

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045946.D
 Acq On : 10 Jun 2024 12:19
 Operator : MA/JU
 Sample : P2642-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 12:57:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	5211	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	16530	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	8252	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.844	188	17164m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	13386m	0.400	ng/ul	-0.01
23) Perylene-d12	23.148	264	14313m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	21258	3.582	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152	4828	0.203	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	9719	0.242	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	7290	0.169	ng/ul	95
7) 2-Methylnaphthalene	11.914	142	2349	0.085	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1894	0.063	ng/ul	97
10) Acenaphthylene	13.821	152	7290	0.194	ng/ul	97
11) Acenaphthene	14.168	153	7799	0.283	ng/ul	98
12) Fluorene	15.158	166	9436	0.306	ng/ul	98
15) Phenanthrene	16.887	178	162661m	3.375	ng/ul	
16) Anthracene	16.979	178	33928m	0.825	ng/ul	
19) Fluoranthene	18.908	202	225602	4.227	ng/ul	97
20) Pyrene	19.270	202	190552	3.422	ng/ul	96
21) Benzo(a)anthracene	21.023	228	95730	1.948	ng/ul	98
22) Chrysene	21.076	228	97103	1.815	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	125913m	2.652	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	42083m	0.807	ng/ul	
26) Benzo(a)pyrene	23.054	252	89337	1.892	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.209	276	63294	1.037	ng/ul	91
28) Dibenzo(a,h)anthracene	25.212	278	14622	0.300	ng/ul#	90
29) Benzo(g,h,i)perylene	25.836	276	65303	1.240	ng/ul	96

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

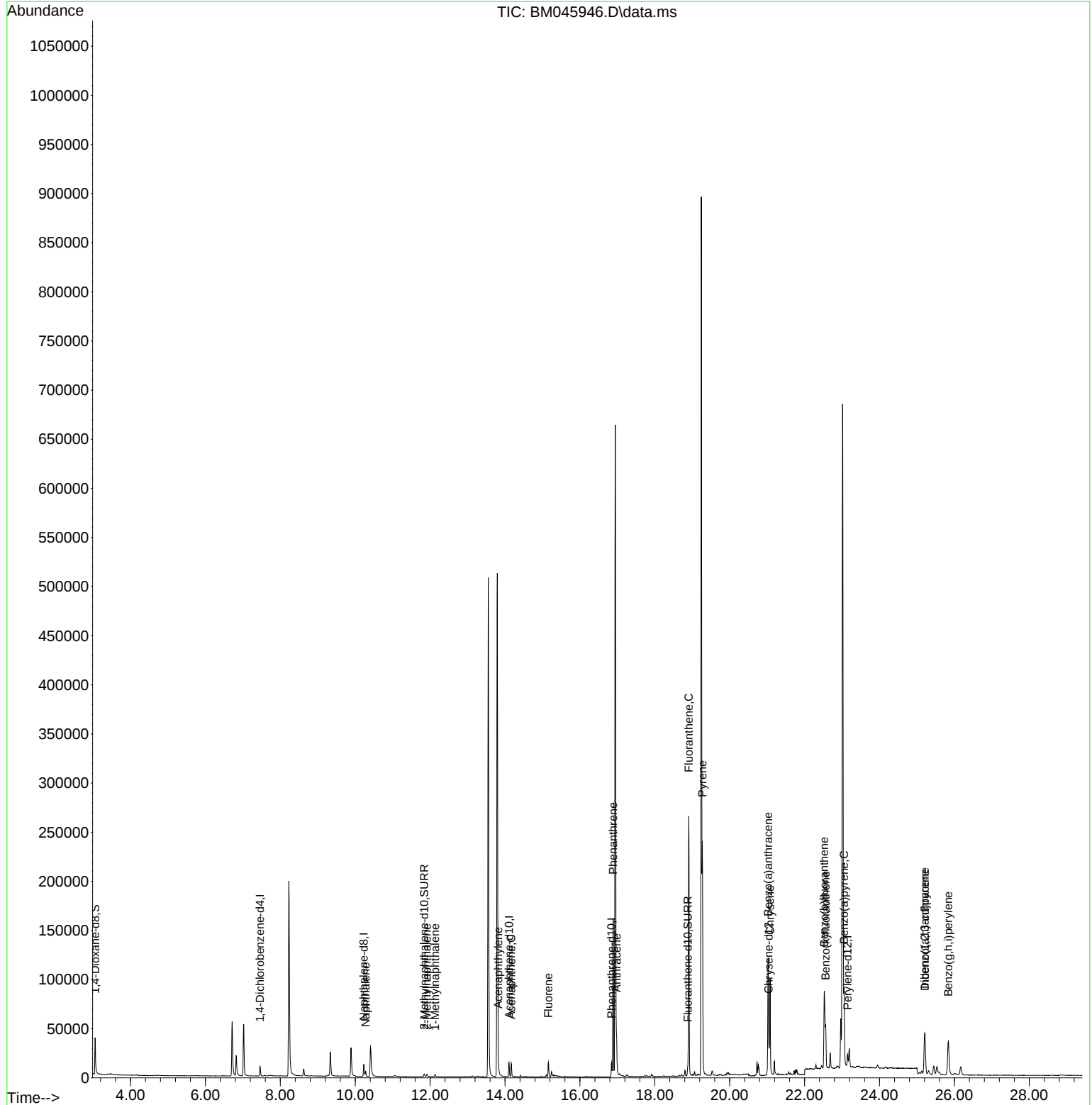
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045946.D
Acq On : 10 Jun 2024 12:19
Operator : MA/JU
Sample : P2642-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

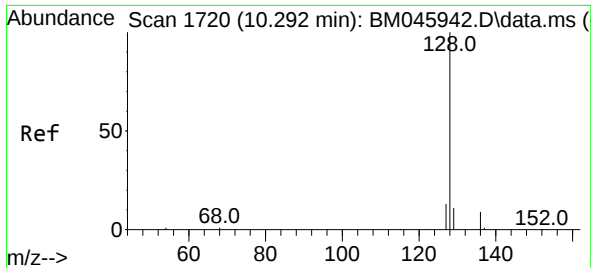
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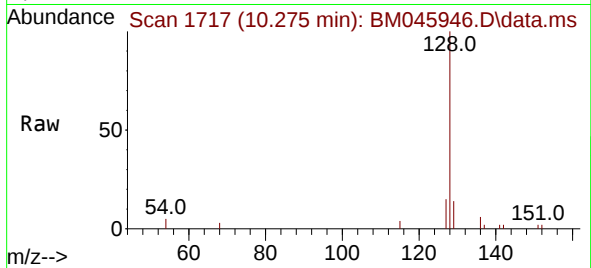
Quant Time: Jun 10 12:57:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.169 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.028 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

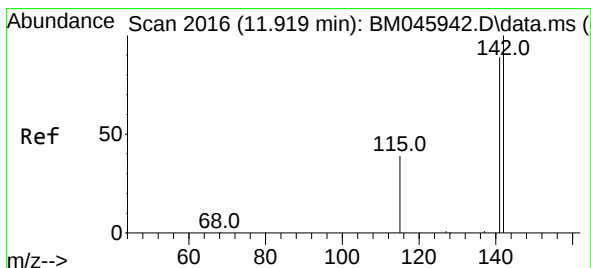
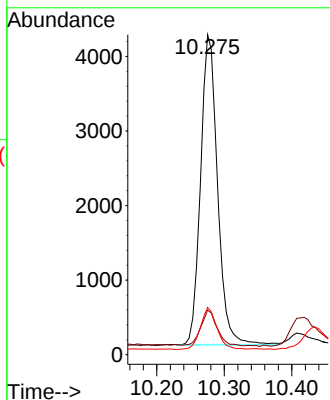
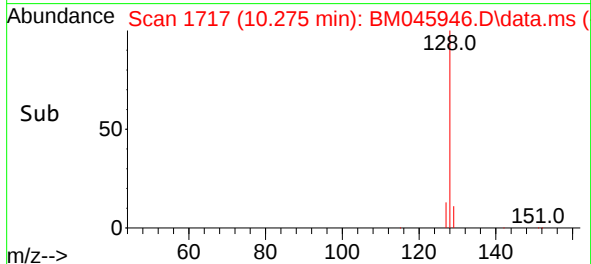
Instrument :
BNA_M
ClientSampleId :
A4BH0



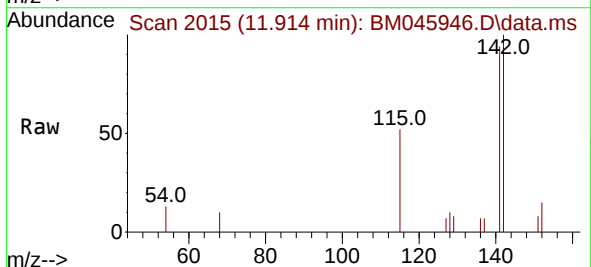
Tgt Ion:128 Resp: 7290
Ion Ratio Lower Upper
128 100
129 13.9 9.4 14.0
127 14.7 10.6 15.8

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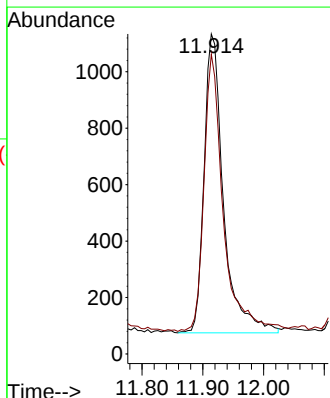
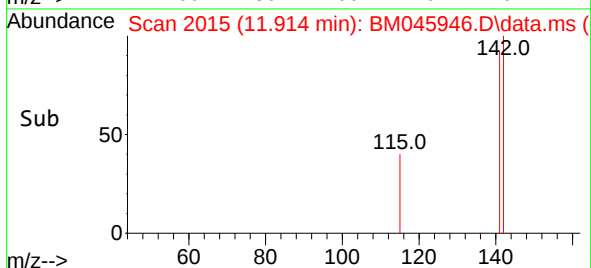
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

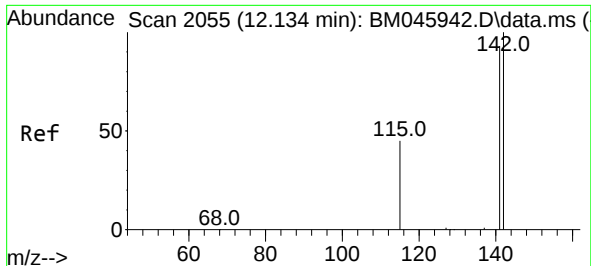


#7
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19



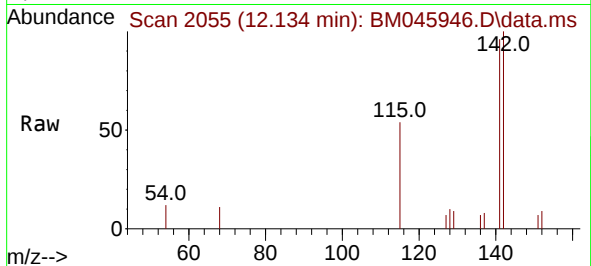
Tgt Ion:142 Resp: 2349
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

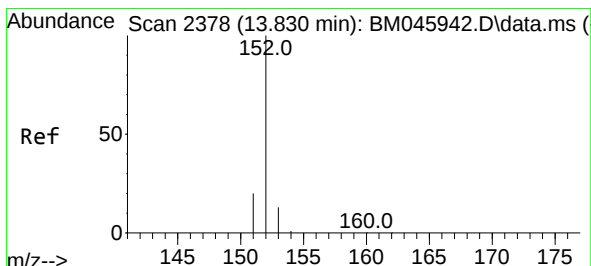
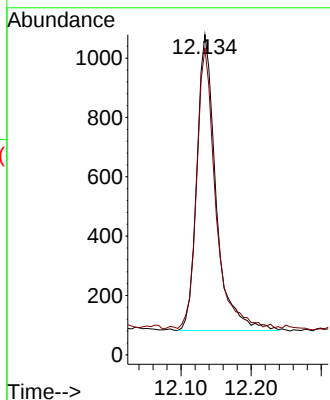
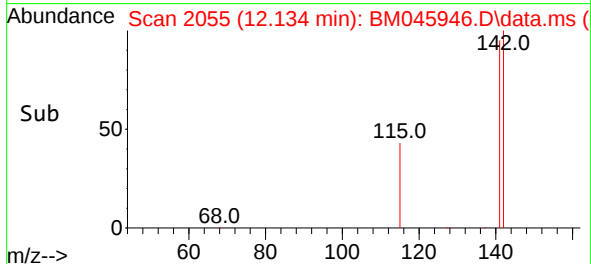
Instrument :
BNA_M
ClientSampleId :
A4BH0



Tgt Ion:142 Resp: 1894
Ion Ratio Lower Upper
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141 94.5 73.5 110.3

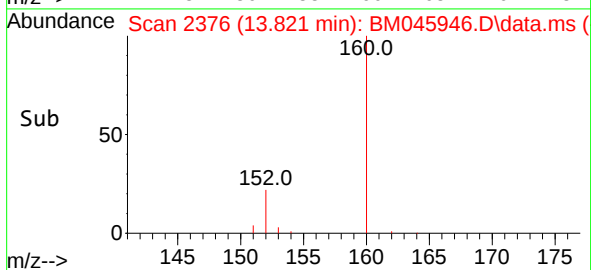
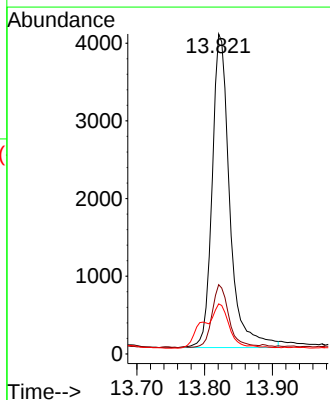
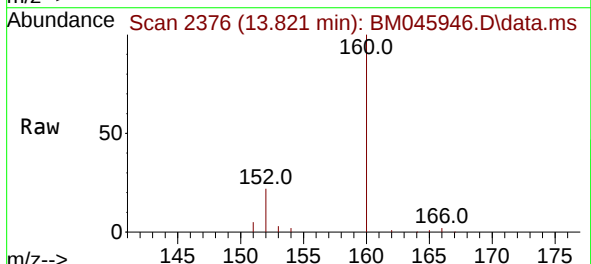
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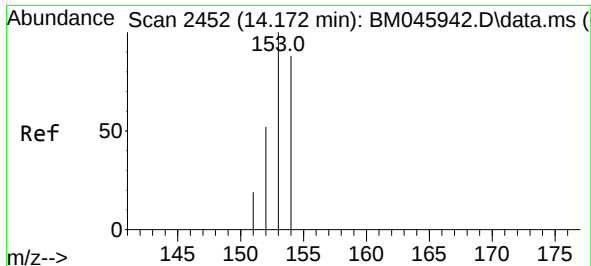
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.194 ng/ul
RT: 13.821 min Scan# 2376
Delta R.T. -0.019 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

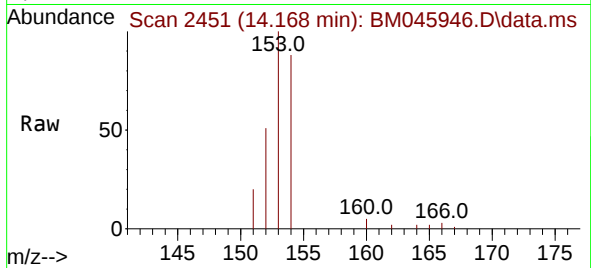
Tgt Ion:152 Resp: 7290
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6
153 15.7 11.1 16.7





#11
Acenaphthene
Concen: 0.283 ng/u1
RT: 14.168 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

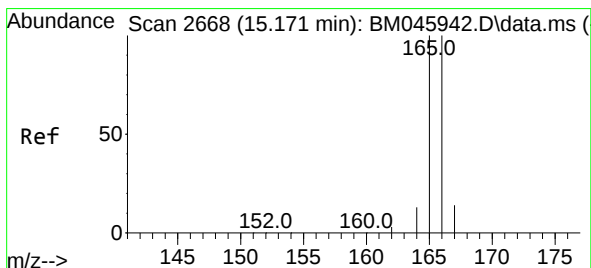
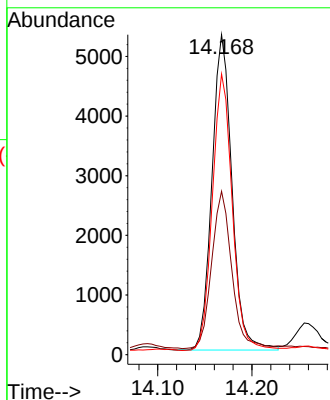
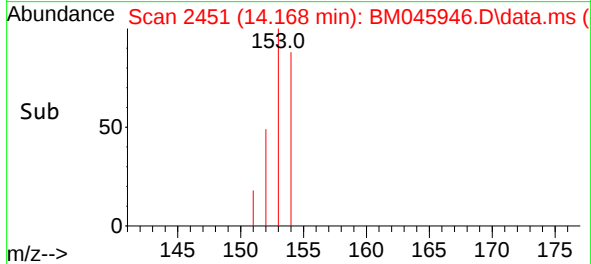
Instrument :
BNA_M
ClientSampleId :
A4BH0



Tgt Ion:153 Resp: 7799
Ion Ratio Lower Upper
153 100
152 51.0 39.0 58.4
154 87.7 69.4 104.2

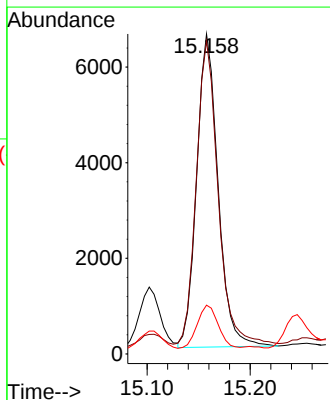
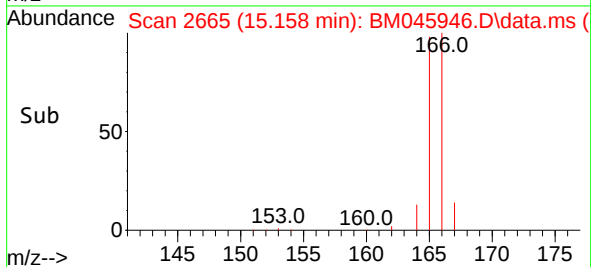
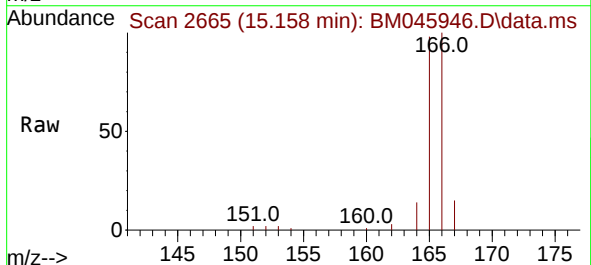
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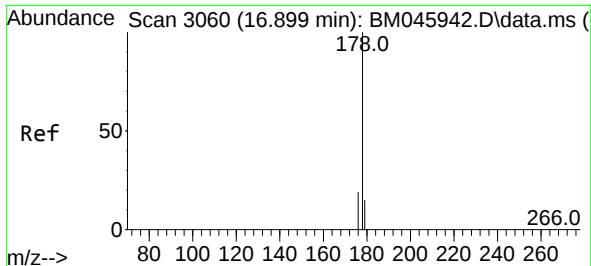
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.306 ng/u1
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

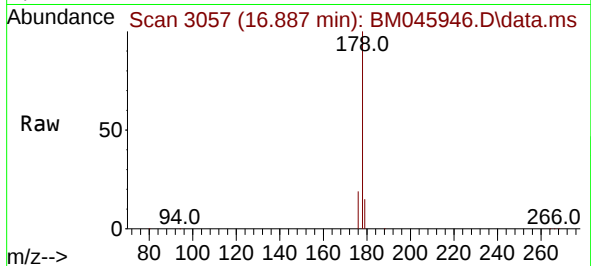
Tgt Ion:166 Resp: 9436
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 15.3 11.3 16.9





#15
Phenanthrene
Concen: 3.375 ng/ul m
RT: 16.887 min Scan# 3057
Delta R.T. -0.017 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

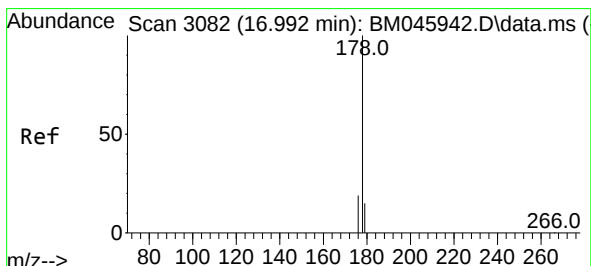
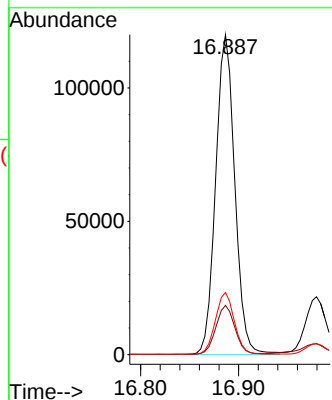
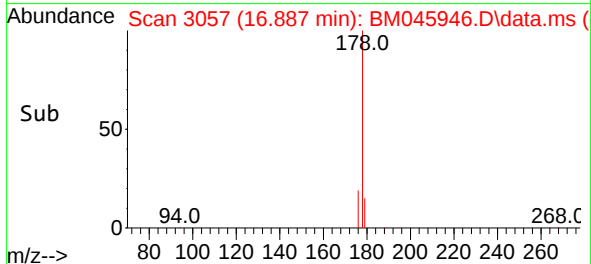
Instrument :
BNA_M
ClientSampleId :
A4BH0



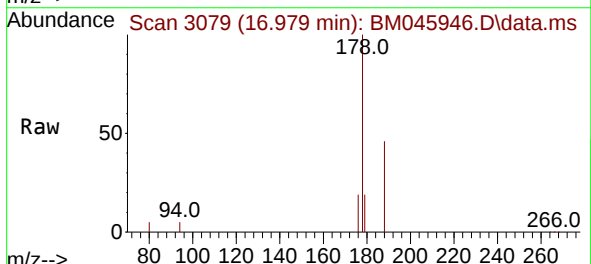
Tgt Ion:178 Resp: 16266
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.4 15.6 23.4

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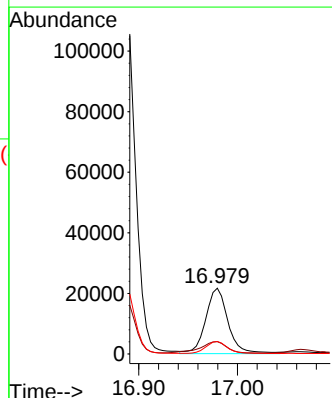
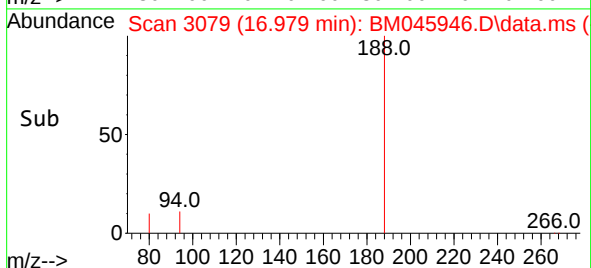
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

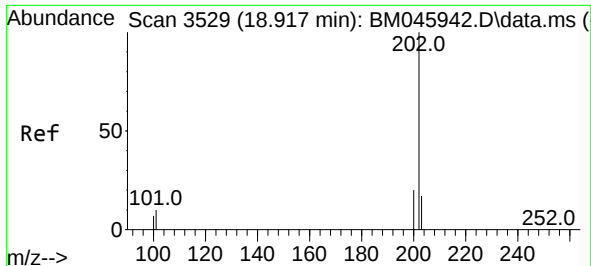


#16
Anthracene
Concen: 0.825 ng/ul m
RT: 16.979 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19



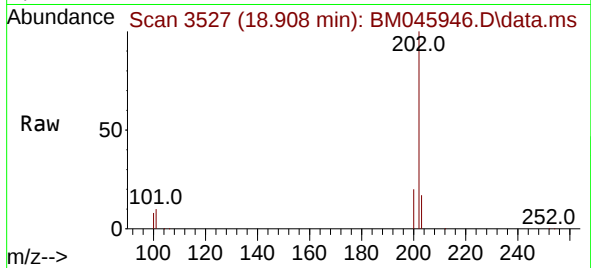
Tgt Ion:178 Resp: 33928
Ion Ratio Lower Upper
178 100
179 18.7 13.1 19.7
176 19.0 15.5 23.3





#19
Fluoranthene
Concen: 4.227 ng/u1
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

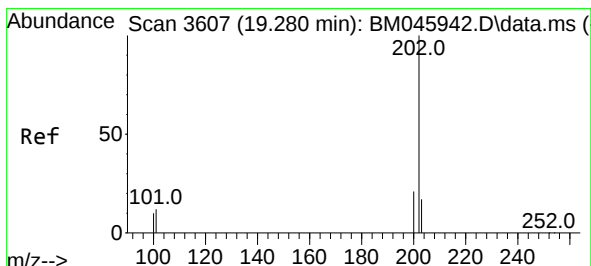
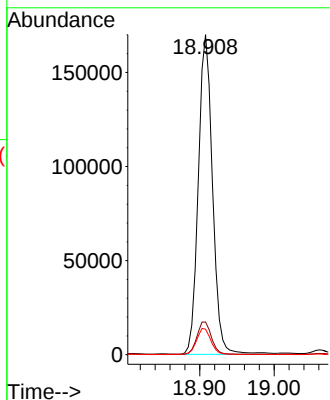
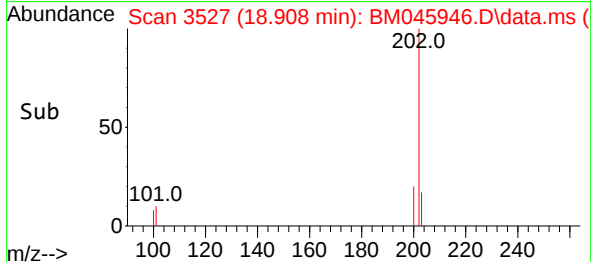
Instrument :
BNA_M
ClientSampleId :
A4BH0



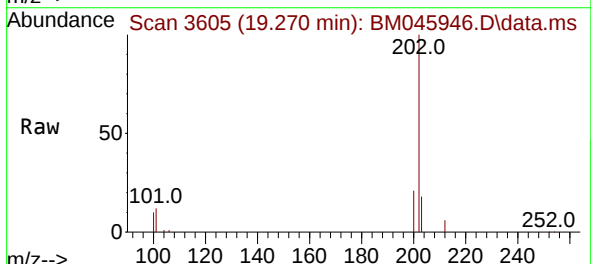
Tgt Ion:202 Resp: 22560
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.6
100 8.0 7.0 10.6

Manual Integrations
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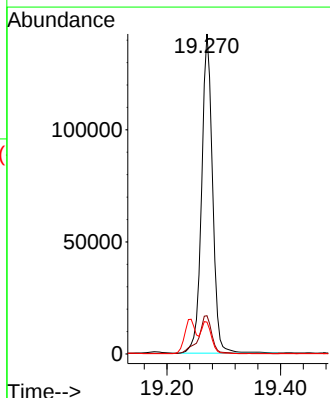
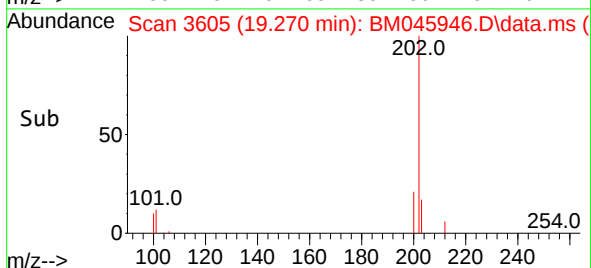
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

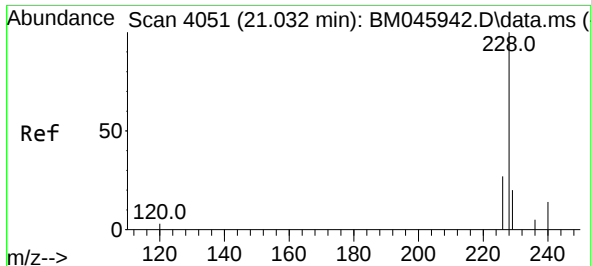


#20
Pyrene
Concen: 3.422 ng/u1
RT: 19.270 min Scan# 3605
Delta R.T. -0.014 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19



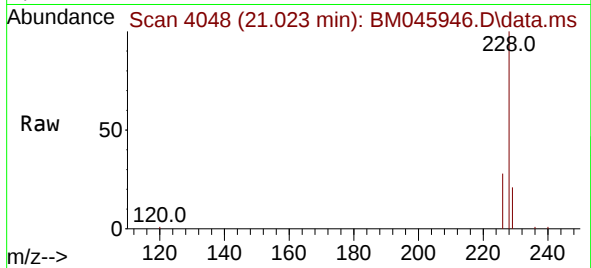
Tgt Ion:202 Resp: 190552
Ion Ratio Lower Upper
202 100
101 12.0 10.6 16.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.948 ng/ul
RT: 21.023 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

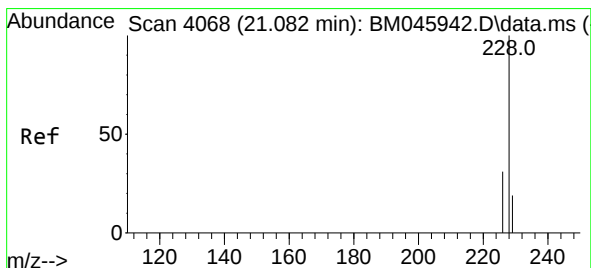
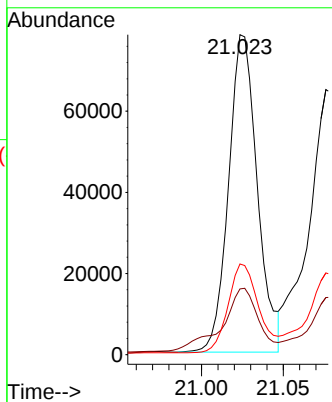
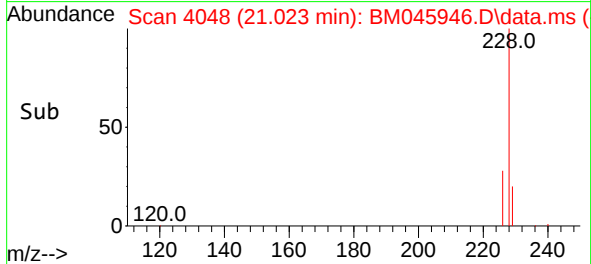
Instrument :
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A4BH0



Tgt Ion:228 Resp: 95730
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.4 22.0 33.0

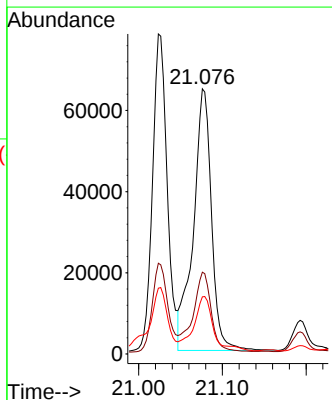
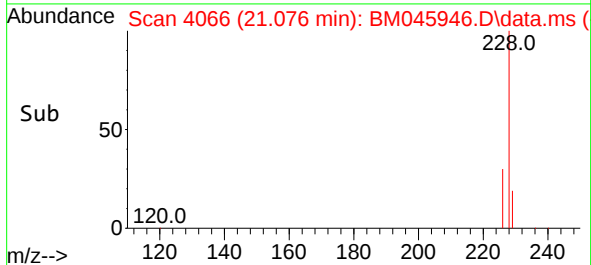
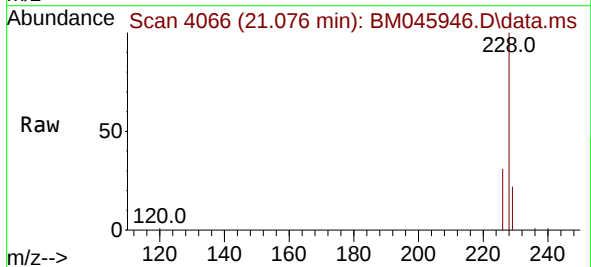
Manual Integrations
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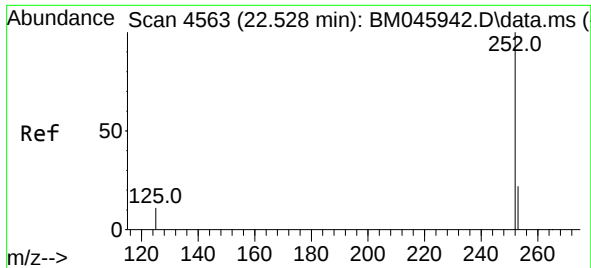
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 1.815 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

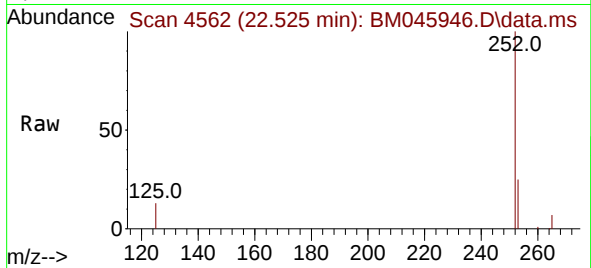
Tgt Ion:228 Resp: 97103
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 2.652 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

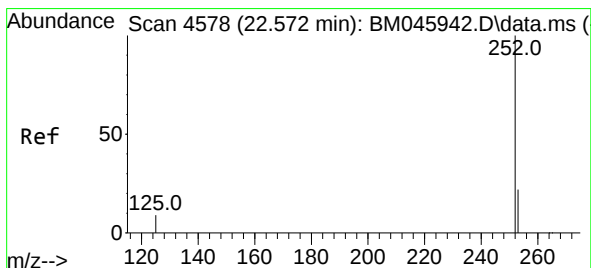
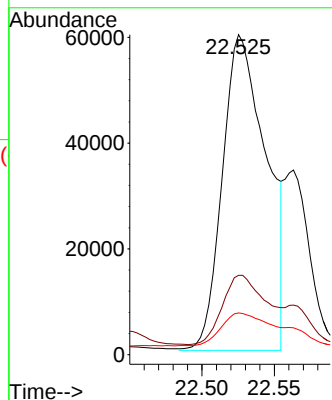
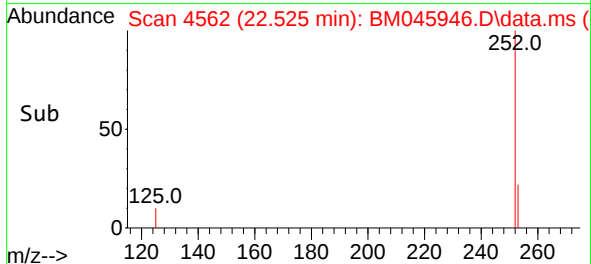
Instrument :
BNA_M
ClientSampleId :
A4BH0



Tgt Ion:252 Resp: 12591
Ion Ratio Lower Upper
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253 24.8 0.0 63.6
125 13.1 0.0 35.8

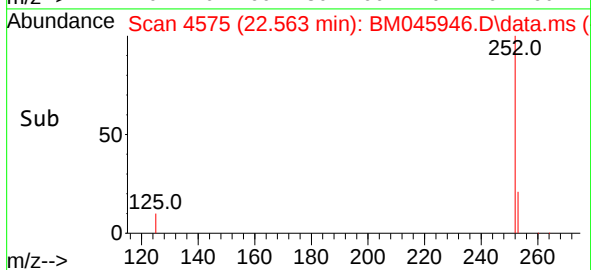
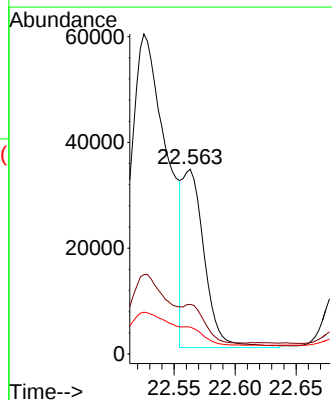
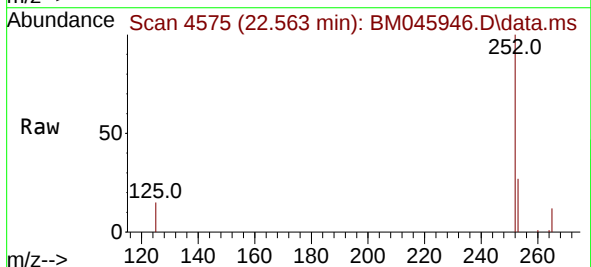
Manual Integrations
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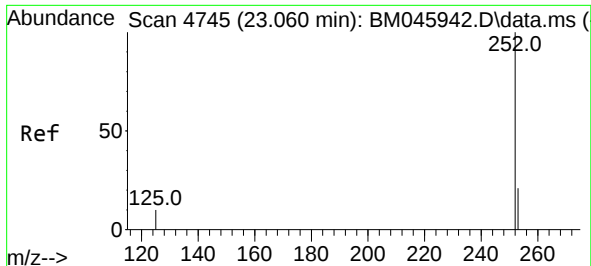
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.807 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

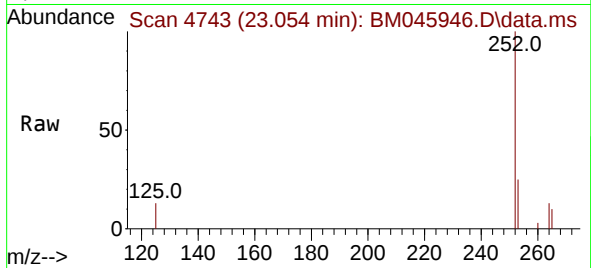
Tgt Ion:252 Resp: 42083
Ion Ratio Lower Upper
252 100
253 26.9 25.0 37.6
125 14.5 14.2 21.2





#26
Benzo(a)pyrene
Concen: 1.892 ng/ul
RT: 23.054 min Scan# 4745
Delta R.T. -0.018 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

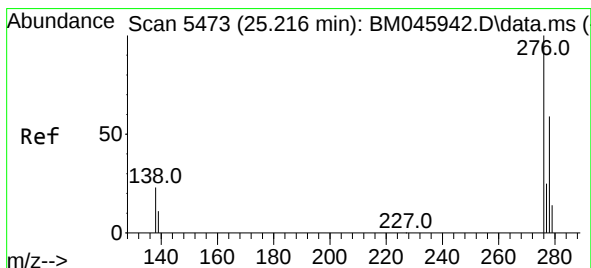
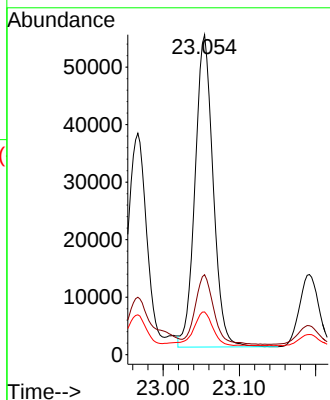
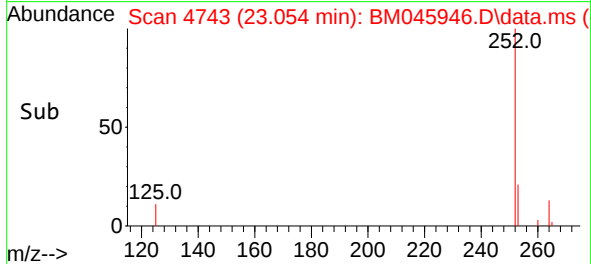
Instrument :
BNA_M
ClientSampleId :
A4BH0



Tgt Ion:252 Resp: 8933
Ion Ratio Lower Upper
252 100
253 25.0 28.8 43.2
125 13.4 17.3 25.9

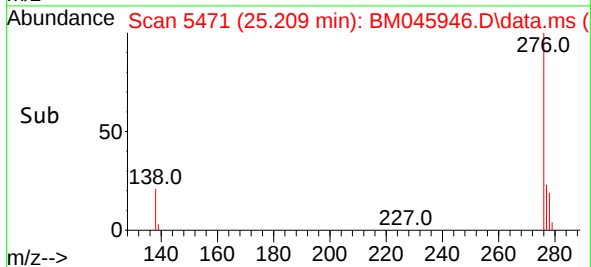
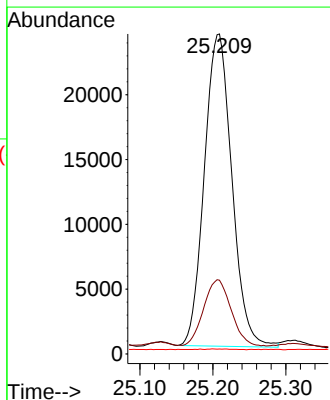
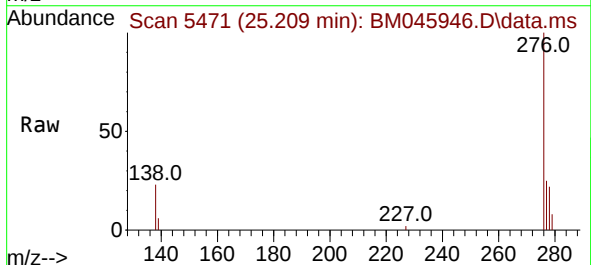
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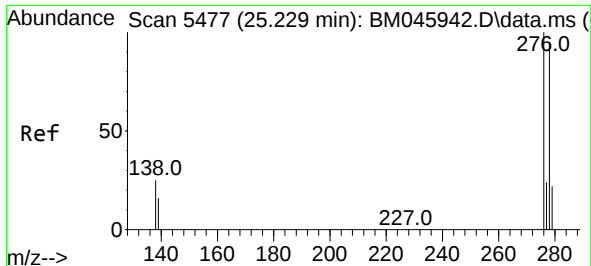
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.037 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

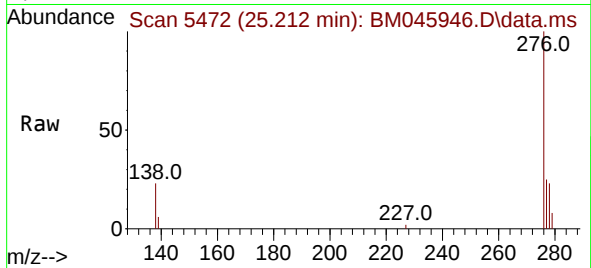
Tgt Ion:276 Resp: 63294
Ion Ratio Lower Upper
276 100
138 21.2 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.037 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19

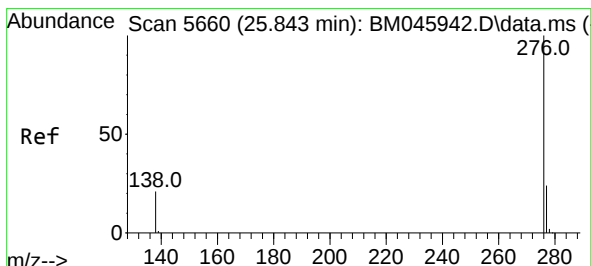
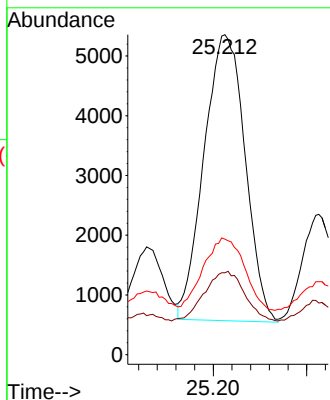
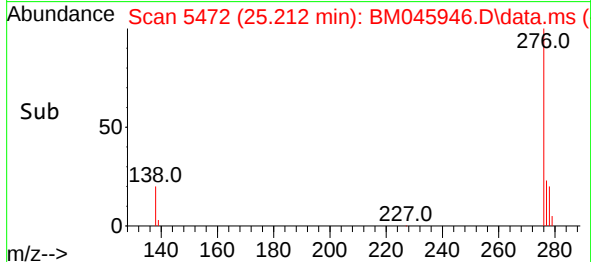
Instrument :
BNA_M
ClientSampleId :
A4BH0



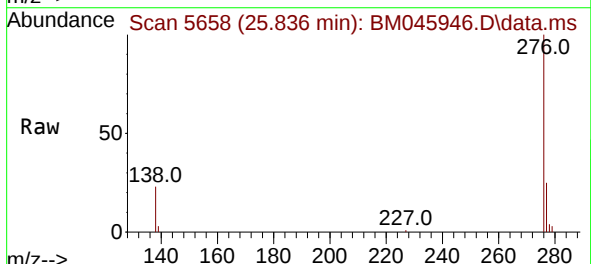
Tgt Ion:278 Resp: 1462
Ion Ratio Lower Upper
278 100
139 25.6 16.6 25.0
279 36.1 24.6 37.0

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Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 1.240 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.026 min
Lab File: BM045946.D
Acq: 10 Jun 2024 12:19



Tgt Ion:276 Resp: 65303
Ion Ratio Lower Upper
276 100
138 23.3 21.0 31.4
277 24.9 20.5 30.7

