

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057229.D
 Acq On : 28 Apr 2023 22:55
 Operator : CG/JU
 Sample : 02417-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W7

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:37:10 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	14008	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	59734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.986	164	48754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.724	188	116605	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	104945	20.000	ng/u1	0.00
88) Perylene-d12	25.543	264	107257	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	699	2.196	ng/uL	0.00
4) Pyridine-d5	4.119	84	1996m	1.989	ng/u1	0.02
7) Phenol-d5	7.514	99	21126	15.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	12727	16.334	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	15168	17.375	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	16430	16.318	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	8309	17.467	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	9604	17.299	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	18631	17.395	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	10208	7.191	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	71132	18.413	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	76830	17.695	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	8254	14.679	ng/u1	0.01
60) Fluorene-d10	15.973	176	64867	18.025	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	10898	15.774	ng/u1	0.00
73) Anthracene-d10	17.824	188	99088	18.617	ng/u1	0.00
81) Pyrene-d10	20.091	212	121336	19.479	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.302	264	109477	20.034	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.555	94	27651m	20.709	ng/u1	
16) Acetophenone	9.188	105	7642	4.411	ng/u1#	42
30) Naphthalene	11.268	128	16328	4.978	ng/u1	99
36) 2-Methylnaphthalene	12.842	142	6061	2.520	ng/u1	99
37) 1-Methylnaphthalene	13.060	142	3930	1.625	ng/u1#	91
72) Phenanthrene	17.771	178	21535	3.546	ng/u1#	95
80) Fluoranthene	19.757	202	47331	6.396	ng/u1	99
82) Pyrene	20.115	202	43791	5.846	ng/u1	100
85) Benzo(a)anthracene	22.012	228	24469	3.297	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.865	149	22240	6.374	ng/u1#	95
87) Chrysene	22.089	228	26058	3.721	ng/u1	94
90) Benzo(b)fluoranthene	24.421	252	40363m	5.434	ng/u1	
91) Benzo(k)fluoranthene	24.491	252	10310m	1.427	ng/u1	
93) Benzo(a)pyrene	25.378	252	25072	3.910	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	29.579	276	19064	2.378	ng/u1#	92
96) Benzo(g,h,i)perylene	30.859	276	15452m	2.382	ng/u1	

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

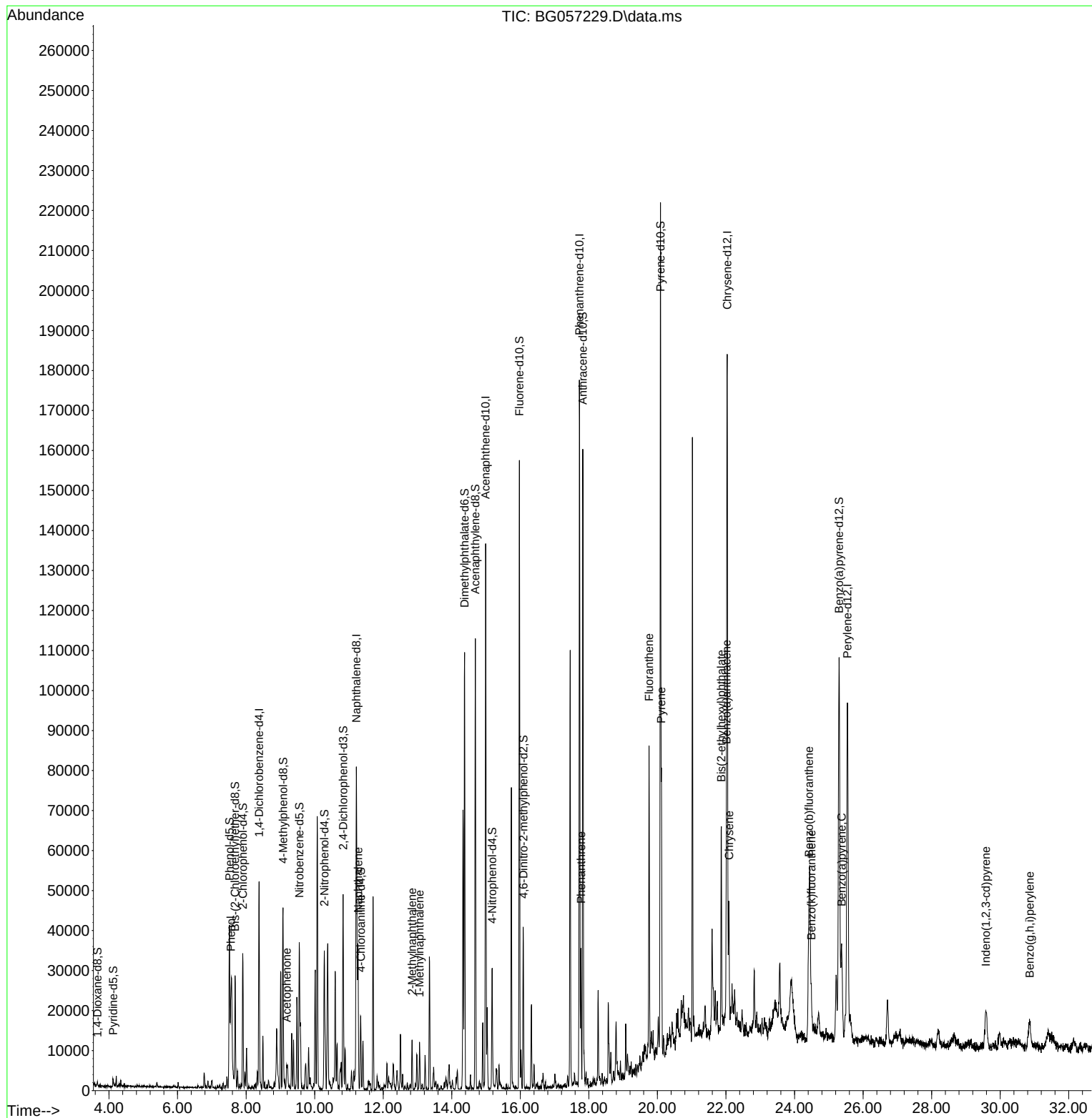
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057229.D
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ALS Vial : 19 Sample Multiplier: 1

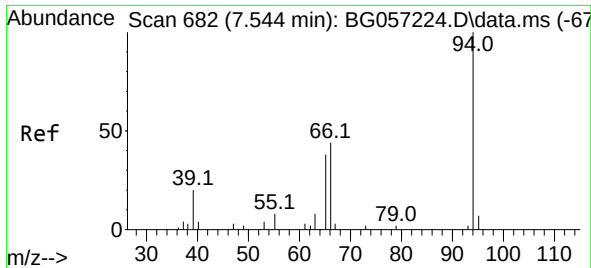
Instrument :
BNA_G
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Quant Time: Apr 29 01:37:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration

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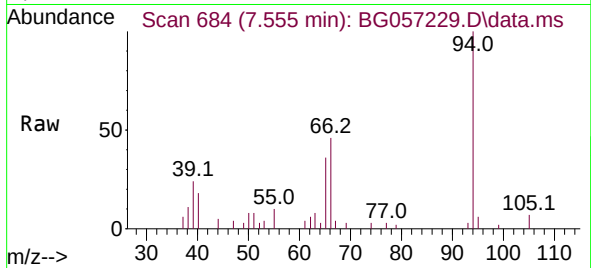
Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023





#8
Phenol
Concen: 20.709 ng/ul m
RT: 7.555 min Scan# 682
Delta R.T. 0.018 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

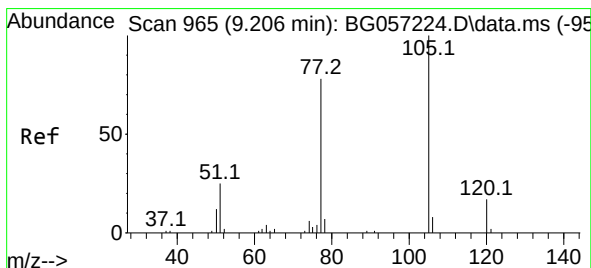
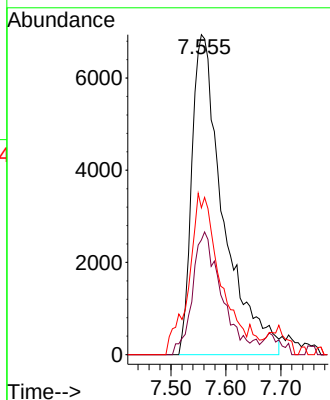
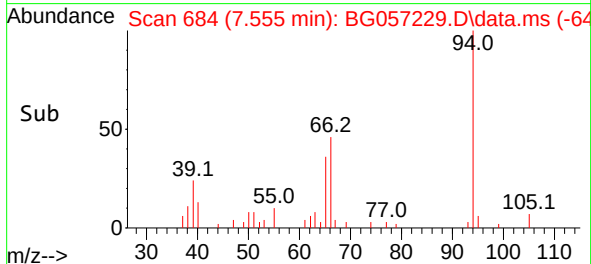
Instrument :
BNA_G
ClientSampleId :
EW8W7



Tgt Ion: 94 Resp: 2765
Ion Ratio Lower Upper
94 100
65 35.8 25.5 38.3
66 45.9 36.9 55.3

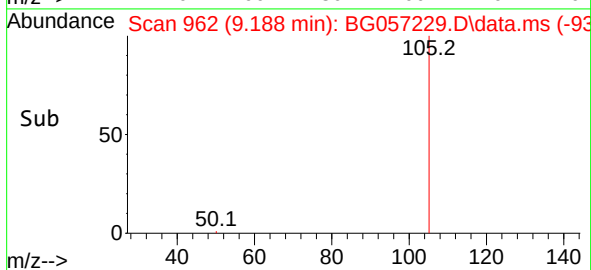
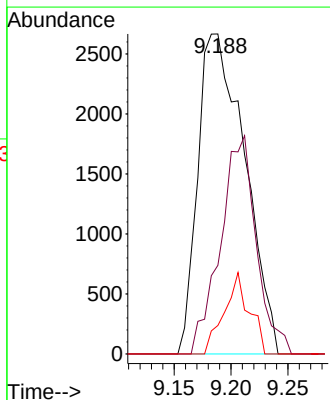
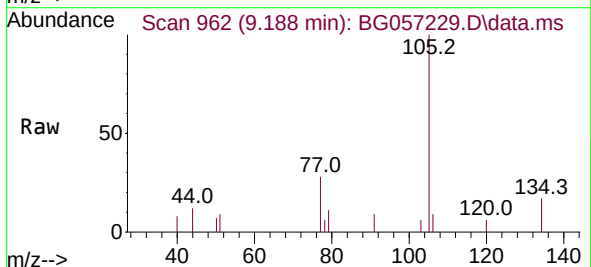
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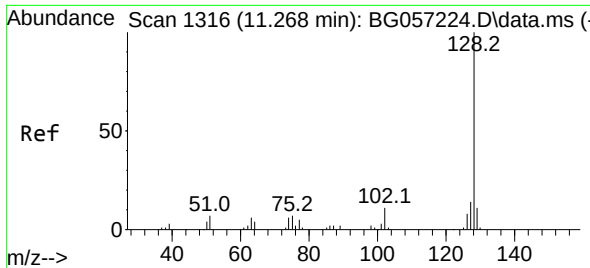
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Acetophenone
Concen: 4.411 ng/ul
RT: 9.188 min Scan# 962
Delta R.T. -0.018 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Tgt Ion:105 Resp: 7642
Ion Ratio Lower Upper
105 100
77 27.7 70.6 105.8#
51 8.9 24.5 36.7#





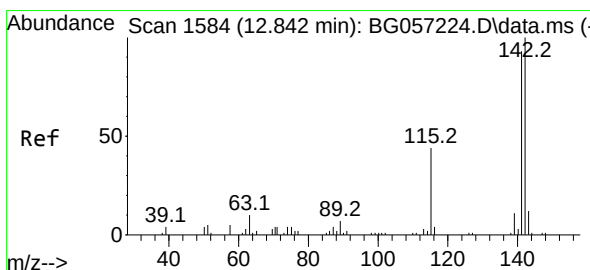
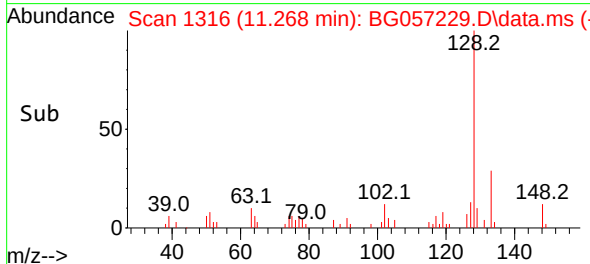
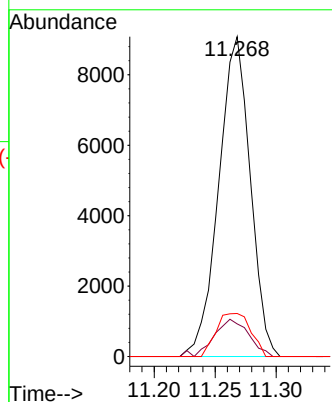
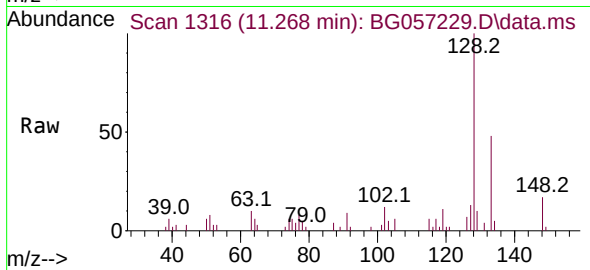
#30
Naphthalene
Concen: 4.978 ng/ul
RT: 11.268 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

Instrument :
BNA_G
ClientSampleId :
EW8W7

Tgt Ion:128 Resp: 16328
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.5 11.4 17.0

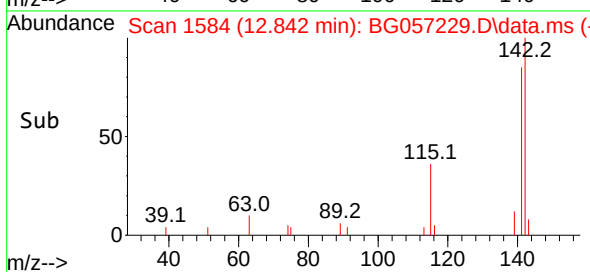
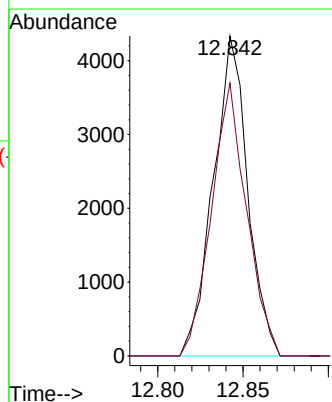
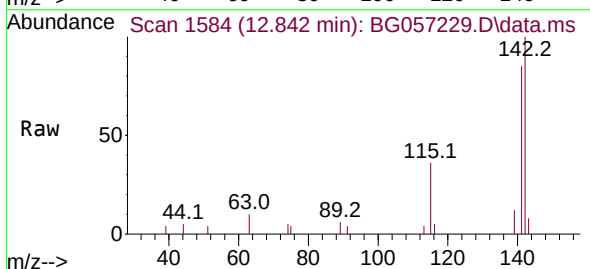
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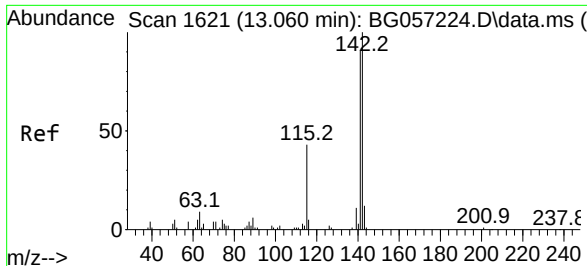
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#36
2-Methylnaphthalene
Concen: 2.520 ng/ul
RT: 12.842 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

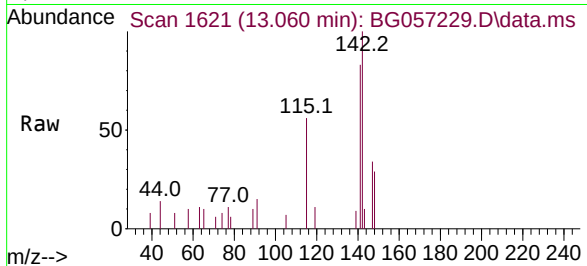
Tgt Ion:142 Resp: 6061
Ion Ratio Lower Upper
142 100
141 85.3 68.7 103.1





#37
1-Methylnaphthalene
Concen: 1.625 ng/ul
RT: 13.060 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

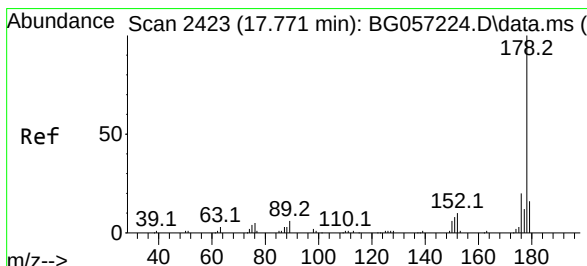
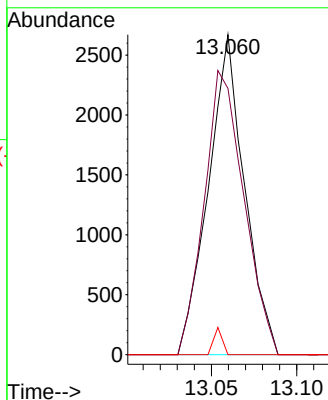
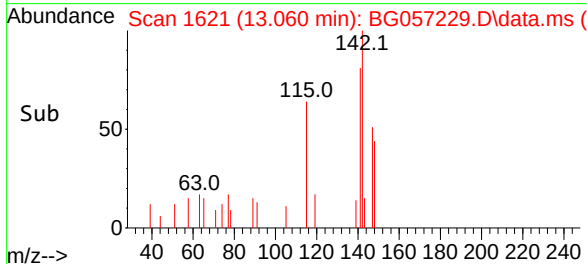
Instrument :
BNA_G
ClientSampleId :
EW8W7



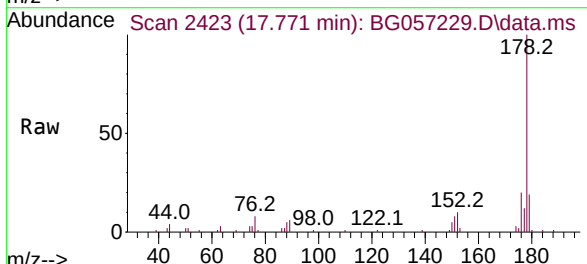
Tgt Ion:142 Resp: 3930
Ion Ratio Lower Upper
142 100
141 83.2 72.9 109.3
116 0.0 3.2 4.8

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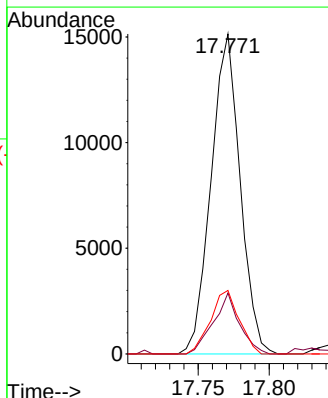
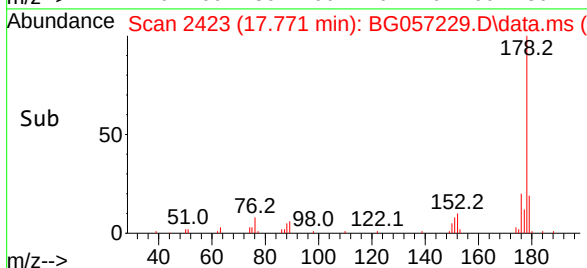
Reviewed By :Christian Giraldo 05/01/2023
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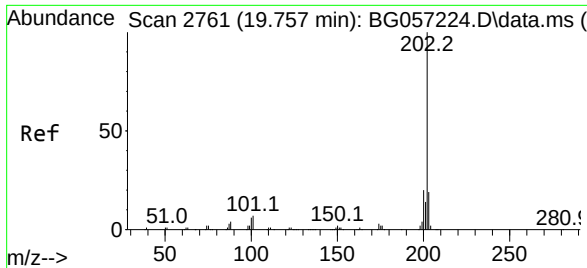


#72
Phenanthrene
Concen: 3.546 ng/ul
RT: 17.771 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55



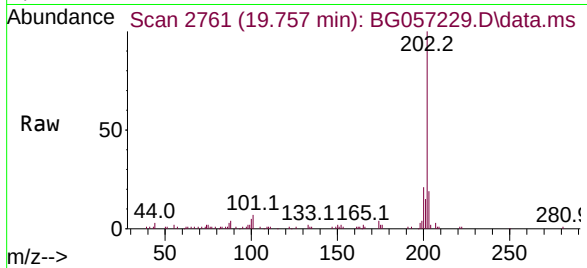
Tgt Ion:178 Resp: 21535
Ion Ratio Lower Upper
178 100
179 19.0 11.8 17.8#
176 19.8 15.4 23.0





#80
Fluoranthene
Concen: 6.396 ng/u1
RT: 19.757 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

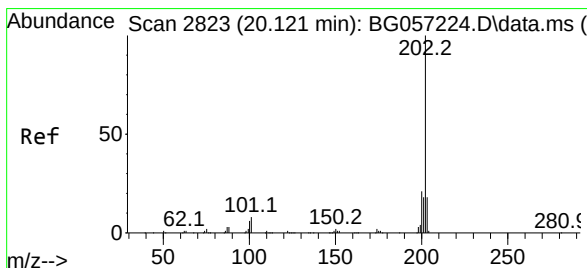
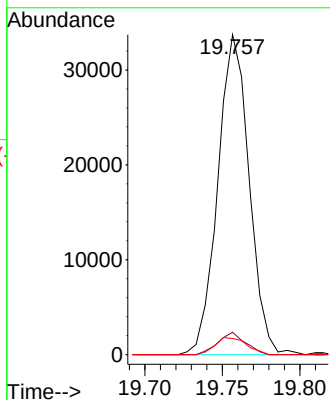
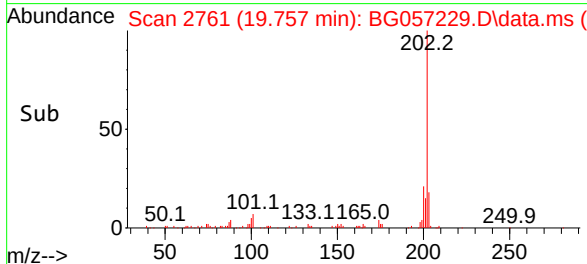
Instrument :
BNA_G
ClientSampleId :
EW8W7



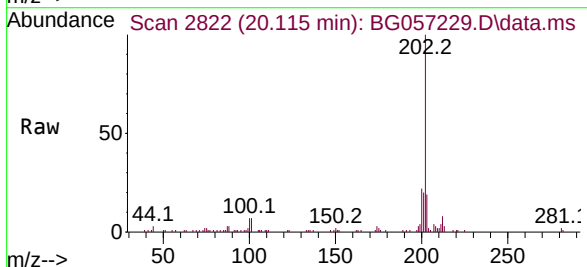
Tgt Ion:202 Resp: 47331
Ion Ratio Lower Upper
202 100
101 7.0 5.8 8.6
100 5.0 4.6 7.0

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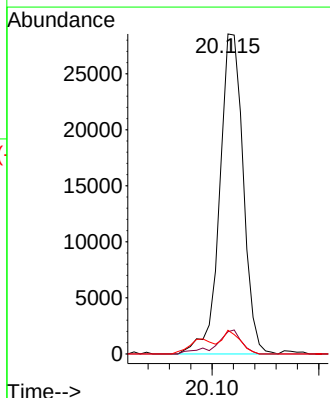
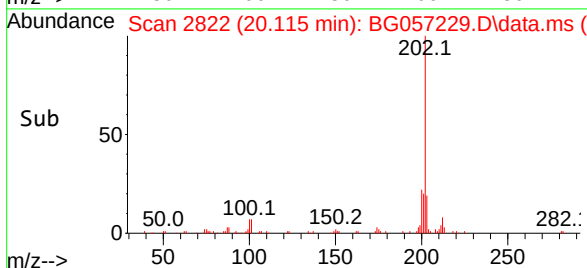
Reviewed By :Christian Giraldo 05/01/2023
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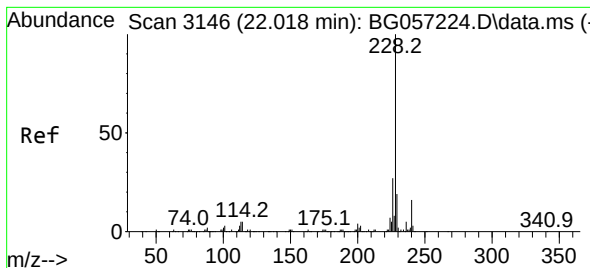


#82
Pyrene
Concen: 5.846 ng/u1
RT: 20.115 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55



Tgt Ion:202 Resp: 43791
Ion Ratio Lower Upper
202 100
101 6.9 5.7 8.5
100 7.4 6.0 9.0





#85

Benzo(a)anthracene

Concen: 3.297 ng/ul

RT: 22.012 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG057229.D

Acq: 28 Apr 2023 22:55

Instrument :

BNA_G

ClientSampleId :

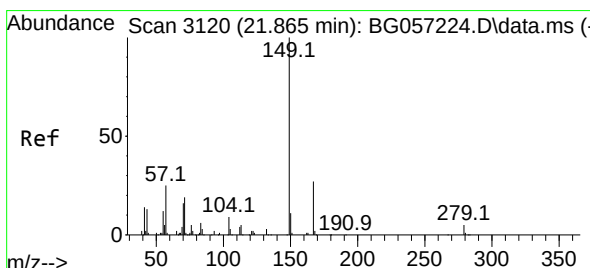
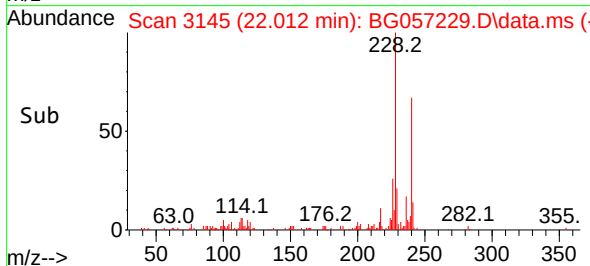
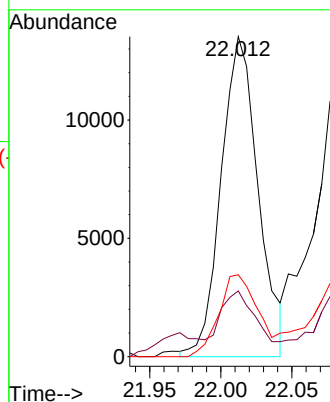
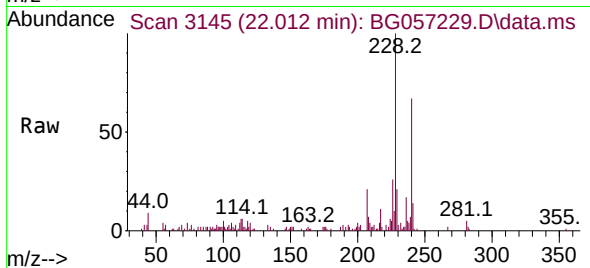
EW8W7

Tgt Ion:	228	Resp:	24469
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.8	23.6
226	25.6	21.7	32.5

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 6.374 ng/ul

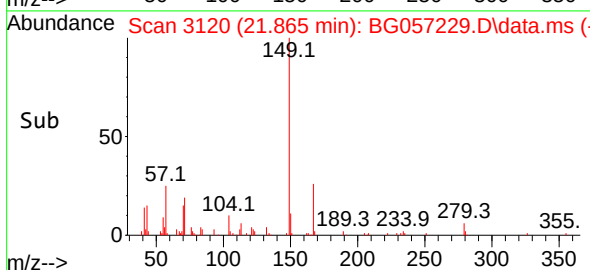
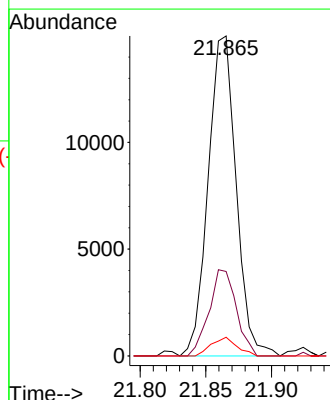
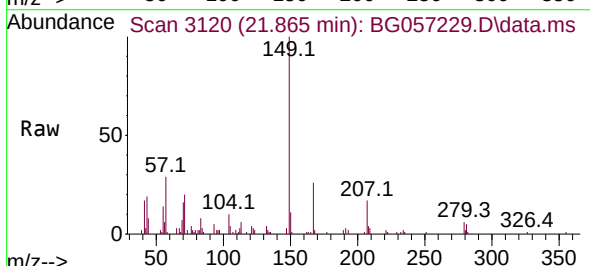
RT: 21.865 min Scan# 3120

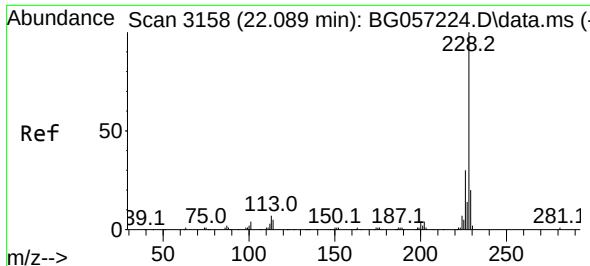
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Lab File: BG057229.D

Acq: 28 Apr 2023 22:55

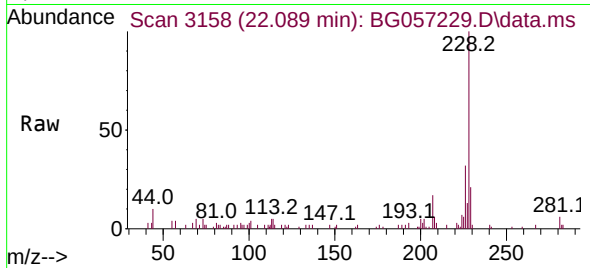
Tgt Ion:	149	Resp:	22240
Ion Ratio	Lower	Upper	
149	100		
167	26.4	23.0	34.6
279	5.8	3.6	5.4





#87
Chrysene
Concen: 3.721 ng/ul
RT: 22.089 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

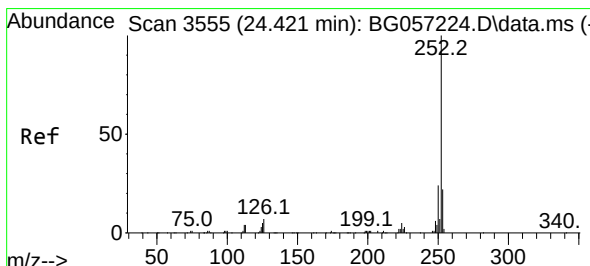
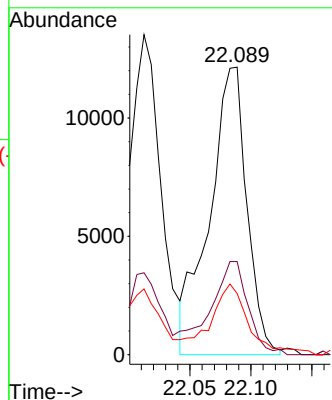
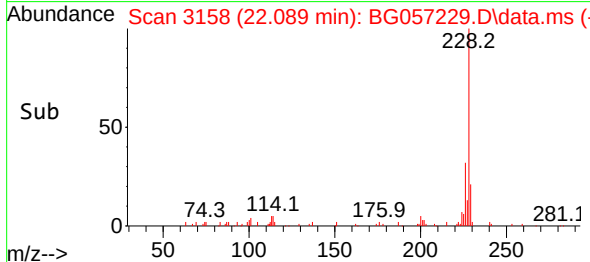
Instrument :
BNA_G
ClientSampleId :
EW8W7



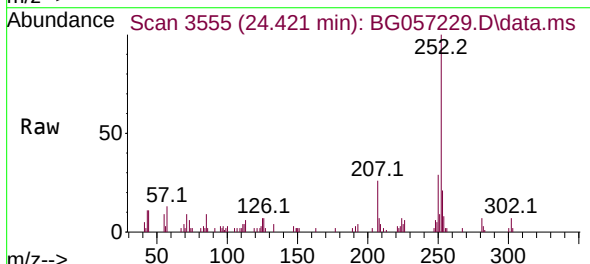
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.8	34.2
229	21.2	15.5	23.3

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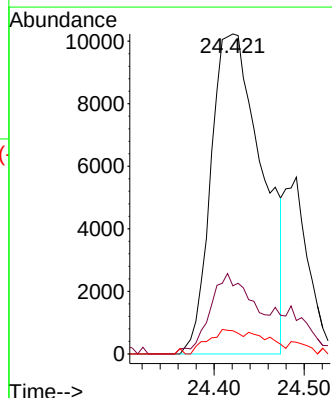
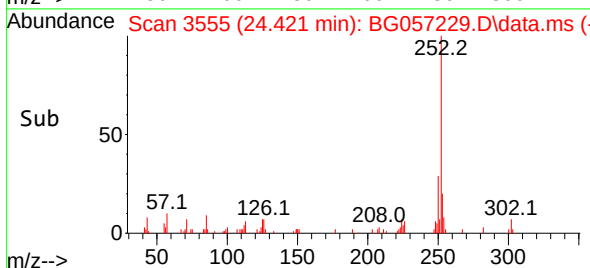
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

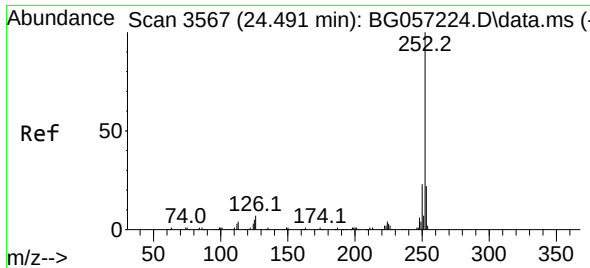


#90
Benzo(b)fluoranthene
Concen: 5.434 ng/ul m
RT: 24.421 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55



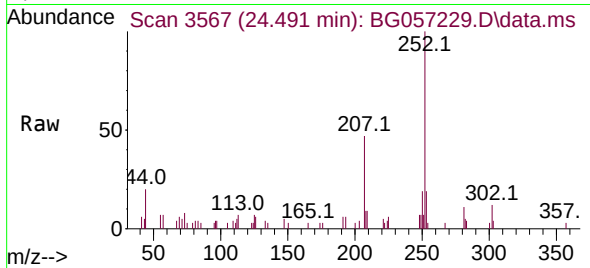
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.7	25.1
125	7.2	4.8	7.2#





#91
Benzo(k)fluoranthene
Concen: 1.427 ng/ul m
RT: 24.491 min Scan# 3567
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55

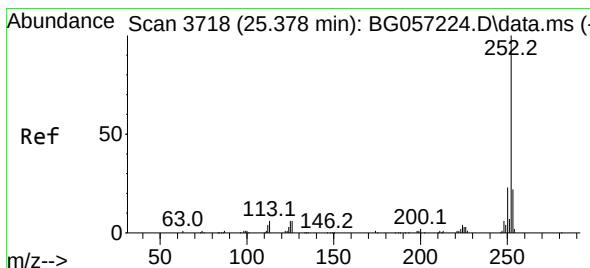
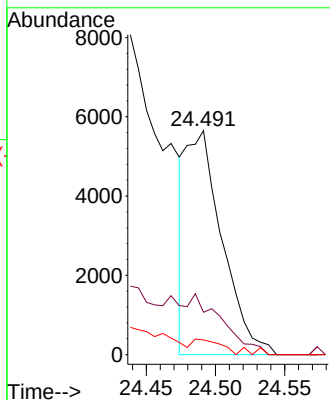
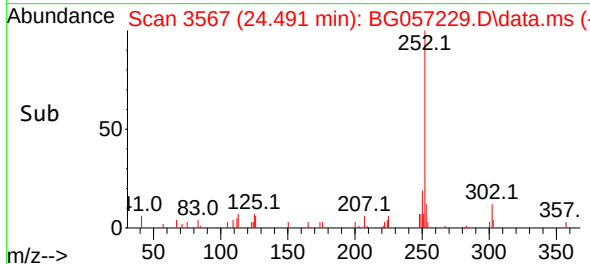
Instrument :
BNA_G
ClientSampleId :
EW8W7



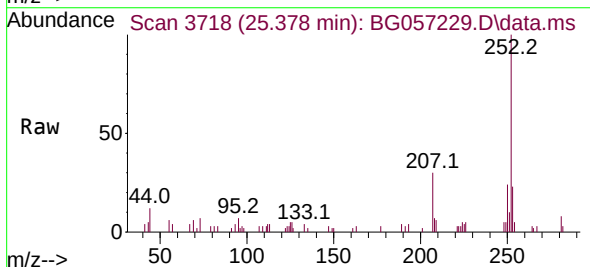
Tgt Ion:252 Resp: 10310
Ion Ratio Lower Upper
252 100
253 18.9 17.7 26.5
125 6.5 4.5 6.7

Manual Integrations
APPROVED

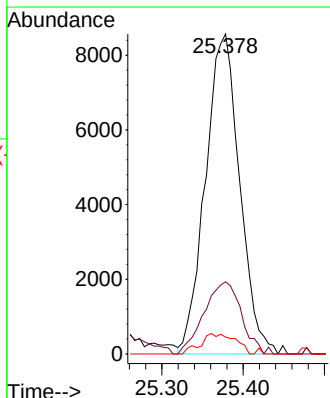
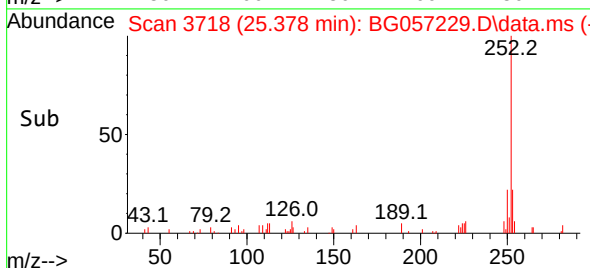
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

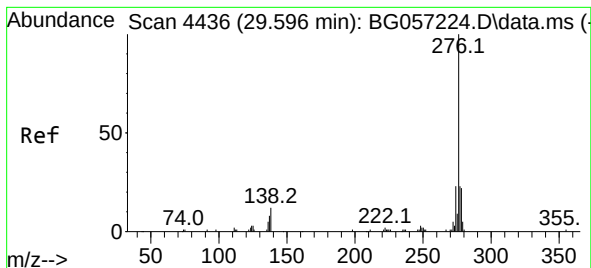


#93
Benzo(a)pyrene
Concen: 3.910 ng/ul
RT: 25.378 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BG057229.D
Acq: 28 Apr 2023 22:55



Tgt Ion:252 Resp: 25072
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 5.2 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.378 ng/ul

RT: 29.579 min Scan# 4433

Delta R.T. -0.012 min

Lab File: BG057229.D

Acq: 28 Apr 2023 22:55

Instrument :

BNA_G

ClientSampleId :

EW8W7

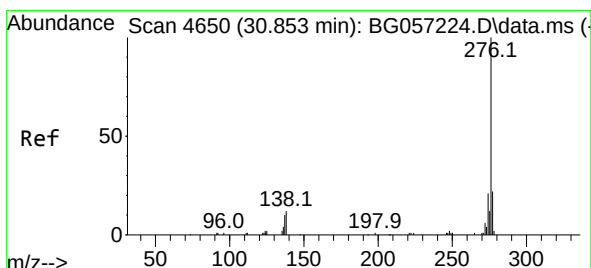
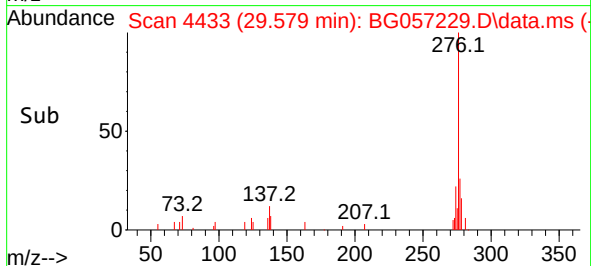
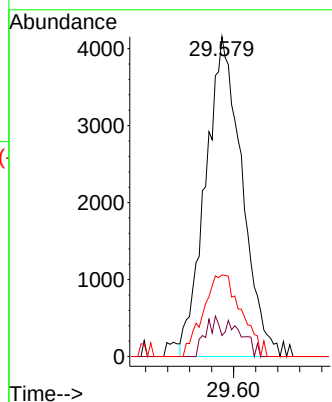
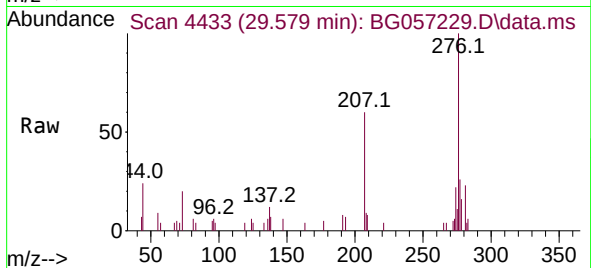
Tgt Ion:	276	Resp:	19064
Ion Ratio	Lower	Upper	
276	100		
138	6.6	9.4	14.2
277	25.5	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#96

Benzo(g,h,i)perylene

Concen: 2.382 ng/ul m

RT: 30.859 min Scan# 4651

Delta R.T. 0.000 min

Lab File: BG057229.D

Acq: 28 Apr 2023 22:55

Tgt Ion:	276	Resp:	15452
Ion Ratio	Lower	Upper	
276	100		
138	14.6	8.7	13.1
277	23.9	18.4	27.6

