

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046633.D
 Acq On : 16 Jul 2024 14:28
 Operator : MA/JU
 Sample : P3139-02MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D00MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 14:59:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.502	152	3124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	8595	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	5898	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	12828	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	9196	0.400	ng/ul	# 0.00
23) Perylene-d12	23.256	264	10511	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	862	0.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	4390	0.317	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	10973	0.392	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.147	88	2396	0.875	ng/ul#	85
5) Naphthalene	10.310	128	10733	0.491	ng/ul	98
7) 2-Methylnaphthalene	11.937	142	7913	0.515	ng/ul	100
8) 1-Methylnaphthalene	12.163	142	7944	0.507	ng/ul	98
10) Acenaphthylene	13.864	152	20951	0.780	ng/ul	97
11) Acenaphthene	14.211	153	8270	0.460	ng/ul	97
12) Fluorene	15.205	166	10951m	0.492	ng/ul	
14) Pentachlorophenol	16.559	266	3940	0.606	ng/ul	98
15) Phenanthrene	16.943	178	109373	2.988	ng/ul	98
16) Anthracene	17.032	178	28637	0.802	ng/ul	99
19) Fluoranthene	18.970	202	224935	5.955	ng/ul	99
20) Pyrene	19.337	202	124870	3.053	ng/ul	99
21) Benzo(a)anthracene	21.096	228	92477	2.273	ng/ul	96
22) Chrysene	21.146	228	110713	2.813	ng/ul	98
24) Benzo(b)fluoranthene	22.621	252	132102m	3.147	ng/ul	
25) Benzo(k)fluoranthene	22.662	252	58984m	1.431	ng/ul	
26) Benzo(a)pyrene	23.162	252	35332	1.023	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.386	276	45332	0.862	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.400	278	26806	0.644	ng/ul#	86
29) Benzo(g,h,i)perylene	26.027	276	6076	0.145	ng/ul#	57

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

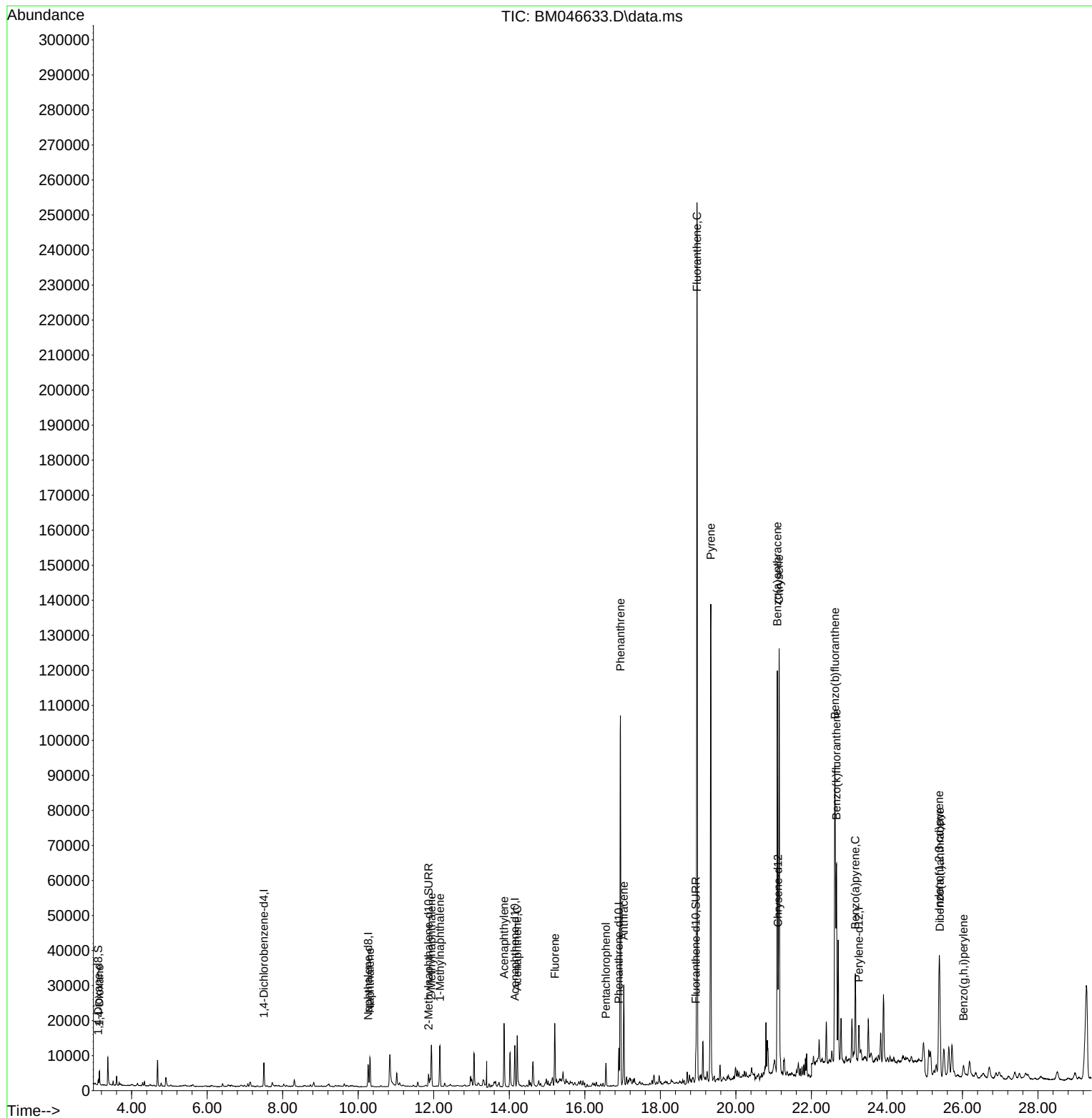
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046633.D
Acq On : 16 Jul 2024 14:28
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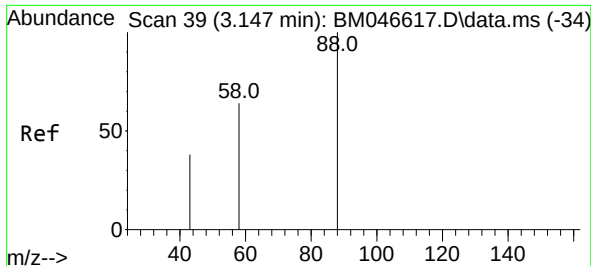
Instrument :
BNA_M
ClientSampleId :
A4D00MS

Quant Time: Jul 16 14:59:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

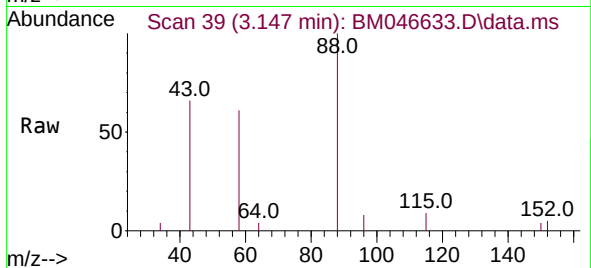
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#2
1,4-Dioxane
Concen: 0.875 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.005 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

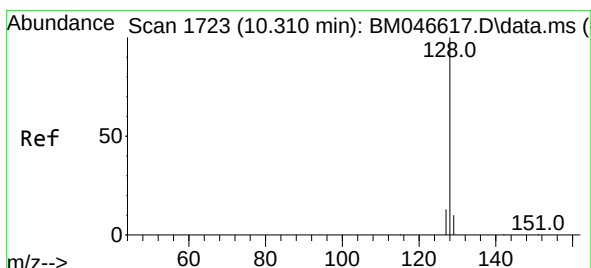
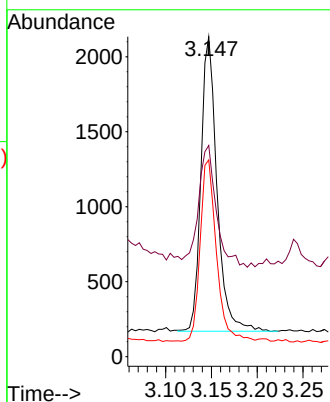
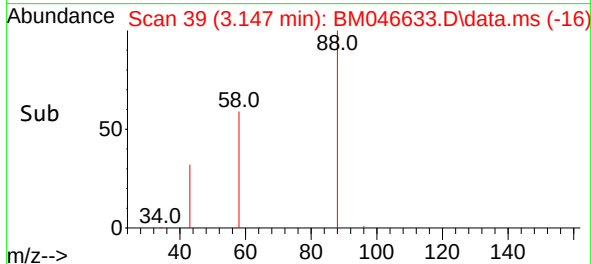
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion: 88 Resp: 2390
Ion Ratio Lower Upper
88 100
43 66.0 70.2 105.4
58 61.5 48.2 72.4

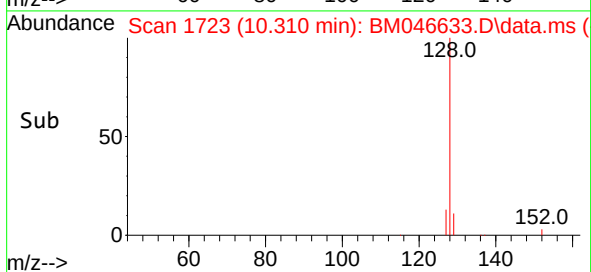
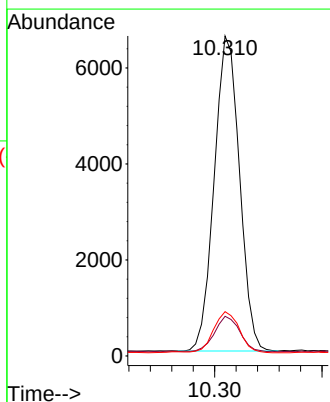
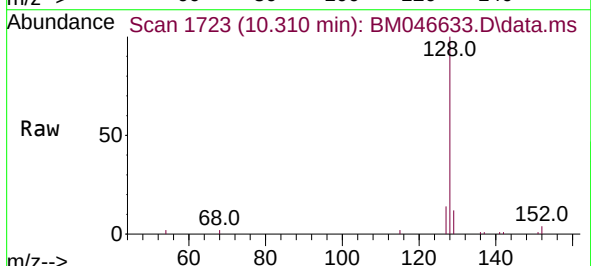
Manual Integrations
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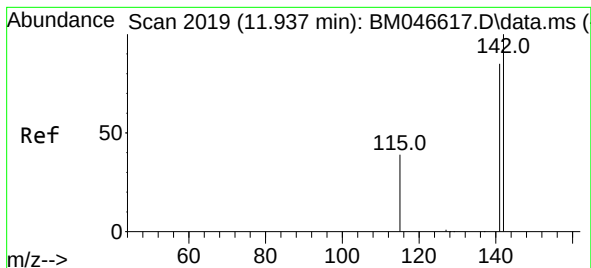
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#5
Naphthalene
Concen: 0.491 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

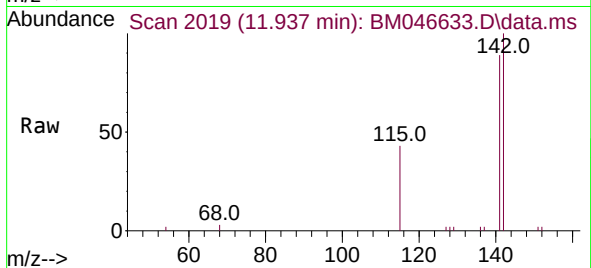
Tgt Ion:128 Resp: 10733
Ion Ratio Lower Upper
128 100
129 12.4 10.3 15.5
127 13.9 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.515 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

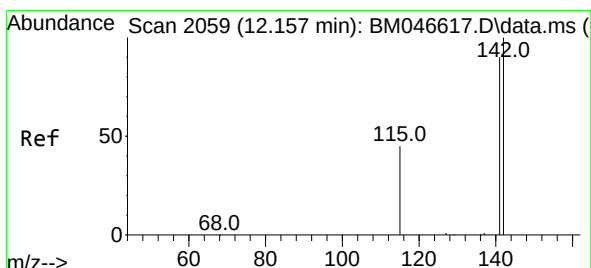
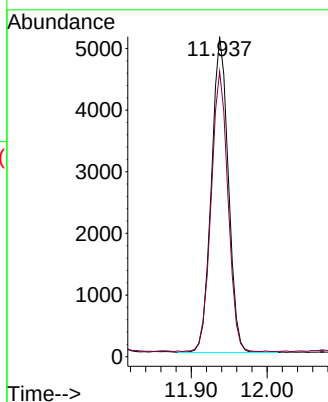
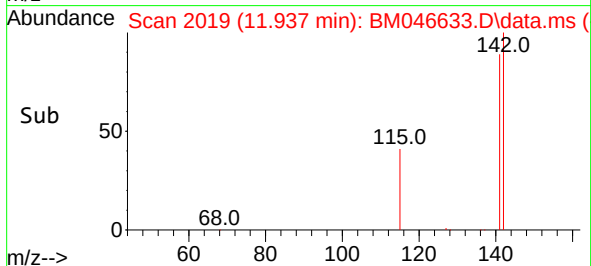
Instrument :
BNA_M
ClientSampleId :
A4D00MS



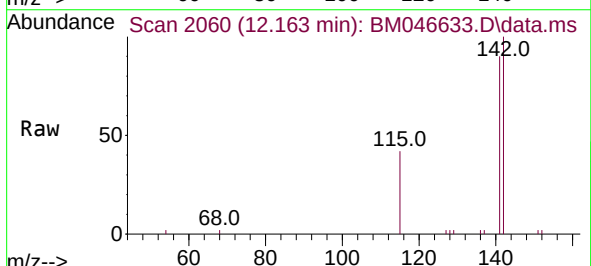
Tgt Ion:142 Resp: 7911
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5

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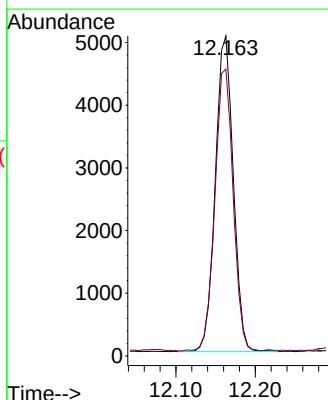
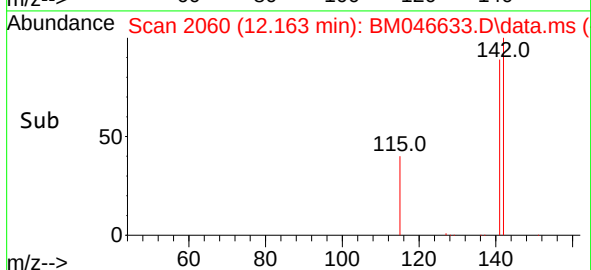
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

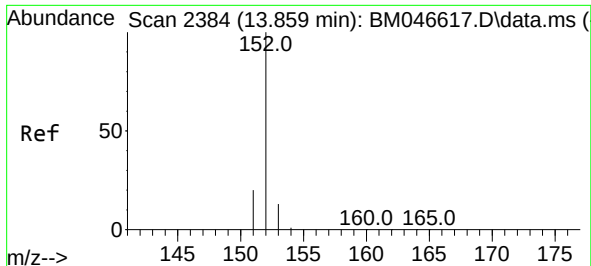


#8
1-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28



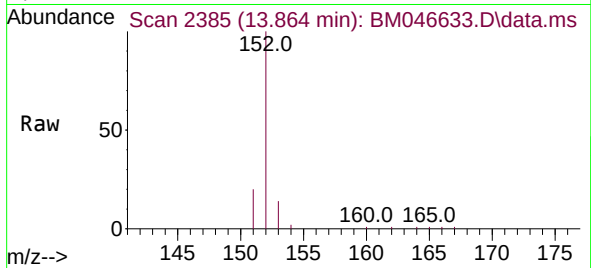
Tgt Ion:142 Resp: 7944
Ion Ratio Lower Upper
142 100
141 90.4 73.9 110.9





#10
Acenaphthylene
Concen: 0.780 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

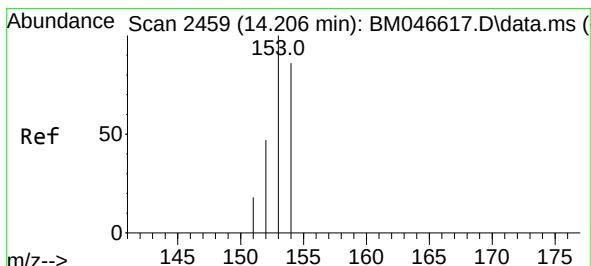
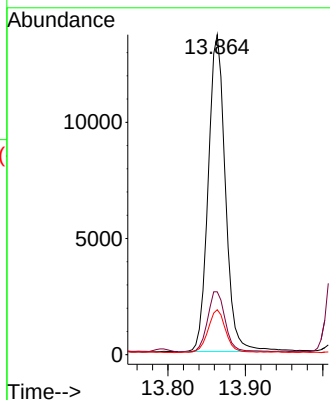
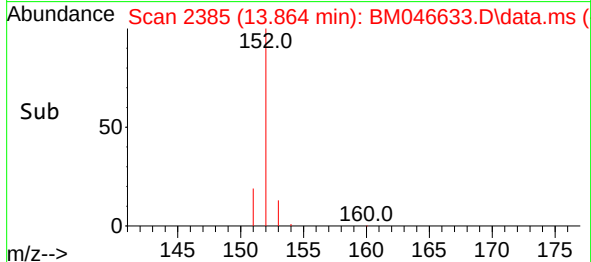
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:152 Resp: 2095
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 14.1 12.4 18.6

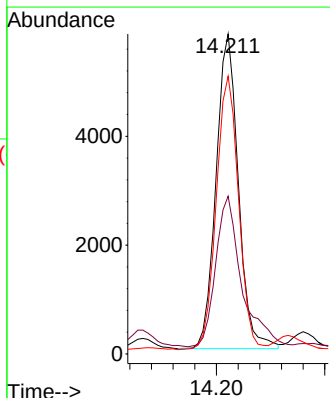
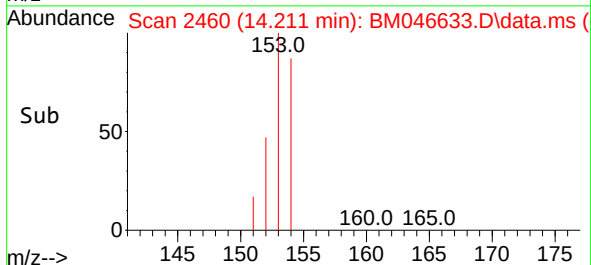
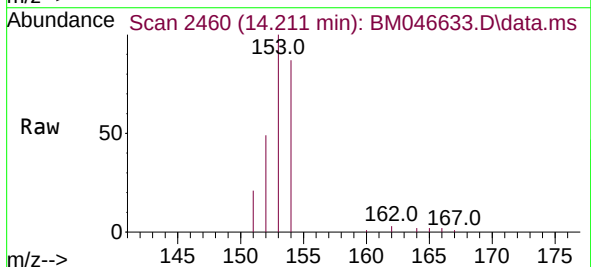
Manual Integrations
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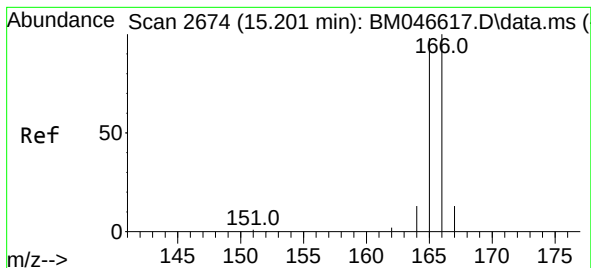
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.460 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

Tgt Ion:153 Resp: 8270
Ion Ratio Lower Upper
153 100
152 49.3 43.0 64.6
154 86.8 69.9 104.9





#12

Fluorene

Concen: 0.492 ng/ul m

RT: 15.205 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM046633.D

Acq: 16 Jul 2024 14:28

Instrument :

BNA_M

ClientSampleId :

A4D00MS

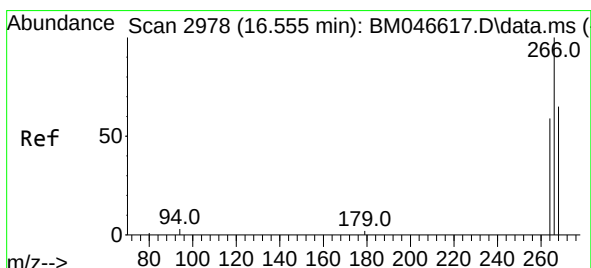
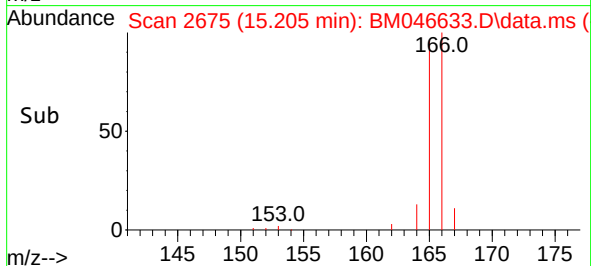
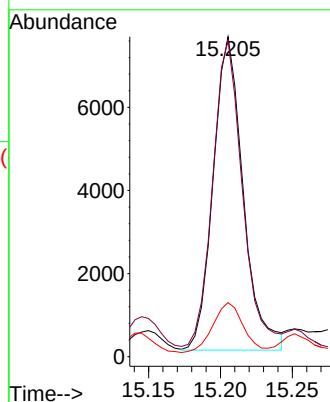
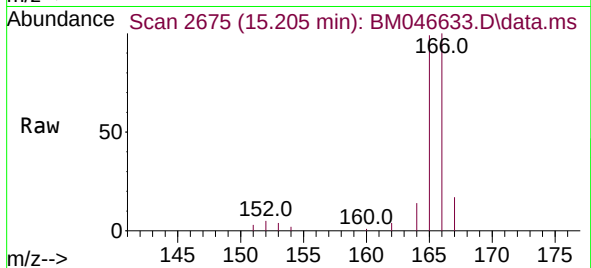
Tgt Ion:166	Resp:	1095
Ion Ratio	Lower	Upper
166	100	
165	98.7	76.1 114.1
167	16.9	12.5 18.7

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#14

Pentachlorophenol

Concen: 0.606 ng/ul

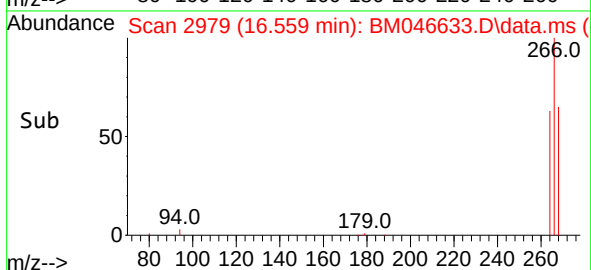
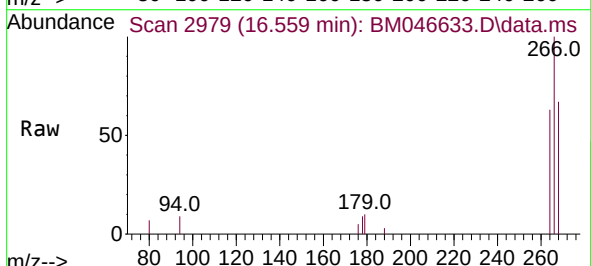
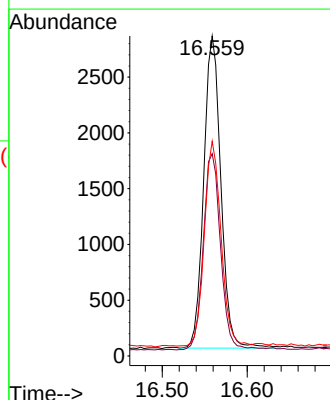
RT: 16.559 min Scan# 2979

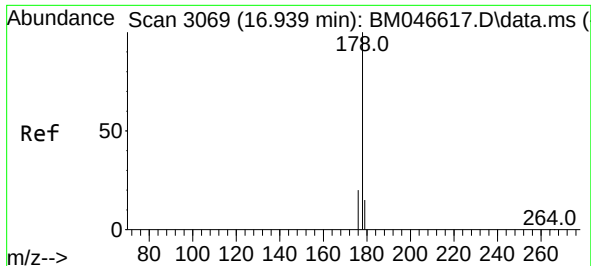
Delta R.T. 0.004 min

Lab File: BM046633.D

Acq: 16 Jul 2024 14:28

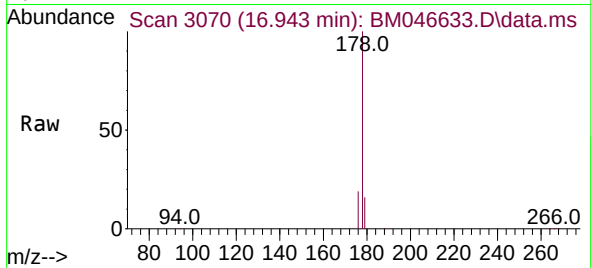
Tgt Ion:266	Resp:	3940
Ion Ratio	Lower	Upper
266	100	
264	63.8	50.1 75.1
268	63.8	52.5 78.7





#15
Phenanthrene
Concen: 2.988 ng/ul
RT: 16.943 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

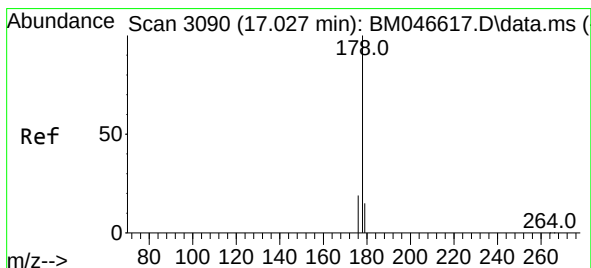
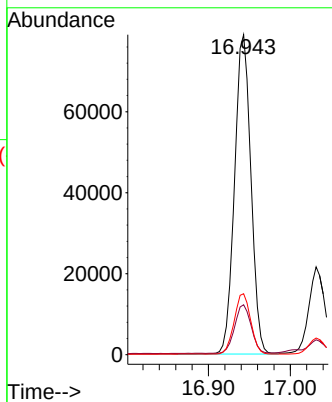
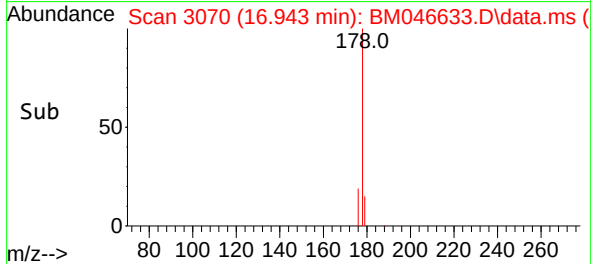
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:178 Resp: 10937
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.1 16.0 24.0

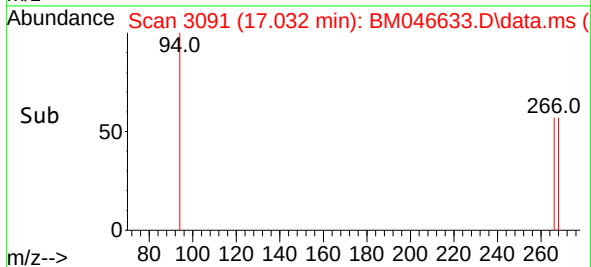
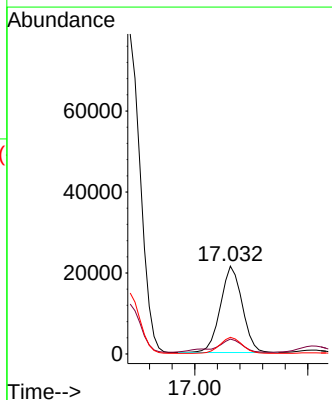
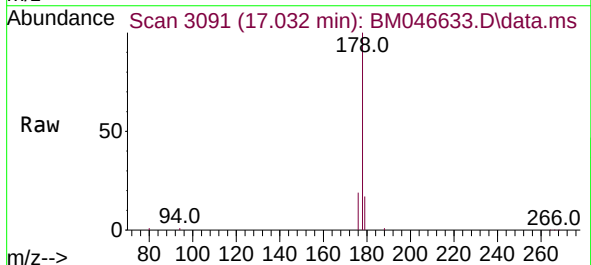
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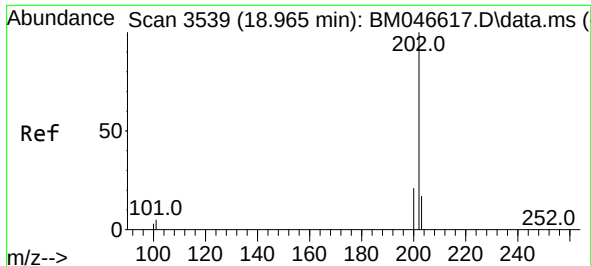
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.802 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

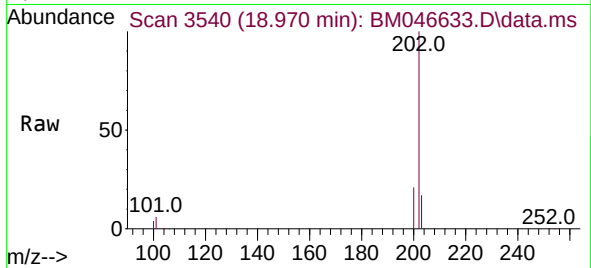
Tgt Ion:178 Resp: 28637
Ion Ratio Lower Upper
178 100
179 16.9 13.5 20.3
176 19.0 15.7 23.5





#19
Fluoranthene
Concen: 5.955 ng/u1
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

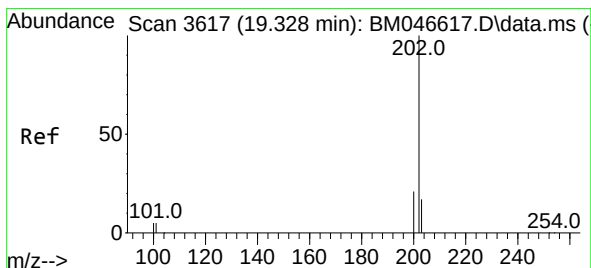
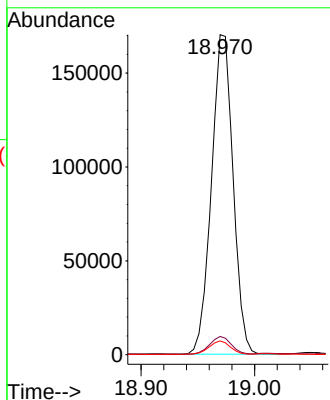
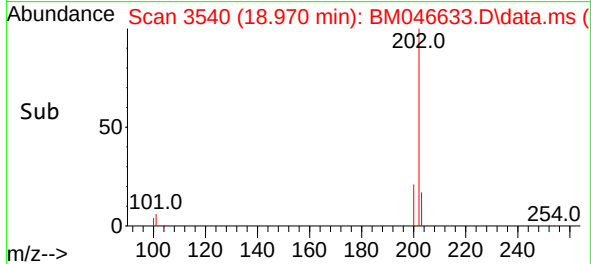
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:202 Resp: 224935
Ion Ratio Lower Upper
202 100
101 5.7 4.6 6.8
100 4.3 3.0 4.6

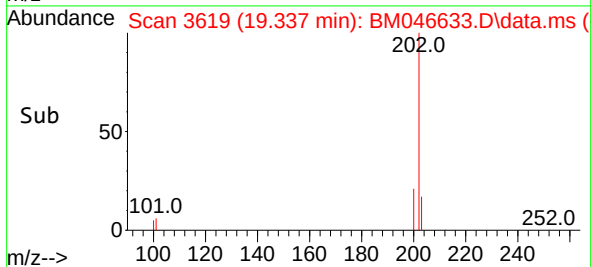
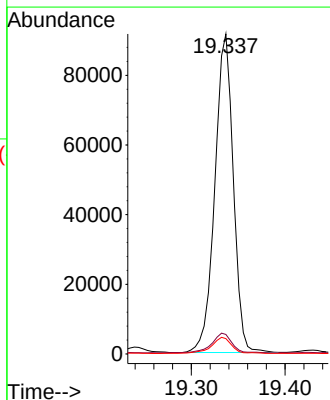
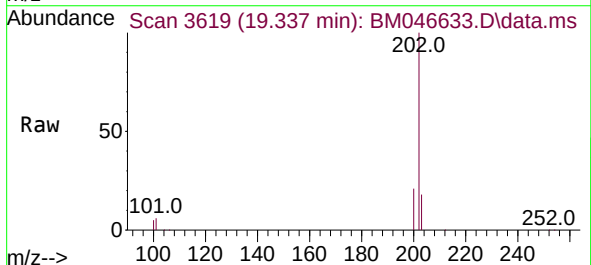
Manual Integrations
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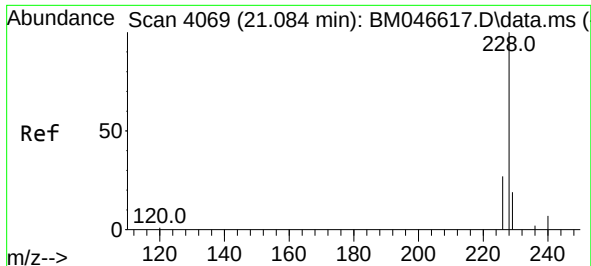
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 3.053 ng/u1
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

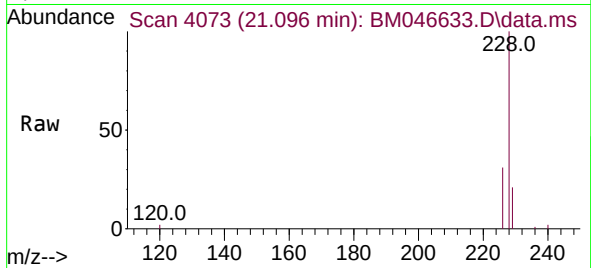
Tgt Ion:202 Resp: 124870
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.273 ng/u1
RT: 21.096 min Scan# 4073
Delta R.T. 0.008 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

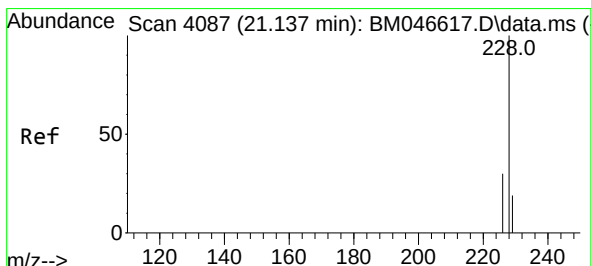
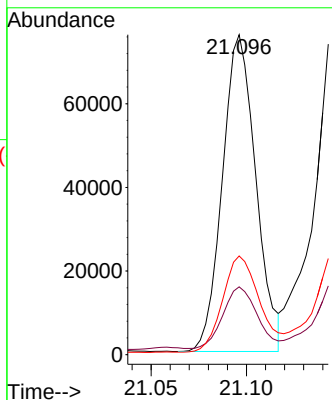
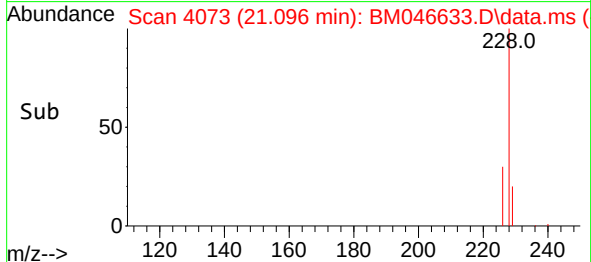
Instrument :
BNA_M
ClientSampleId :
A4D00MS



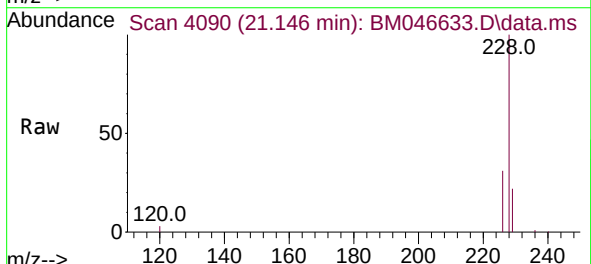
Tgt Ion:228 Resp: 9247
Ion Ratio Lower Upper
228 100
229 21.2 16.5 24.7
226 30.8 22.5 33.7

Manual Integrations
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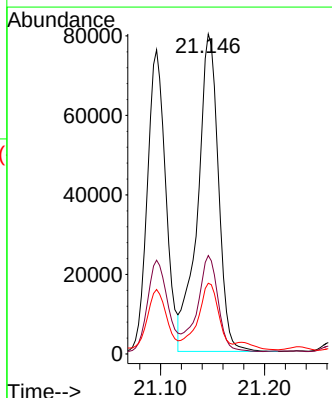
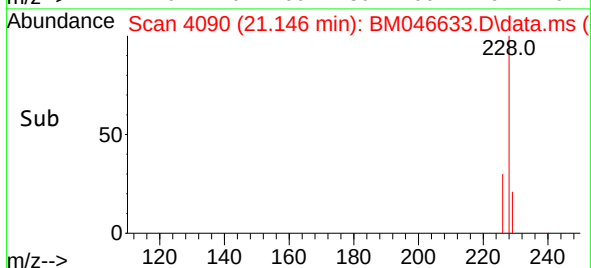
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

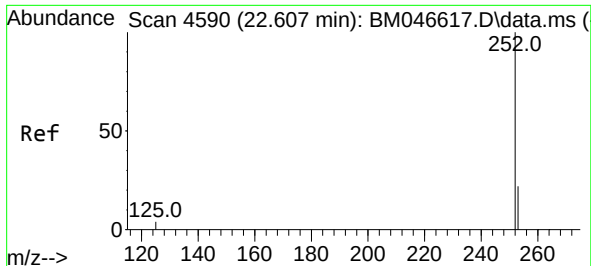


#22
Chrysene
Concen: 2.813 ng/u1
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28



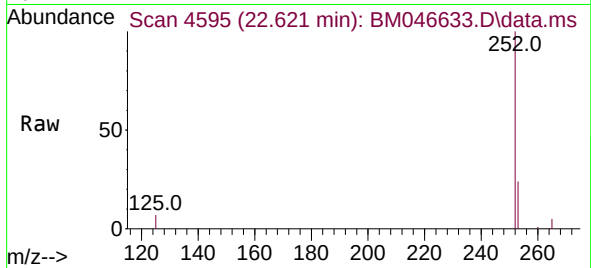
Tgt Ion:228 Resp: 110713
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.147 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.011 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

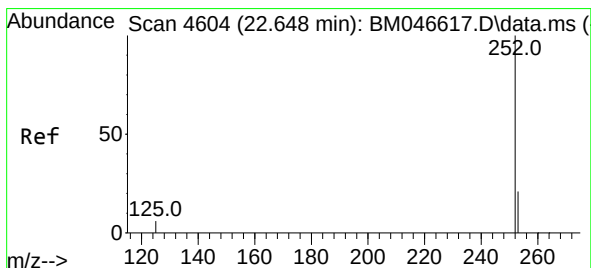
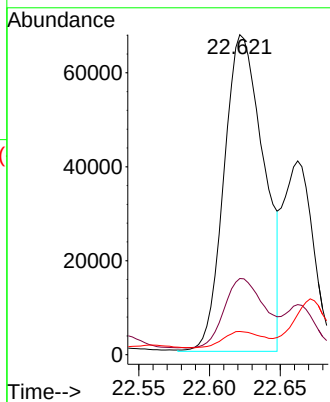
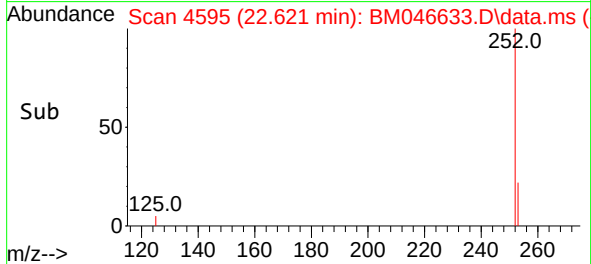
Instrument :
BNA_M
ClientSampleId :
A4D00MS



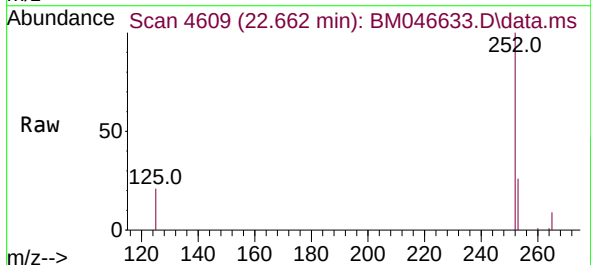
Tgt Ion:252 Resp: 13210
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.2
125 7.3 0.0 17.8

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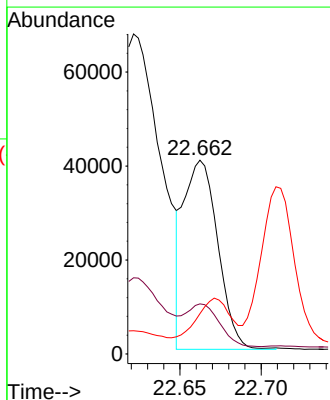
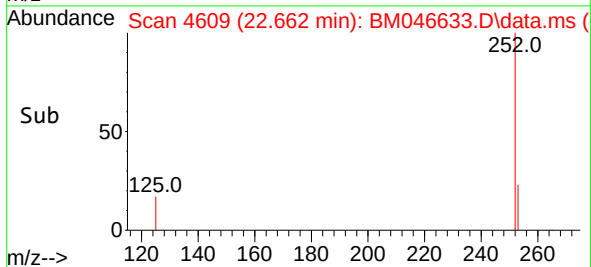
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

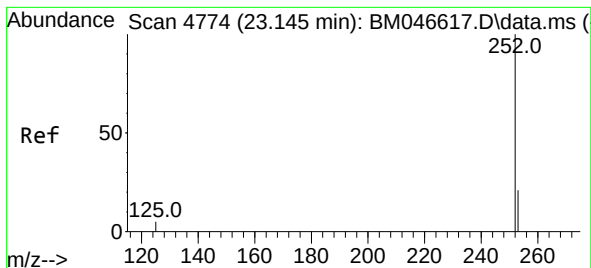


#25
Benzo(k)fluoranthene
Concen: 1.431 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. 0.011 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28



Tgt Ion:252 Resp: 58984
Ion Ratio Lower Upper
252 100
253 25.9 22.4 33.6
125 20.8 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 1.023 ng/ul

RT: 23.162 min Scan# 41

Delta R.T. 0.011 min

Lab File: BM046633.D

Acq: 16 Jul 2024 14:28

Instrument :

BNA_M

ClientSampleId :

A4D00MS

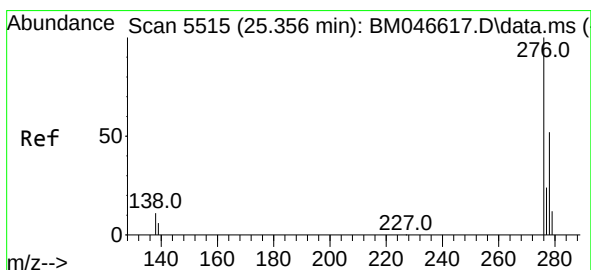
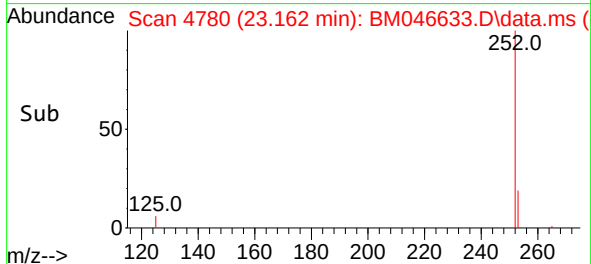
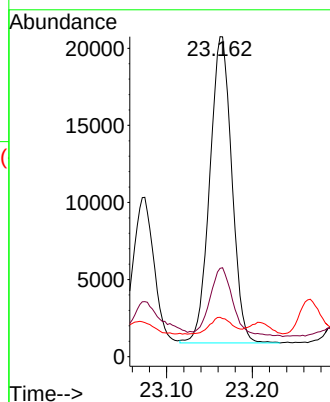
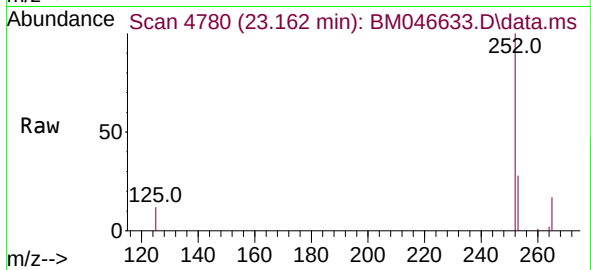
Tgt Ion:	252	Resp:	3533
Ion Ratio	Lower	Upper	
252	100		
253	27.6	24.0	36.0
125	12.3	8.2	12.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.862 ng/ul

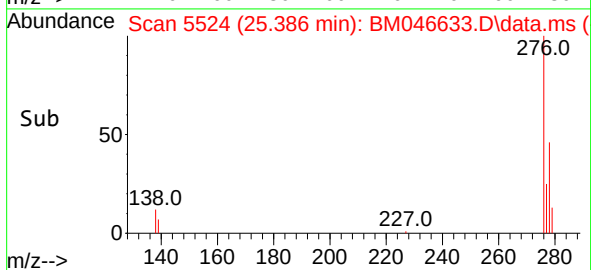
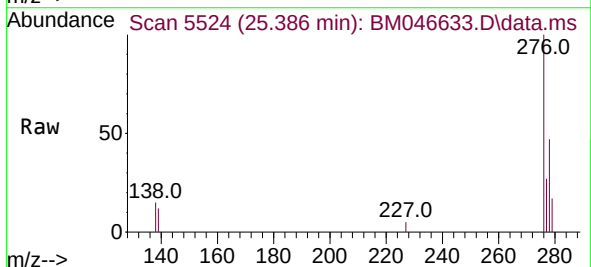
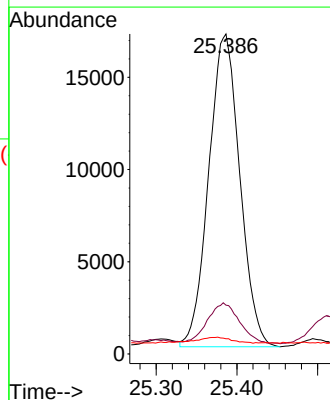
RT: 25.386 min Scan# 5524

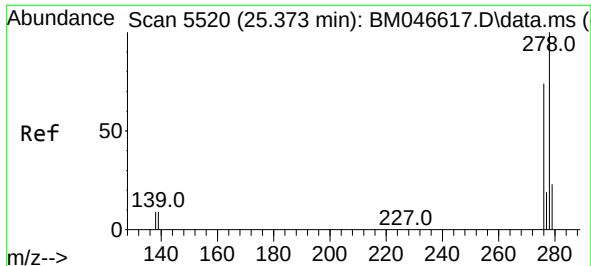
Delta R.T. 0.026 min

Lab File: BM046633.D

Acq: 16 Jul 2024 14:28

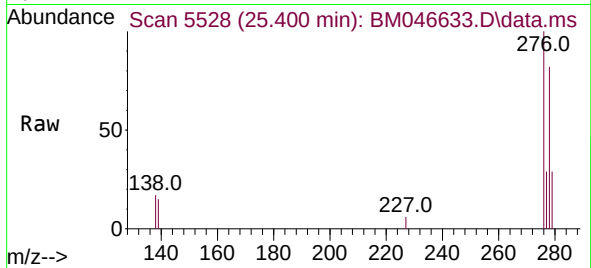
Tgt Ion:	276	Resp:	45332
Ion Ratio	Lower	Upper	
276	100		
138	13.2	0.0	0.0#
227	2.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.644 ng/ul
RT: 25.400 min Scan# 51
Delta R.T. 0.016 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

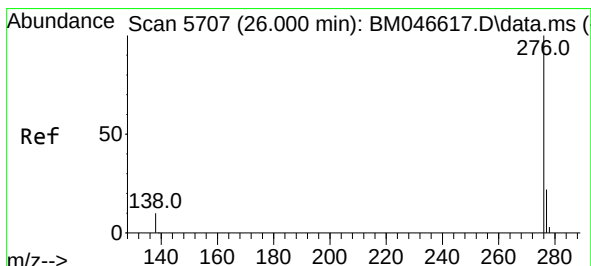
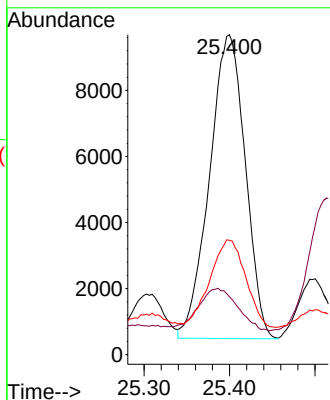
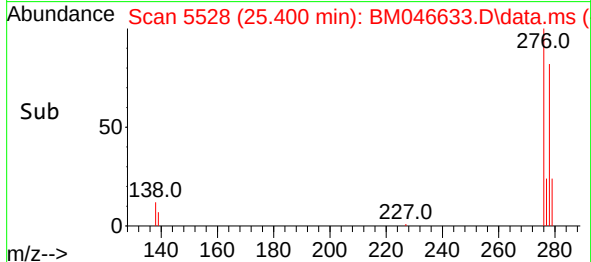
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion: 278 Resp: 26800
Ion Ratio Lower Upper
278 100
139 18.1 9.1 13.7
279 35.8 23.2 34.8

Manual Integrations
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 26.027 min Scan# 5715
Delta R.T. 0.023 min
Lab File: BM046633.D
Acq: 16 Jul 2024 14:28

Tgt Ion: 276 Resp: 6076
Ion Ratio Lower Upper
276 100
138 43.0 10.2 15.4#
277 39.9 20.9 31.3#

