

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057260.D
 Acq On : 1 May 2023 21:54
 Operator : CG/JU
 Sample : 02418-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Z7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 00:06:48 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	17978	20.000	ng/u1	0.00
20) Naphthalene-d8	11.222	136	75270	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.999	164	54156	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	116560	20.000	ng/u1	0.00
79) Chrysene-d12	22.048	240	98797	20.000	ng/u1	# 0.00
88) Perylene-d12	25.579	264	107325	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	415	1.016	ng/uL	0.00
4) Pyridine-d5	0.000	84	0	0.000	ng/u1	
7) Phenol-d5	7.521	99	14744	8.672	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	9259	9.259	ng/u1	0.00
11) 2-Chlorophenol-d4	7.909	132	11425	10.197	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	9356	7.240	ng/u1	0.00
21) Nitrobenzene-d5	9.559	128	5933	9.898	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	7050	10.078	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	13143	9.738	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	8480m	4.741	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	44101	10.277	ng/u1	0.00
49) Acenaphthylene-d8	14.694	160	51265	10.629	ng/u1	0.00
54) 4-Nitrophenol-d4	15.193	143	3696m	5.917	ng/u1	0.02
60) Fluorene-d10	15.980	176	38997	9.755	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	1825	2.643	ng/u1	0.00
73) Anthracene-d10	17.836	188	55771	10.482	ng/u1	0.00
81) Pyrene-d10	20.098	212	69392	11.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.326	264	63046	11.530	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.207	105	4395	1.977	ng/u1#	82
72) Phenanthrene	17.778	178	12274	2.022	ng/u1	95
80) Fluoranthene	19.763	202	31007	4.451	ng/u1	99
82) Pyrene	20.127	202	24948	3.538	ng/u1#	97
85) Benzo(a)anthracene	22.025	228	18121	2.593	ng/u1	95
87) Chrysene	22.095	228	17283m	2.622	ng/u1	
90) Benzo(b)fluoranthene	24.445	252	21499	2.893	ng/u1#	92
93) Benzo(a)pyrene	25.403	252	13075	2.038	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	29.638	276	10506m	1.310	ng/u1	
96) Benzo(g,h,i)perylene	30.925	276	8920m	1.374	ng/u1	

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

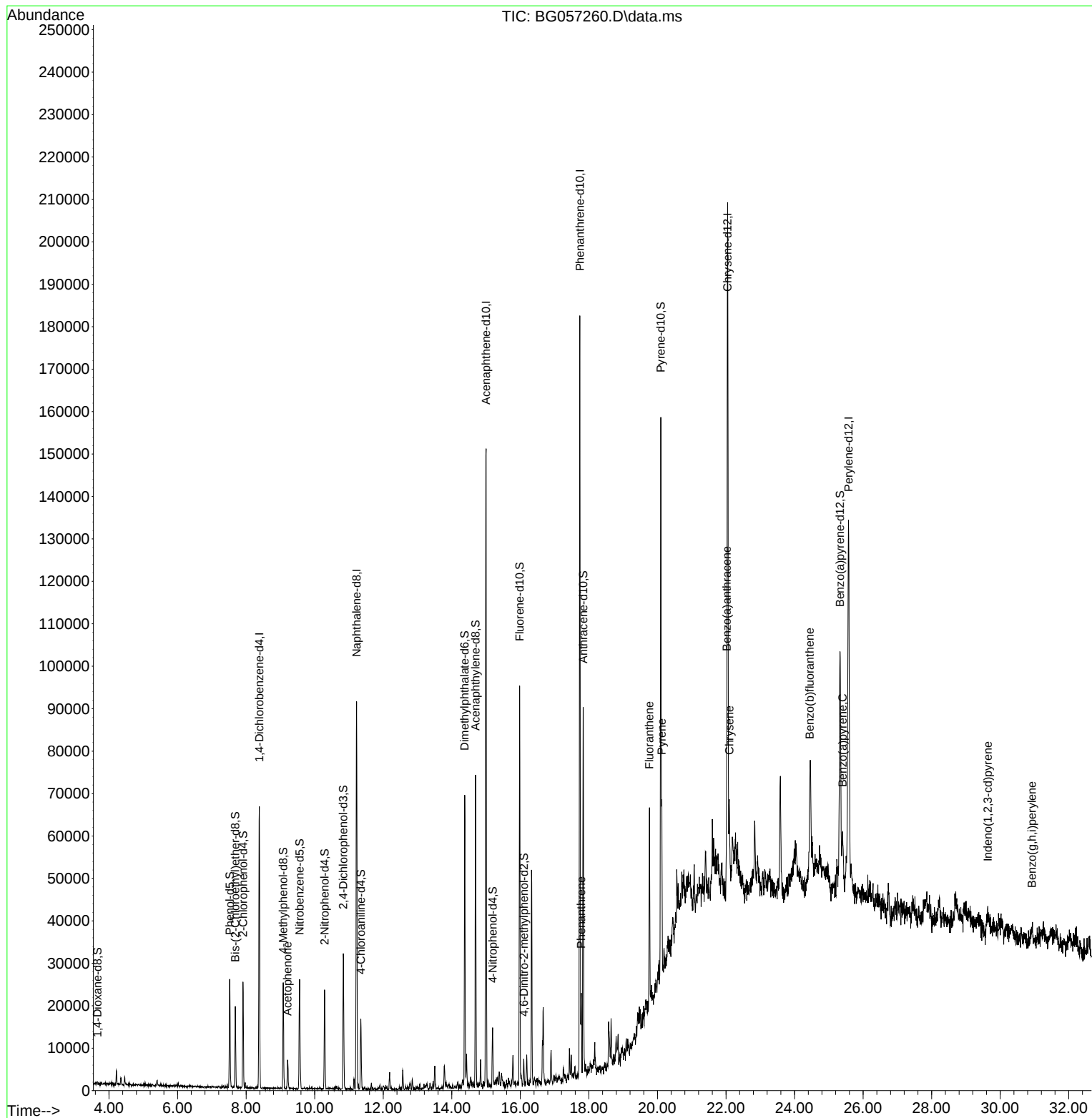
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057260.D
Acq On : 1 May 2023 21:54
Operator : CG/JU
Sample : 02418-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

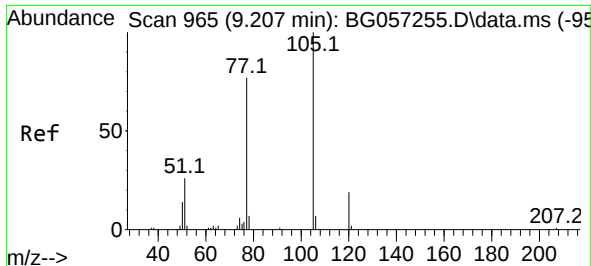
Instrument :
BNA_G
ClientSampleId :
EW8Z7

Quant Time: May 02 00:06:48 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
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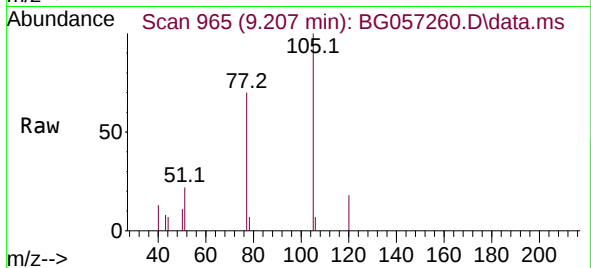
Reviewed By : Christian Giraldo 05/02/2023
Supervised By : Jagrut Upadhyay 05/02/2023





#16
Acetophenone
Concen: 1.977 ng/ul
RT: 9.207 min Scan# 965
Delta R.T. -0.003 min
Lab File: BG057260.D
Acq: 1 May 2023 21:54

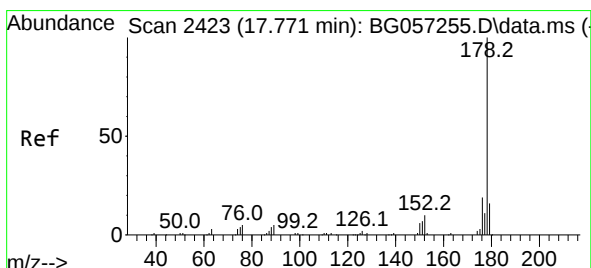
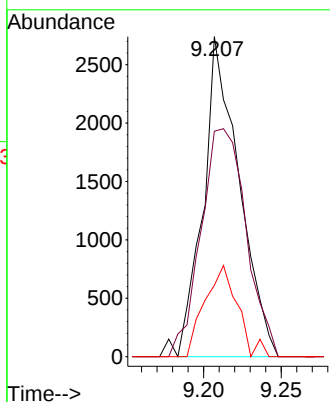
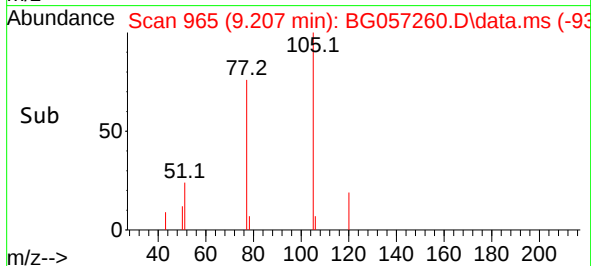
Instrument :
BNA_G
ClientSampleId :
EW8Z7



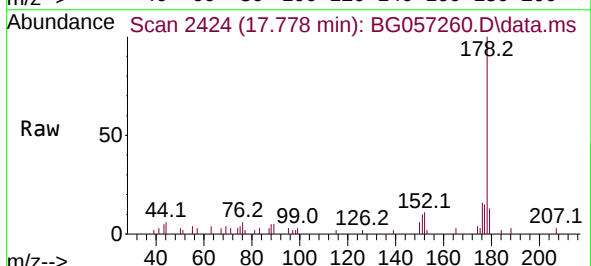
Tgt Ion:	105	Resp:	439
Ion Ratio	Lower	Upper	
105	100		
77	70.5	70.6	105.8
51	22.3	24.5	36.7

Manual Integrations
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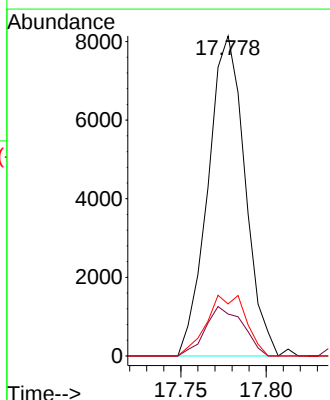
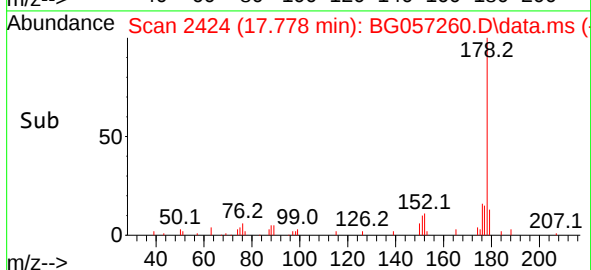
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

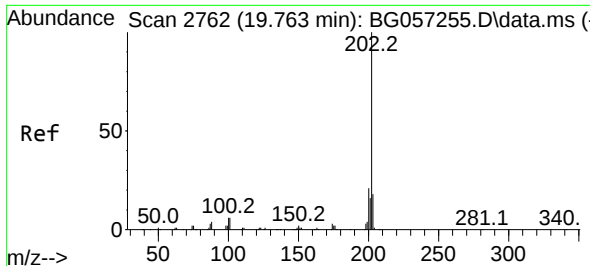


#72
Phenanthrene
Concen: 2.022 ng/ul
RT: 17.778 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BG057260.D
Acq: 1 May 2023 21:54



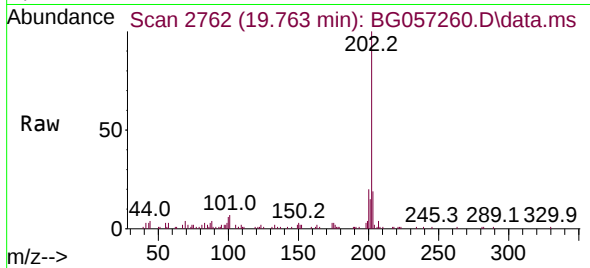
Tgt Ion:	178	Resp:	12274
Ion Ratio	Lower	Upper	
178	100		
179	13.1	11.8	17.8
176	16.3	15.4	23.0





#80
Fluoranthene
Concen: 4.451 ng/ul
RT: 19.763 min Scan# 2762
Delta R.T. -0.003 min
Lab File: BG057260.D
Acq: 1 May 2023 21:54

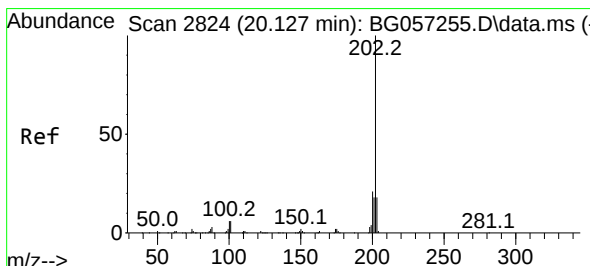
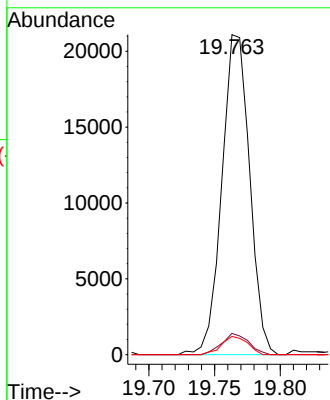
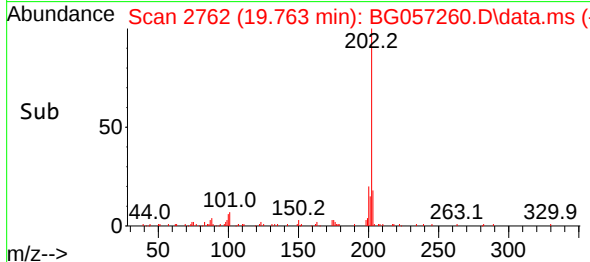
Instrument :
BNA_G
ClientSampleId :
EW8Z7



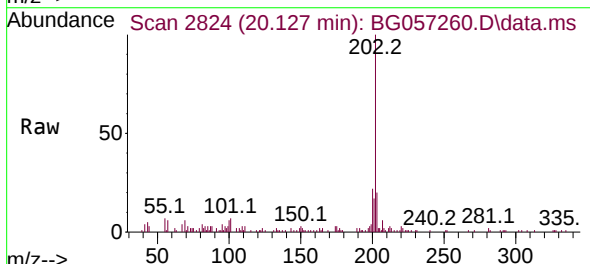
Tgt Ion:202 Resp: 3100
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.6
100 5.7 4.6 7.0

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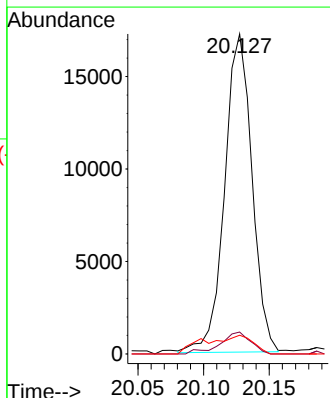
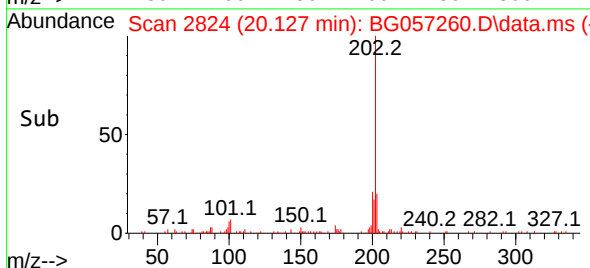
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

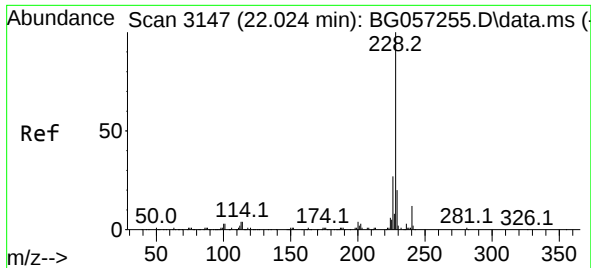


#82
Pyrene
Concen: 3.538 ng/ul
RT: 20.127 min Scan# 2824
Delta R.T. 0.003 min
Lab File: BG057260.D
Acq: 1 May 2023 21:54



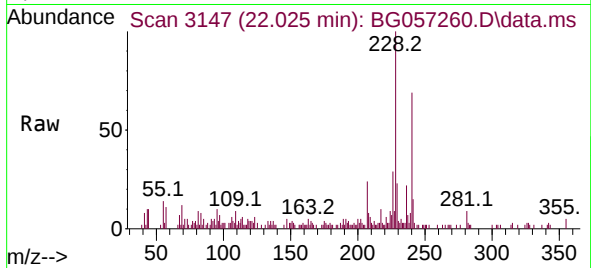
Tgt Ion:202 Resp: 24948
Ion Ratio Lower Upper
202 100
101 6.8 5.7 8.5
100 5.9 6.0 9.0#





#85
Benzo(a)anthracene
Concen: 2.593 ng/ul
RT: 22.025 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG057260.D
Acq: 1 May 2023 21:54

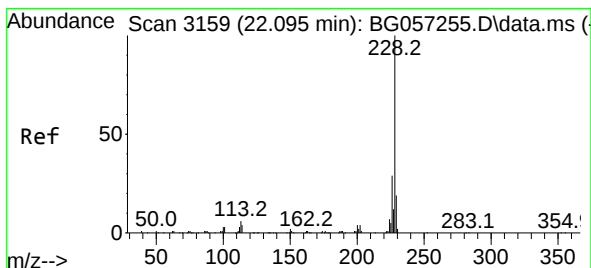
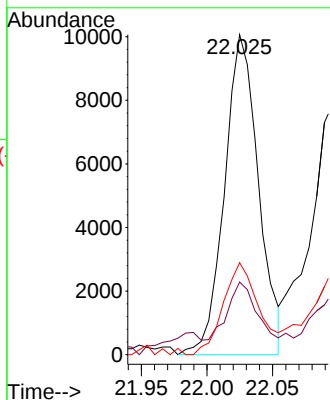
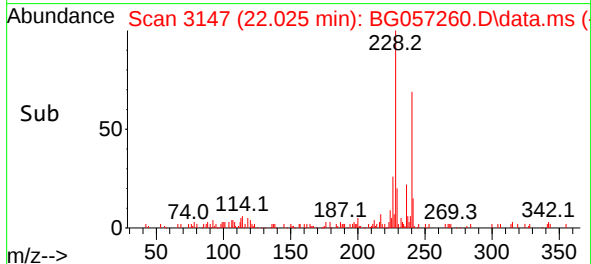
Instrument :
BNA_G
ClientSampleId :
EW8Z7



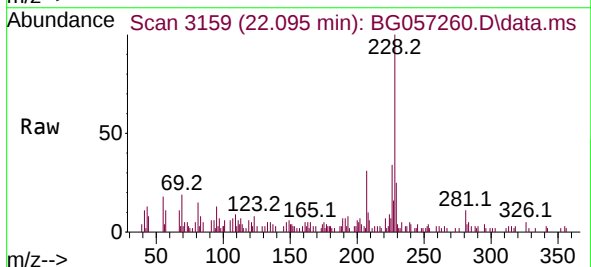
Tgt Ion:228 Resp: 1812
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.6
226 28.7 21.7 32.5

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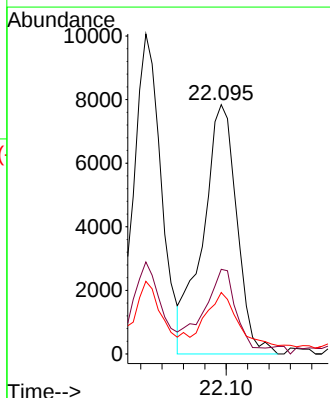
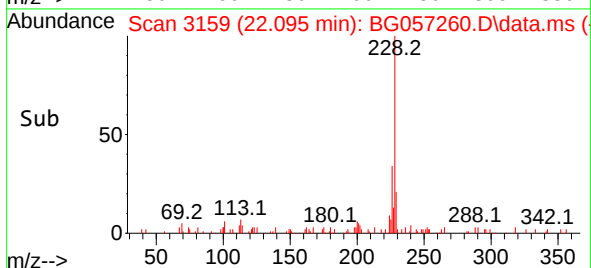
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

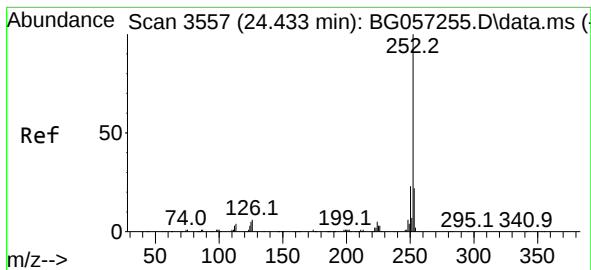


#87
Chrysene
Concen: 2.622 ng/ul m
RT: 22.095 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG057260.D
Acq: 1 May 2023 21:54



Tgt Ion:228 Resp: 17283
Ion Ratio Lower Upper
228 100
226 34.0 22.8 34.2
229 24.6 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 2.893 ng/u1

RT: 24.445 min Scan# 3559

Delta R.T. 0.009 min

Lab File: BG057260.D

Acq: 1 May 2023 21:54

Instrument :

BNA_G

ClientSampleId :

EW8Z7

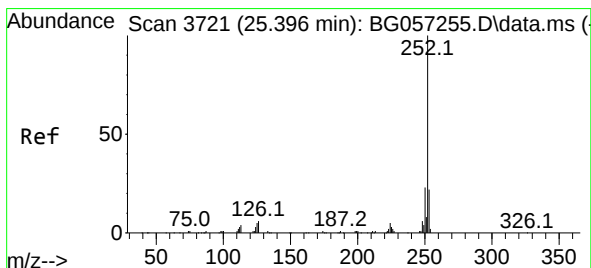
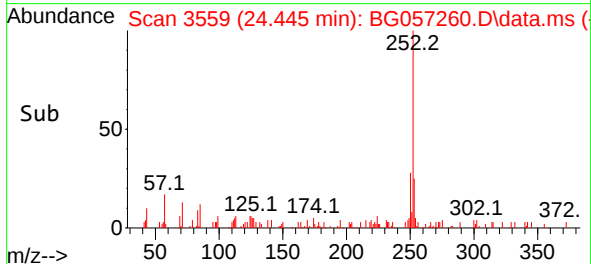
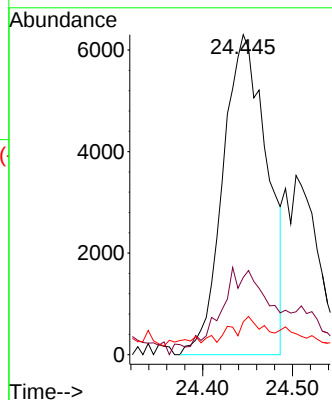
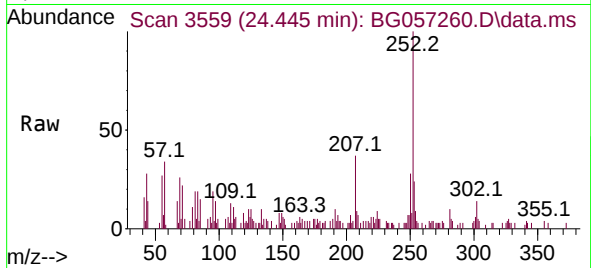
Tgt Ion:	252	Resp:	2149
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.7	25.1
125	10.3	4.8	7.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.038 ng/u1

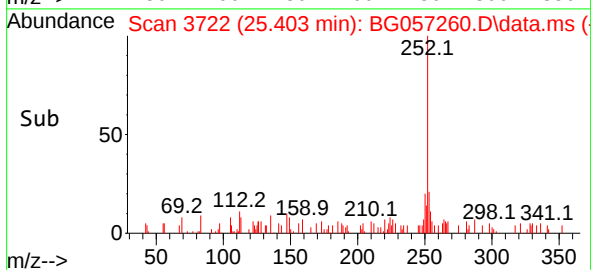
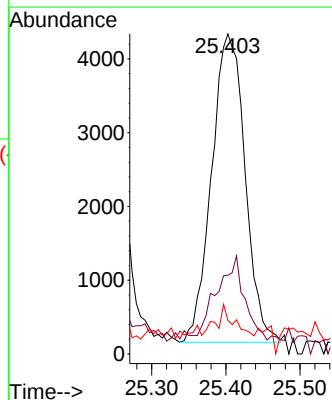
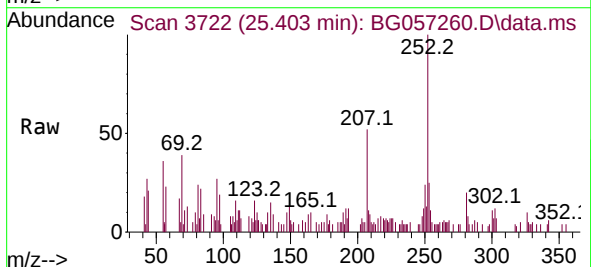
RT: 25.403 min Scan# 3722

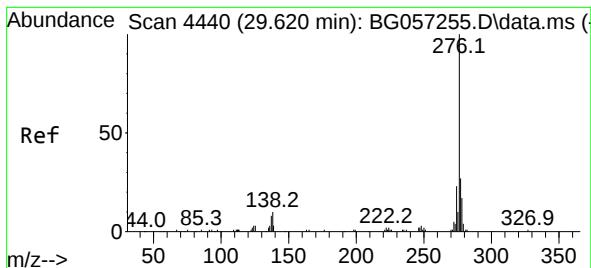
Delta R.T. 0.003 min

Lab File: BG057260.D

Acq: 1 May 2023 21:54

Tgt Ion:	252	Resp:	13075
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.2	25.8
125	10.5	5.1	7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.310 ng/ul m

RT: 29.638 min Scan# 4443

Delta R.T. 0.015 min

Lab File: BG057260.D

Acq: 1 May 2023 21:54

Instrument :

BNA_G

ClientSampleId :

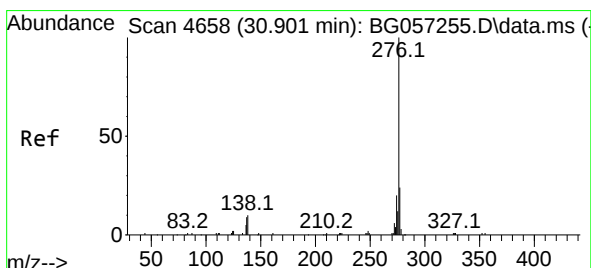
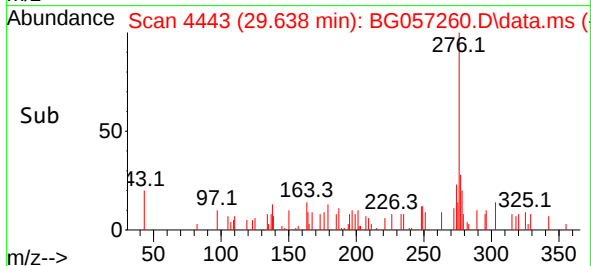
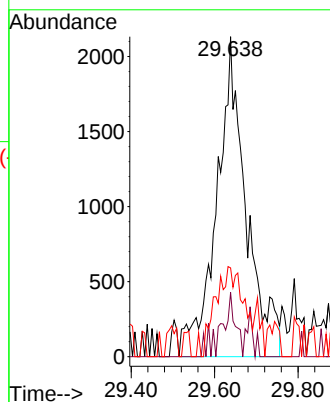
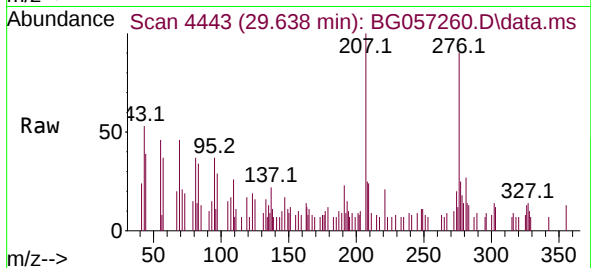
EW8Z7

Tgt Ion:276 Resp: 10500
 Ion Ratio Lower Upper
 276 100
 138 12.7 9.4 14.2
 277 27.8 18.6 28.0

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.374 ng/ul m

RT: 30.925 min Scan# 4662

Delta R.T. 0.015 min

Lab File: BG057260.D

Acq: 1 May 2023 21:54

Tgt Ion:276 Resp: 8920
 Ion Ratio Lower Upper
 276 100
 138 11.8 8.7 13.1
 277 30.2 18.4 27.6#

