

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046124.D
 Acq On : 20 Jun 2024 15:44
 Operator : MA/JU
 Sample : P2710-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN0

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 16:14:00 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	7.421	152	2788	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	8201	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.072	164	4441	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	9477m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	7452m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	8493m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	15054	3.936	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.827	152	2871	0.261	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	6583	0.295	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.244	128	1977	0.086	ng/ul#	94
7) 2-Methylnaphthalene	11.899	142	512	0.040	ng/ul	88
8) 1-Methylnaphthalene	12.113	142	424	0.030	ng/ul	96
10) Acenaphthylene	13.790	152	5086	0.241	ng/ul	99
11) Acenaphthene	14.137	153	2514	0.165	ng/ul	98
12) Fluorene	15.127	166	3226	0.198	ng/ul	99
15) Phenanthrene	16.854	178	73896m	2.775	ng/ul	
16) Anthracene	16.947	178	16060m	0.810	ng/ul	
19) Fluoranthene	18.877	202	207792	6.440	ng/ul	97
20) Pyrene	19.239	202	135900	3.895	ng/ul	97
21) Benzo(a)anthracene	20.997	228	83990m	2.918	ng/ul	
22) Chrysene	21.049	228	107004	2.913	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	149209m	4.876	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	58175m	1.599	ng/ul	
26) Benzo(a)pyrene	23.016	252	47494	1.675	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.155	276	54114	1.166	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.162	278	16337	0.473	ng/ul	98
29) Benzo(g,h,i)perylene	25.782	276	7719	0.194	ng/ul#	88

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

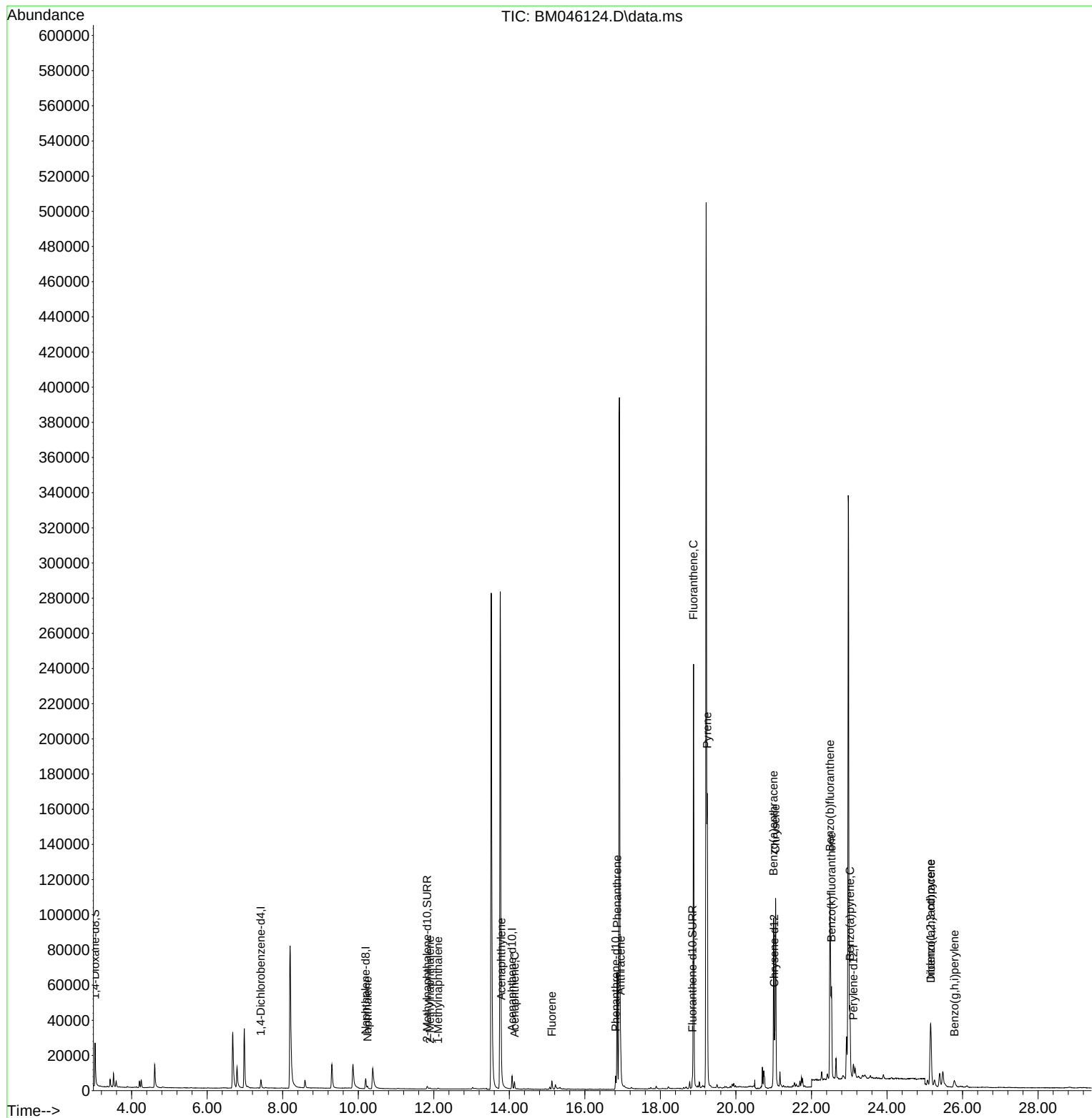
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046124.D
Acq On : 20 Jun 2024 15:44
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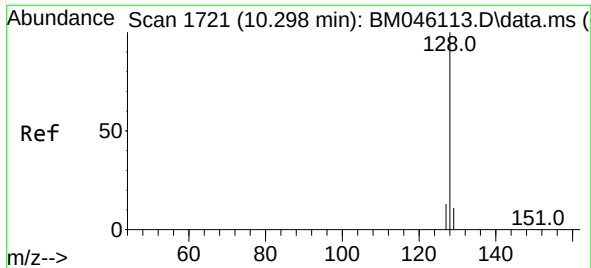
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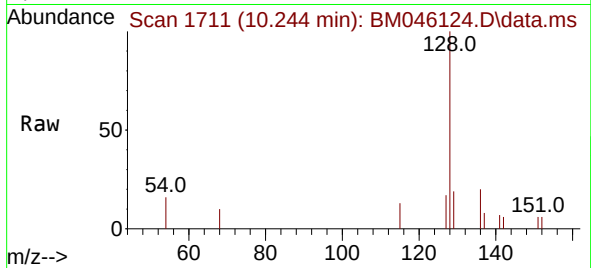
Quant Time: Jun 20 16:14:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.244 min Scan# 1711
Delta R.T. -0.059 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

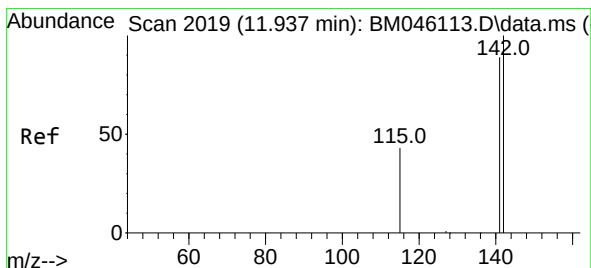
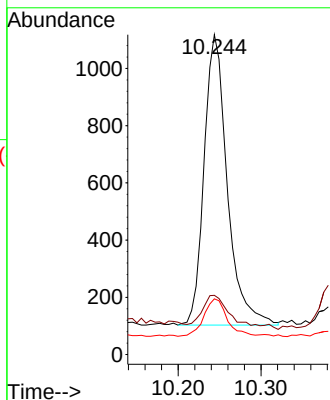
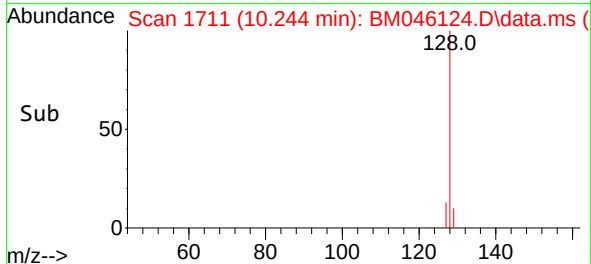
Instrument :
BNA_M
ClientSampleId :
A4BN0



Tgt Ion:128 Resp: 197
Ion Ratio Lower Upper
128 100
129 18.5 11.8 17.6
127 17.4 12.8 19.2

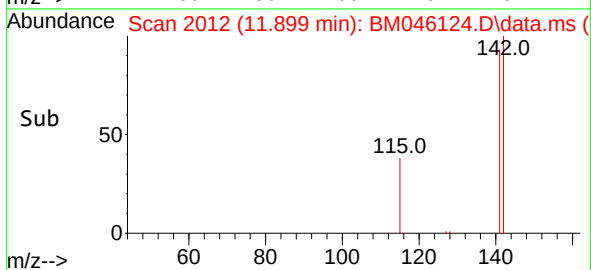
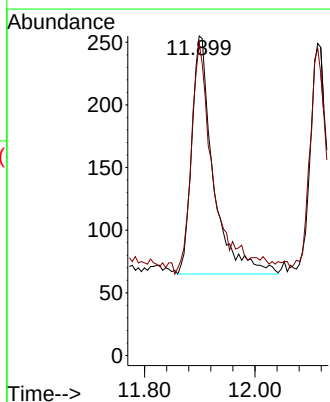
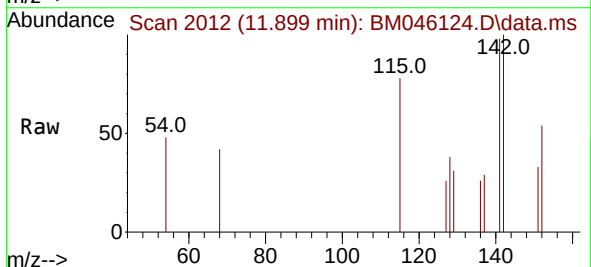
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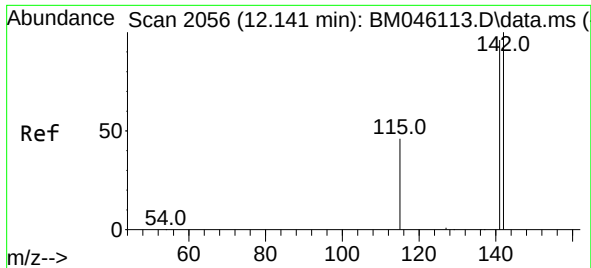
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.048 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

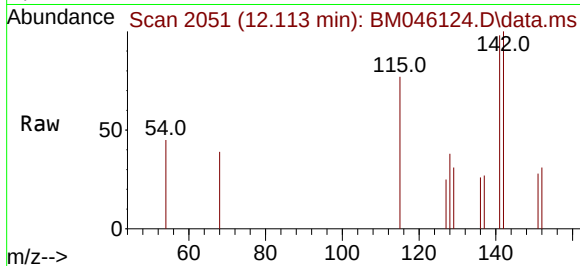
Tgt Ion:142 Resp: 512
Ion Ratio Lower Upper
142 100
141 104.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.037 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

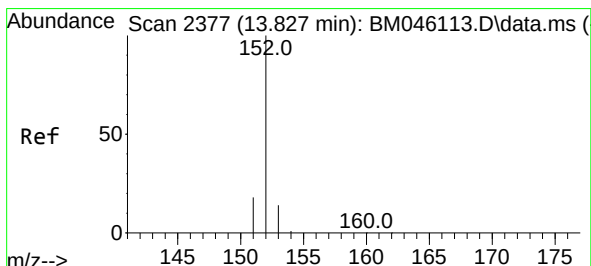
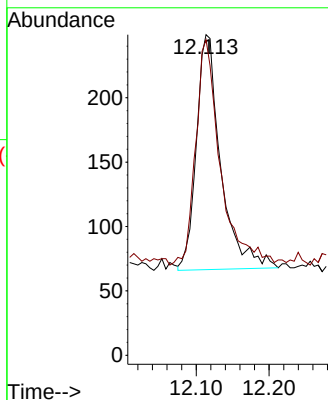
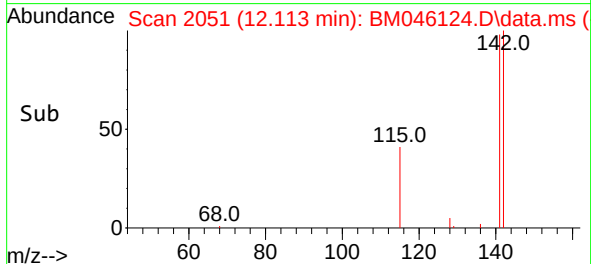
Instrument :
BNA_M
ClientSampleId :
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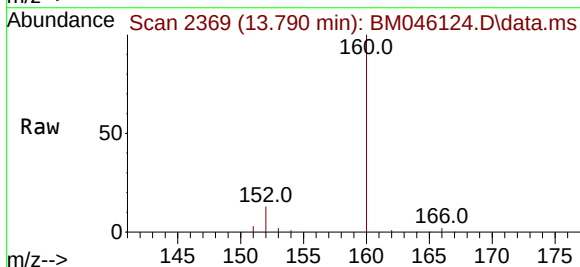
Tgt Ion:142 Resp: 424
Ion Ratio Lower Upper
142 100
141 97.6 75.2 112.8

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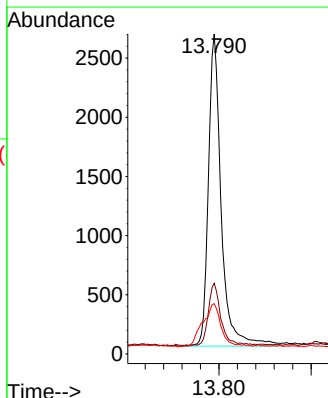
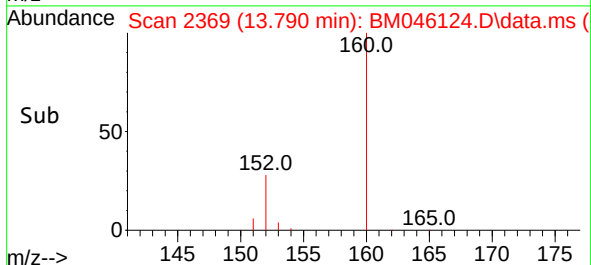
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

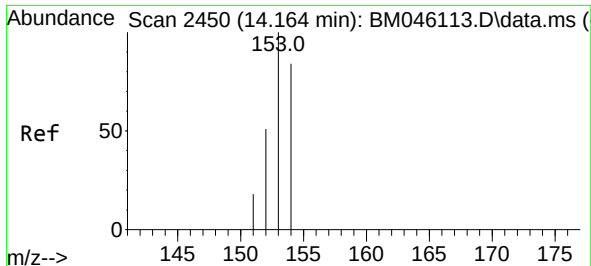


#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44



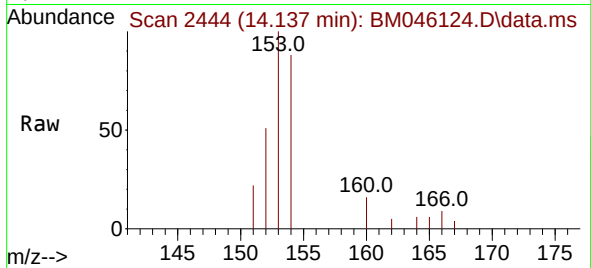
Tgt Ion:152 Resp: 5086
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2
153 15.7 11.8 17.8





#11
Acenaphthene
Concen: 0.165 ng/u1
RT: 14.137 min Scan# 2450
Delta R.T. -0.036 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

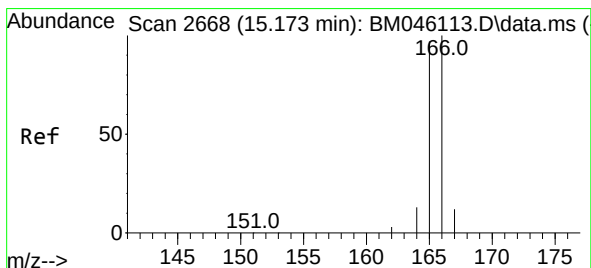
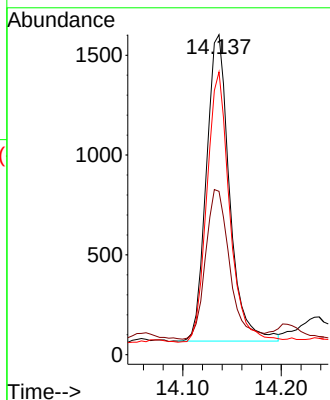
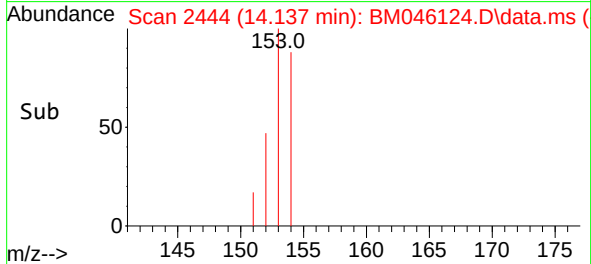
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 2514
Ion Ratio Lower Upper
153 100
152 51.0 41.3 61.9
154 88.3 68.2 102.4

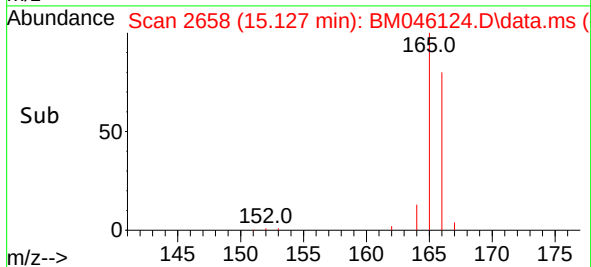
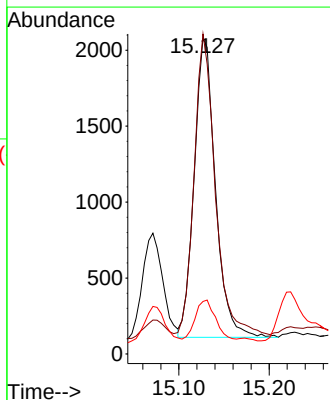
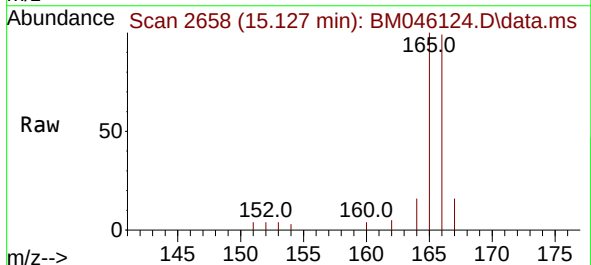
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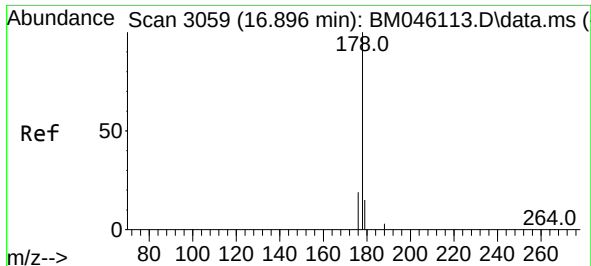
Reviewed By :Jagrut Upadhyay 06/21/2024
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#12
Fluorene
Concen: 0.198 ng/u1
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

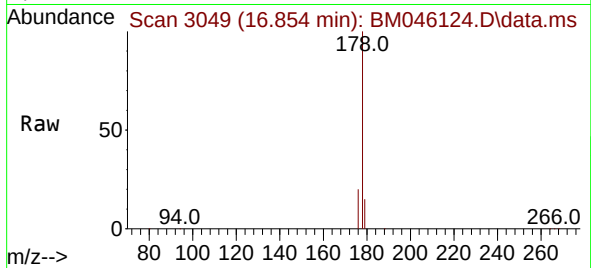
Tgt Ion:166 Resp: 3226
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 16.6 12.4 18.6





#15
Phenanthrene
Concen: 2.775 ng/ul m
RT: 16.854 min Scan# 3071
Delta R.T. -0.049 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

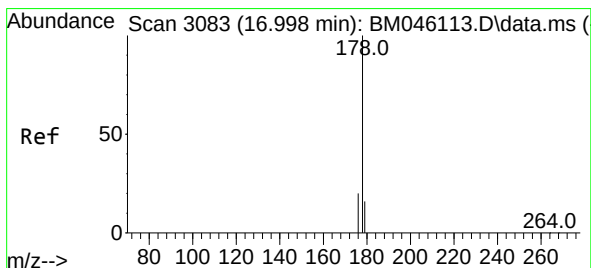
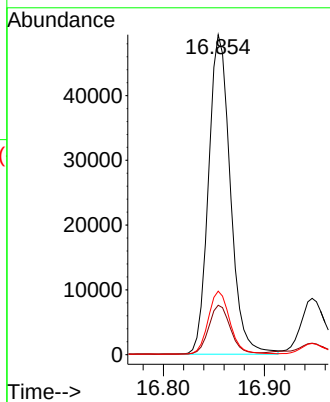
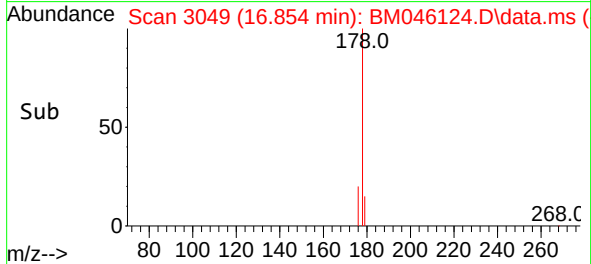
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ClientSampleId :
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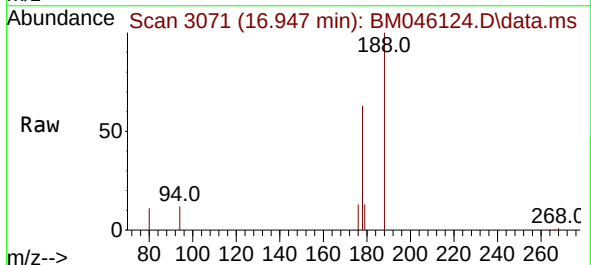
Tgt Ion:178 Resp: 73890
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.8 17.1 25.7

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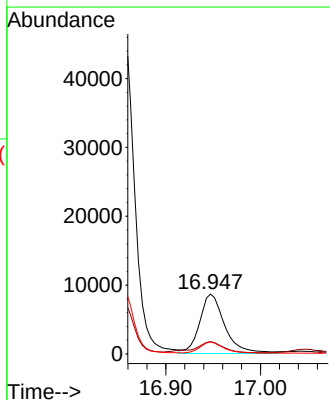
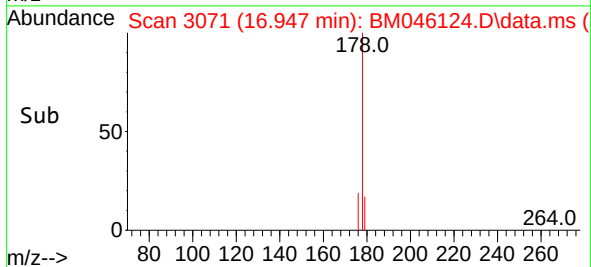
Reviewed By :Jagrut Upadhyay 06/21/2024
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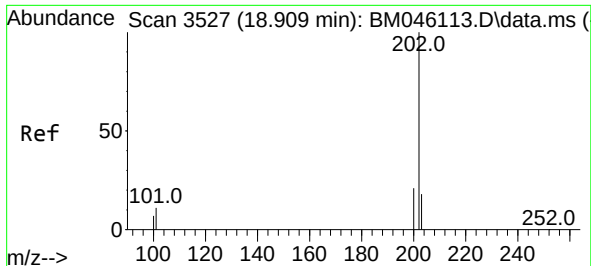


#16
Anthracene
Concen: 0.810 ng/ul m
RT: 16.947 min Scan# 3071
Delta R.T. -0.058 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44



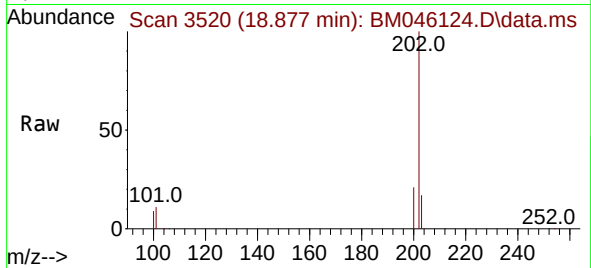
Tgt Ion:178 Resp: 16060
Ion Ratio Lower Upper
178 100
179 20.5 14.9 22.3
176 20.0 17.0 25.4





#19
Fluoranthene
Concen: 6.440 ng/u1
RT: 18.877 min Scan# 3520
Delta R.T. -0.040 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

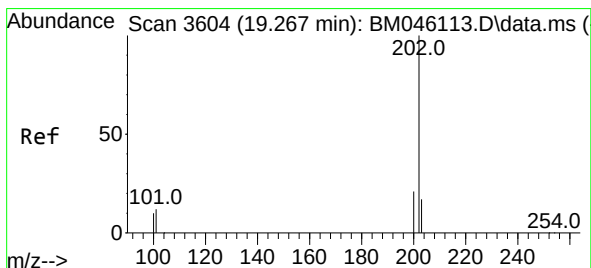
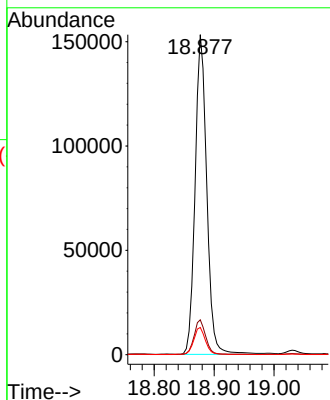
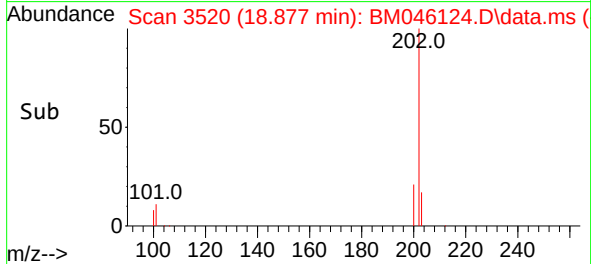
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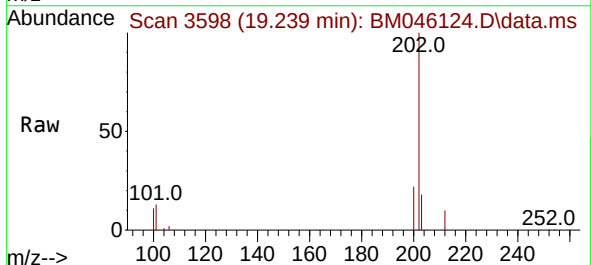
Tgt Ion:202 Resp: 207792
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.5 7.6 11.4

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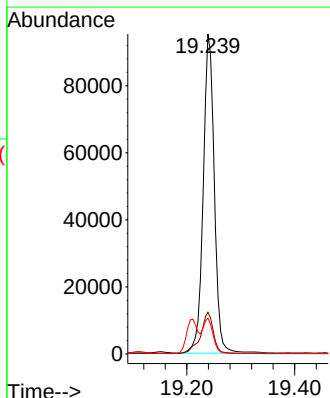
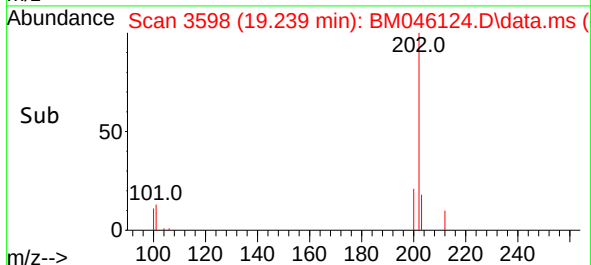
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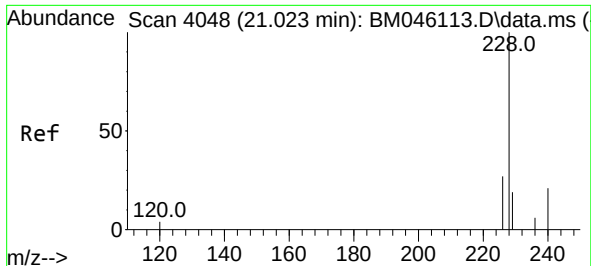


#20
Pyrene
Concen: 3.895 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44



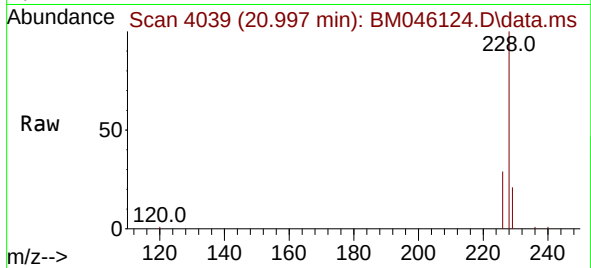
Tgt Ion:202 Resp: 135900
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.918 ng/ul m
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

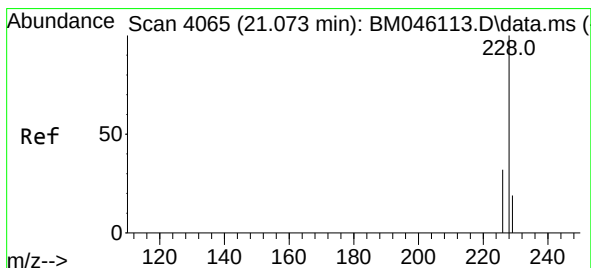
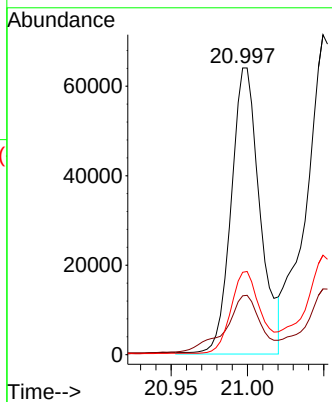
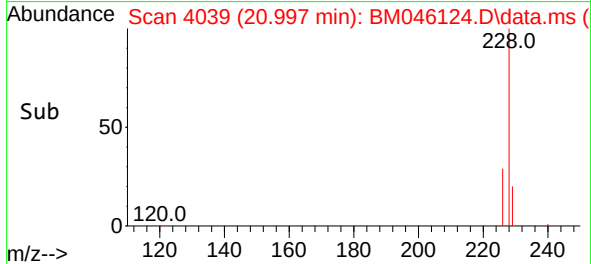
Instrument :
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Tgt Ion:228 Resp: 83990
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.8 23.4 35.2

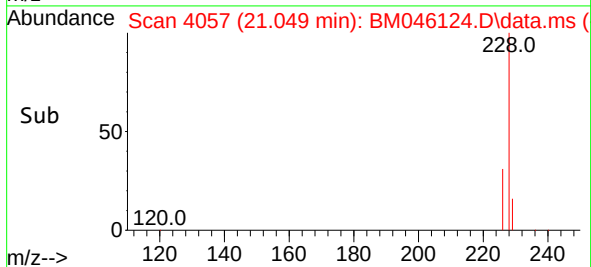
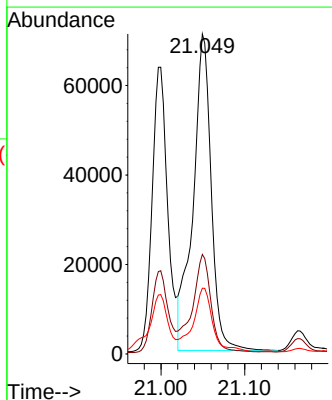
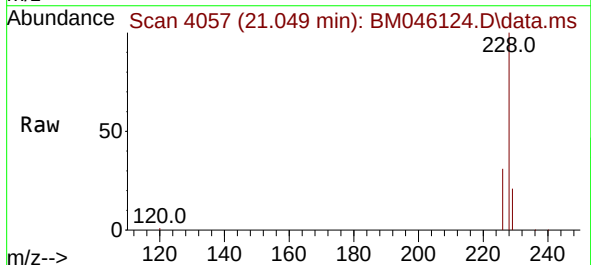
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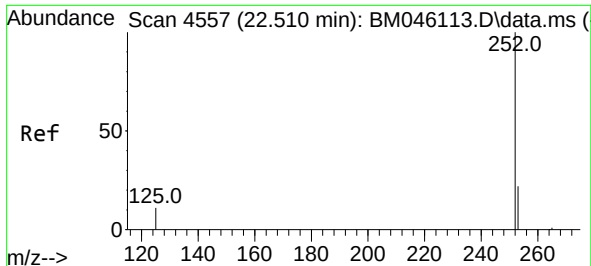
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 2.913 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

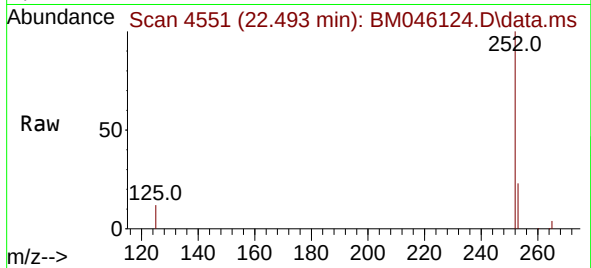
Tgt Ion:228 Resp: 107004
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 20.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.876 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

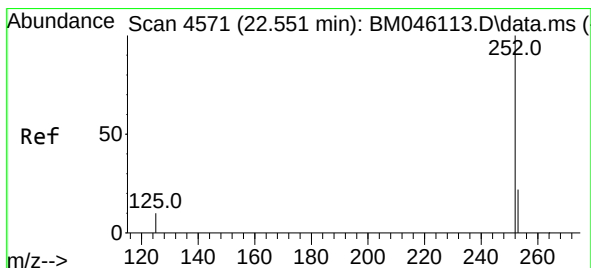
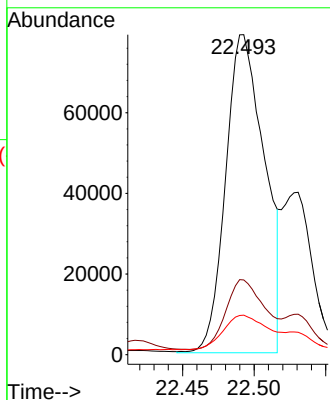
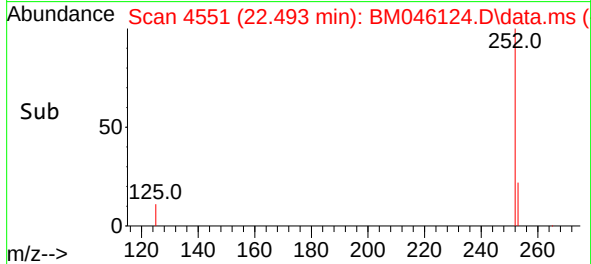
Instrument :
BNA_M
ClientSampleId :
A4BN0



Tgt Ion:252 Resp: 149209
Ion Ratio Lower Upper
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253 23.3 0.0 65.8
125 12.4 0.0 40.2

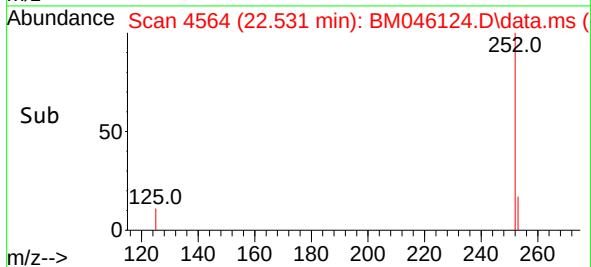
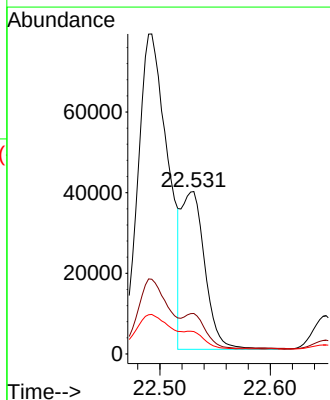
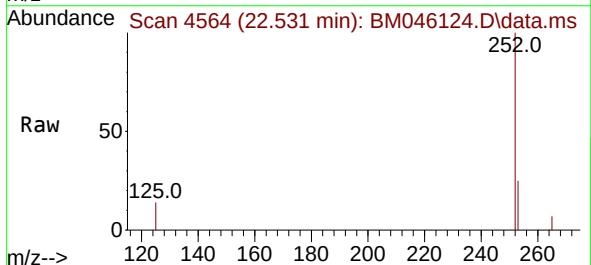
Manual Integrations
APPROVED

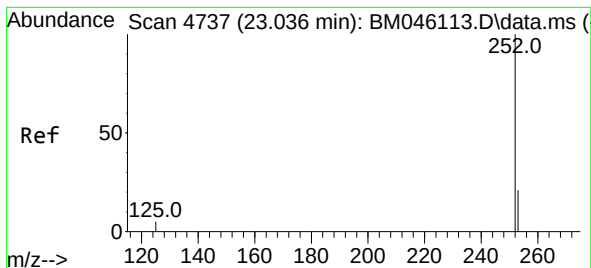
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.599 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.033 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

Tgt Ion:252 Resp: 58175
Ion Ratio Lower Upper
252 100
253 25.0 27.2 40.8#
125 13.8 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.675 ng/ul

RT: 23.016 min Scan# 4730

Delta R.T. -0.038 min

Lab File: BM046124.D

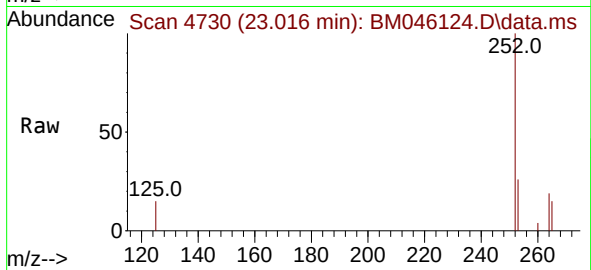
Acq: 20 Jun 2024 15:44

Instrument :

BNM_M

ClientSampleId :

A4BN0

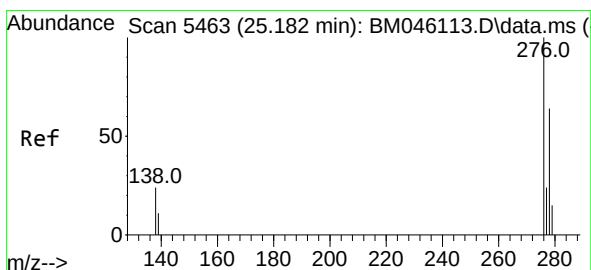
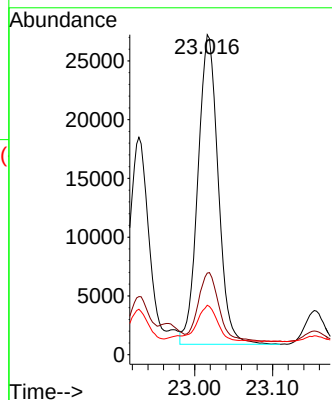
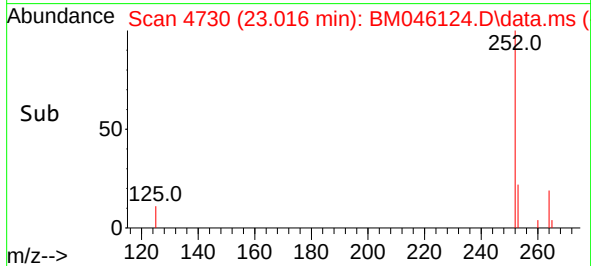


Tgt Ion:	252	Resp:	47494
Ion Ratio	Lower	Upper	
252	100		
253	25.5	32.1	48.1
125	15.4	21.2	31.8

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#27

Indeno(1,2,3-cd)pyrene

Concen: 1.166 ng/ul

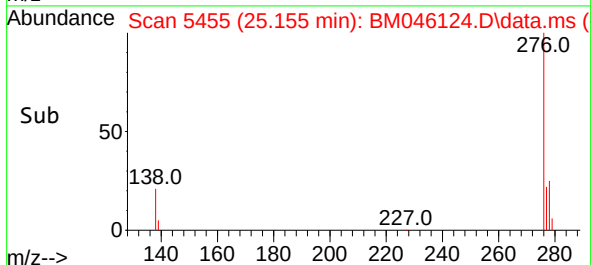
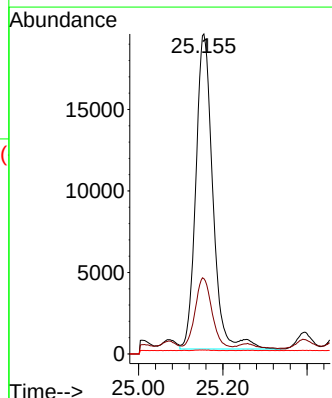
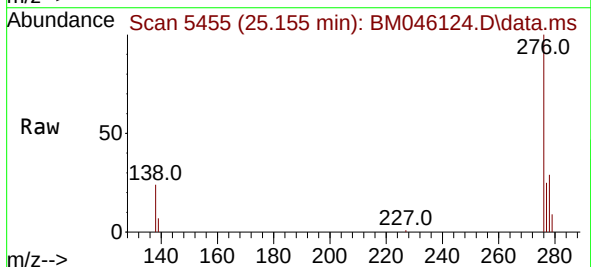
RT: 25.155 min Scan# 5455

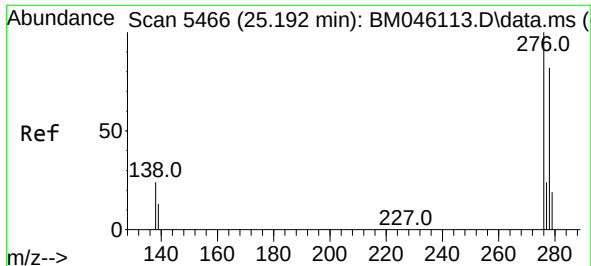
Delta R.T. -0.047 min

Lab File: BM046124.D

Acq: 20 Jun 2024 15:44

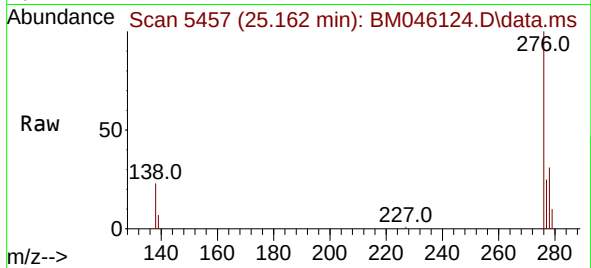
Tgt Ion:	276	Resp:	54114
Ion Ratio	Lower	Upper	
276	100		
138	21.2	21.0	31.4
227	0.1	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.473 ng/ul
RT: 25.162 min Scan# 5466
Delta R.T. -0.054 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44

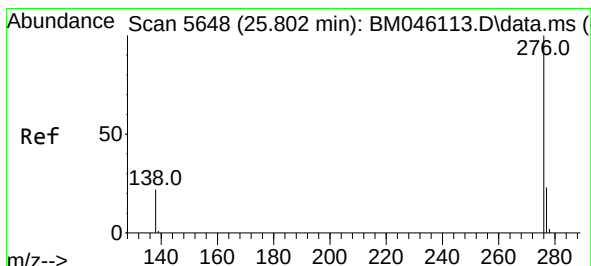
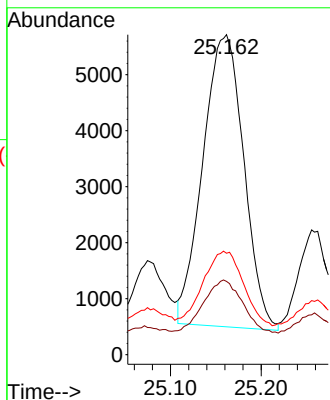
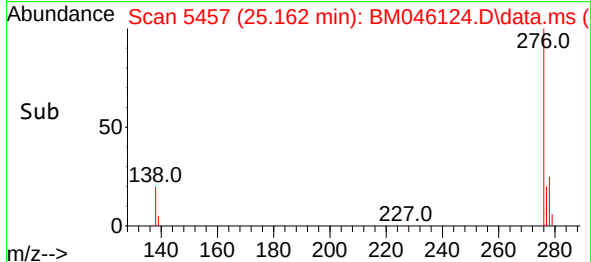
Instrument :
BNA_M
ClientSampleId :
A4BN0



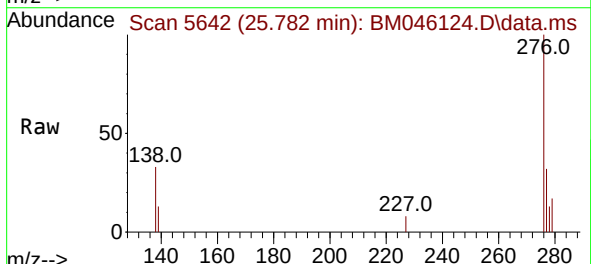
Tgt Ion:278 Resp: 1633
Ion Ratio Lower Upper
278 100
139 22.9 17.6 26.4
279 31.7 26.3 39.5

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Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 25.782 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046124.D
Acq: 20 Jun 2024 15:44



Tgt Ion:276 Resp: 7719
Ion Ratio Lower Upper
276 100
138 33.0 21.7 32.5#
277 32.3 20.4 30.6#

