

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057232.D
 Acq On : 29 Apr 2023 00:59
 Operator : CG/JU
 Sample : 02417-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8X3

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:50:56 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	8.381	152	14502	20.000	ng/u1	0.00
20) Naphthalene-d8	11.213	136	62472	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.990	164	51383	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	120970	20.000	ng/u1	0.00
79) Chrysene-d12	22.033	240	107376	20.000	ng/u1	# 0.00
88) Perylene-d12	25.546	264	112873	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	647	1.963	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.518	99	18740	13.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	12959	16.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.905	132	14686	16.249	ng/u1	0.00
15) 4-Methylphenol-d8	9.074	113	8565	8.217	ng/u1	0.00
21) Nitrobenzene-d5	9.556	128	8268	16.619	ng/u1	0.00
24) 2-Nitrophenol-d4	10.284	143	10302	17.743	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.831	165	17915	15.993	ng/u1	0.00
31) 4-Chloroaniline-d4	11.342	131	15010	10.110	ng/u1	0.00
46) Dimethylphthalate-d6	14.373	166	73154	17.968	ng/u1	0.00
49) Acenaphthylene-d8	14.690	160	82264	17.977	ng/u1	0.00
54) 4-Nitrophenol-d4	15.172	143	7083	11.952	ng/u1	0.00
60) Fluorene-d10	15.971	176	66117	17.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.082	200	9479	13.225	ng/u1	0.00
73) Anthracene-d10	17.827	188	100678	18.233	ng/u1	0.00
81) Pyrene-d10	20.095	212	123822	19.428	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.305	264	111474	19.385	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.204	105	6007	3.349	ng/u1	95
69) Hexachlorobenzene	17.034	284	3714	2.439	ng/u1#	87
72) Phenanthrene	17.768	178	14723	2.337	ng/u1	97
80) Fluoranthene	19.760	202	41148	5.435	ng/u1#	95
82) Pyrene	20.118	202	36323	4.739	ng/u1	98
85) Benzo(a)anthracene	22.016	228	23739	3.126	ng/u1	96
87) Chrysene	22.086	228	24175m	3.374	ng/u1	
90) Benzo(b)fluoranthene	24.412	252	36343	4.650	ng/u1	99
91) Benzo(k)fluoranthene	24.489	252	10622	1.397	ng/u1	95
93) Benzo(a)pyrene	25.376	252	24133	3.576	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	29.588	276	18433m	2.185	ng/u1	
96) Benzo(g,h,i)perylene	30.851	276	16689m	2.445	ng/u1	

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

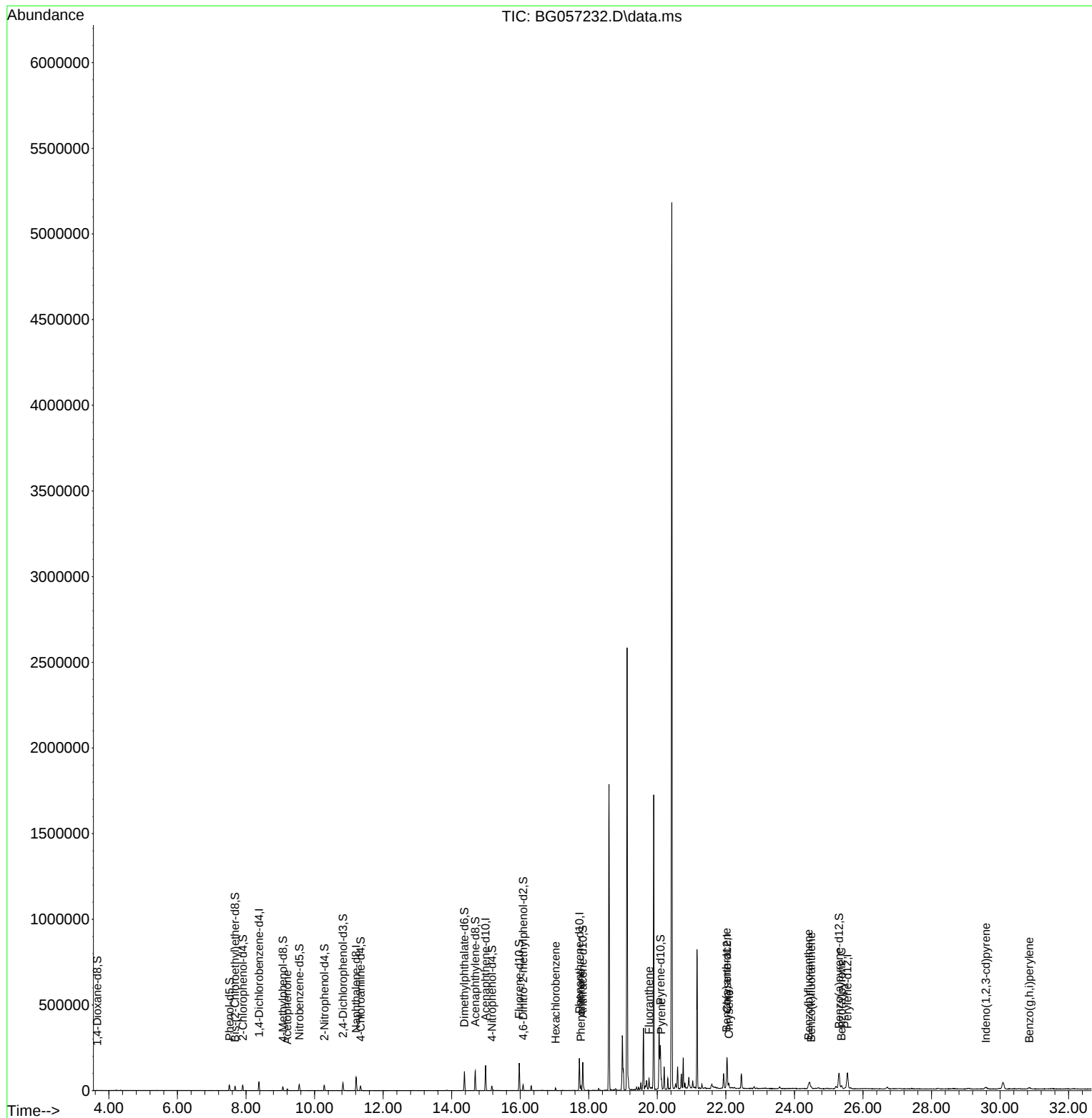
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057232.D
Acq On : 29 Apr 2023 00:59
Operator : CG/JU
Sample : 02417-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

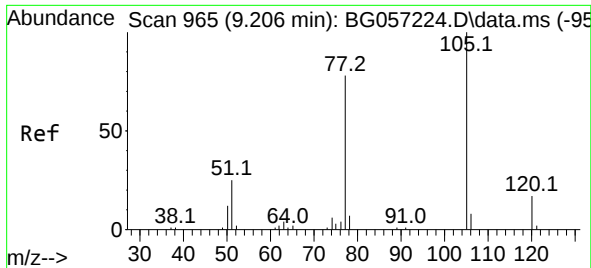
Instrument :
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ClientSampleId :
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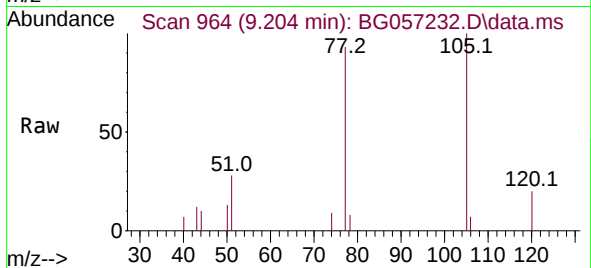
Quant Time: Apr 29 01:50:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.349 ng/ul
RT: 9.204 min Scan# 964
Delta R.T. -0.002 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59

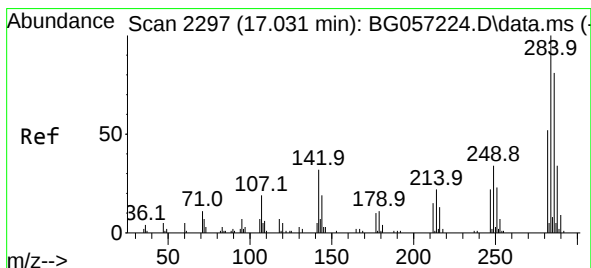
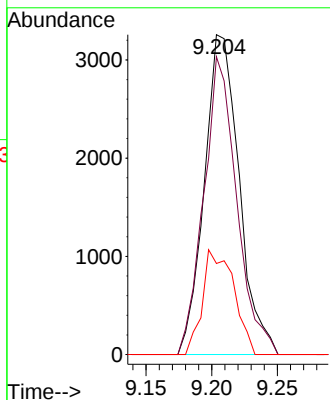
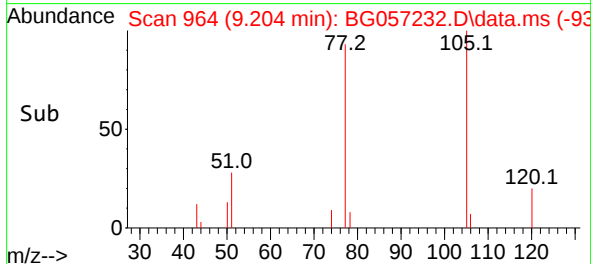
Instrument :
BNA_G
ClientSampleId :
EW8X3



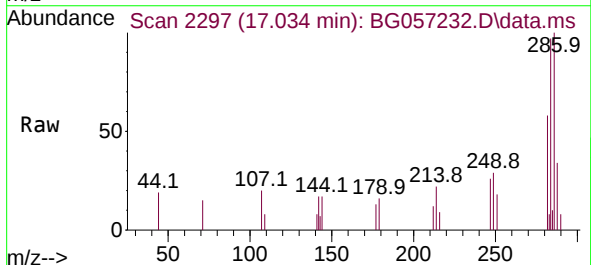
Tgt Ion:105 Resp: 600
Ion Ratio Lower Upper
105 100
77 93.1 70.6 105.8
51 28.5 24.5 36.7

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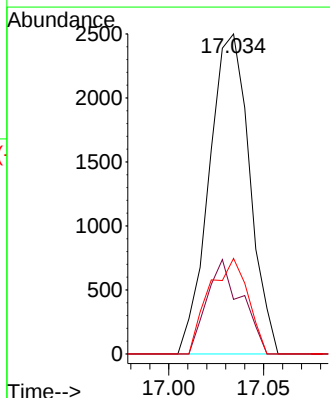
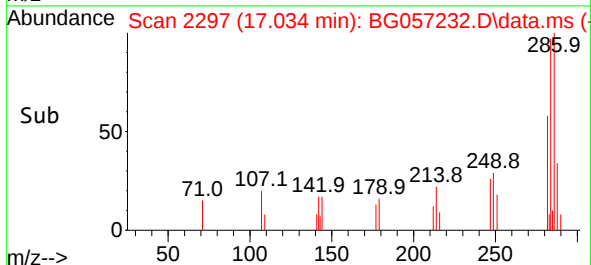
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

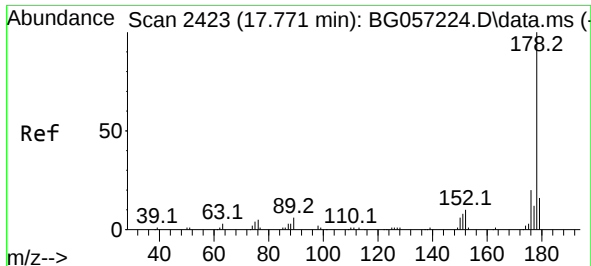


#69
Hexachlorobenzene
Concen: 2.439 ng/ul
RT: 17.034 min Scan# 2297
Delta R.T. -0.002 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59



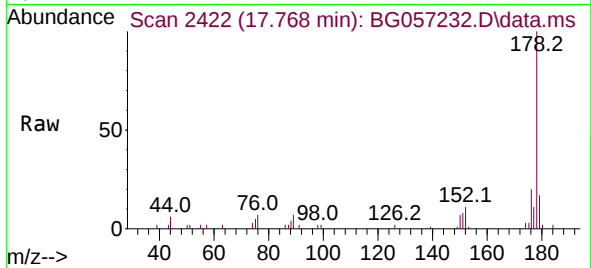
Tgt Ion:284 Resp: 3714
Ion Ratio Lower Upper
284 100
142 17.0 22.6 33.8#
249 29.8 26.2 39.2





#72
Phenanthrene
Concen: 2.337 ng/ul
RT: 17.768 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59

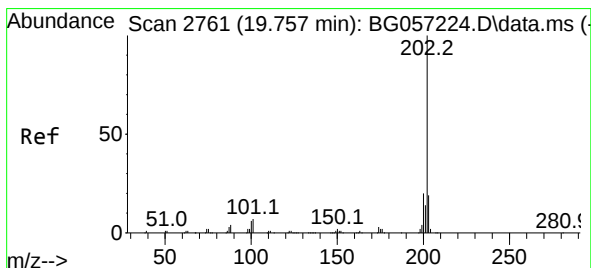
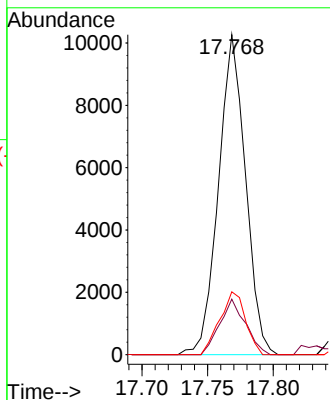
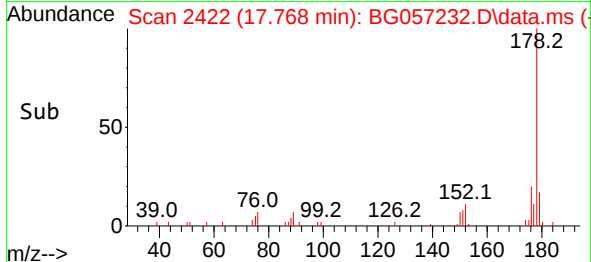
Instrument :
BNA_G
ClientSampleId :
EW8X3



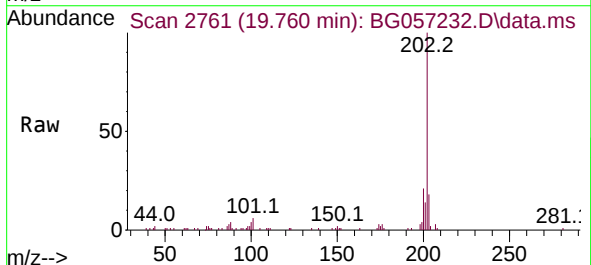
Tgt Ion:178 Resp: 14723
Ion Ratio Lower Upper
178 100
179 17.3 11.8 17.8
176 19.6 15.4 23.0

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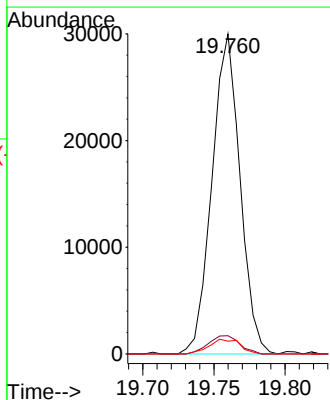
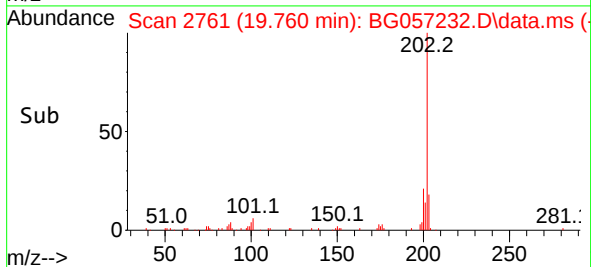
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

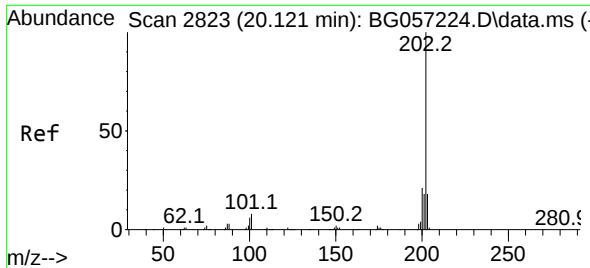


#80
Fluoranthene
Concen: 5.435 ng/ul
RT: 19.760 min Scan# 2761
Delta R.T. 0.003 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59



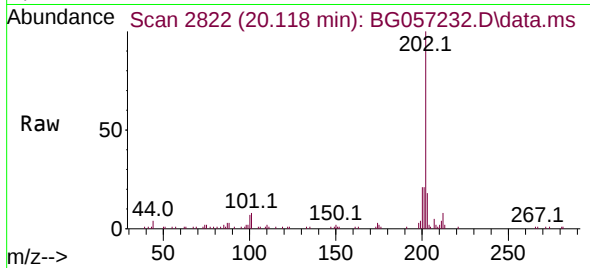
Tgt Ion:202 Resp: 41148
Ion Ratio Lower Upper
202 100
101 5.7 5.8 8.6#
100 4.0 4.6 7.0#





#82
 Pyrene
 Concen: 4.739 ng/ul
 RT: 20.118 min Scan# 2822
 Delta R.T. -0.002 min
 Lab File: BG057232.D
 Acq: 29 Apr 2023 00:59

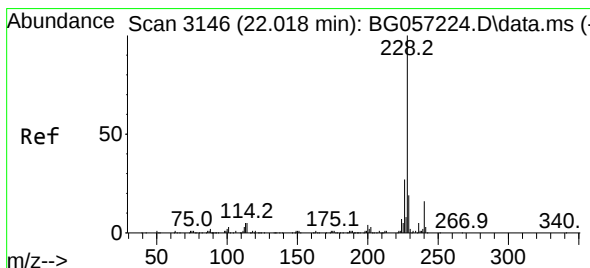
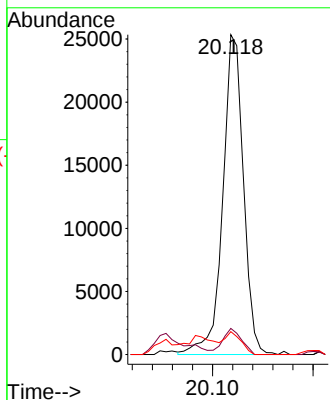
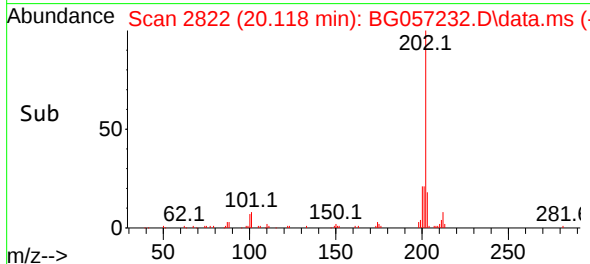
Instrument :
 BNA_G
 ClientSampleId :
 EW8X3



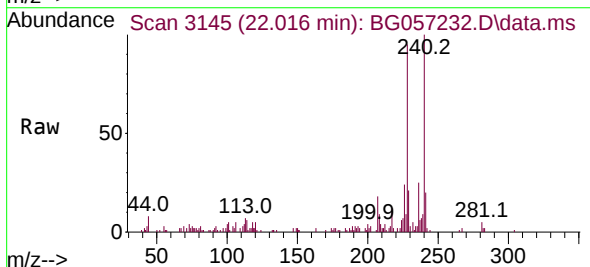
Tgt Ion:202 Resp: 36323
 Ion Ratio Lower Upper
 202 100
 101 8.2 5.7 8.5
 100 7.2 6.0 9.0

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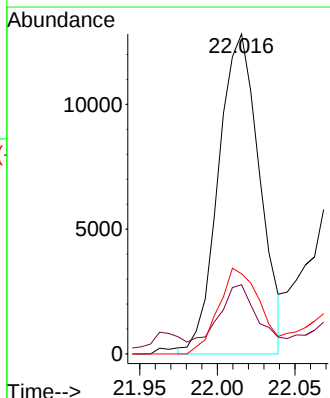
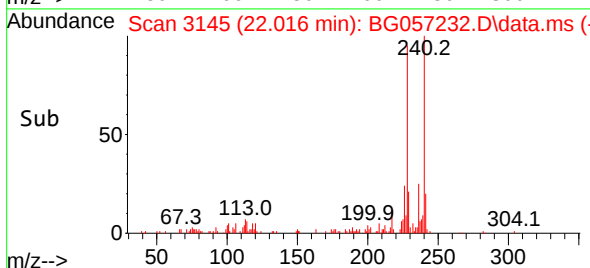
Reviewed By :Christian Giraldo 05/01/2023
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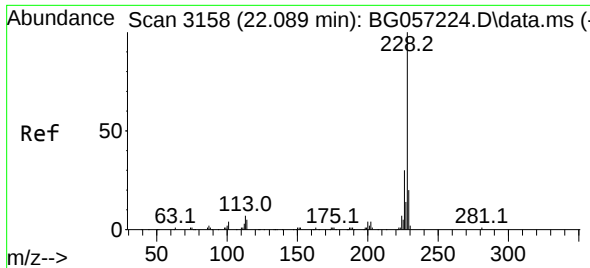


#85
 Benzo(a)anthracene
 Concen: 3.126 ng/ul
 RT: 22.016 min Scan# 3145
 Delta R.T. 0.003 min
 Lab File: BG057232.D
 Acq: 29 Apr 2023 00:59



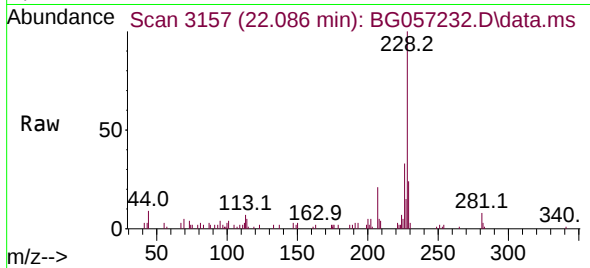
Tgt Ion:228 Resp: 23739
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.8 23.6
 226 25.0 21.7 32.5





#87
Chrysene
Concen: 3.374 ng/ul m
RT: 22.086 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59

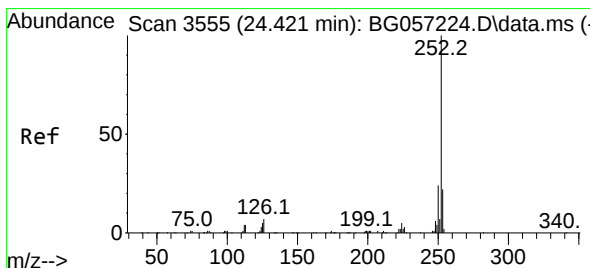
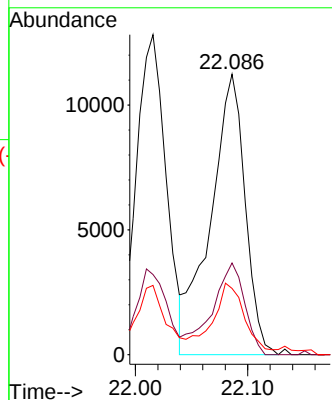
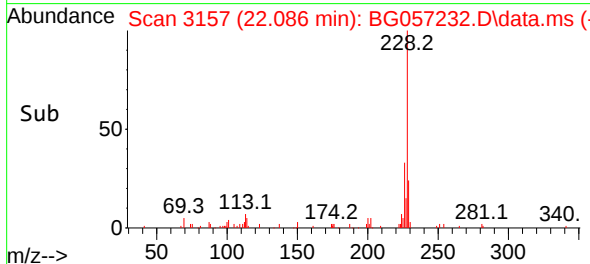
Instrument :
BNA_G
ClientSampleId :
EW8X3



Tgt Ion:228 Resp: 24175
Ion Ratio Lower Upper
228 100
226 32.7 22.8 34.2
229 23.6 15.5 23.3

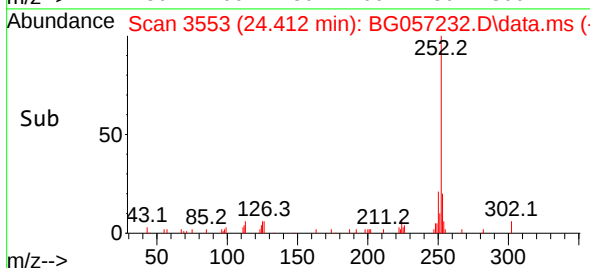
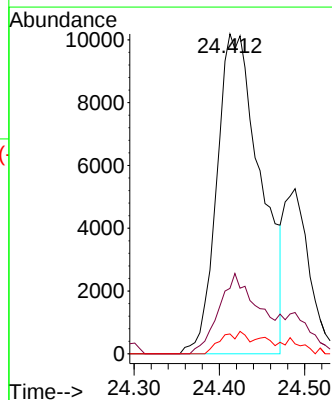
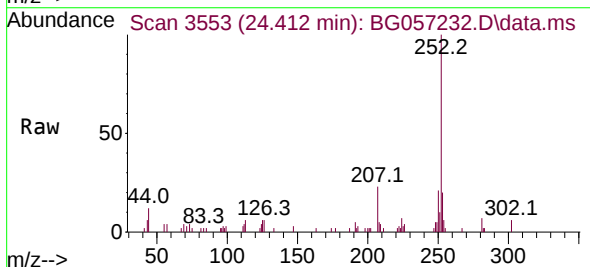
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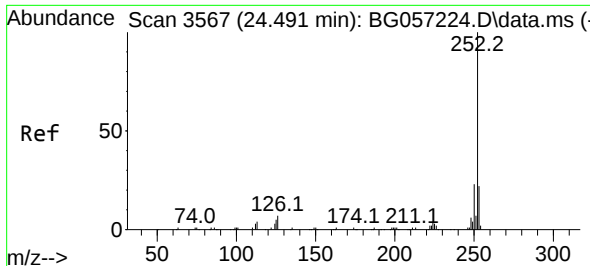
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#90
Benzo(b)fluoranthene
Concen: 4.650 ng/ul
RT: 24.412 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59

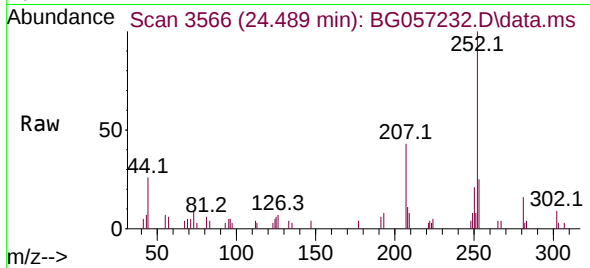
Tgt Ion:252 Resp: 36343
Ion Ratio Lower Upper
252 100
253 20.5 16.7 25.1
125 6.2 4.8 7.2





#91
Benzo(k)fluoranthene
Concen: 1.397 ng/ul
RT: 24.489 min Scan# 3566
Delta R.T. -0.002 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59

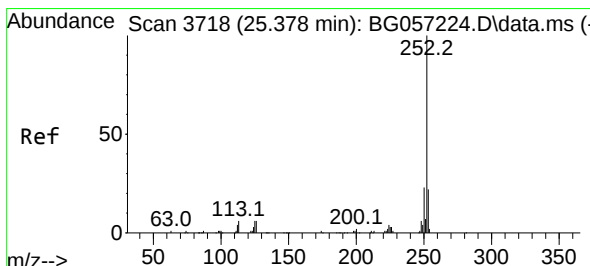
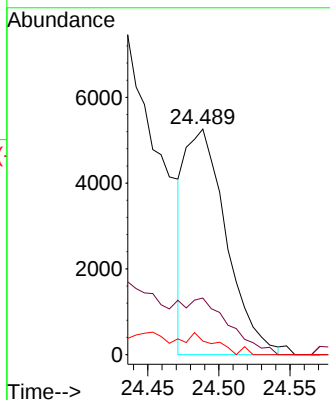
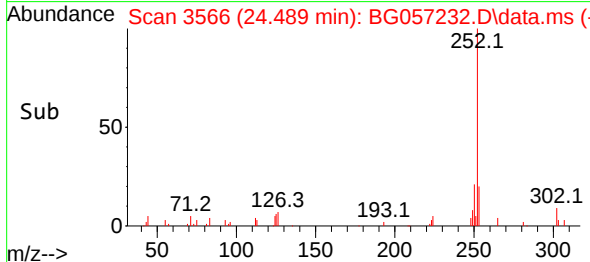
Instrument :
BNA_G
ClientSampleId :
EW8X3



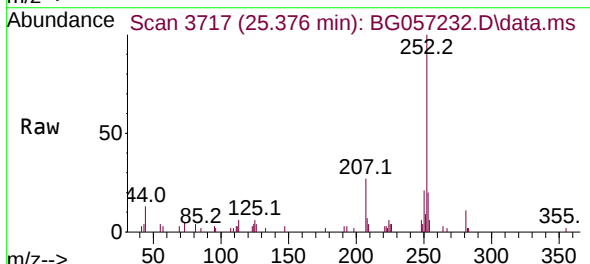
Tgt Ion:252 Resp: 10622
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 6.0 4.5 6.7

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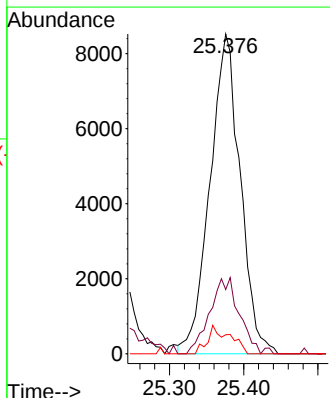
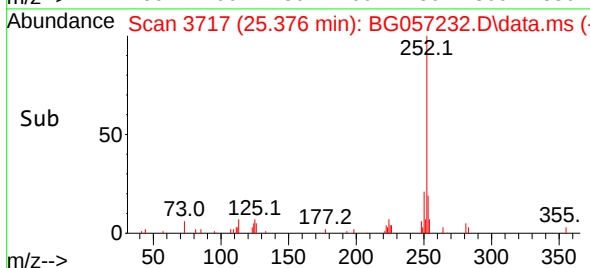
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

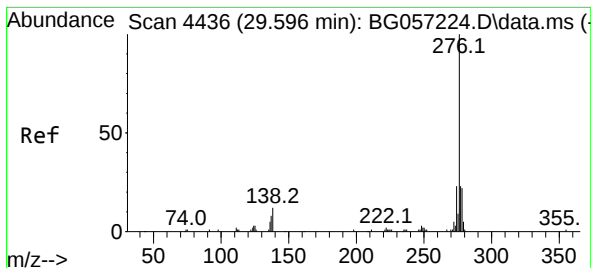


#93
Benzo(a)pyrene
Concen: 3.576 ng/ul
RT: 25.376 min Scan# 3717
Delta R.T. -0.002 min
Lab File: BG057232.D
Acq: 29 Apr 2023 00:59



Tgt Ion:252 Resp: 24133
Ion Ratio Lower Upper
252 100
253 20.1 17.2 25.8
125 6.0 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.185 ng/ul m

RT: 29.588 min Scan# 4436

Delta R.T. -0.002 min

Lab File: BG057232.D

Acq: 29 Apr 2023 00:59

Instrument :

BNA_G

ClientSampleId :

EW8X3

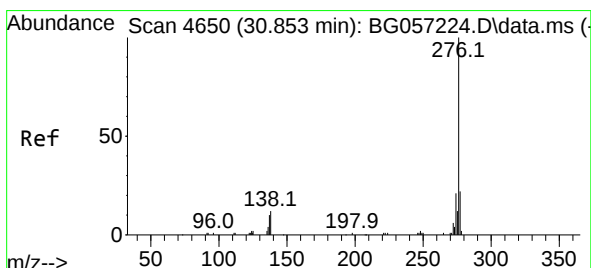
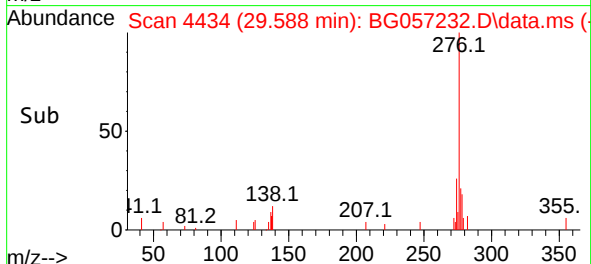
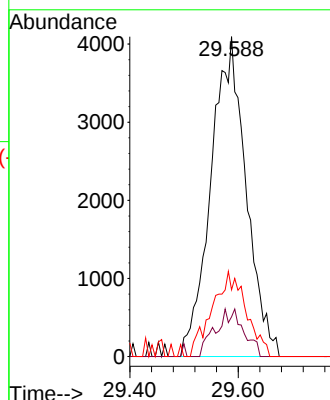
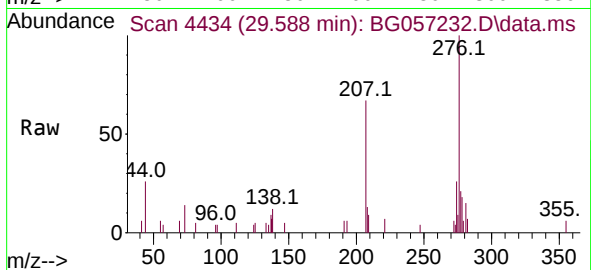
Tgt Ion:	276	Resp:	18433
Ion Ratio	Lower	Upper	
276	100		
138	12.4	9.4	14.2
277	20.9	18.6	28.0

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.445 ng/ul m

RT: 30.851 min Scan# 4649

Delta R.T. -0.008 min

Lab File: BG057232.D

Acq: 29 Apr 2023 00:59

Tgt Ion:	276	Resp:	16689
Ion Ratio	Lower	Upper	
276	100		
138	15.8	8.7	13.1#
277	30.9	18.4	27.6#

