

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057259.D
 Acq On : 1 May 2023 21:13
 Operator : CG/JU
 Sample : 02417-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y4

Quant Time: May 02 00:00:12 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	16910	20.000	ng/u1	0.00
20) Naphthalene-d8	11.222	136	71236	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.994	164	52044	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	109477	20.000	ng/u1	0.00
79) Chrysene-d12	22.049	240	91878	20.000	ng/u1	# 0.00
88) Perylene-d12	25.579	264	97868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.662	96	690	1.796	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.516	99	23238	14.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	13688	14.552	ng/u1	0.00
11) 2-Chlorophenol-d4	7.909	132	16731	15.876	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	13910	11.444	ng/u1	0.00
21) Nitrobenzene-d5	9.560	128	9170	16.164	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	10982	16.588	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	21171	16.575	ng/u1	0.00
31) 4-Chloroaniline-d4	11.346	131	10443	6.169	ng/u1	0.00
46) Dimethylphthalate-d6	14.377	166	67115	16.275	ng/u1	0.00
49) Acenaphthylene-d8	14.694	160	79285	17.106	ng/u1	0.00
54) 4-Nitrophenol-d4	15.188	143	6732	11.215	ng/u1	0.00
60) Fluorene-d10	15.981	176	61325	15.963	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	4853	7.482	ng/u1	0.00
73) Anthracene-d10	17.831	188	90211	18.053	ng/u1	0.00
81) Pyrene-d10	20.099	212	100253	18.383	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.333	264	90278	18.106	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.213	105	2584	1.235	ng/u1#	92
52) Acenaphthene	15.058	153	6011	1.791	ng/u1	96
56) Dibenzofuran	15.387	168	6755	1.394	ng/u1	92
61) Fluorene	16.033	166	10313	2.517	ng/u1	100
72) Phenanthrene	17.778	178	190252	33.371	ng/u1	98
74) Anthracene	17.866	178	39541	6.905	ng/u1	99
77) Carbazole	18.131	167	10491	2.192	ng/u1	94
80) Fluoranthene	19.770	202	399946	61.737	ng/u1#	96
82) Pyrene	20.128	202	330057	50.328	ng/u1#	97
85) Benzo(a)anthracene	22.031	228	185670	28.573	ng/u1	99
87) Chrysene	22.102	228	175515	28.629	ng/u1	95
90) Benzo(b)fluoranthene	24.446	252	234526	34.605	ng/u1#	98
91) Benzo(k)fluoranthene	24.516	252	87127m	13.214	ng/u1	
93) Benzo(a)pyrene	25.409	252	163888m	28.010	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.644	276	102504m	14.015	ng/u1	
95) Dibenzo(a,h)anthracene	29.697	278	25609m	4.223	ng/u1	
96) Benzo(g,h,i)perylene	30.925	276	81766m	13.814	ng/u1	

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

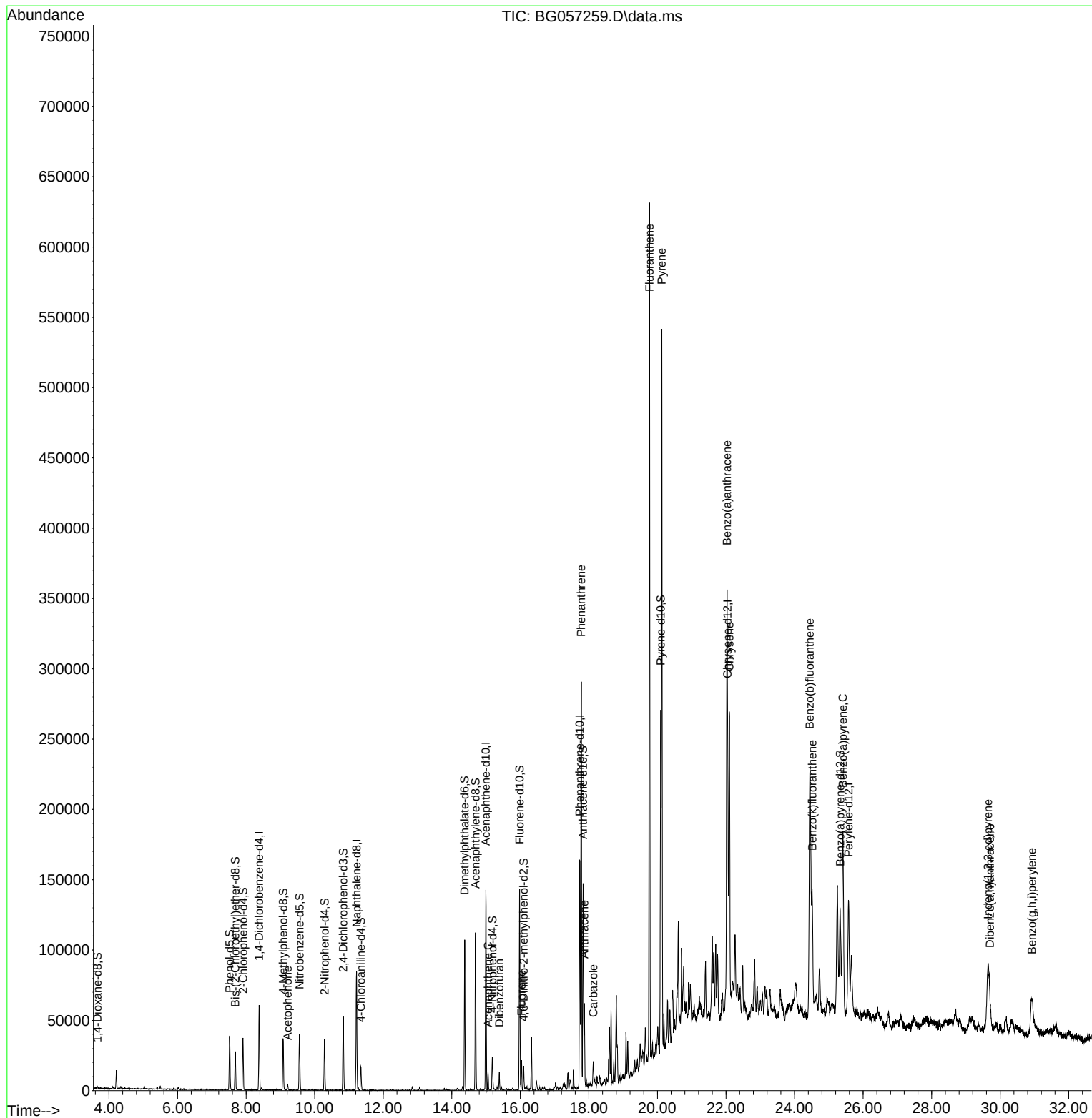
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

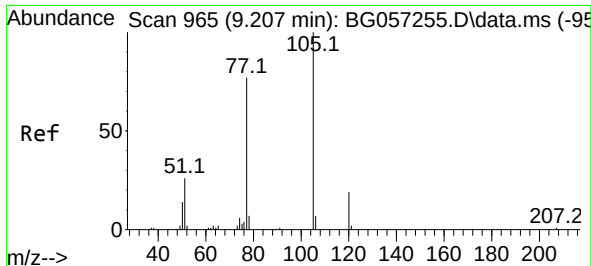
Instrument :
BNA_G
ClientSampleId :
EW8Y4

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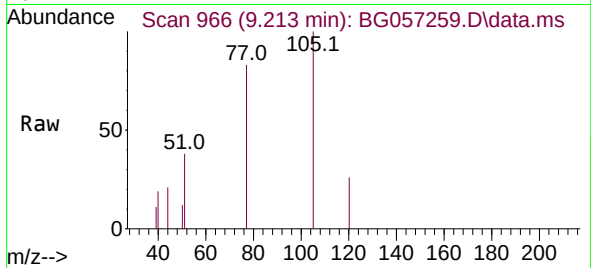
Quant Time: May 02 00:00:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.235 ng/ul
RT: 9.213 min Scan# 965
Delta R.T. 0.004 min
Lab File: BG057259.D
Acq: 1 May 2023 21:13

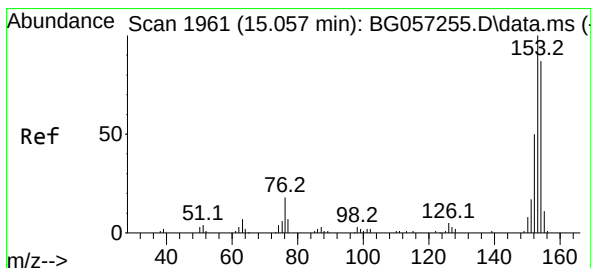
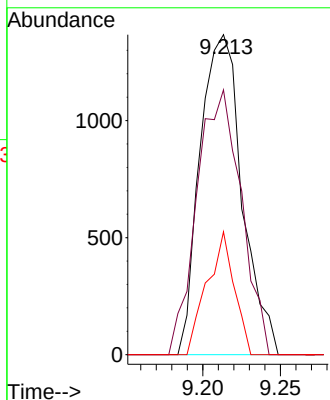
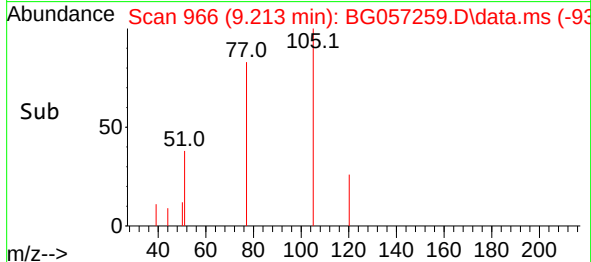
Instrument :
BNA_G
ClientSampleId :
EW8Y4



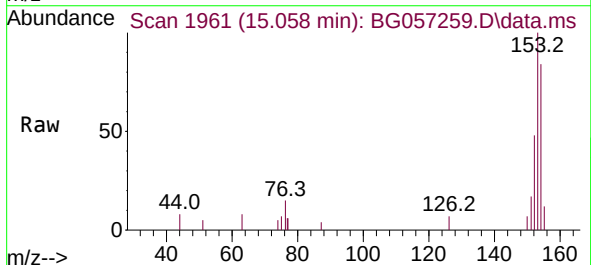
Tgt Ion:105 Resp: 2584
Ion Ratio Lower Upper
105 100
77 82.7 70.6 105.8
51 38.4 24.5 36.7

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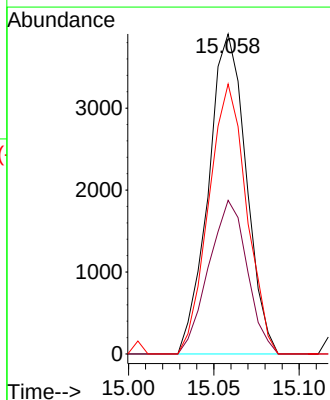
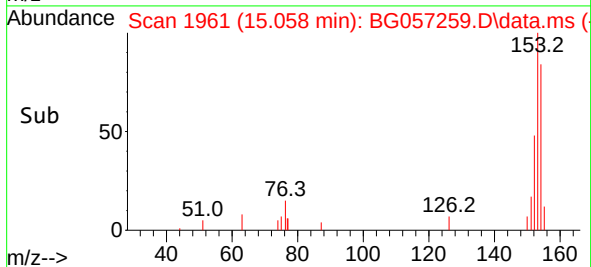
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

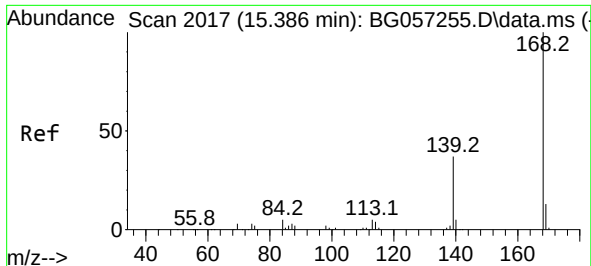


#52
Acenaphthene
Concen: 1.791 ng/ul
RT: 15.058 min Scan# 1961
Delta R.T. -0.002 min
Lab File: BG057259.D
Acq: 1 May 2023 21:13



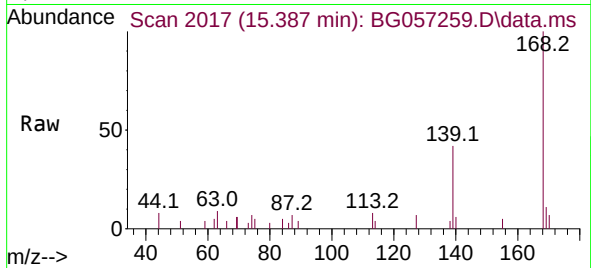
Tgt Ion:153 Resp: 6011
Ion Ratio Lower Upper
153 100
152 48.0 36.5 54.7
154 84.4 70.6 106.0





#56
Dibenzenofuran
Concen: 1.394 ng/ul
RT: 15.387 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057259.D
Acq: 1 May 2023 21:13

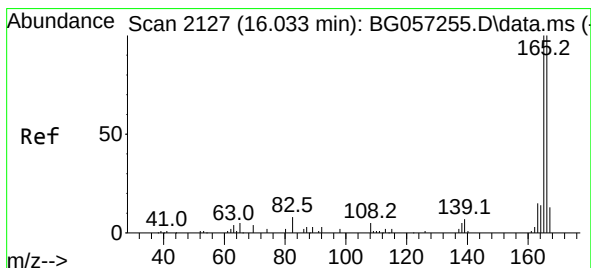
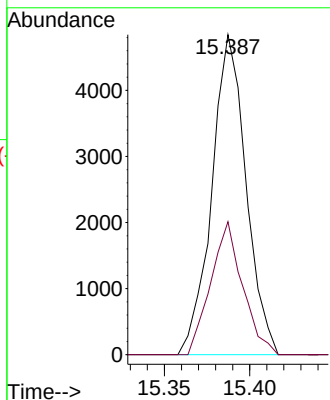
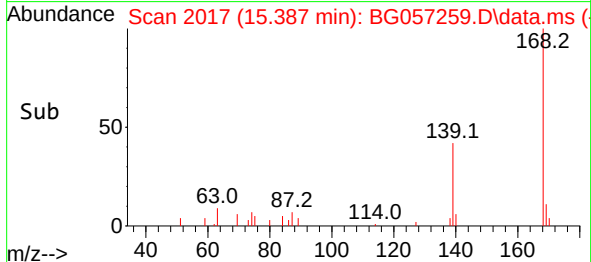
Instrument :
BNA_G
ClientSampleId :
EW8Y4



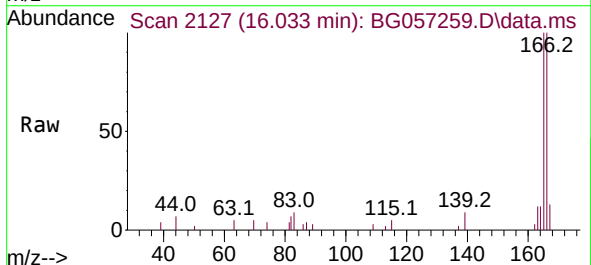
Tgt Ion:168 Resp: 675
Ion Ratio Lower Upper
168 100
139 41.6 29.6 44.4

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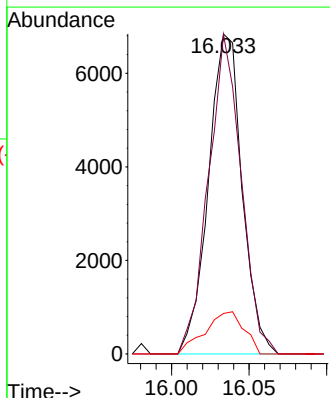
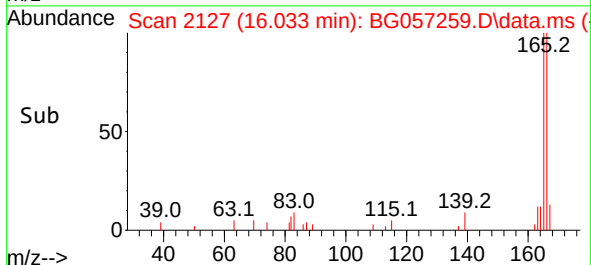
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

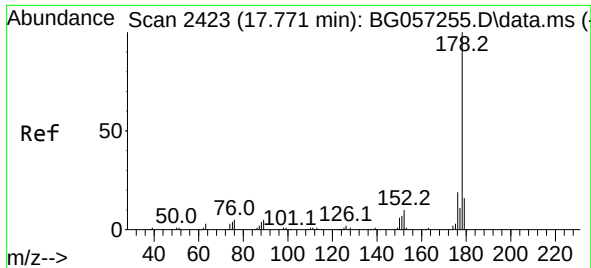


#61
Fluorene
Concen: 2.517 ng/ul
RT: 16.033 min Scan# 2127
Delta R.T. -0.002 min
Lab File: BG057259.D
Acq: 1 May 2023 21:13



Tgt Ion:166 Resp: 10313
Ion Ratio Lower Upper
166 100
165 99.9 80.1 120.1
167 12.7 10.2 15.4





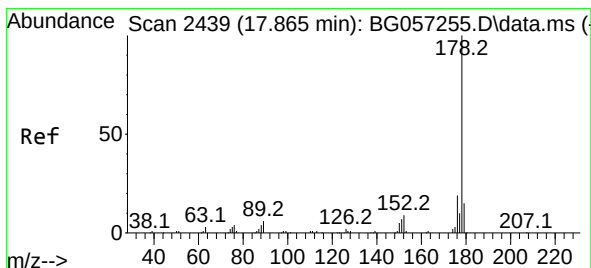
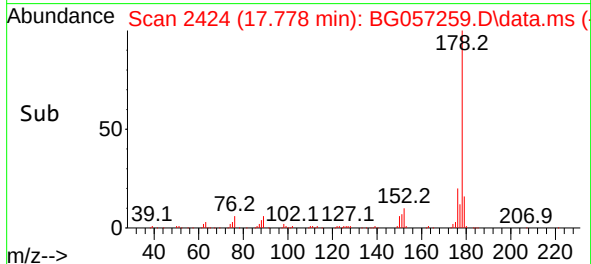
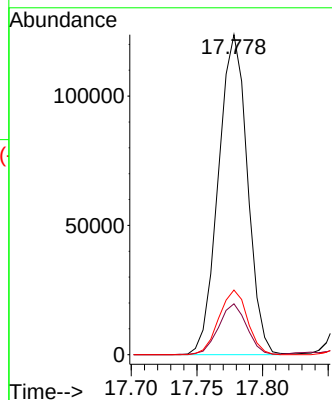
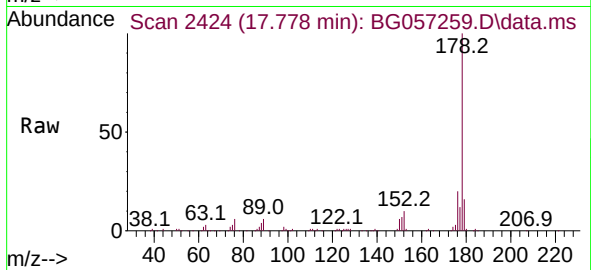
#72
Phenanthrene
Concen: 33.371 ng/u1
RT: 17.778 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BG057259.D
Acq: 1 May 2023 21:13

Instrument :
BNA_G
ClientSampleId :
EW8Y4

Tgt Ion:178 Resp: 19025
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 20.2 15.4 23.0

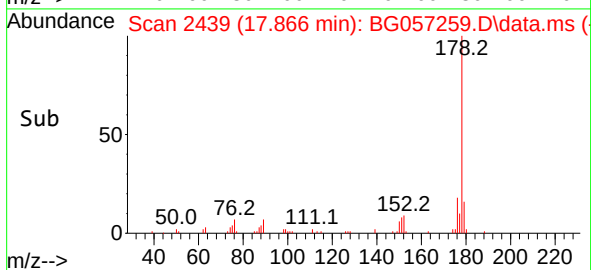
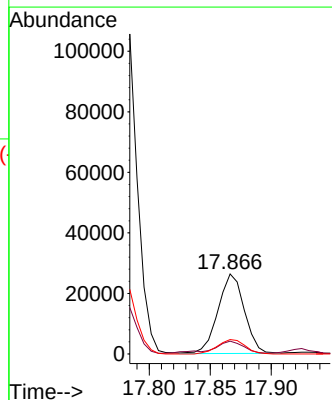
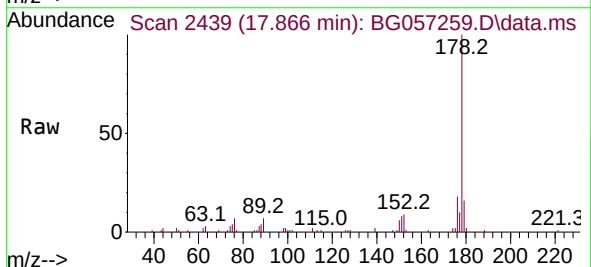
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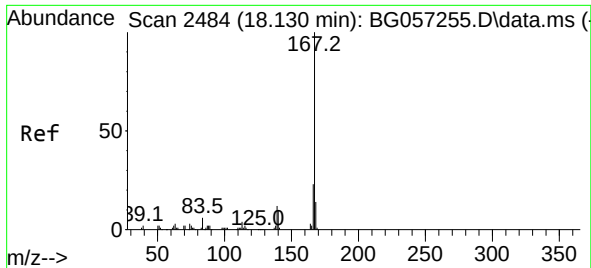
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#74
Anthracene
Concen: 6.905 ng/u1
RT: 17.866 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG057259.D
Acq: 1 May 2023 21:13

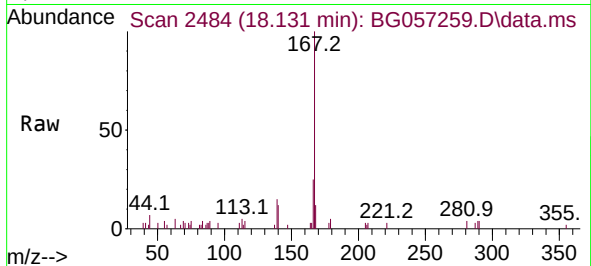
Tgt Ion:178 Resp: 39541
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 18.0 14.7 22.1





#77
 Carbazole
 Concen: 2.192 ng/ul
 RT: 18.131 min Scan# 2484
 Delta R.T. -0.002 min
 Lab File: BG057259.D
 Acq: 1 May 2023 21:13

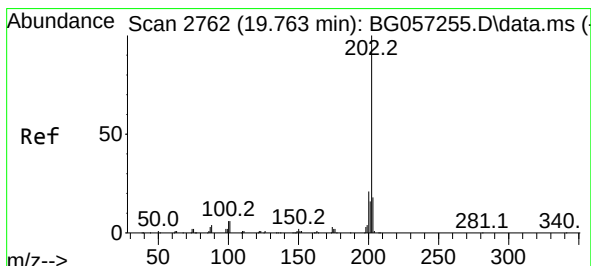
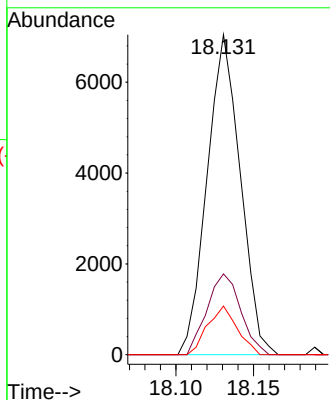
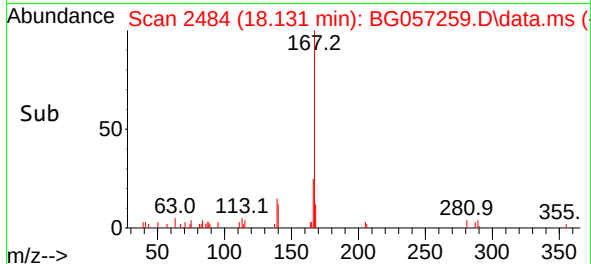
Instrument :
 BNA_G
 ClientSampleId :
 EW8Y4



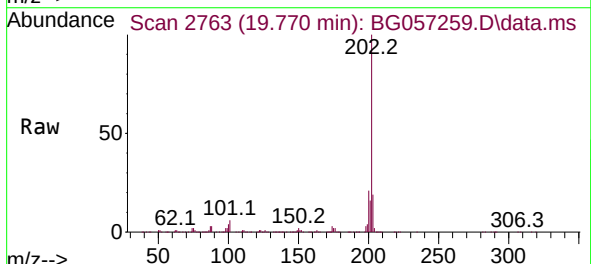
Tgt Ion:167 Resp: 1049
 Ion Ratio Lower Upper
 167 100
 166 25.3 18.0 27.0
 139 15.2 10.3 15.5

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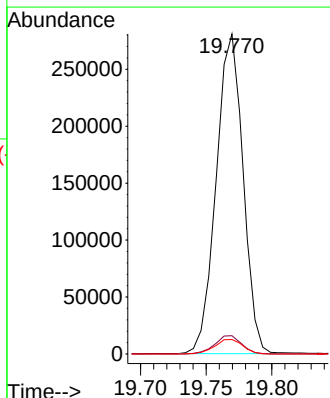
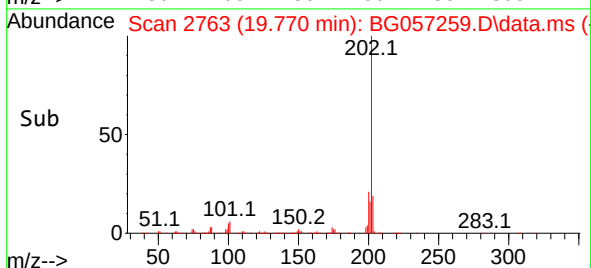
Reviewed By :Christian Giraldo 05/02/2023
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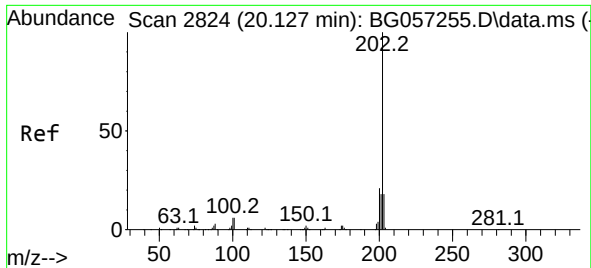


#80
 Fluoranthene
 Concen: 61.737 ng/ul
 RT: 19.770 min Scan# 2763
 Delta R.T. 0.004 min
 Lab File: BG057259.D
 Acq: 1 May 2023 21:13



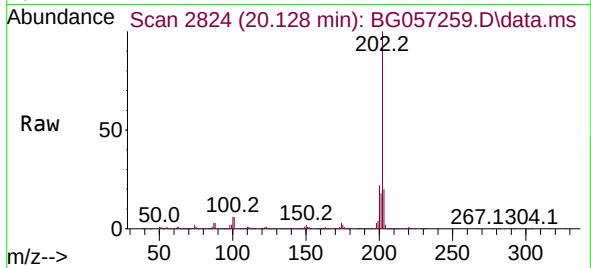
Tgt Ion:202 Resp: 399946
 Ion Ratio Lower Upper
 202 100
 101 5.7 5.8 8.6#
 100 4.5 4.6 7.0#





#82
 Pyrene
 Concen: 50.328 ng/ul
 RT: 20.128 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG057259.D
 Acq: 1 May 2023 21:13

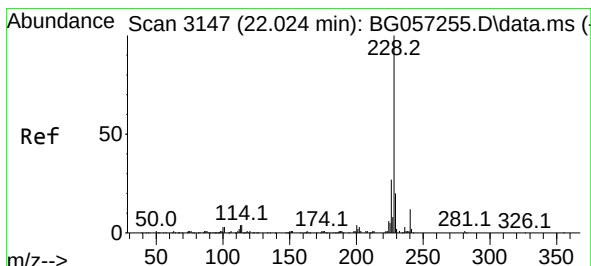
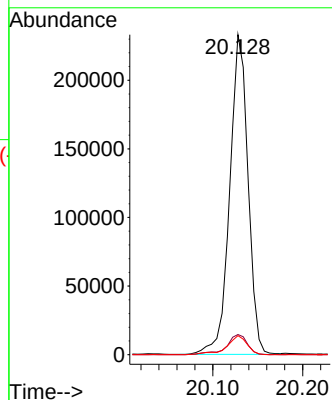
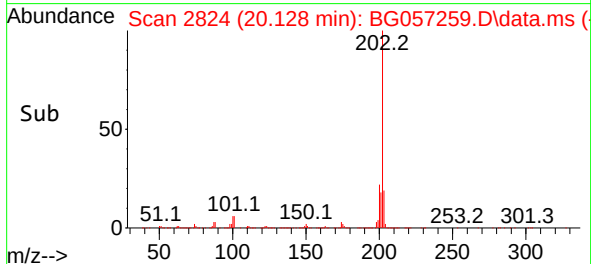
Instrument :
 BNA_G
 ClientSampleId :
 EW8Y4



Tgt Ion:202 Resp: 3305
 Ion Ratio Lower Upper
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 101 6.3 5.7 8.5
 100 6.0 6.0 9.0

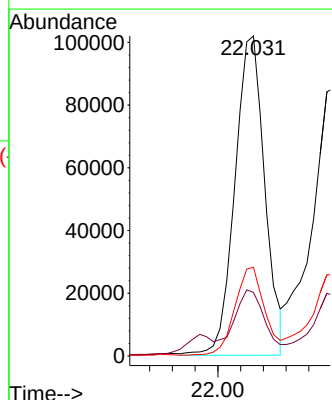
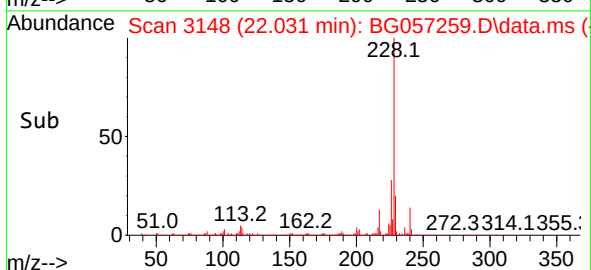
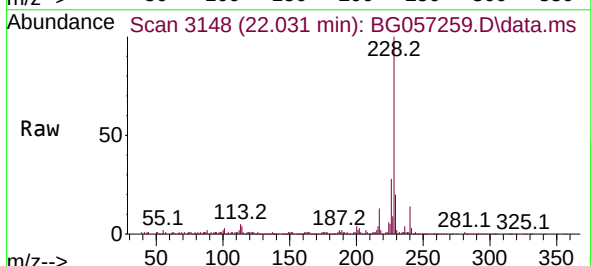
Manual Integrations
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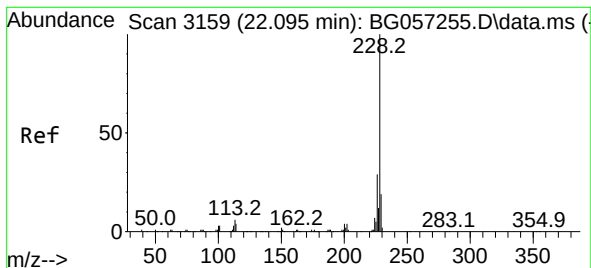
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#85
 Benzo(a)anthracene
 Concen: 28.573 ng/ul
 RT: 22.031 min Scan# 3148
 Delta R.T. 0.004 min
 Lab File: BG057259.D
 Acq: 1 May 2023 21:13

Tgt Ion:228 Resp: 185670
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.8 23.6
 226 27.7 21.7 32.5





#87

Chrysene

Concen: 28.629 ng/ul

RT: 22.102 min Scan# 3159

Delta R.T. 0.004 min

Lab File: BG057259.D

Acq: 1 May 2023 21:13

Instrument :

BNA_G

ClientSampleId :

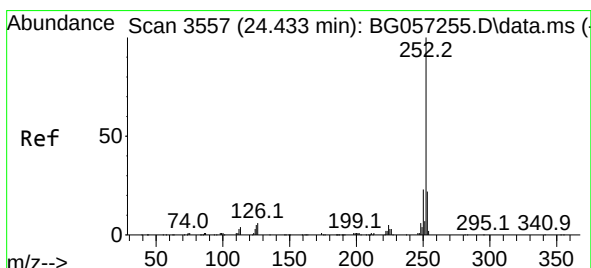
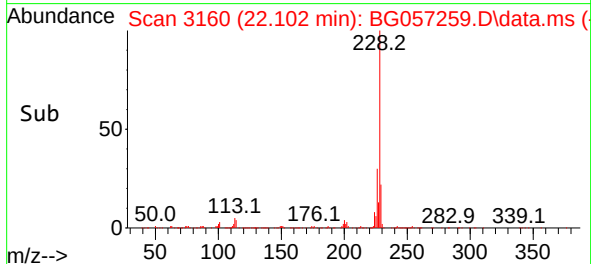
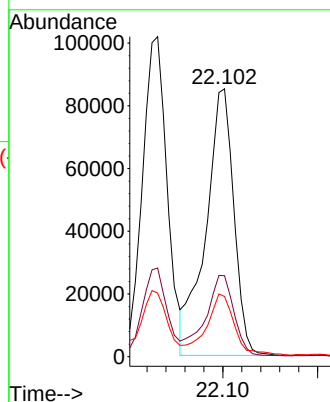
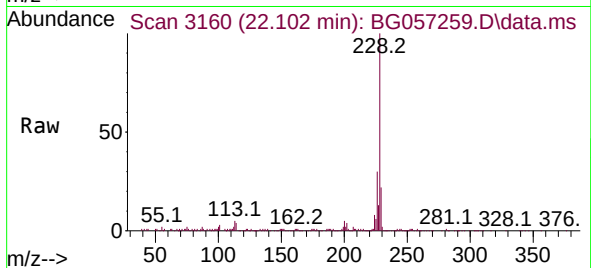
EW8Y4

Tgt Ion:228 Resp: 175515
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.8 34.2
 229 22.5 15.5 23.3

Manual Integrations

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 Supervised By :Jagrut Upadhyay 05/02/2023



#90

Benzo(b)fluoranthene

Concen: 34.605 ng/ul

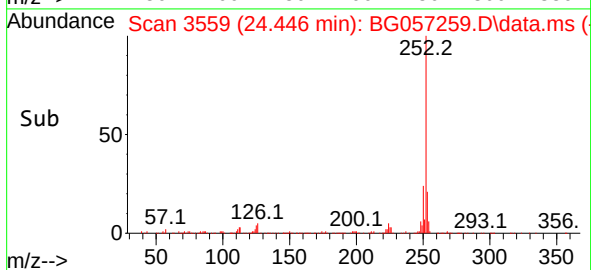
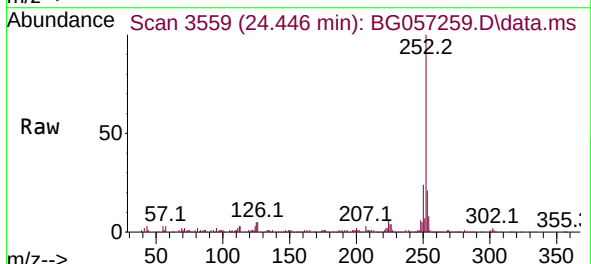
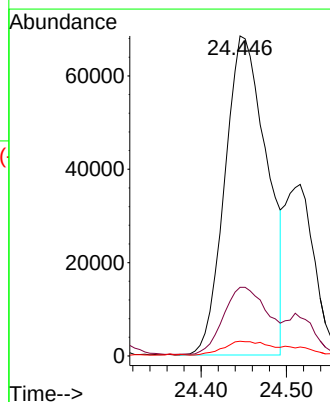
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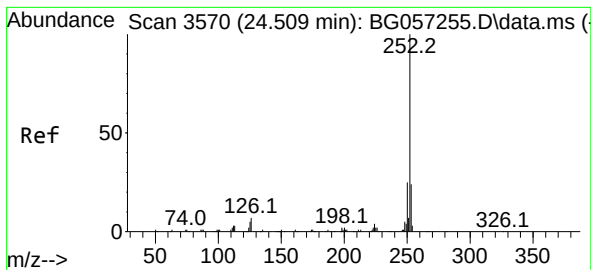
Delta R.T. 0.010 min

Lab File: BG057259.D

Acq: 1 May 2023 21:13

Tgt Ion:252 Resp: 234526
 Ion Ratio Lower Upper
 252 100
 253 21.4 16.7 25.1
 125 4.6 4.8 7.2#





#91

Benzo(k)fluoranthene

Concen: 13.214 ng/ul m

RT: 24.516 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG057259.D

Acq: 1 May 2023 21:13

Instrument :

BNA_G

ClientSampleId :

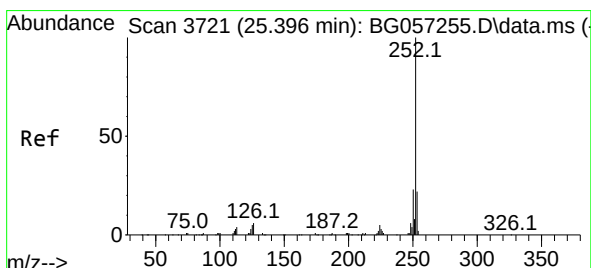
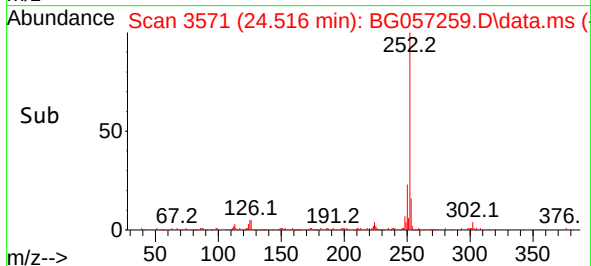
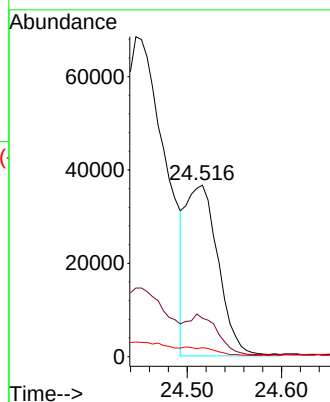
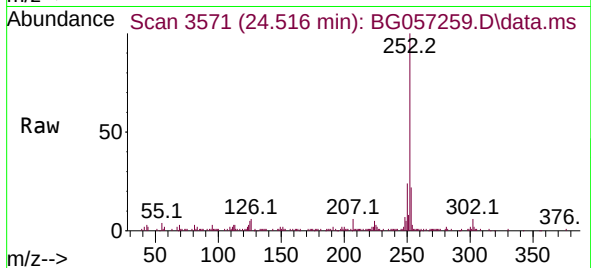
EW8Y4

Tgt Ion:	252	Resp:	8712
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	5.2	4.5	6.7

Manual Integrations

APPROVED

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



#93

Benzo(a)pyrene

Concen: 28.010 ng/ul m

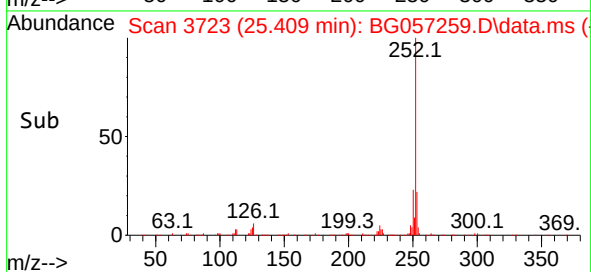
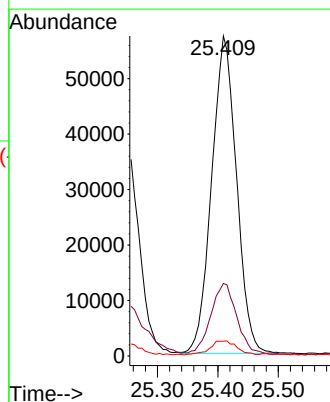
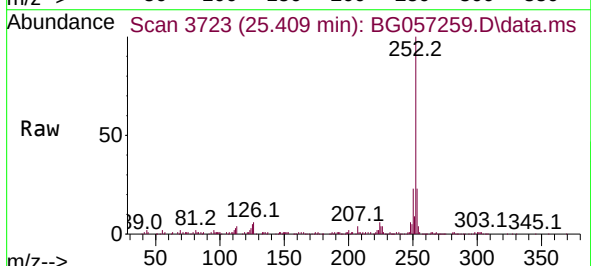
RT: 25.409 min Scan# 3723

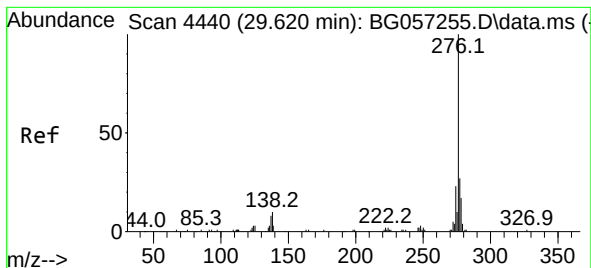
Delta R.T. 0.010 min

Lab File: BG057259.D

Acq: 1 May 2023 21:13

Tgt Ion:	252	Resp:	163888
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	4.6	5.1	7.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.015 ng/ul m

RT: 29.644 min Scan# 4444

Delta R.T. 0.021 min

Lab File: BG057259.D

Acq: 1 May 2023 21:13

Instrument :

BNA_G

ClientSampleId :

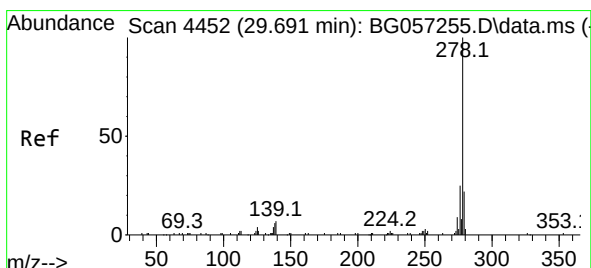
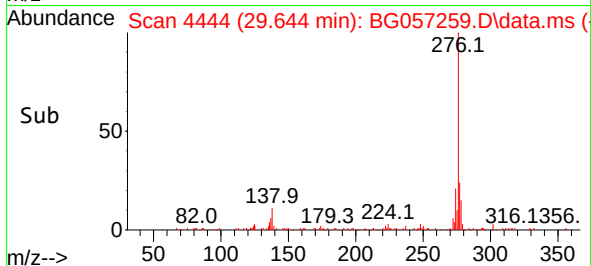
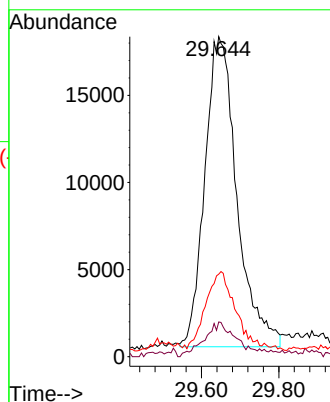
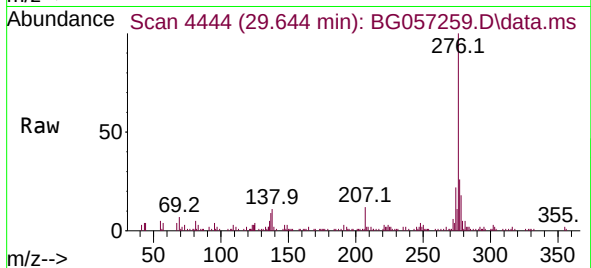
EW8Y4

Tgt Ion:276 Resp: 102504
 Ion Ratio Lower Upper
 276 100
 138 10.9 9.4 14.2
 277 25.8 18.6 28.0

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 4.223 ng/ul m

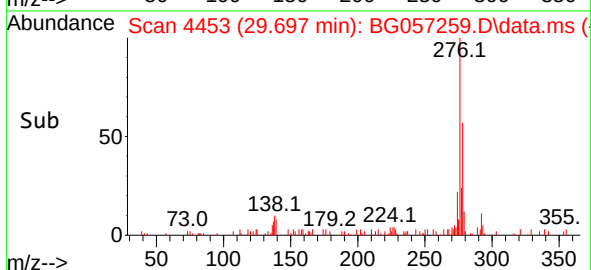
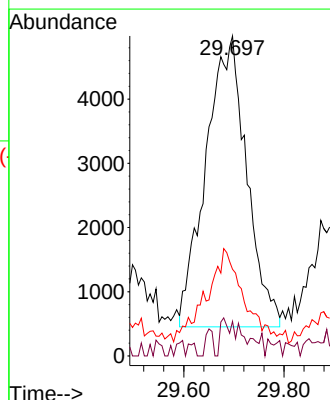
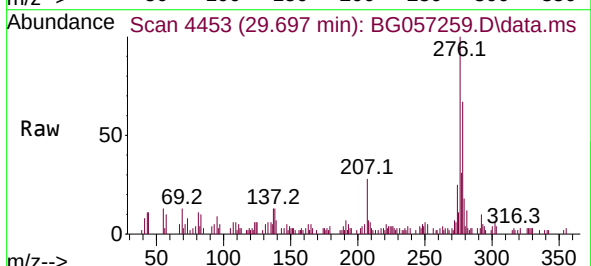
RT: 29.697 min Scan# 4453

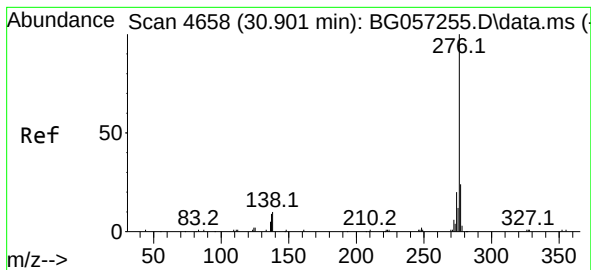
Delta R.T. 0.004 min

Lab File: BG057259.D

Acq: 1 May 2023 21:13

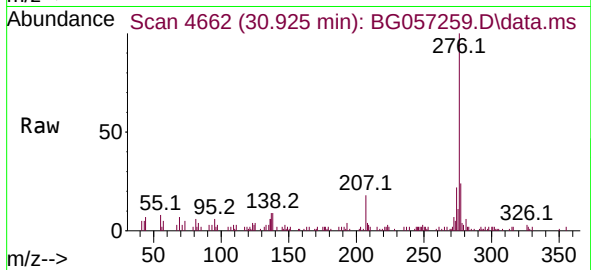
Tgt Ion:278 Resp: 25609
 Ion Ratio Lower Upper
 278 100
 139 10.8 5.8 8.6#
 279 27.1 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 13.814 ng/ul m
 RT: 30.925 min Scan# 4
 Delta R.T. 0.016 min
 Lab File: BG057259.D
 Acq: 1 May 2023 21:13

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y4



Tgt Ion:276 Resp: 81760
 Ion Ratio Lower Upper
 276 100
 138 9.4 8.7 13.1
 277 23.7 18.4 27.6

Manual Integrations
 APPROVED

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

