

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045933.D
 Acq On : 09 Jun 2024 01:57
 Operator : MA/JU
 Sample : P2640-04DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:31:14 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	7.464	152	5560	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	17873	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9896	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.849	188	20983	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	17997	0.400	ng/ul	-0.01
23) Perylene-d12	23.148	264	20542m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	6810	1.075	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.848	152	1515	0.059	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	3601	0.067	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	6444	0.138	ng/ul	97
7) 2-Methylnaphthalene	11.925	142	2180	0.073	ng/ul	94
8) 1-Methylnaphthalene	12.140	142	1965	0.061	ng/ul	99
10) Acenaphthylene	13.825	152	8258	0.183	ng/ul	97
11) Acenaphthene	14.172	153	12513	0.378	ng/ul	99
12) Fluorene	15.162	166	13477	0.365	ng/ul	98
15) Phenanthrene	16.891	178	283774	4.817	ng/ul	99
16) Anthracene	16.984	178	44889	0.893	ng/ul	98
19) Fluoranthene	18.908	202	484011	6.744	ng/ul	98
20) Pyrene	19.275	202	347285	4.639	ng/ul	95
21) Benzo(a)anthracene	21.024	228	194608	2.946	ng/ul	99
22) Chrysene	21.076	228	208246	2.896	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	286586m	4.206	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	88959m	1.188	ng/ul	
26) Benzo(a)pyrene	23.055	252	108242	1.597	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.209	276	101297	1.156	ng/ul	92
28) Dibenzo(a,h)anthracene	25.212	278	31849	0.455	ng/ul	99
29) Benzo(g,h,i)perylene	25.836	276	15515	0.205	ng/ul	94

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

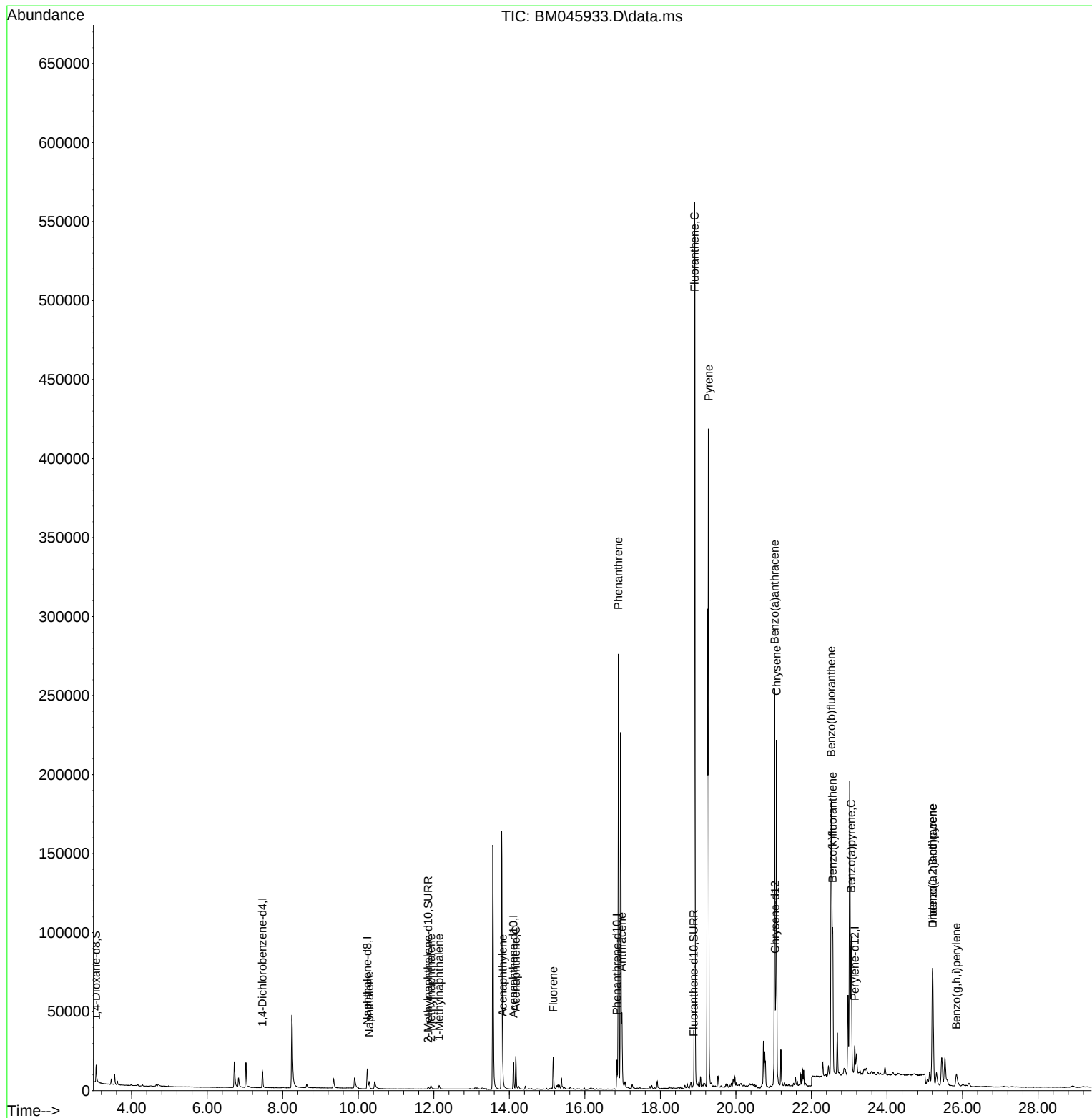
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045933.D
Acq On : 09 Jun 2024 01:57
Operator : MA/JU
Sample : P2640-04DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

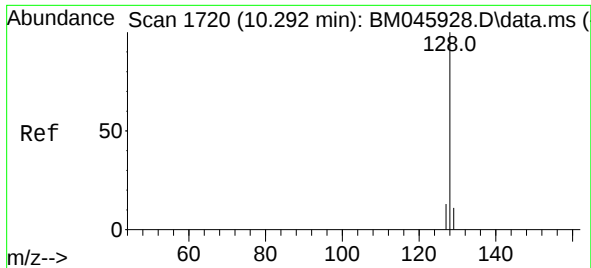
Instrument :
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ClientSampleId :
A4C15DL

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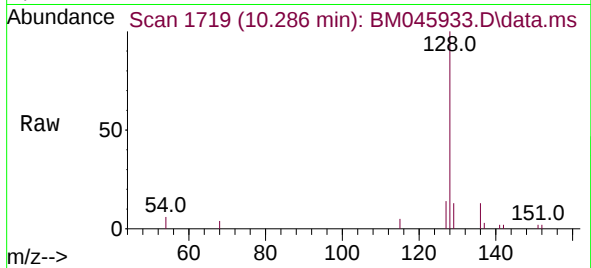
Quant Time: Jun 10 01:31:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.016 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

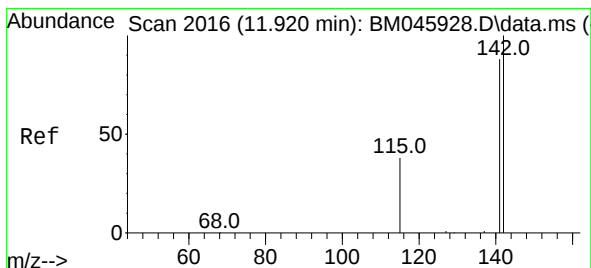
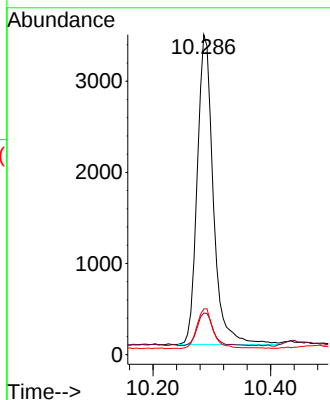
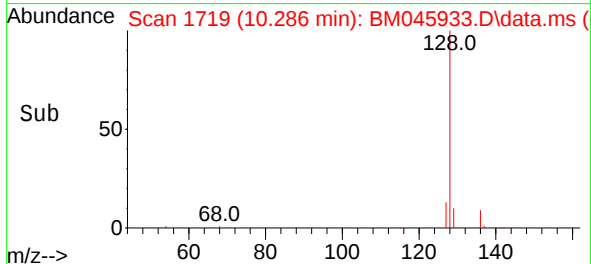
Instrument :
BNA_M
ClientSampleId :
A4C15DL



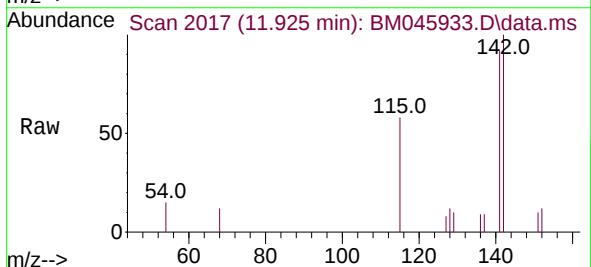
Tgt Ion:128 Resp: 644
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 14.3 10.6 15.8

Manual Integrations
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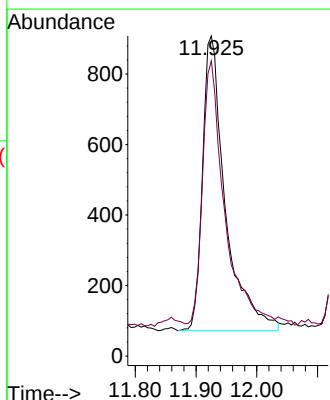
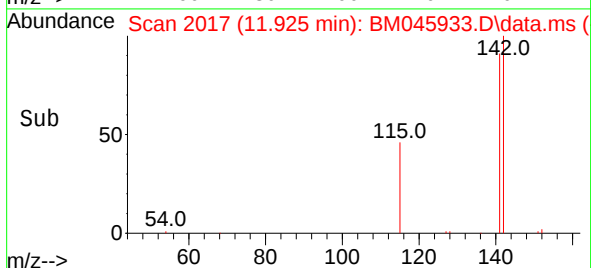
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

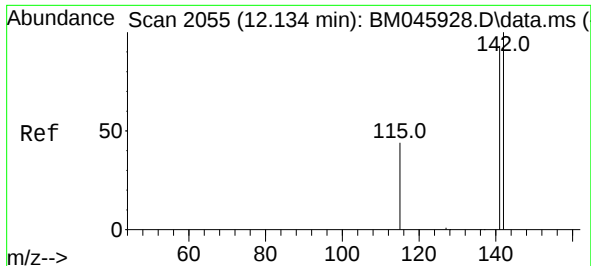


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57



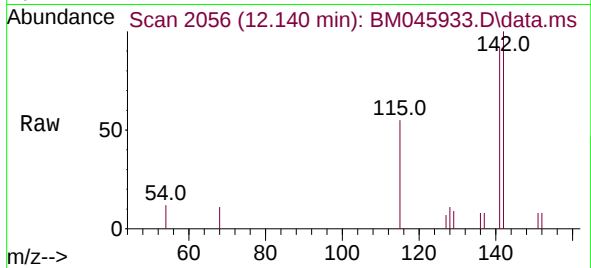
Tgt Ion:142 Resp: 2180
Ion Ratio Lower Upper
142 100
141 84.7 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.140 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

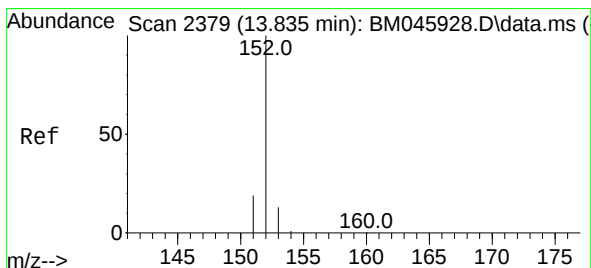
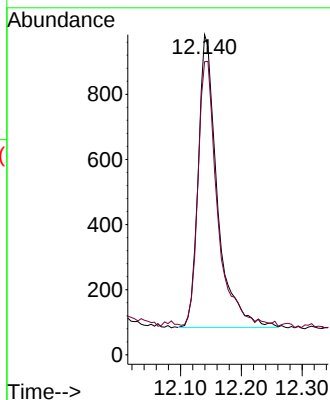
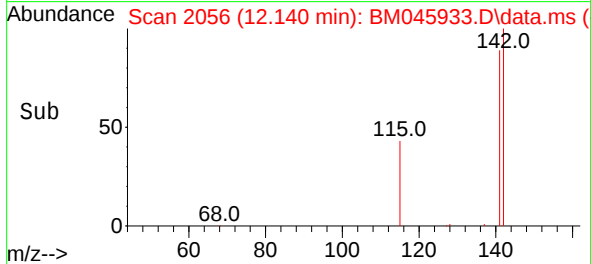
Instrument :
BNA_M
ClientSampleId :
A4C15DL



Tgt Ion:142 Resp: 1968
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3

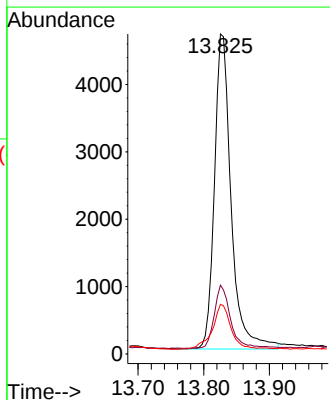
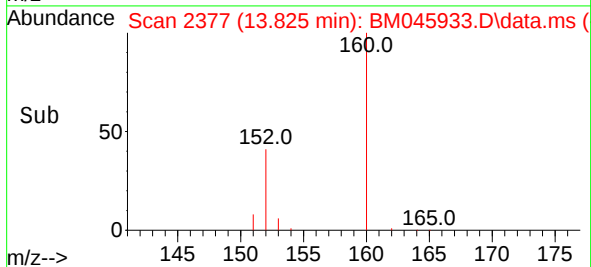
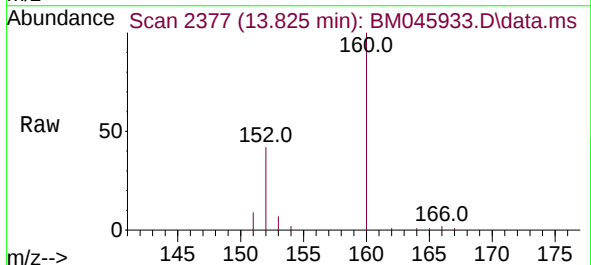
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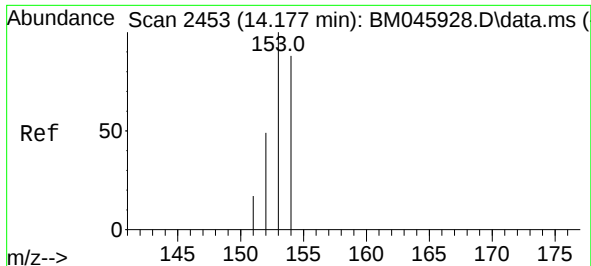
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.014 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

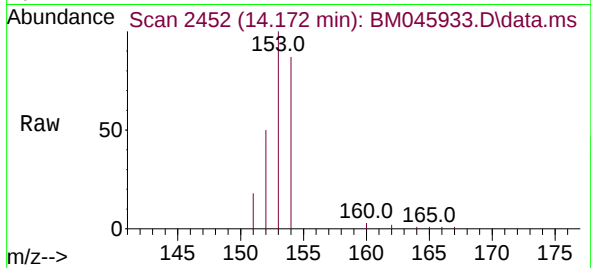
Tgt Ion:152 Resp: 8258
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 15.5 11.1 16.7





#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

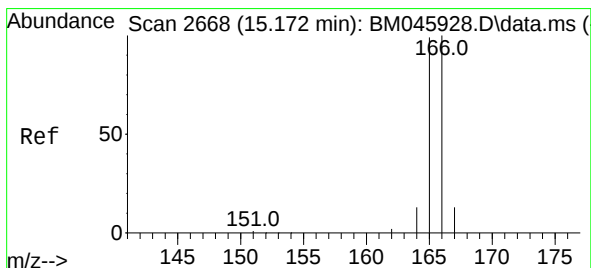
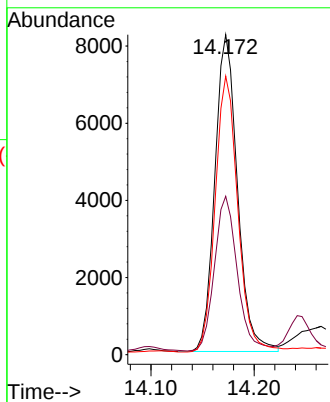
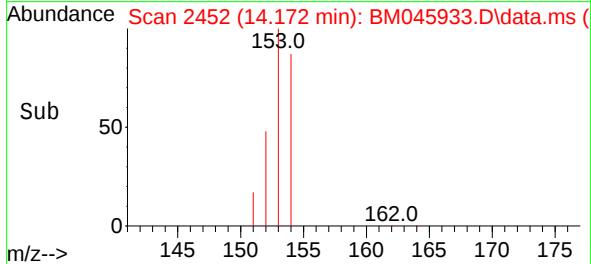
Instrument :
BNA_M
ClientSampleId :
A4C15DL



Tgt Ion:153 Resp: 1251
Ion Ratio Lower Upper
153 100
152 49.5 39.0 58.4
154 87.0 69.4 104.2

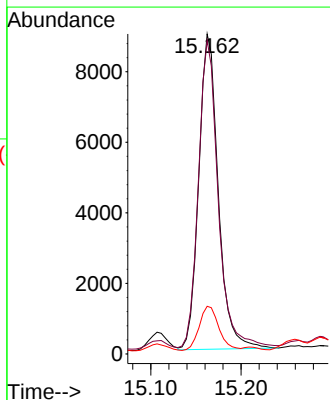
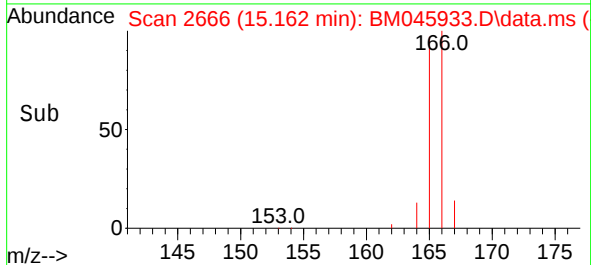
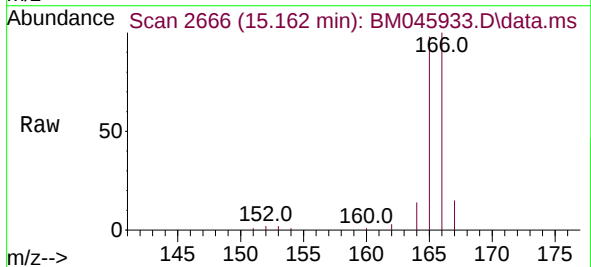
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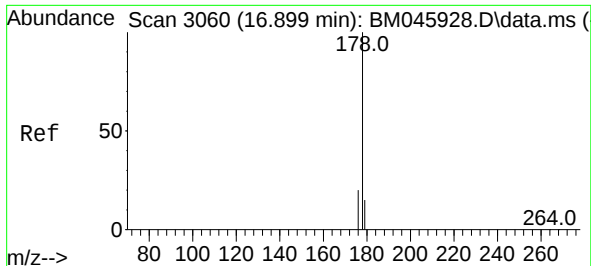
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

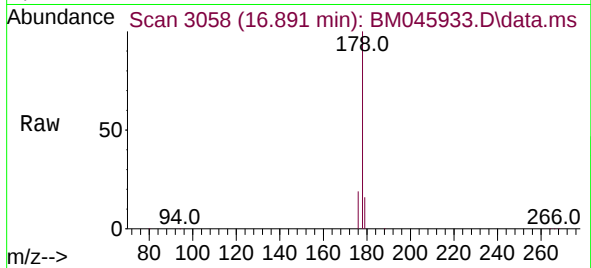
Tgt Ion:166 Resp: 13477
Ion Ratio Lower Upper
166 100
165 97.9 79.7 119.5
167 14.9 11.3 16.9





#15
Phenanthrene
Concen: 4.817 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

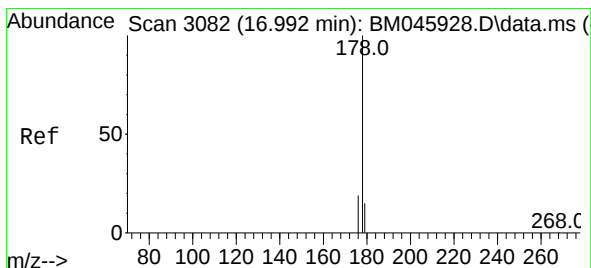
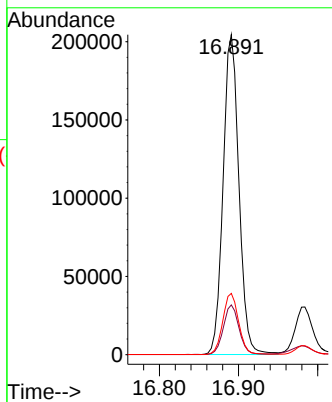
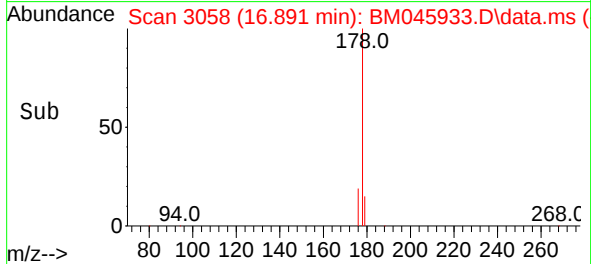
Instrument :
BNA_M
ClientSampleId :
A4C15DL



Tgt Ion:178 Resp: 283774
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.1 15.6 23.4

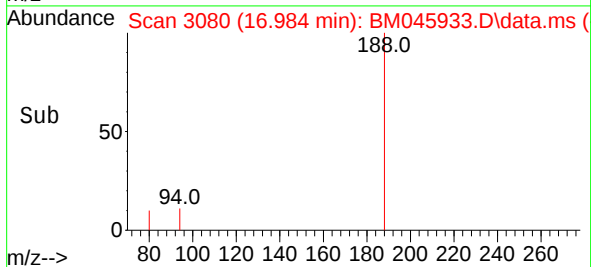
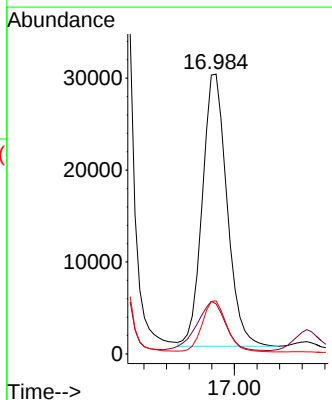
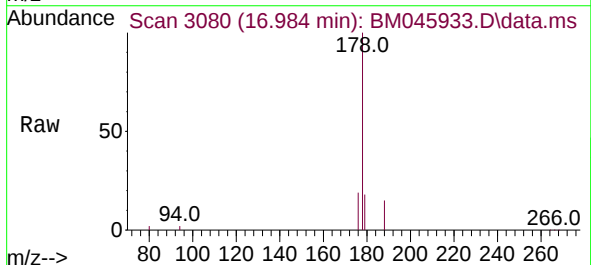
Manual Integrations
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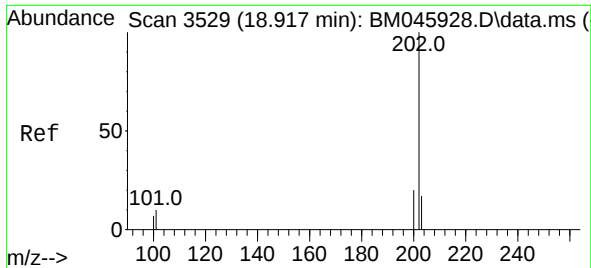
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.893 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

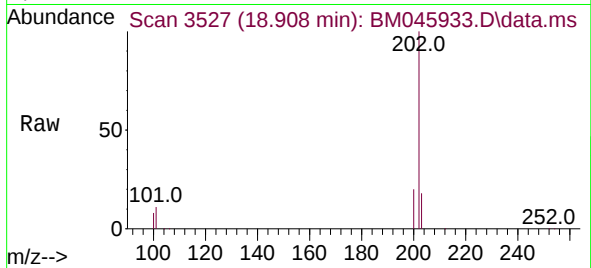
Tgt Ion:178 Resp: 44889
Ion Ratio Lower Upper
178 100
179 17.9 13.1 19.7
176 19.0 15.5 23.3





#19
Fluoranthene
Concen: 6.744 ng/ul
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

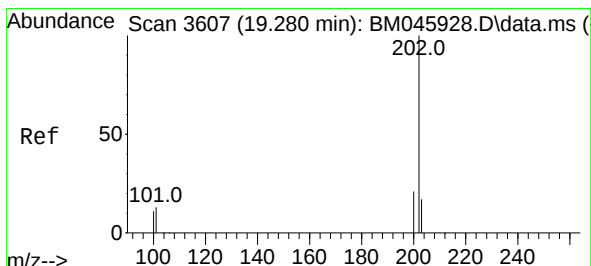
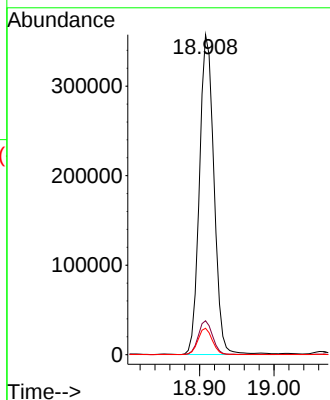
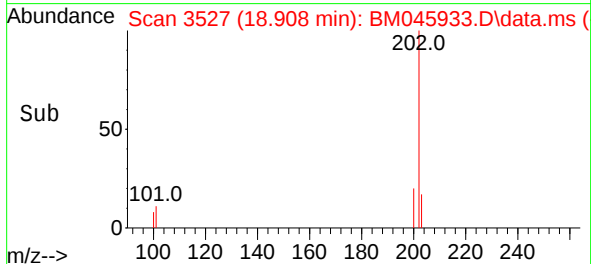
Instrument :
BNA_M
ClientSampleId :
A4C15DL



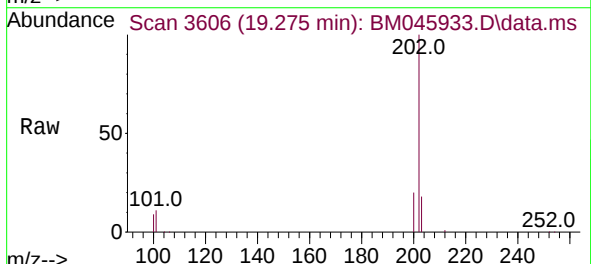
Tgt Ion:202 Resp: 48401
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.6
100 8.3 7.0 10.6

Manual Integrations
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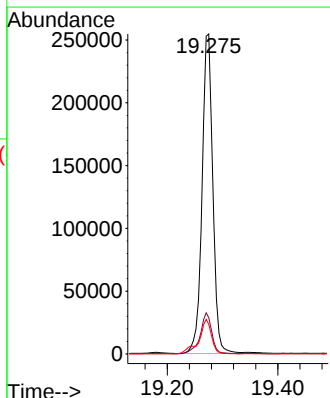
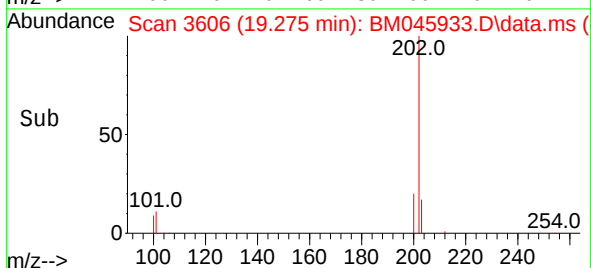
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

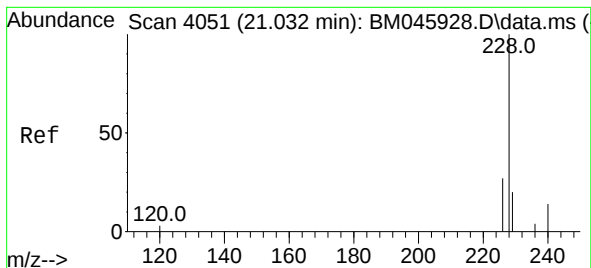


#20
Pyrene
Concen: 4.639 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57



Tgt Ion:202 Resp: 347285
Ion Ratio Lower Upper
202 100
101 11.3 10.6 16.0
100 9.3 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.946 ng/ul

RT: 21.024 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BM045933.D

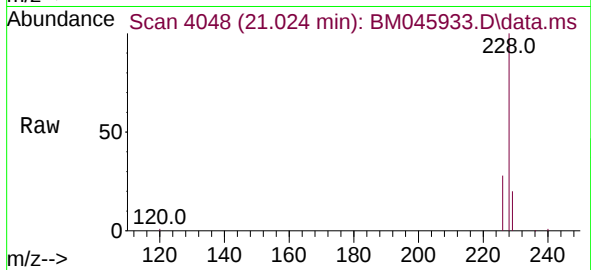
Acq: 09 Jun 2024 01:57

Instrument :

BNA_M

ClientSampleId :

A4C15DL



Tgt Ion:228 Resp: 194608

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

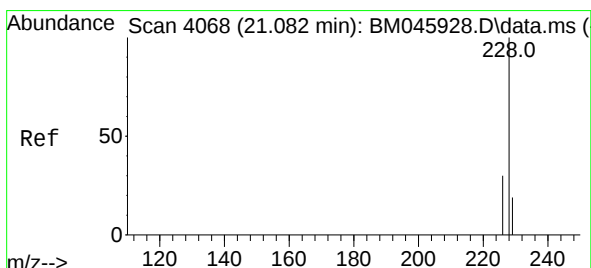
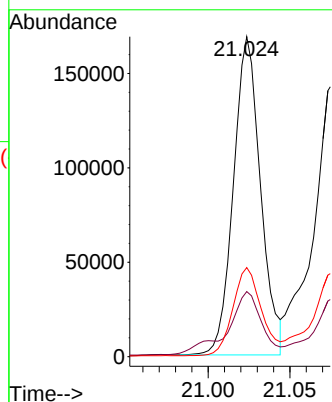
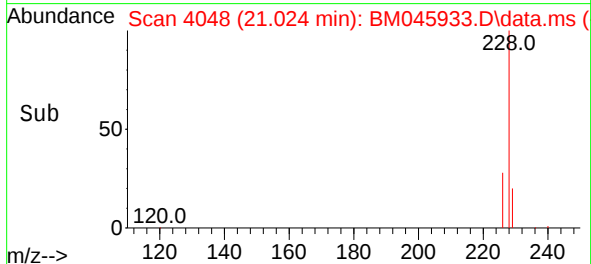
226 27.9 22.0 33.0

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#22

Chrysene

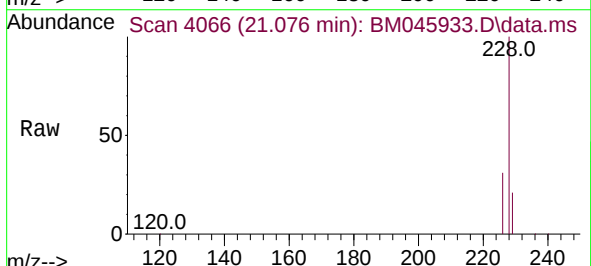
Concen: 2.896 ng/ul

RT: 21.076 min Scan# 4066

Delta R.T. -0.012 min

Lab File: BM045933.D

Acq: 09 Jun 2024 01:57



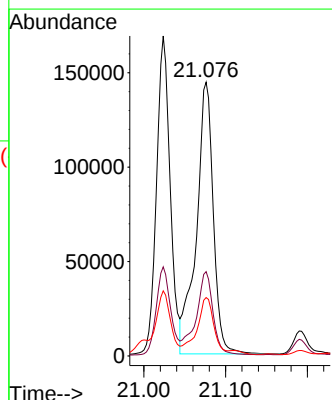
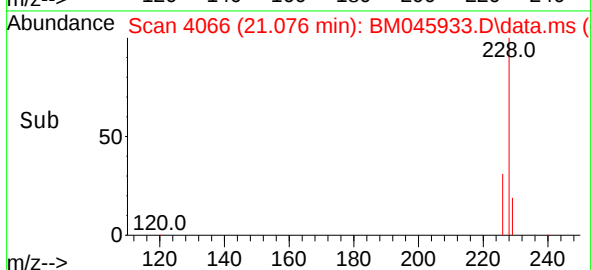
Tgt Ion:228 Resp: 208246

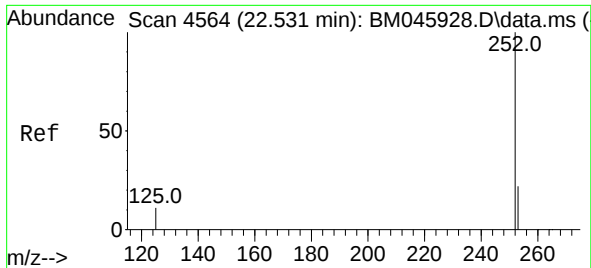
Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

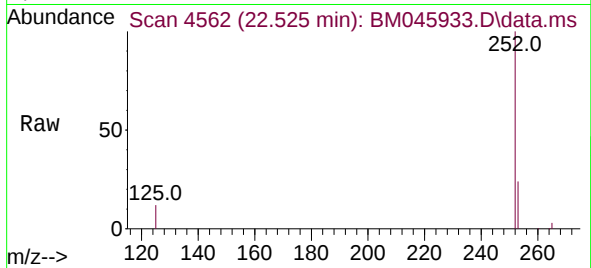
229 21.3 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 4.206 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

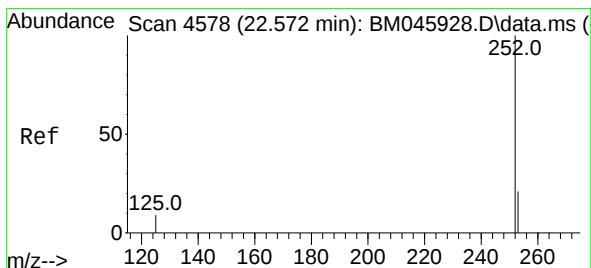
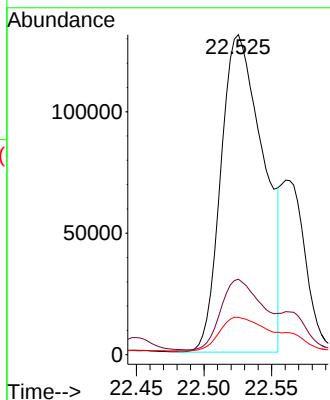
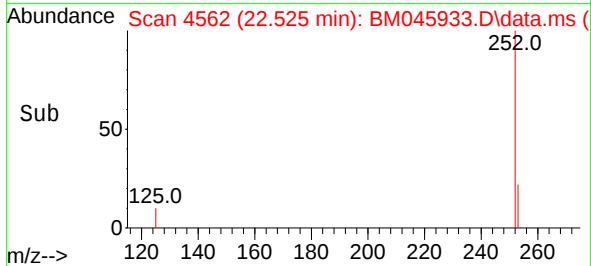
Instrument :
BNA_M
ClientSampleId :
A4C15DL



Tgt Ion:252 Resp: 28658
Ion Ratio Lower Upper
252 100
253 23.6 0.0 63.6
125 11.6 0.0 35.8

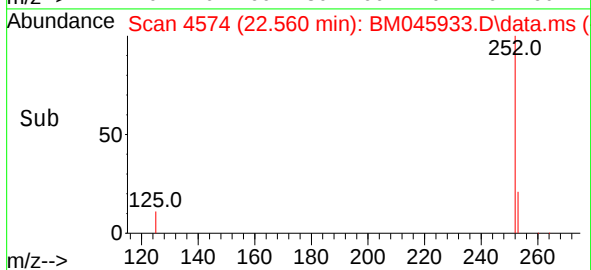
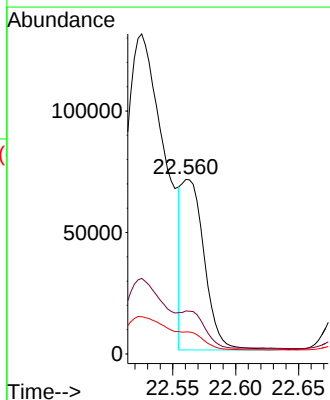
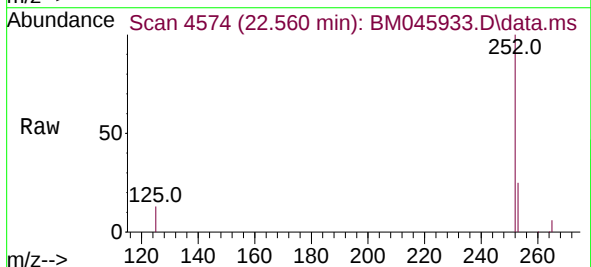
Manual Integrations
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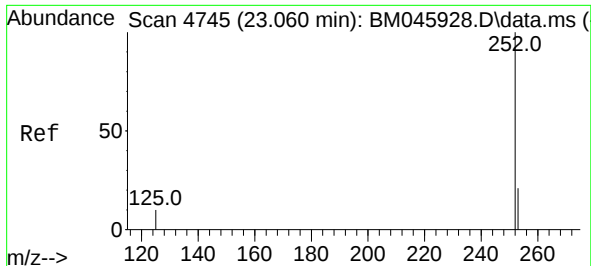
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 1.188 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.020 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

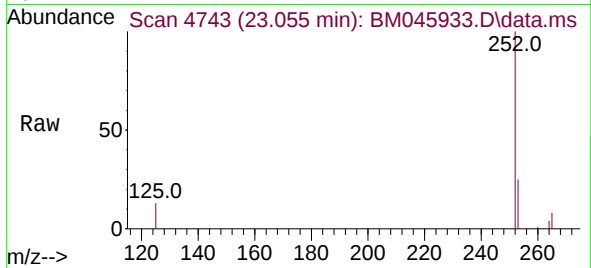
Tgt Ion:252 Resp: 88959
Ion Ratio Lower Upper
252 100
253 24.6 25.0 37.6#
125 12.6 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 1.597 ng/ul
RT: 23.055 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

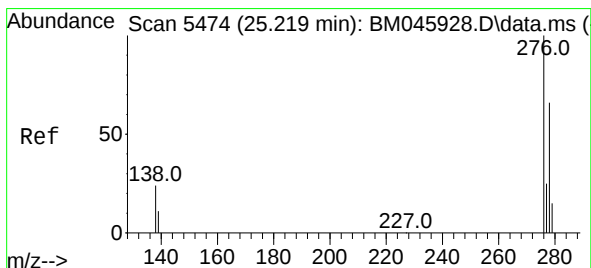
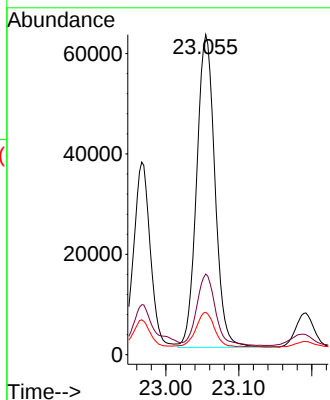
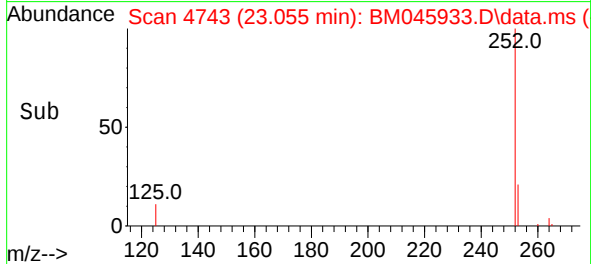
Instrument :
BNA_M
ClientSampleId :
A4C15DL



Tgt Ion:252 Resp: 10824
Ion Ratio Lower Upper
252 100
253 25.2 28.8 43.2
125 13.2 17.3 25.9

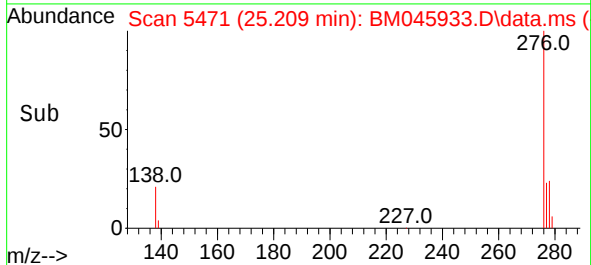
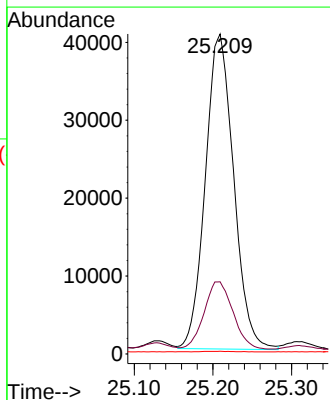
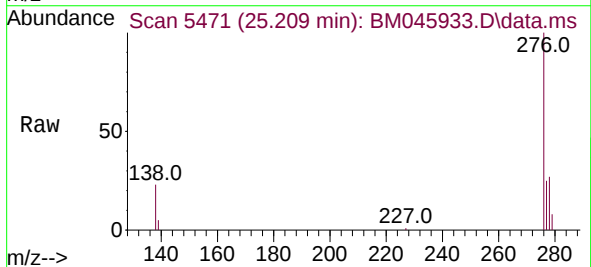
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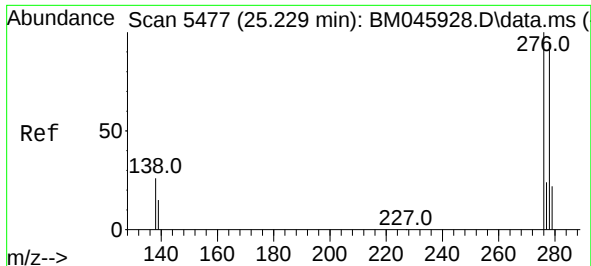
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.156 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

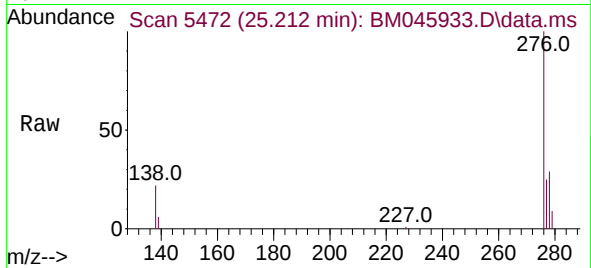
Tgt Ion:276 Resp: 101297
Ion Ratio Lower Upper
276 100
138 21.8 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 25.212 min Scan# 5477
Delta R.T. -0.036 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57

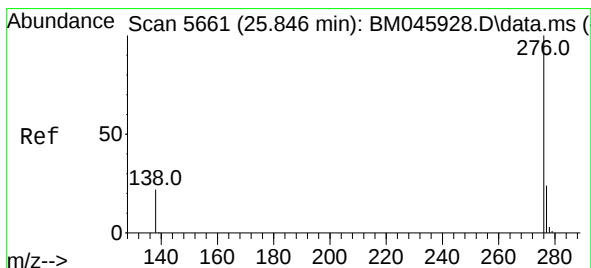
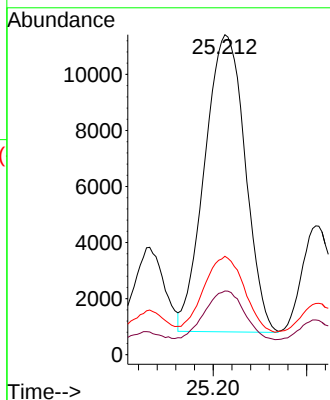
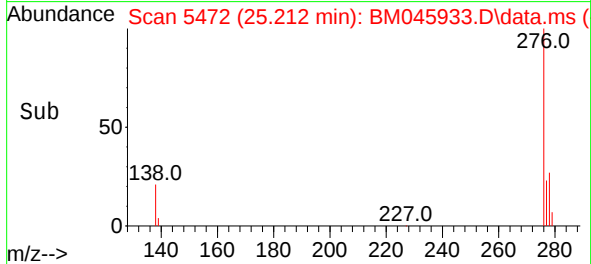
Instrument :
BNA_M
ClientSampleId :
A4C15DL



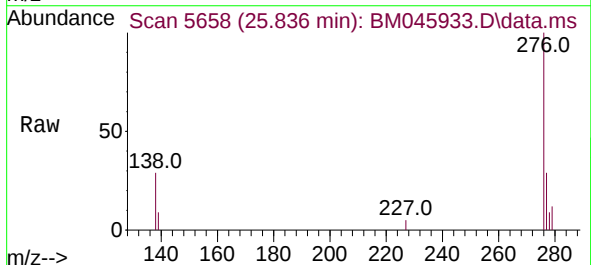
Tgt Ion:278 Resp: 31849
Ion Ratio Lower Upper
278 100
139 19.9 16.6 25.0
279 30.8 24.6 37.0

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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.205 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.026 min
Lab File: BM045933.D
Acq: 09 Jun 2024 01:57



Tgt Ion:276 Resp: 15515
Ion Ratio Lower Upper
276 100
138 28.9 21.0 31.4
277 29.0 20.5 30.7

