

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059759.D
 Acq On : 18 Nov 2023 11:11
 Operator : MA/JU
 Sample : 05384-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-11102023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 04:41:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	25463	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	124523	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	82839	20.000	ng	# 0.00
64) Phenanthrene-d10	17.721	188	218916	20.000	ng	0.00
76) Chrysene-d12	22.045	240	194162	20.000	ng	# 0.00
86) Perylene-d12	25.647	264	225099	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	120546	79.682	ng	0.00
7) Phenol-d6	7.462	99	118599	52.902	ng	0.00
23) Nitrobenzene-d5	9.536	82	105217	32.271	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	73677	78.387	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	315300	51.233	ng	0.00
79) Terphenyl-d14	20.294	244	474876	36.106	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.754	202	42868	3.212	ng	70
78) Pyrene	20.118	202	45918m	3.476	ng	
81) Benzo(a)anthracene	22.027	228	36134	2.720	ng	# 91
83) Chrysene	22.098	228	32713m	2.686	ng	
88) Benzo(b)fluoranthene	24.472	252	56913	4.613	ng	# 97
90) Benzo(a)pyrene	25.465	252	41531	3.154	ng	# 95

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

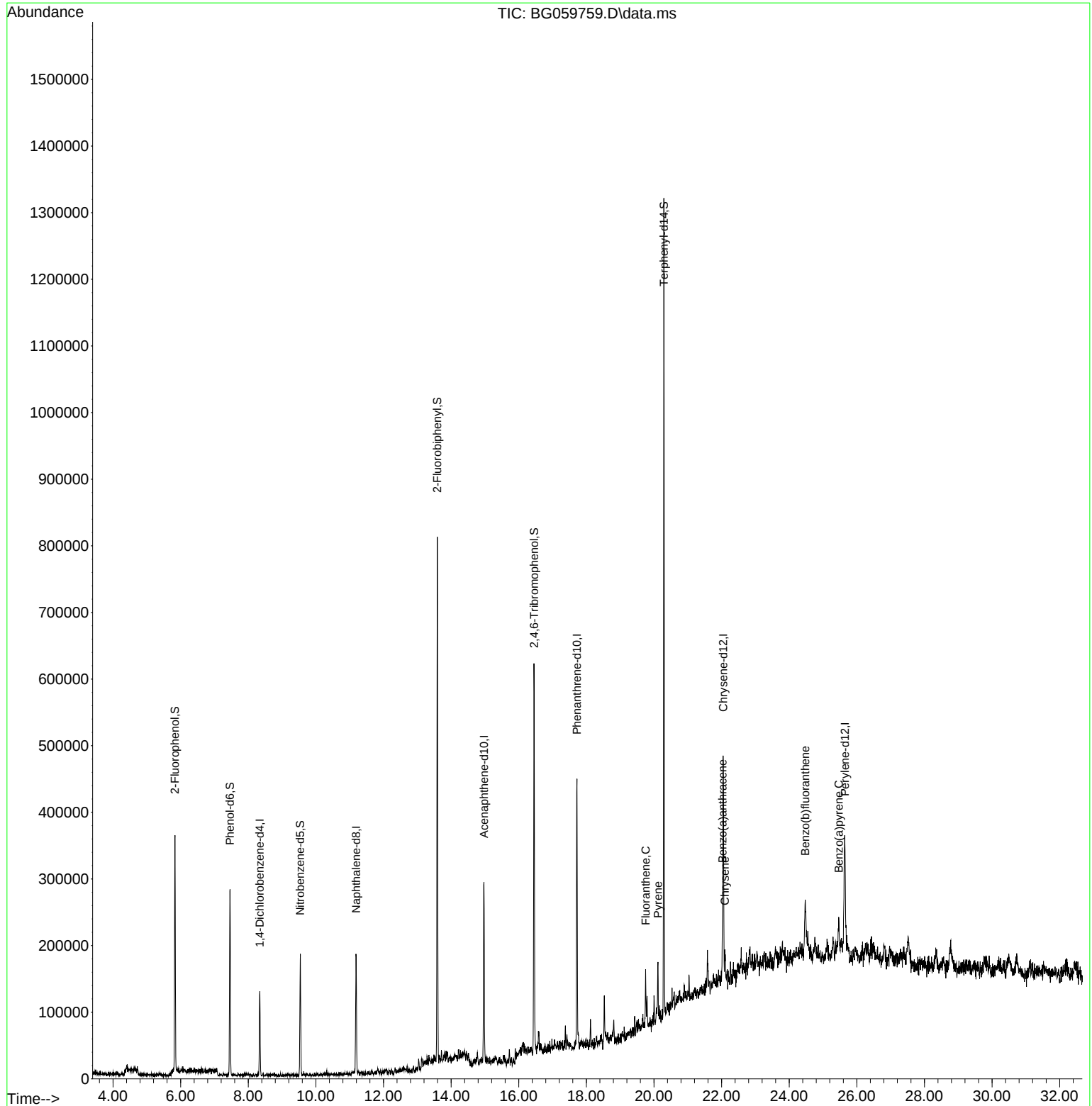
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059759.D
Acq On : 18 Nov 2023 11:11
Operator : MA/JU
Sample : 05384-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

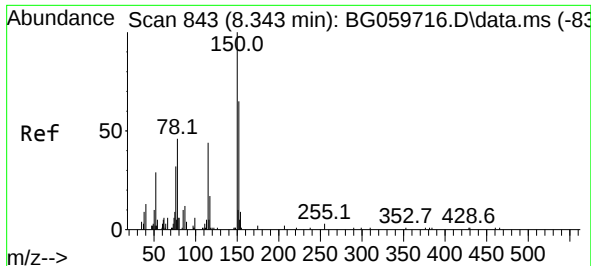
Instrument :
BNA_G
ClientSampleId :
EO-03-11102023

Quant Time: Nov 20 04:41:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 843
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :

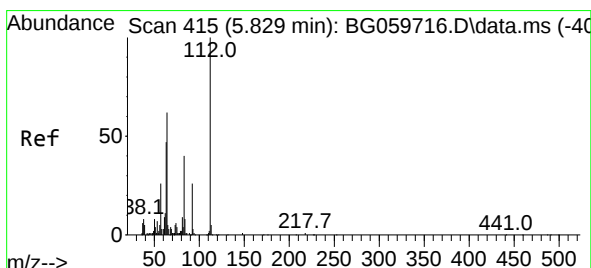
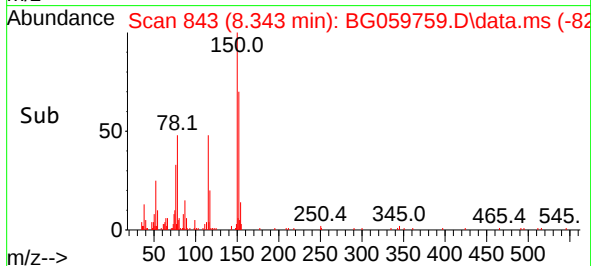
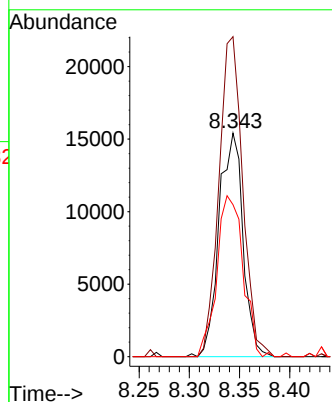
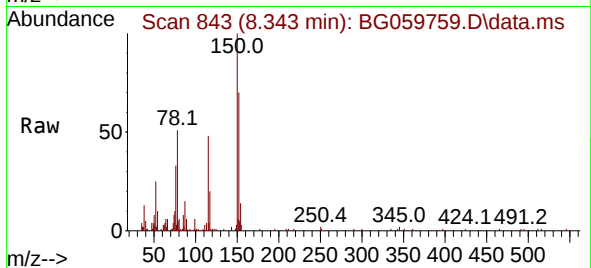
EO-03-11102023

Tgt Ion:152 Resp: 2546
Ion Ratio Lower Upper
152 100
150 143.1 122.2 183.4
115 68.0 54.2 81.4

Manual Integrations

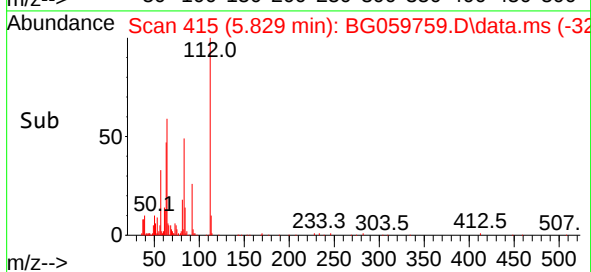
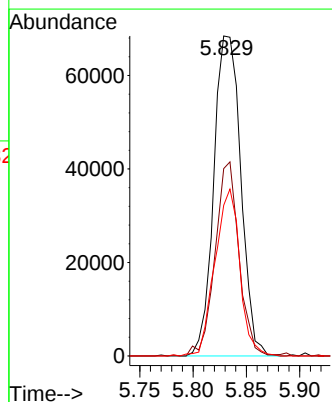
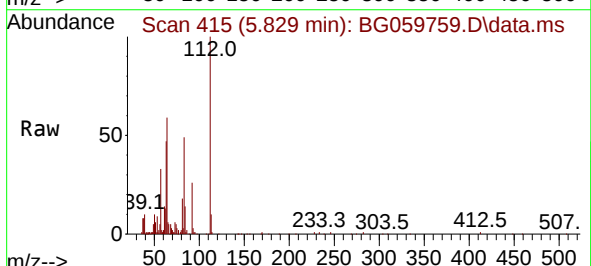
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#5
2-Fluorophenol
Concen: 79.682 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

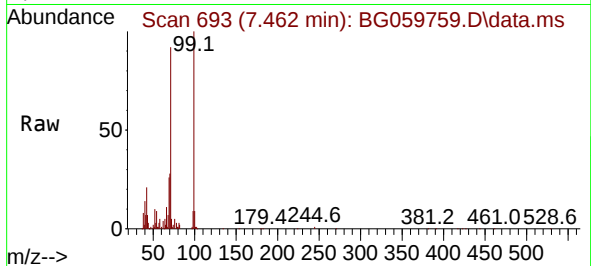
Tgt Ion:112 Resp: 120546
Ion Ratio Lower Upper
112 100
64 58.5 49.5 74.3
63 47.1 37.4 56.2





#7
Phenol-d6
Concen: 52.902 ng
RT: 7.462 min Scan# 693
Delta R.T. 0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

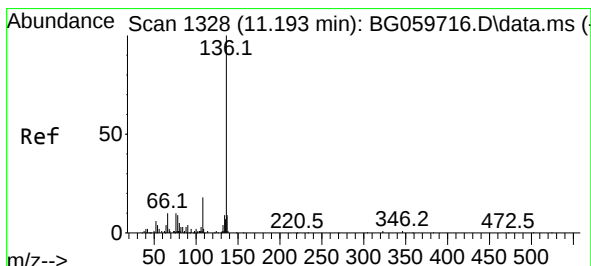
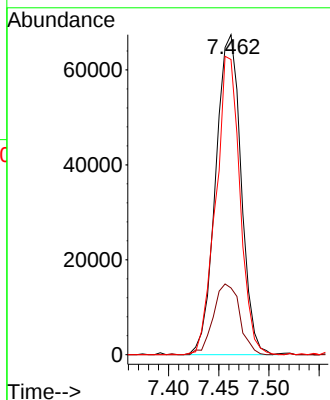
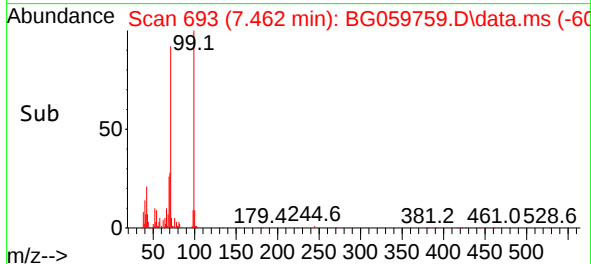
Instrument :
BNA_G
ClientSampleId :
EO-03-11102023



Tgt Ion: 99 Resp: 118599
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 92.3 59.3 88.9

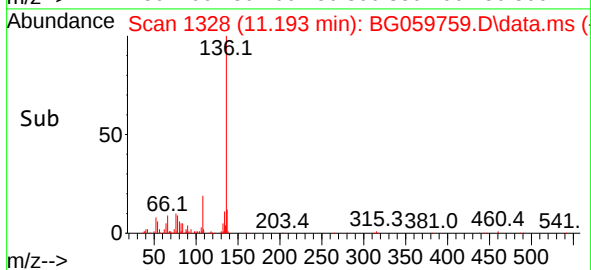
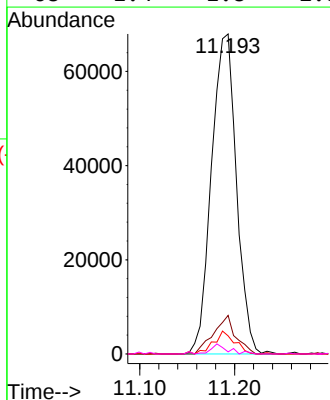
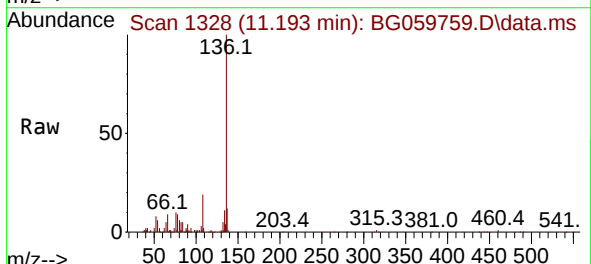
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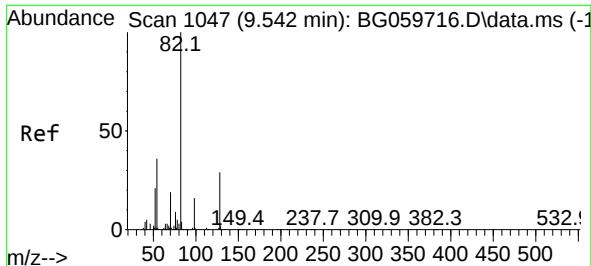
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Tgt Ion:136 Resp: 124523
Ion Ratio Lower Upper
136 100
137 12.1 7.4 11.0#
54 5.7 3.1 4.7#
68 1.4 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 32.271 ng

RT: 9.536 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :

EO-03-11102023

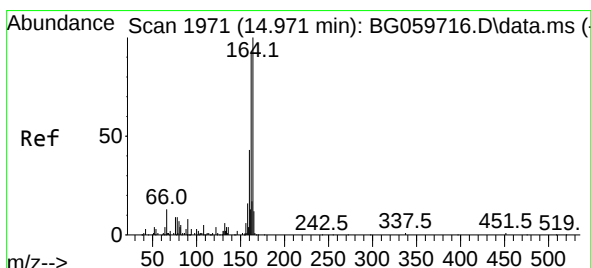
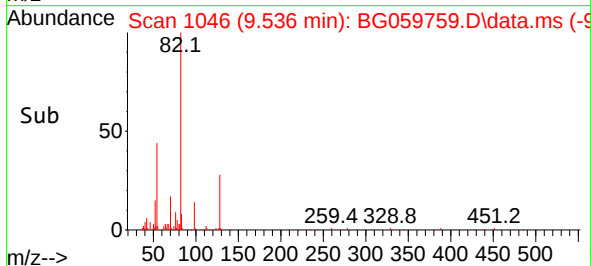
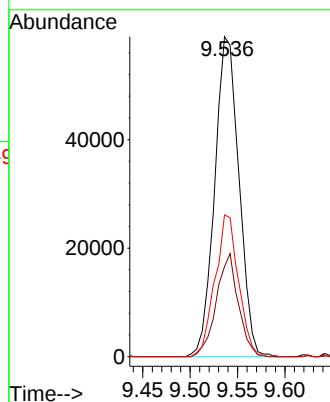
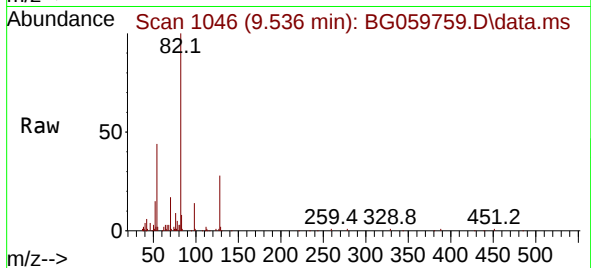
Tgt Ion: 82	Resp: 10521
Ion Ratio	Lower Upper
82	100
128	28.2 23.0 34.6
54	44.3 28.7 43.1

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Supervised By :mohammad ahmed 11/21/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

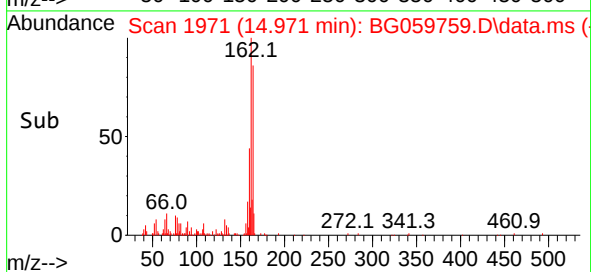
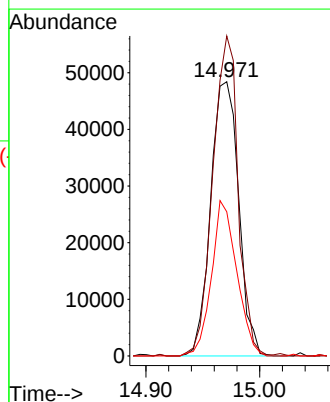
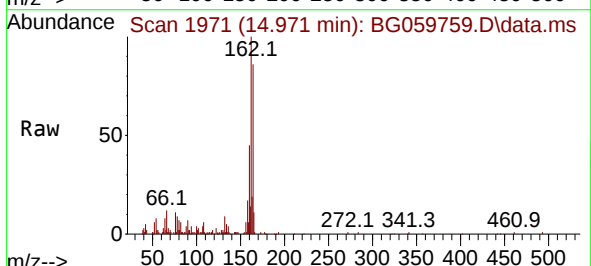
RT: 14.971 min Scan# 1971

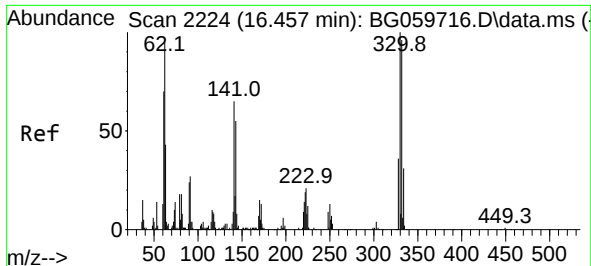
Delta R.T. 0.000 min

Lab File: BG059759.D

Acq: 18 Nov 2023 11:11

Tgt Ion:164	Resp: 82839
Ion Ratio	Lower Upper
164	100
162	116.7 73.3 109.9#
160	52.5 34.1 51.1#





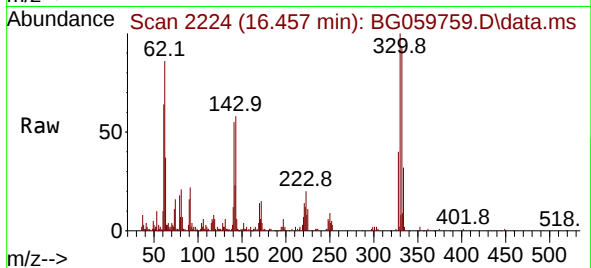
#42
2,4,6-Tribromophenol
Concen: 78.387 ng
RT: 16.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

Instrument :

BNA_G

ClientSampleId :

EO-03-11102023



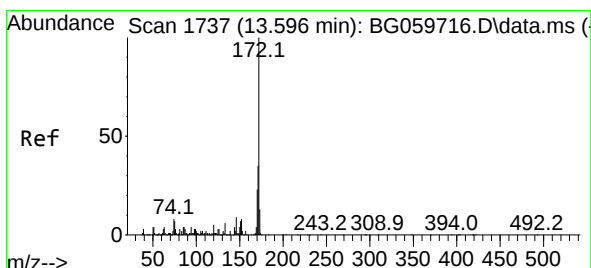
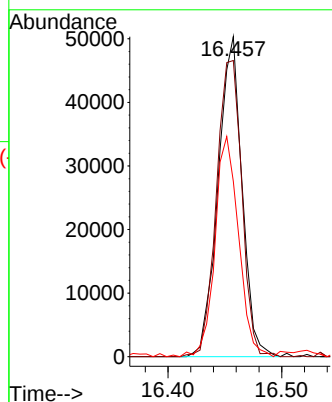
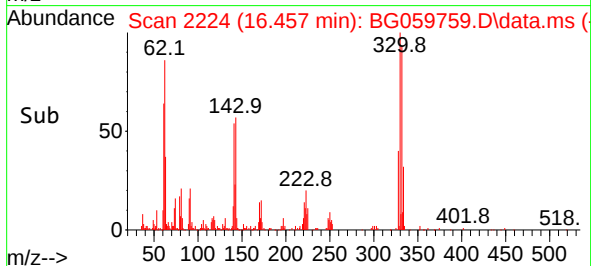
Tgt Ion:330 Resp: 7367
Ion Ratio Lower Upper
330 100
332 97.9 73.3 109.9
141 67.8 52.1 78.1

Manual Integrations

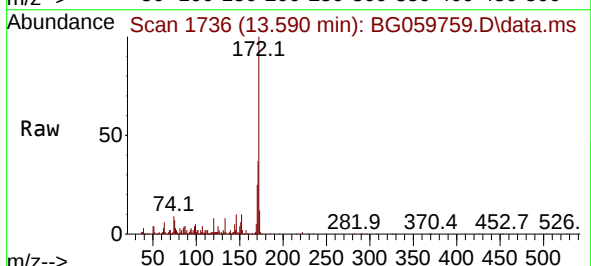
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Reviewed By :Yogesh Patel 11/20/2023

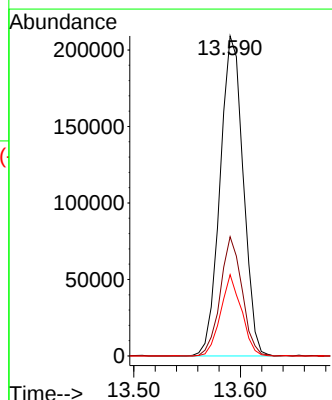
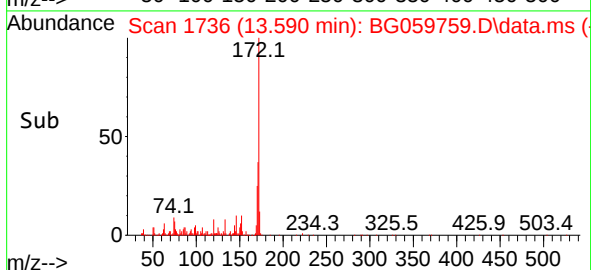
Supervised By :mohammad ahmed 11/21/2023

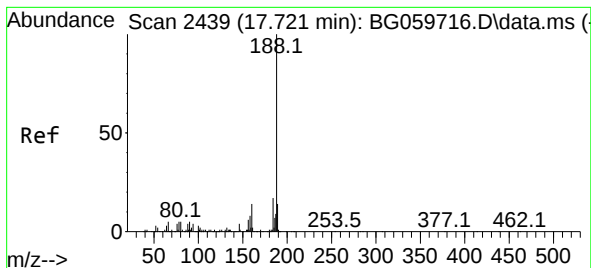


#45
2-Fluorobiphenyl
Concen: 51.233 ng
RT: 13.590 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11



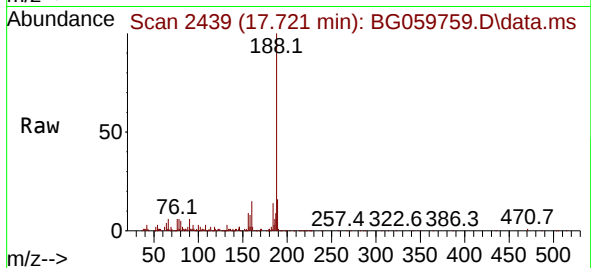
Tgt Ion:172 Resp: 315300
Ion Ratio Lower Upper
172 100
171 37.2 27.7 41.5
170 25.4 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

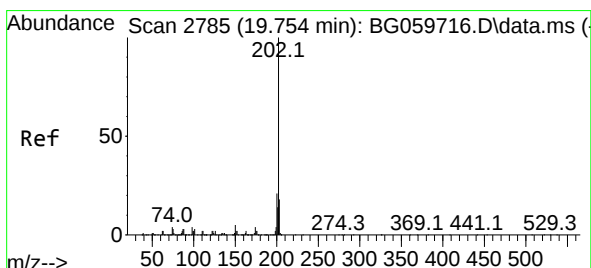
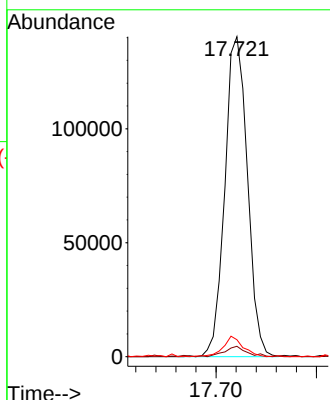
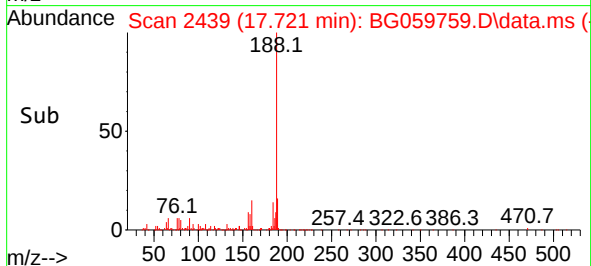
Instrument :
BNA_G
ClientSampleId :
EO-03-11102023



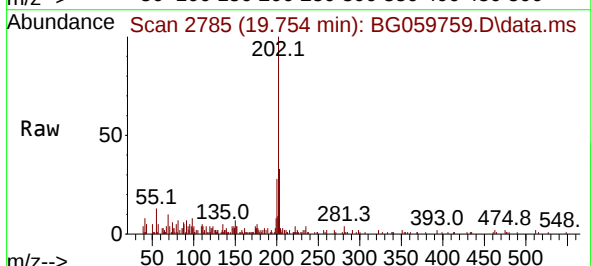
Tgt Ion:188 Resp: 218910
Ion Ratio Lower Upper
188 100
94 3.3 3.0 4.4
80 5.3 4.2 6.4

Manual Integrations
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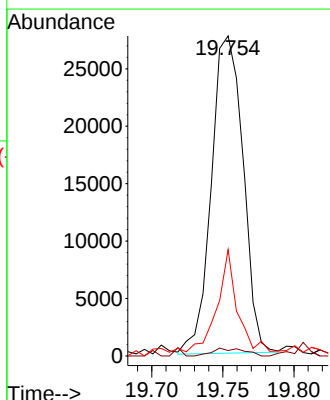
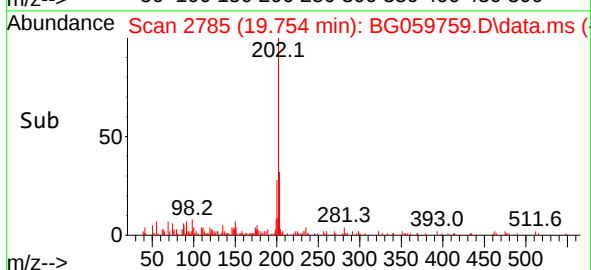
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023

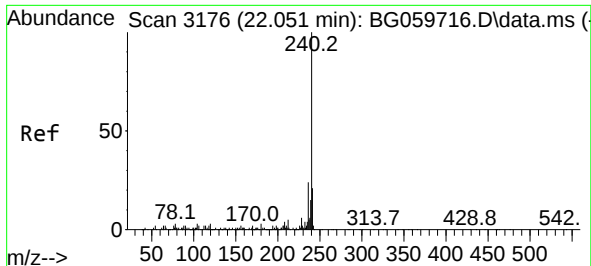


#75
Fluoranthene
Concen: 3.212 ng
RT: 19.754 min Scan# 2785
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11



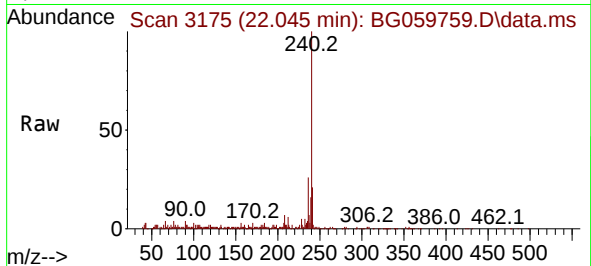
Tgt Ion:202 Resp: 42868
Ion Ratio Lower Upper
202 100
101 1.7 0.0 22.7
203 33.2 0.0 38.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

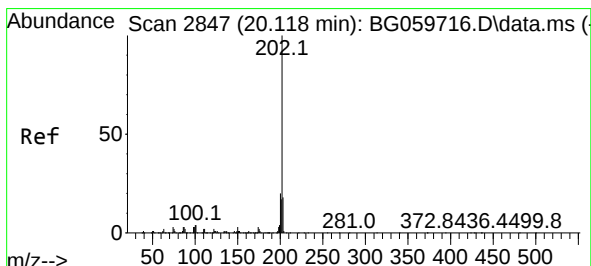
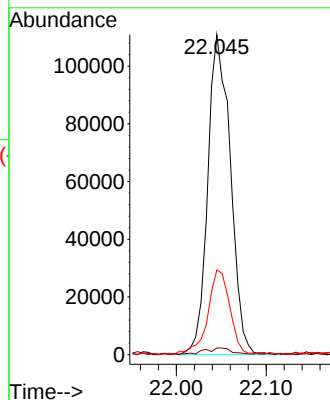
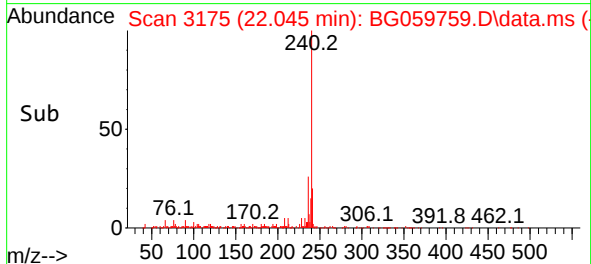
Instrument :
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ClientSampleId :
EO-03-11102023



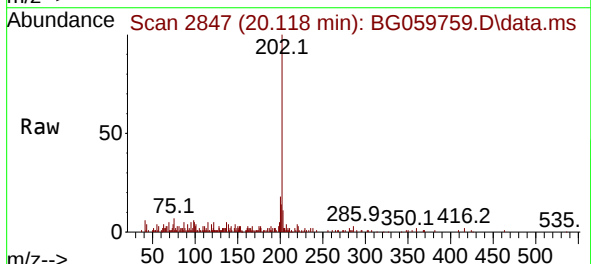
Tgt Ion:240 Resp: 194162
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2
236 26.5 19.4 29.2

Manual Integrations
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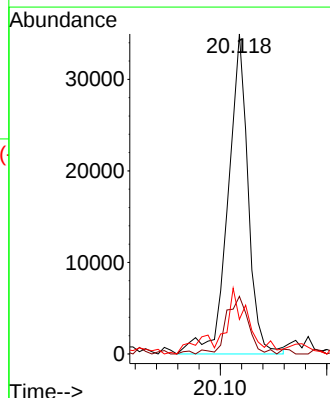
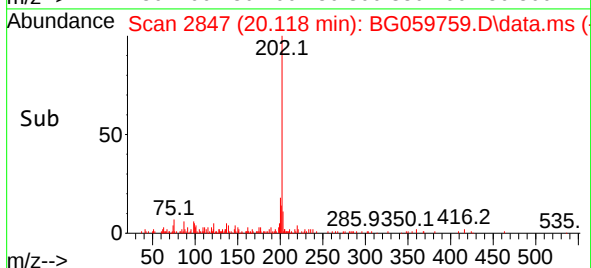
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023

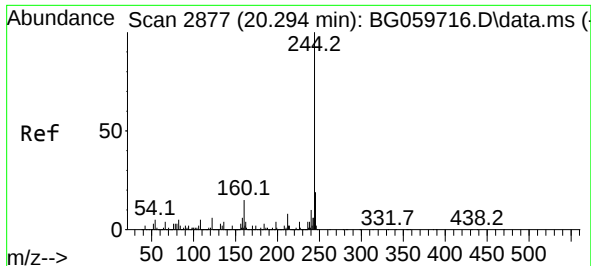


#78
Pyrene
Concen: 3.476 ng m
RT: 20.118 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11



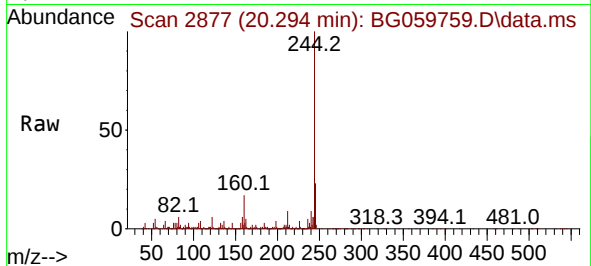
Tgt Ion:202 Resp: 45918
Ion Ratio Lower Upper
202 100
200 18.0 16.2 24.4
203 10.8 14.0 21.0#





#79
 Terphenyl-d14
 Concen: 36.106 ng
 RT: 20.294 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG059759.D
 Acq: 18 Nov 2023 11:11

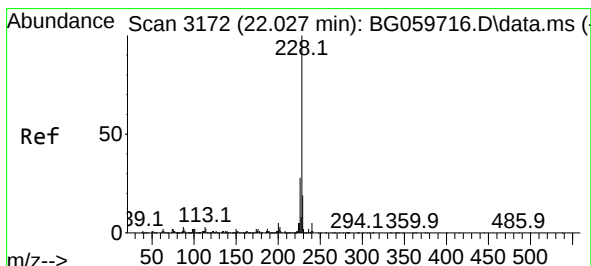
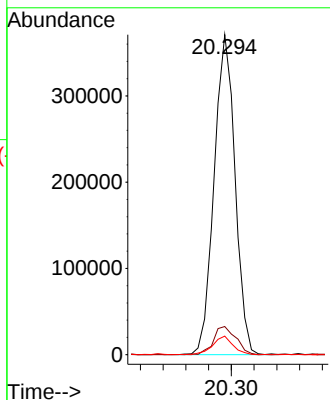
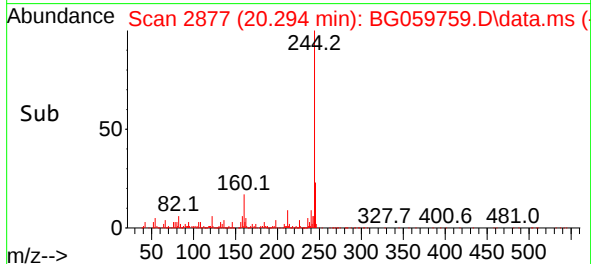
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-11102023



Tgt Ion:244 Resp: 474870
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 5.8 4.4 6.6

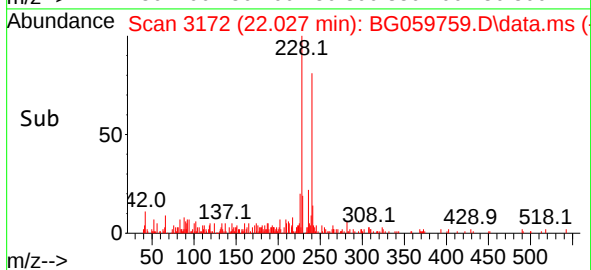
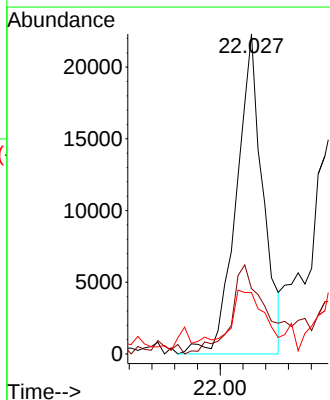
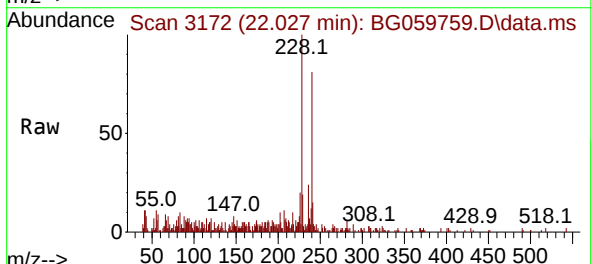
Manual Integrations
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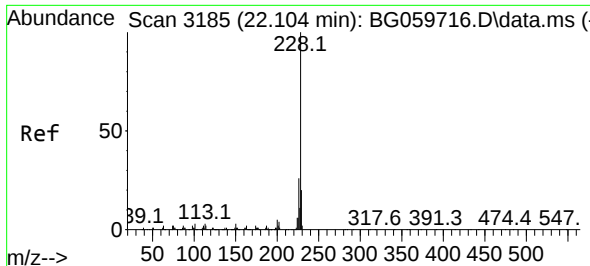
Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/21/2023



#81
 Benzo(a)anthracene
 Concen: 2.720 ng
 RT: 22.027 min Scan# 3172
 Delta R.T. 0.000 min
 Lab File: BG059759.D
 Acq: 18 Nov 2023 11:11

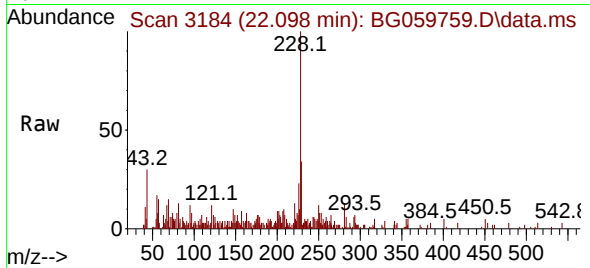
Tgt Ion:228 Resp: 36134
 Ion Ratio Lower Upper
 228 100
 226 20.4 22.1 33.1#
 229 19.2 14.9 22.3





#83
Chrysene
Concen: 2.686 ng m
RT: 22.098 min Scan# 3185
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

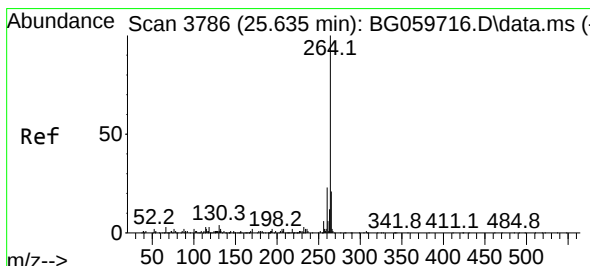
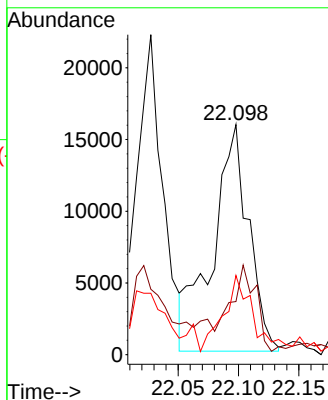
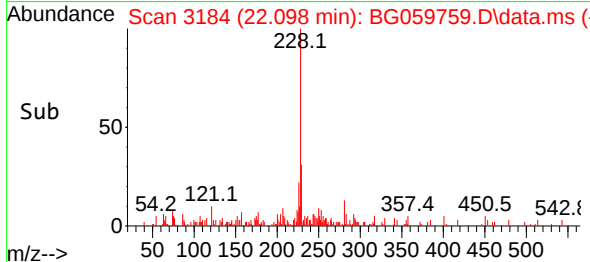
Instrument :
BNA_G
ClientSampleId :
EO-03-11102023



Tgt Ion:228 Resp: 32711
Ion Ratio Lower Upper
228 100
226 23.1 21.1 31.7
229 34.4 16.2 24.4

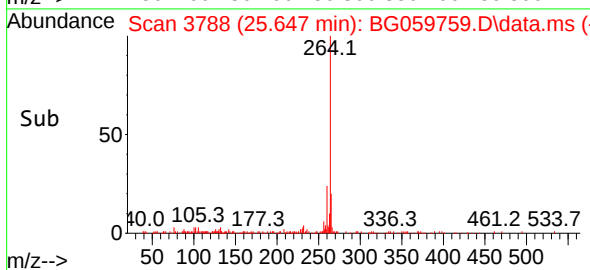
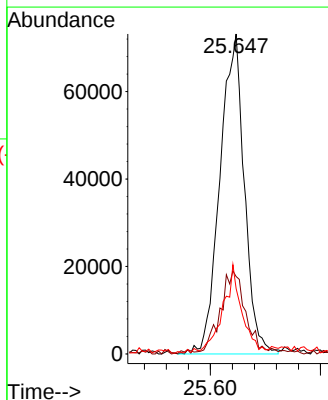
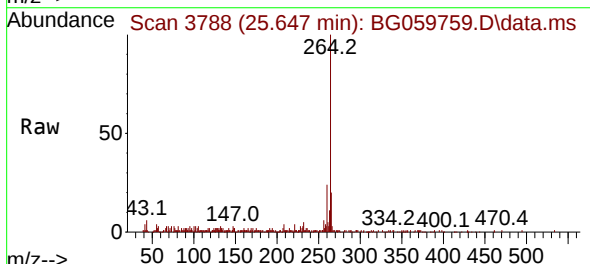
Manual Integrations
APPROVED

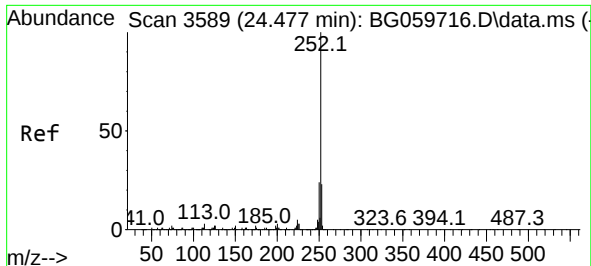
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.647 min Scan# 3788
Delta R.T. 0.012 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

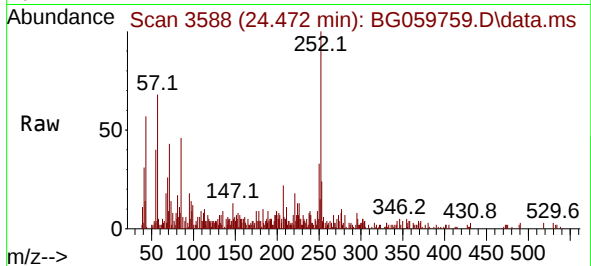
Tgt Ion:264 Resp: 225099
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 20.4 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 4.613 ng
RT: 24.472 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11

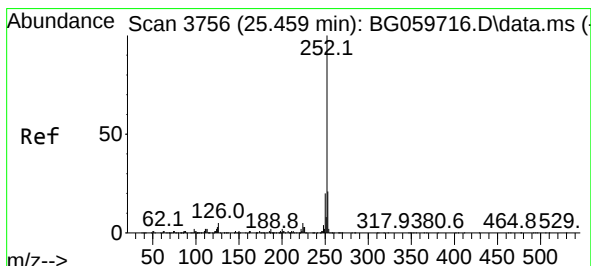
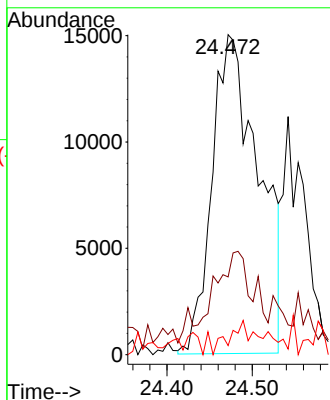
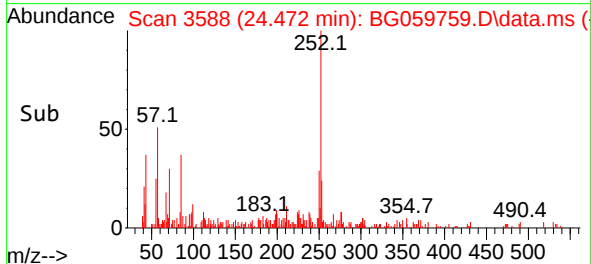
Instrument :
BNA_G
ClientSampleId :
EO-03-11102023



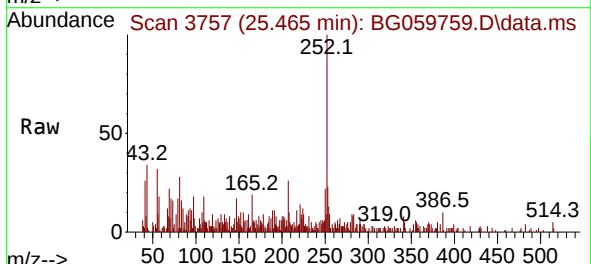
Tgt Ion:252 Resp: 5691
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 2.8 1.4 2.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023



#90
Benzo(a)pyrene
Concen: 3.154 ng
RT: 25.465 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BG059759.D
Acq: 18 Nov 2023 11:11



Tgt Ion:252 Resp: 41531
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 6.5 2.0 3.0

