

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059763.D
 Acq On : 18 Nov 2023 13:52
 Operator : MA/JU
 Sample : 05384-01 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-11102023

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 04:43:09 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	8.344	152	28990	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	119622	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	124013	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	235075	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	182975	20.000	ng	0.00
86) Perylene-d12	25.647	264	183967	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	28476	16.533	ng	0.00
7) Phenol-d6	7.457	99	46788	18.331	ng	0.00
23) Nitrobenzene-d5	9.542	82	42176	13.466	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	28185	20.031	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	129776	14.086	ng	0.00
79) Terphenyl-d14	20.294	244	167887	13.545	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.762	178	29734	2.488	ng	# 90
75) Fluoranthene	19.760	202	55324	3.860	ng	94
78) Pyrene	20.124	202	61789	4.963	ng	97
81) Benzo(a)anthracene	22.028	228	37513m	2.996	ng	
83) Chrysene	22.104	228	29459	2.567	ng	# 92

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

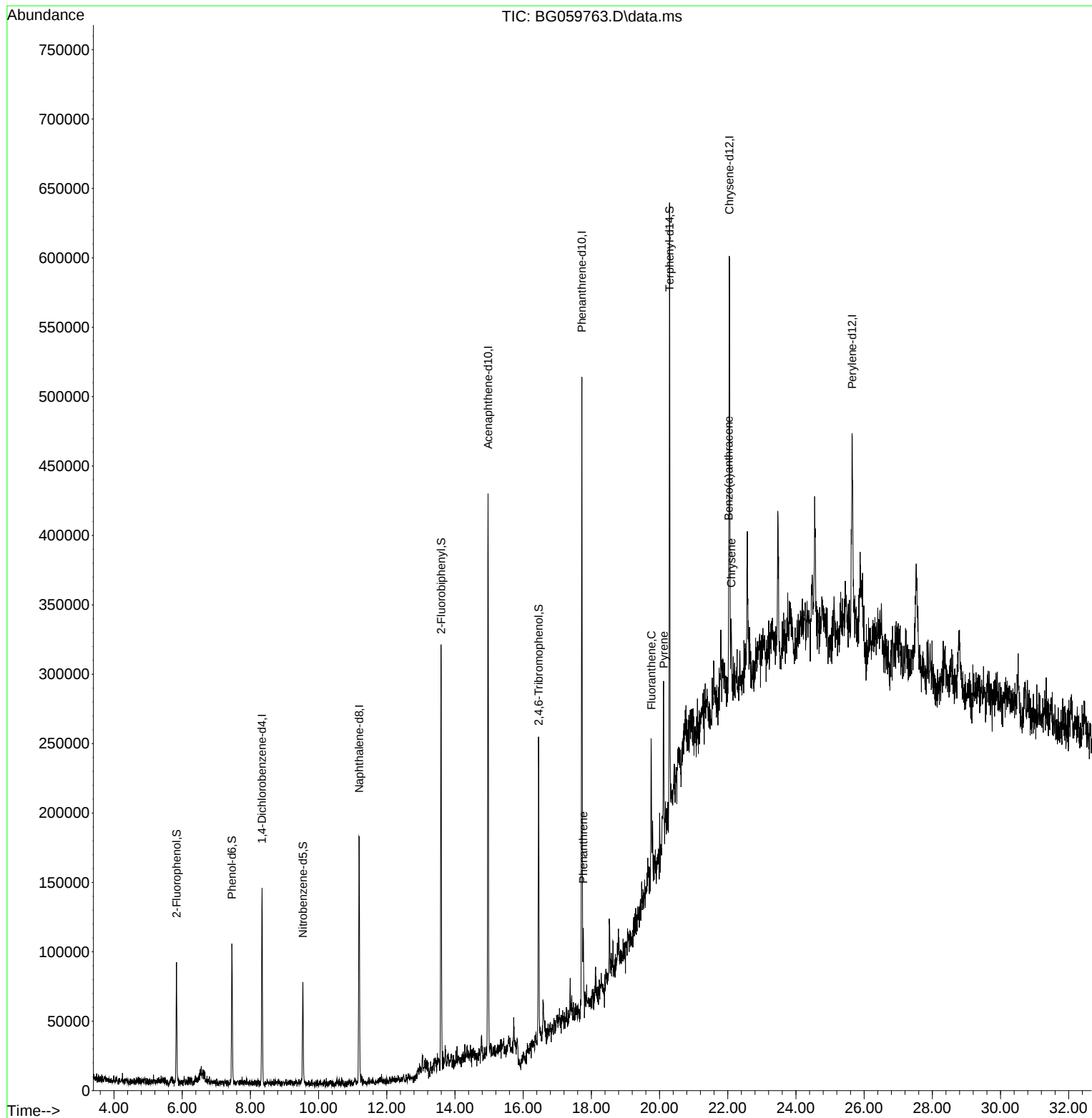
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059763.D
Acq On : 18 Nov 2023 13:52
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ALS Vial : 28 Sample Multiplier: 1

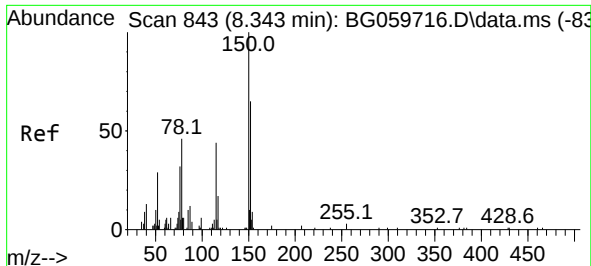
Instrument :
BNA_G
ClientSampleId :
EO-01-11102023

Quant Time: Nov 20 04:43:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
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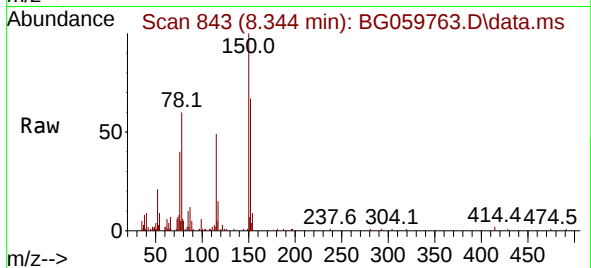
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

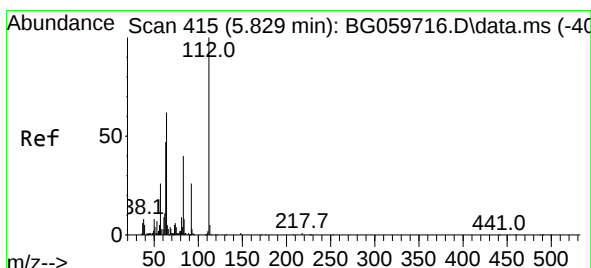
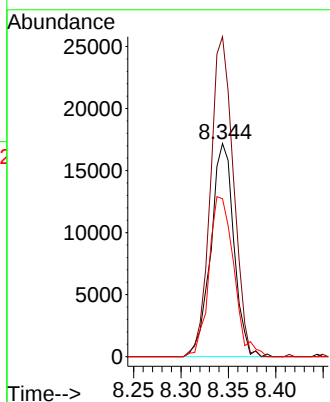
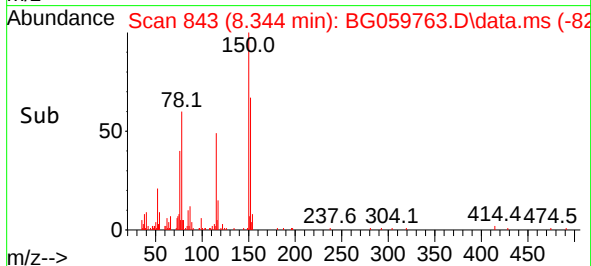
Instrument :
BNA_G
ClientSampleId :
EO-01-11102023



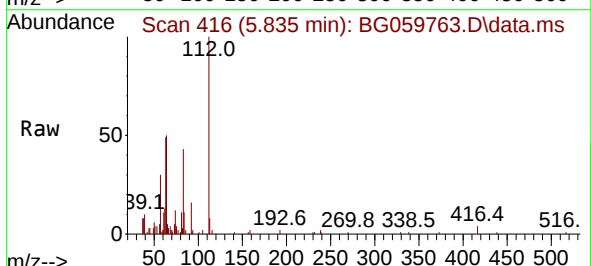
Tgt Ion:152 Resp: 28990
Ion Ratio Lower Upper
152 100
150 150.1 122.2 183.4
115 74.1 54.2 81.4

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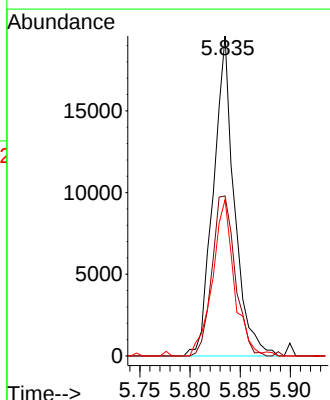
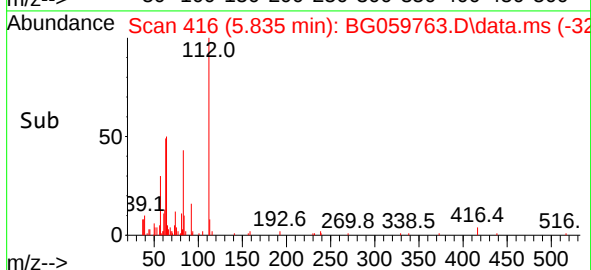
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023

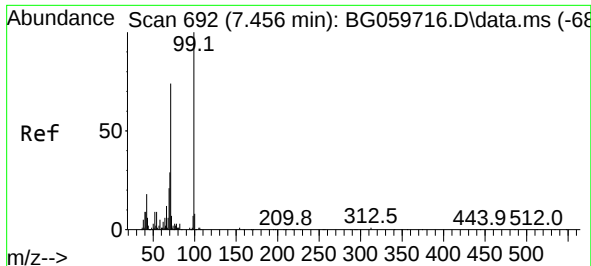


#5
2-Fluorophenol
Concen: 16.533 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52



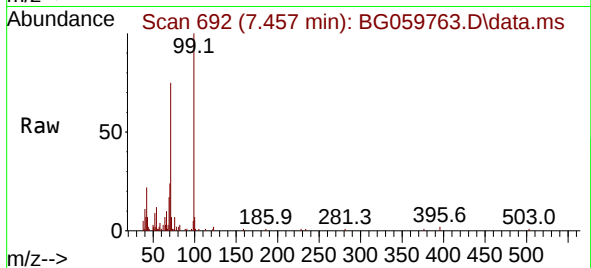
Tgt Ion:112 Resp: 28476
Ion Ratio Lower Upper
112 100
64 50.0 49.5 74.3
63 48.9 37.4 56.2





#7
Phenol-d6
Concen: 18.331 ng
RT: 7.457 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

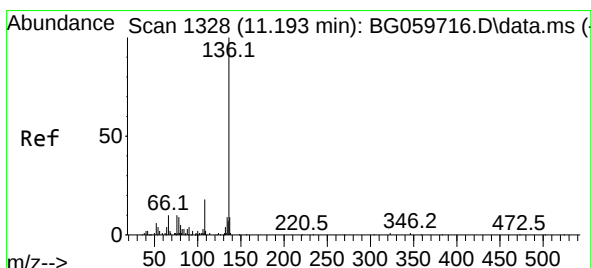
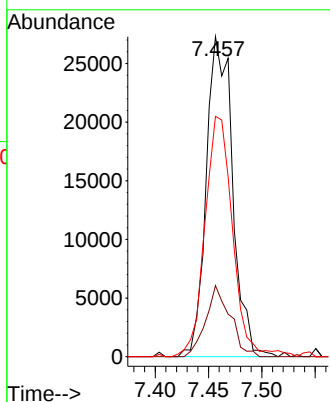
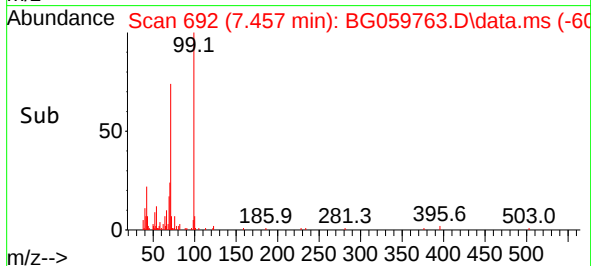
Instrument :
BNA_G
ClientSampleId :
EO-01-11102023



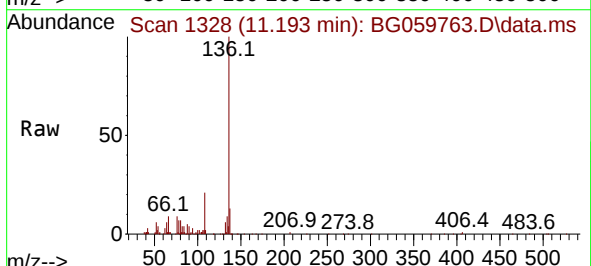
Tgt Ion: 99 Resp: 46788
Ion Ratio Lower Upper
99 100
42 22.2 14.3 21.5
71 75.1 59.3 88.9

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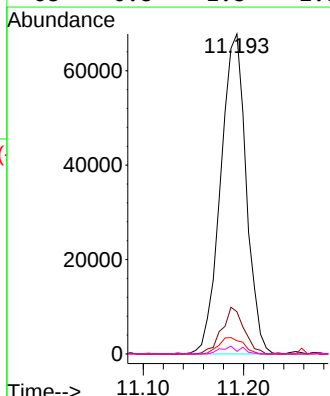
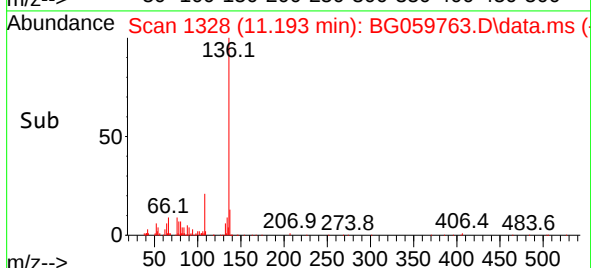
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023

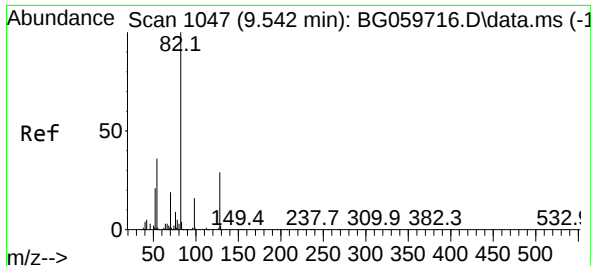


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52



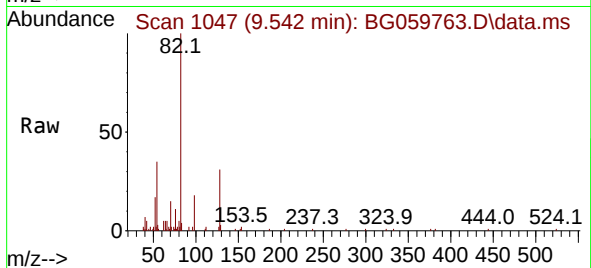
Tgt Ion:136 Resp: 119622
Ion Ratio Lower Upper
136 100
137 13.2 7.4 11.0#
54 4.1 3.1 4.7
68 0.8 1.8 2.8#





#23
Nitrobenzene-d5
Concen: 13.466 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

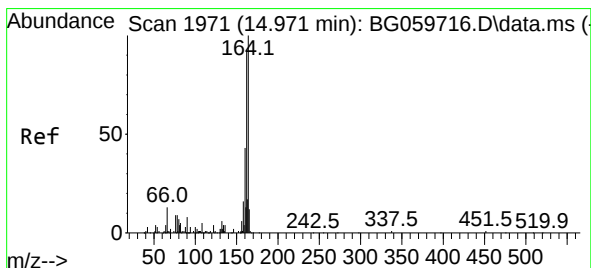
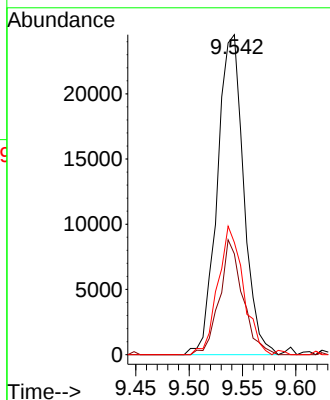
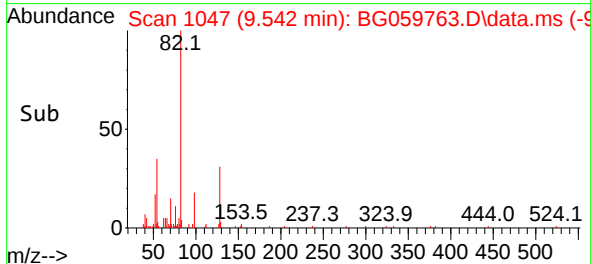
Instrument :
BNA_G
ClientSampleId :
EO-01-11102023



Tgt Ion: 82 Resp: 42170
Ion Ratio Lower Upper
82 100
128 31.5 23.0 34.6
54 35.1 28.7 43.1

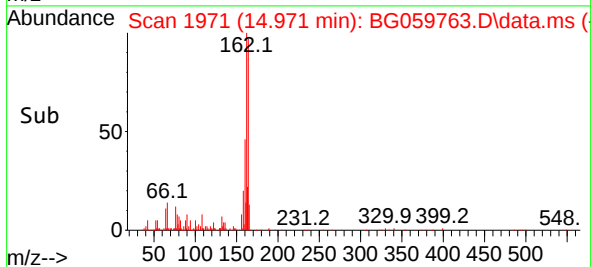
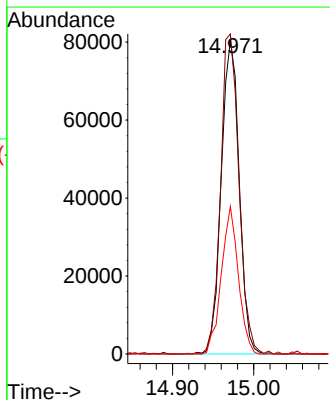
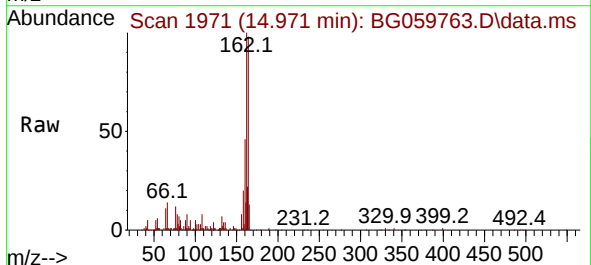
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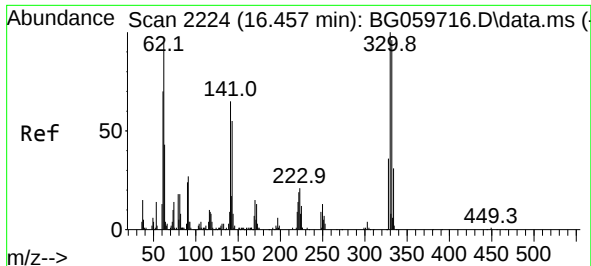
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:164 Resp: 124013
Ion Ratio Lower Upper
164 100
162 102.1 73.3 109.9
160 47.0 34.1 51.1





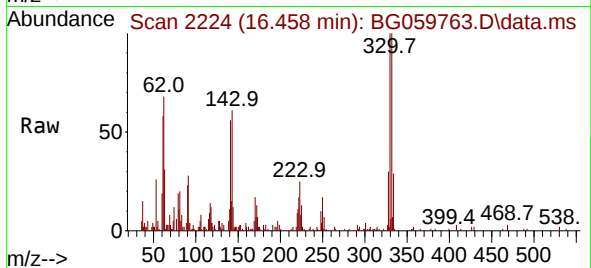
#42
2,4,6-Tribromophenol
Concen: 20.031 ng
RT: 16.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :

BNA_G

ClientSampleId :

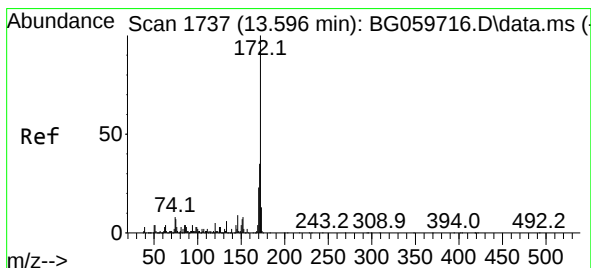
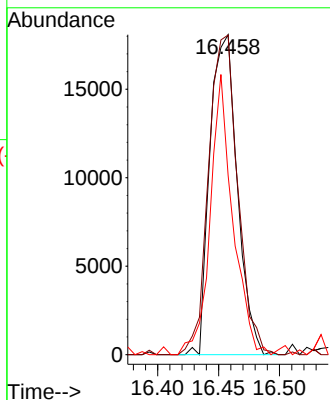
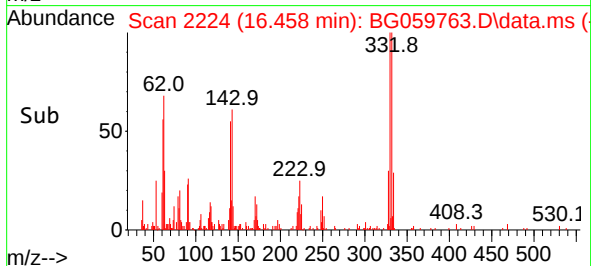
EO-01-11102023



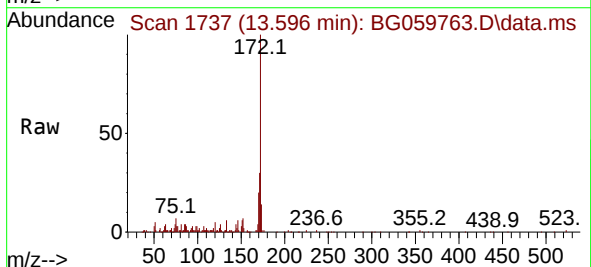
Tgt Ion:330 Resp: 2818
Ion Ratio Lower Upper
330 100
332 106.5 73.3 109.9
141 72.3 52.1 78.1

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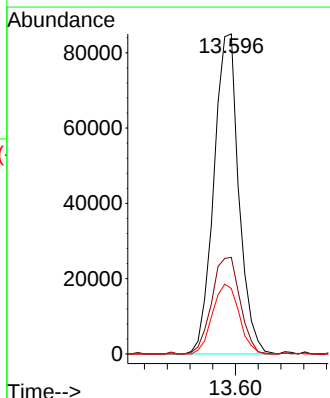
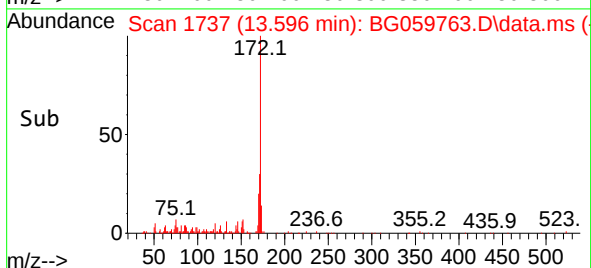
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023

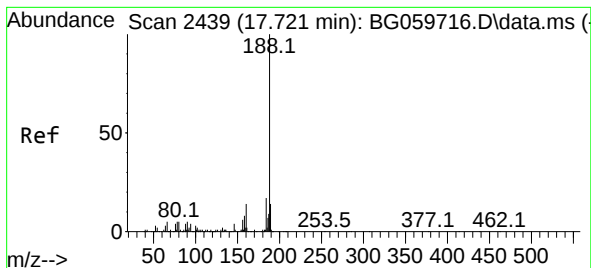


#45
2-Fluorobiphenyl
Concen: 14.086 ng
RT: 13.596 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52



Tgt Ion:172 Resp: 129776
Ion Ratio Lower Upper
172 100
171 30.2 27.7 41.5
170 20.5 18.4 27.6





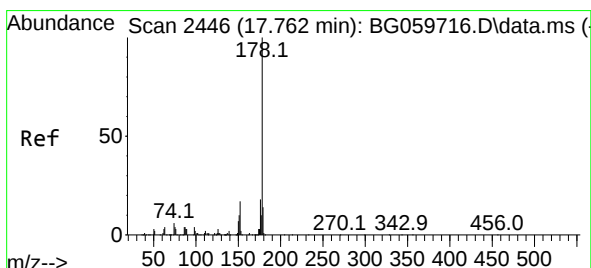
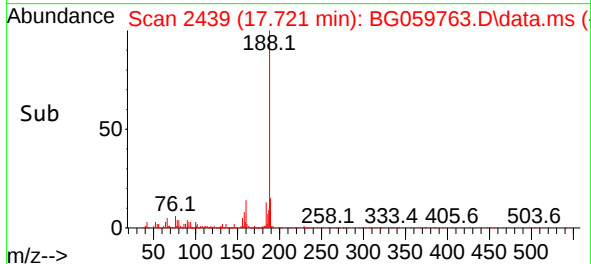
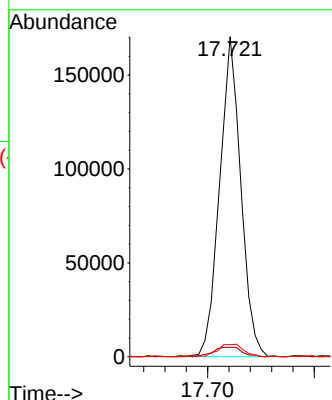
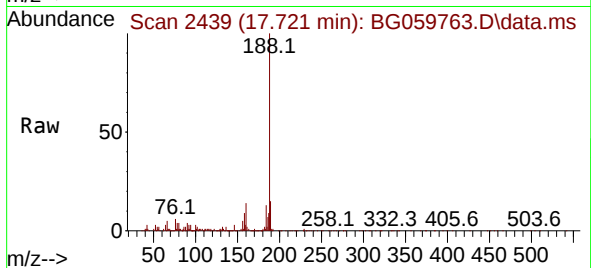
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :
EO-01-11102023

Tgt Ion:188 Resp: 235074
Ion Ratio Lower Upper
188 100
94 3.0 3.0 4.4
80 3.8 4.2 6.4

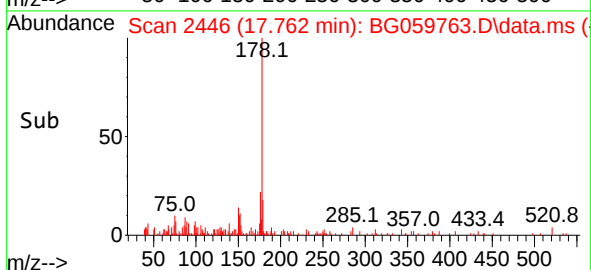
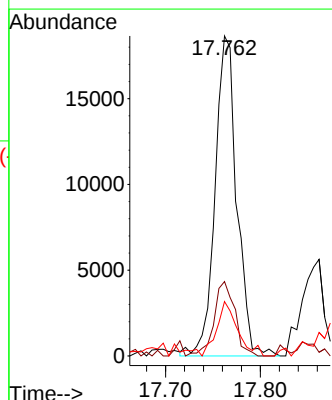
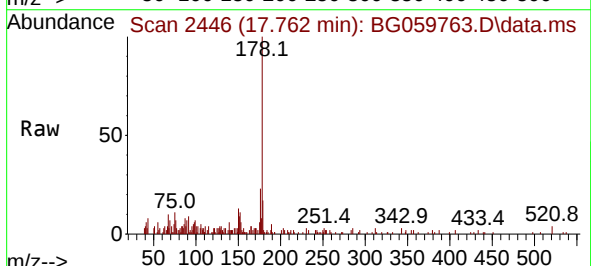
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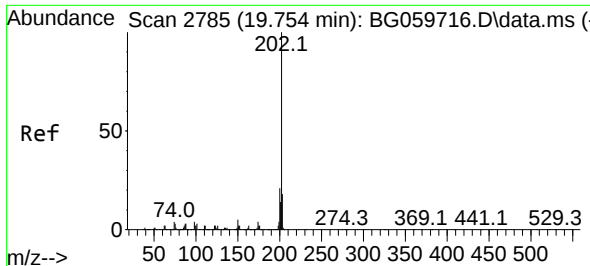
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023



#71
Phenanthrene
Concen: 2.488 ng
RT: 17.762 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:178 Resp: 29734
Ion Ratio Lower Upper
178 100
176 23.2 14.5 21.7#
179 17.0 11.2 16.8#





#75
Fluoranthene
Concen: 3.860 ng
RT: 19.760 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :

BNA_G

ClientSampleId :

EO-01-11102023

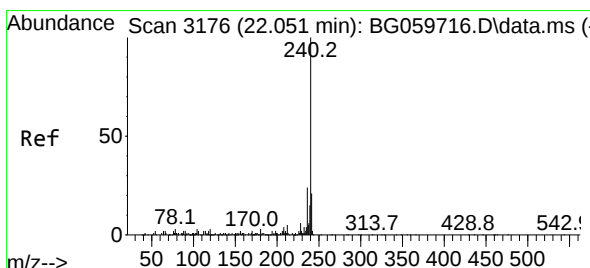
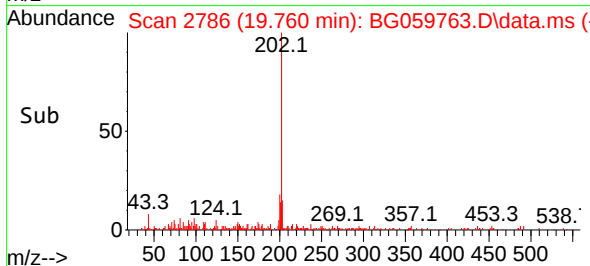
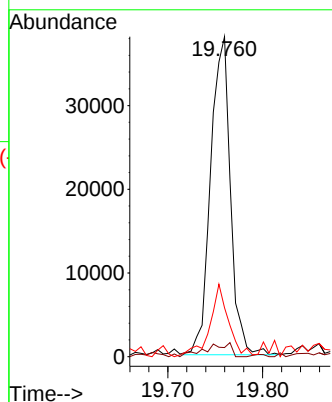
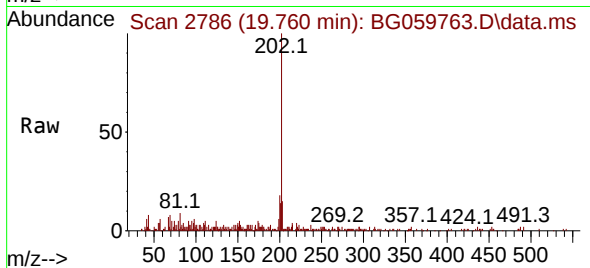
Tgt Ion:202 Resp: 55324
Ion Ratio Lower Upper
202 100
101 2.9 0.0 22.7
203 15.3 0.0 38.2

Manual Integrations

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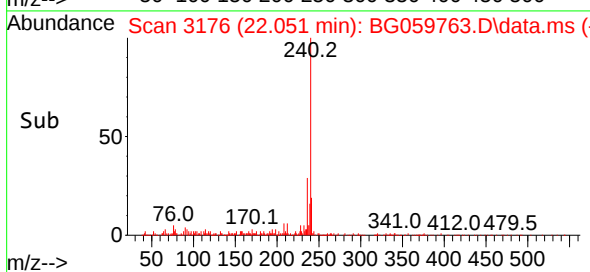
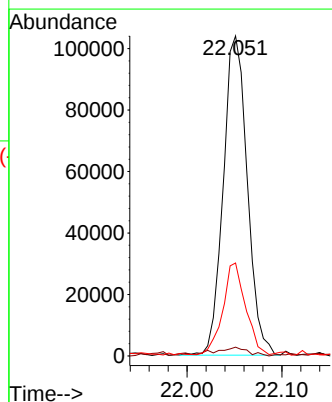
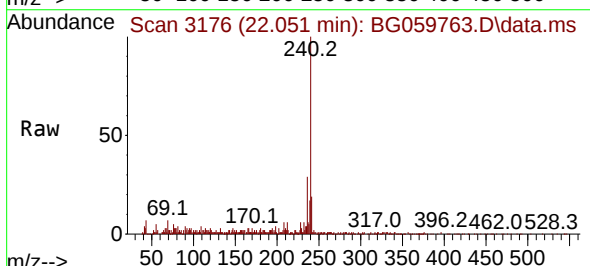
Reviewed By :Yogesh Patel 11/20/2023

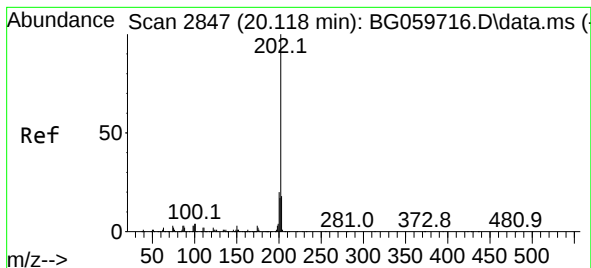
Supervised By :mohammad ahmed 11/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Tgt Ion:240 Resp: 182975
Ion Ratio Lower Upper
240 100
120 2.7 2.2 3.2
236 29.1 19.4 29.2





#78

Pyrene

Concen: 4.963 ng

RT: 20.124 min Scan# 2848

Delta R.T. 0.006 min

Lab File: BG059763.D

Acq: 18 Nov 2023 13:52

Instrument :

BNA_G

ClientSampleId :

EO-01-11102023

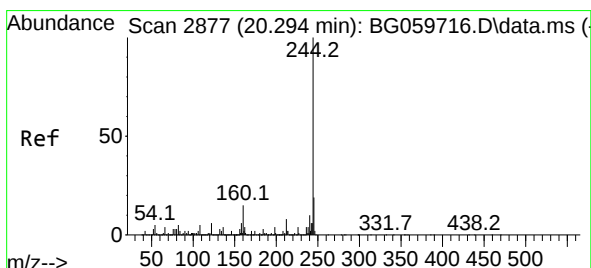
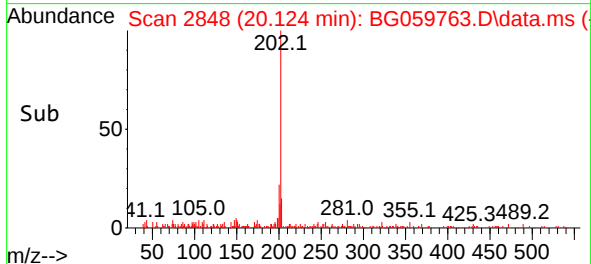
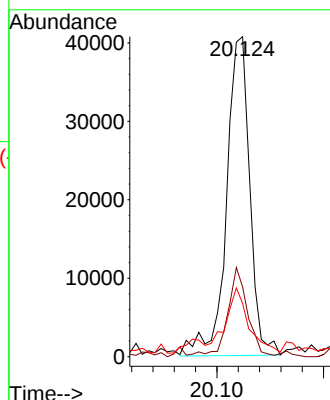
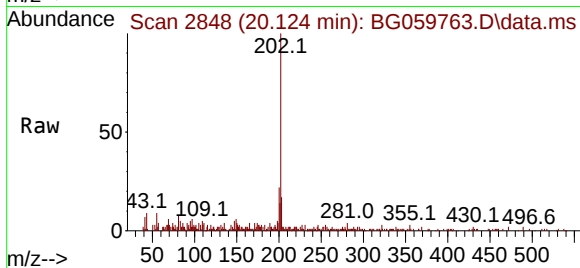
Tgt Ion:	202	Resp:	61789
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.2	24.4
203	16.6	14.0	21.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/21/2023



#79

Terphenyl-d14

Concen: 13.545 ng

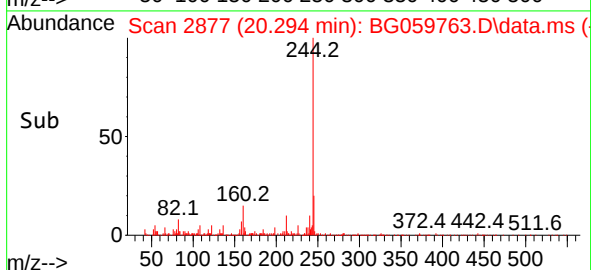
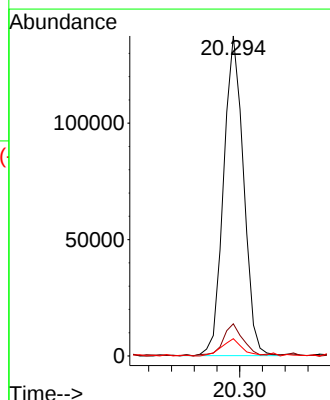
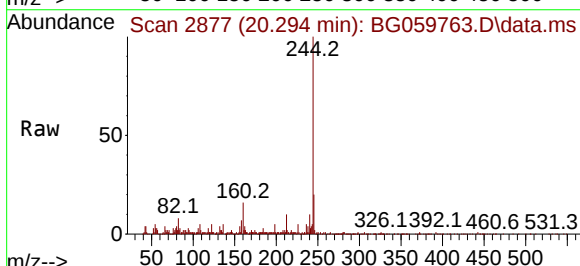
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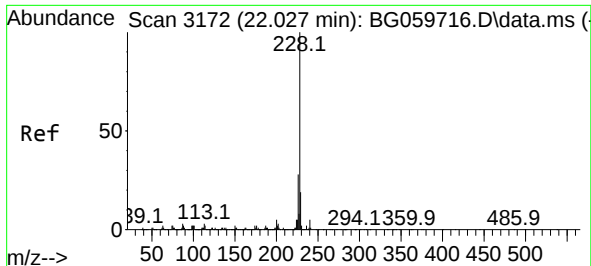
Delta R.T. 0.000 min

Lab File: BG059763.D

Acq: 18 Nov 2023 13:52

Tgt Ion:	244	Resp:	167887
Ion Ratio	Lower	Upper	
244	100		
212	10.0	6.6	10.0
122	5.4	4.4	6.6





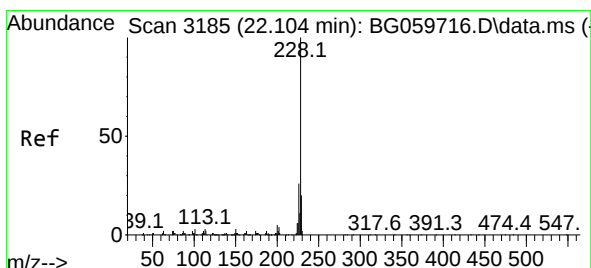
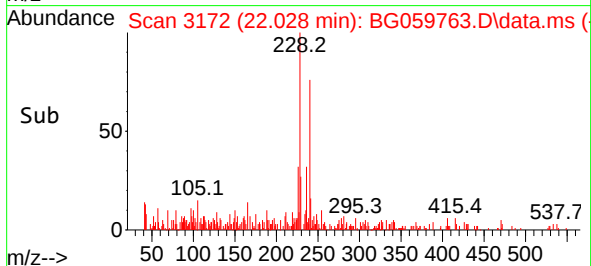
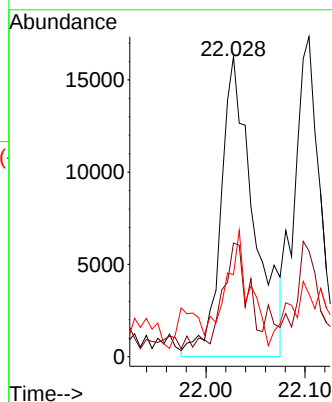
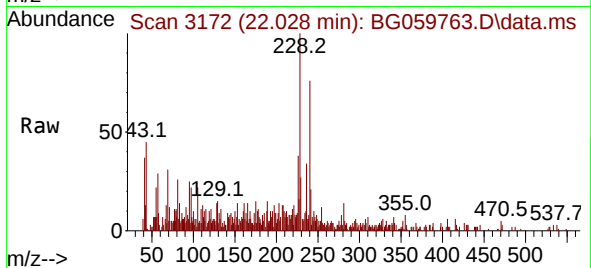
#81
Benzo(a)anthracene
Concen: 2.996 ng m
RT: 22.028 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

Instrument :
BNA_G
ClientSampleId :
EO-01-11102023

Tgt Ion:228 Resp: 3751
Ion Ratio Lower Upper
228 100
226 37.9 22.1 33.1#
229 27.4 14.9 22.3#

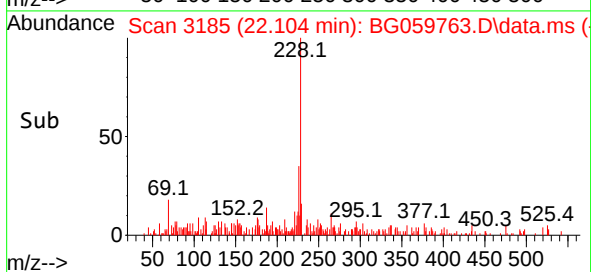
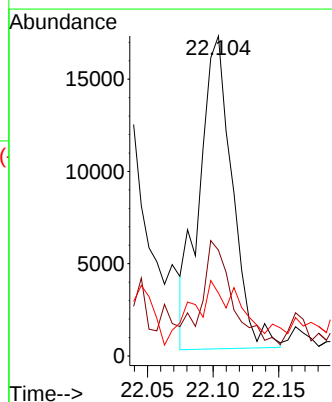
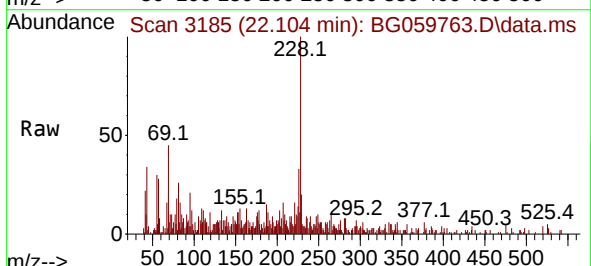
Manual Integrations
APPROVED

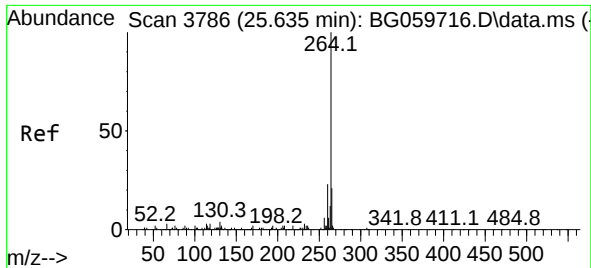
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/21/2023



#83
Chrysene
Concen: 2.567 ng
RT: 22.104 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BG059763.D
Acq: 18 Nov 2023 13:52

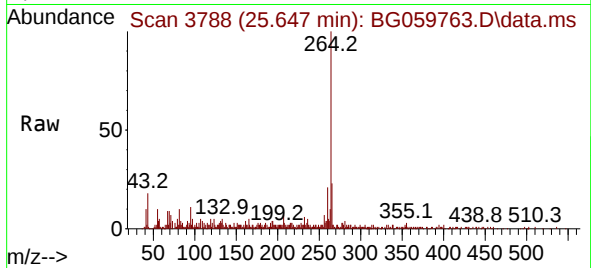
Tgt Ion:228 Resp: 29459
Ion Ratio Lower Upper
228 100
226 33.1 21.1 31.7#
229 19.7 16.2 24.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.647 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BG059763.D
 Acq: 18 Nov 2023 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-11102023



Tgt Ion:264 Resp: 18396
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.5 27.7
 265 22.8 17.0 25.6

Manual Integrations
 APPROVED

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

