

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057303.D
 Acq On : 4 May 2023 14:56
 Operator : CG/JU
 Sample : 02447-20DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW938DL

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:37:58 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	8.373	152	13526	20.000	ng/u1	0.00
20) Naphthalene-d8	11.210	136	59863	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.987	164	53492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	137569	20.000	ng/u1	0.00
79) Chrysene-d12	22.042	240	116105	20.000	ng/u1	0.00
88) Perylene-d12	25.567	264	121107	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.515	99	1119	0.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	982	1.305	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	840	0.996	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	718	0.739	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	615	1.290	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	560	1.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.840	165	770	0.717	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.370	166	6883	1.624	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	7869	1.652	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.974	176	6776	1.716	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.825	188	12439	1.981	ng/u1	0.00
81) Pyrene-d10	20.098	212	14437	2.095	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.320	264	12203	1.978	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.772	178	13905	1.941	ng/u1	98
80) Fluoranthene	19.763	202	31483	3.846	ng/u1	99
82) Pyrene	20.121	202	30097	3.632	ng/u1	97
83) Butylbenzylphthalate	20.973	149	4448	1.676	ng/u1#	92
85) Benzo(a)anthracene	22.019	228	19519	2.377	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.866	149	122305	31.685	ng/u1	95
87) Chrysene	22.095	228	21284	2.747	ng/u1	97
90) Benzo(b)fluoranthene	24.439	252	30554	3.643	ng/u1	95
91) Benzo(k)fluoranthene	24.498	252	11949m	1.464	ng/u1	
93) Benzo(a)pyrene	25.397	252	19757	2.729	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	29.632	276	21657m	2.393	ng/u1	
96) Benzo(g,h,i)perylene	30.907	276	22552m	3.079	ng/u1	

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

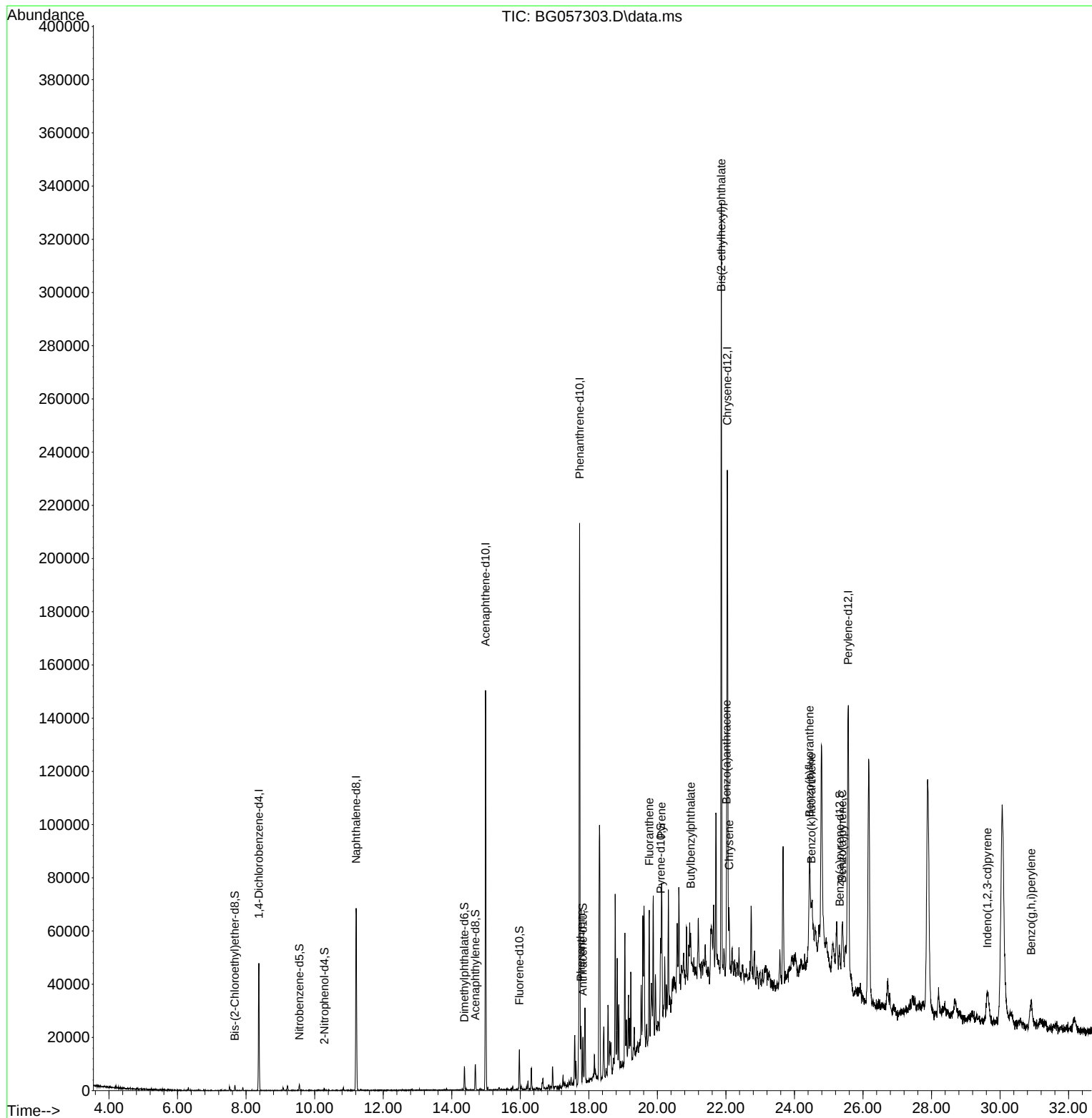
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057303.D
Acq On : 4 May 2023 14:56
Operator : CG/JU
Sample : 02447-20DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

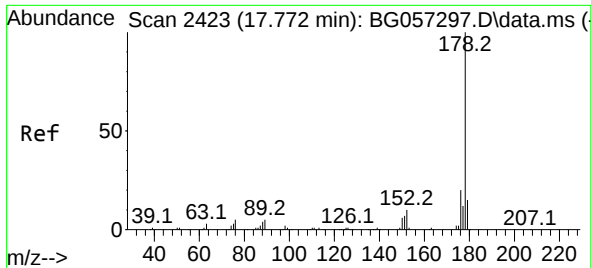
Instrument :
BNA_G
ClientSampleId :
EW938DL

Manual Integrations
APPROVED

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

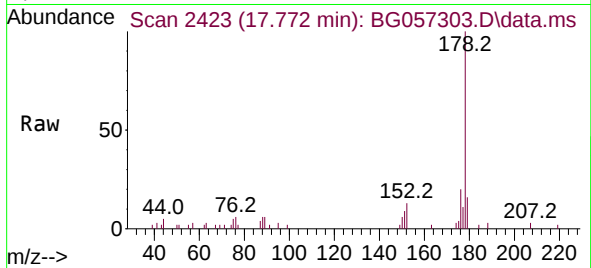
Quant Time: May 05 04:37:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.941 ng/ul
RT: 17.772 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

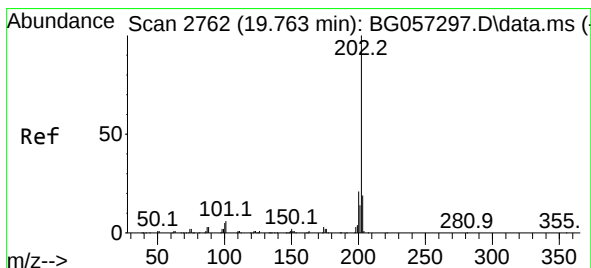
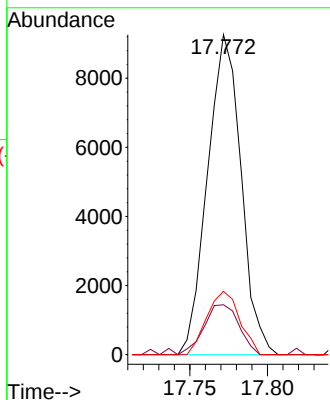
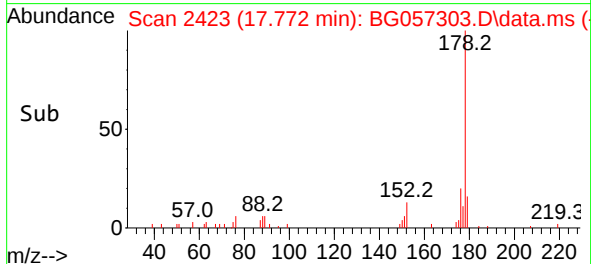
Instrument :
BNA_G
ClientSampleId :
EW938DL



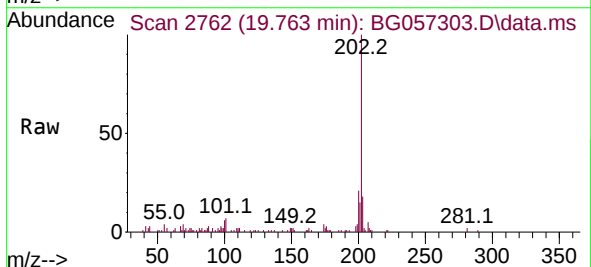
Tgt Ion:178 Resp: 1390
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 19.8 15.4 23.0

Manual Integrations
APPROVED

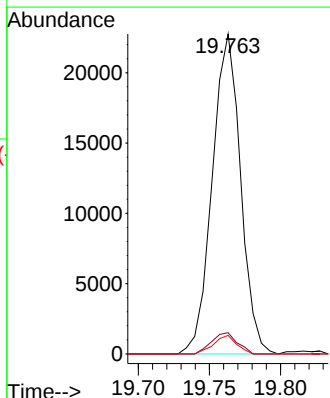
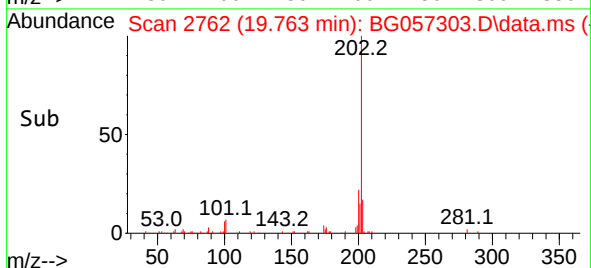
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

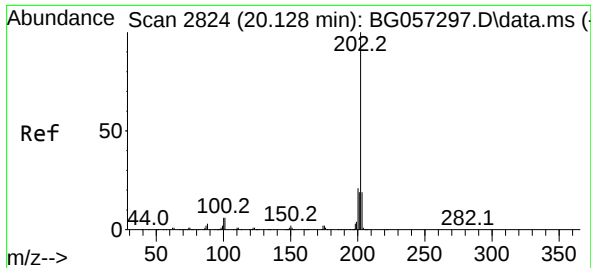


#80
Fluoranthene
Concen: 3.846 ng/ul
RT: 19.763 min Scan# 2762
Delta R.T. -0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56



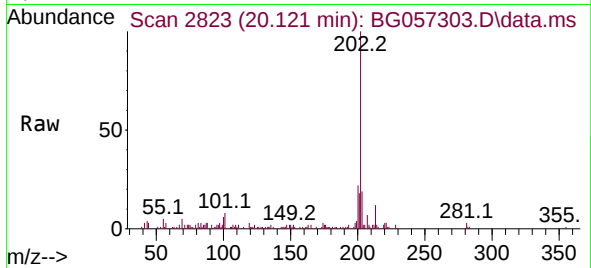
Tgt Ion:202 Resp: 31483
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.6
100 5.8 4.6 7.0





#82
 Pyrene
 Concen: 3.632 ng/ul
 RT: 20.121 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057303.D
 Acq: 4 May 2023 14:56

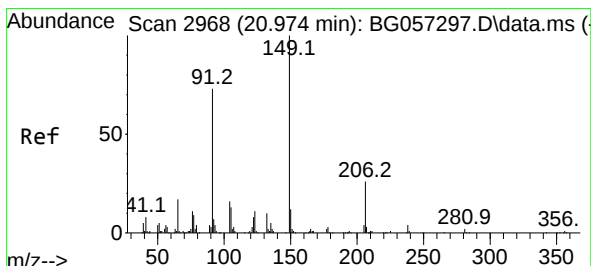
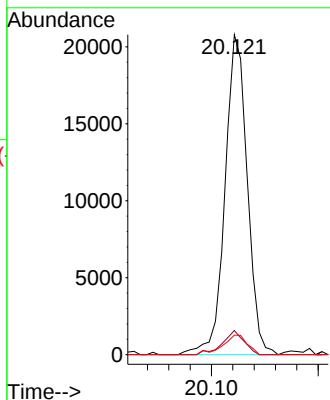
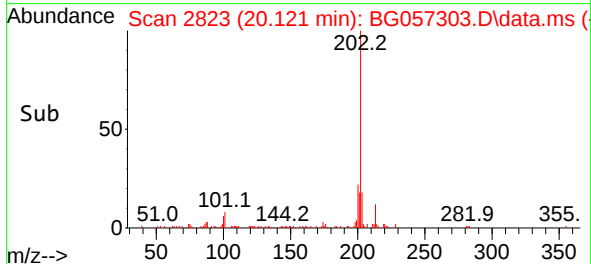
Instrument :
 BNA_G
 ClientSampleId :
 EW938DL



Tgt Ion:202 Resp: 3009
 Ion Ratio Lower Upper
 202 100
 101 7.5 5.7 8.5
 100 6.1 6.0 9.0

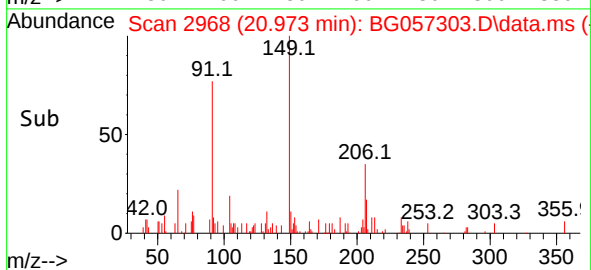
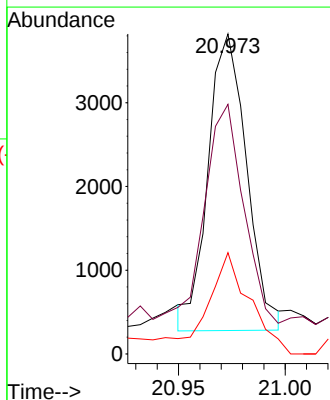
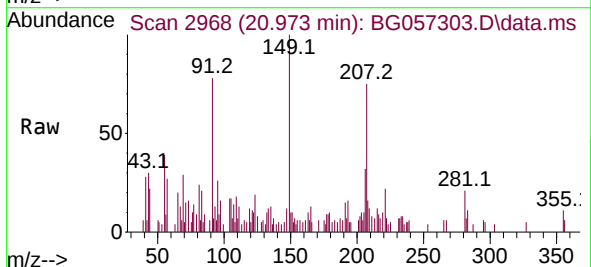
Manual Integrations
 APPROVED

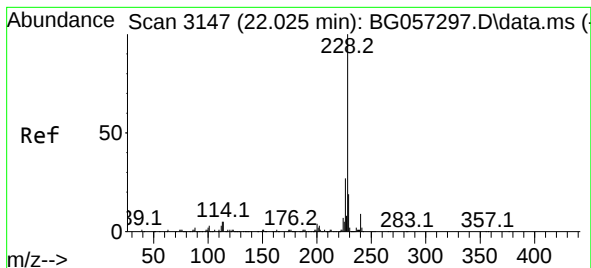
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#83
 Butylbenzylphthalate
 Concen: 1.676 ng/ul
 RT: 20.973 min Scan# 2968
 Delta R.T. -0.009 min
 Lab File: BG057303.D
 Acq: 4 May 2023 14:56

Tgt Ion:149 Resp: 4448
 Ion Ratio Lower Upper
 149 100
 91 78.0 58.6 87.8
 206 31.7 19.8 29.8#





#85

Benzo(a)anthracene

Concen: 2.377 ng/ul

RT: 22.019 min Scan# 3146

Delta R.T. -0.009 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EW938DL

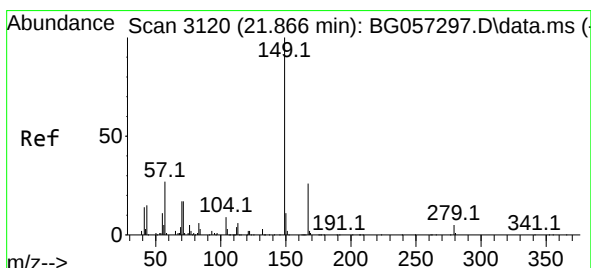
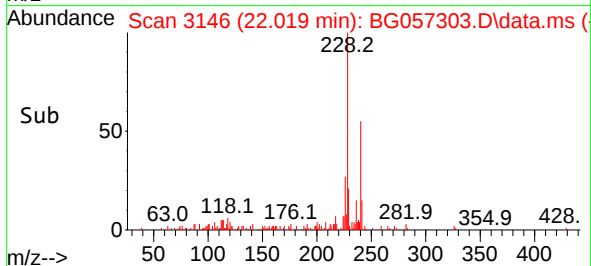
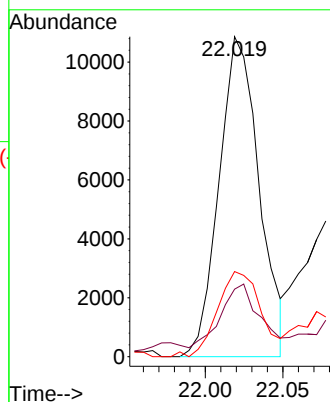
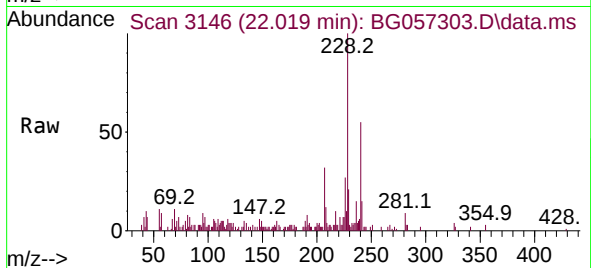
Tgt Ion:	228	Resp:	19519
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.6
226	26.6	21.7	32.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.685 ng/ul

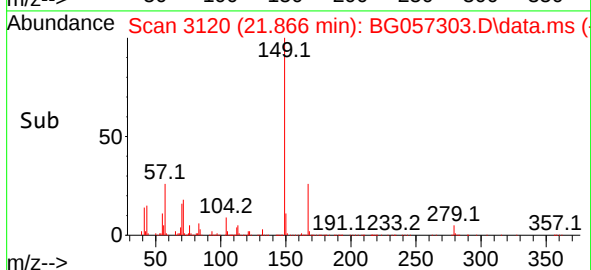
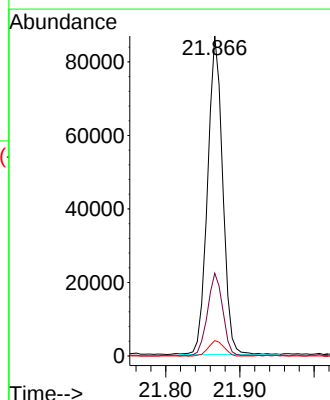
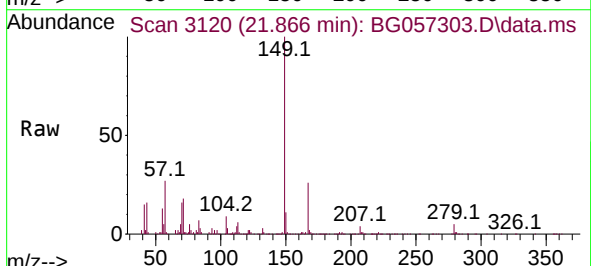
RT: 21.866 min Scan# 3120

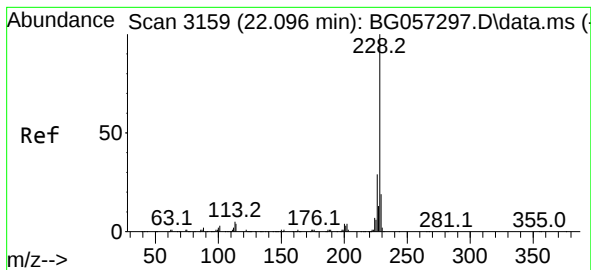
Delta R.T. -0.009 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

Tgt Ion:	149	Resp:	122305
Ion Ratio	Lower	Upper	
149	100		
167	25.9	23.0	34.6
279	4.8	3.6	5.4





#87

Chrysene

Concen: 2.747 ng/ul

RT: 22.095 min Scan# 3159

Delta R.T. -0.003 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

Instrument :

BNA_G

ClientSampleId :

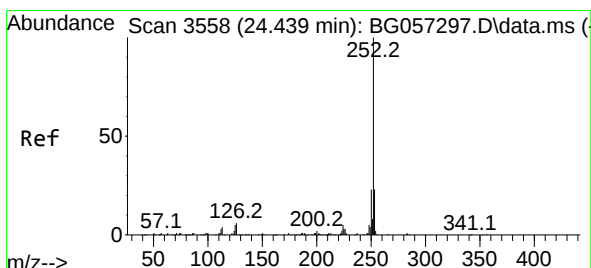
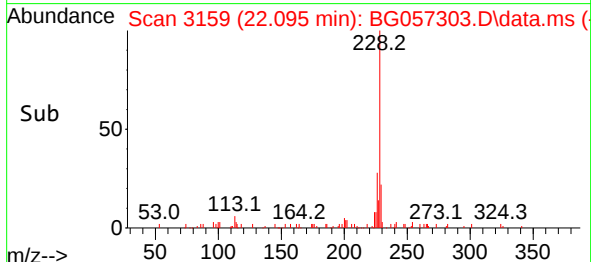
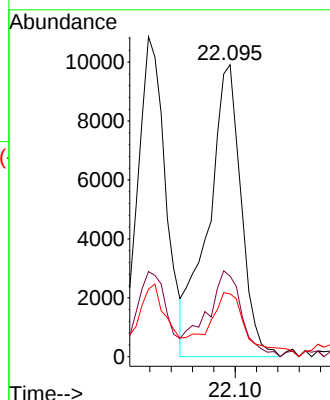
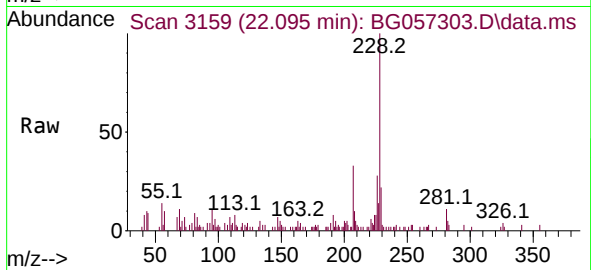
EW938DL

Tgt Ion:	228	Resp:	21284
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.8	34.2
229	21.5	15.5	23.3

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 3.643 ng/ul

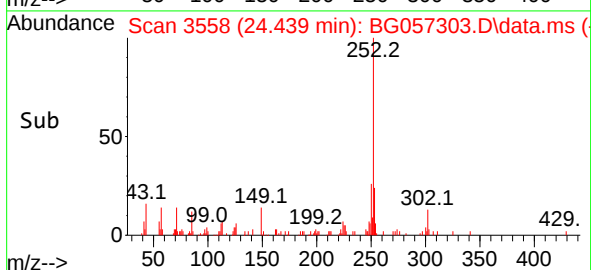
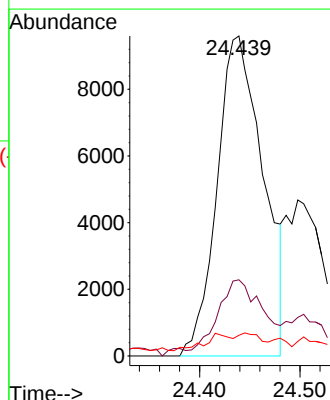
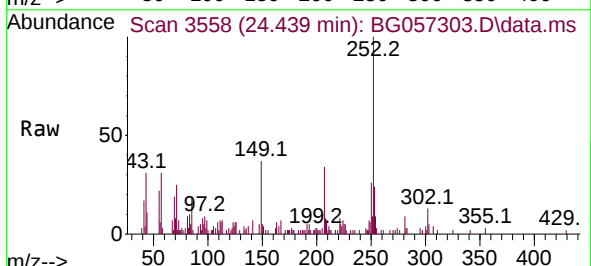
RT: 24.439 min Scan# 3558

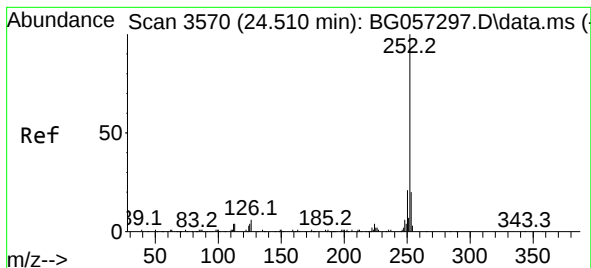
Delta R.T. 0.003 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

Tgt Ion:	252	Resp:	30554
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.7	25.1
125	6.4	4.8	7.2





#91

Benzo(k)fluoranthene

Concen: 1.464 ng/ul m

RT: 24.498 min Scan# 3

Delta R.T. -0.014 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

Instrument :

BNA_G

ClientSampleId :

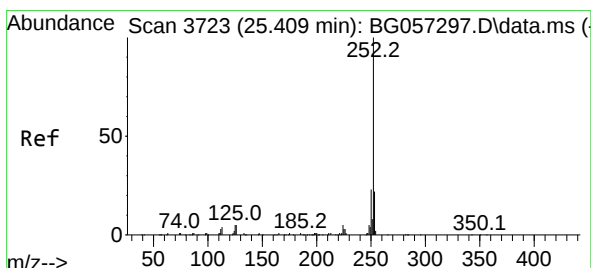
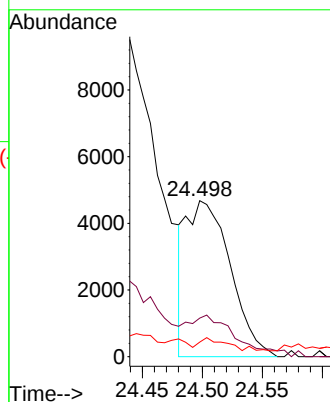
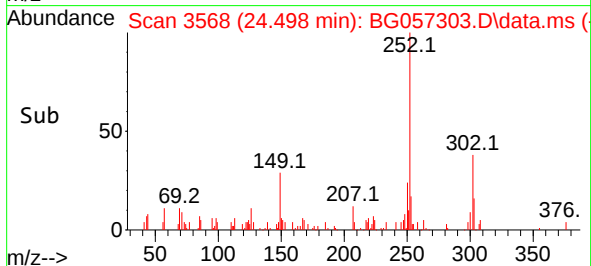
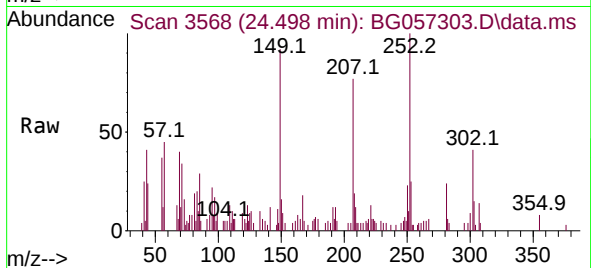
EW938DL

Tgt Ion:	252	Resp:	11949
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.7	26.5
125	9.4	4.5	6.7

Manual Integrations

APPROVED

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



#93

Benzo(a)pyrene

Concen: 2.729 ng/ul

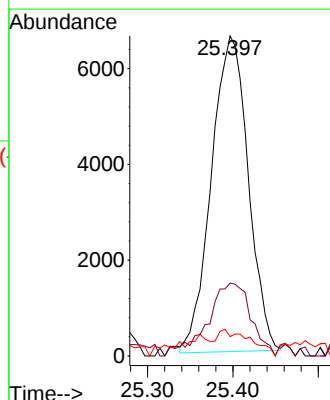
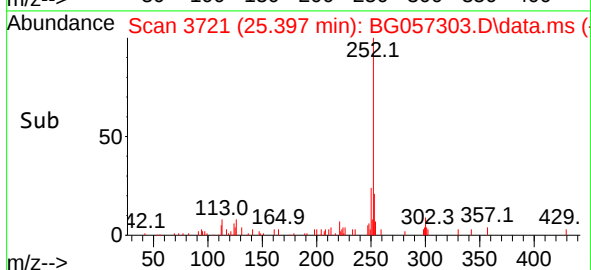
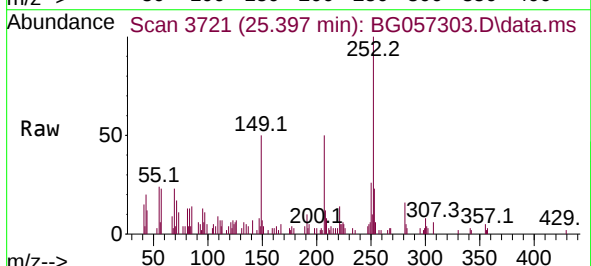
RT: 25.397 min Scan# 3721

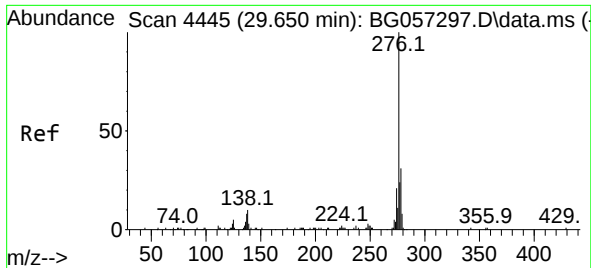
Delta R.T. -0.003 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

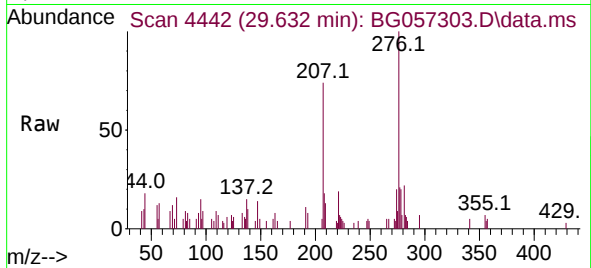
Tgt Ion:	252	Resp:	19757
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	6.0	5.1	7.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.393 ng/ul m
RT: 29.632 min Scan# 4442
Delta R.T. 0.009 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

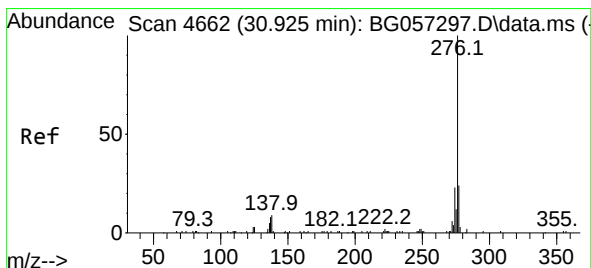
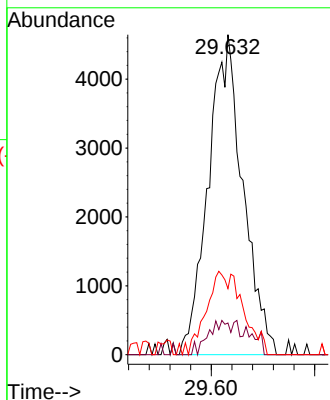
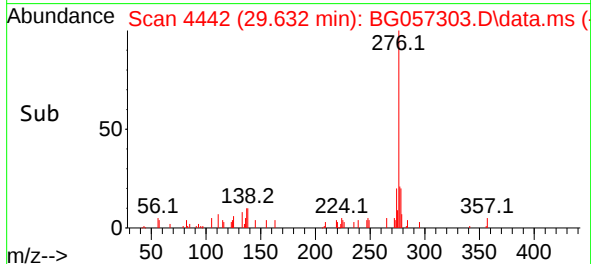
Instrument :
BNA_G
ClientSampleId :
EW938DL



Tgt Ion:276 Resp: 2165
Ion Ratio Lower Upper
276 100
138 9.9 9.4 14.2
277 20.7 18.6 28.0

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 3.079 ng/ul m
RT: 30.907 min Scan# 4659
Delta R.T. -0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

Tgt Ion:276 Resp: 22552
Ion Ratio Lower Upper
276 100
138 10.7 8.7 13.1
277 24.1 18.4 27.6

