

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059889.D
 Acq On : 25 Nov 2023 13:17
 Operator : MA/JU
 Sample : 05408-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 710-BROOKLYN-AVE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 03:21:25 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 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	30454	20.000	ng	0.00
21) Naphthalene-d8	11.157	136	138018	20.000	ng	#-0.01
39) Acenaphthene-d10	14.947	164	101844	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	194481	20.000	ng	#-0.01
76) Chrysene-d12	22.015	240	146374	20.000	ng	#-0.02
86) Perylene-d12	25.587	264	180598	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	165076	91.235	ng	0.00
7) Phenol-d6	7.444	99	219123	81.723	ng	0.00
23) Nitrobenzene-d5	9.518	82	200869	55.584	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	94448	81.735	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	438063	57.898	ng	0.00
79) Terphenyl-d14	20.276	244	522883	52.735	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.738	178	38481	3.892	ng	# 87
75) Fluoranthene	19.730	202	116959	9.863	ng	99
78) Pyrene	20.100	202	129917	13.045	ng	99
81) Benzo(a)anthracene	21.998	228	63296	6.320	ng	94
83) Chrysene	22.068	228	74704	8.137	ng	98
87) Indeno(1,2,3-cd)pyrene	29.712	276	58156m	4.256	ng	
88) Benzo(b)fluoranthene	24.436	252	88689	8.960	ng	# 97
89) Benzo(k)fluoranthene	24.500	252	36635m	3.744	ng	
90) Benzo(a)pyrene	25.417	252	73967	7.002	ng	# 96
92) Benzo(g,h,i)perylene	31.022	276	58133m	5.299	ng	

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

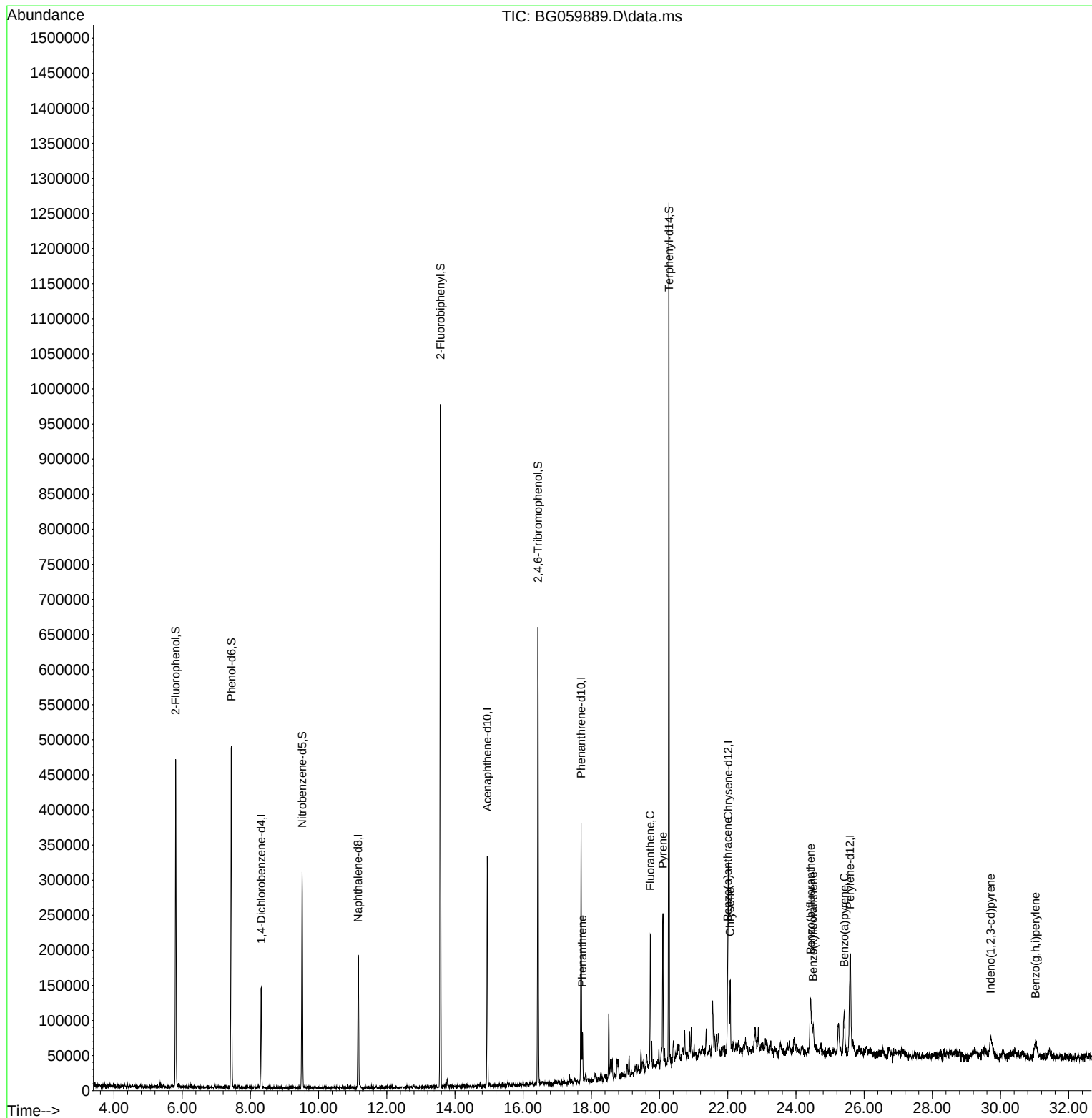
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059889.D
Acq On : 25 Nov 2023 13:17
Operator : MA/JU
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ALS Vial : 28 Sample Multiplier: 1

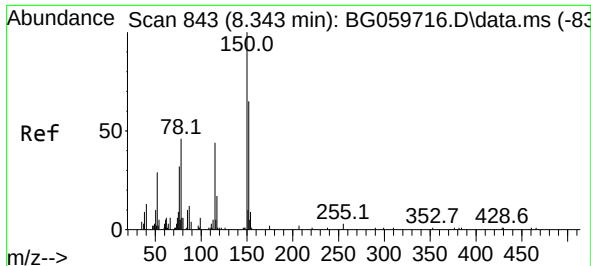
Instrument :
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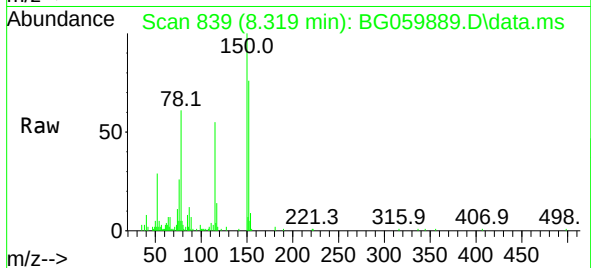
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.319 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

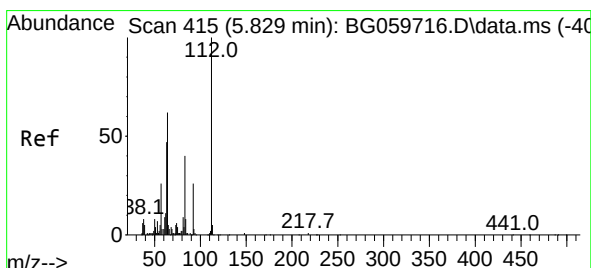
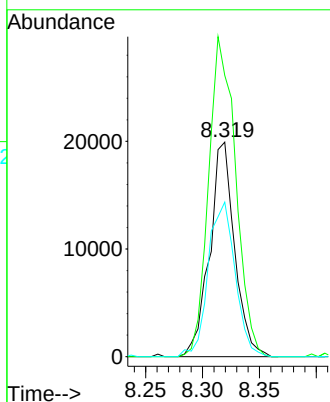
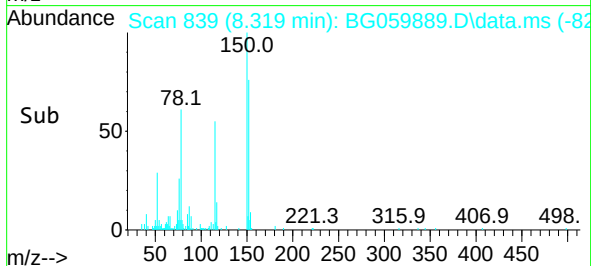
Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE



Tgt Ion:152 Resp: 30454
Ion Ratio Lower Upper
152 100
150 131.1 122.2 183.4
115 72.1 54.2 81.4

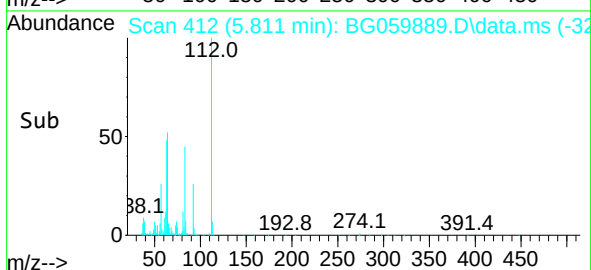
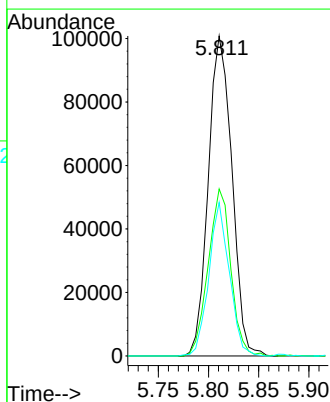
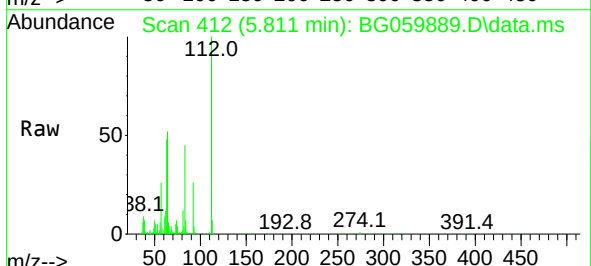
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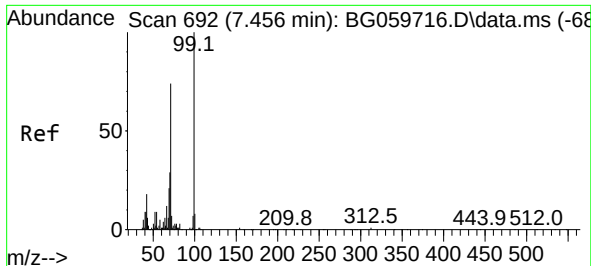
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#5
2-Fluorophenol
Concen: 91.235 ng
RT: 5.811 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

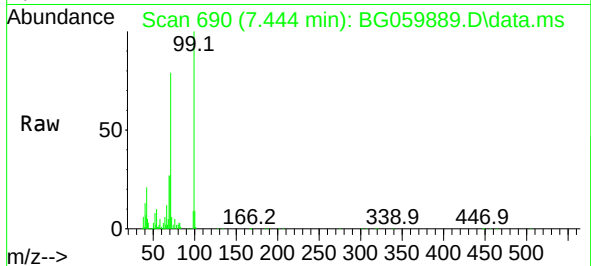
Tgt Ion:112 Resp: 165076
Ion Ratio Lower Upper
112 100
64 52.2 49.5 74.3
63 47.9 37.4 56.2





#7
Phenol-d6
Concen: 81.723 ng
RT: 7.444 min Scan# 692
Delta R.T. -0.001 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

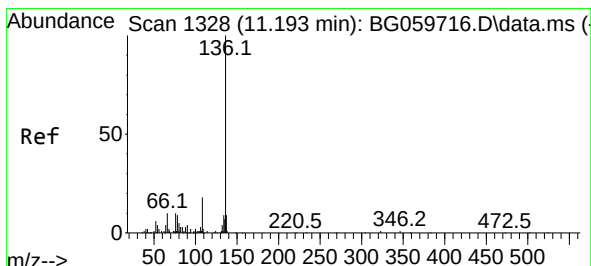
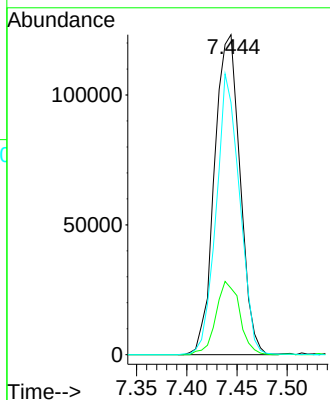
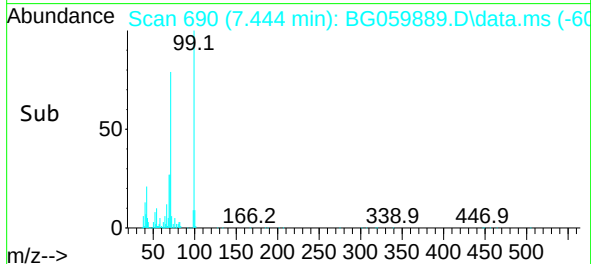
Instrument :
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ClientSampleId :
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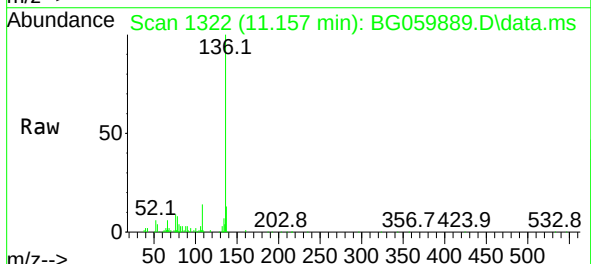
Tgt Ion: 99 Resp: 21912
Ion Ratio Lower Upper
99 100
42 20.8 14.3 21.5
71 78.8 59.3 88.9

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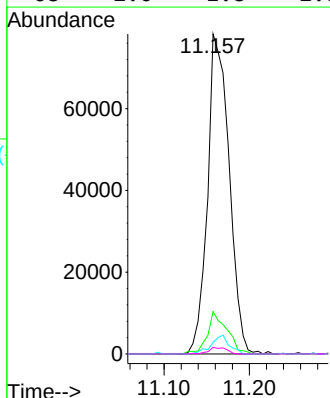
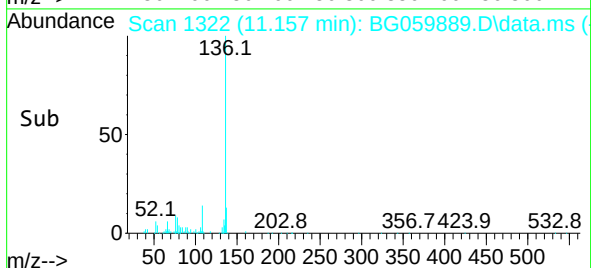
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

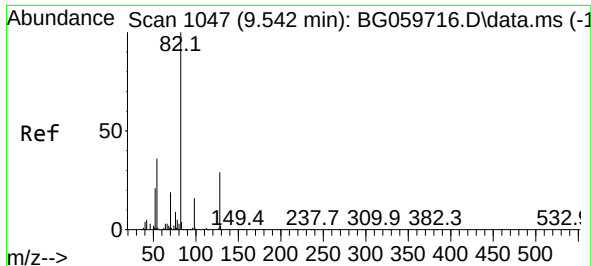


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.157 min Scan# 1322
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17



Tgt Ion:136 Resp: 138018
Ion Ratio Lower Upper
136 100
137 13.3 7.4 11.0#
54 3.6 3.1 4.7
68 2.0 1.8 2.8





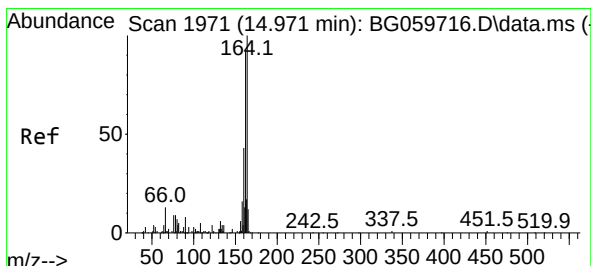
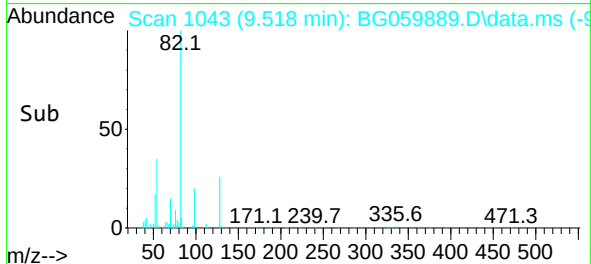
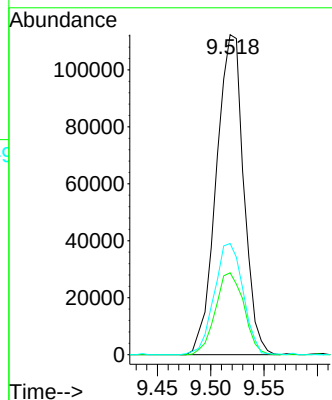
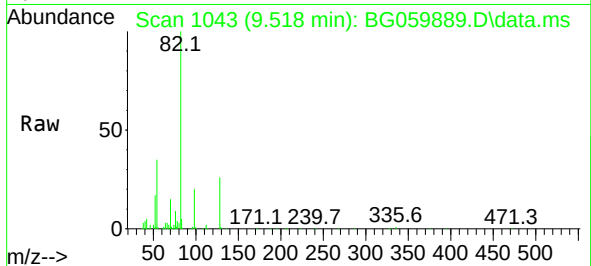
#23
Nitrobenzene-d5
Concen: 55.584 ng
RT: 9.518 min Scan# 1043
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

Tgt Ion: 82 Resp: 200869
Ion Ratio Lower Upper
82 100
128 25.6 23.0 34.6
54 34.7 28.7 43.1

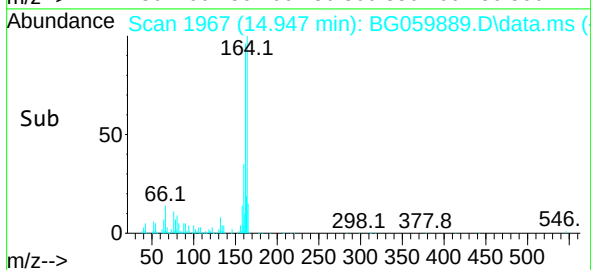
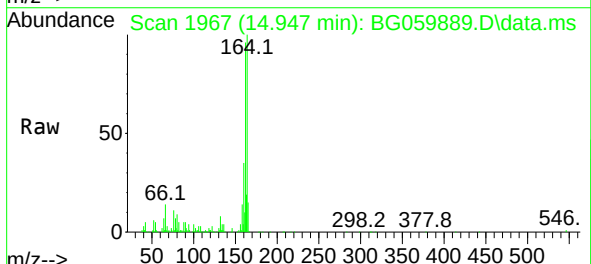
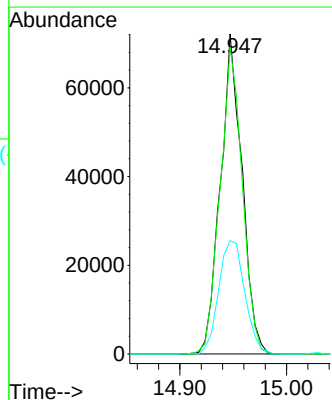
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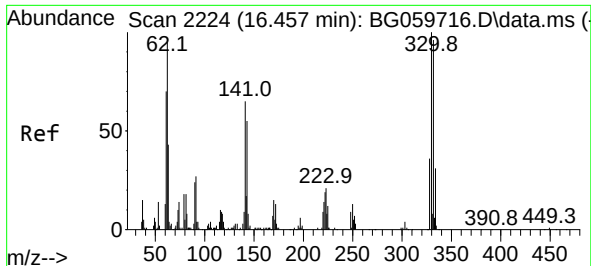
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

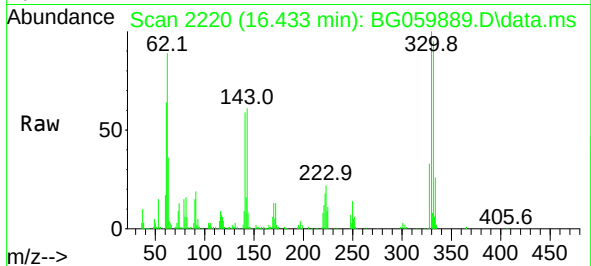
Tgt Ion:164 Resp: 101844
Ion Ratio Lower Upper
164 100
162 95.9 73.3 109.9
160 35.4 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 81.735 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

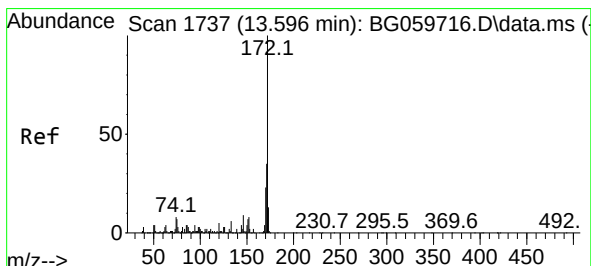
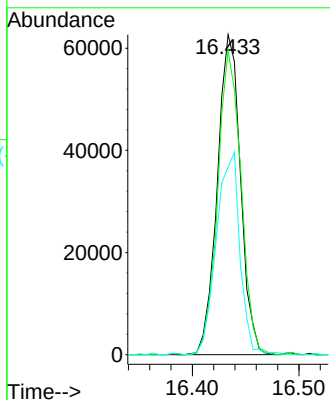
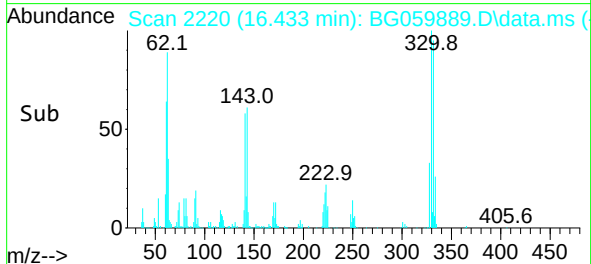
Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE



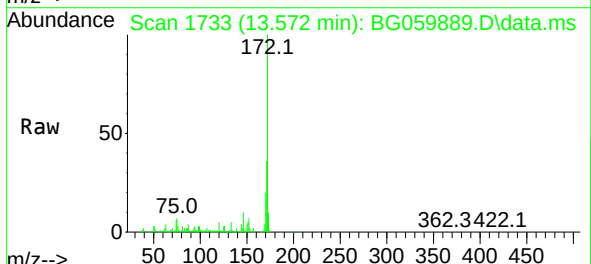
Tgt Ion:330 Resp: 94448
Ion Ratio Lower Upper
330 100
332 95.4 73.3 109.9
141 64.1 52.1 78.1

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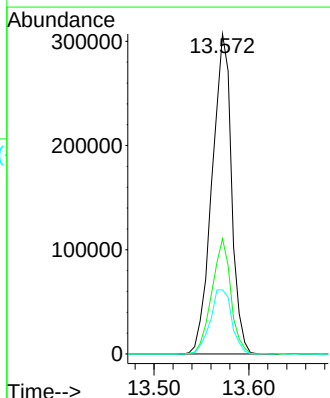
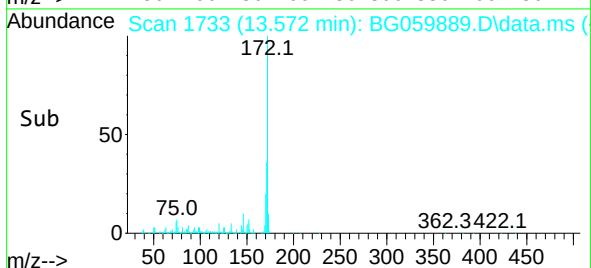
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

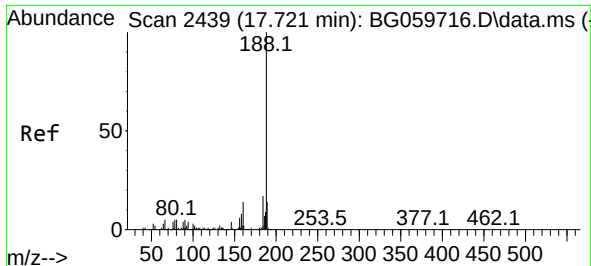


#45
2-Fluorobiphenyl
Concen: 57.898 ng
RT: 13.572 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17



Tgt Ion:172 Resp: 438063
Ion Ratio Lower Upper
172 100
171 36.0 27.7 41.5
170 20.1 18.4 27.6





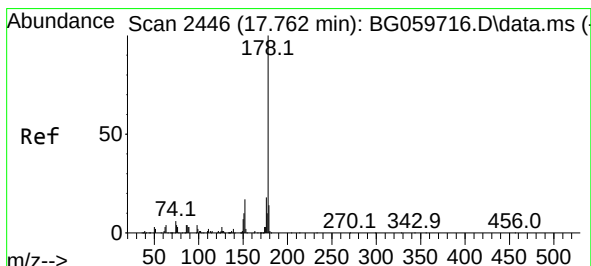
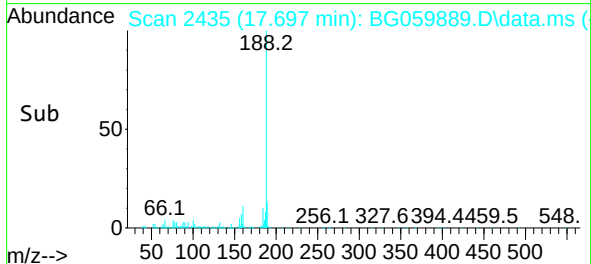
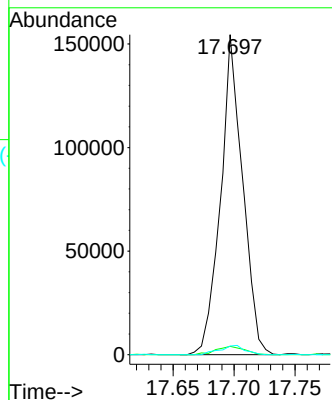
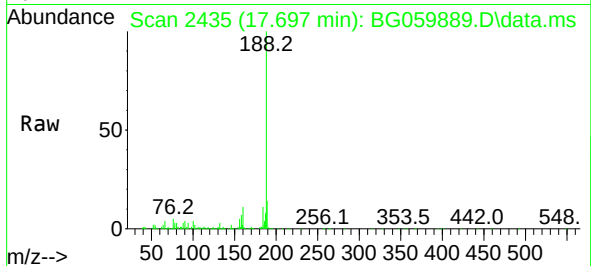
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2439
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

Tgt Ion:188 Resp: 19448
Ion Ratio Lower Upper
188 100
94 2.6 3.0 4.4#
80 3.2 4.2 6.4#

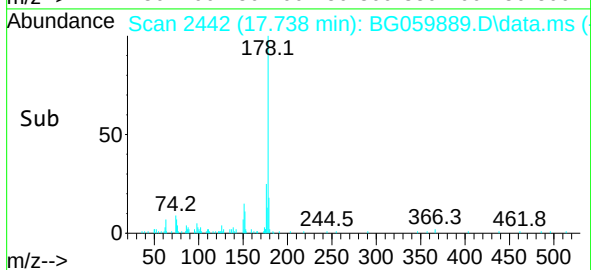
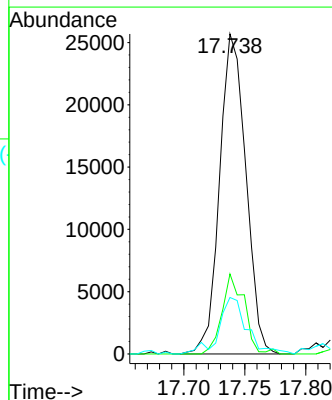
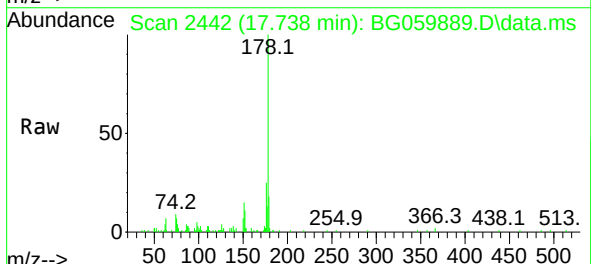
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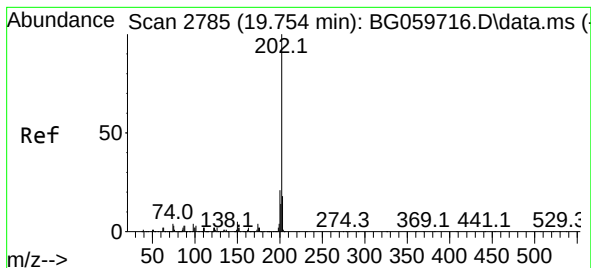
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#71
Phenanthrene
Concen: 3.892 ng
RT: 17.738 min Scan# 2442
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:178 Resp: 38481
Ion Ratio Lower Upper
178 100
176 25.0 14.5 21.7#
179 17.7 11.2 16.8#





#75

Fluoranthene

Concen: 9.863 ng

RT: 19.730 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

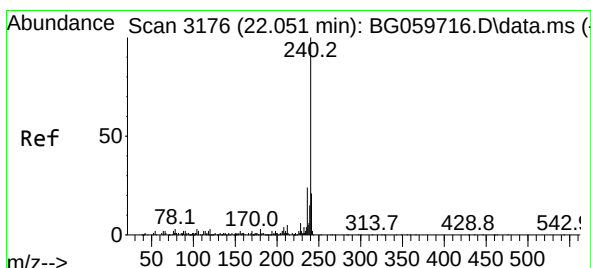
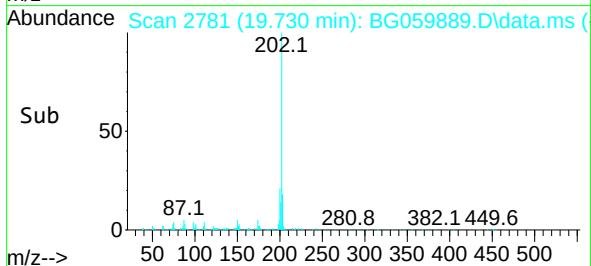
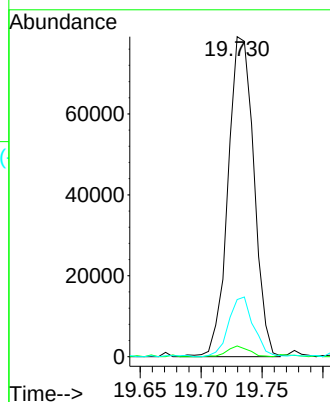
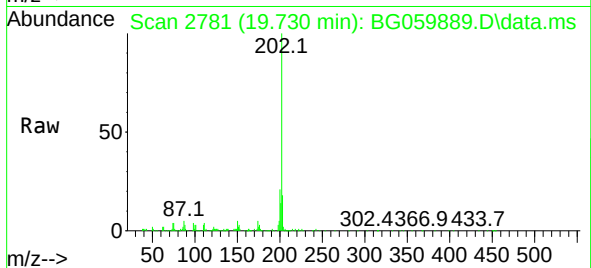
Tgt Ion:	202	Resp:	11695
Ion Ratio	Lower	Upper	
202	100		
101	3.3	0.0	22.7
203	17.8	0.0	38.2

Manual Integrations

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Supervised By :mohammad ahmed 11/28/2023



#76

Chrysene-d12

Concen: 20.000 ng

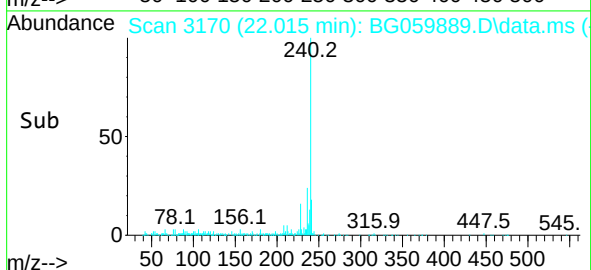
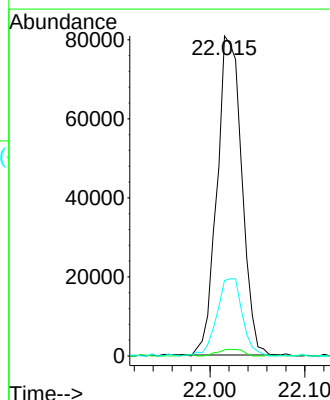
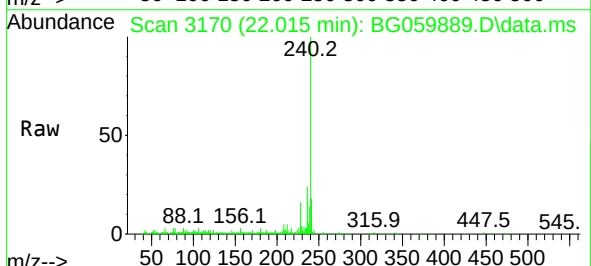
RT: 22.015 min Scan# 3170

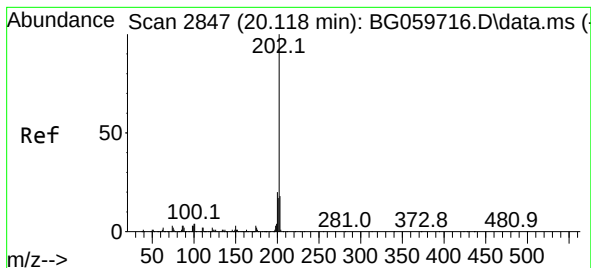
Delta R.T. -0.019 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Tgt Ion:	240	Resp:	146374
Ion Ratio	Lower	Upper	
240	100		
120	1.9	2.2	3.2#
236	23.6	19.4	29.2





#78

Pyrene

Concen: 13.045 ng

RT: 20.100 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

Tgt Ion:202 Resp: 12991

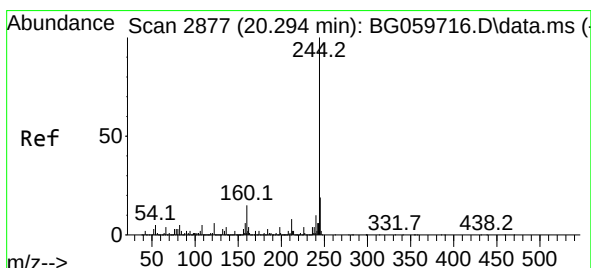
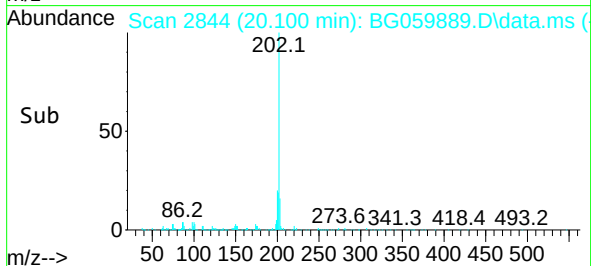
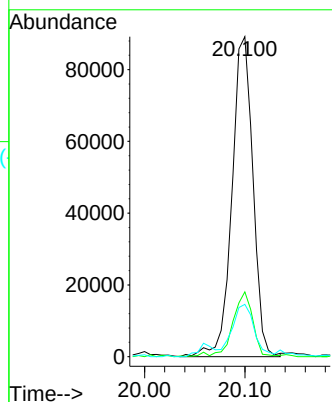
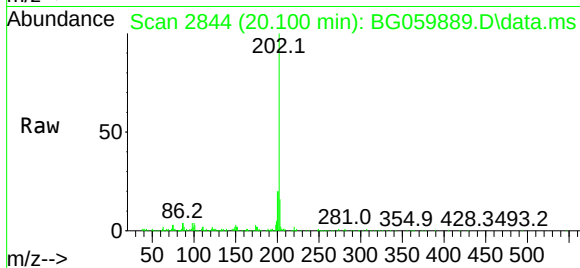
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	16.3	14.0	21.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#79

Terphenyl-d14

Concen: 52.735 ng

RT: 20.276 min Scan# 2874

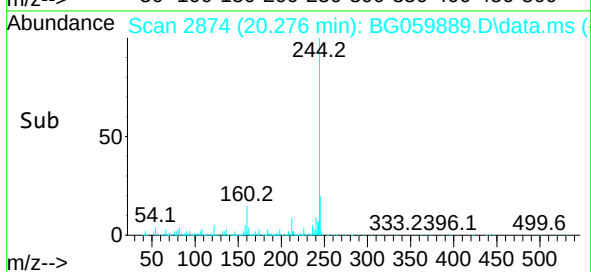
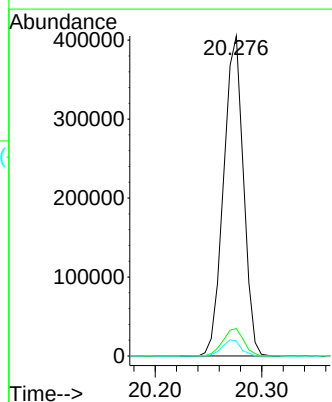
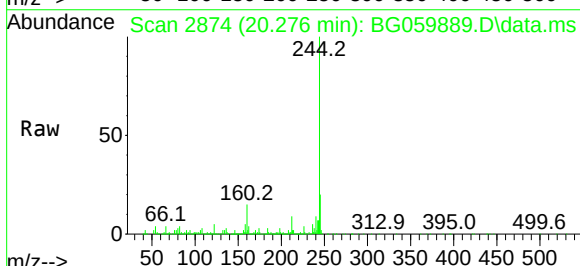
Delta R.T. -0.007 min

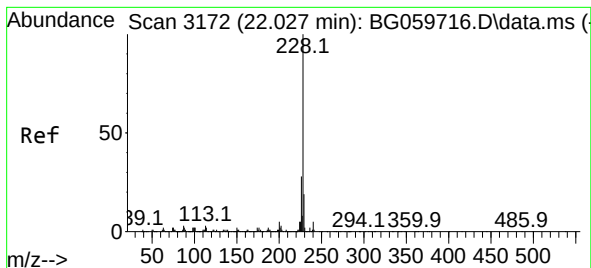
Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Tgt Ion:244 Resp: 522883

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	4.7	4.4	6.6





#81

Benzo(a)anthracene

Concen: 6.320 ng

RT: 21.998 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

Tgt Ion:228 Resp: 63290

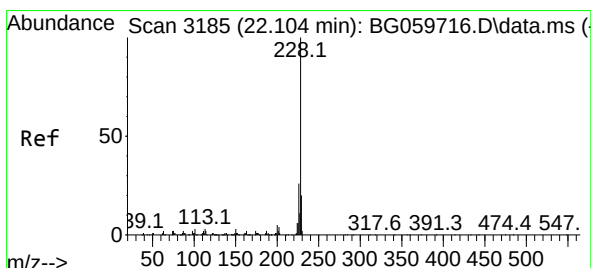
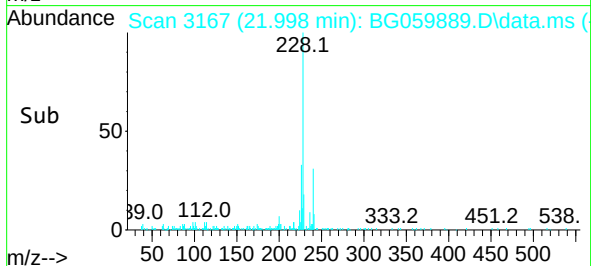
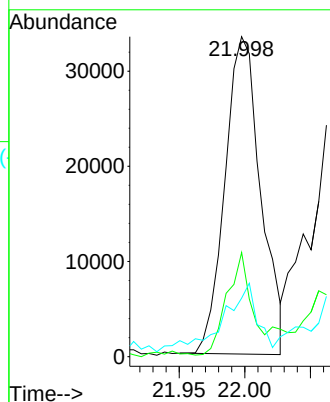
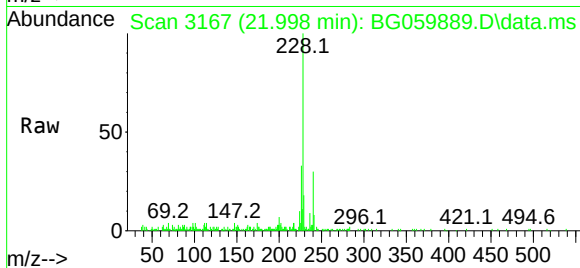
Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.1	33.1
229	18.3	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#83

Chrysene

Concen: 8.137 ng

RT: 22.068 min Scan# 3179

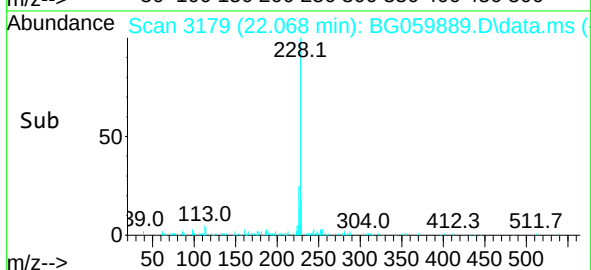
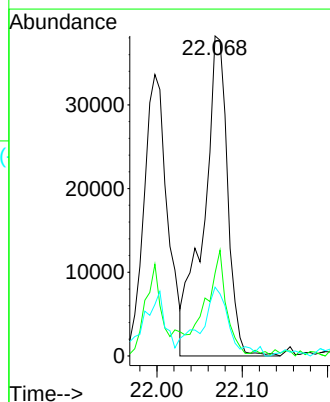
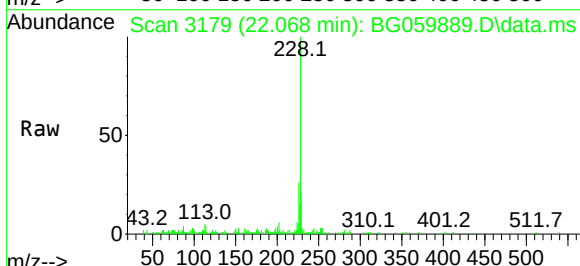
Delta R.T. -0.019 min

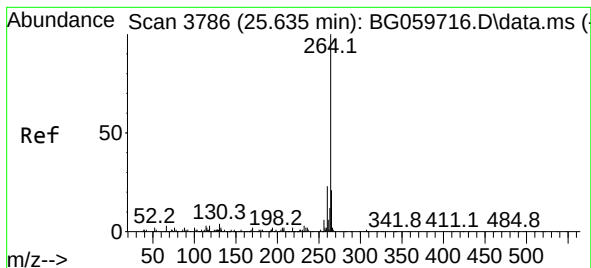
Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Tgt Ion:228 Resp: 74704

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.1	31.7
229	21.5	16.2	24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.587 min Scan# 31

Delta R.T. -0.025 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

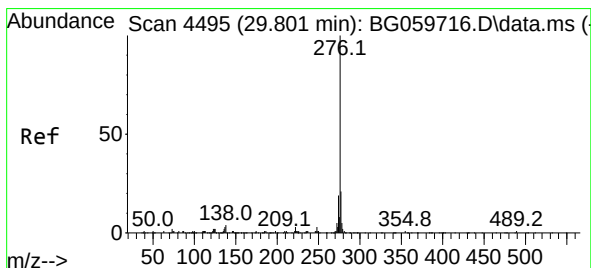
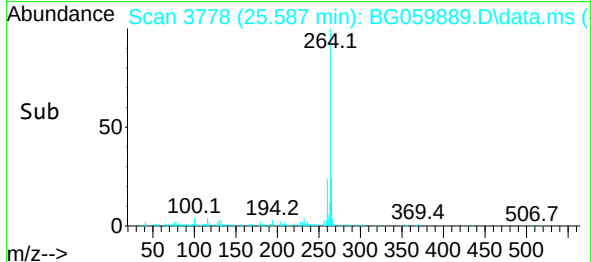
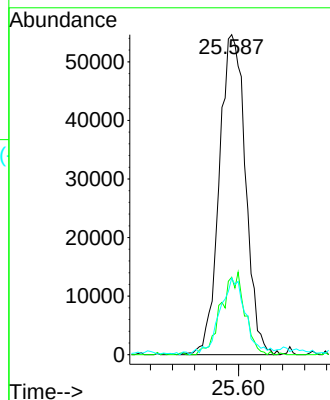
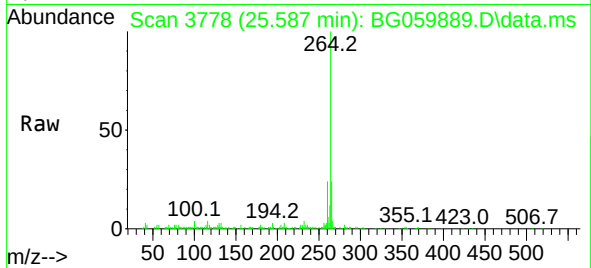
Tgt Ion:264 Resp: 180598
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 23.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.256 ng m

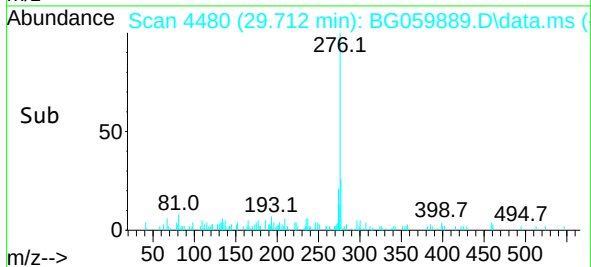
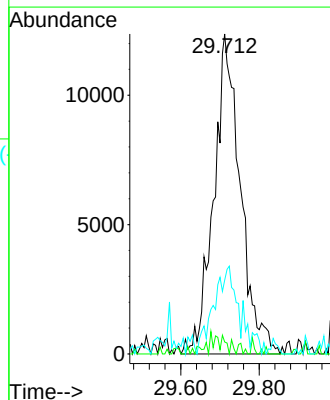
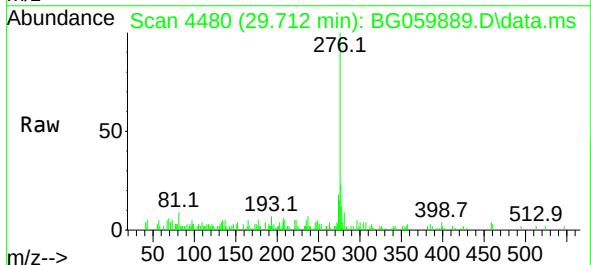
RT: 29.712 min Scan# 4480

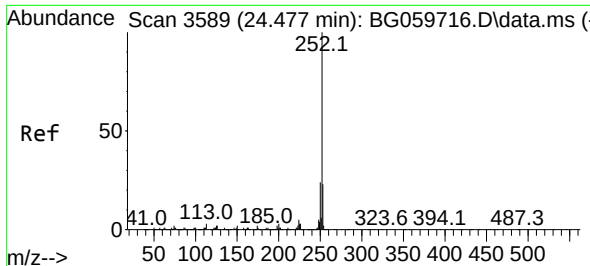
Delta R.T. -0.048 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Tgt Ion:276 Resp: 58156
 Ion Ratio Lower Upper
 276 100
 138 0.5 1.8 2.6#
 277 8.8 9.8 14.6#





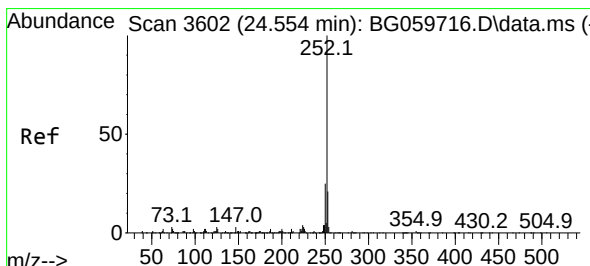
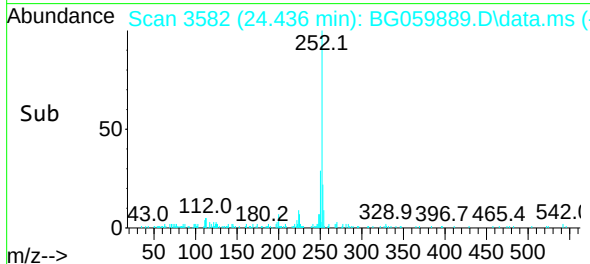
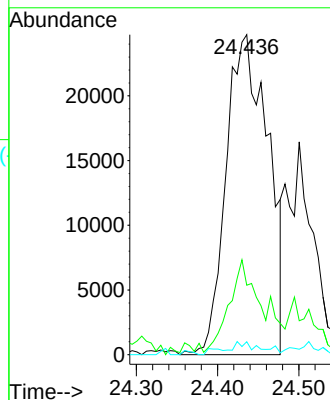
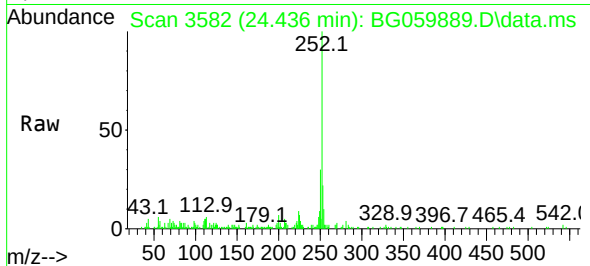
#88
Benzo(b)fluoranthene
Concen: 8.960 ng
RT: 24.436 min Scan# 3582
Delta R.T. -0.013 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Instrument :
BNA_G
ClientSampleId :
710-BROOKLYN-AVE

Tgt Ion:252 Resp: 88689
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 4.0 1.4 2.0

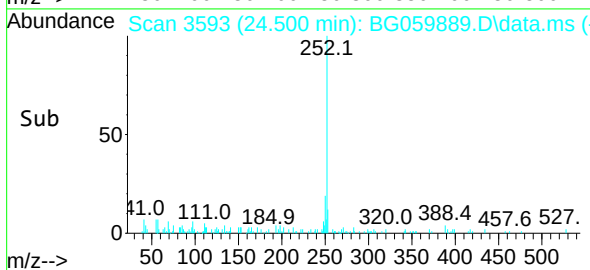
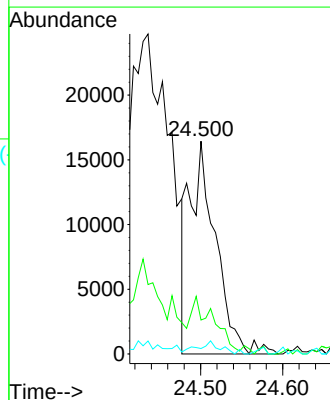
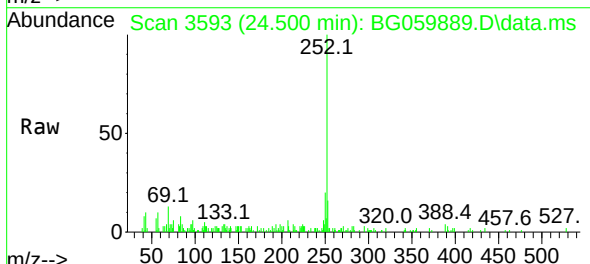
Manual Integrations
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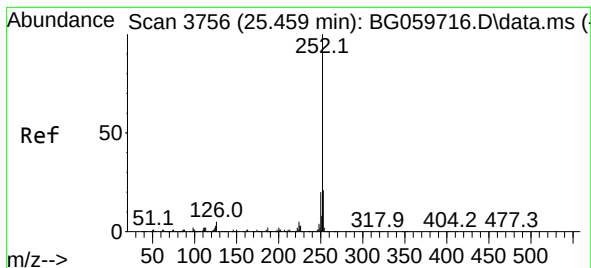
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#89
Benzo(k)fluoranthene
Concen: 3.744 ng m
RT: 24.500 min Scan# 3593
Delta R.T. -0.030 min
Lab File: BG059889.D
Acq: 25 Nov 2023 13:17

Tgt Ion:252 Resp: 36635
Ion Ratio Lower Upper
252 100
253 15.9 17.1 25.7#
125 2.5 2.2 3.2





#90

Benzo(a)pyrene

Concen: 7.002 ng

RT: 25.417 min Scan# 31

Delta R.T. -0.025 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Instrument :

BNA_G

ClientSampleId :

710-BROOKLYN-AVE

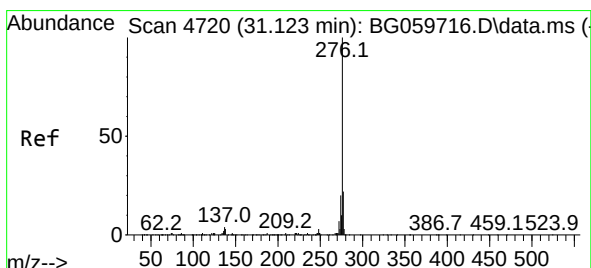
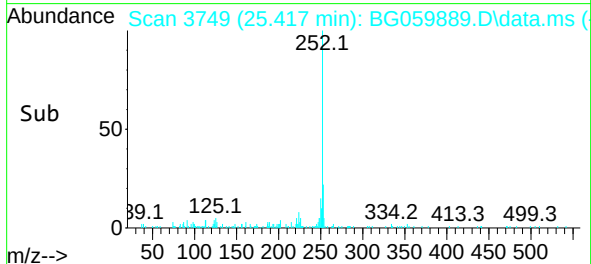
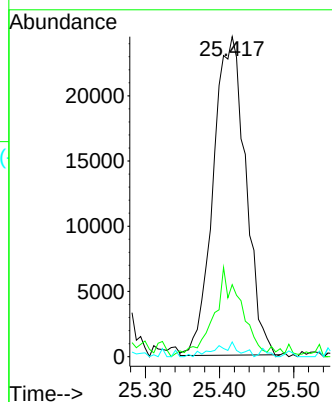
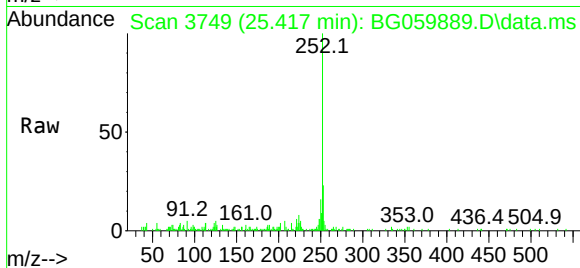
Tgt Ion:	252	Resp:	7396
Ion Ratio	Lower	Upper	
252	100		
253	22.5	16.8	25.2
125	4.6	2.0	3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 5.299 ng m

RT: 31.022 min Scan# 4703

Delta R.T. -0.072 min

Lab File: BG059889.D

Acq: 25 Nov 2023 13:17

Tgt Ion:	276	Resp:	58133
Ion Ratio	Lower	Upper	
276	100		
277	19.1	17.3	25.9
138	2.8	2.6	4.0

