

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060725.D
 Acq On : 1 Apr 2024 21:37
 Operator : MA/JU
 Sample : P1915-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 01:19:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	79878	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	370266	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	262571	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	557683	20.000	ng	-0.01
76) Chrysene-d12	21.592	240	501773	20.000	ng	-0.01
86) Perylene-d12	24.736	264	593738	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	548960	114.488	ng	0.00
7) Phenol-d6	7.115	99	844201	118.609	ng	0.00
23) Nitrobenzene-d5	9.107	82	508375	78.346	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	347153	116.471	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1146126	64.062	ng	0.00
79) Terphenyl-d14	19.959	244	1772110	62.187	ng	0.00
Target Compounds						Qvalue
58) Fluorene	15.629	166	40955	2.176	ng	# 96
71) Phenanthrene	17.374	178	625810	21.577	ng	100
72) Anthracene	17.462	178	129215	4.387	ng	97
73) Carbazole	17.726	167	61822	2.380	ng	95
75) Fluoranthene	19.383	202	925517	26.297	ng	98
78) Pyrene	19.747	202	835141	23.798	ng	99
81) Benzo(a)anthracene	21.575	228	477177	13.491	ng	99
83) Chrysene	21.639	228	422683	12.399	ng	98
84) Bis(2-ethylhexyl)phtha...	21.528	149	269892	13.228	ng	96
87) Indeno(1,2,3-cd)pyrene	28.290	276	204823	4.899	ng	# 92
88) Benzo(b)fluoranthene	23.743	252	543465	15.933	ng	# 96
89) Benzo(k)fluoranthene	23.801	252	189341m	5.423	ng	
90) Benzo(a)pyrene	24.583	252	375594	11.331	ng	# 95
92) Benzo(g,h,i)perylene	29.389	276	176198	5.139	ng	99

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

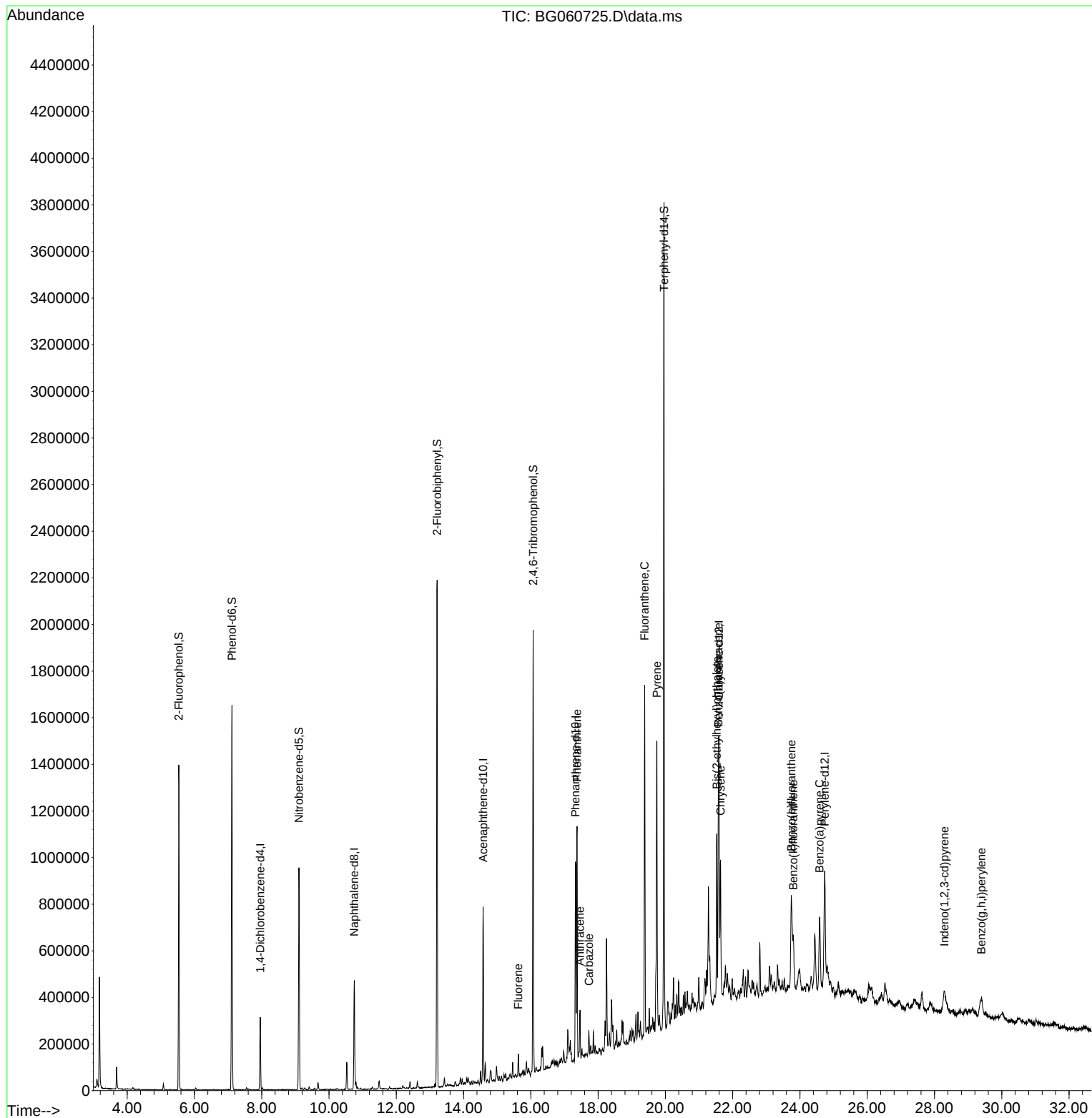
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060725.D
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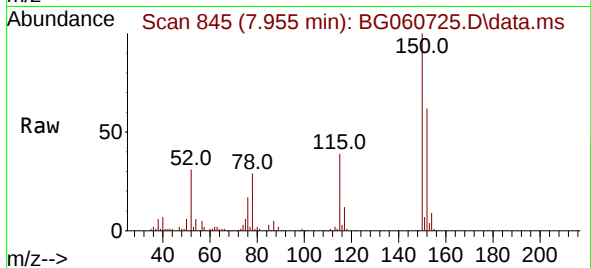
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP



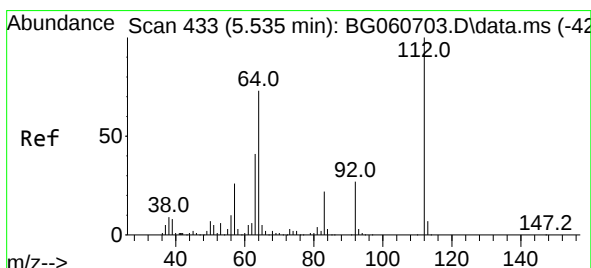
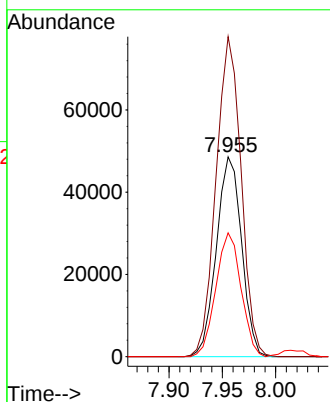
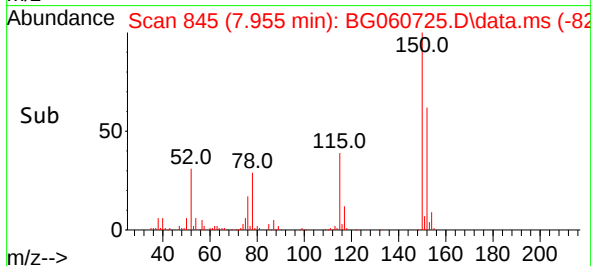
Tgt Ion:152 Resp: 79878
Ion Ratio Lower Upper
152 100
150 160.1 130.2 195.4
115 62.0 51.6 77.4

Manual Integrations

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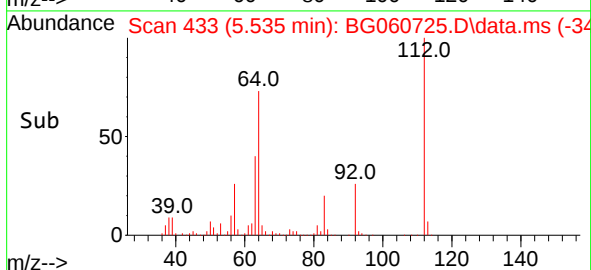
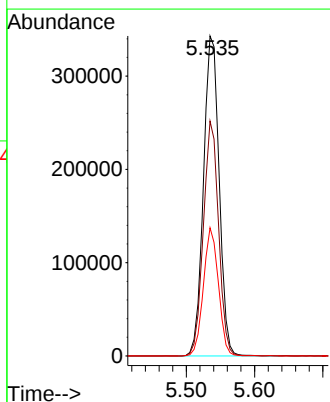
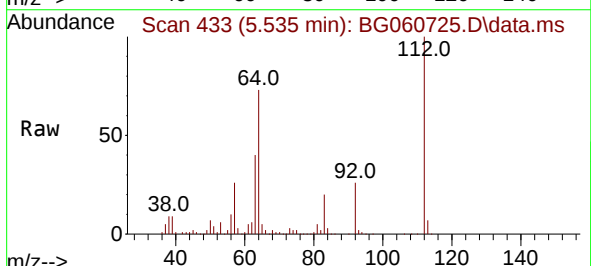
Reviewed By :Yogesh Patel 04/02/2024

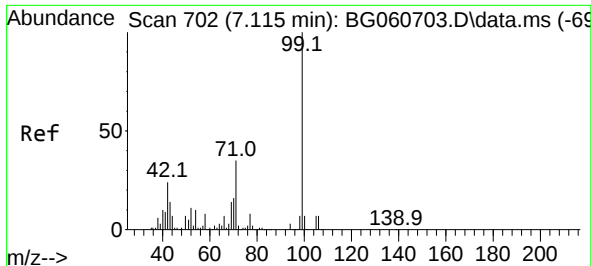
Supervised By :mohammad ahmed 04/02/2024



#5
2-Fluorophenol
Concen: 114.488 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Tgt Ion:112 Resp: 548960
Ion Ratio Lower Upper
112 100
64 73.4 58.4 87.6
63 40.1 32.7 49.1





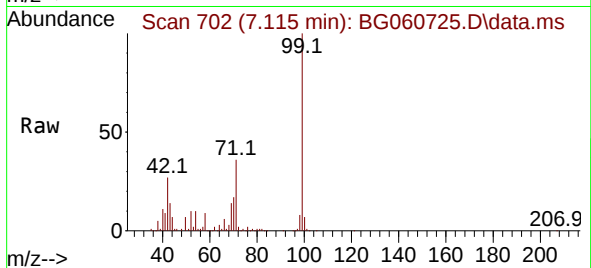
#7
Phenol-d6
Concen: 118.609 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

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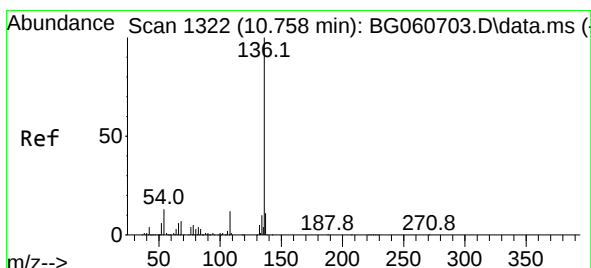
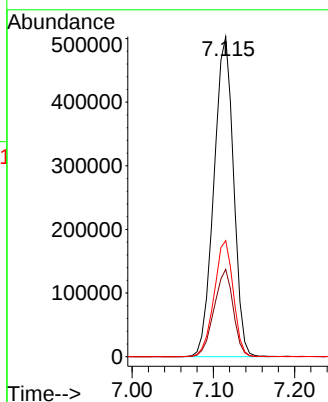
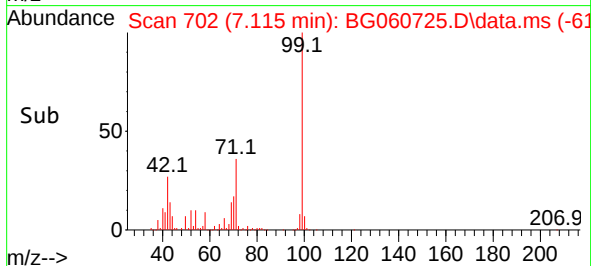
Tgt Ion: 99 Resp: 84420
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 36.3 28.2 42.2

Manual Integrations

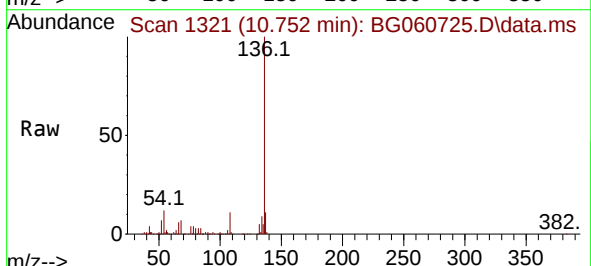
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

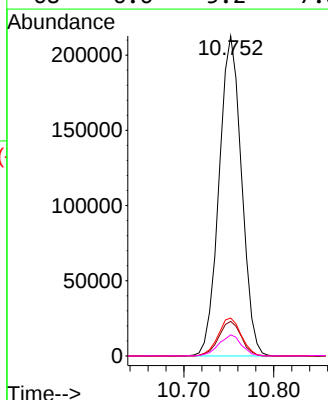
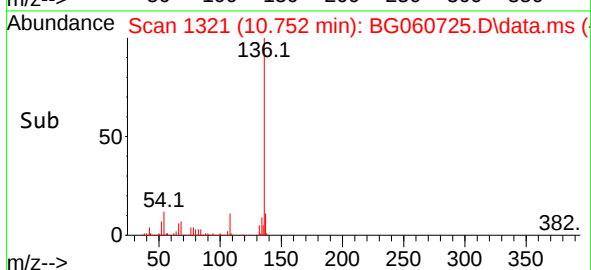
Supervised By :mohammad ahmed 04/02/2024

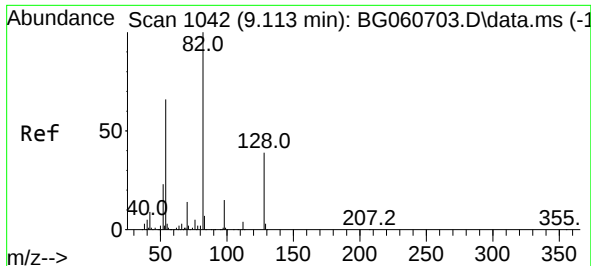


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37



Tgt Ion:136 Resp: 370266
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.8 10.2 15.2
68 6.6 5.2 7.8





#23
Nitrobenzene-d5
Concen: 78.346 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

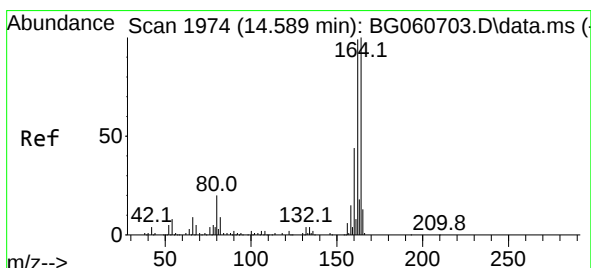
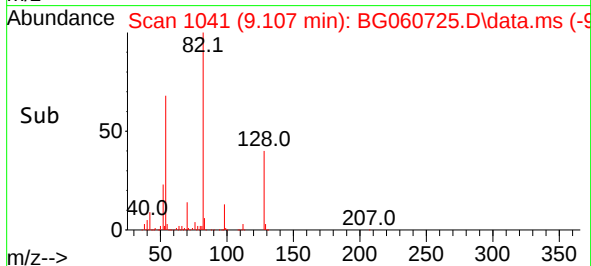
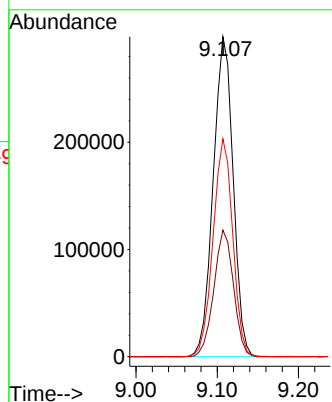
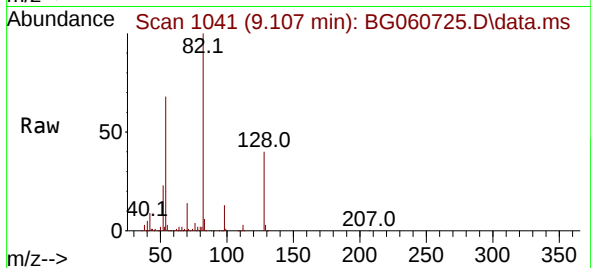
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Tgt Ion: 82 Resp: 50837
Ion Ratio Lower Upper
82 100
128 39.5 31.2 46.8
54 68.1 53.2 79.8

Manual Integrations

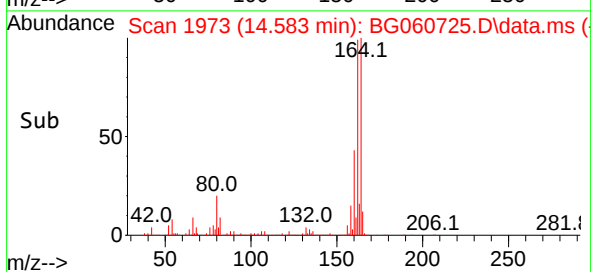
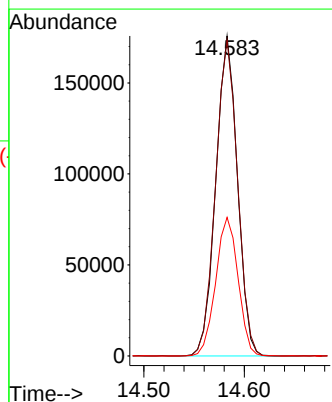
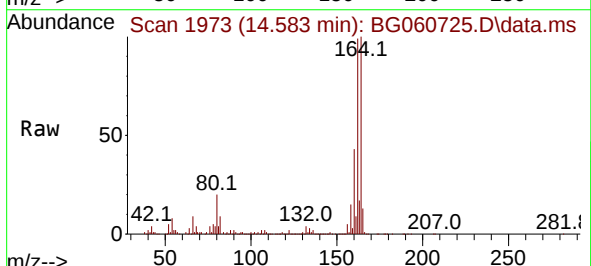
APPROVED

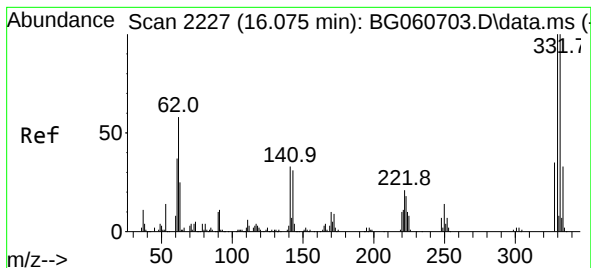
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Tgt Ion:164 Resp: 262571
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 43.3 35.4 53.0





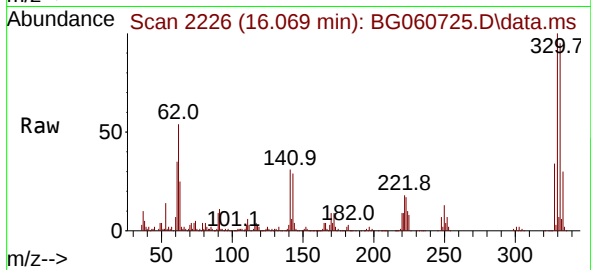
#42
2,4,6-Tribromophenol
Concen: 116.471 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP



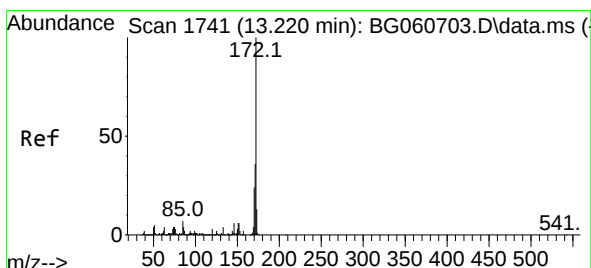
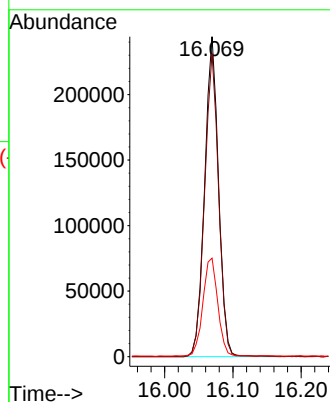
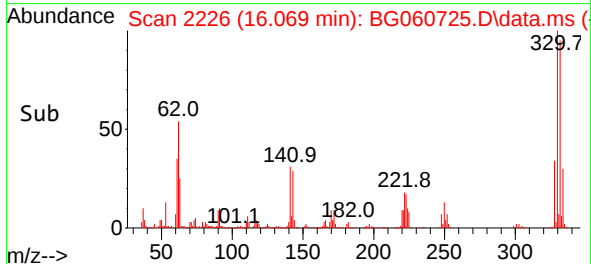
Tgt Ion:330 Resp: 34715
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.4
141 32.7 27.0 40.6

Manual Integrations

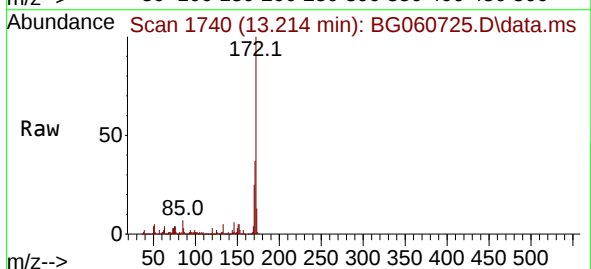
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

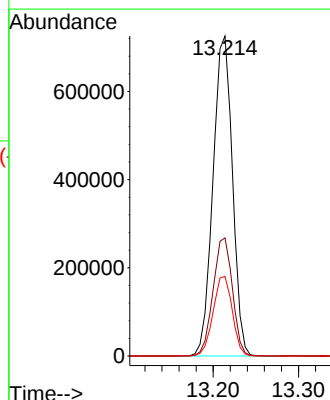
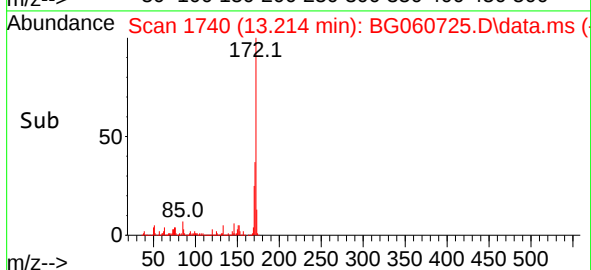
Supervised By :mohammad ahmed 04/02/2024

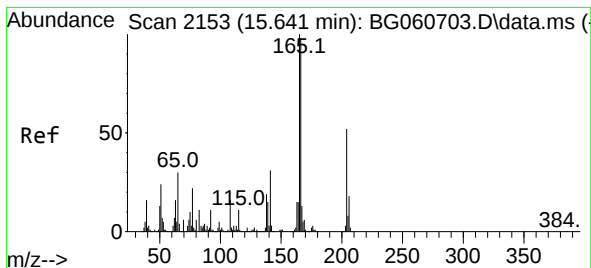


#45
2-Fluorobiphenyl
Concen: 64.062 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37



Tgt Ion:172 Resp: 1146126
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.9 19.4 29.0





#58

Fluorene

Concen: 2.176 ng

RT: 15.629 min Scan# 2151

Delta R.T. -0.012 min

Lab File: BG060725.D

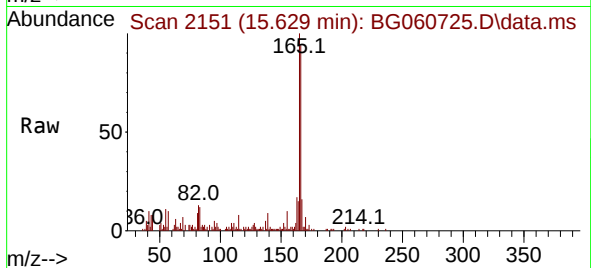
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP



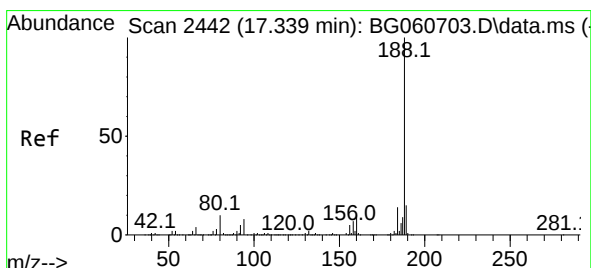
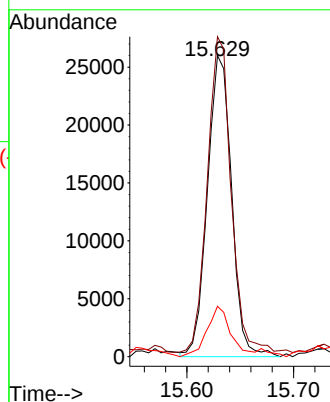
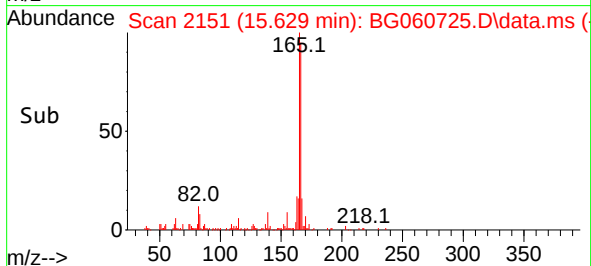
Tgt Ion:	166	Resp:	4095
Ion Ratio	Lower	Upper	
166	100		
165	106.2	81.8	122.8
167	16.7	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

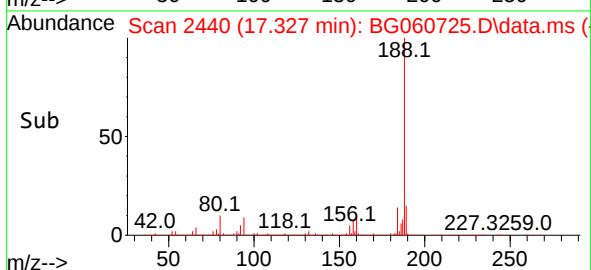
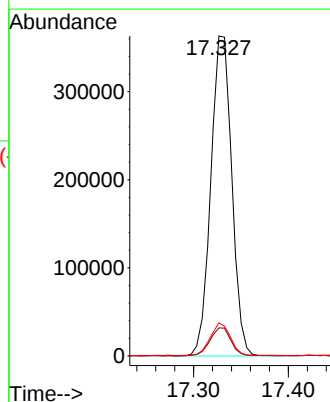
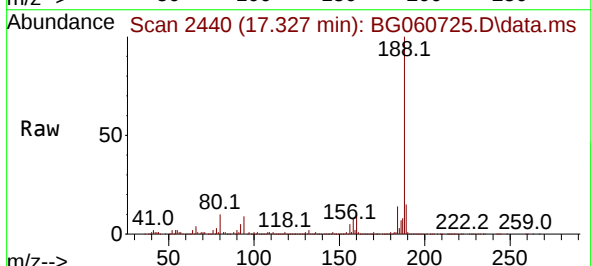
RT: 17.327 min Scan# 2440

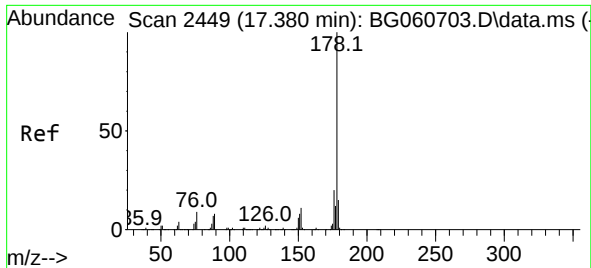
Delta R.T. -0.012 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Tgt Ion:	188	Resp:	557683
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.6	9.8
80	10.4	7.6	11.4





#71
Phenanthrene
Concen: 21.577 ng
RT: 17.374 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

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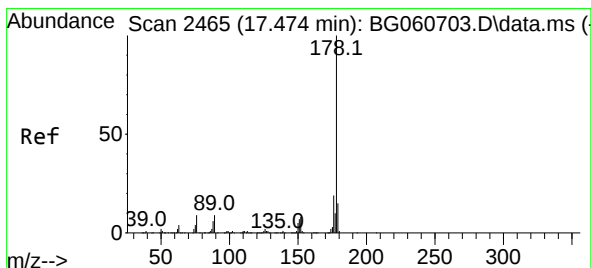
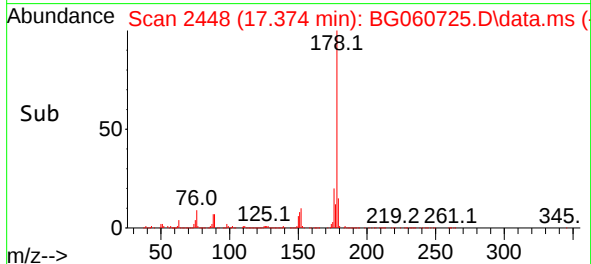
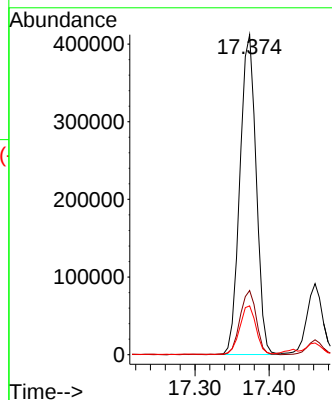
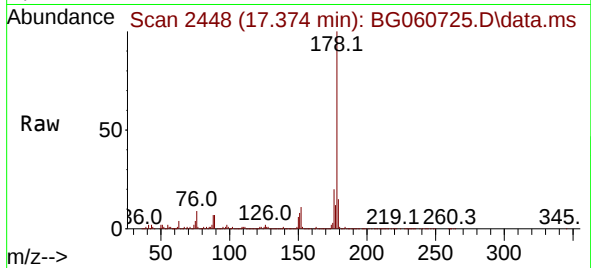
WC-A-COMP

Tgt Ion:178 Resp: 625810
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.3 12.2 18.4

Manual Integrations

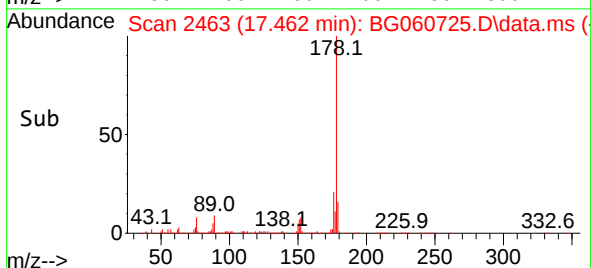
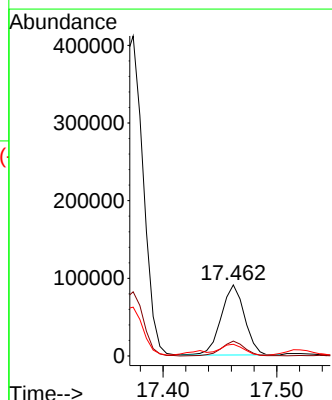
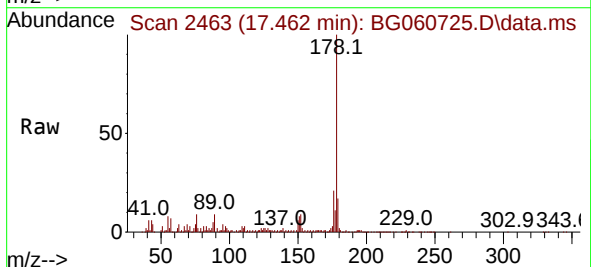
APPROVED

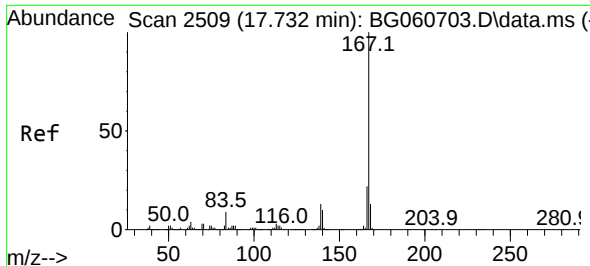
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#72
Anthracene
Concen: 4.387 ng
RT: 17.462 min Scan# 2463
Delta R.T. -0.012 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

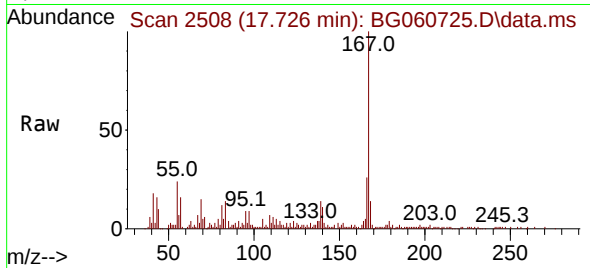
Tgt Ion:178 Resp: 129215
Ion Ratio Lower Upper
178 100
176 20.9 15.5 23.3
179 16.5 12.2 18.2





#73
 Carbazole
 Concen: 2.380 ng
 RT: 17.726 min Scan# 2509
 Delta R.T. -0.006 min
 Lab File: BG060725.D
 Acq: 1 Apr 2024 21:37

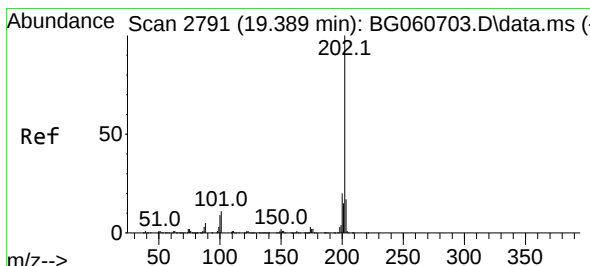
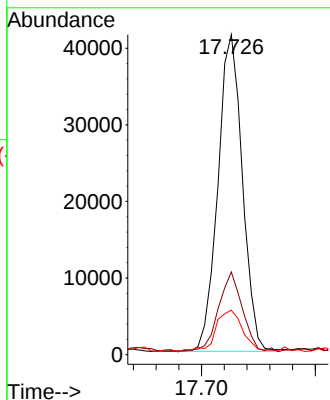
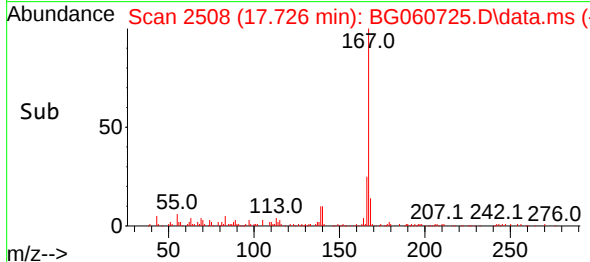
Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMP



Tgt Ion:167 Resp: 6182
 Ion Ratio Lower Upper
 167 100
 166 25.9 18.0 27.0
 139 13.9 10.5 15.7

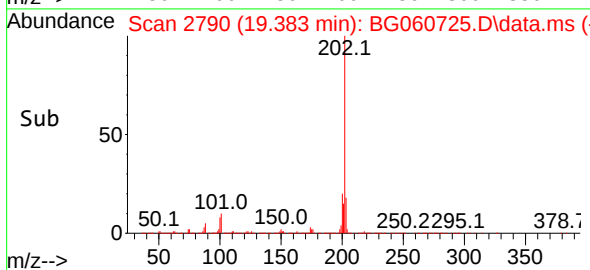
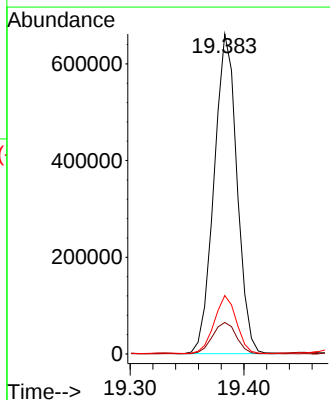
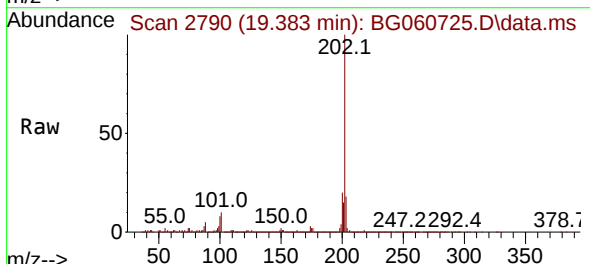
Manual Integrations
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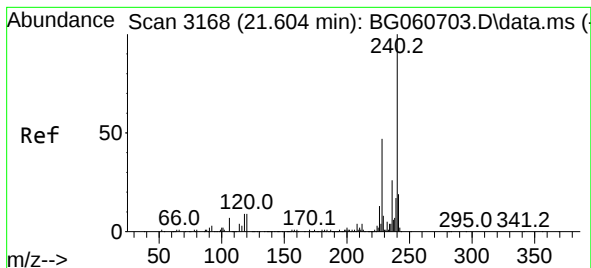
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024



#75
 Fluoranthene
 Concen: 26.297 ng
 RT: 19.383 min Scan# 2790
 Delta R.T. -0.006 min
 Lab File: BG060725.D
 Acq: 1 Apr 2024 21:37

Tgt Ion:202 Resp: 925517
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.8
 203 18.3 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

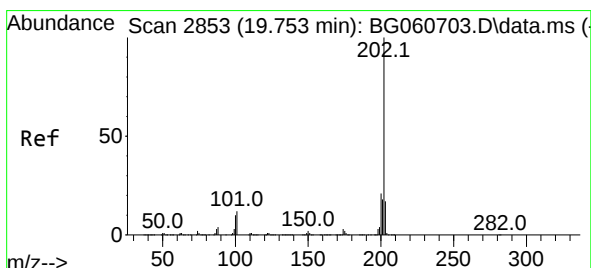
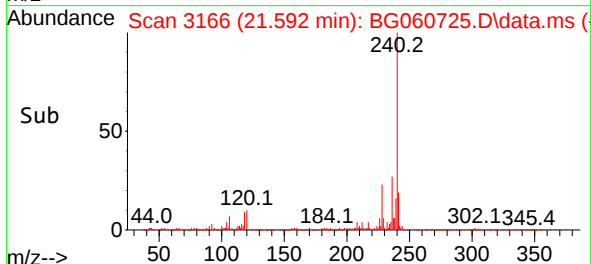
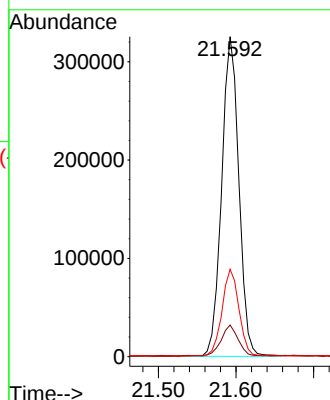
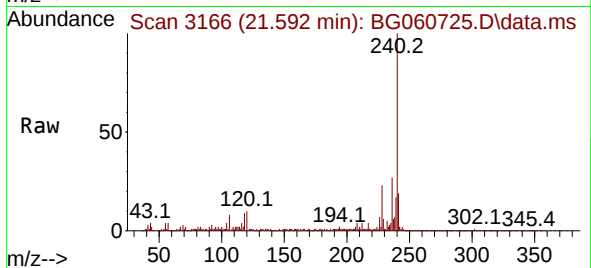
WC-A-COMP

Tgt Ion:240 Resp: 50177
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 27.3 20.7 31.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024



#78

Pyrene

Concen: 23.798 ng

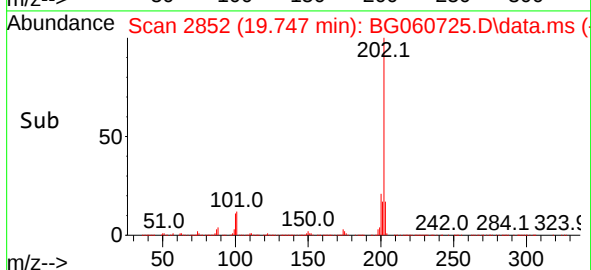
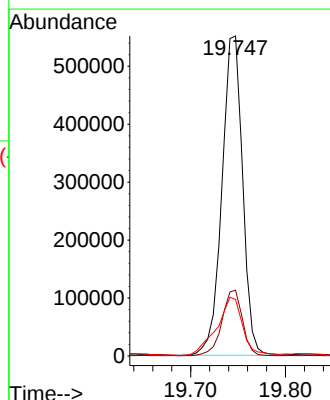
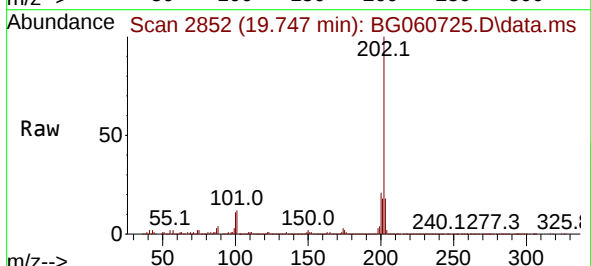
RT: 19.747 min Scan# 2852

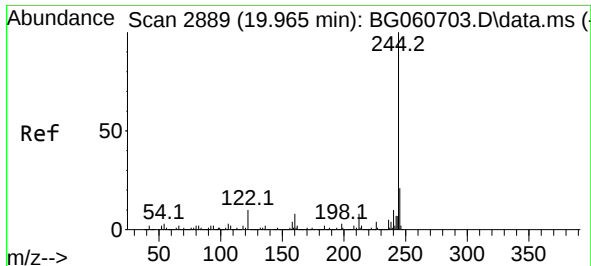
Delta R.T. -0.006 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Tgt Ion:202 Resp: 835141
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.0 25.4
 203 17.7 14.0 21.0





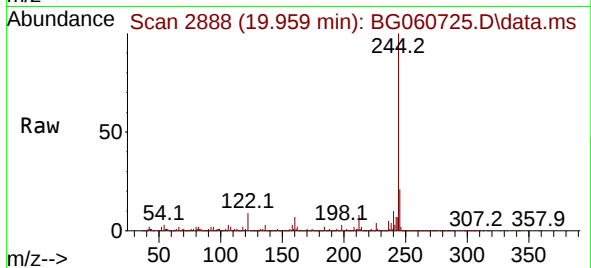
#79
 Terphenyl-d14
 Concen: 62.187 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060725.D
 Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP



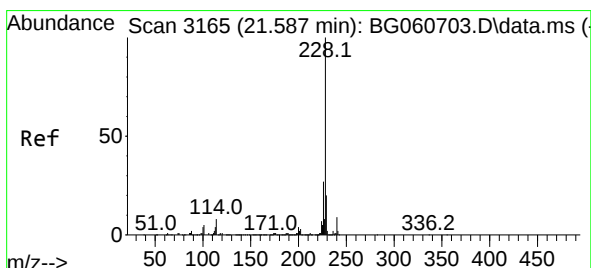
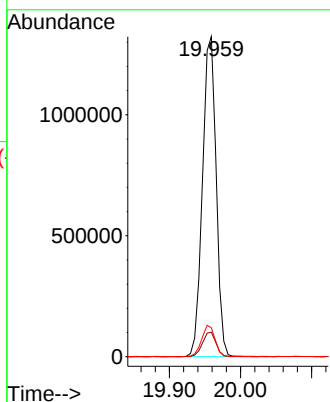
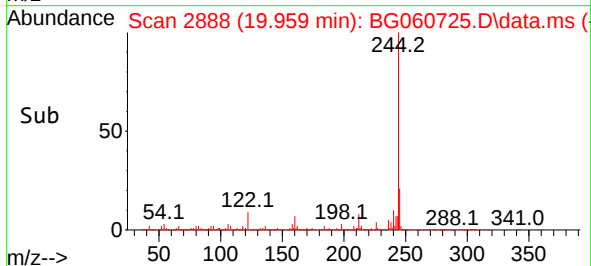
Tgt Ion:244 Resp: 1772110
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.0 7.8 11.8

Manual Integrations

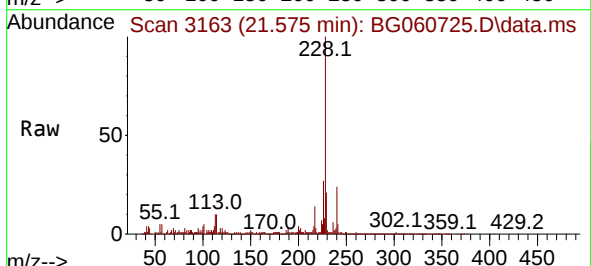
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

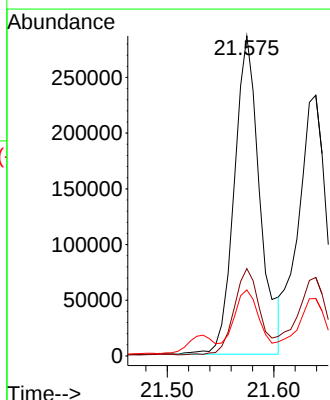
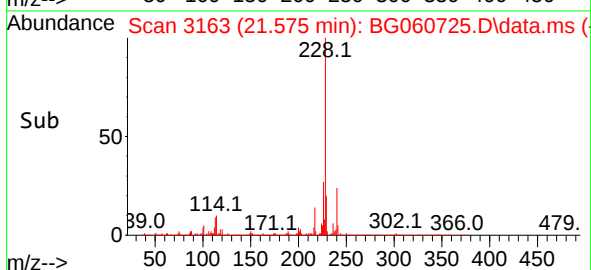
Supervised By :mohammad ahmed 04/02/2024

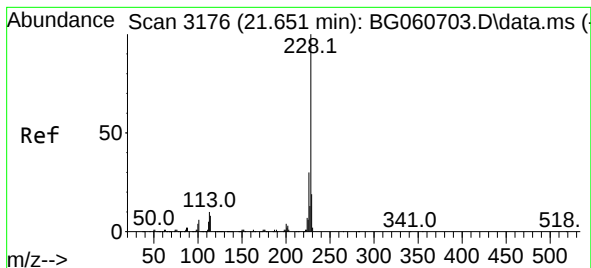


#81
 Benzo(a)anthracene
 Concen: 13.491 ng
 RT: 21.575 min Scan# 3163
 Delta R.T. -0.012 min
 Lab File: BG060725.D
 Acq: 1 Apr 2024 21:37



Tgt Ion:228 Resp: 477177
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.7 32.5
 229 20.7 15.8 23.8





#83

Chrysene

Concen: 12.399 ng

RT: 21.639 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

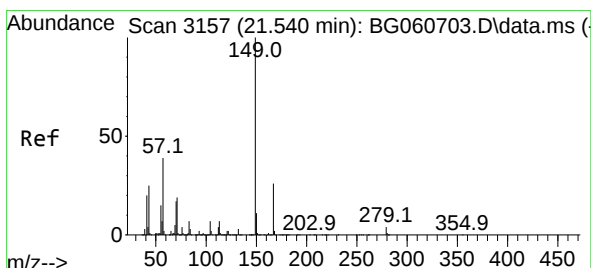
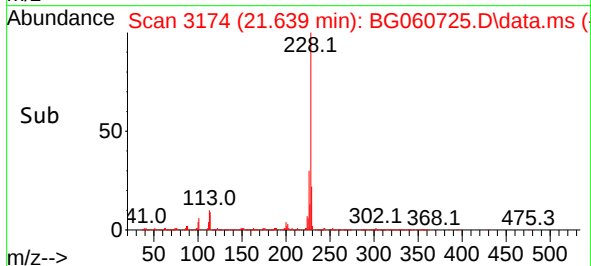
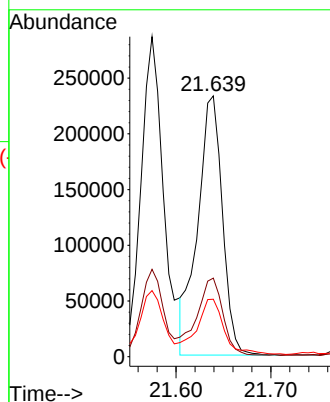
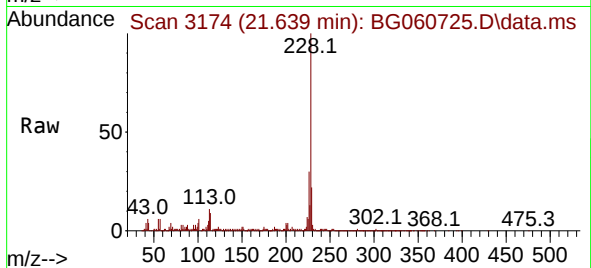
WC-A-COMP

Tgt Ion:228 Resp: 422683
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.4
 229 22.0 15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.228 ng

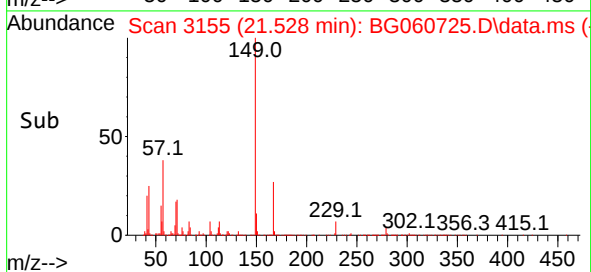
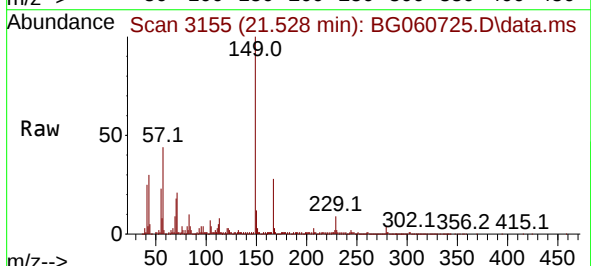
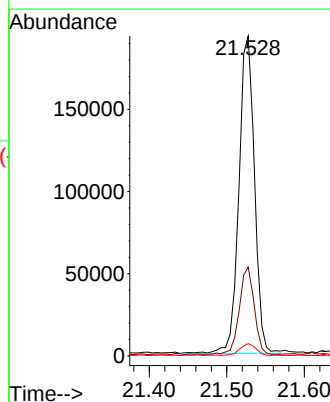
RT: 21.528 min Scan# 3155

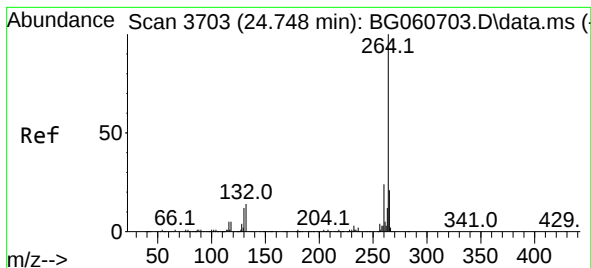
Delta R.T. -0.012 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Tgt Ion:149 Resp: 269892
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.6 30.8
 279 3.8 3.0 4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.736 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG060725.D

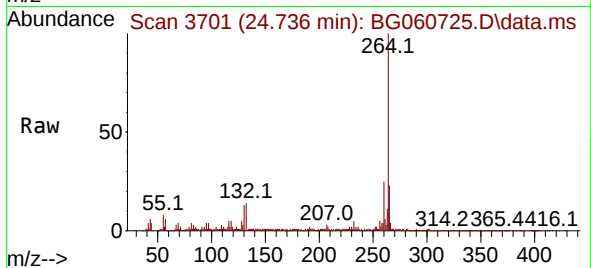
Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP



Tgt Ion:264 Resp: 593738

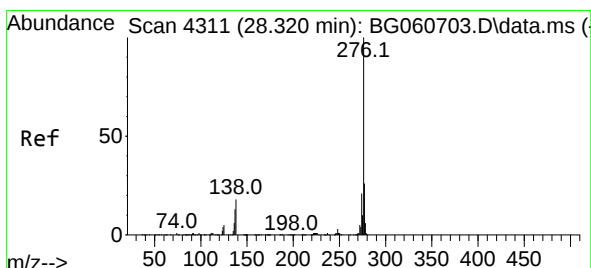
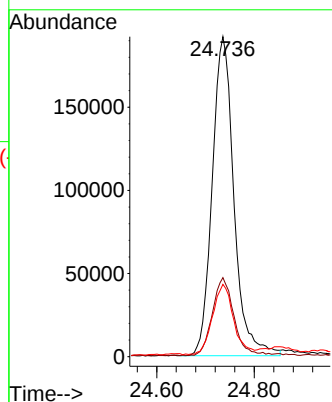
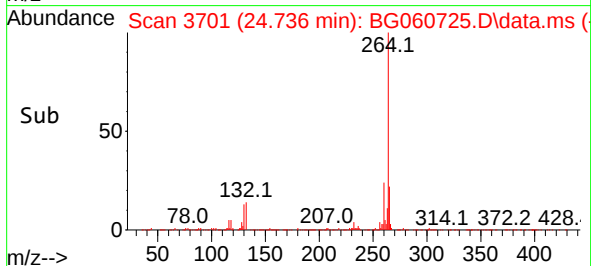
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	16.9	25.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.899 ng

RT: 28.290 min Scan# 4306

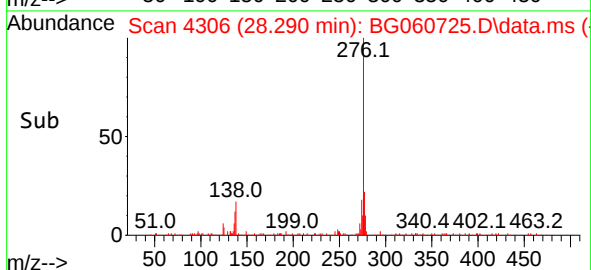
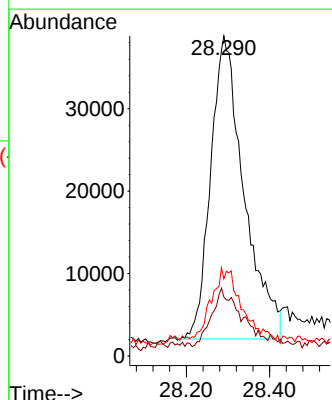
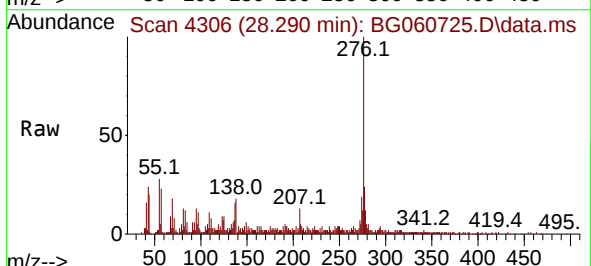
Delta R.T. -0.030 min

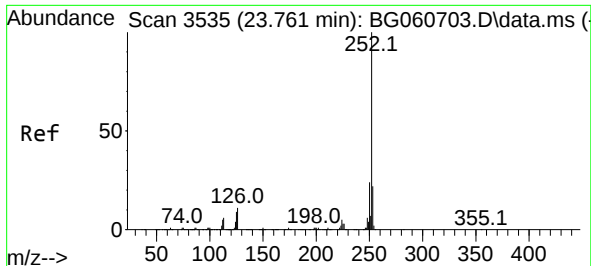
Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Tgt Ion:276 Resp: 204823

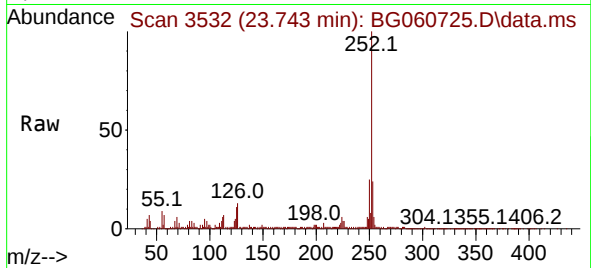
Ion	Ratio	Lower	Upper
276	100		
138	17.2	12.4	18.6
277	20.1	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 15.933 ng
RT: 23.743 min Scan# 3535
Delta R.T. -0.018 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37

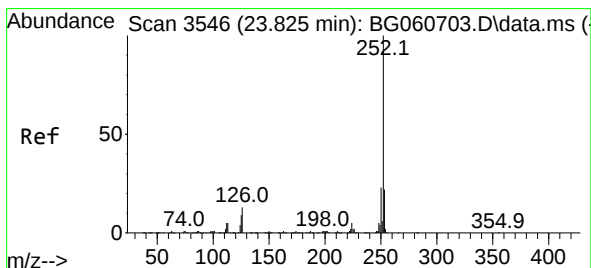
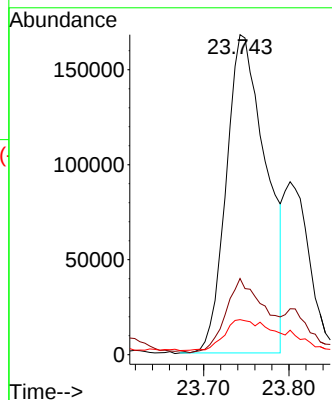
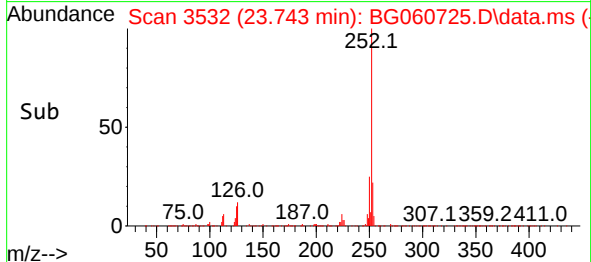
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP



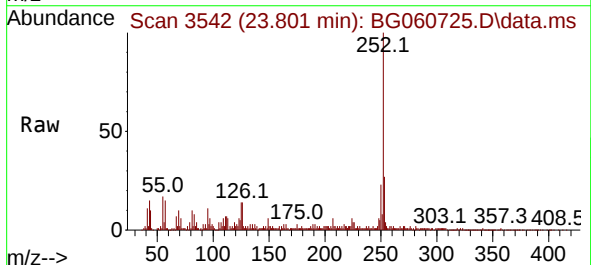
Tgt Ion:252 Resp: 54346
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 10.9 7.1 10.7

Manual Integrations
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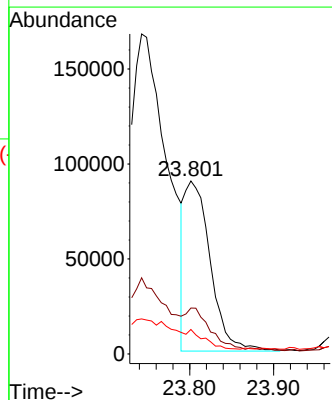
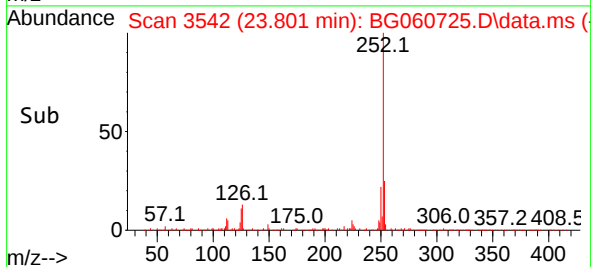
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

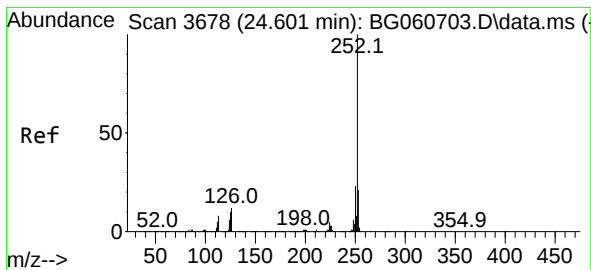


#89
Benzo(k)fluoranthene
Concen: 5.423 ng m
RT: 23.801 min Scan# 3542
Delta R.T. -0.024 min
Lab File: BG060725.D
Acq: 1 Apr 2024 21:37



Tgt Ion:252 Resp: 189341
Ion Ratio Lower Upper
252 100
253 26.5 17.6 26.4#
125 14.1 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 11.331 ng

RT: 24.583 min Scan# 3

Delta R.T. -0.018 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP

Tgt Ion:252 Resp: 375594

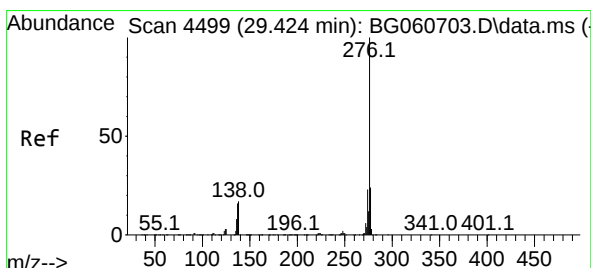
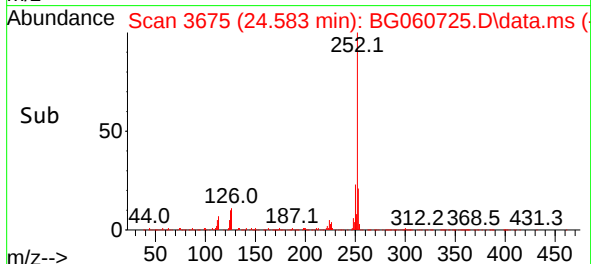
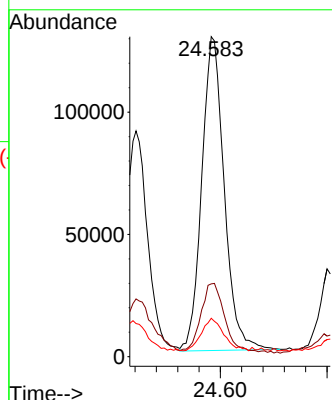
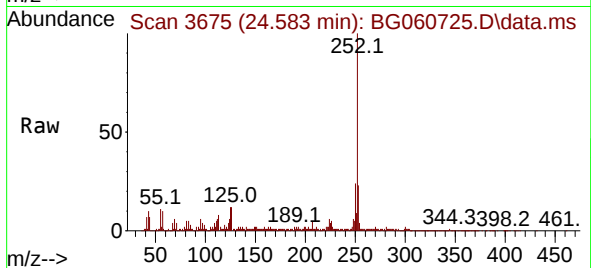
Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	12.0	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#92

Benzo(g,h,i)perylene

Concen: 5.139 ng

RT: 29.389 min Scan# 4493

Delta R.T. -0.035 min

Lab File: BG060725.D

Acq: 1 Apr 2024 21:37

Tgt Ion:276 Resp: 176198

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	18.2	14.0	21.0

