

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045660.D
 Acq On : 01 May 2024 13:47
 Operator : MA/JU
 Sample : P2119-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

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

Quant Time: May 01 14:17:38 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	7.534	152	556	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.292	136	1391	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.182	164	680	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.946	188	1393m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	1416	0.400	ng/ul	-0.02
23) Perylene-d12	23.353	264	2097m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	2476	3.322	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.920	152	347	0.189	ng/ul	-0.01
18) Fluoranthene-d10	18.992	212	751	0.168	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	239	0.064	ng/ul#	55
7) 2-Methylnaphthalene	11.997	142	171	0.080	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	145	0.061	ng/ul	94
10) Acenaphthylene	13.904	152	486	0.145	ng/ul#	78
11) Acenaphthene	14.247	153	244	0.098	ng/ul	93
12) Fluorene	15.250	166	306	0.115	ng/ul#	84
15) Phenanthrene	16.988	178	6269	1.545	ng/ul	95
16) Anthracene	17.081	178	822	0.217	ng/ul#	83
19) Fluoranthene	19.020	202	15183	2.323	ng/ul#	91
20) Pyrene	19.387	202	13691	2.038	ng/ul#	92
21) Benzo(a)anthracene	21.155	228	6687	1.477	ng/ul	96
22) Chrysene	21.208	228	7477	1.074	ng/ul	98
24) Benzo(b)fluoranthene	22.698	252	14010m	1.986	ng/ul	
25) Benzo(k)fluoranthene	22.736	252	4983m	0.559	ng/ul	
26) Benzo(a)pyrene	23.253	252	9272m	1.267	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.525	276	8836	0.831	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.531	278	1880	0.223	ng/ul	95
29) Benzo(g,h,i)perylene	26.189	276	9514	0.996	ng/ul	93

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

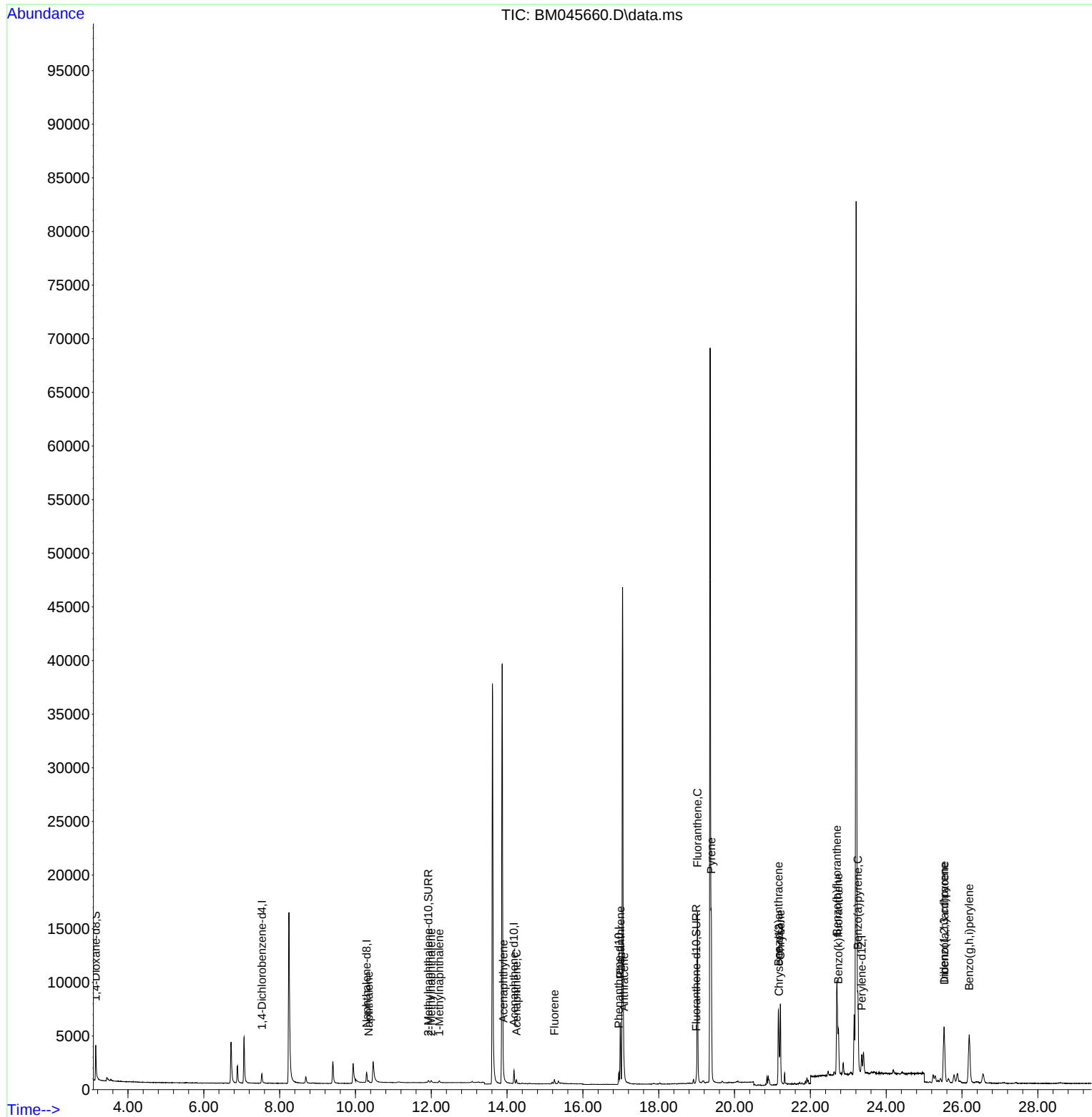
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
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ALS Vial : 6 Sample Multiplier: 1

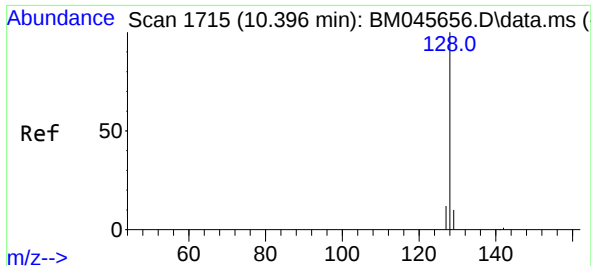
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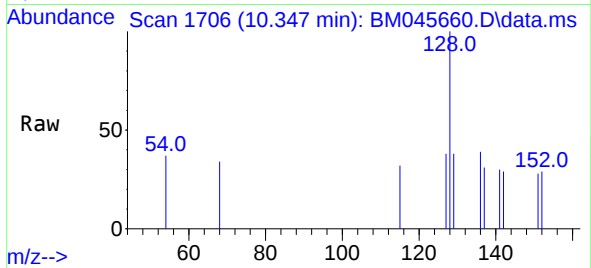
Quant Time: May 01 14:17:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/u1
RT: 10.347 min Scan# 1
Delta R.T. -0.027 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

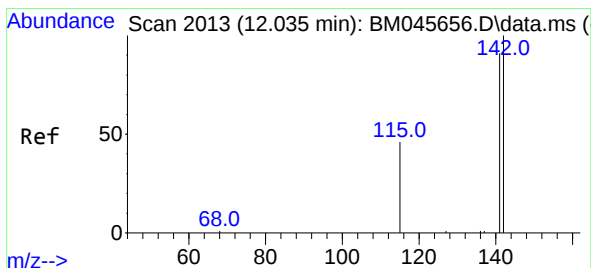
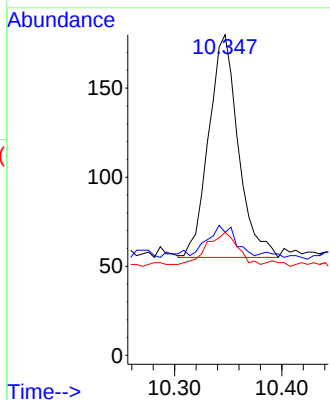
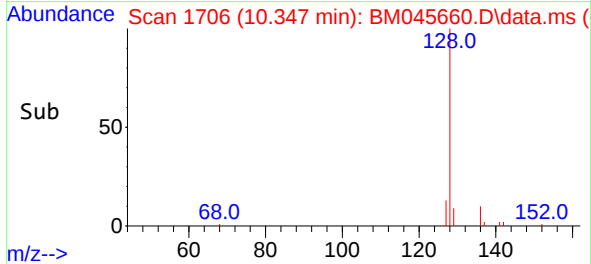
Instrument :
BNA_M
ClientSampleId :
C0AF1



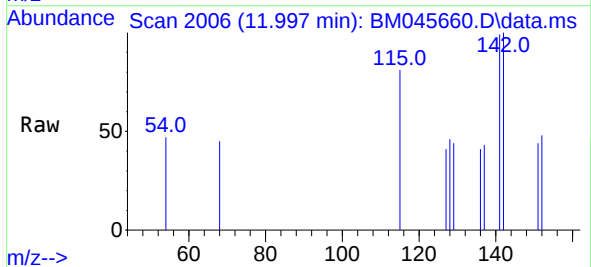
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Ion Ratio Lower Upper
128 100
129 38.3 14.0 21.0
127 38.3 15.4 23.2

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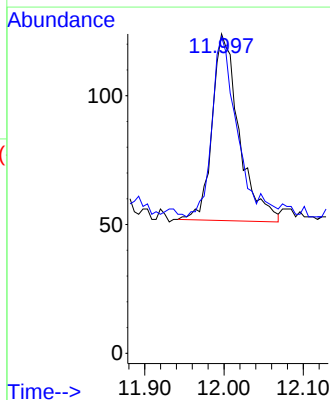
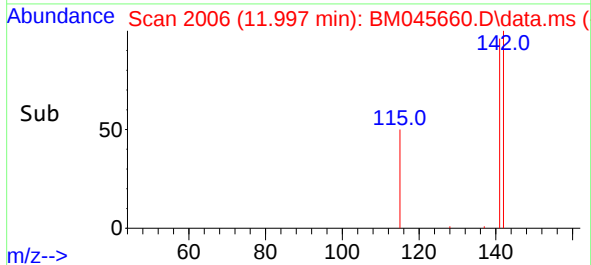
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

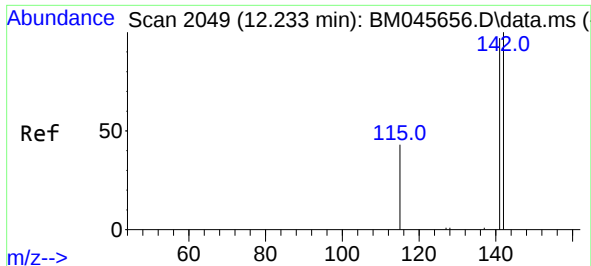


#7
2-Methylnaphthalene
Concen: 0.080 ng/u1
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47



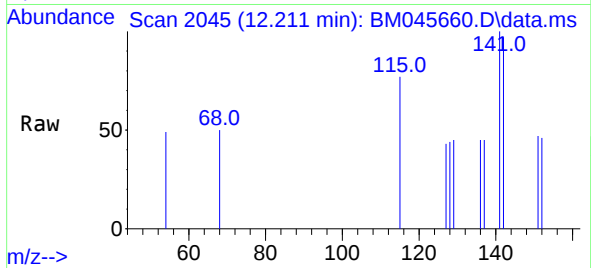
Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

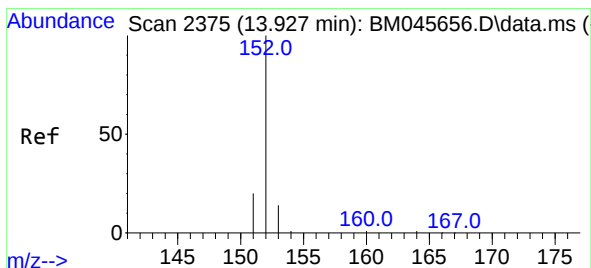
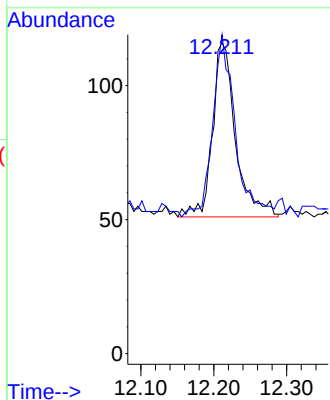
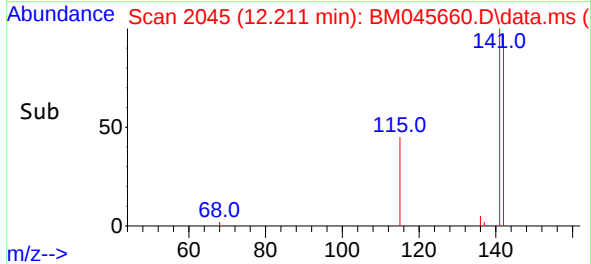
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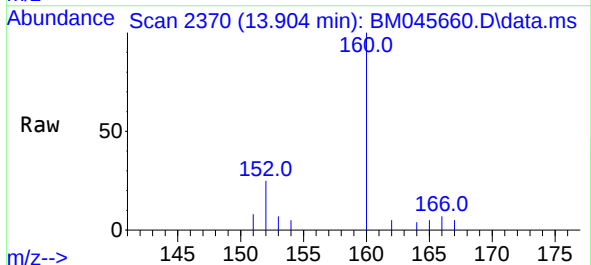
Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
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141 101.4 76.1 114.1

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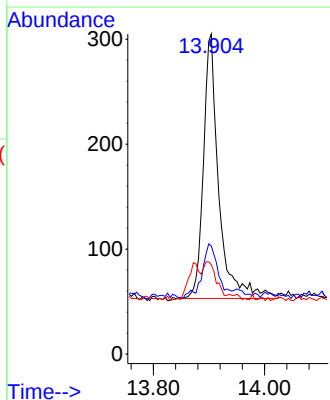
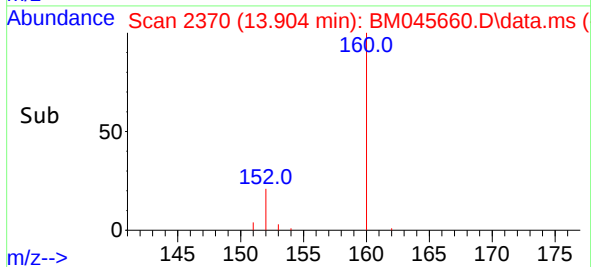
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

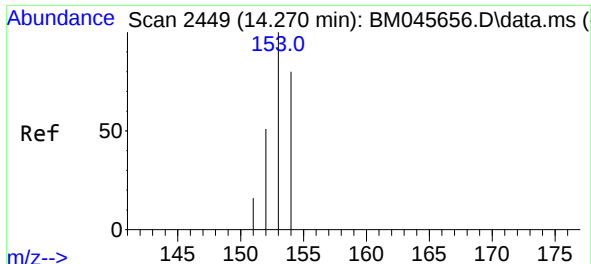


#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 13.904 min Scan# 2370
Delta R.T. -0.018 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47



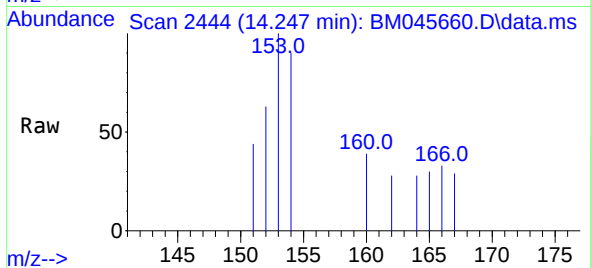
Tgt Ion:152 Resp: 486
Ion Ratio Lower Upper
152 100
151 33.8 18.6 28.0#
153 27.9 14.1 21.1#





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.247 min Scan# 2444
Delta R.T. -0.018 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

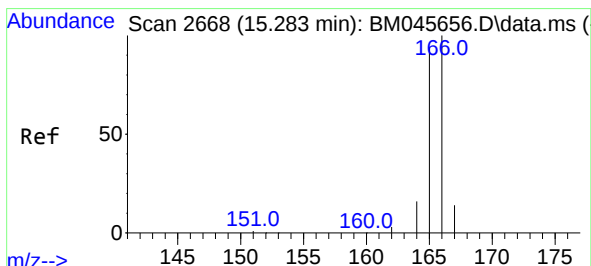
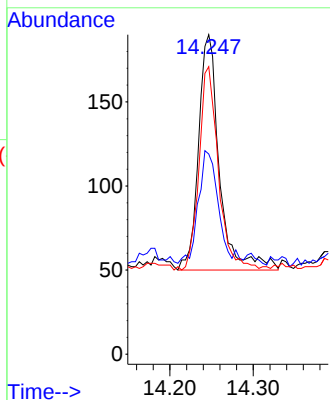
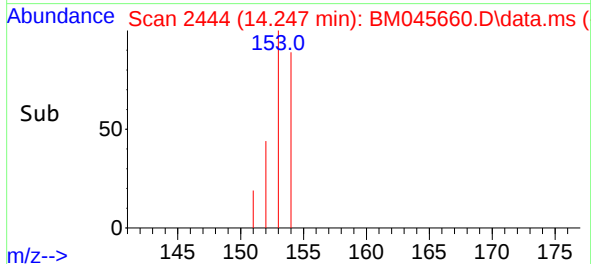
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 244
Ion Ratio Lower Upper
153 100
152 62.6 43.4 65.2
154 90.0 69.0 103.6

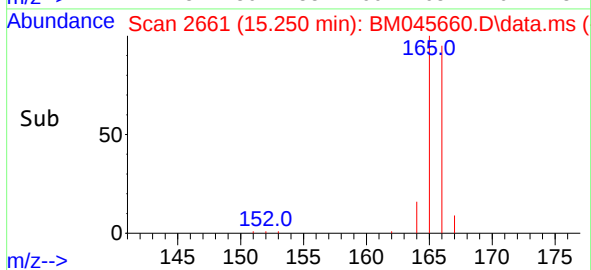
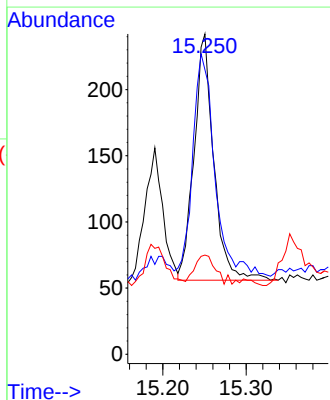
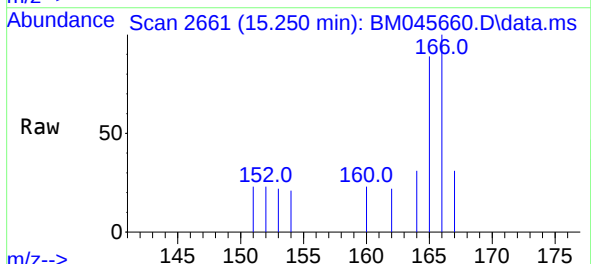
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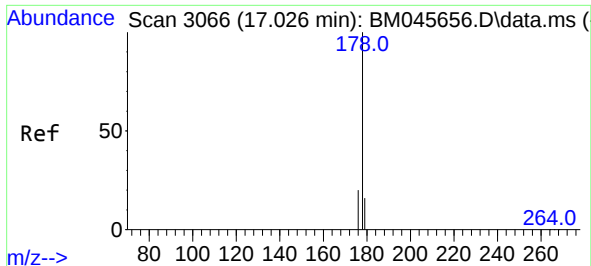
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#12
Fluorene
Concen: 0.115 ng/ul
RT: 15.250 min Scan# 2661
Delta R.T. -0.028 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

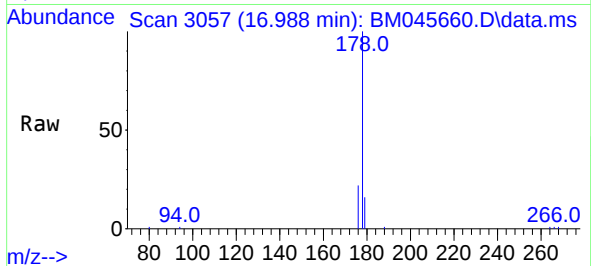
Tgt Ion:166 Resp: 306
Ion Ratio Lower Upper
166 100
165 88.8 82.2 123.2
167 31.0 14.8 22.2#





#15
Phenanthrene
Concen: 1.545 ng/ul
RT: 16.988 min Scan# 3066
Delta R.T. -0.034 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

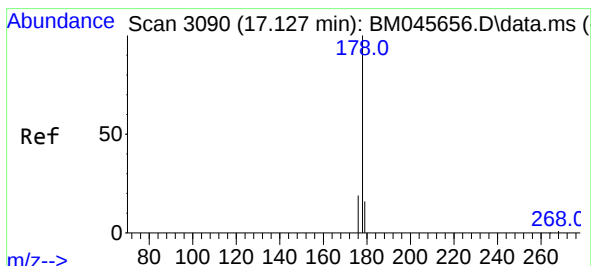
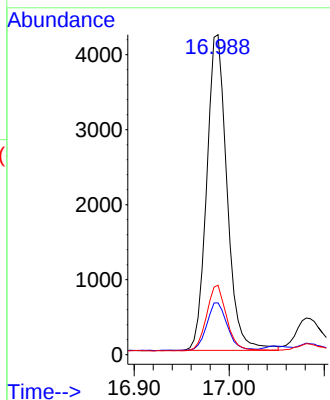
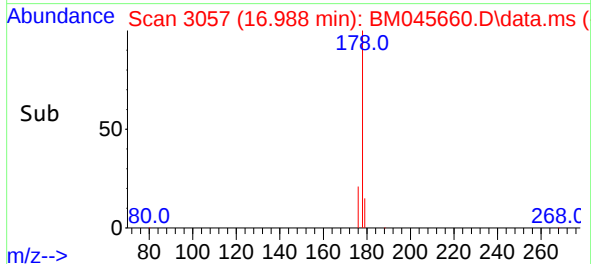
Instrument :
BNA_M
ClientSampleId :
C0AF1



Tgt Ion:178 Resp: 6269
Ion Ratio Lower Upper
178 100
179 16.2 15.4 23.2
176 21.7 19.0 28.4

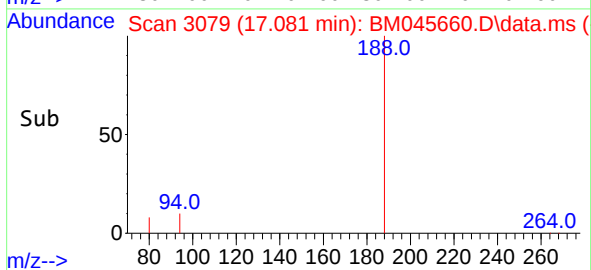
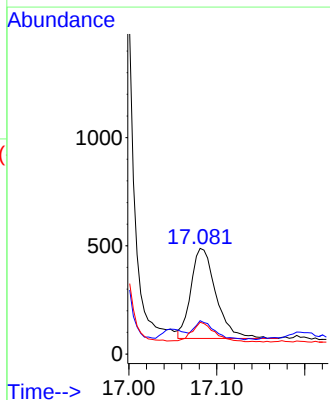
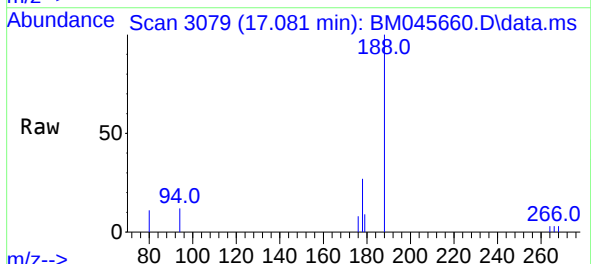
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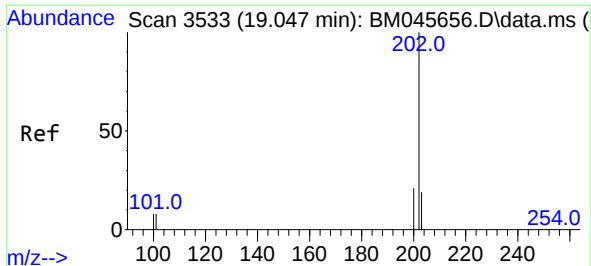
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#16
Anthracene
Concen: 0.217 ng/ul
RT: 17.081 min Scan# 3079
Delta R.T. -0.051 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

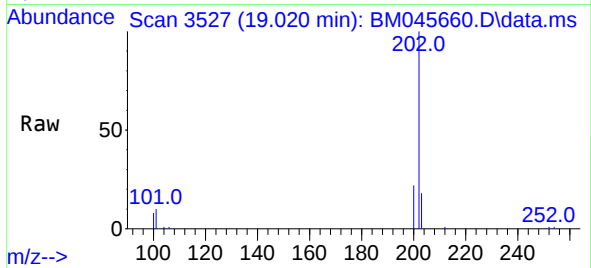
Tgt Ion:178 Resp: 822
Ion Ratio Lower Upper
178 100
179 31.6 17.8 26.6#
176 30.1 18.7 28.1#





#19
Fluoranthene
Concen: 2.323 ng/u1
RT: 19.020 min Scan# 3527
Delta R.T. -0.028 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

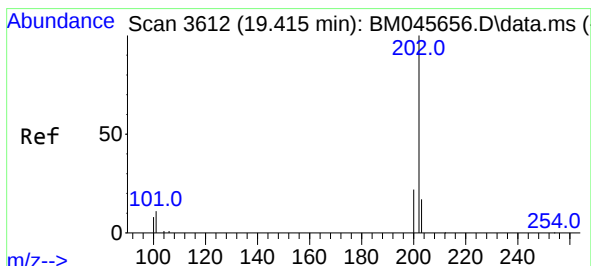
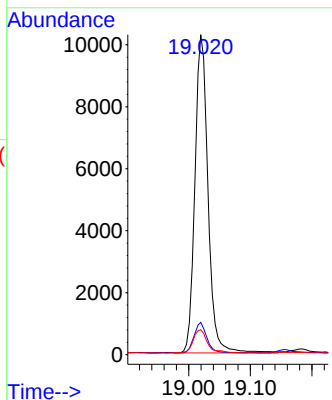
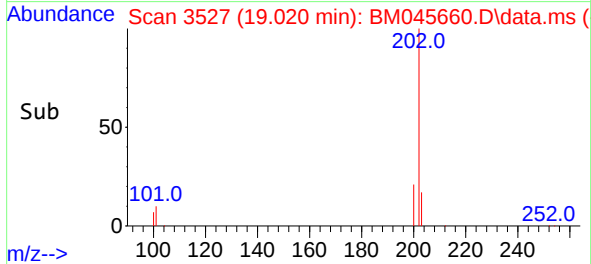
Instrument :
BNA_M
ClientSampleId :
C0AF1



Tgt Ion:202 Resp: 1518
Ion Ratio Lower Upper
202 100
101 10.1 11.2 16.8#
100 7.8 9.1 13.7#

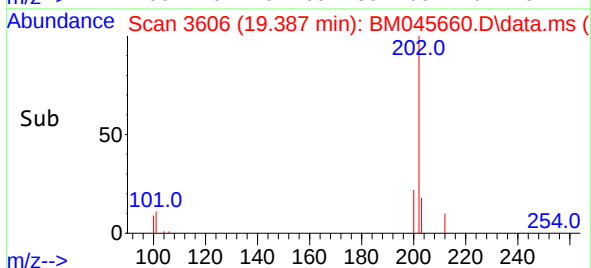
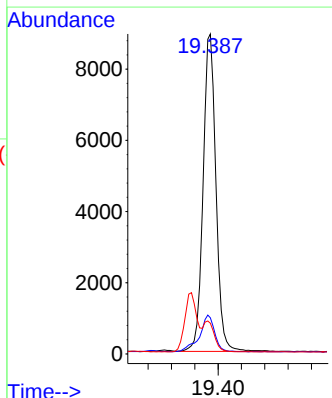
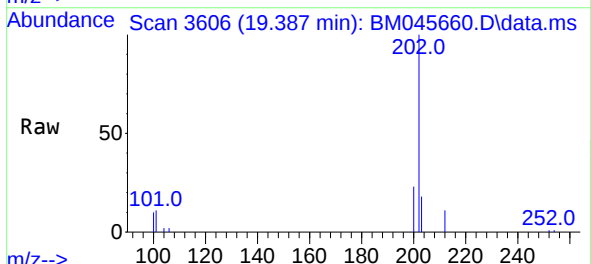
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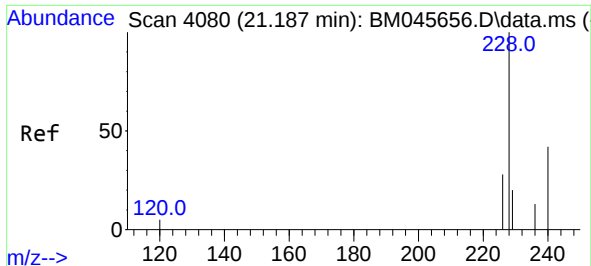
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#20
Pyrene
Concen: 2.038 ng/u1
RT: 19.387 min Scan# 3606
Delta R.T. -0.023 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

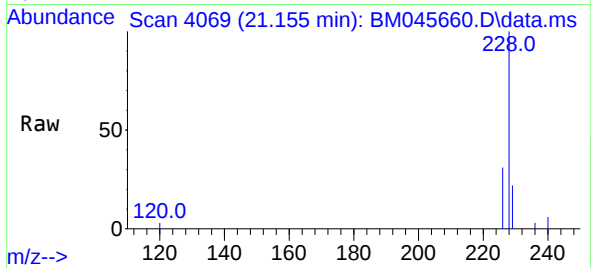
Tgt Ion:202 Resp: 13691
Ion Ratio Lower Upper
202 100
101 11.3 11.5 17.3#
100 9.6 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 1.477 ng/ul
RT: 21.155 min Scan# 4069
Delta R.T. -0.026 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

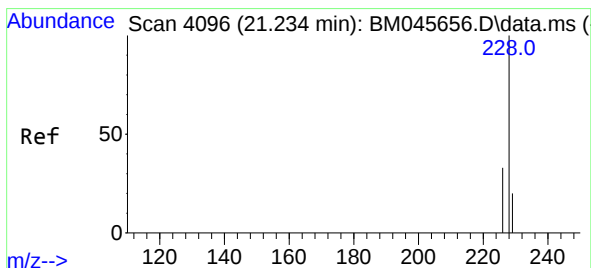
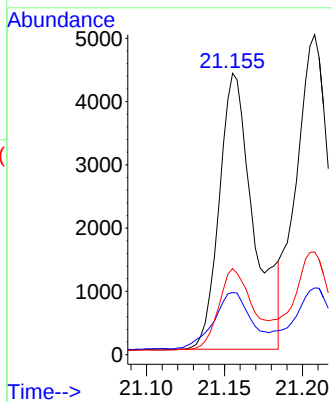
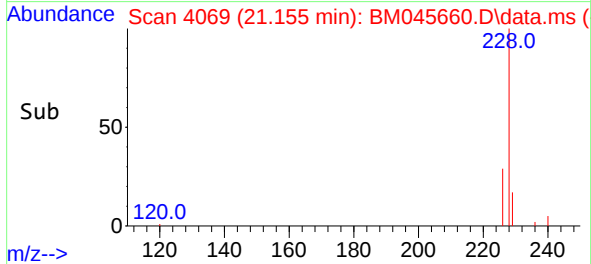
Instrument :
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Tgt Ion:228 Resp: 668
Ion Ratio Lower Upper
228 100
229 22.1 19.4 29.2
226 30.6 26.3 39.5

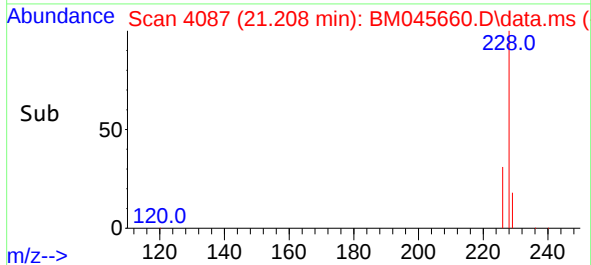
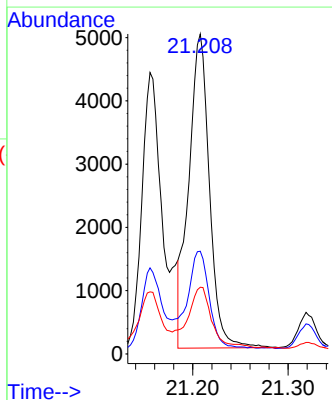
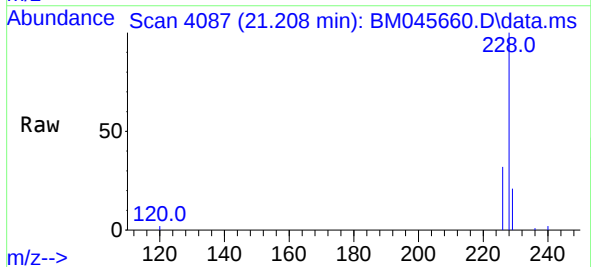
Manual Integrations
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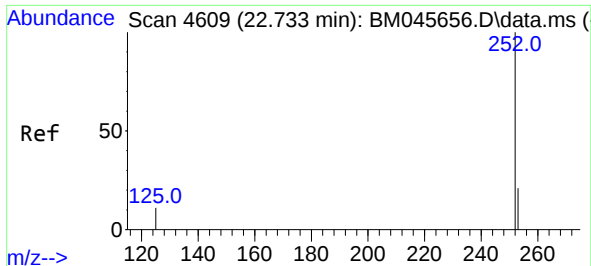
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#22
Chrysene
Concen: 1.074 ng/ul
RT: 21.208 min Scan# 4087
Delta R.T. -0.017 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

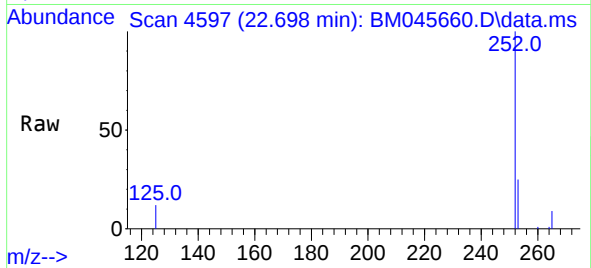
Tgt Ion:228 Resp: 7477
Ion Ratio Lower Upper
228 100
226 32.1 26.3 39.5
229 20.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 1.986 ng/ul m
RT: 22.698 min Scan# 4610
Delta R.T. -0.026 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

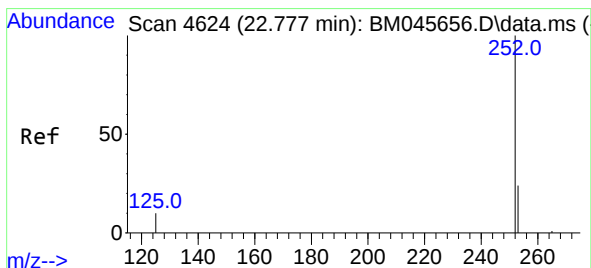
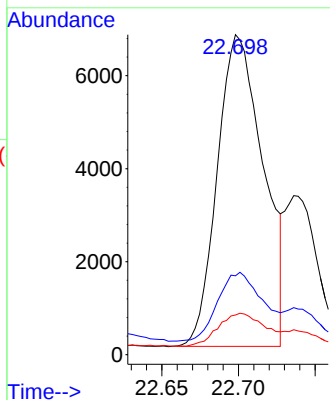
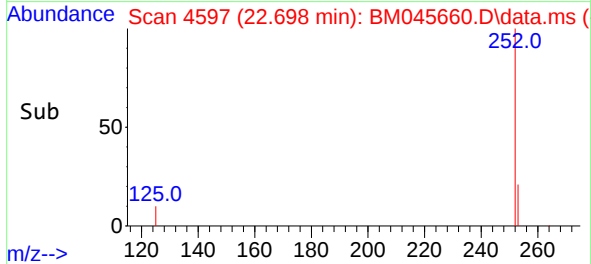
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 14010
Ion Ratio Lower Upper
252 100
253 24.7 0.0 63.4
125 12.4 0.0 36.8

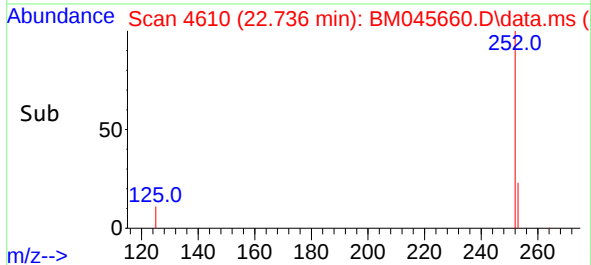
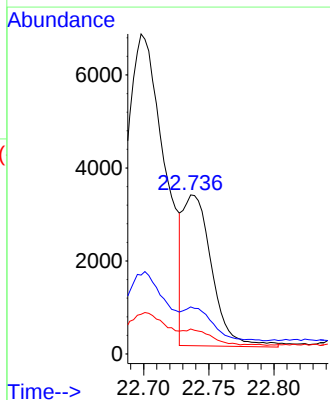
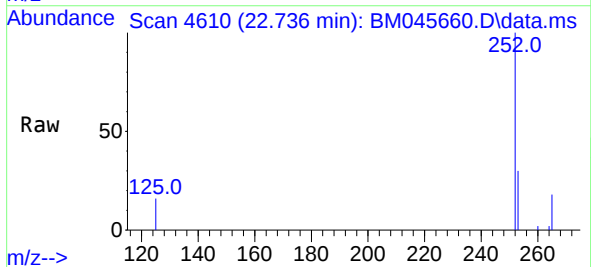
Manual Integrations
APPROVED

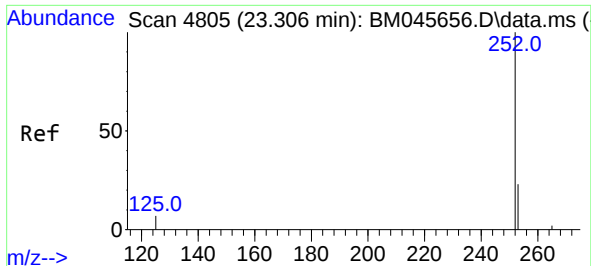
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#25
Benzo(k)fluoranthene
Concen: 0.559 ng/ul m
RT: 22.736 min Scan# 4610
Delta R.T. -0.032 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

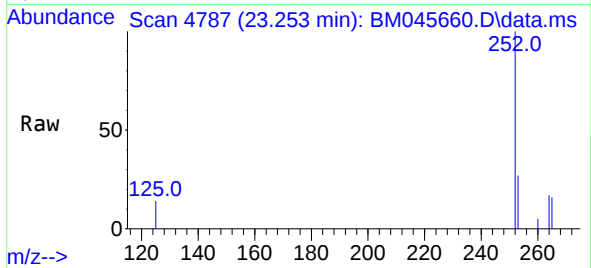
Tgt Ion:252 Resp: 4983
Ion Ratio Lower Upper
252 100
253 29.6 25.4 38.0
125 15.7 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.267 ng/ul m
RT: 23.253 min Scan# 4
Delta R.T. -0.038 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

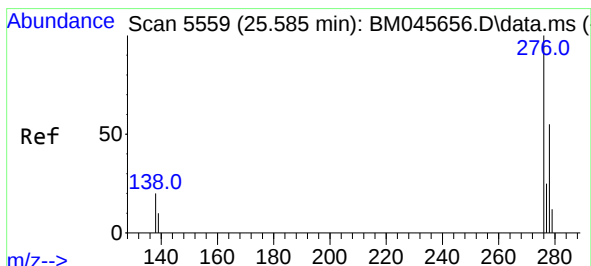
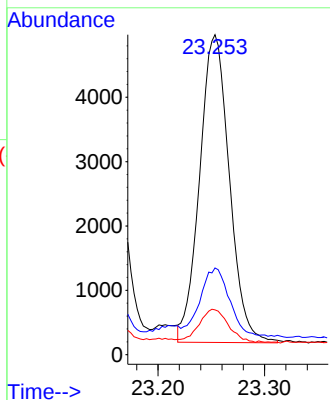
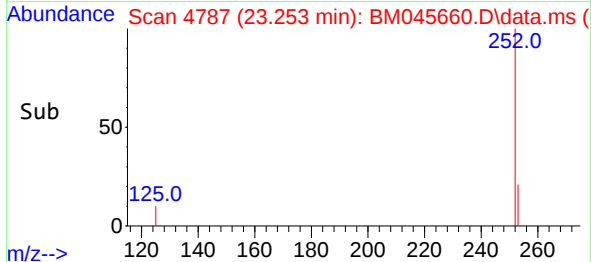
Instrument :
BNA_M
ClientSampleId :
C0AF1



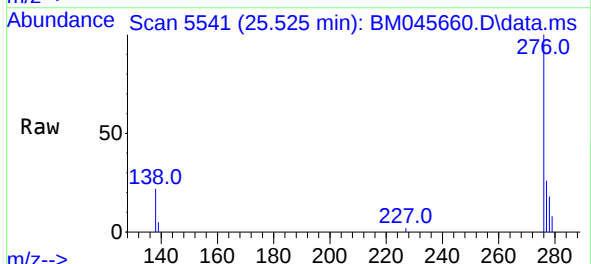
Tgt Ion:252 Resp: 927
Ion Ratio Lower Upper
252 100
253 27.1 31.6 47.4
125 14.0 19.5 29.3

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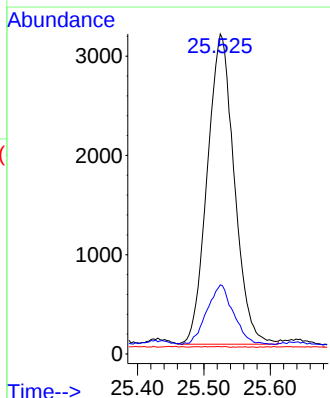
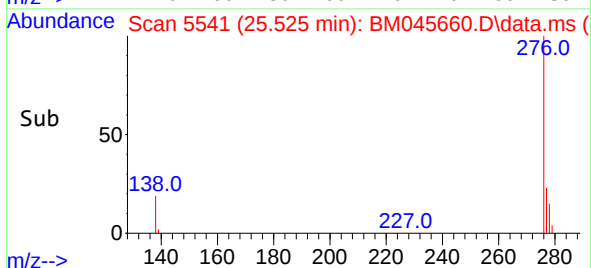
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

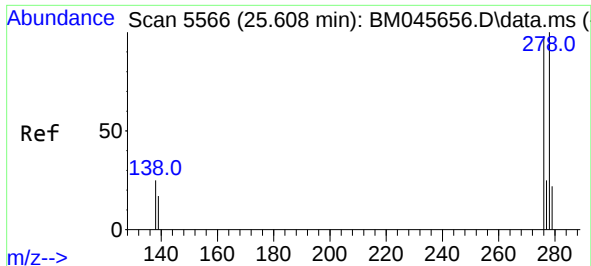


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.831 ng/ul
RT: 25.525 min Scan# 5541
Delta R.T. -0.047 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47



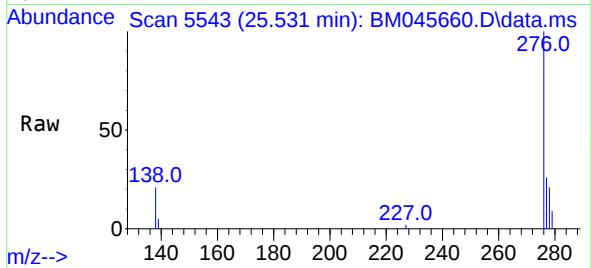
Tgt Ion:276 Resp: 8836
Ion Ratio Lower Upper
276 100
138 19.0 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.223 ng/ul
RT: 25.531 min Scan# 51
Delta R.T. -0.057 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

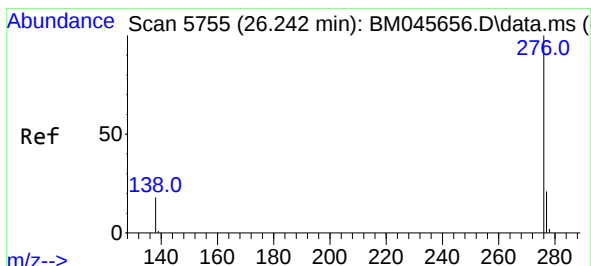
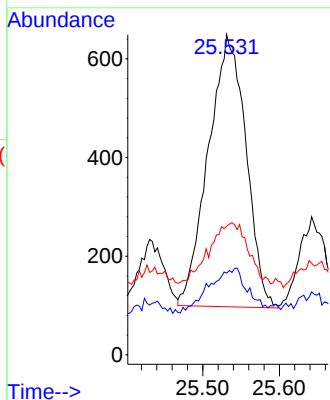
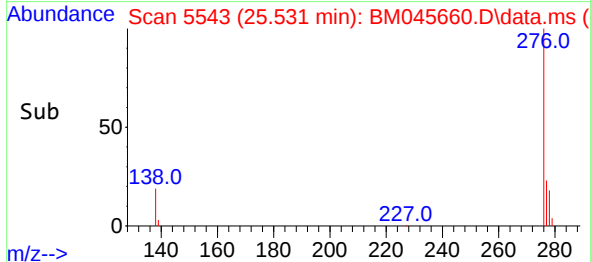
Instrument :
BNA_M
ClientSampleId :
C0AF1



Tgt Ion:278 Resp: 1880
Ion Ratio Lower Upper
278 100
139 25.6 19.0 28.6
279 40.2 29.4 44.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.996 ng/ul
RT: 26.189 min Scan# 5739
Delta R.T. -0.040 min
Lab File: BM045660.D
Acq: 01 May 2024 13:47

Tgt Ion:276 Resp: 9514
Ion Ratio Lower Upper
276 100
138 21.2 20.8 31.2
277 25.3 21.8 32.8

