

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045659.D
 Acq On : 01 May 2024 13:10
 Operator : MA/JU
 Sample : P2105-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 13:42:43 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 30 09:34:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	614	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.292	136	1860	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.178	164	956	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.943	188	1682m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.163	240	1445m	0.400	ng/ul	-0.03
23) Perylene-d12	23.343	264	2250	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2322	2.821	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.909	152	500	0.204	ng/ul	-0.02
18) Fluoranthene-d10	18.983	212	889	0.195	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.342	128	1433	0.287	ng/ul	97
7) 2-Methylnaphthalene	11.980	142	497	0.174	ng/ul	97
8) 1-Methylnaphthalene	12.200	142	549	0.172	ng/ul	97
10) Acenaphthylene	13.900	152	994	0.211	ng/ul#	88
11) Acenaphthene	14.243	153	8373	2.391	ng/ul	96
12) Fluorene	15.242	166	8193	2.188	ng/ul#	97
15) Phenanthrene	16.985	178	138101m	28.192	ng/ul	
16) Anthracene	17.078	178	42751	9.328	ng/ul#	91
19) Fluoranthene	19.016	202	277768	41.655	ng/ul#	90
20) Pyrene	19.383	202	234162	34.163	ng/ul#	91
21) Benzo(a)anthracene	21.148	228	141445	30.623	ng/ul	92
22) Chrysene	21.201	228	118408	16.673	ng/ul	98
24) Benzo(b)fluoranthene	22.694	252	199879	26.409	ng/ul	83
25) Benzo(k)fluoranthene	22.738	252	85072m	8.896	ng/ul	
26) Benzo(a)pyrene	23.250	252	152771	19.462	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.514	276	128150	11.232	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.524	278	31144	3.442	ng/ul#	86
29) Benzo(g,h,i)perylene	26.174	276	111244	10.852	ng/ul#	91

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

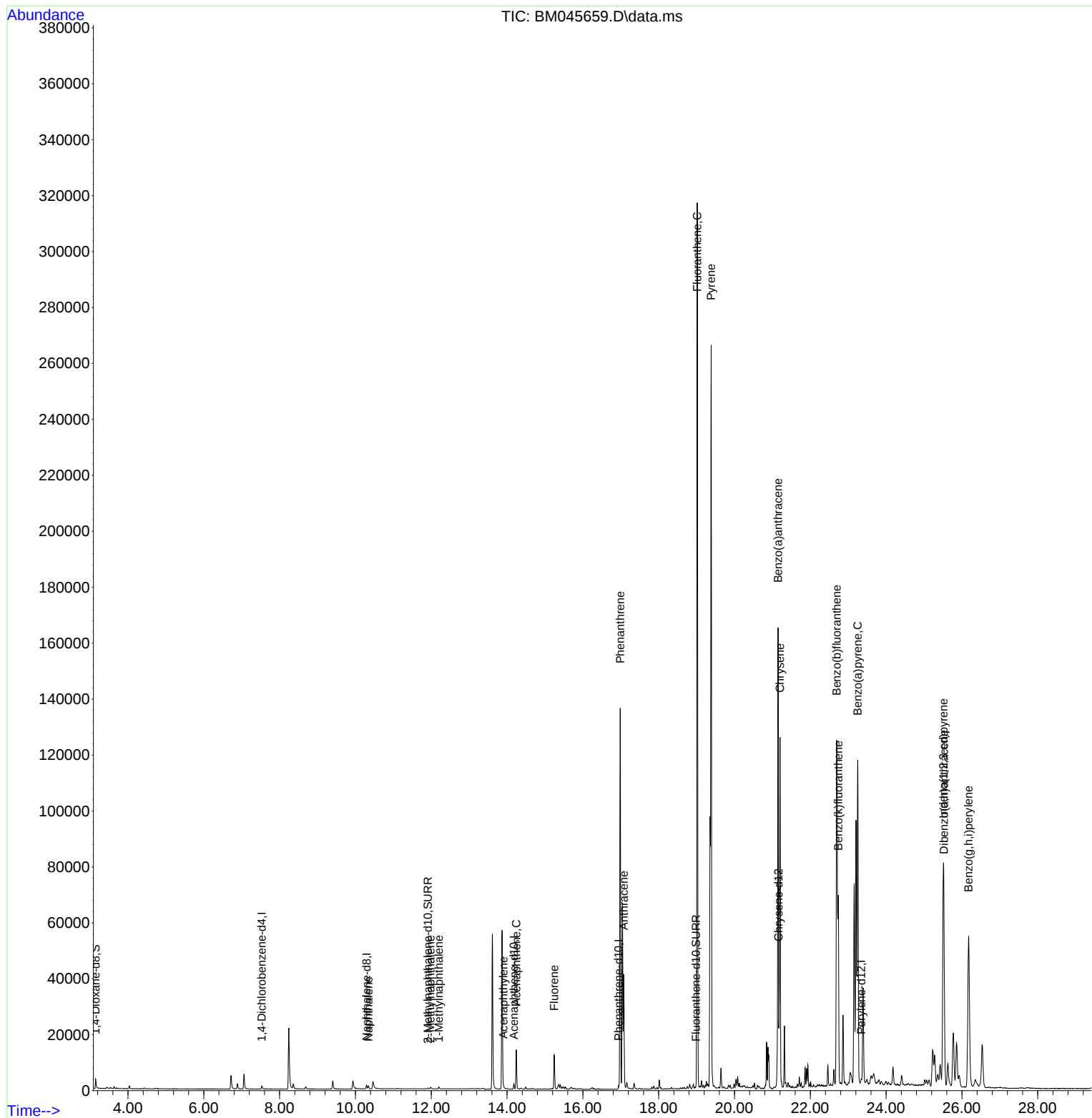
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045659.D
Acq On : 01 May 2024 13:10
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

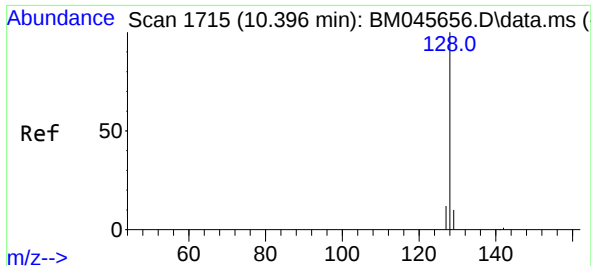
Instrument :
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C0AD2

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Supervised By :mohammad ahmed 05/02/2024

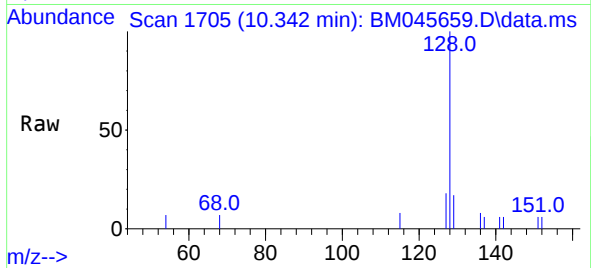
Quant Time: May 01 13:42:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.342 min Scan# 11
Delta R.T. -0.033 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

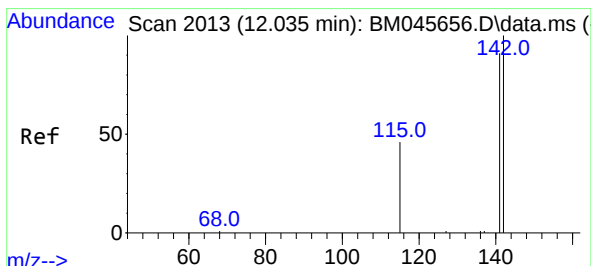
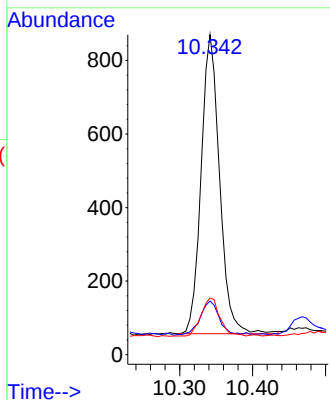
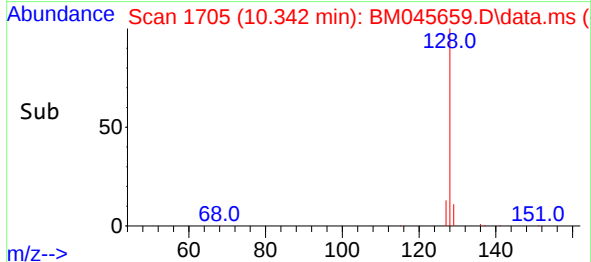
Instrument :
BNA_M
ClientSampleId :
C0AD2



Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
129 16.8 14.0 21.0
127 17.7 15.4 23.2

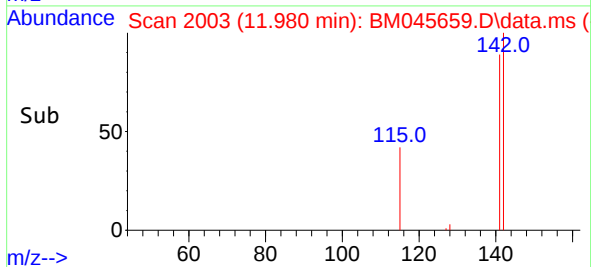
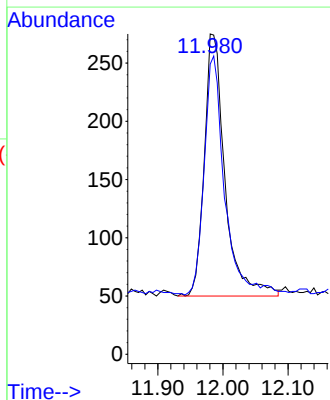
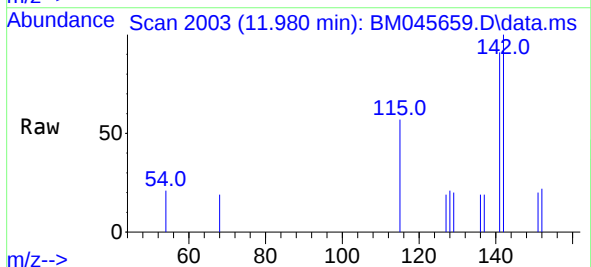
Manual Integrations
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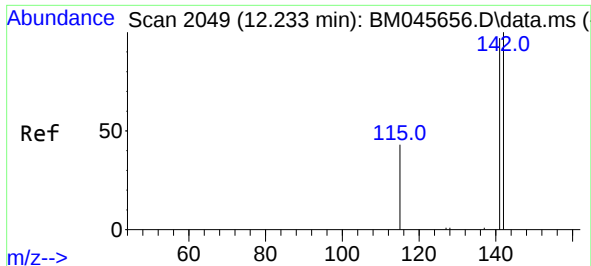
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 11.980 min Scan# 2003
Delta R.T. -0.027 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

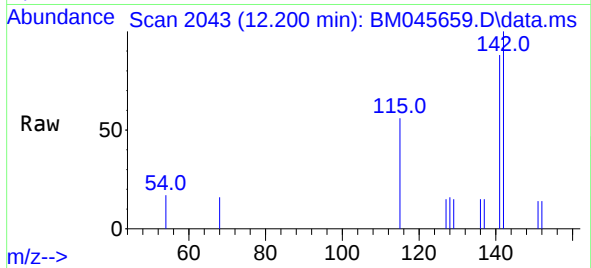
Tgt Ion:142 Resp: 497
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.200 min Scan# 2043
Delta R.T. -0.016 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

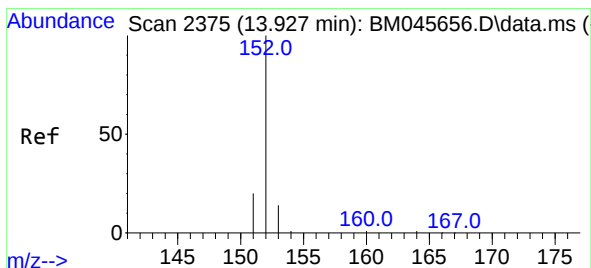
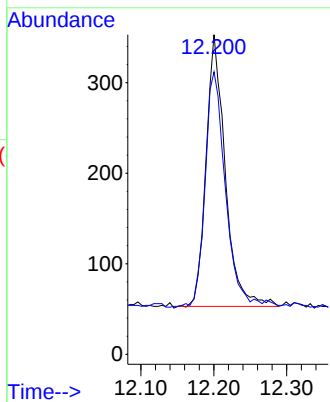
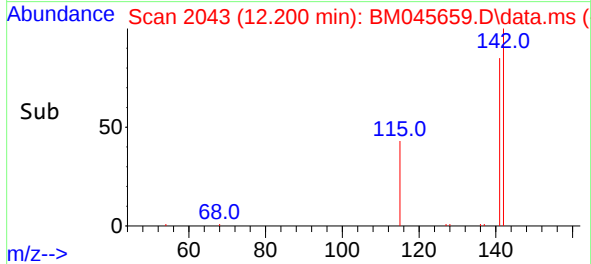
Instrument :
BNA_M
ClientSampleId :
C0AD2



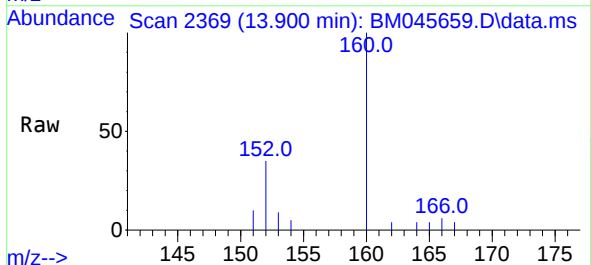
Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
141 91.8 76.1 114.1

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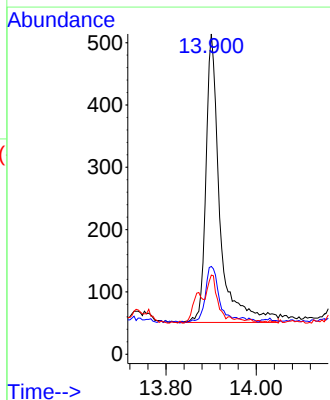
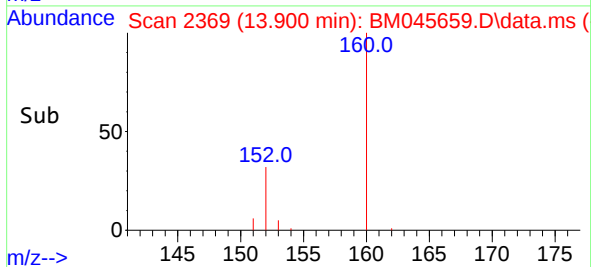
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

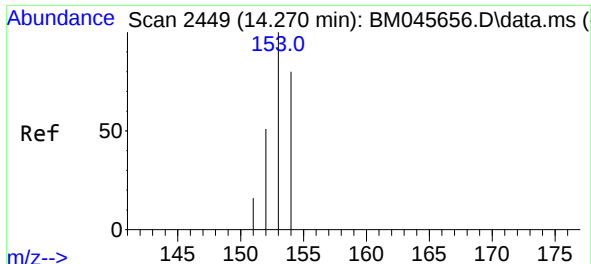


#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 13.900 min Scan# 2369
Delta R.T. -0.022 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10



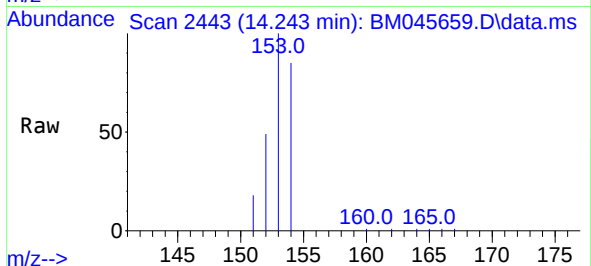
Tgt Ion:152 Resp: 994
Ion Ratio Lower Upper
152 100
151 27.4 18.6 28.0
153 24.7 14.1 21.1#





#11
Acenaphthene
Concen: 2.391 ng/ul
RT: 14.243 min Scan# 2443
Delta R.T. -0.022 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

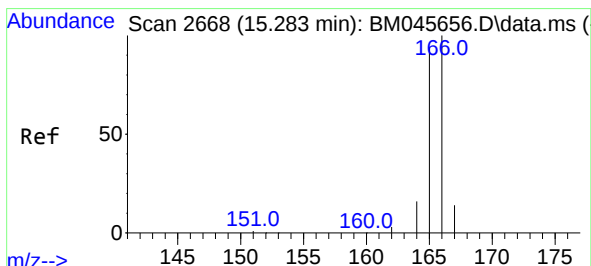
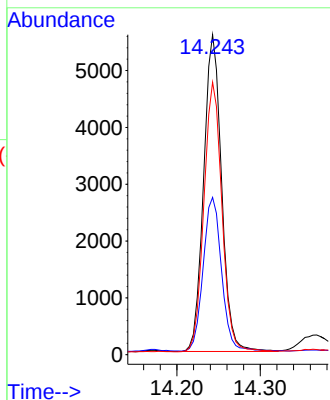
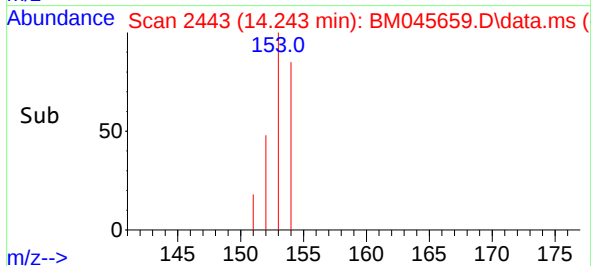
Instrument :
BNA_M
ClientSampleId :
C0AD2



Tgt Ion:153 Resp: 837
Ion Ratio Lower Upper
153 100
152 49.1 43.4 65.2
154 85.2 69.0 103.6

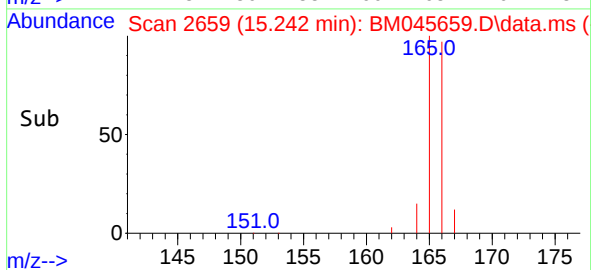
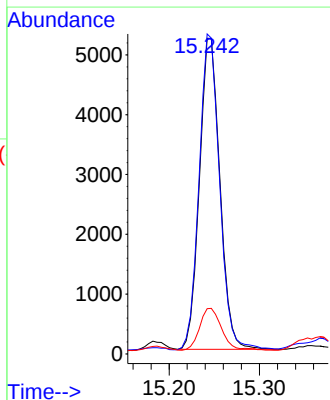
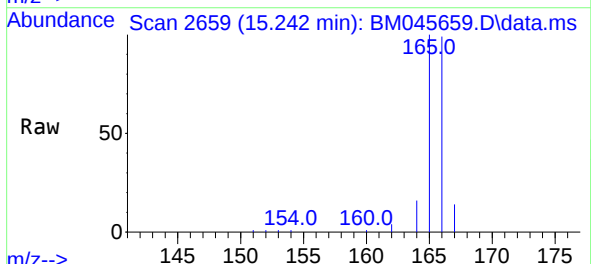
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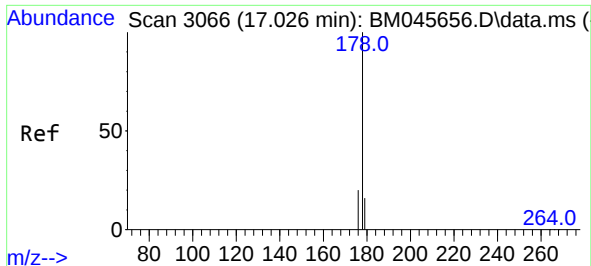
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#12
Fluorene
Concen: 2.188 ng/ul
RT: 15.242 min Scan# 2659
Delta R.T. -0.036 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

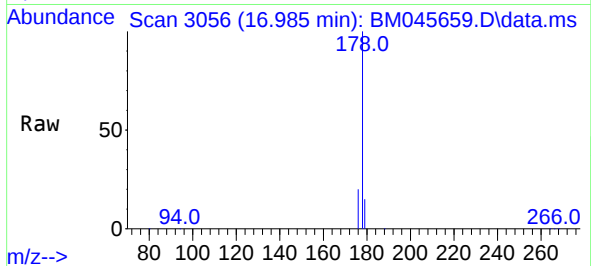
Tgt Ion:166 Resp: 8193
Ion Ratio Lower Upper
166 100
165 101.3 82.2 123.2
167 14.4 14.8 22.2#





#15
Phenanthrene
Concen: 28.192 ng/ul m
RT: 16.985 min Scan# 3066
Delta R.T. -0.037 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

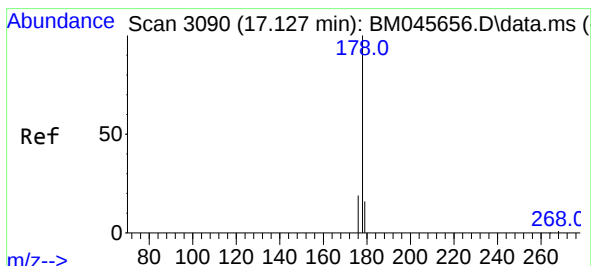
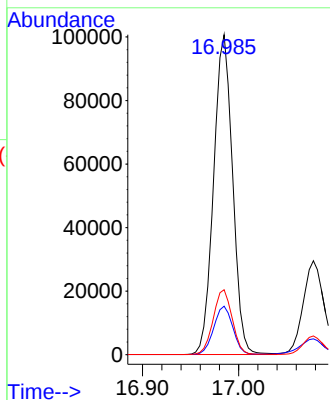
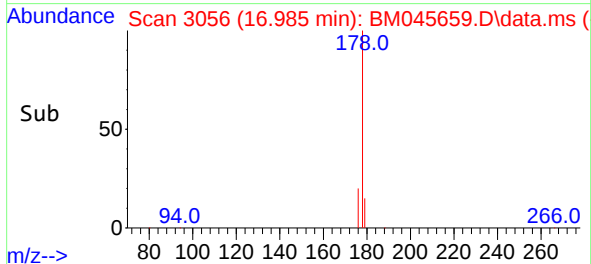
Instrument :
BNA_M
ClientSampleId :
C0AD2



Tgt Ion:178 Resp: 13810
Ion Ratio Lower Upper
178 100
179 15.1 15.4 23.2
176 20.3 19.0 28.4

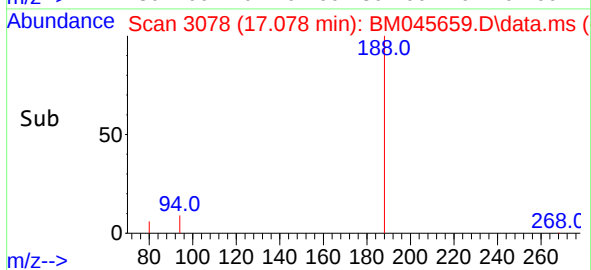
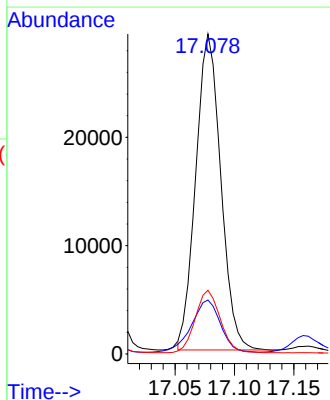
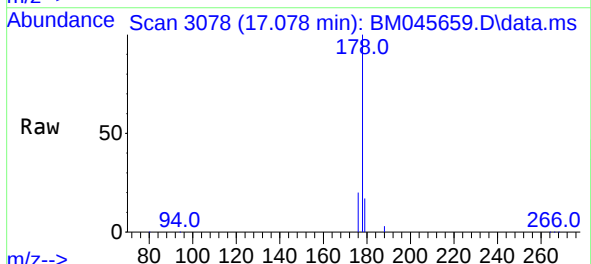
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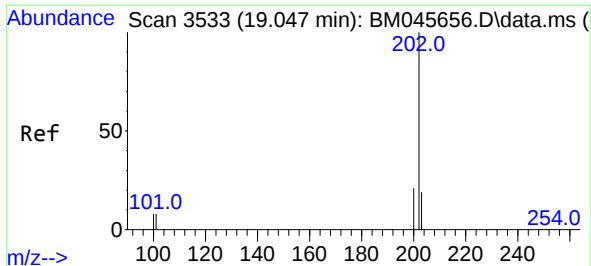
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#16
Anthracene
Concen: 9.328 ng/ul
RT: 17.078 min Scan# 3078
Delta R.T. -0.054 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

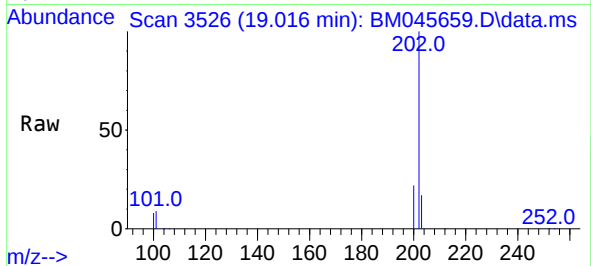
Tgt Ion:178 Resp: 42751
Ion Ratio Lower Upper
178 100
179 16.8 17.8 26.6
176 19.9 18.7 28.1





#19
Fluoranthene
Concen: 41.655 ng/u1
RT: 19.016 min Scan# 31
Delta R.T. -0.032 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

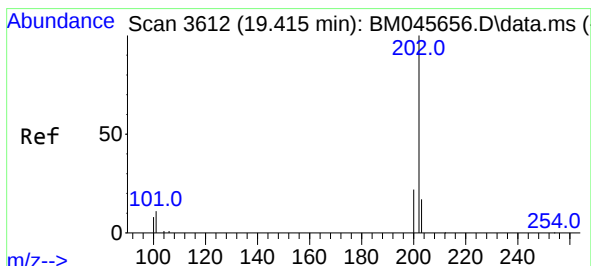
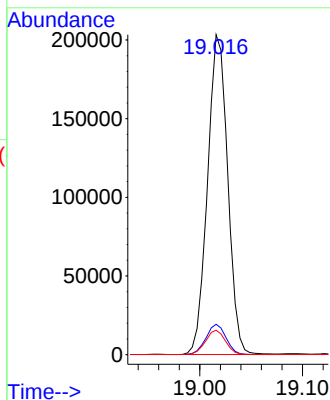
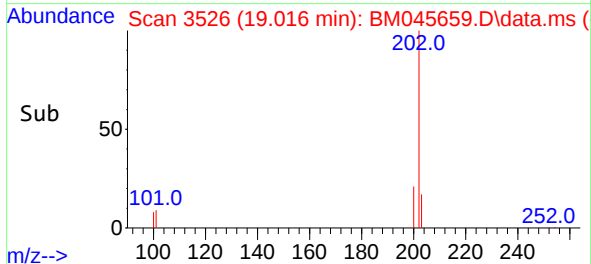
Instrument :
BNA_M
ClientSampleId :
C0AD2



Tgt Ion:202 Resp: 277768
Ion Ratio Lower Upper
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101 9.5 11.2 16.8#
100 7.7 9.1 13.7#

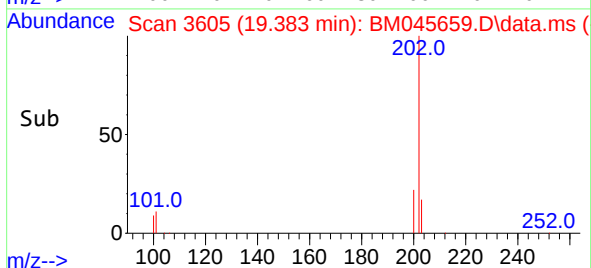
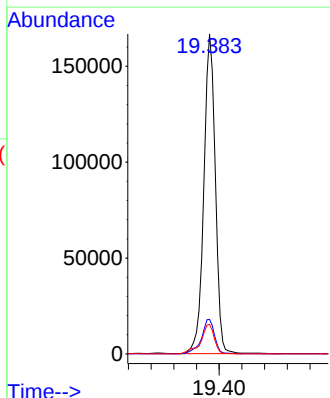
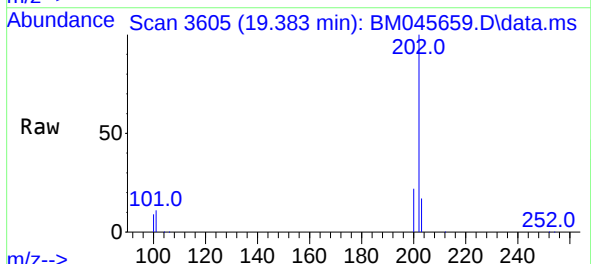
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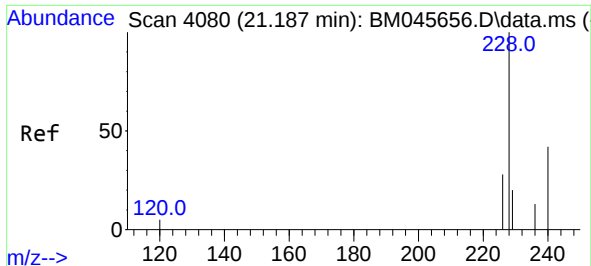
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#20
Pyrene
Concen: 34.163 ng/u1
RT: 19.383 min Scan# 3605
Delta R.T. -0.027 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

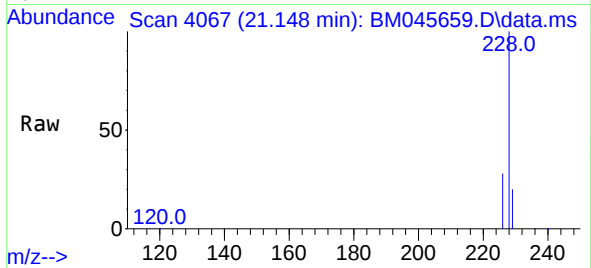
Tgt Ion:202 Resp: 234162
Ion Ratio Lower Upper
202 100
101 10.8 11.5 17.3#
100 9.2 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 30.623 ng/u1
RT: 21.148 min Scan# 4067
Delta R.T. -0.033 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

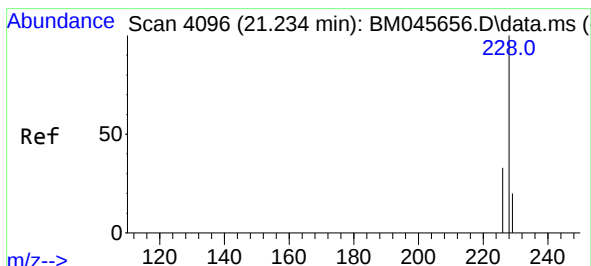
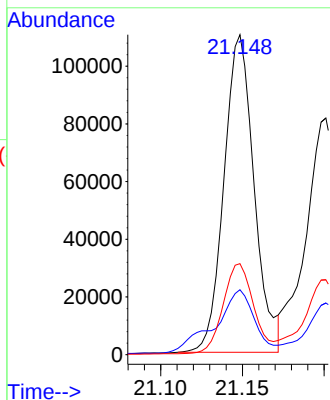
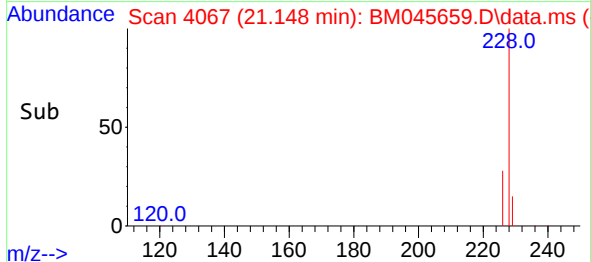
Instrument :
BNA_M
ClientSampleId :
C0AD2



Tgt Ion:228 Resp: 141445
Ion Ratio Lower Upper
228 100
229 20.3 19.4 29.2
226 28.4 26.3 39.5

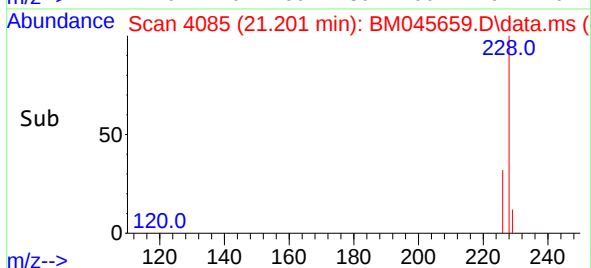
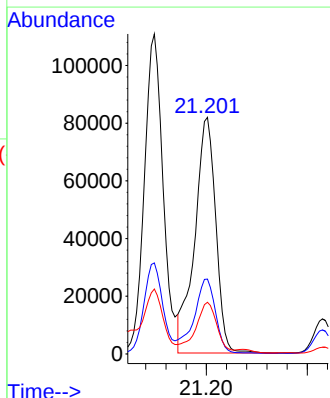
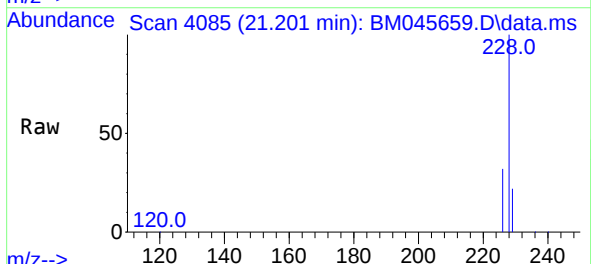
Manual Integrations
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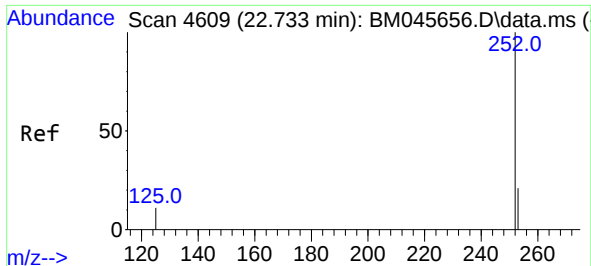
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#22
Chrysene
Concen: 16.673 ng/u1
RT: 21.201 min Scan# 4085
Delta R.T. -0.024 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

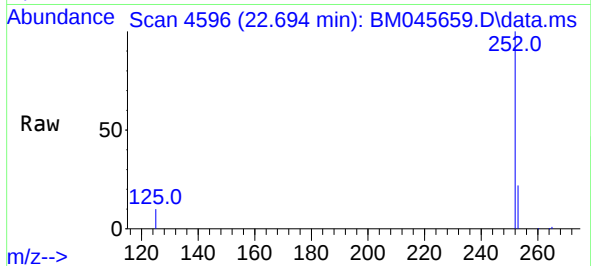
Tgt Ion:228 Resp: 118408
Ion Ratio Lower Upper
228 100
226 31.7 26.3 39.5
229 21.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 26.409 ng/ul
RT: 22.694 min Scan# 4609
Delta R.T. -0.030 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

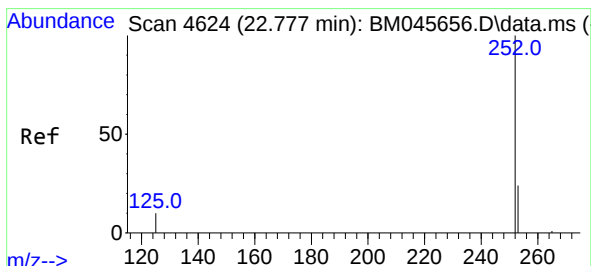
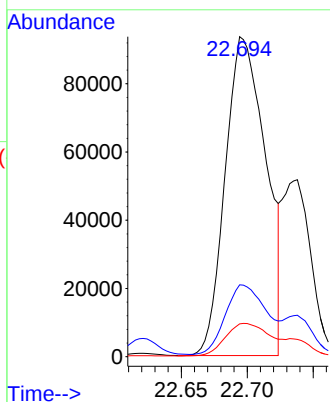
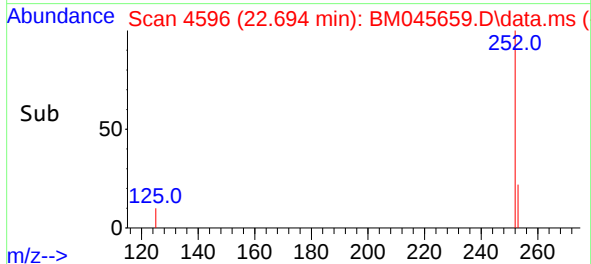
Instrument :
BNA_M
ClientSampleId :
C0AD2



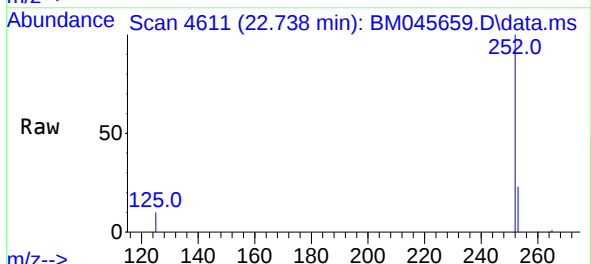
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Ion Ratio Lower Upper
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125 10.3 0.0 36.8

Manual Integrations
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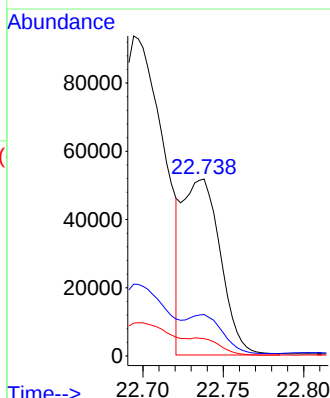
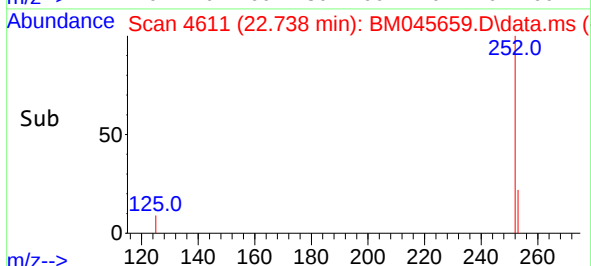
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

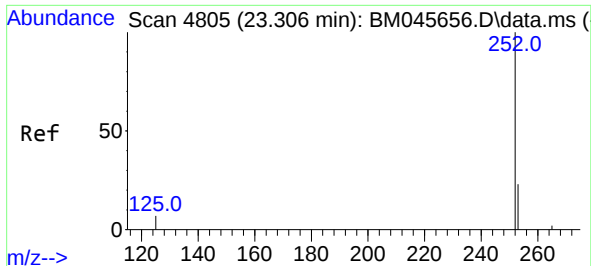


#25
Benzo(k)fluoranthene
Concen: 8.896 ng/ul m
RT: 22.738 min Scan# 4611
Delta R.T. -0.030 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10



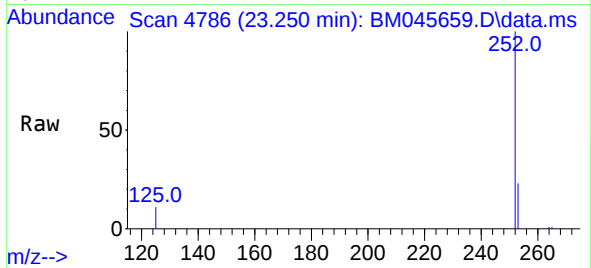
Tgt Ion:252 Resp: 85072
Ion Ratio Lower Upper
252 100
253 23.4 25.4 38.0#
125 9.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 19.462 ng/ul
RT: 23.250 min Scan# 41
Delta R.T. -0.042 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

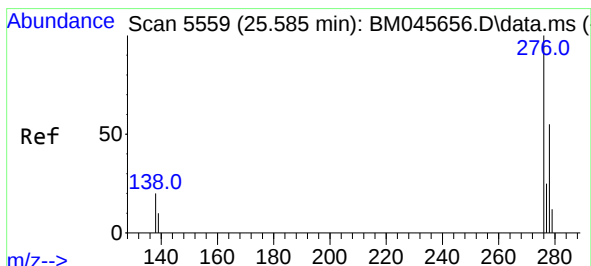
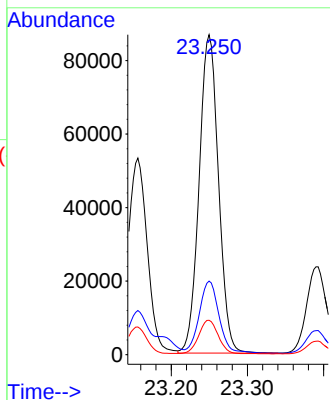
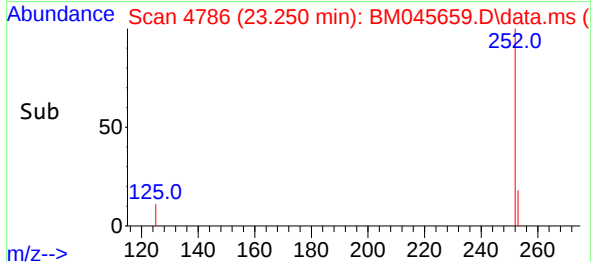
Instrument :
BNA_M
ClientSampleId :
C0AD2



Tgt Ion:252 Resp: 15277
Ion Ratio Lower Upper
252 100
253 23.0 31.6 47.4#
125 10.8 19.5 29.3#

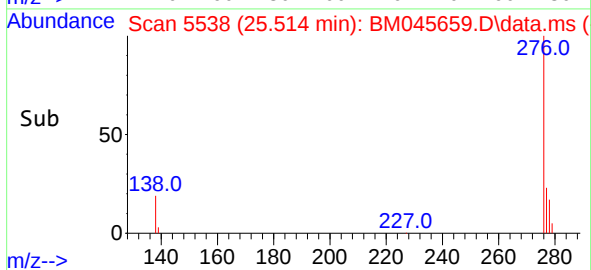
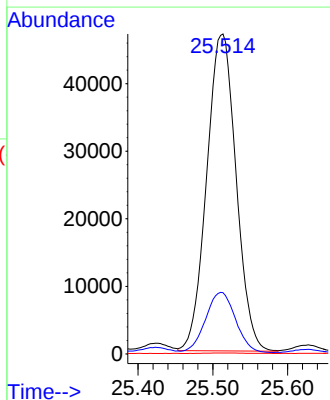
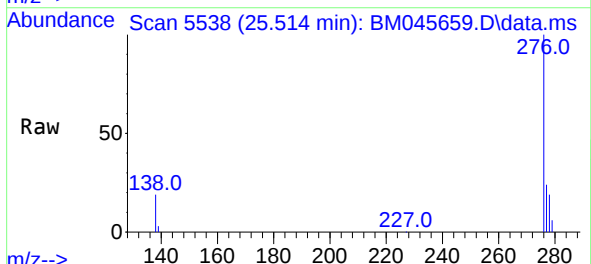
Manual Integrations
APPROVED

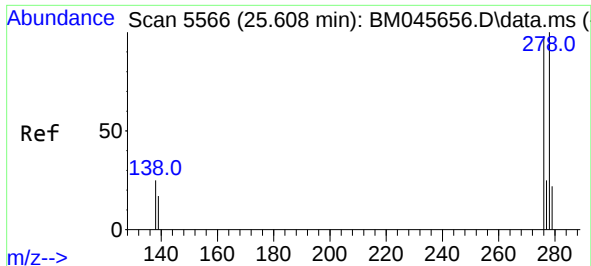
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 11.232 ng/ul
RT: 25.514 min Scan# 5538
Delta R.T. -0.058 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

Tgt Ion:276 Resp: 128150
Ion Ratio Lower Upper
276 100
138 19.3 19.8 29.6#
227 0.1 0.2 0.2#





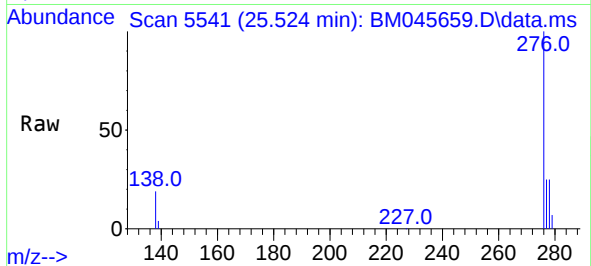
#28
Dibenzo(a,h)anthracene
Concen: 3.442 ng/ul
RT: 25.524 min Scan# 5114
Delta R.T. -0.064 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10

Instrument :

BNM_M

ClientSampleId :

C0AD2

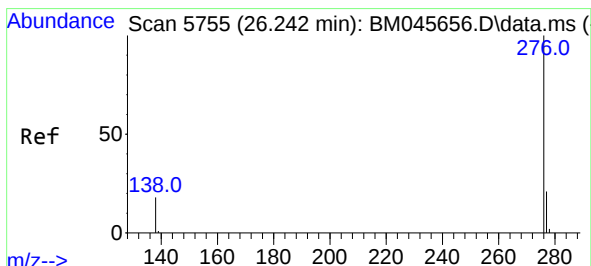
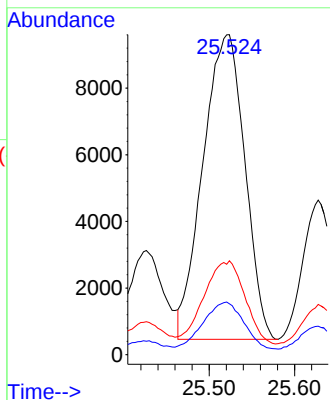
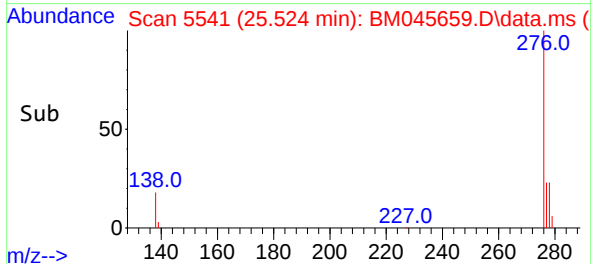


Tgt Ion:278 Resp: 31144
Ion Ratio Lower Upper
278 100
139 15.9 19.0 28.6
279 29.4 29.4 44.2

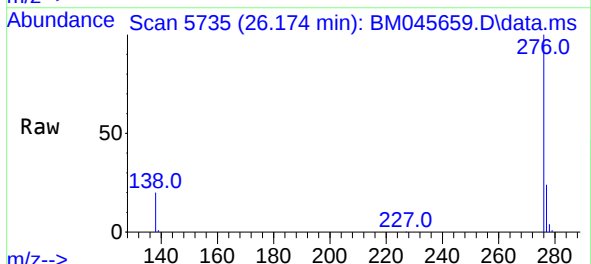
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#29
Benzo(g,h,i)perylene
Concen: 10.852 ng/ul
RT: 26.174 min Scan# 5735
Delta R.T. -0.054 min
Lab File: BM045659.D
Acq: 01 May 2024 13:10



Tgt Ion:276 Resp: 111244
Ion Ratio Lower Upper
276 100
138 20.0 20.8 31.2#
277 24.3 21.8 32.8

