
Manual Integrations
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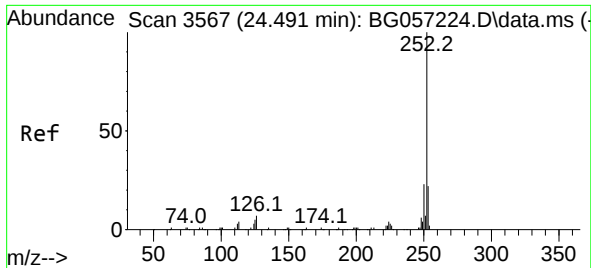
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#90
Benzo(b)fluoranthene
Concen: 9.254 ng/ul
RT: 24.415 min Scan# 3554
Delta R.T. -0.006 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

Tgt Ion:252 Resp: 74015
Ion Ratio Lower Upper
252 100
253 21.5 16.7 25.1
125 5.6 4.8 7.2





#91

Benzo(k)fluoranthene

Concen: 2.565 ng/ul

RT: 24.486 min Scan# 3566

Delta R.T. -0.006 min

Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

Instrument :

BNA_G

ClientSampleId :

EW8W9

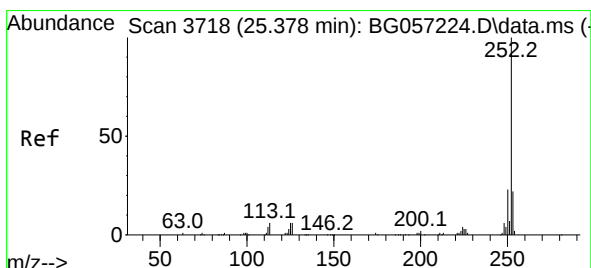
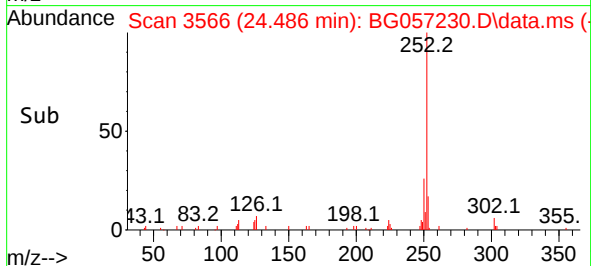
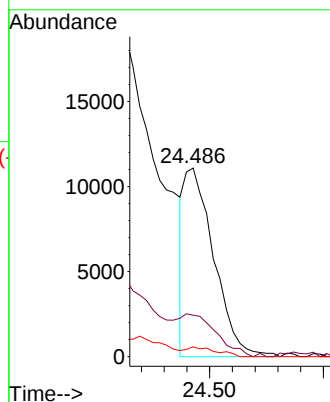
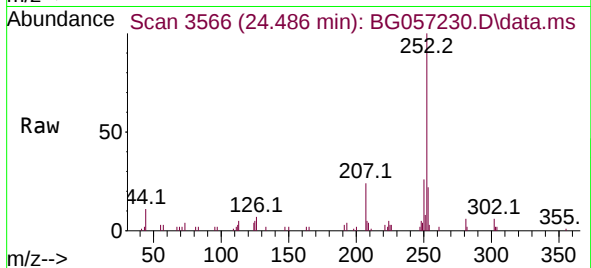
Tgt Ion:	252	Resp:	19956
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	5.1	4.5	6.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/01/2023



#93

Benzo(a)pyrene

Concen: 7.207 ng/ul

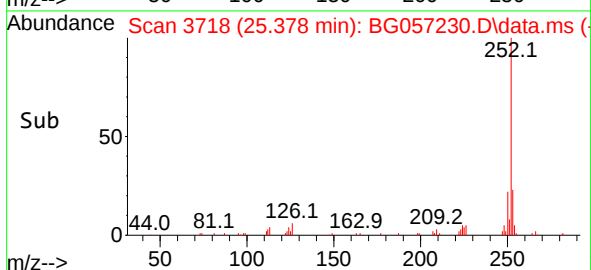
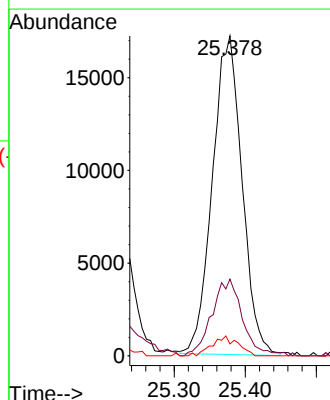
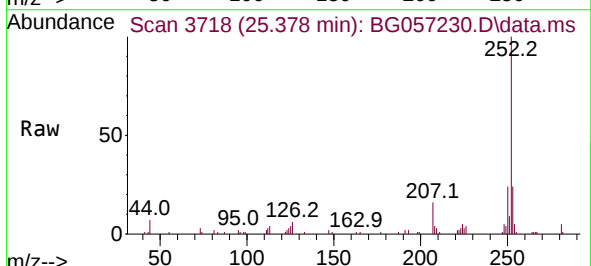
RT: 25.378 min Scan# 3718

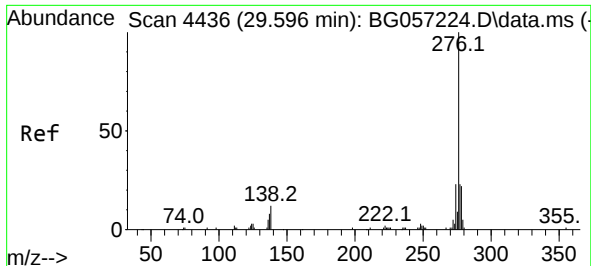
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Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

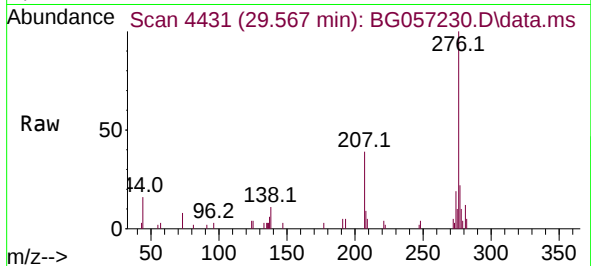
Tgt Ion:	252	Resp:	49762
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	3.7	5.1	7.7#





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.881 ng/ul m
RT: 29.567 min Scan# 4436
Delta R.T. -0.023 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

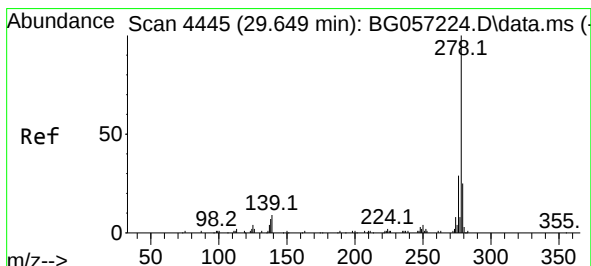
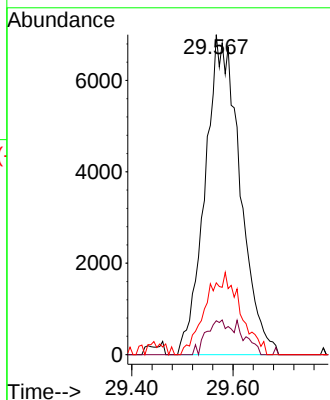
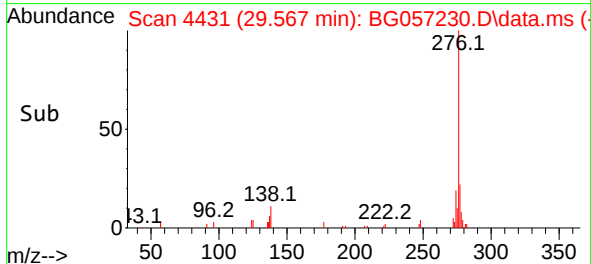
Instrument :
BNA_G
ClientSampleId :
EW8W9



Tgt Ion:276 Resp: 3349
Ion Ratio Lower Upper
276 100
138 10.6 9.4 14.2
277 22.4 18.6 28.0

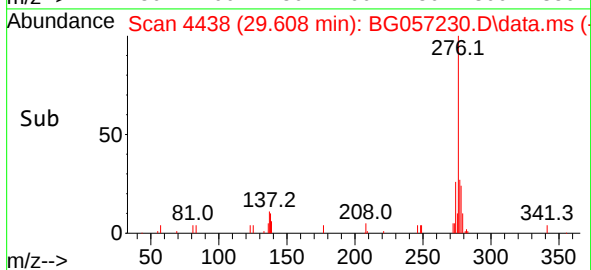
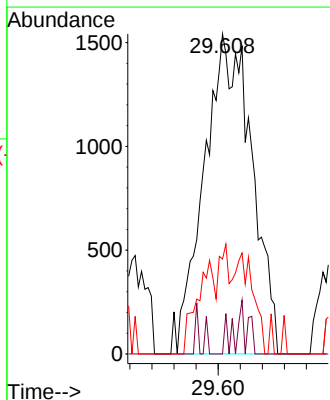
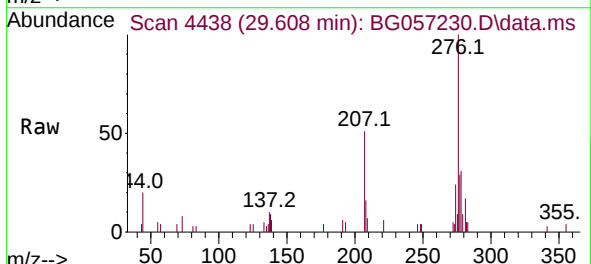
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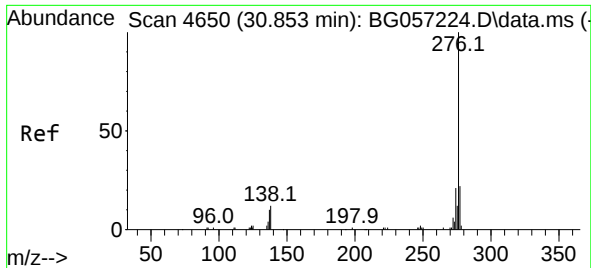
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#95
Dibenzo(a,h)anthracene
Concen: 1.289 ng/ul m
RT: 29.608 min Scan# 4438
Delta R.T. -0.053 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

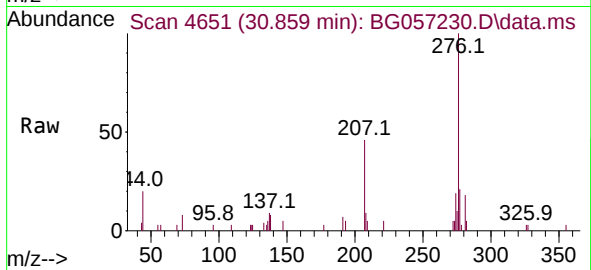
Tgt Ion:278 Resp: 9224
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.6#
279 29.6 18.3 27.5#





#96
 Benzo(g,h,i)perylene
 Concen: 4.295 ng/ul
 RT: 30.859 min Scan# 4651
 Delta R.T. 0.000 min
 Lab File: BG057230.D
 Acq: 28 Apr 2023 23:36

Instrument :
 BNA_G
 ClientSampleId :
 EW8W9



Tgt Ion:276 Resp: 3000
 Ion Ratio Lower Upper
 276 100
 138 7.9 8.7 13.1
 277 21.0 18.4 27.6

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