

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
 Data File : BM045996.D
 Acq On : 12 Jun 2024 13:41
 Operator : MA/JU
 Sample : P2642-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C18MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 00:07:44 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 : Thu Jun 13 00:05:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	10368	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	6611	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.833	188	14672	0.400	ng/ul	-0.01
17) Chrysene-d12	21.026	240	12310	0.400	ng/ul	-0.01
23) Perylene-d12	23.127	264	14208	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.050	96	1771	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	4495	0.301	ng/ul	-0.01
18) Fluoranthene-d10	18.863	212	12651	0.343	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.075	88	4390	1.158	ng/ul#	75
5) Naphthalene	10.271	128	14467	0.534	ng/ul	99
7) 2-Methylnaphthalene	11.899	142	7658	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.119	142	7395	0.394	ng/ul	100
10) Acenaphthylene	13.813	152	16185	0.538	ng/ul	100
11) Acenaphthene	14.155	153	16292	0.737	ng/ul	99
12) Fluorene	15.150	166	19265	0.780	ng/ul	99
14) Pentachlorophenol	16.516	266	1537	0.560	ng/ul	96
15) Phenanthrene	16.875	178	250018	6.069	ng/ul	99
16) Anthracene	16.968	178	46935	1.336	ng/ul	99
19) Fluoranthene	18.891	202	452497	9.218	ng/ul	98
20) Pyrene	19.258	202	363119	7.091	ng/ul	95
21) Benzo(a)anthracene	21.011	228	202825	4.489	ng/ul	99
22) Chrysene	21.061	228	216050m	4.392	ng/ul	
24) Benzo(b)fluoranthene	22.507	252	248443m	5.272	ng/ul	
25) Benzo(k)fluoranthene	22.545	252	103673m	2.002	ng/ul	
26) Benzo(a)pyrene	23.036	252	117814	2.514	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.178	276	93928	1.550	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.189	278	35163	0.726	ng/ul	96
29) Benzo(g,h,i)perylene	25.806	276	15402	0.295	ng/ul	97

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

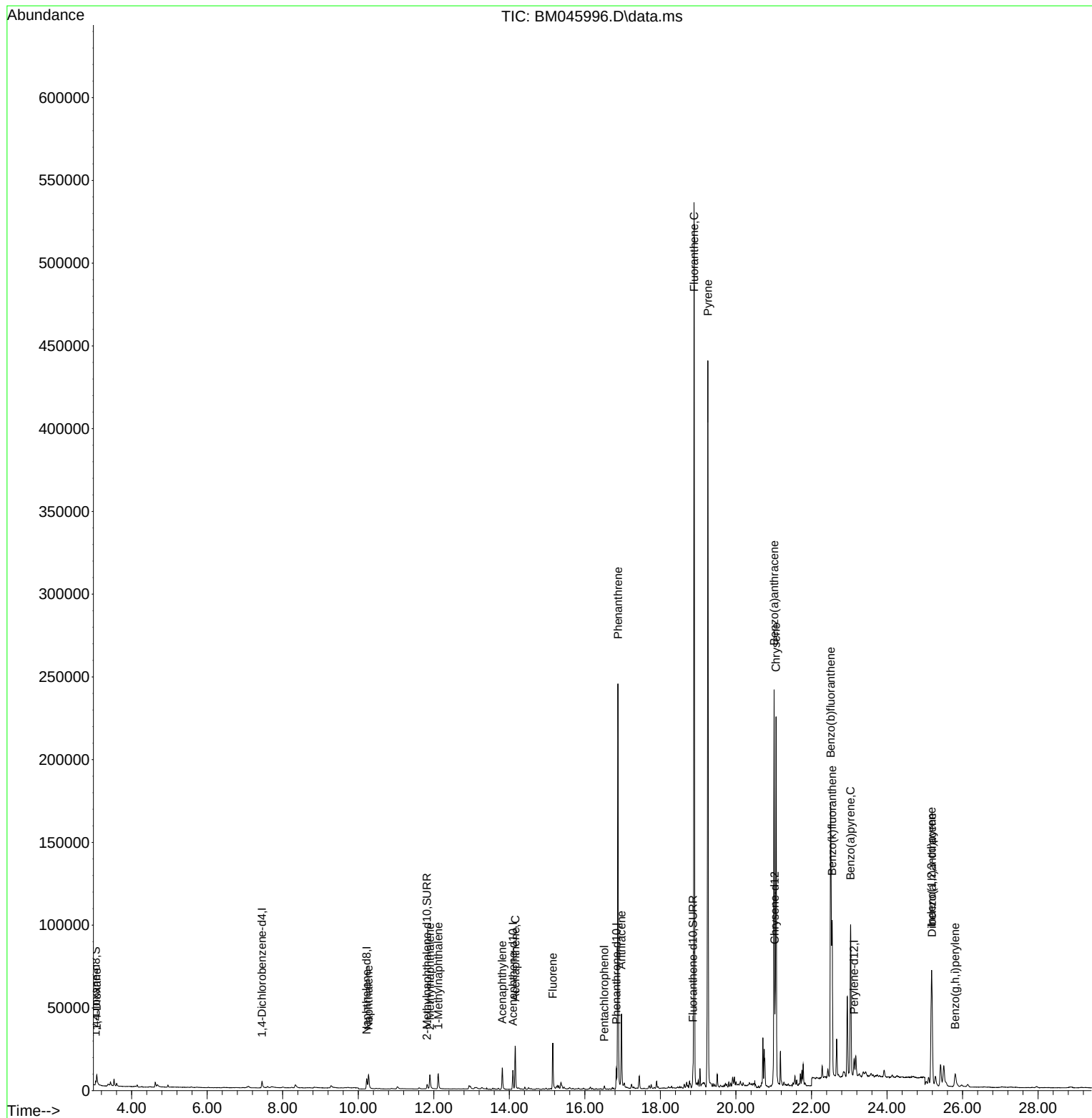
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045996.D
Acq On : 12 Jun 2024 13:41
Operator : MA/JU
Sample : P2642-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

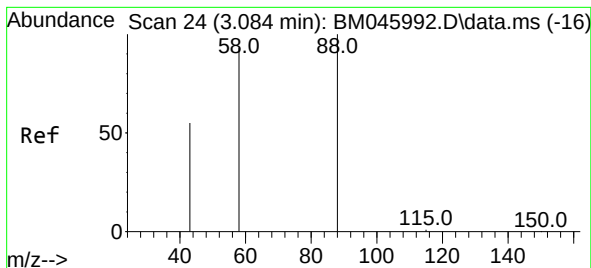
Instrument :
BNA_M
ClientSampleId :
A4C18MS

Quant Time: Jun 13 00:07:44 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 : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration

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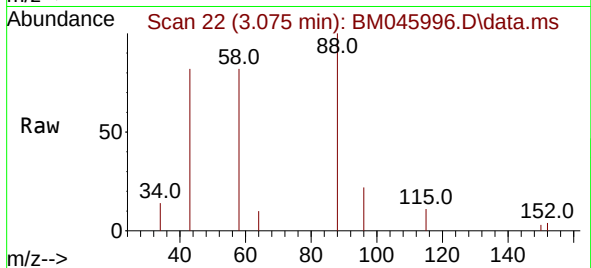
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024





#2
1,4-Dioxane
Concen: 1.158 ng/ul
RT: 3.075 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

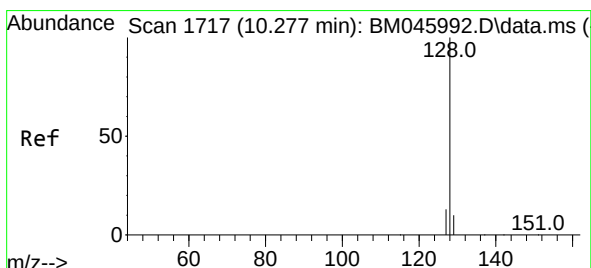
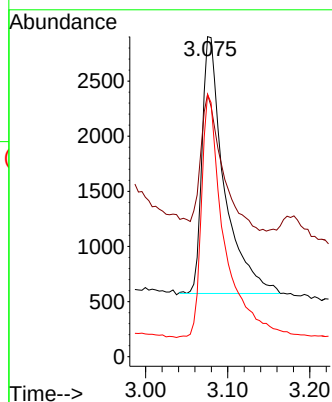
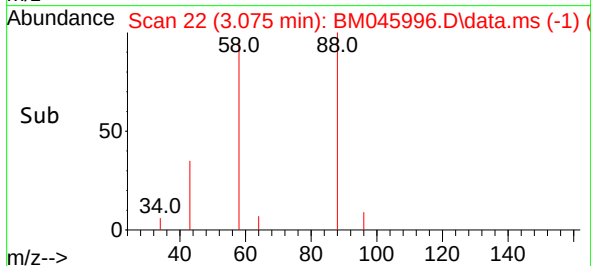
Instrument :
BNA_M
ClientSampleId :
A4C18MS



Tgt Ion: 88 Resp: 4390
Ion Ratio Lower Upper
88 100
43 81.9 87.4 131.2
58 81.9 51.1 76.7

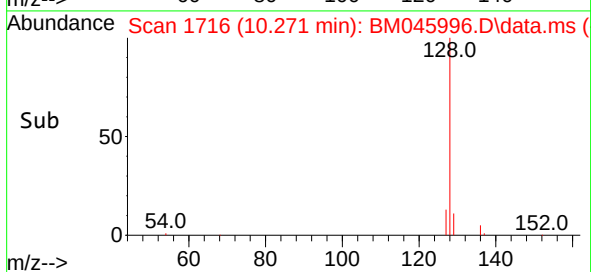
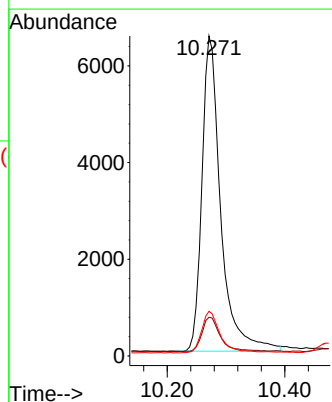
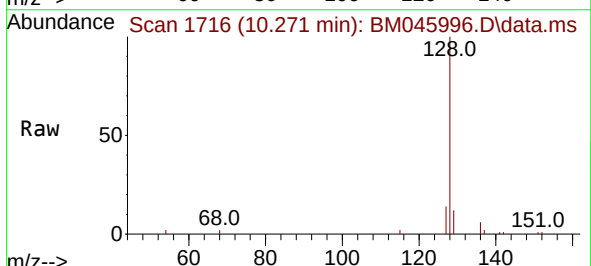
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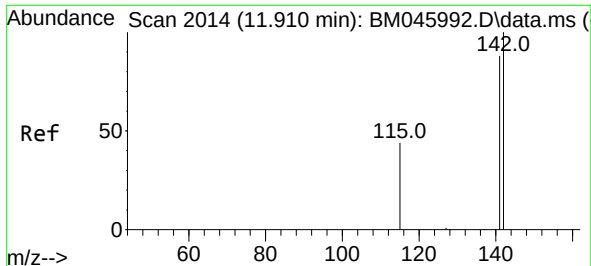
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#5
Naphthalene
Concen: 0.534 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

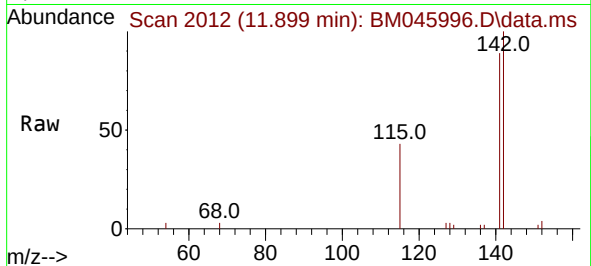
Tgt Ion:128 Resp: 14467
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.9 10.6 15.8





#7
2-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

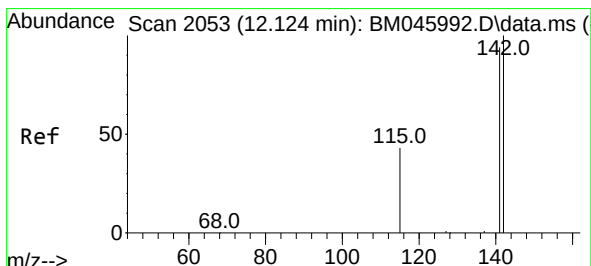
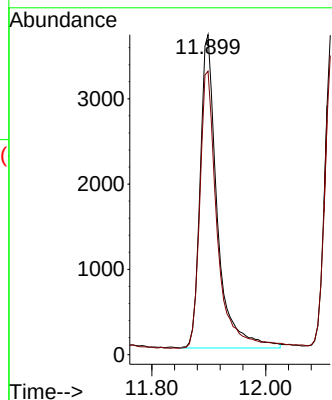
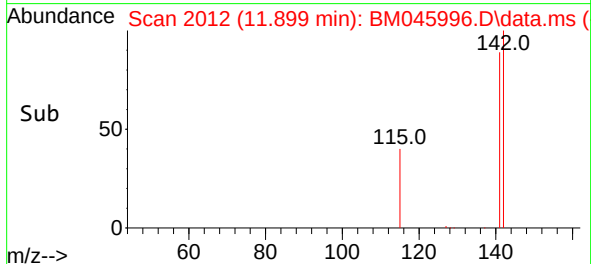
Instrument :
BNA_M
ClientSampleId :
A4C18MS



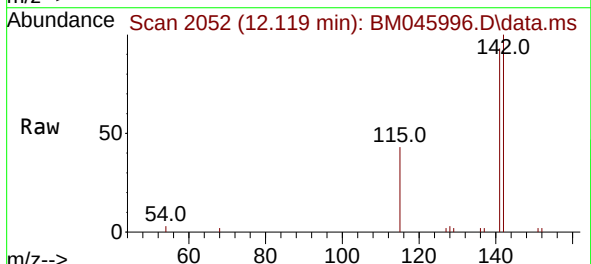
Tgt Ion:142 Resp: 7658
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4

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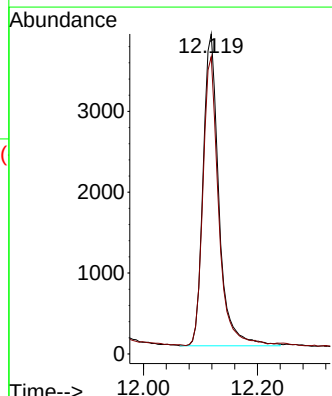
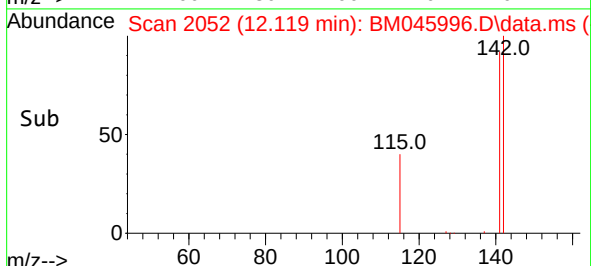
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

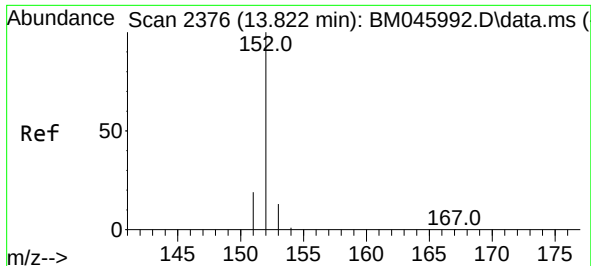


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41



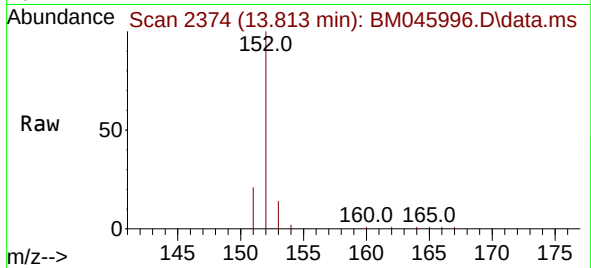
Tgt Ion:142 Resp: 7395
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3





#10
Acenaphthylene
Concen: 0.538 ng/ul
RT: 13.813 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

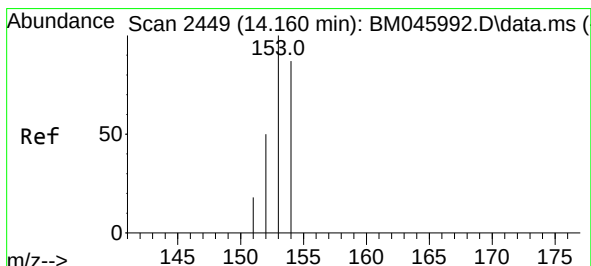
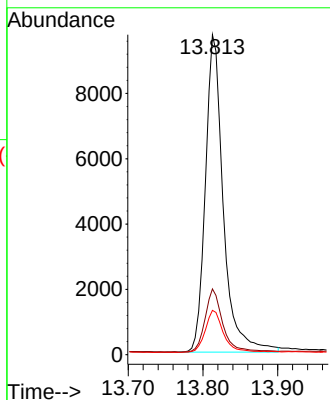
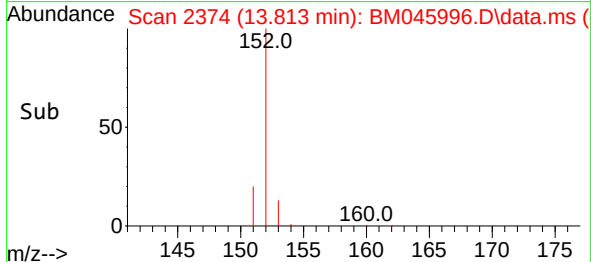
Instrument :
BNA_M
ClientSampleId :
A4C18MS



Tgt Ion:152 Resp: 1618
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.8 11.1 16.7

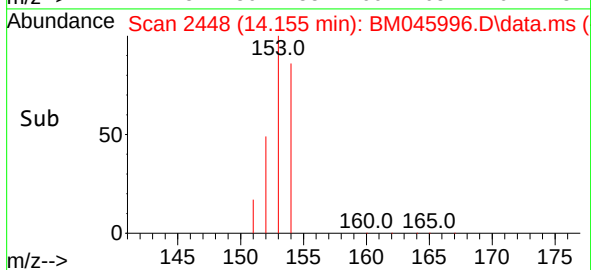
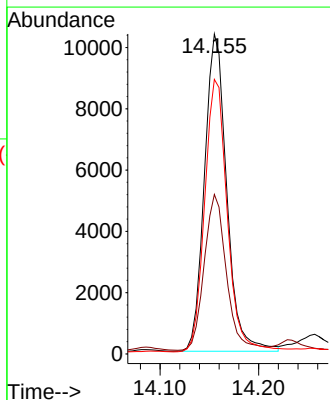
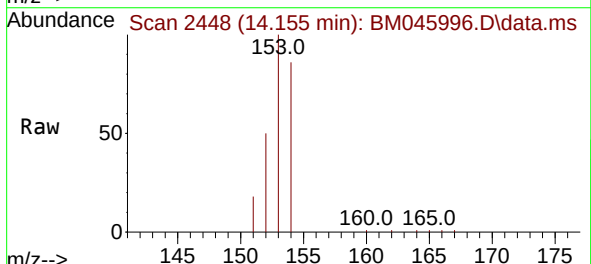
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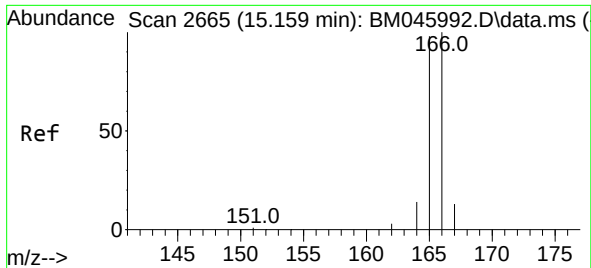
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#11
Acenaphthene
Concen: 0.737 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

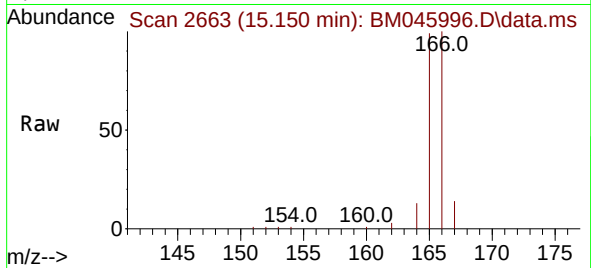
Tgt Ion:153 Resp: 16292
Ion Ratio Lower Upper
153 100
152 49.8 39.0 58.4
154 85.8 69.4 104.2





#12
Fluorene
Concen: 0.780 ng/ul
RT: 15.150 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

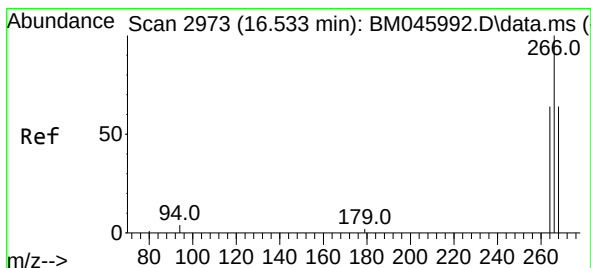
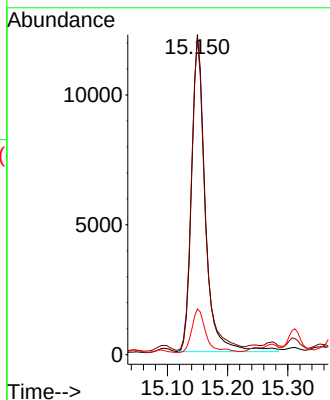
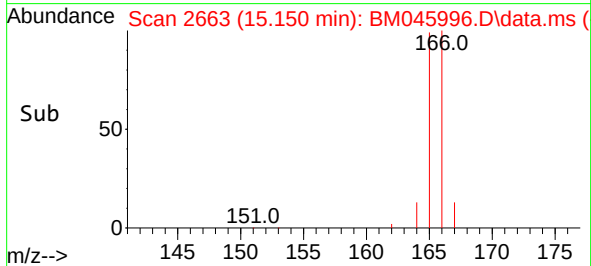
Instrument :
BNA_M
ClientSampleId :
A4C18MS



Tgt Ion:166 Resp: 1926
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 14.3 11.3 16.9

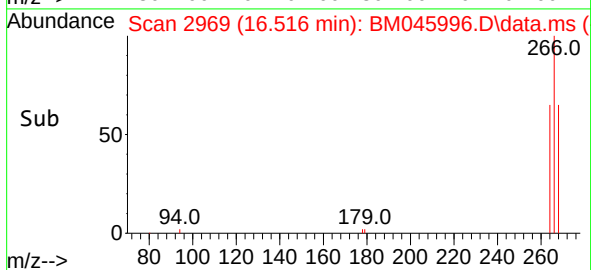
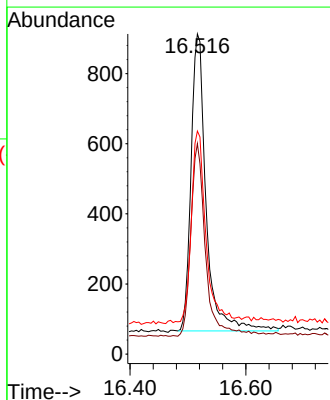
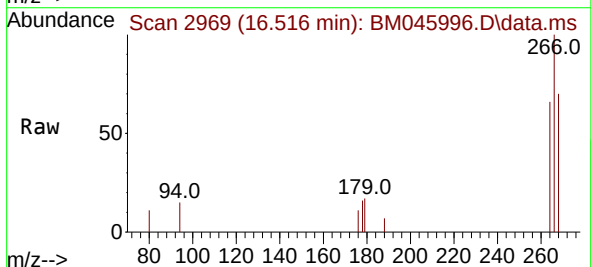
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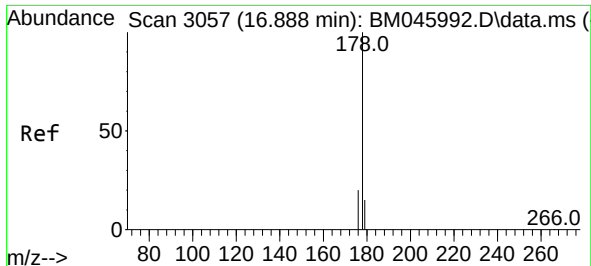
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#14
Pentachlorophenol
Concen: 0.560 ng/ul
RT: 16.516 min Scan# 2969
Delta R.T. -0.017 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

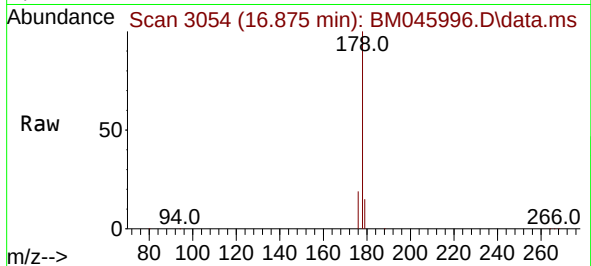
Tgt Ion:266 Resp: 1537
Ion Ratio Lower Upper
266 100
264 63.6 47.9 71.9
268 61.0 50.9 76.3





#15
Phenanthrene
Concen: 6.069 ng/ul
RT: 16.875 min Scan# 3054
Delta R.T. -0.013 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

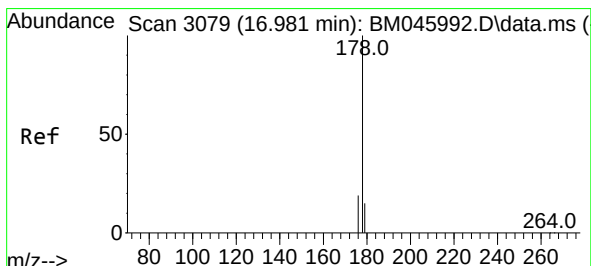
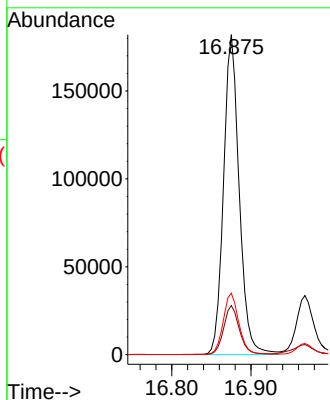
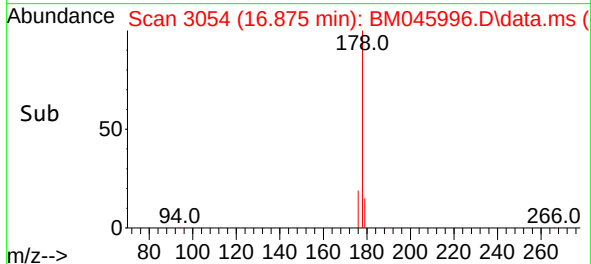
Instrument :
BNA_M
ClientSampleId :
A4C18MS



Tgt Ion:178 Resp: 250018
Ion Ratio Lower Upper
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179 15.3 12.7 19.1
176 19.2 15.6 23.4

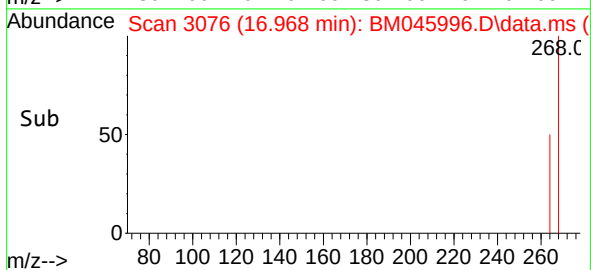
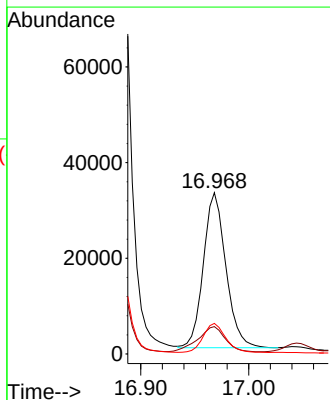
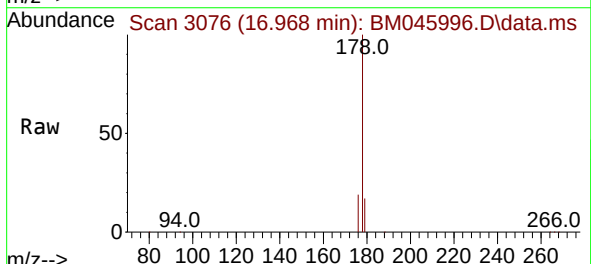
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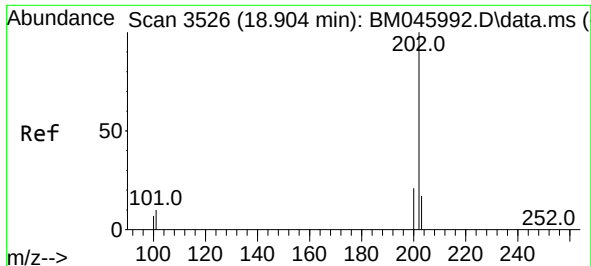
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#16
Anthracene
Concen: 1.336 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.013 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:178 Resp: 46935
Ion Ratio Lower Upper
178 100
179 17.0 13.1 19.7
176 18.9 15.5 23.3





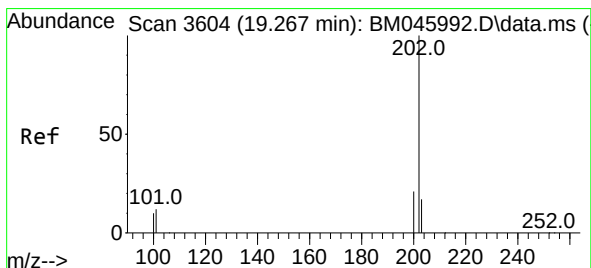
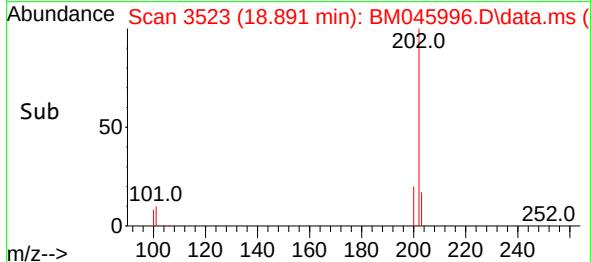
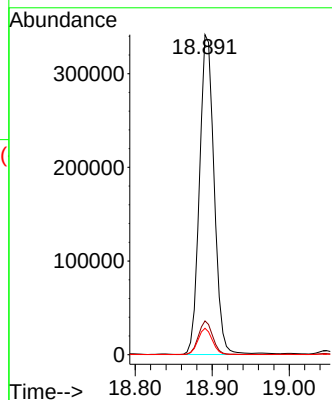
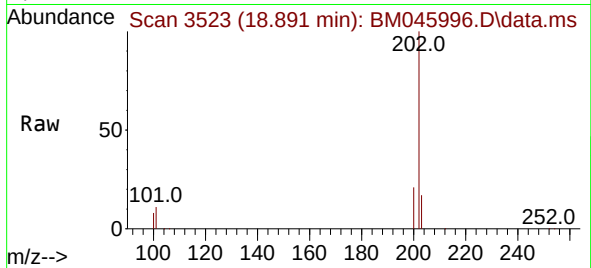
#19
Fluoranthene
Concen: 9.218 ng/u1
RT: 18.891 min Scan# 3523
Delta R.T. -0.014 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:202 Resp: 45249
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.6
100 8.3 7.0 10.6

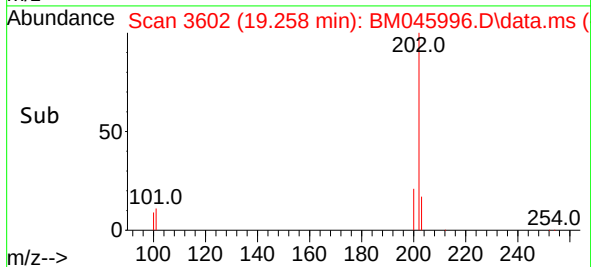
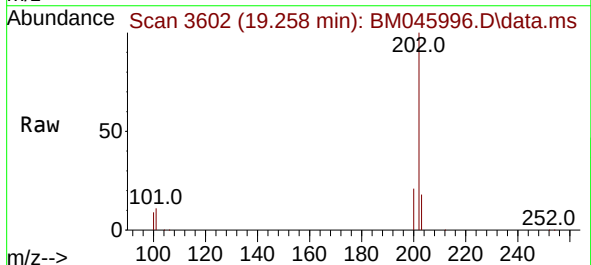
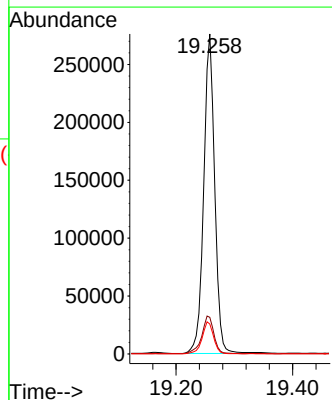
Manual Integrations
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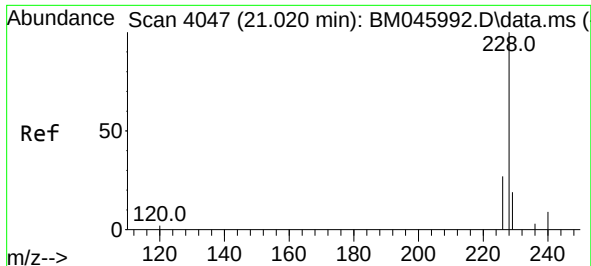
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#20
Pyrene
Concen: 7.091 ng/u1
RT: 19.258 min Scan# 3602
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

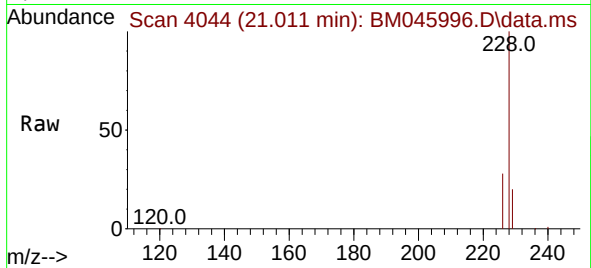
Tgt Ion:202 Resp: 363119
Ion Ratio Lower Upper
202 100
101 11.4 10.6 16.0
100 9.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.489 ng/ul
RT: 21.011 min Scan# 4047
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

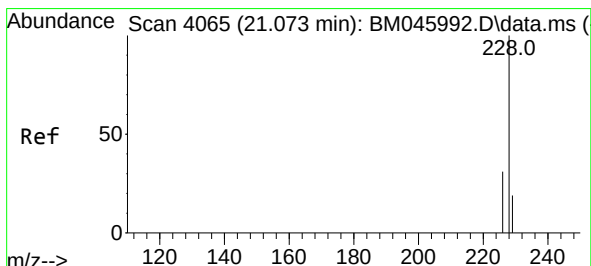
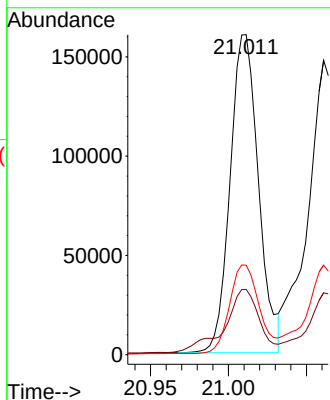
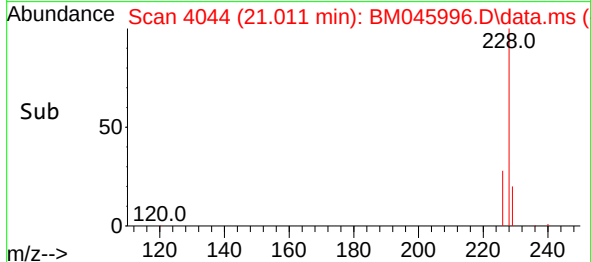
Instrument :
BNA_M
ClientSampleId :
A4C18MS



Tgt Ion:228 Resp: 202825
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.9 22.0 33.0

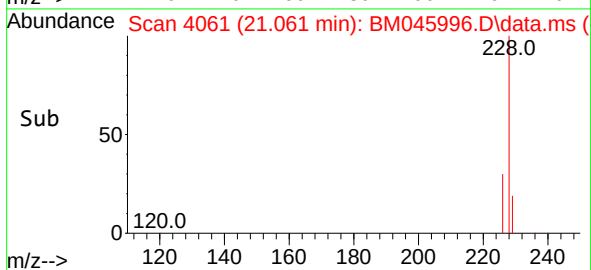
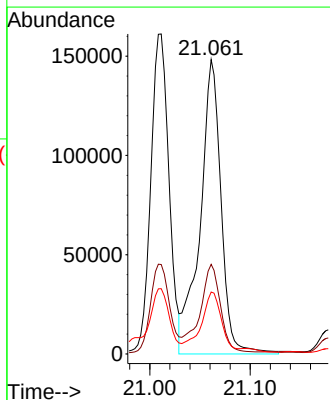
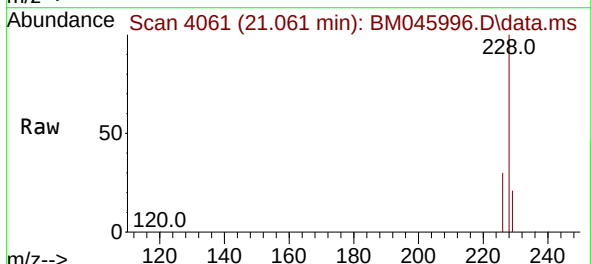
Manual Integrations
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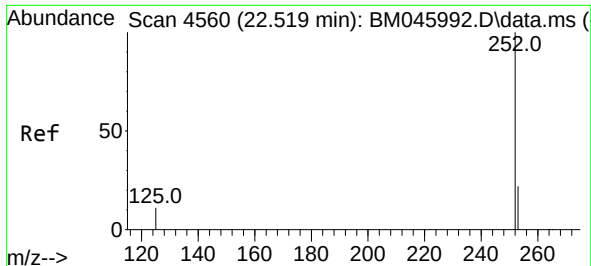
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#22
Chrysene
Concen: 4.392 ng/ul m
RT: 21.061 min Scan# 4061
Delta R.T. -0.012 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

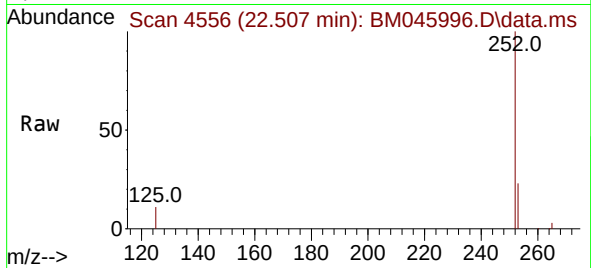
Tgt Ion:228 Resp: 216050
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 21.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 5.272 ng/ul m
RT: 22.507 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

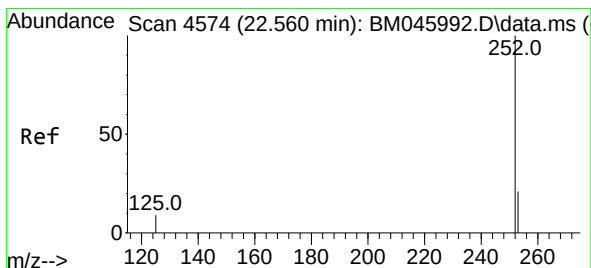
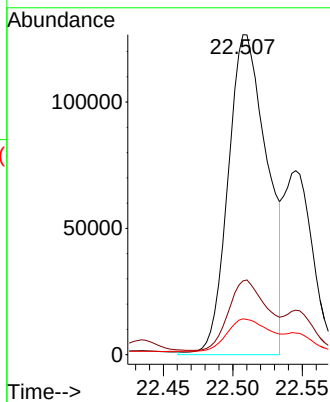
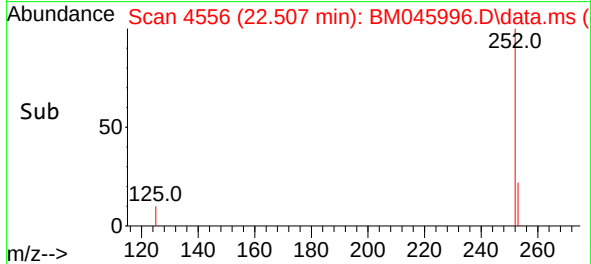
Instrument :
BNA_M
ClientSampleId :
A4C18MS



Tgt Ion:252 Resp: 24844
Ion Ratio Lower Upper
252 100
253 23.1 0.0 63.6
125 11.2 0.0 35.8

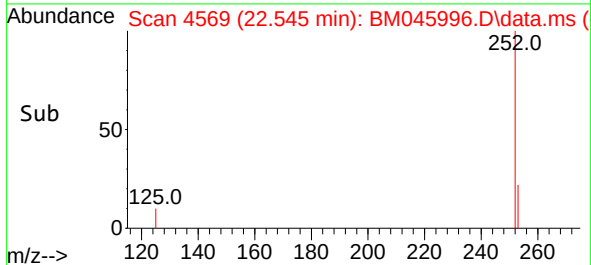
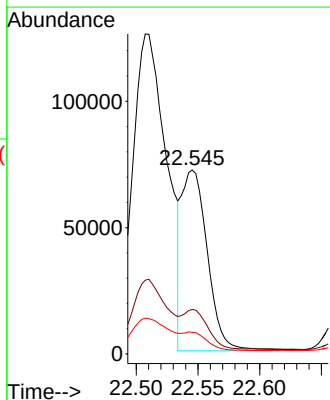
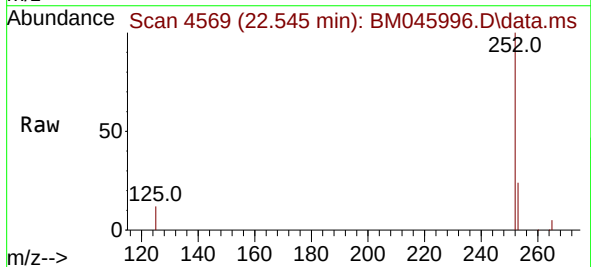
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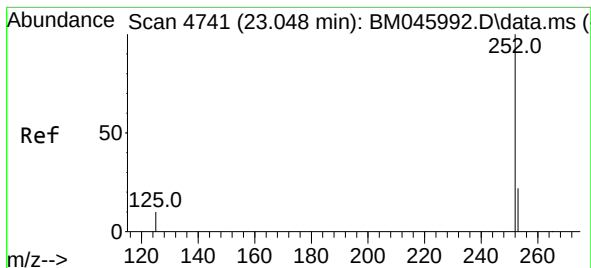
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#25
Benzo(k)fluoranthene
Concen: 2.002 ng/ul m
RT: 22.545 min Scan# 4569
Delta R.T. -0.015 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:252 Resp: 103673
Ion Ratio Lower Upper
252 100
253 24.2 25.0 37.6#
125 11.8 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 2.514 ng/ul

RT: 23.036 min Scan# 4737

Delta R.T. -0.012 min

Lab File: BM045996.D

Acq: 12 Jun 2024 13:41

Instrument :

BNM

ClientSampleId :

A4C18MS

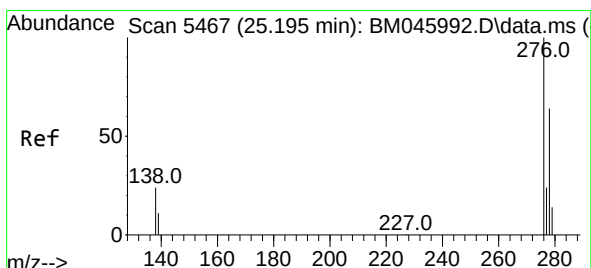
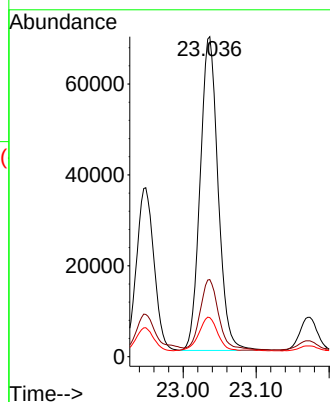
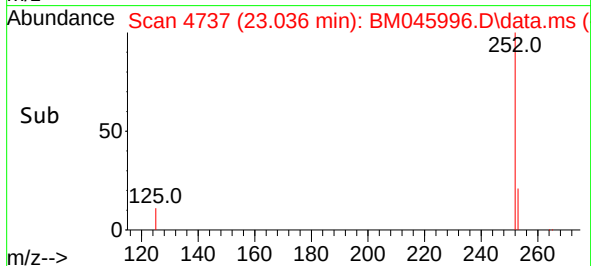
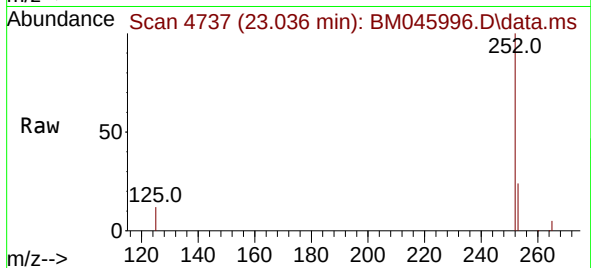
Tgt Ion:252 Resp: 117814

Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.8	43.2
125	12.2	17.3	25.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.550 ng/ul

RT: 25.178 min Scan# 5462

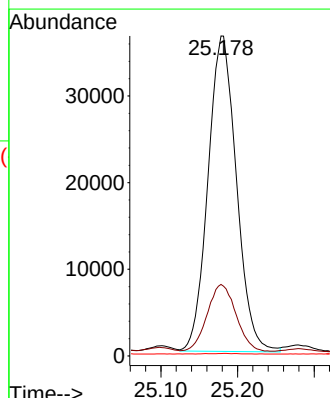
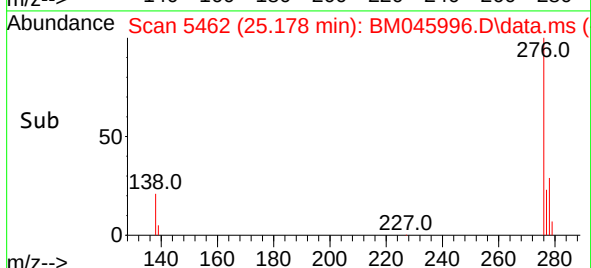
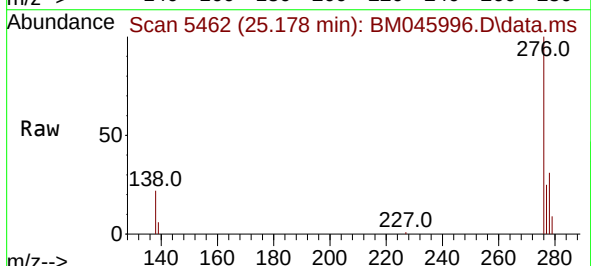
Delta R.T. -0.017 min

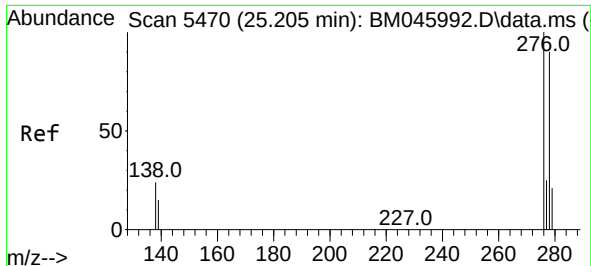
Lab File: BM045996.D

Acq: 12 Jun 2024 13:41

Tgt Ion:276 Resp: 93928

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.7	31.1
227	0.1	0.2	0.2





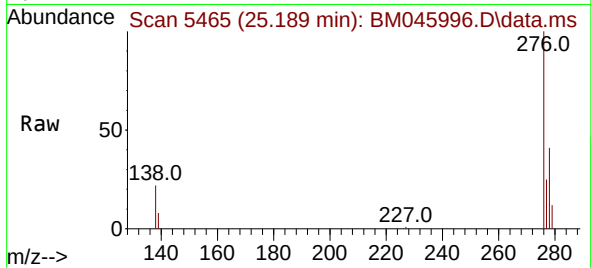
#28
Dibenzo(a,h)anthracene
Concen: 0.726 ng/ul
RT: 25.189 min Scan# 5470
Delta R.T. -0.017 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :

BNA_M

ClientSampleId :

A4C18MS

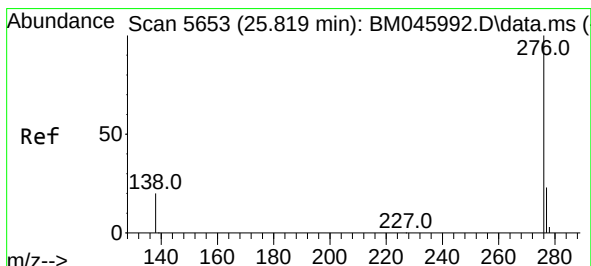
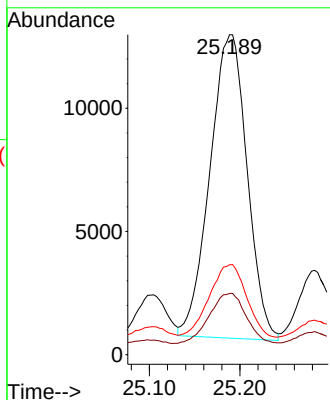
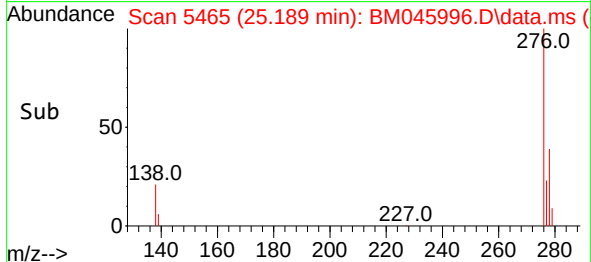


Tgt Ion:278 Resp: 3516
Ion Ratio Lower Upper
278 100
139 19.1 16.6 25.0
279 28.1 24.6 37.0

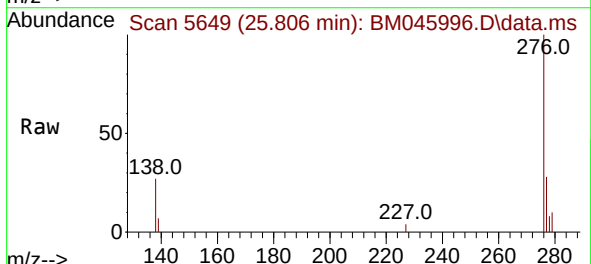
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 25.806 min Scan# 5649
Delta R.T. -0.013 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41



Tgt Ion:276 Resp: 15402
Ion Ratio Lower Upper
276 100
138 26.8 21.0 31.4
277 27.7 20.5 30.7

