

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045542.D
 Acq On : 25 Apr 2024 00:25
 Operator : MA/JU
 Sample : P2104-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 00:58:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	923	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2605	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1398	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3101m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.187	240	2758	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	3115m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4953	4.004	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	844	0.246	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2005	0.231	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.364	128	257	0.037	ng/ul#	60
7) 2-Methylnaphthalene	12.008	142	185	0.046	ng/ul	98
8) 1-Methylnaphthalene	12.228	142	146	0.033	ng/ul	84
15) Phenanthrene	17.001	178	2334	0.258	ng/ul	98
16) Anthracene	17.094	178	390m	0.046	ng/ul	
19) Fluoranthene	19.034	202	7815	0.614	ng/ul#	92
20) Pyrene	19.396	202	6897m	0.527	ng/ul	
21) Benzo(a)anthracene	21.176	228	3472	0.394	ng/ul	97
22) Chrysene	21.225	228	4034	0.298	ng/ul	100
24) Benzo(b)fluoranthene	22.716	252	7042m	0.672	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	2412m	0.182	ng/ul	
26) Benzo(a)pyrene	23.271	252	4315	0.397	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.568	276	4511	0.286	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.578	278	890	0.071	ng/ul#	14
29) Benzo(g,h,i)perylene	26.232	276	4293	0.302	ng/ul#	94

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

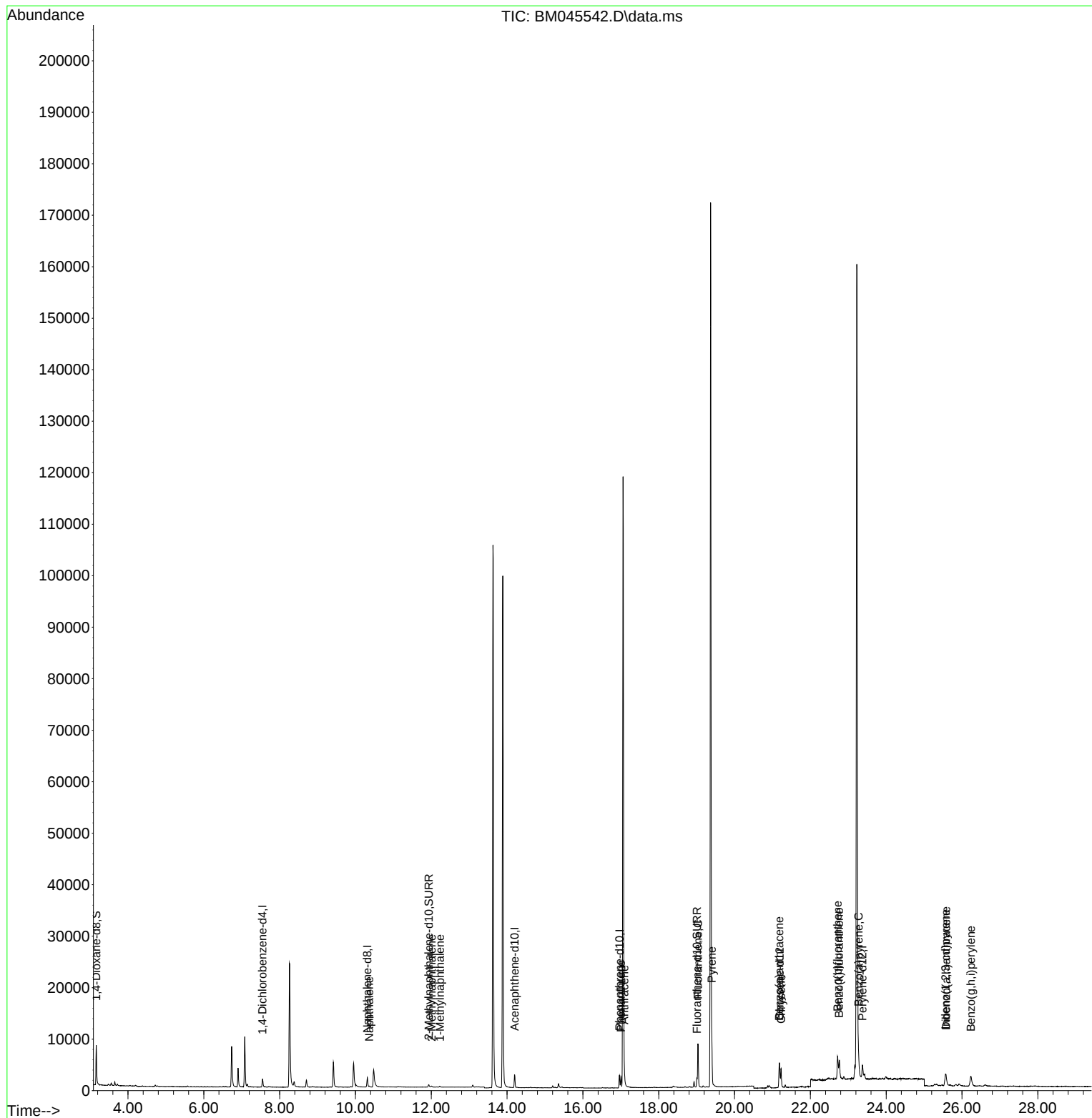
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
Acq On : 25 Apr 2024 00:25
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

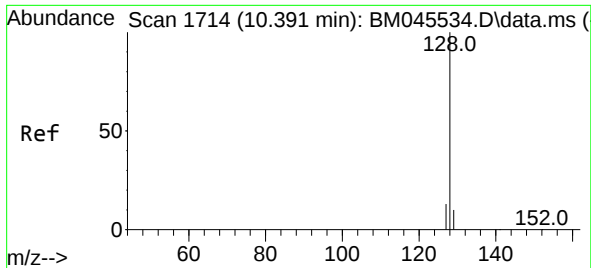
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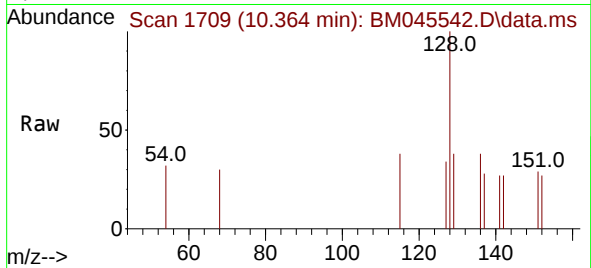
Quant Time: Apr 25 00:58:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.364 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

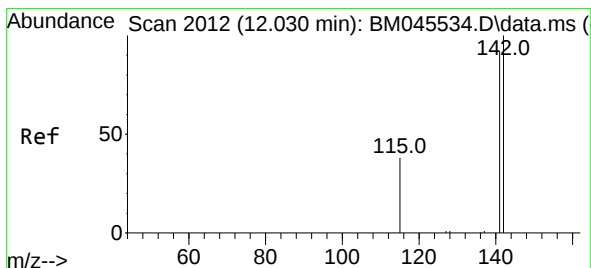
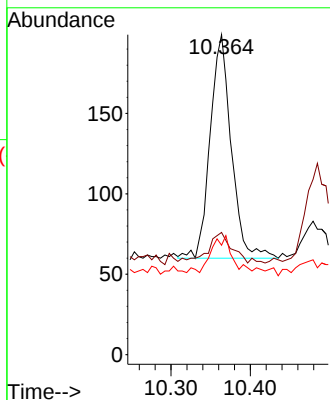
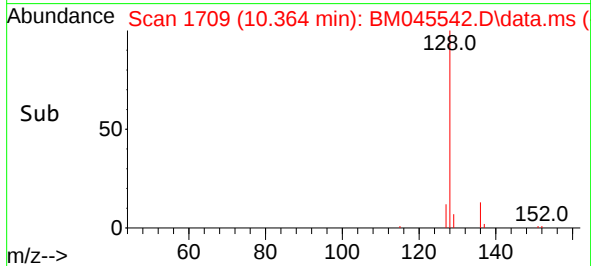
Instrument :
BNA_M
ClientSampleId :
C0AA0



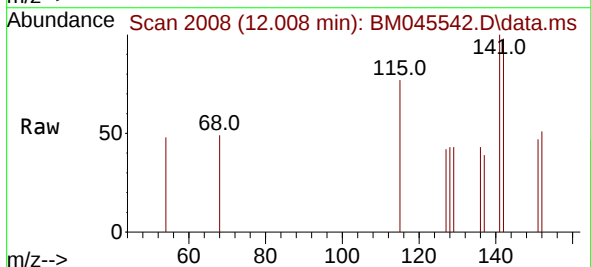
Tgt Ion:128 Resp: 257
Ion Ratio Lower Upper
128 100
129 38.2 14.0 21.0
127 34.2 15.4 23.2

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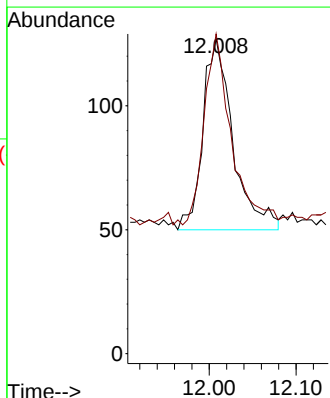
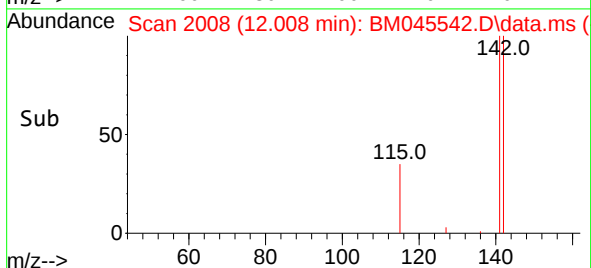
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

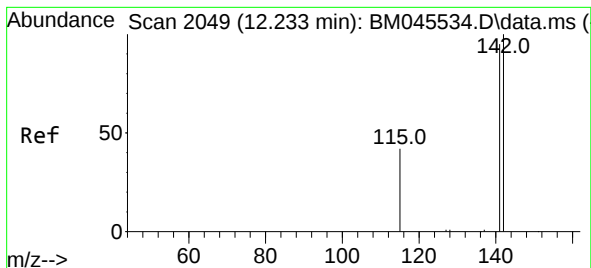


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25



Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
141 90.8 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.033 ng/uI

RT: 12.228 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BM045542.D

Acq: 25 Apr 2024 00:25

Instrument :

BNA_M

ClientSampleId :

C0AA0

Tgt Ion:142 Resp: 140

Ion Ratio Lower Upper

142 100

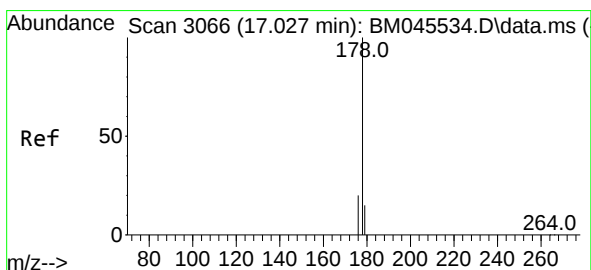
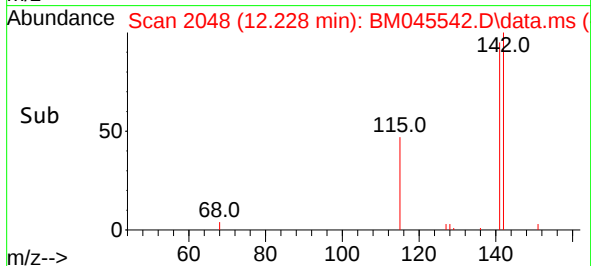
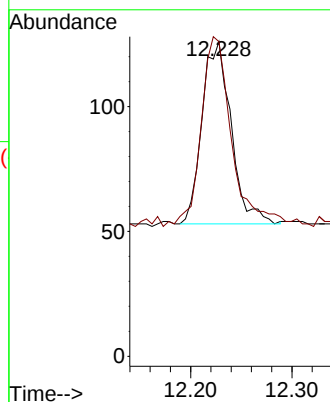
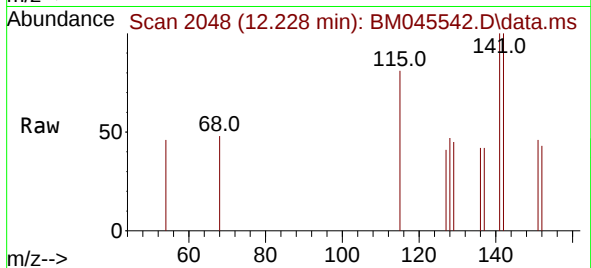
141 111.0 76.1 114.1

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#15

Phenanthrene

Concen: 0.258 ng/uI

RT: 17.001 min Scan# 3060

Delta R.T. -0.021 min

Lab File: BM045542.D

Acq: 25 Apr 2024 00:25

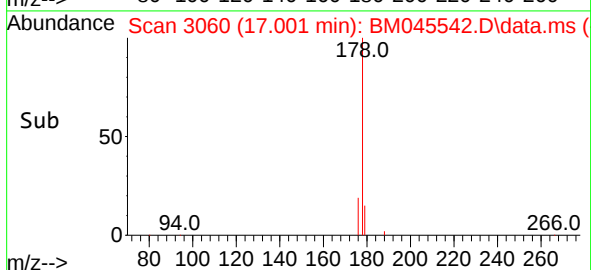
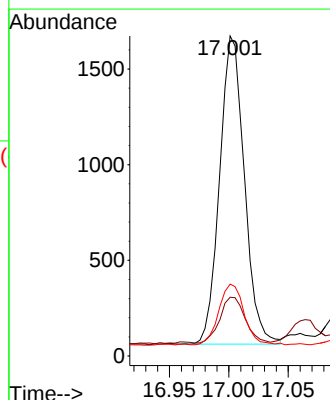
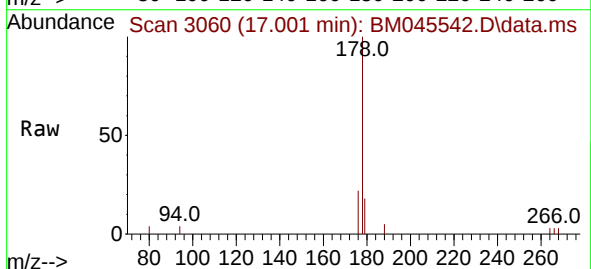
Tgt Ion:178 Resp: 2334

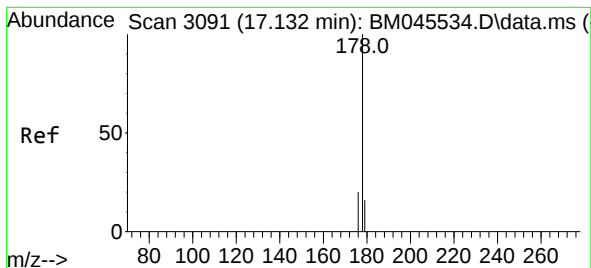
Ion Ratio Lower Upper

178 100

179 18.4 15.4 23.2

176 22.5 19.0 28.4





#16

Anthracene

Concen: 0.046 ng/ul m

RT: 17.094 min Scan# 3091

Delta R.T. -0.025 min

Lab File: BM045542.D

Acq: 25 Apr 2024 00:25

Instrument :

BNA_M

ClientSampleId :

C0AA0

Tgt Ion:178 Resp: 390

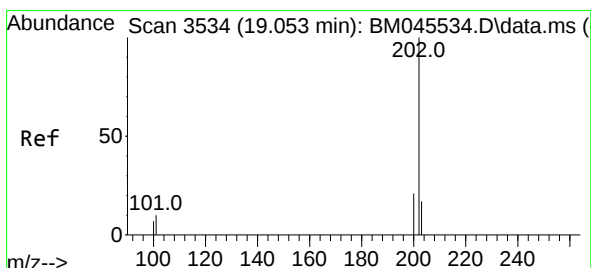
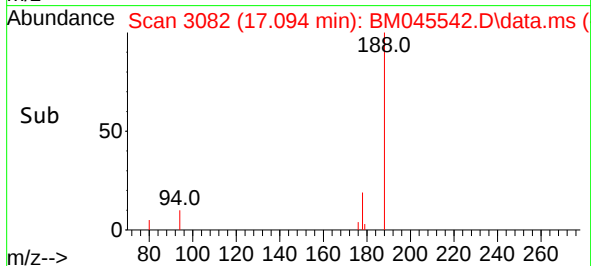
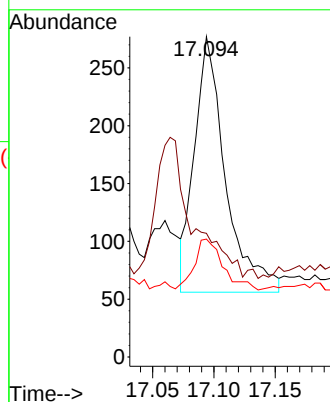
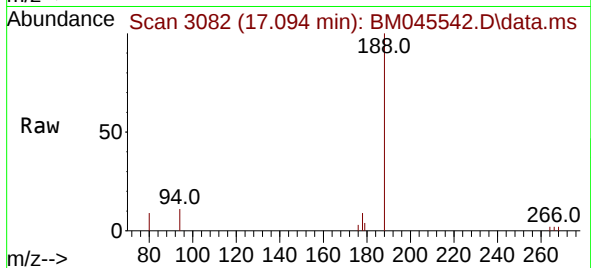
Ion	Ratio	Lower	Upper
178	100		
179	38.6	17.8	26.6
176	36.8	18.7	28.1

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#19

Fluoranthene

Concen: 0.614 ng/ul

RT: 19.034 min Scan# 3530

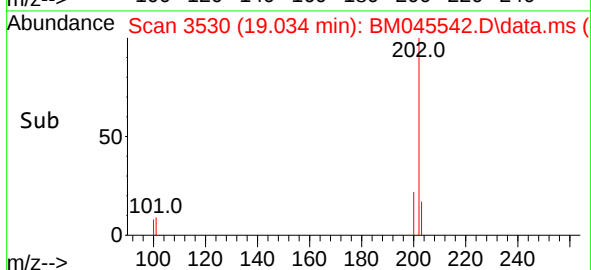
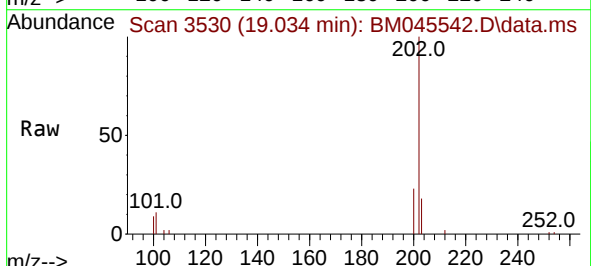
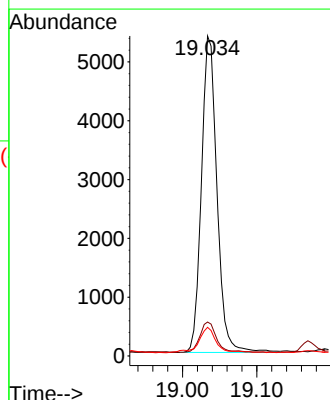
Delta R.T. -0.014 min

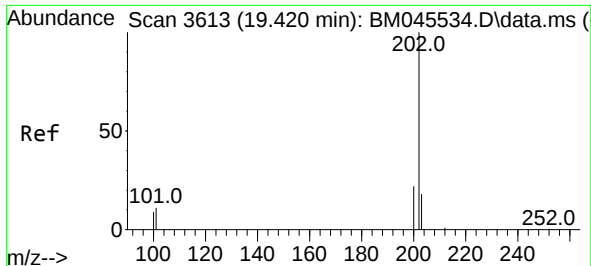
Lab File: BM045542.D

Acq: 25 Apr 2024 00:25

Tgt Ion:202 Resp: 7815

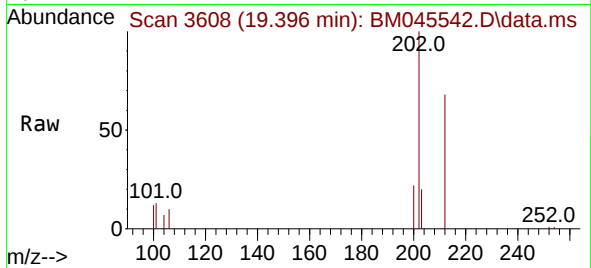
Ion	Ratio	Lower	Upper
202	100		
101	10.6	11.2	16.8
100	8.9	9.1	13.7





#20
Pyrene
Concen: 0.527 ng/ul m
RT: 19.396 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

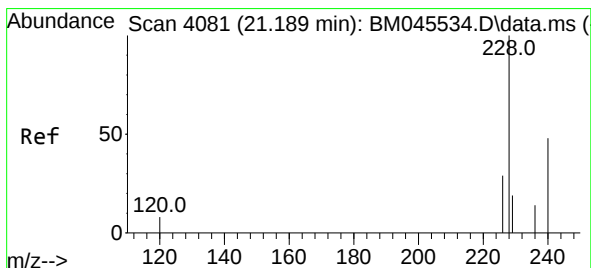
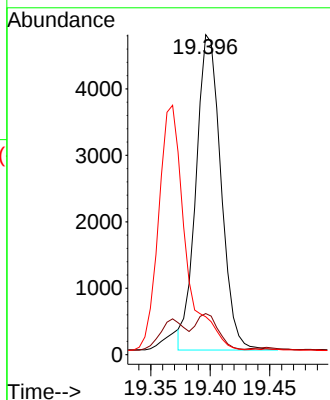
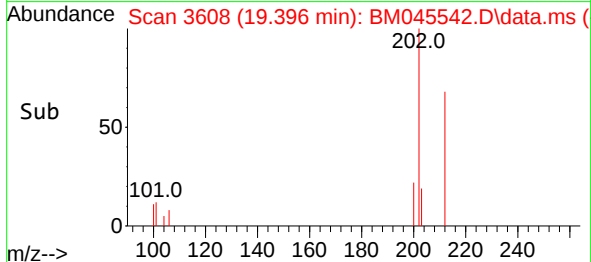
Instrument :
BNA_M
ClientSampleId :
C0AA0



Tgt Ion:202 Resp: 689
Ion Ratio Lower Upper
202 100
101 12.9 11.5 17.3
100 11.9 10.6 15.8

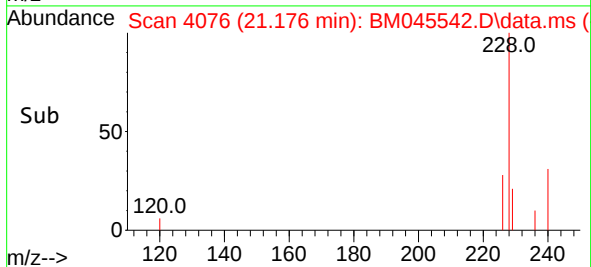
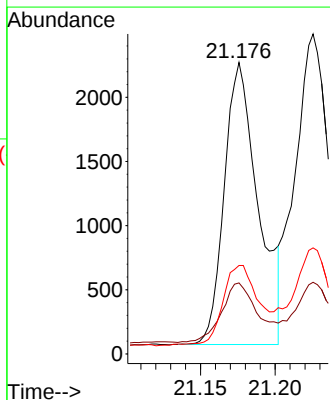
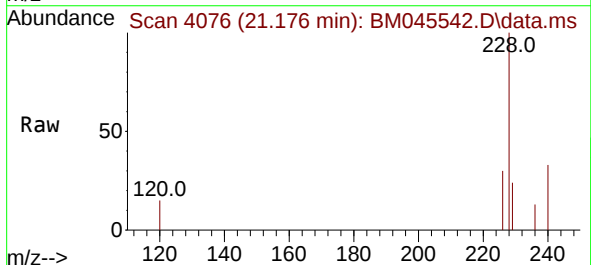
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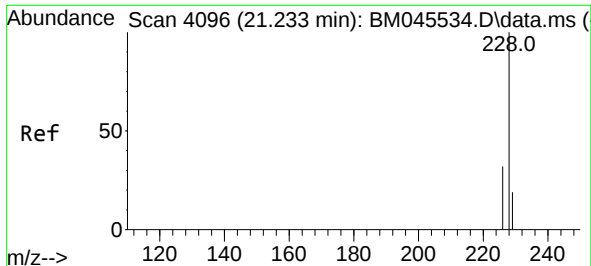
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.176 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

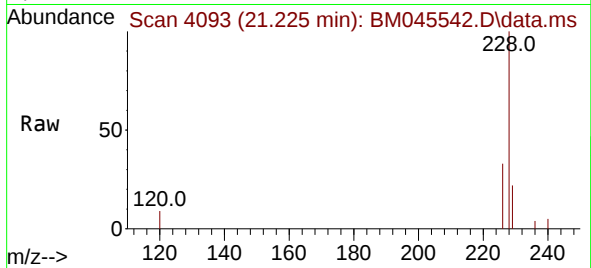
Tgt Ion:228 Resp: 3472
Ion Ratio Lower Upper
228 100
229 24.3 19.4 29.2
226 30.3 26.3 39.5





#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

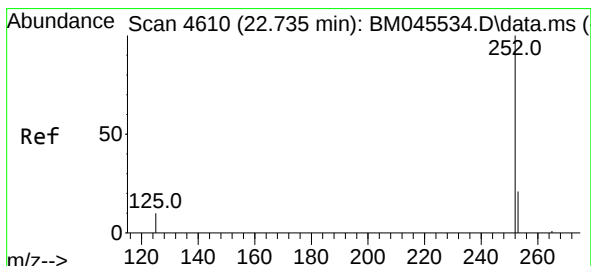
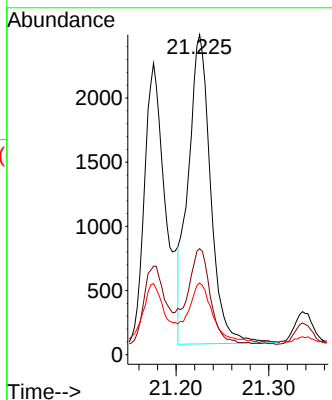
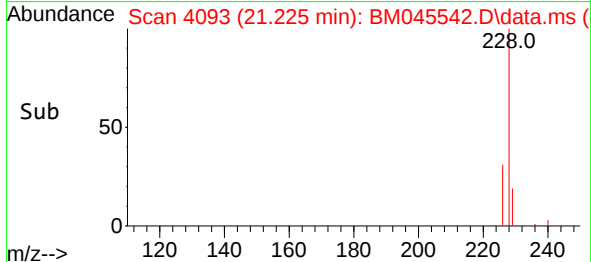
Instrument :
BNA_M
ClientSampleId :
C0AA0



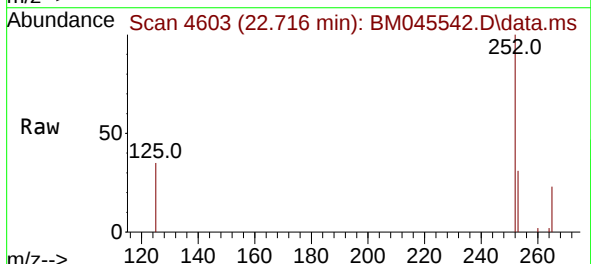
Tgt Ion:228 Resp: 4034
Ion Ratio Lower Upper
228 100
226 33.2 26.3 39.5
229 22.4 17.8 26.8

Manual Integrations
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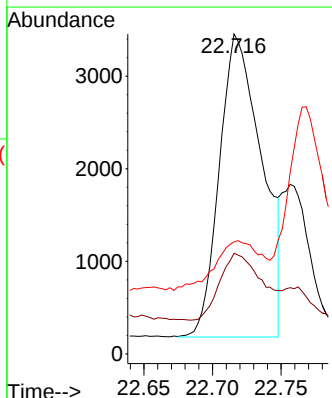
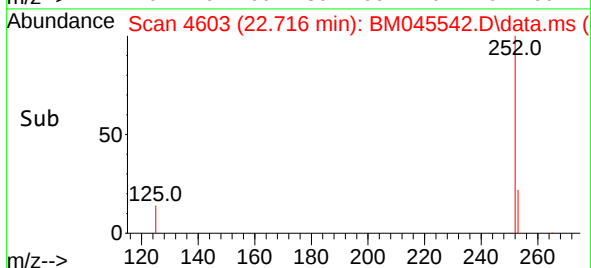
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

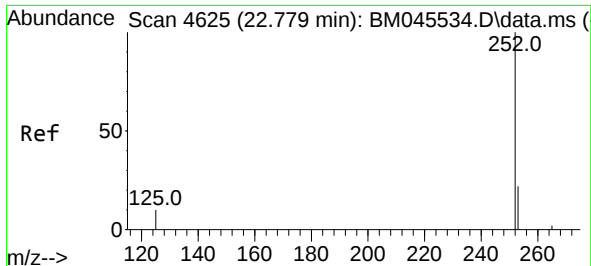


#24
Benzo(b)fluoranthene
Concen: 0.672 ng/ul m
RT: 22.716 min Scan# 4603
Delta R.T. -0.014 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25



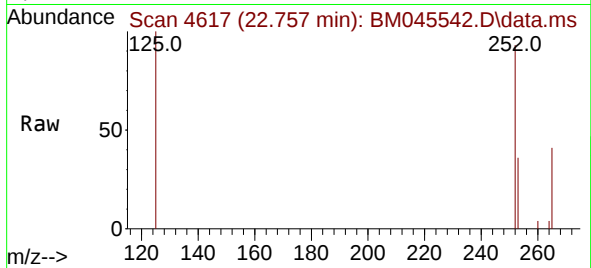
Tgt Ion:252 Resp: 7042
Ion Ratio Lower Upper
252 100
253 31.4 0.0 63.4
125 35.0 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul m
RT: 22.757 min Scan# 4617
Delta R.T. -0.014 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

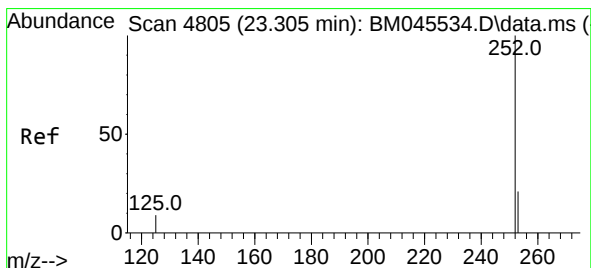
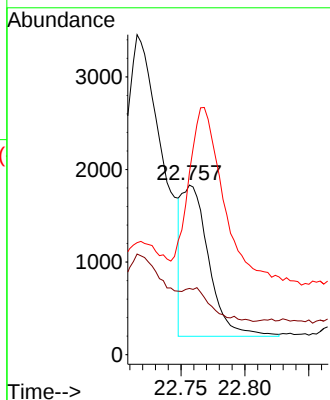
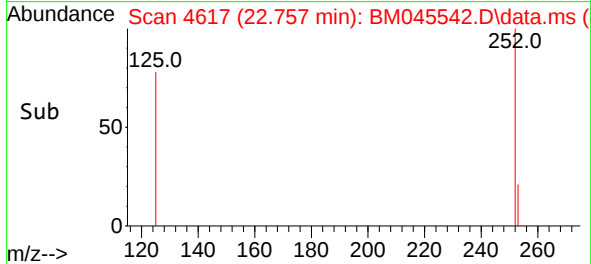
Instrument :
BNA_M
ClientSampleId :
C0AA0



Tgt Ion:252 Resp: 241
Ion Ratio Lower Upper
252 100
253 39.0 25.4 38.0
125 107.2 14.8 22.2

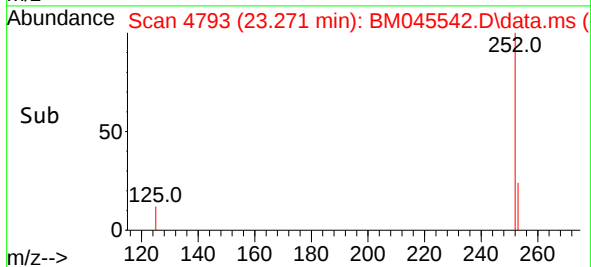
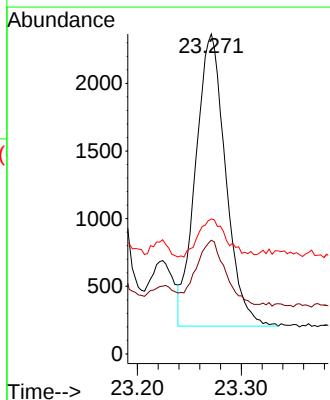
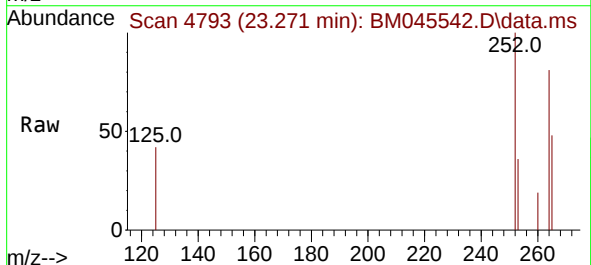
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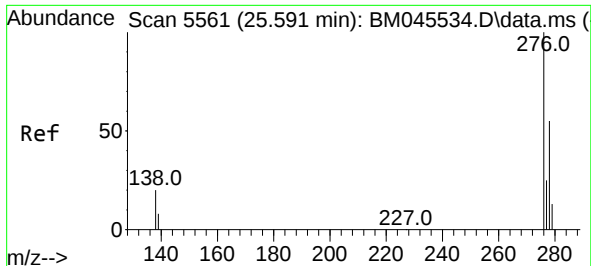
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.020 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

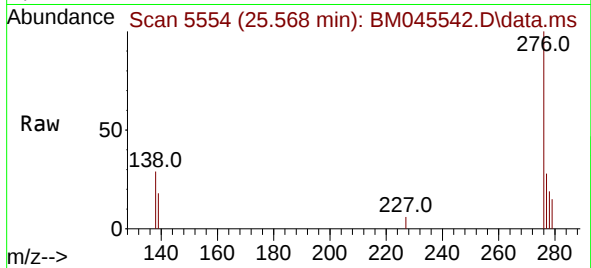
Tgt Ion:252 Resp: 4315
Ion Ratio Lower Upper
252 100
253 35.6 31.6 47.4
125 42.2 19.5 29.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.286 ng/ul
RT: 25.568 min Scan# 5554
Delta R.T. -0.003 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

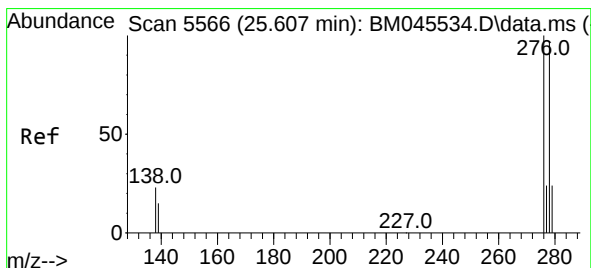
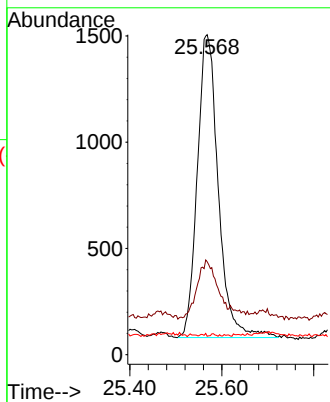
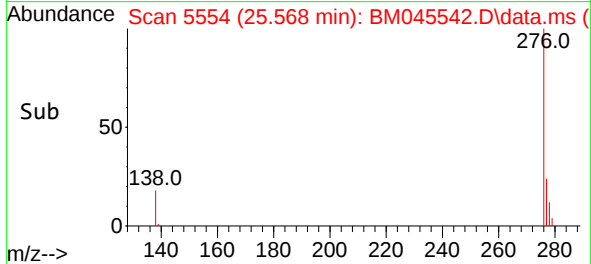
Instrument :
BNA_M
ClientSampleId :
C0AA0



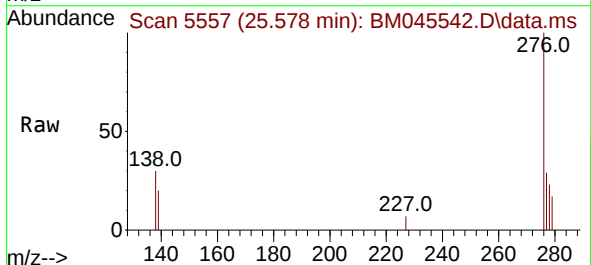
Tgt Ion:276 Resp: 451
Ion Ratio Lower Upper
276 100
138 21.0 19.8 29.6
227 0.2 0.2 0.2

Manual Integrations
APPROVED

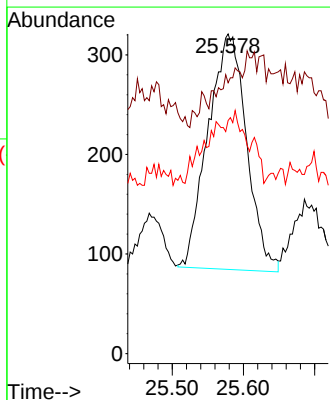
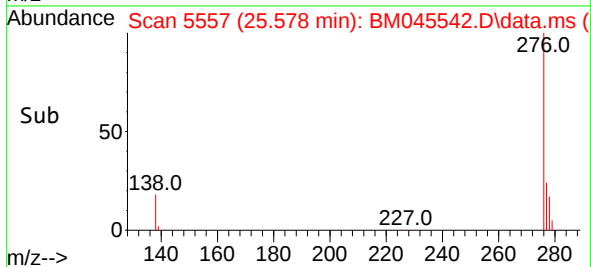
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

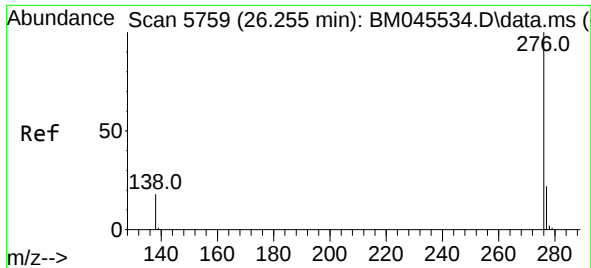


#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.578 min Scan# 5557
Delta R.T. -0.010 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25



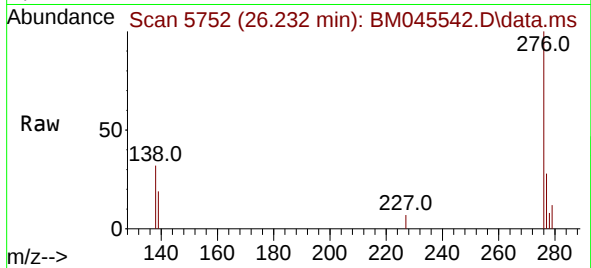
Tgt Ion:278 Resp: 890
Ion Ratio Lower Upper
278 100
139 84.7 19.0 28.6#
279 72.9 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 26.232 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM045542.D
Acq: 25 Apr 2024 00:25

Instrument :
BNA_M
ClientSampleId :
C0AA0



Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	20.8	31.2
277	28.0	21.8	32.8

Manual Integrations
APPROVED

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