

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046116.D
 Acq On : 20 Jun 2024 10:51
 Operator : MA/JU
 Sample : P2710-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B20

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 11:44:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2277	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	6485	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.072	164	3468	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.816	188	7633m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	5836m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	6794m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11472	3.672	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.833	152	2245	0.258	ng/ul	-0.03
18) Fluoranthene-d10	18.849	212	5351	0.306	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	3937	0.218	ng/ul	99
7) 2-Methylnaphthalene	11.904	142	1283	0.126	ng/ul	98
8) 1-Methylnaphthalene	12.119	142	1275	0.114	ng/ul	96
10) Acenaphthylene	13.790	152	9737	0.592	ng/ul	99
11) Acenaphthene	14.137	153	4907	0.413	ng/ul	99
12) Fluorene	15.131	166	6135	0.481	ng/ul	99
15) Phenanthrene	16.854	178	160073m	7.464	ng/ul	
16) Anthracene	16.947	178	30197m	1.891	ng/ul	
19) Fluoranthene	18.877	202	328701	13.008	ng/ul	97
20) Pyrene	19.239	202	214966	7.866	ng/ul	98
21) Benzo(a)anthracene	20.997	228	136268m	6.045	ng/ul	
22) Chrysene	21.049	228	140407	4.881	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	189069m	7.724	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	75939m	2.610	ng/ul	
26) Benzo(a)pyrene	23.016	252	67802	2.989	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.155	276	66925	1.803	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.158	278	22304	0.807	ng/ul	96
29) Benzo(g,h,i)perylene	25.775	276	9359	0.294	ng/ul	94

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

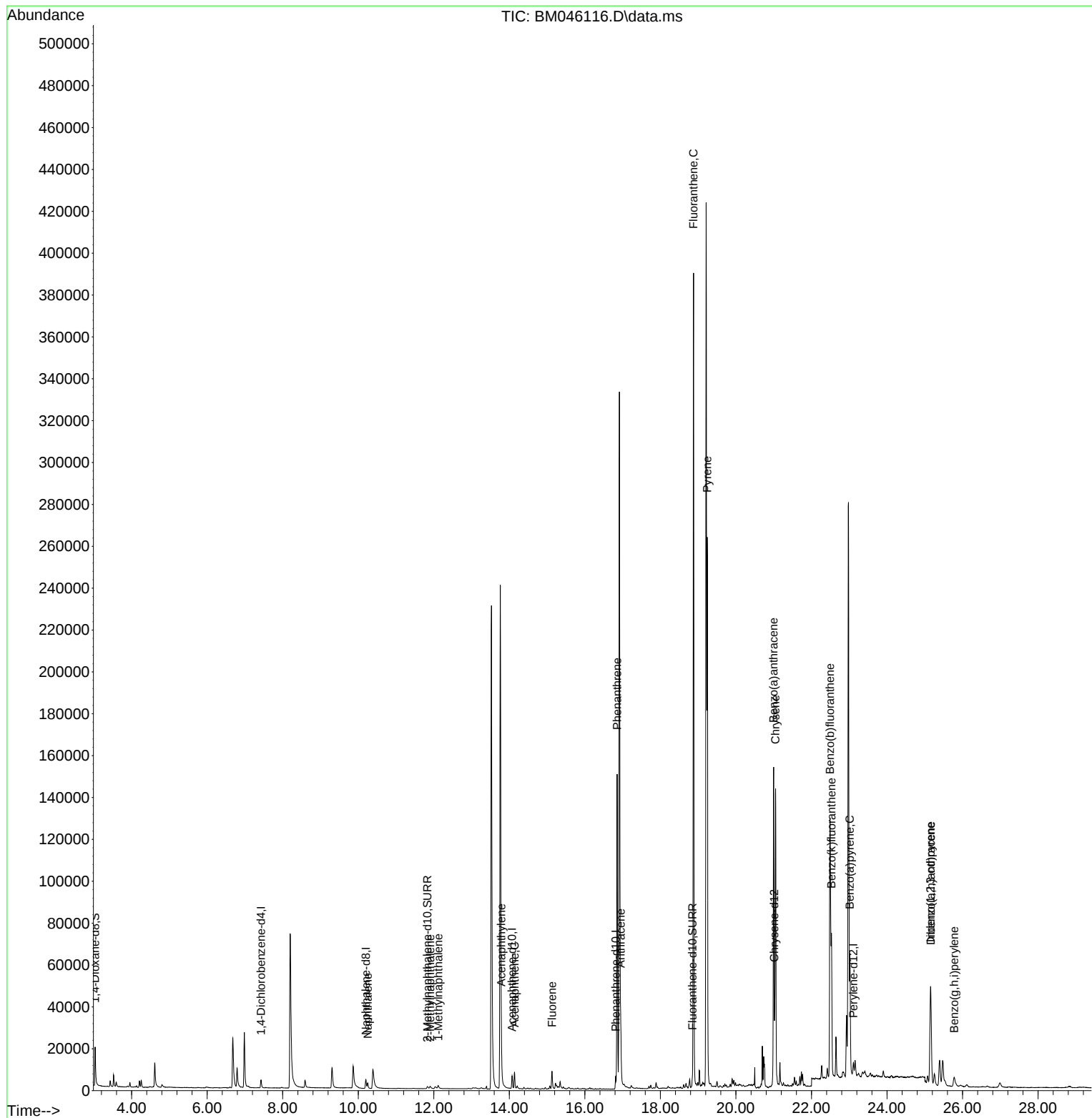
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
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ALS Vial : 5 Sample Multiplier: 1

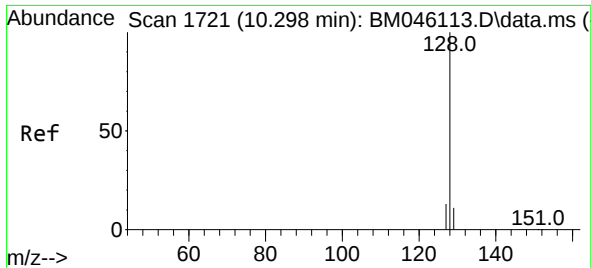
Instrument :
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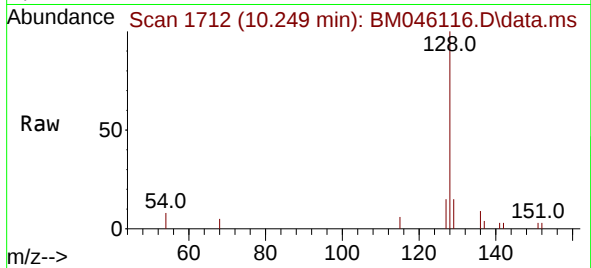
Quant Time: Jun 20 11:44:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.218 ng/ul
RT: 10.249 min Scan# 1712
Delta R.T. -0.054 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

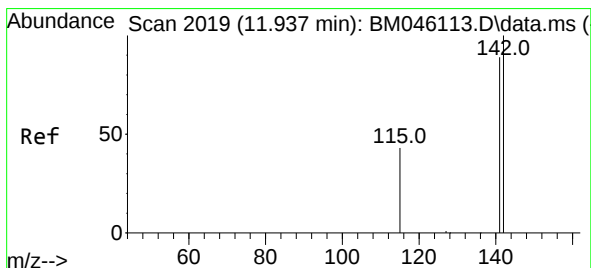
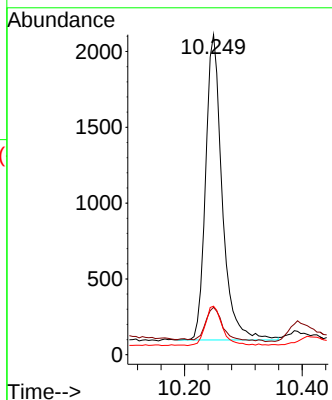
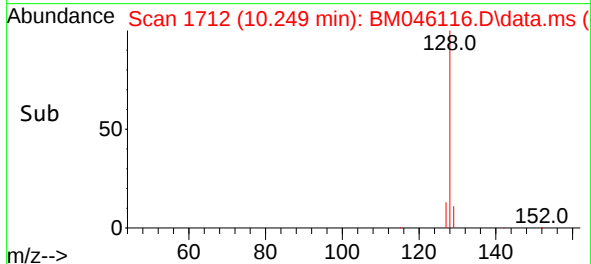
Instrument :
BNA_M
ClientSampleId :
A4B20



Tgt Ion:128 Resp: 393
Ion Ratio Lower Upper
128 100
129 14.8 11.8 17.6
127 15.2 12.8 19.2

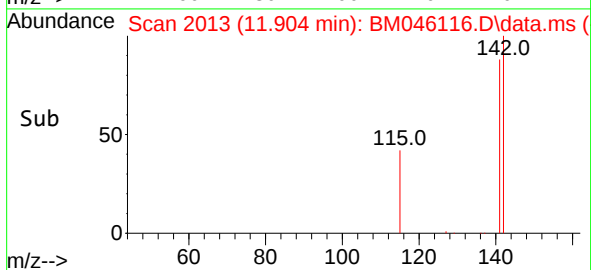
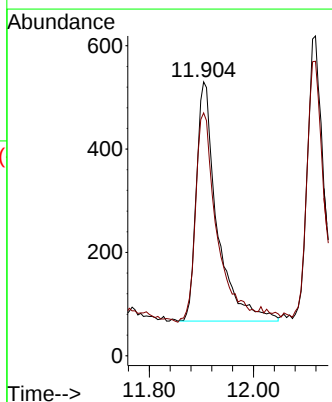
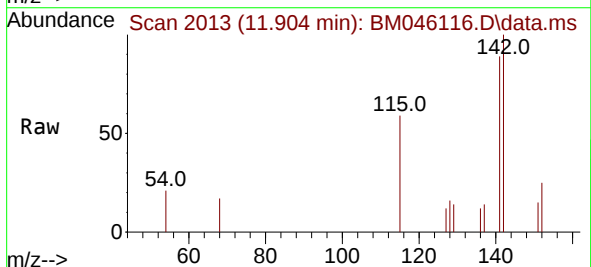
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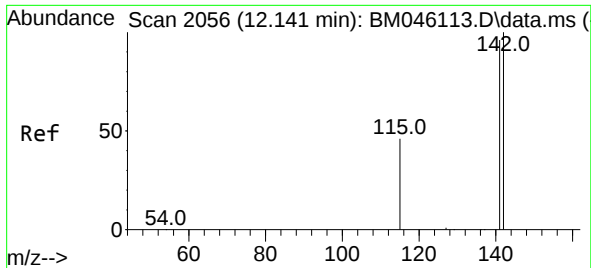
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.043 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

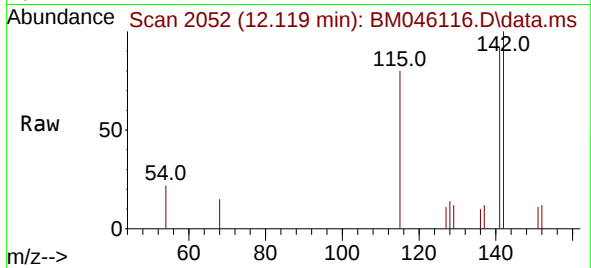
Tgt Ion:142 Resp: 1283
Ion Ratio Lower Upper
142 100
141 91.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.032 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

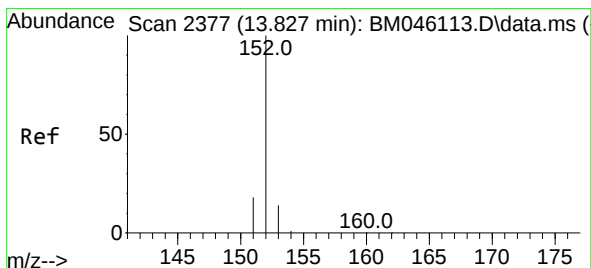
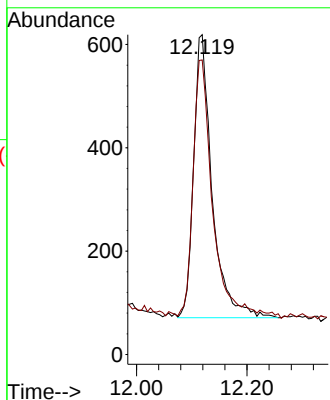
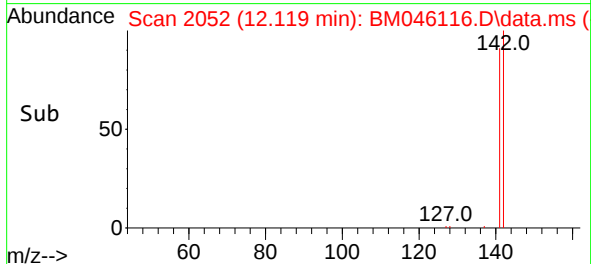
Instrument :
BNA_M
ClientSampleId :
A4B20



Tgt Ion:142 Resp: 1275
Ion Ratio Lower Upper
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141 97.7 75.2 112.8

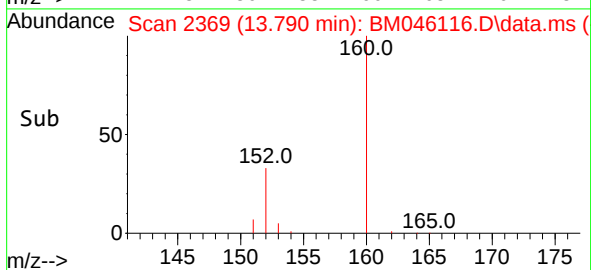
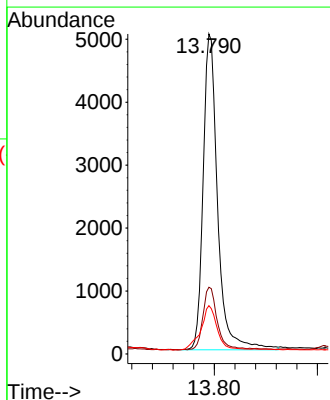
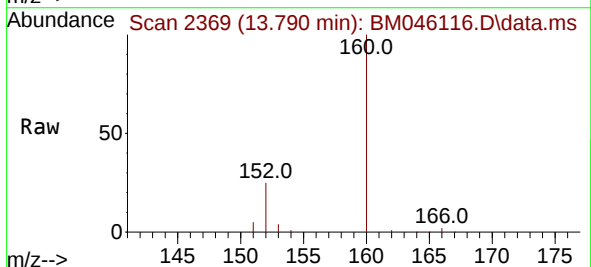
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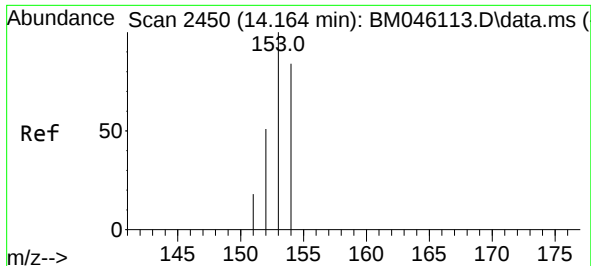
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.592 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

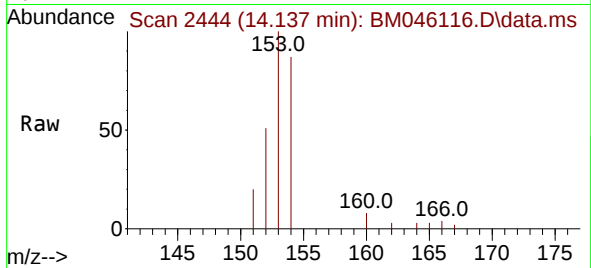
Tgt Ion:152 Resp: 9737
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.2
153 15.1 11.8 17.8





#11
Acenaphthene
Concen: 0.413 ng/uI
RT: 14.137 min Scan# 2450
Delta R.T. -0.036 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

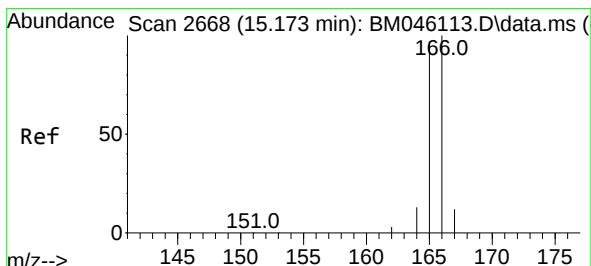
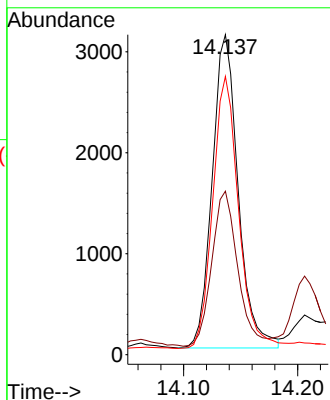
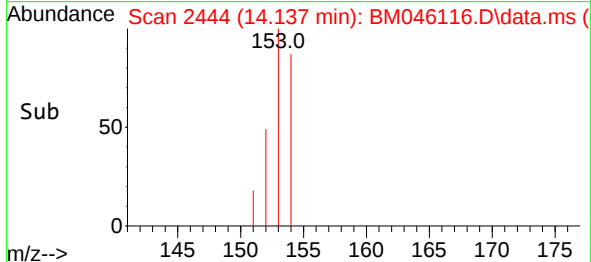
Instrument :
BNA_M
ClientSampleId :
A4B20



Tgt Ion:153 Resp: 490
Ion Ratio Lower Upper
153 100
152 51.1 41.3 61.9
154 87.0 68.2 102.4

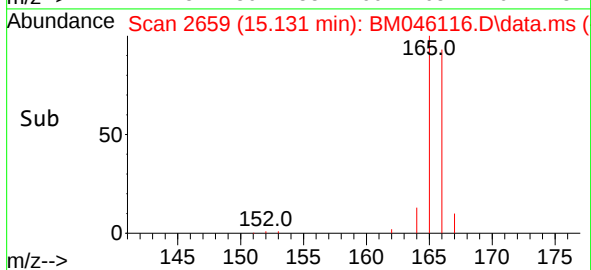
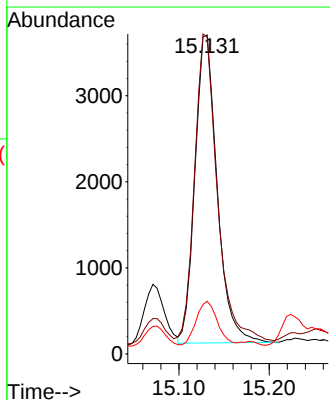
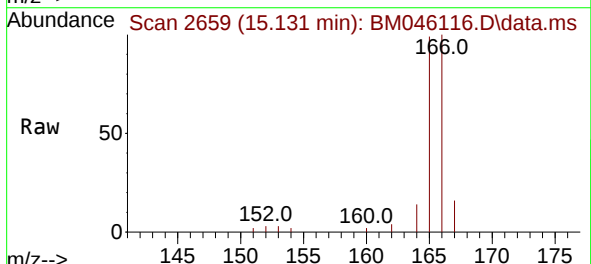
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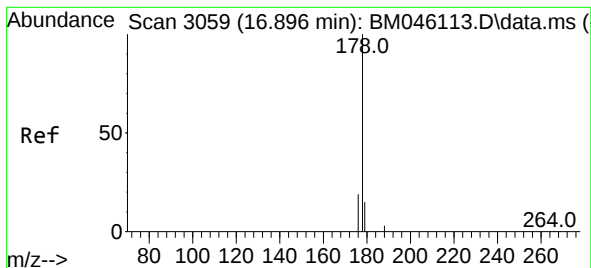
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.481 ng/uI
RT: 15.131 min Scan# 2659
Delta R.T. -0.050 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

Tgt Ion:166 Resp: 6135
Ion Ratio Lower Upper
166 100
165 99.3 80.4 120.6
167 16.5 12.4 18.6





#15

Phenanthrene

Concen: 7.464 ng/ul m

RT: 16.854 min Scan# 3049

Delta R.T. -0.049 min

Lab File: BM046116.D

Acq: 20 Jun 2024 10:51

Instrument :

BNA_M

ClientSampleId :

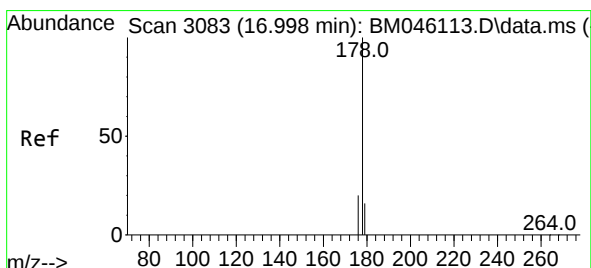
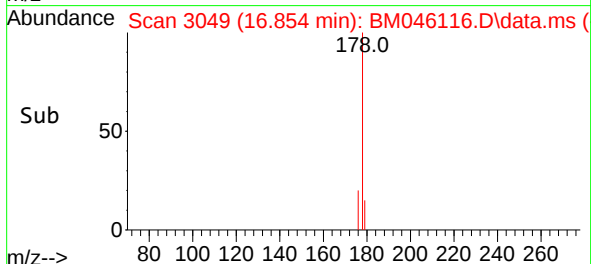
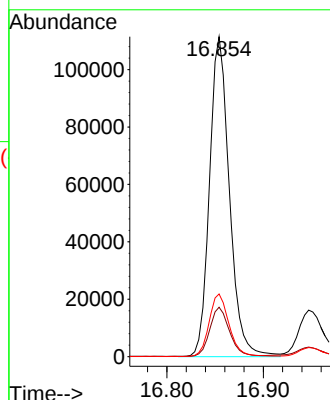
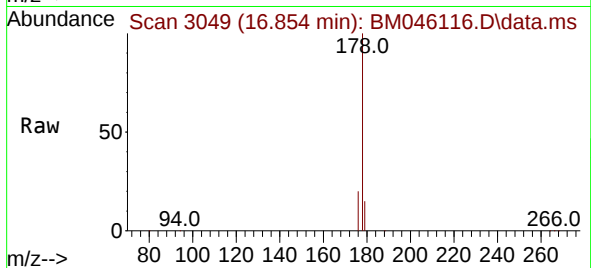
A4B20

Tgt Ion:178	Resp: 16007
Ion Ratio	Lower Upper
178	100
179	15.5 14.2 21.2
176	19.6 17.1 25.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16

Anthracene

Concen: 1.891 ng/ul m

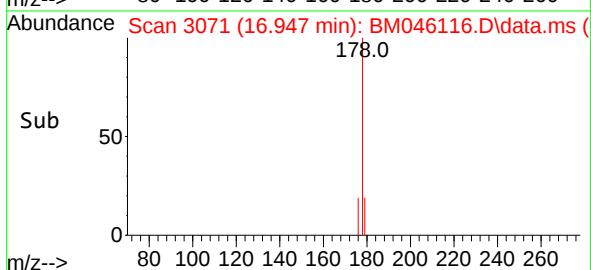
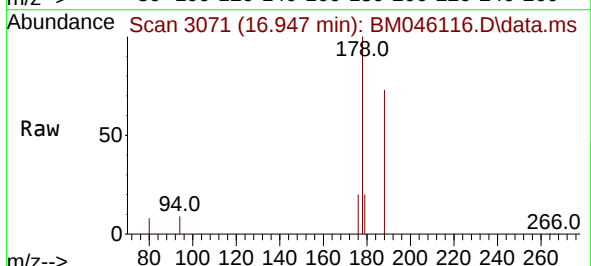
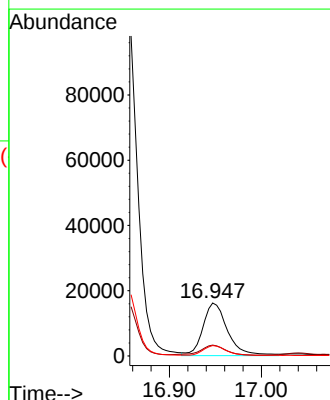
RT: 16.947 min Scan# 3071

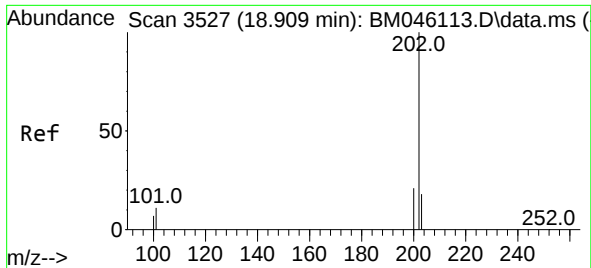
Delta R.T. -0.058 min

Lab File: BM046116.D

Acq: 20 Jun 2024 10:51

Tgt Ion:178	Resp: 30197
Ion Ratio	Lower Upper
178	100
179	20.4 14.9 22.3
176	19.7 17.0 25.4





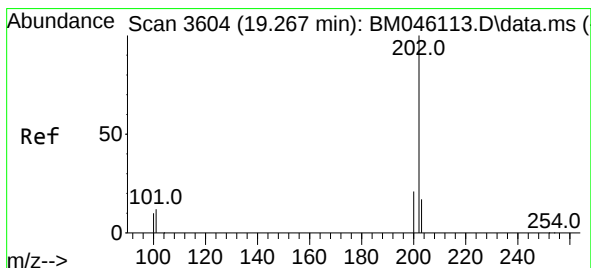
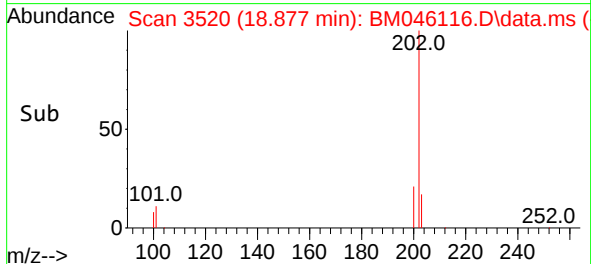
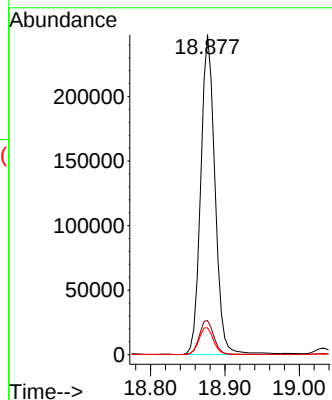
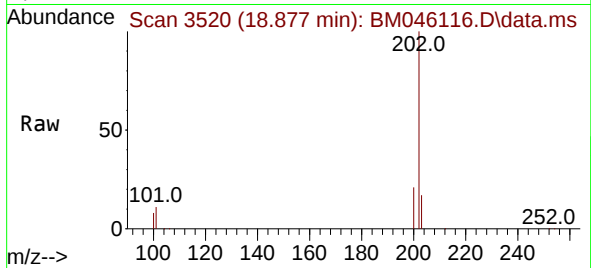
#19
Fluoranthene
Concen: 13.008 ng/u1
RT: 18.877 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

Instrument :
BNA_M
ClientSampleId :
A4B20

Tgt Ion:202 Resp: 32870
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.4 7.6 11.4

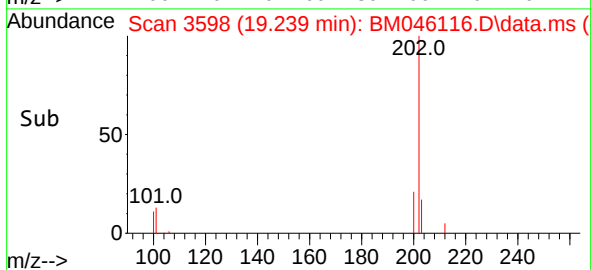
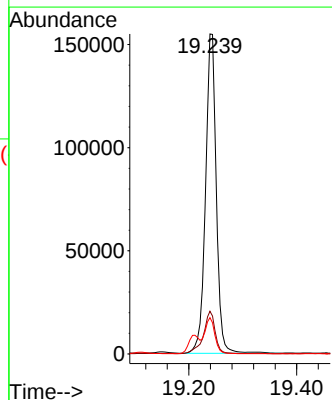
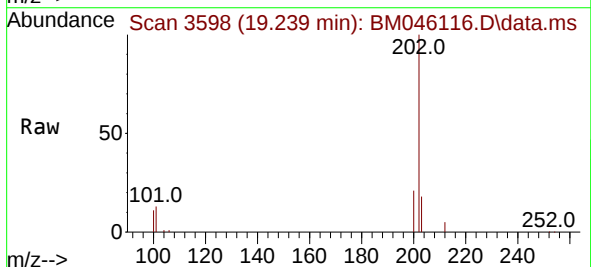
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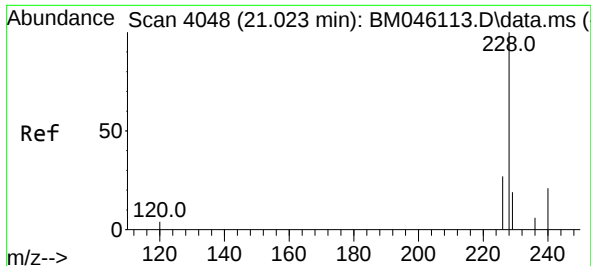
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 7.866 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

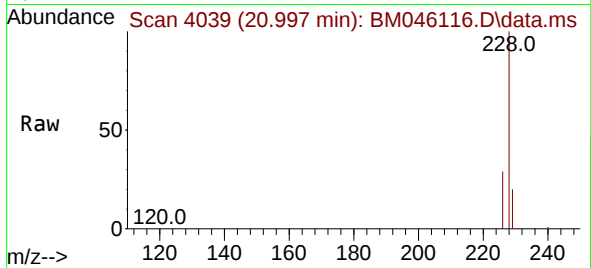
Tgt Ion:202 Resp: 214966
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.045 ng/ul m
RT: 20.997 min Scan# 4039
Delta R.T. -0.033 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

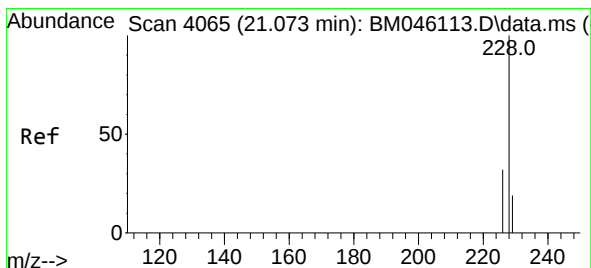
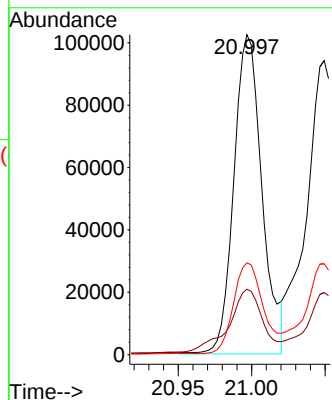
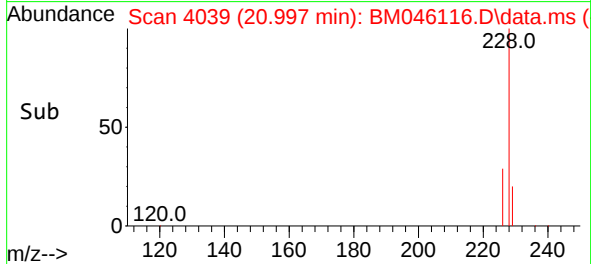
Instrument :
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ClientSampleId :
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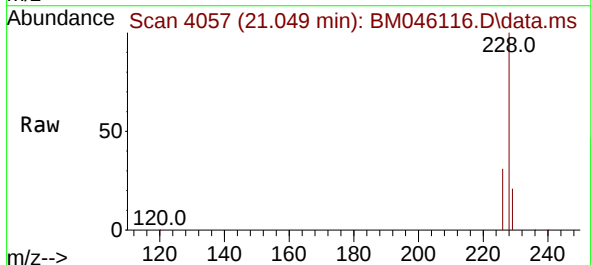
Tgt Ion:228 Resp: 136268
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 28.7 23.4 35.2

Manual Integrations
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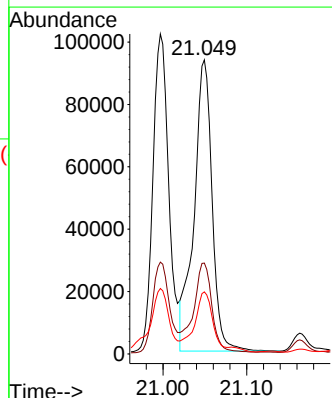
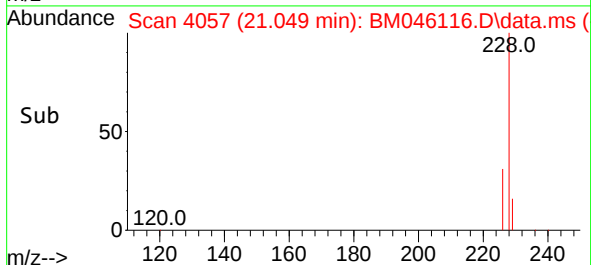
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

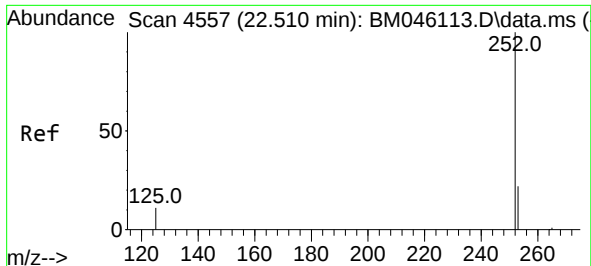


#22
Chrysene
Concen: 4.881 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51



Tgt Ion:228 Resp: 140407
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.1 16.3 24.5





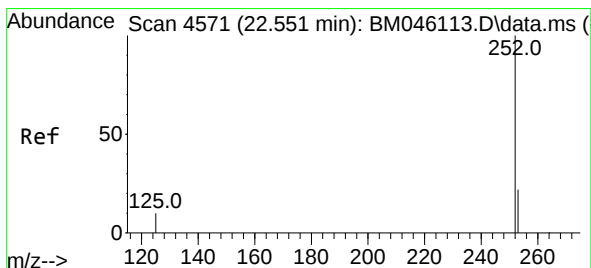
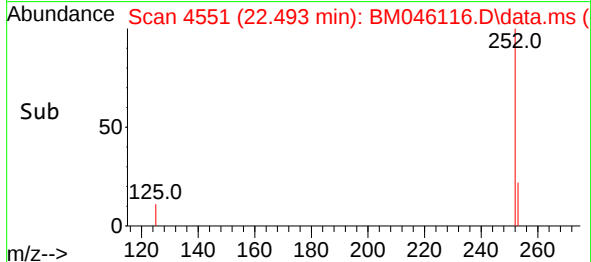
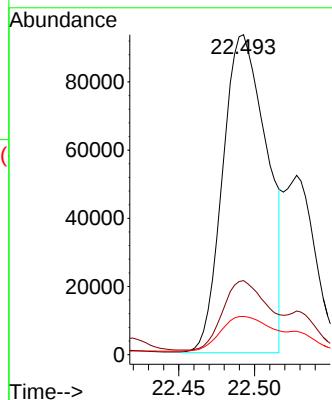
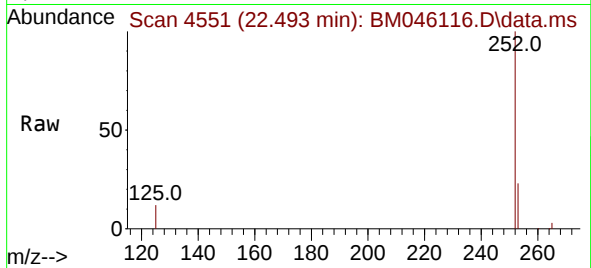
#24
Benzo(b)fluoranthene
Concen: 7.724 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

Instrument :
BNA_M
ClientSampleId :
A4B20

Tgt Ion:252 Resp: 189069
Ion Ratio Lower Upper
252 100
253 23.2 0.0 65.8
125 12.0 0.0 40.2

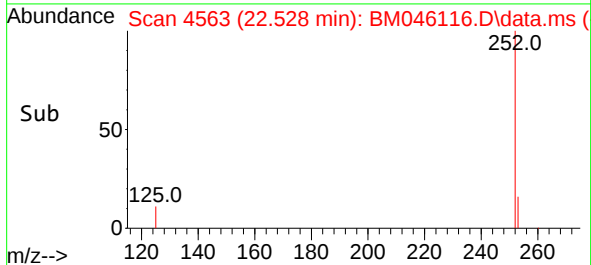
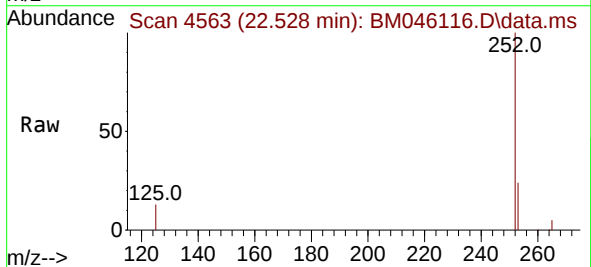
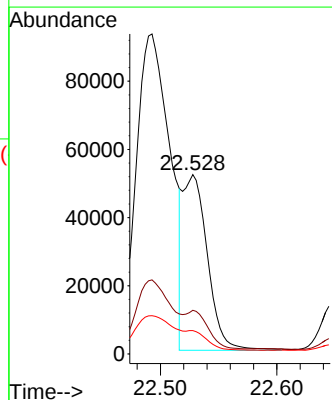
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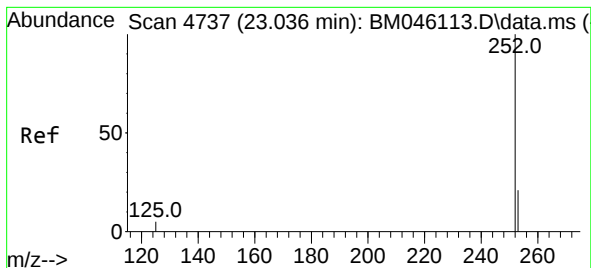
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 2.610 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

Tgt Ion:252 Resp: 75939
Ion Ratio Lower Upper
252 100
253 24.4 27.2 40.8#
125 13.0 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 2.989 ng/ul

RT: 23.016 min Scan# 4730

Delta R.T. -0.038 min

Lab File: BM046116.D

Acq: 20 Jun 2024 10:51

Instrument :

BNM

ClientSampleId :

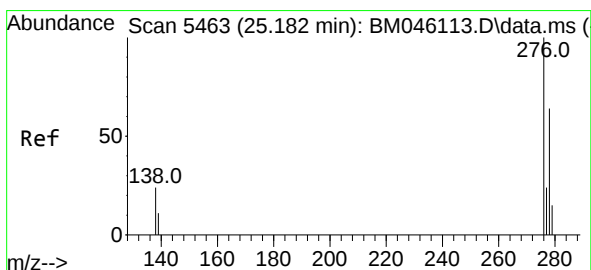
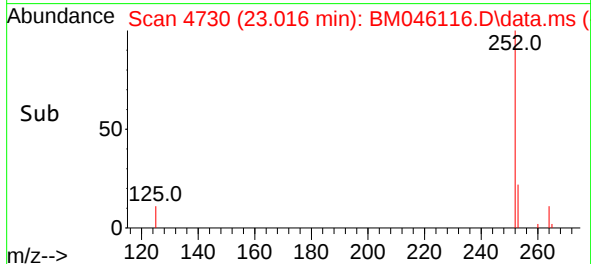
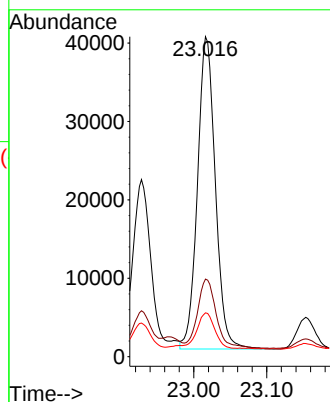
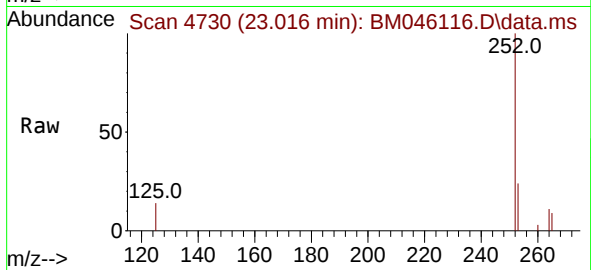
A4B20

Tgt Ion:	252	Resp:	6780
Ion Ratio	Lower	Upper	
252	100		
253	24.2	32.1	48.1
125	13.7	21.2	31.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.803 ng/ul

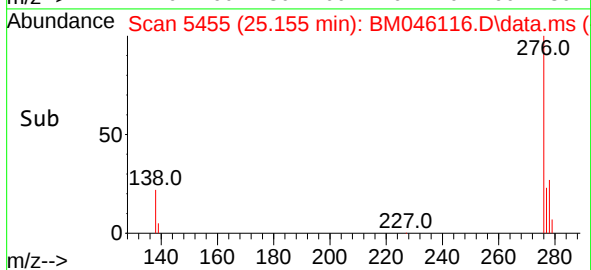
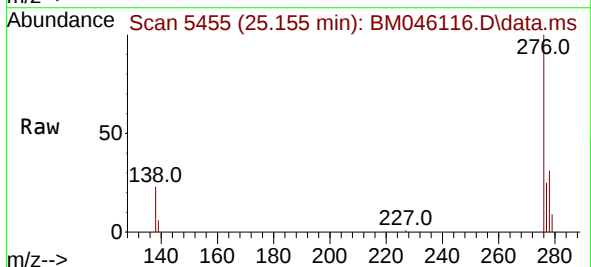
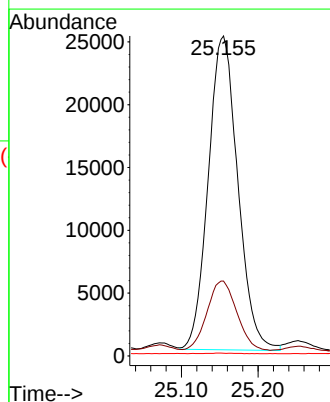
RT: 25.155 min Scan# 5455

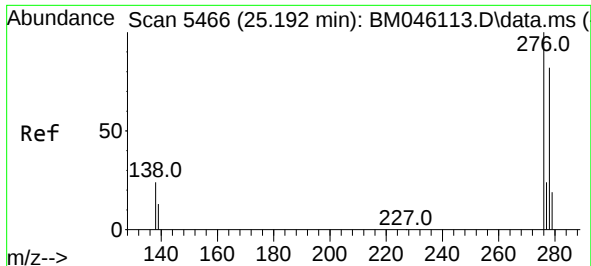
Delta R.T. -0.047 min

Lab File: BM046116.D

Acq: 20 Jun 2024 10:51

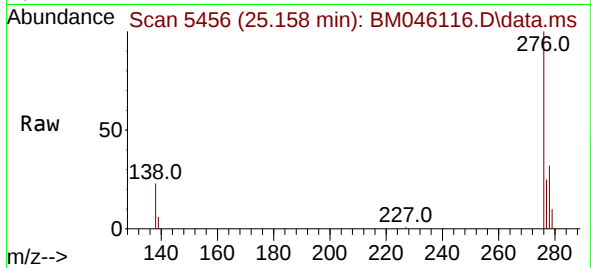
Tgt Ion:	276	Resp:	66925
Ion Ratio	Lower	Upper	
276	100		
138	22.2	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.807 ng/ul
RT: 25.158 min Scan# 5466
Delta R.T. -0.057 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51

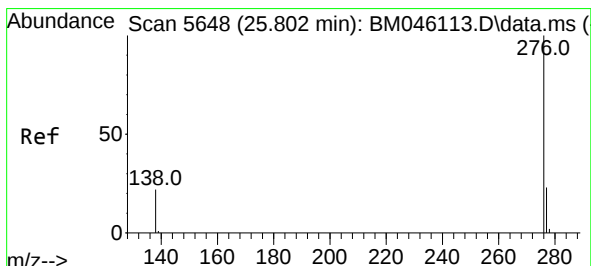
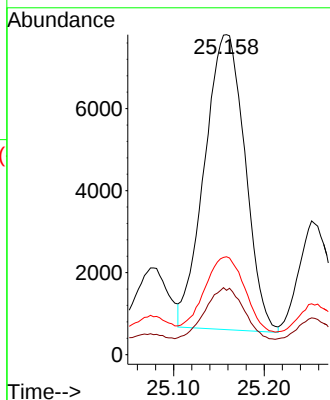
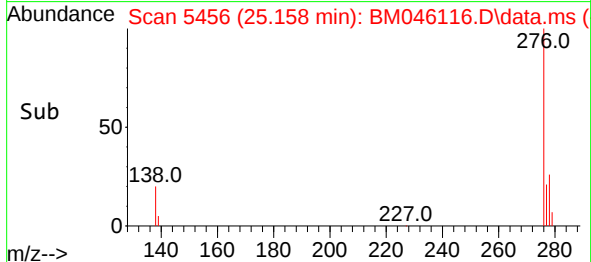
Instrument :
BNA_M
ClientSampleId :
A4B20



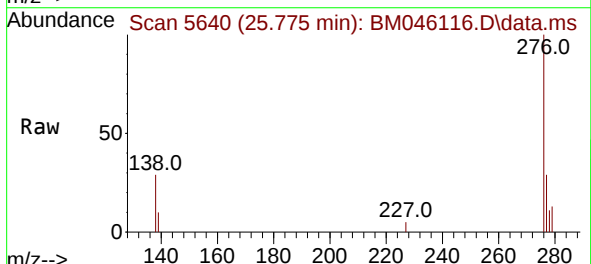
Tgt Ion:278 Resp: 22304
Ion Ratio Lower Upper
278 100
139 20.1 17.6 26.4
279 30.6 26.3 39.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 25.775 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046116.D
Acq: 20 Jun 2024 10:51



Tgt Ion:276 Resp: 9359
Ion Ratio Lower Upper
276 100
138 29.3 21.7 32.5
277 29.5 20.4 30.6

