

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061459.D
 Acq On : 4 Jun 2024 17:34
 Operator : MA/JU
 Sample : P2590-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 04 18:09:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	27134	20.000	ng/u1	0.00
20) Naphthalene-d8	10.673	136	109713	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	87884	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	208000	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	221520	20.000	ng/u1	0.01
88) Perylene-d12	24.621	264	258451	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1663	3.430	ng/uL	0.00
4) Pyridine-d5	3.740	84	9177	5.320	ng/u1	0.00
7) Phenol-d5	7.065	99	32386	14.534	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	20950	14.958	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	26560	16.106	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	21761	11.453	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	14477	17.138	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	16227	16.414	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	32452	16.838	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	12477	4.948	ng/u1	0.01
46) Dimethylphthalate-d6	13.922	166	117072	17.176	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	120709	17.034	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	8773	10.411	ng/u1	0.03
60) Fluorene-d10	15.508	176	101432	17.236	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	12715	10.107	ng/u1	0.02
73) Anthracene-d10	17.365	188	163938	17.877	ng/u1	0.00
81) Pyrene-d10	19.656	212	210475	18.505	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.410	264	231310	18.616	ng/u1	0.02
Target Compounds					Qvalue	
52) Acenaphthene	14.574	153	10890	2.113	ng/u1	94
56) Dibenzofuran	14.915	168	12404	1.683	ng/u1	97
61) Fluorene	15.561	166	18131	2.843	ng/u1	92
72) Phenanthrene	17.306	178	322247	31.920	ng/u1	99
74) Anthracene	17.400	178	68114	6.525	ng/u1	96
77) Carbazole	17.670	167	29702	3.498	ng/u1	96
80) Fluoranthene	19.327	202	513812	37.657	ng/u1	99
82) Pyrene	19.692	202	429532	30.327	ng/u1	97
85) Benzo(a)anthracene	21.501	228	274816	17.979	ng/u1	99
87) Chrysene	21.566	228	242506	17.231	ng/u1	95
90) Benzo(b)fluoranthene	23.646	252	282225	18.341	ng/u1	97
91) Benzo(k)fluoranthene	23.699	252	111306m	7.125	ng/u1	
93) Benzo(a)pyrene	24.474	252	215713	14.763	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.135	276	131311	7.431	ng/u1	97
95) Dibenzo(a,h)anthracene	28.164	278	39469m	2.709	ng/u1	
96) Benzo(g,h,i)perylene	29.227	276	108529m	7.720	ng/u1	

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

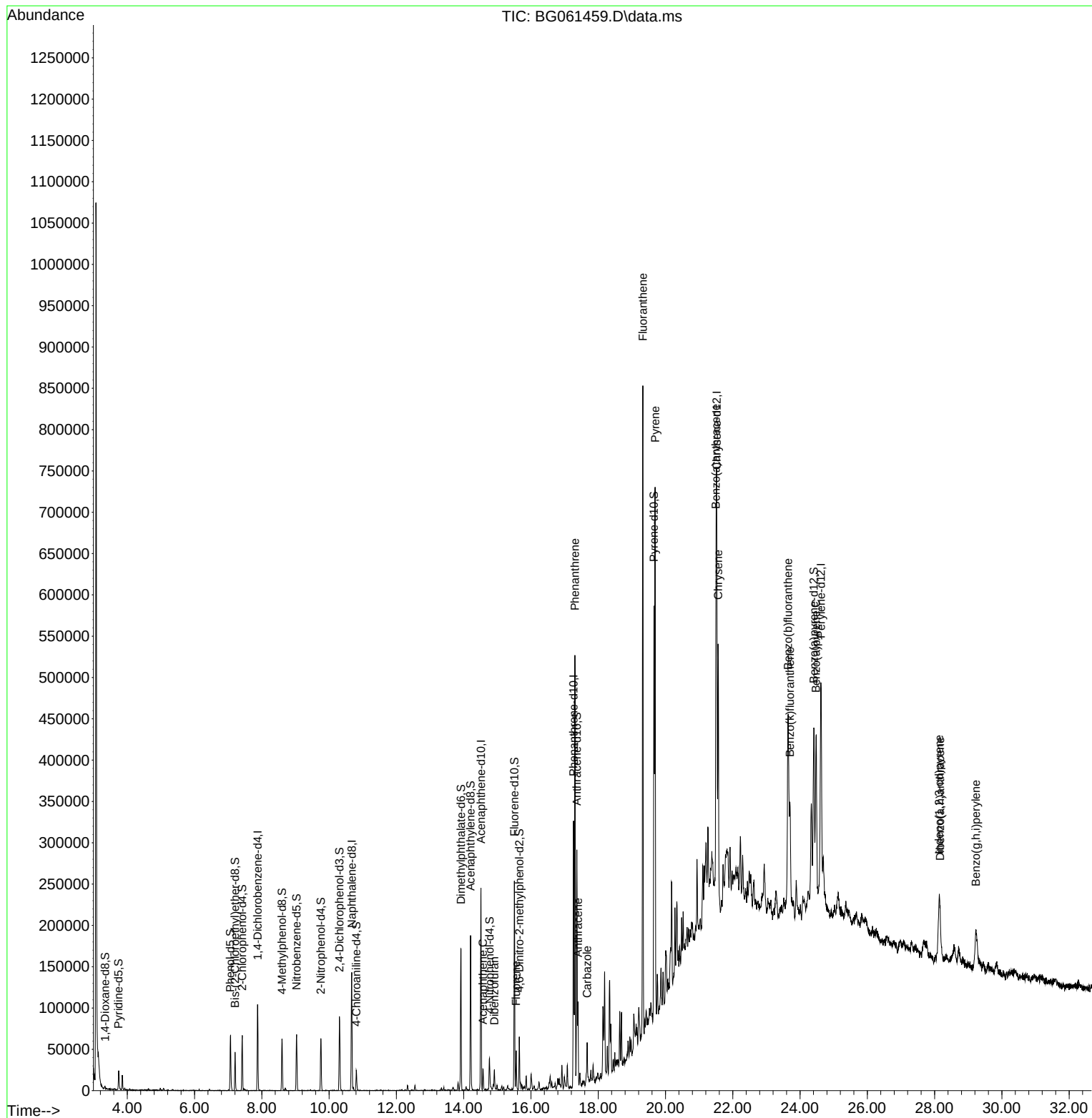
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061459.D
 Acq On : 4 Jun 2024 17:34
 Operator : MA/JU
 Sample : P2590-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

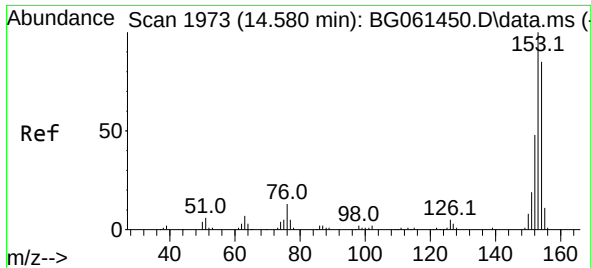
Instrument :
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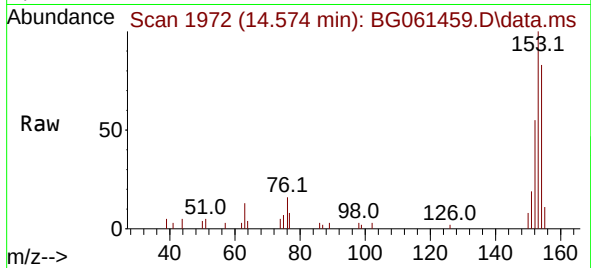
Quant Time: Jun 04 18:09:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration





#52
Acenaphthene
Concen: 2.113 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34

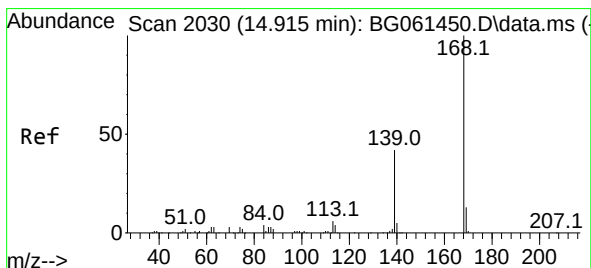
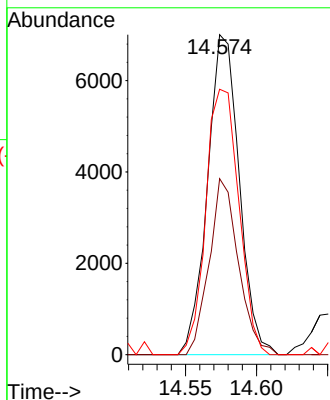
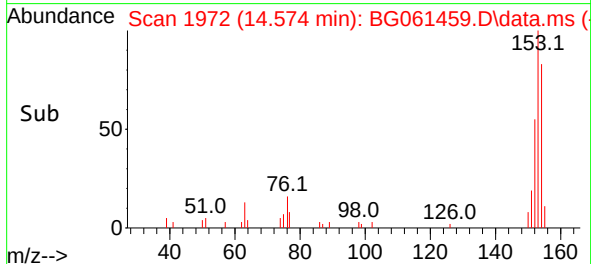
Instrument :
BNA_G
ClientSampleId :
BHBM1



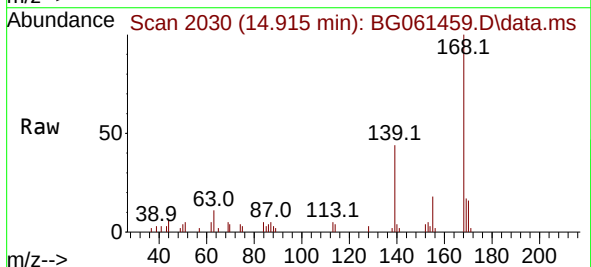
Tgt Ion:153 Resp: 10890
Ion Ratio Lower Upper
153 100
152 55.0 37.8 56.8
154 82.9 69.0 103.6

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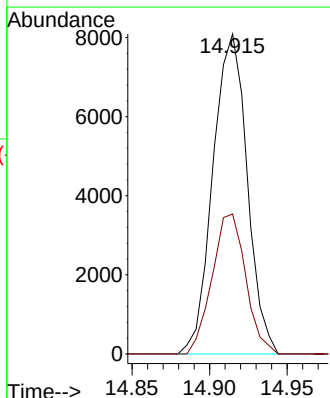
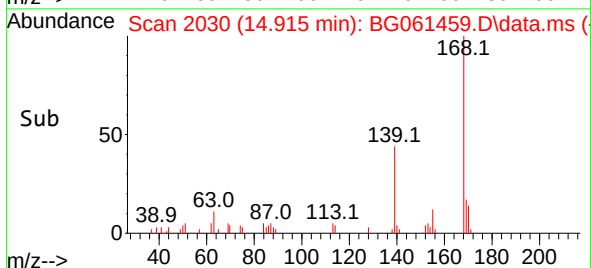
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

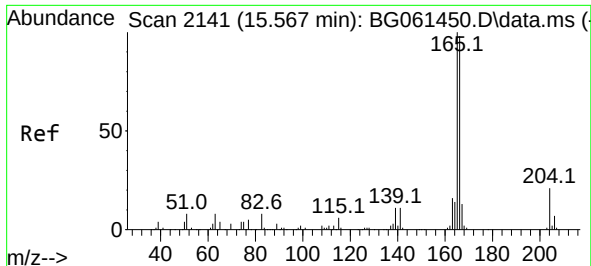


#56
Dibenzofuran
Concen: 1.683 ng/ul
RT: 14.915 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34



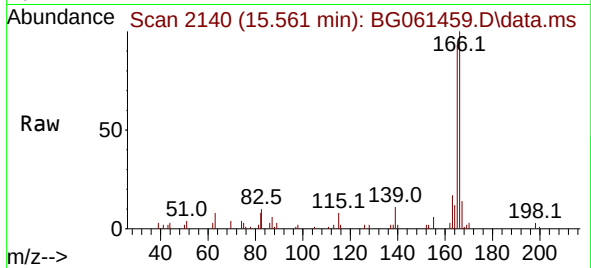
Tgt Ion:168 Resp: 12404
Ion Ratio Lower Upper
168 100
139 43.8 33.4 50.2





#61
Fluorene
Concen: 2.843 ng/ul
RT: 15.561 min Scan# 2141
Delta R.T. 0.001 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34

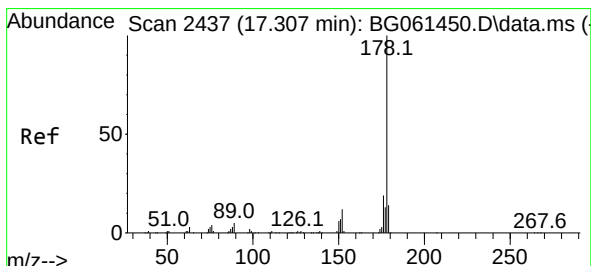
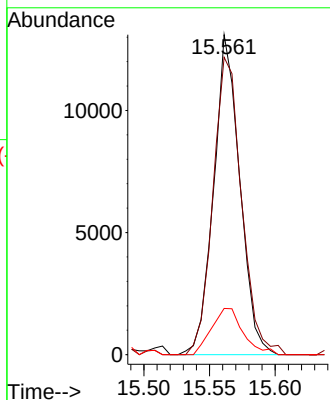
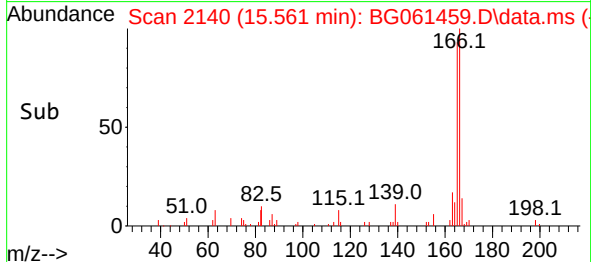
Instrument :
BNA_G
ClientSampleId :
BHBM1



Tgt Ion:166 Resp: 1813
Ion Ratio Lower Upper
166 100
165 93.0 81.8 122.8
167 14.4 10.6 16.0

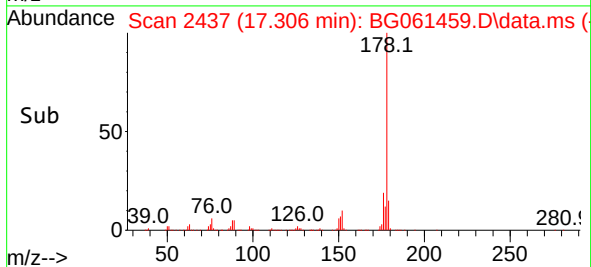
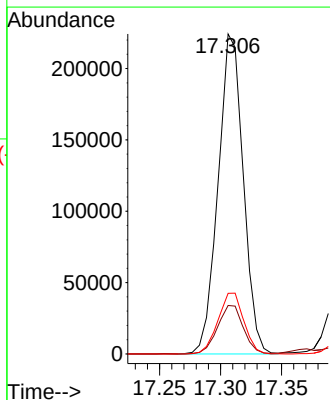
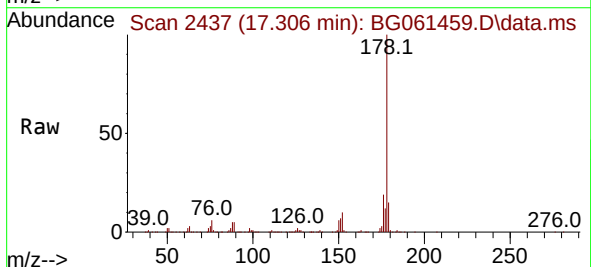
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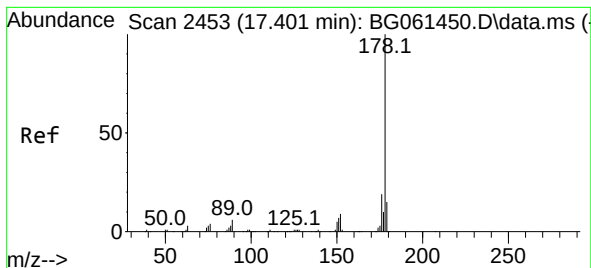
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#72
Phenanthrene
Concen: 31.920 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34

Tgt Ion:178 Resp: 322247
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.0 15.5 23.3





#74

Anthracene

Concen: 6.525 ng/u1

RT: 17.400 min Scan# 2453

Delta R.T. 0.007 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

Instrument :

BNA_G

ClientSampleId :

BHBM1

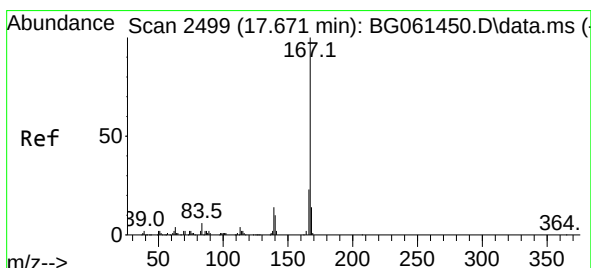
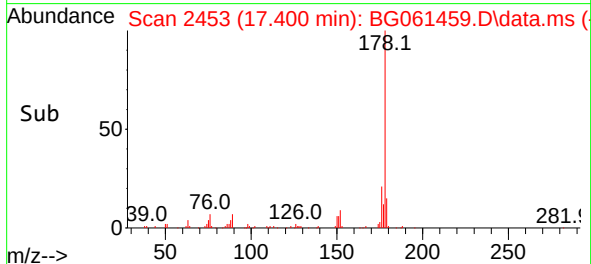
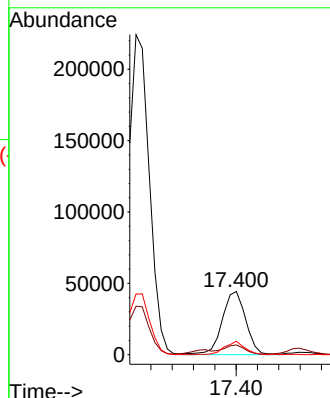
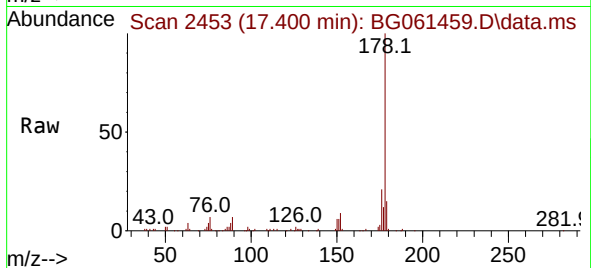
Tgt Ion:178 Resp: 68114

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.6
176	21.4	14.9	22.3

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Reviewed By :Jagrut Upadhyay 06/05/2024
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#77

Carbazole

Concen: 3.498 ng/u1

RT: 17.670 min Scan# 2499

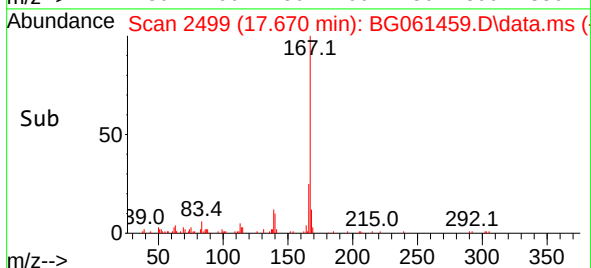
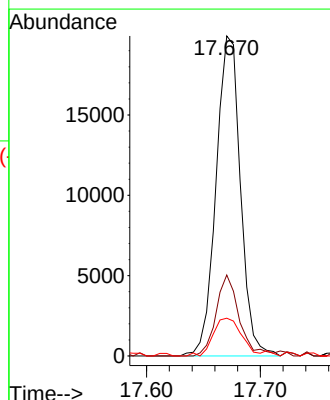
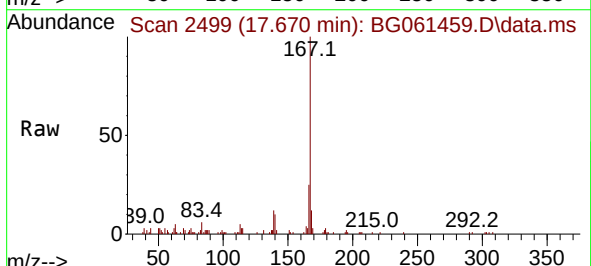
Delta R.T. 0.007 min

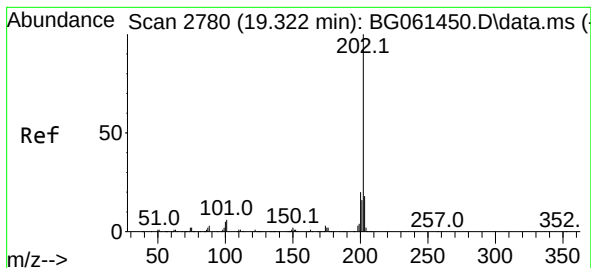
Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

Tgt Ion:167 Resp: 29702

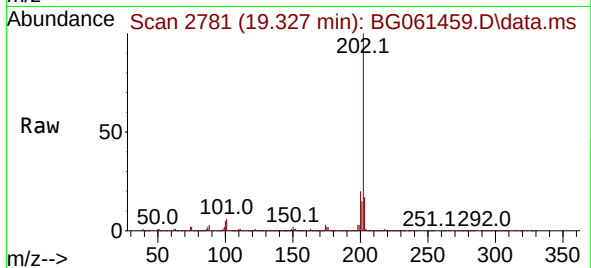
Ion	Ratio	Lower	Upper
167	100		
166	25.3	18.6	28.0
139	11.8	10.6	15.8





#80
Fluoranthene
Concen: 37.657 ng/ul
RT: 19.327 min Scan# 21
Delta R.T. 0.013 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34

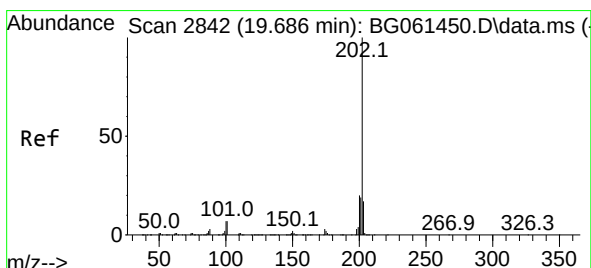
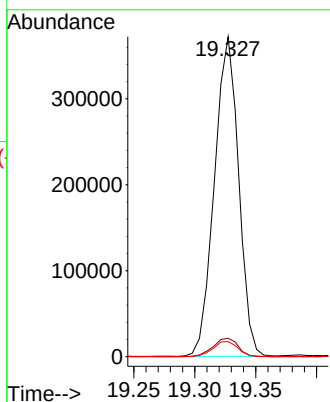
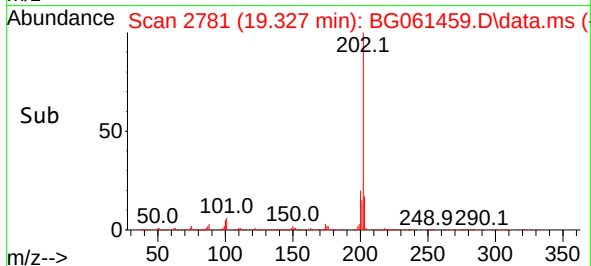
Instrument :
BNA_G
ClientSampleId :
BHBM1



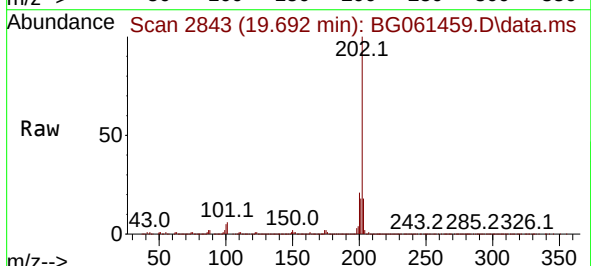
Tgt Ion:202 Resp: 51381
Ion Ratio Lower Upper
202 100
101 5.7 4.8 7.2
100 4.7 4.1 6.1

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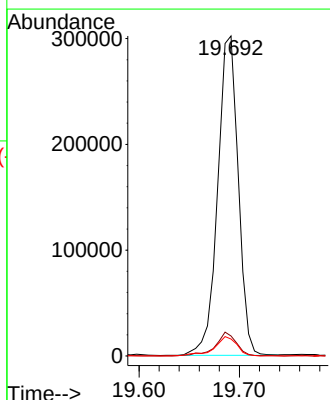
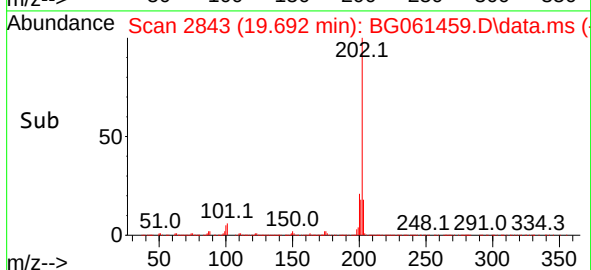
Reviewed By :Jagrut Upadhyay 06/05/2024
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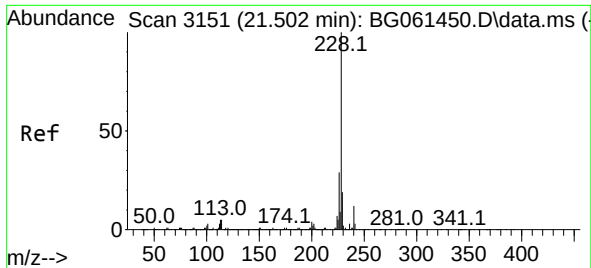


#82
Pyrene
Concen: 30.327 ng/ul
RT: 19.692 min Scan# 2843
Delta R.T. 0.013 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34



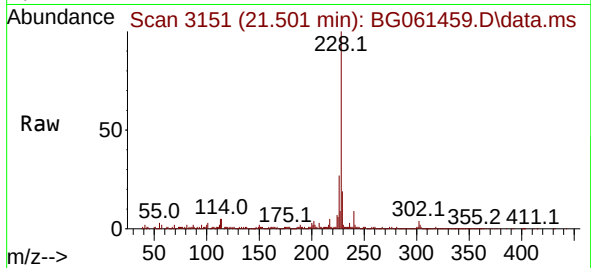
Tgt Ion:202 Resp: 429532
Ion Ratio Lower Upper
202 100
101 6.3 5.7 8.5
100 5.3 5.1 7.7





#85
Benzo(a)anthracene
Concen: 17.979 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. 0.007 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34

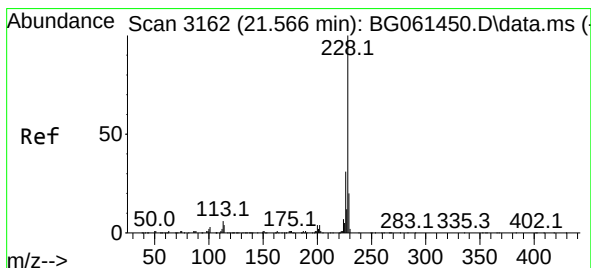
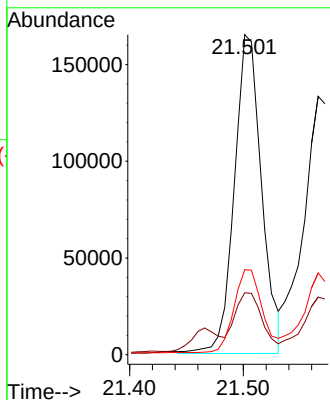
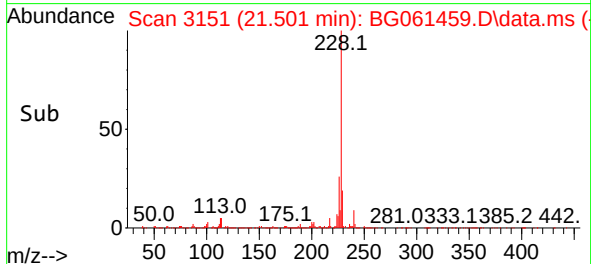
Instrument :
BNA_G
ClientSampleId :
BHBM1



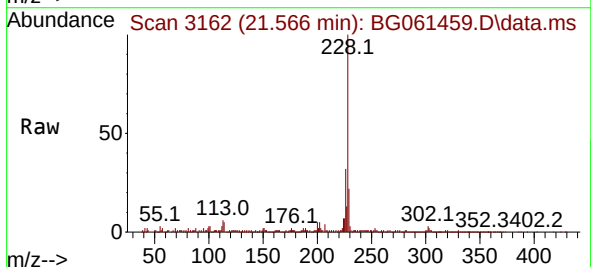
Tgt Ion:228 Resp: 274810
Ion Ratio Lower Upper
228 100
229 19.3 15.2 22.8
226 26.6 21.4 32.2

Manual Integrations
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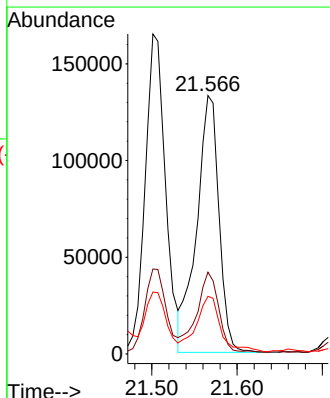
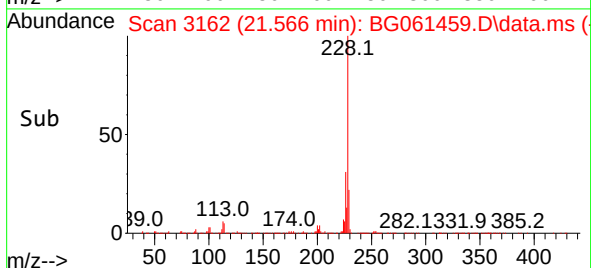
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

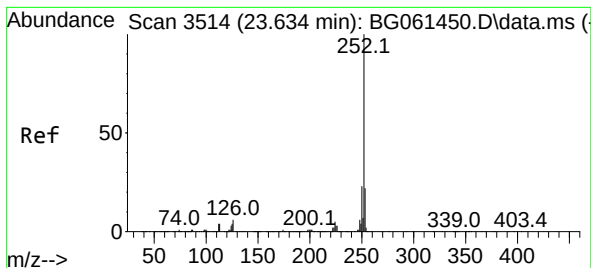


#87
Chrysene
Concen: 17.231 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. 0.013 min
Lab File: BG061459.D
Acq: 4 Jun 2024 17:34



Tgt Ion:228 Resp: 242506
Ion Ratio Lower Upper
228 100
226 31.6 23.4 35.0
229 22.3 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 18.341 ng/ul

RT: 23.646 min Scan# 3516

Delta R.T. 0.030 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

Instrument :

BNA_G

ClientSampleId :

BHBM1

Tgt Ion:252 Resp: 282225

Ion Ratio Lower Upper

252 100

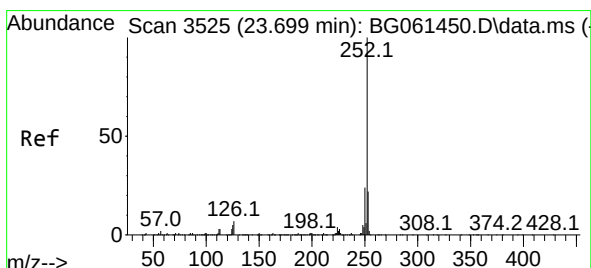
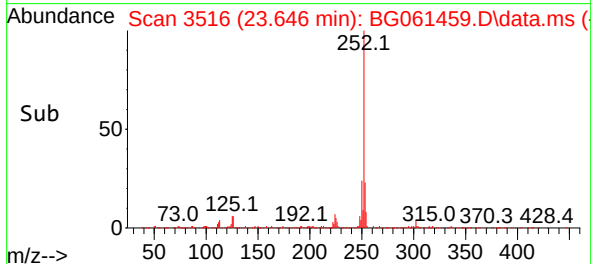
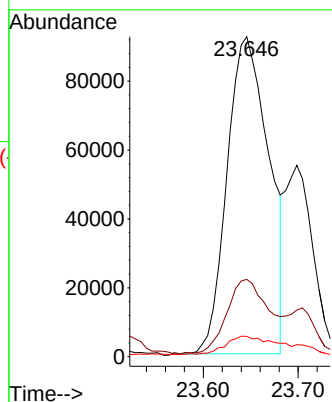
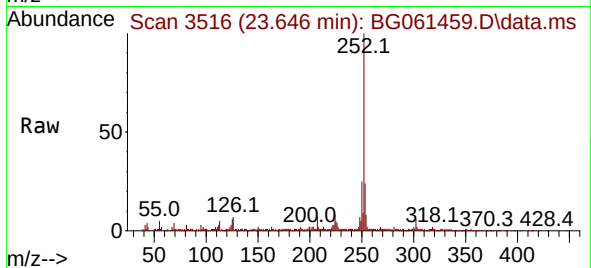
253 24.1 17.8 26.8

125 6.4 4.6 6.8

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 7.125 ng/ul m

RT: 23.699 min Scan# 3525

Delta R.T. 0.018 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

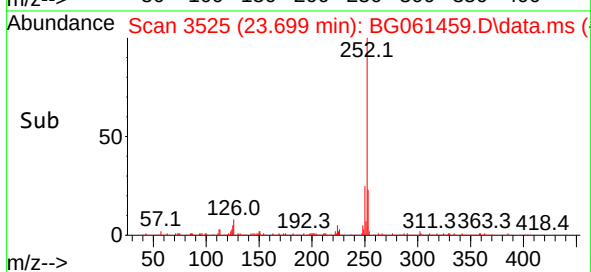
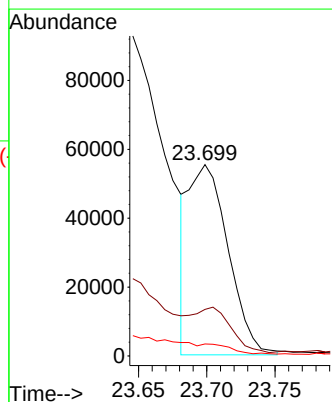
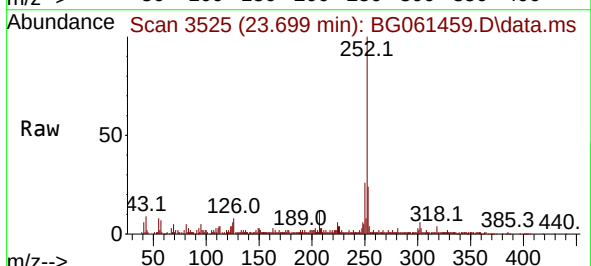
Tgt Ion:252 Resp: 111306

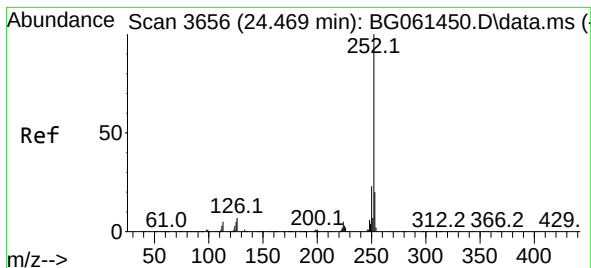
Ion Ratio Lower Upper

252 100

253 24.3 16.0 24.0#

125 6.2 4.3 6.5





#93

Benzo(a)pyrene

Concen: 14.763 ng/u1

RT: 24.474 min Scan# 30

Delta R.T. 0.024 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

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BNA_G

ClientSampleId :

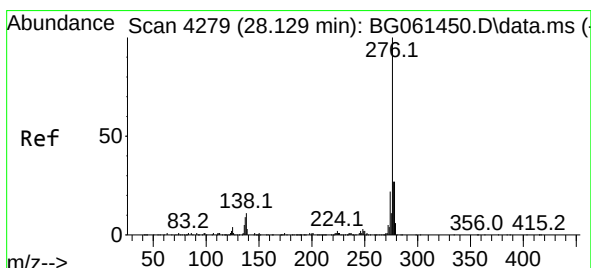
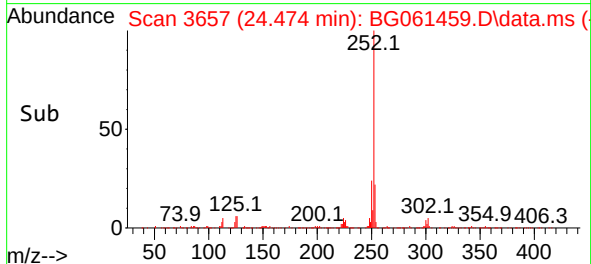
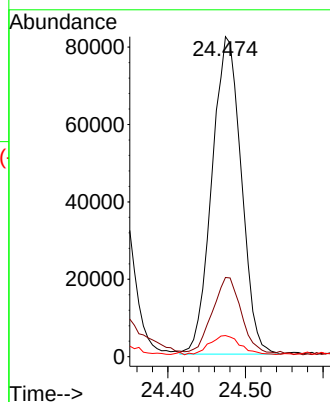
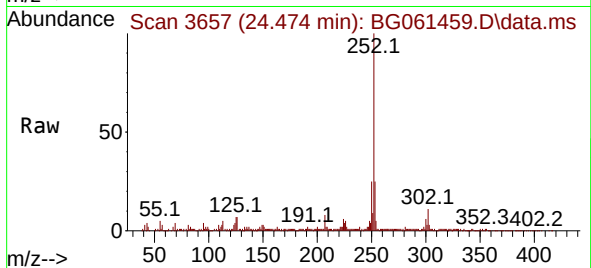
BHBM1

Tgt Ion:252 Resp: 215711
 Ion Ratio Lower Upper
 252 100
 253 24.8 16.4 24.6
 125 6.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.431 ng/u1

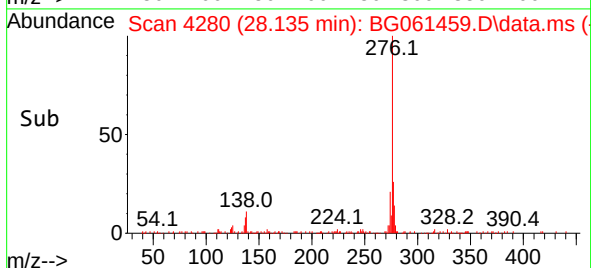
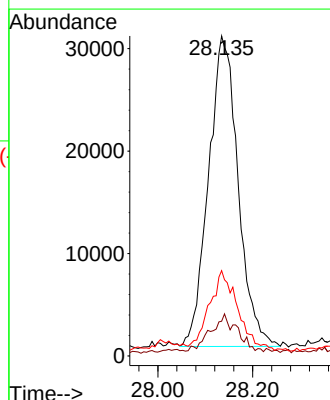
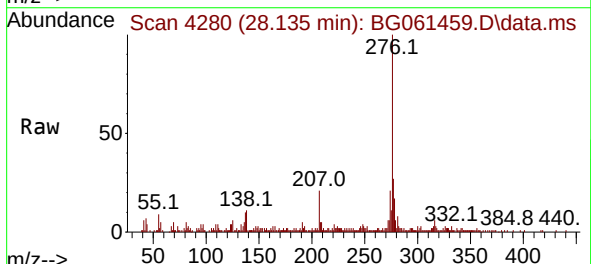
RT: 28.135 min Scan# 4280

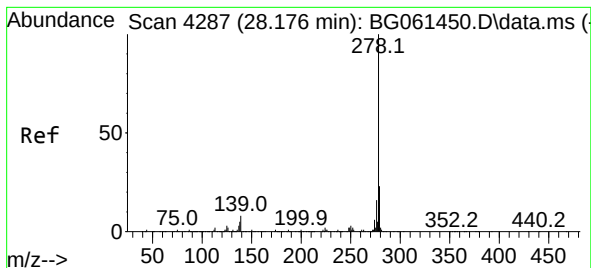
Delta R.T. 0.042 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

Tgt Ion:276 Resp: 131311
 Ion Ratio Lower Upper
 276 100
 138 10.9 8.6 13.0
 277 26.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 2.709 ng/ul m

RT: 28.164 min Scan# 4285

Delta R.T. 0.024 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

Instrument :

BNA_G

ClientSampleId :

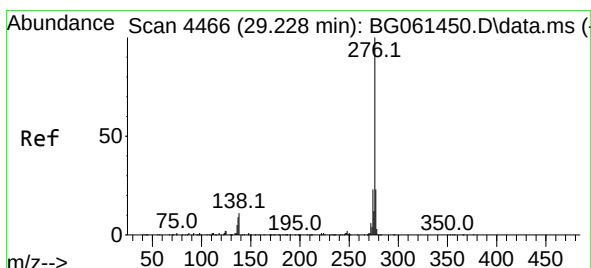
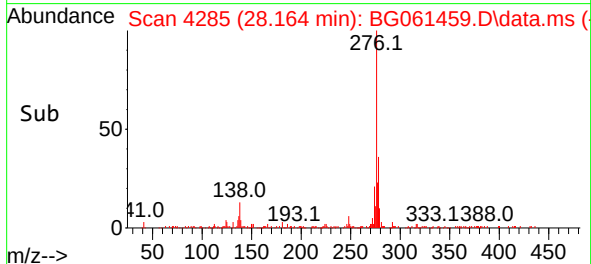
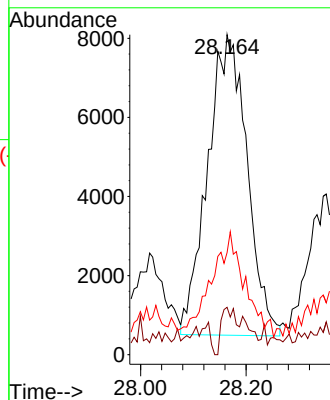
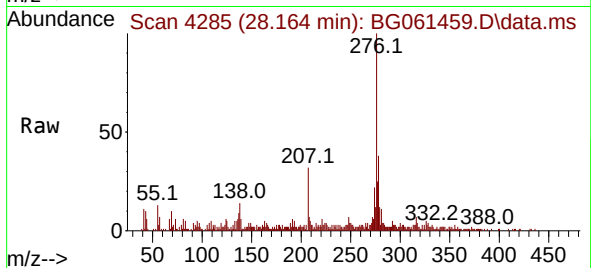
BHBM1

Tgt Ion:	278	Resp:	39469
Ion Ratio	Lower	Upper	
278	100		
139	14.8	6.4	9.6
279	31.9	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#96

Benzo(g,h,i)perylene

Concen: 7.720 ng/ul m

RT: 29.227 min Scan# 4466

Delta R.T. 0.054 min

Lab File: BG061459.D

Acq: 4 Jun 2024 17:34

Tgt Ion:	276	Resp:	108529
Ion Ratio	Lower	Upper	
276	100		
138	11.7	8.7	13.1
277	22.2	18.2	27.2

