

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045561.D
 Acq On : 25 Apr 2024 12:37
 Operator : MA/JU
 Sample : P2104-17DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 13:14:54 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	7.551	152	1017	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	2677	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.200	164	1275	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	2536	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2294	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	3501	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	965	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	160	0.045	ng/ul	0.01
18) Fluoranthene-d10	19.006	212	314	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.375	128	252	0.035	ng/ul#	51
7) 2-Methylnaphthalene	12.019	142	112	0.027	ng/ul	97
10) Acenaphthylene	13.918	152	606	0.096	ng/ul#	86
15) Phenanthrene	17.009	178	962	0.130	ng/ul#	92
16) Anthracene	17.102	178	549m	0.079	ng/ul	
19) Fluoranthene	19.038	202	1780	0.168	ng/ul	100
20) Pyrene	19.401	202	1563	0.144	ng/ul	95
21) Benzo(a)anthracene	21.173	228	1293	0.176	ng/ul#	84
22) Chrysene	21.222	228	1996	0.177	ng/ul#	93
24) Benzo(b)fluoranthene	22.716	252	4700m	0.399	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	1928m	0.130	ng/ul	
26) Benzo(a)pyrene	23.271	252	3447	0.282	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.558	276	4557	0.257	ng/ul	90
28) Dibenzo(a,h)anthracene	25.565	278	1230	0.087	ng/ul#	53
29) Benzo(g,h,i)perylene	26.222	276	4663	0.292	ng/ul	97

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

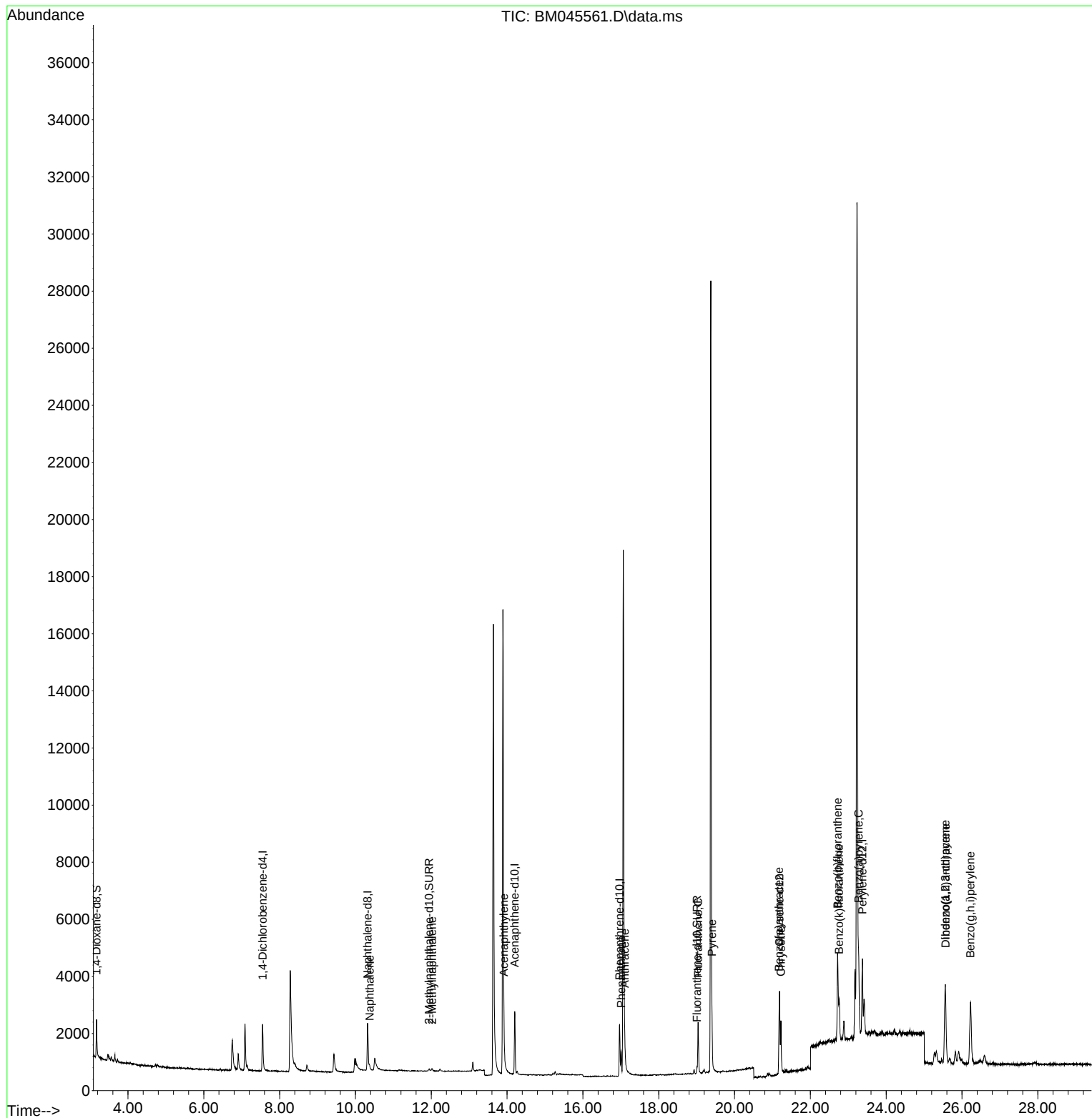
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045561.D
Acq On : 25 Apr 2024 12:37
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Sample : P2104-17DL 5X
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ALS Vial : 39 Sample Multiplier: 1

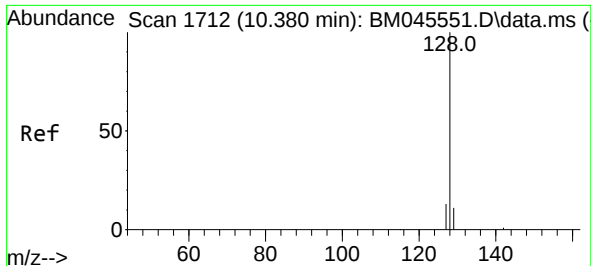
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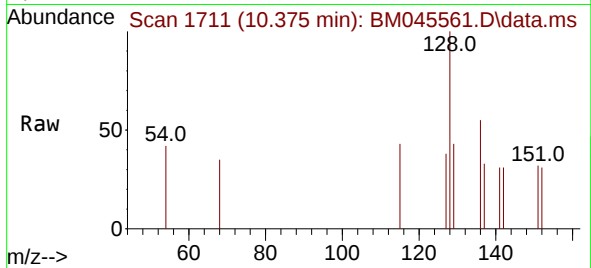
Quant Time: Apr 25 13:14:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/u1
RT: 10.375 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

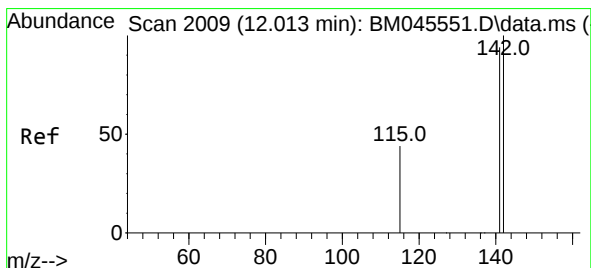
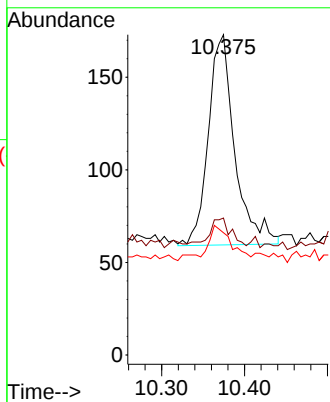
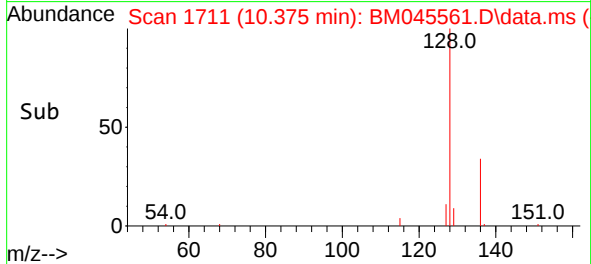
Instrument :
BNA_M
ClientSampleId :
C0AC9DL



Tgt Ion:128 Resp: 252
Ion Ratio Lower Upper
128 100
129 42.8 14.0 21.0
127 38.2 15.4 23.2

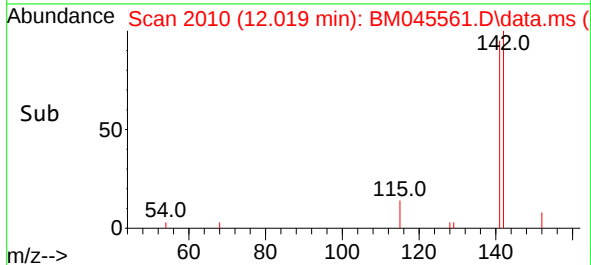
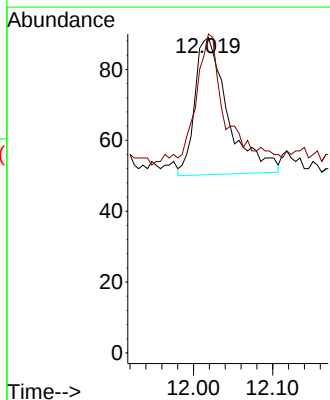
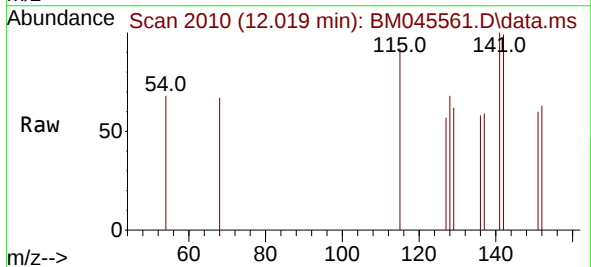
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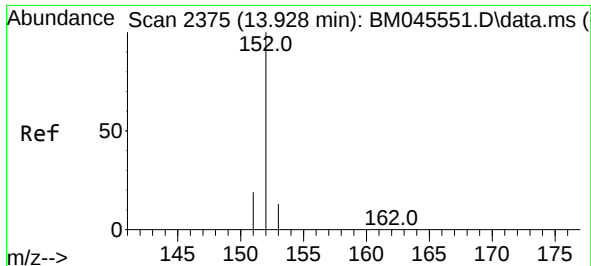
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.027 ng/u1
RT: 12.019 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

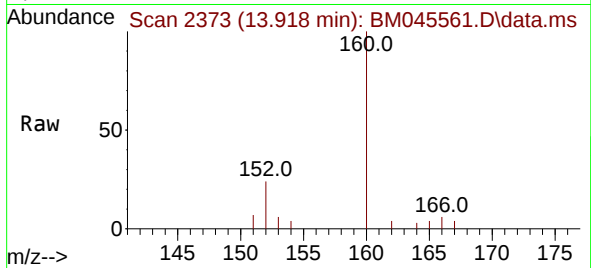
Tgt Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
141 90.2 74.6 111.8





#10
Acenaphthylene
Concen: 0.096 ng/u1
RT: 13.918 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

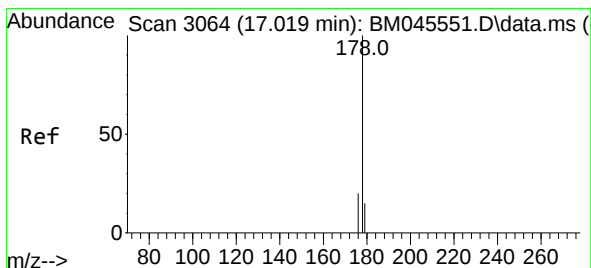
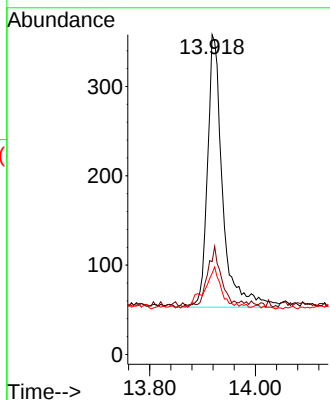
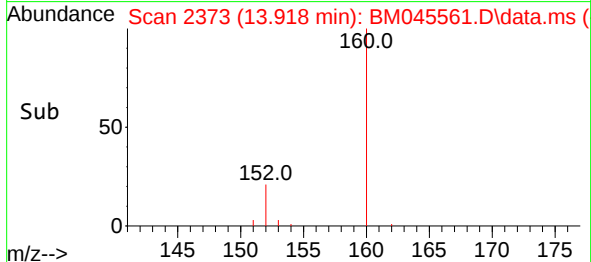
Instrument :
BNA_M
ClientSampleId :
C0AC9DL



Tgt Ion:152 Resp: 600
Ion Ratio Lower Upper
152 100
151 29.1 18.6 28.0
153 25.4 14.1 21.1

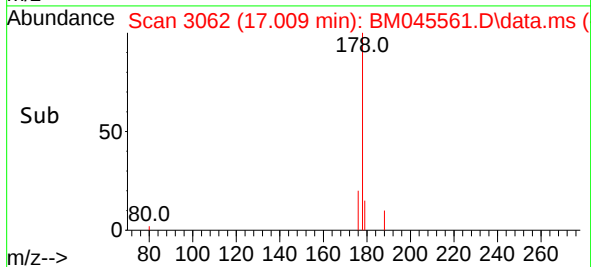
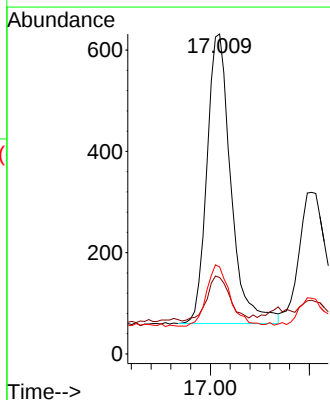
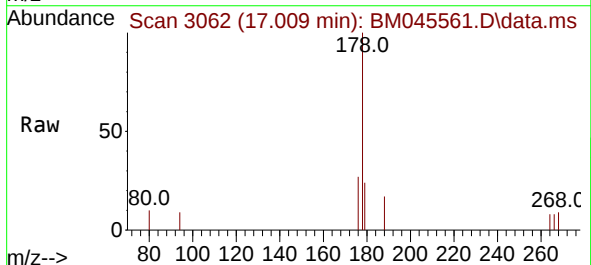
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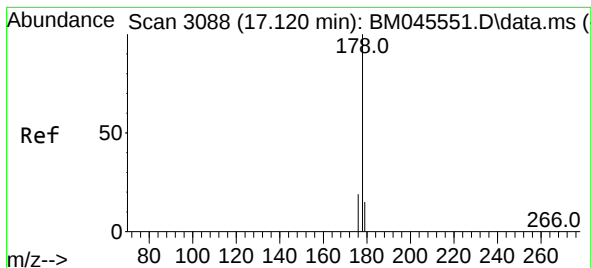
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.130 ng/u1
RT: 17.009 min Scan# 3062
Delta R.T. -0.012 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

Tgt Ion:178 Resp: 962
Ion Ratio Lower Upper
178 100
179 23.9 15.4 23.2
176 27.2 19.0 28.4





#16

Anthracene

Concen: 0.079 ng/ul m

RT: 17.102 min Scan# 3084

Delta R.T. -0.017 min

Lab File: BM045561.D

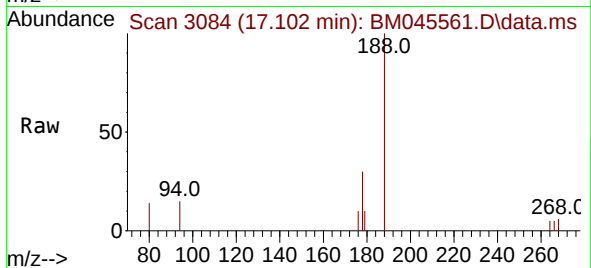
Acq: 25 Apr 2024 12:37

Instrument :

BNA_M

ClientSampleId :

C0AC9DL



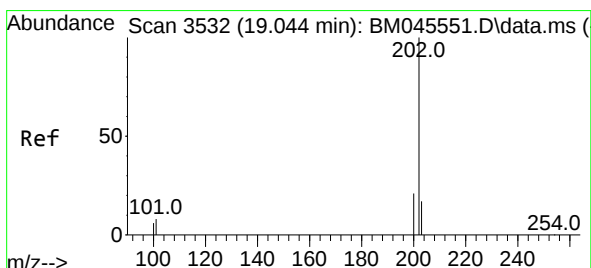
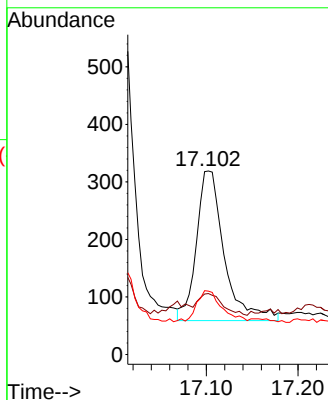
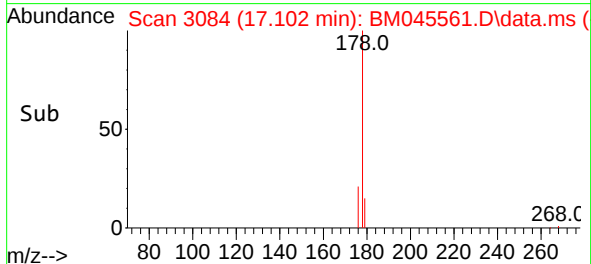
Tgt Ion:	178	Resp:	549
Ion Ratio	Lower	Upper	
178	100		
179	33.2	17.8	26.6
176	34.5	18.7	28.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#19

Fluoranthene

Concen: 0.168 ng/ul

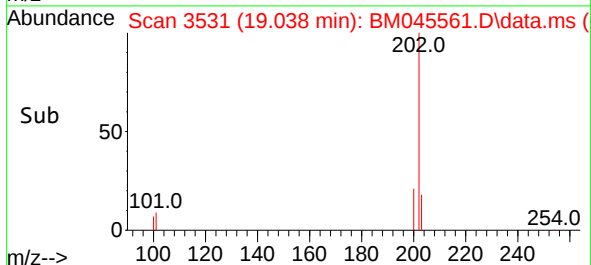
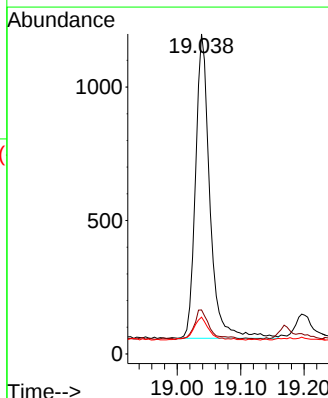
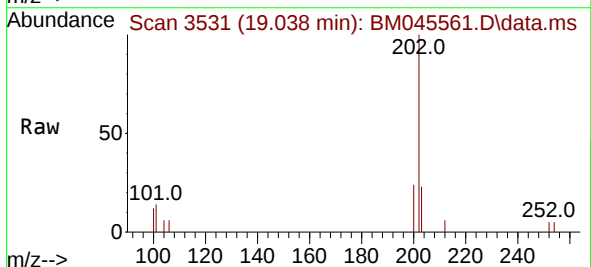
RT: 19.038 min Scan# 3531

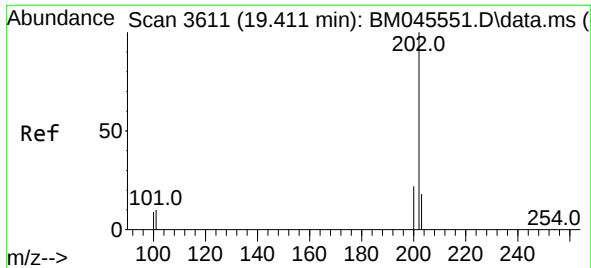
Delta R.T. -0.009 min

Lab File: BM045561.D

Acq: 25 Apr 2024 12:37

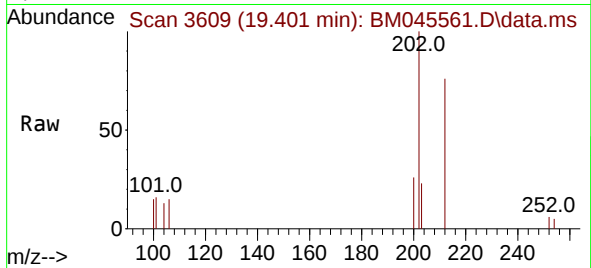
Tgt Ion:	202	Resp:	1780
Ion Ratio	Lower	Upper	
202	100		
101	13.8	11.2	16.8
100	11.5	9.1	13.7





#20
Pyrene
Concen: 0.144 ng/ul
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

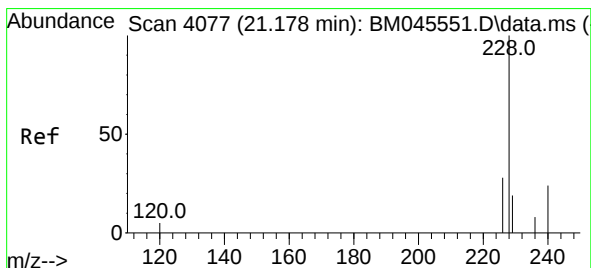
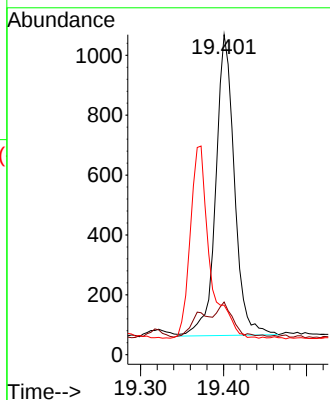
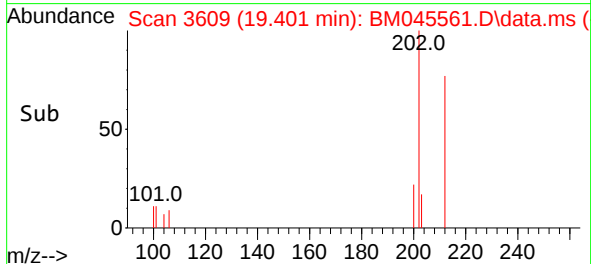
Instrument :
BNA_M
ClientSampleId :
C0AC9DL



Tgt Ion:202 Resp: 156
Ion Ratio Lower Upper
202 100
101 16.5 11.5 17.3
100 15.4 10.6 15.8

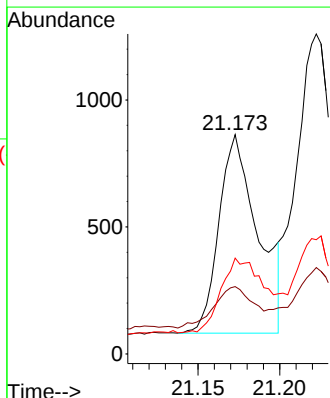
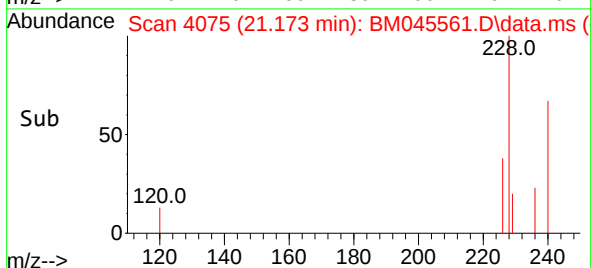
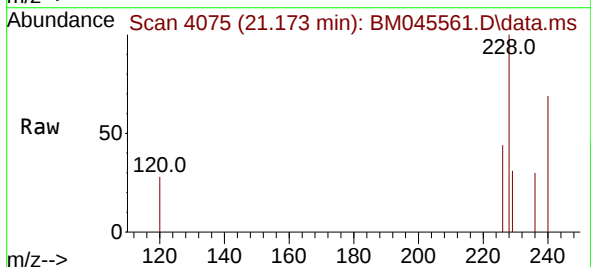
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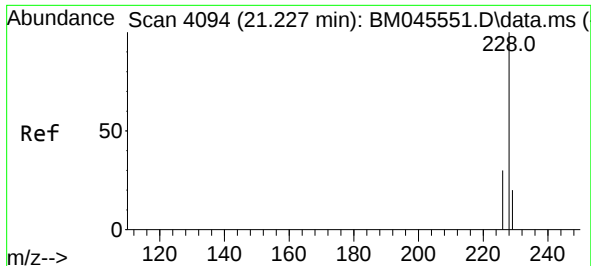
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.176 ng/ul
RT: 21.173 min Scan# 4075
Delta R.T. -0.009 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

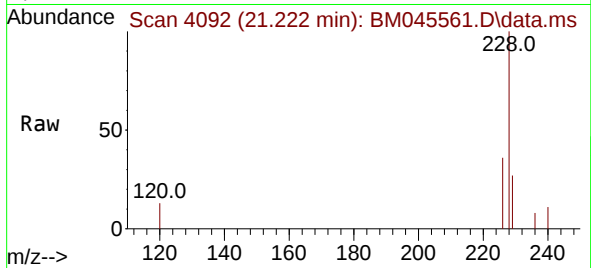
Tgt Ion:228 Resp: 1293
Ion Ratio Lower Upper
228 100
229 30.7 19.4 29.2#
226 43.6 26.3 39.5#





#22
Chrysene
Concen: 0.177 ng/ul
RT: 21.222 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

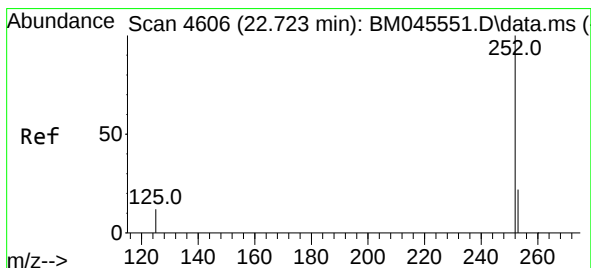
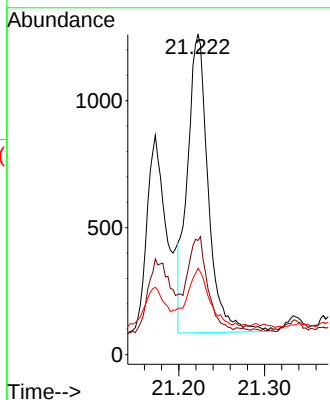
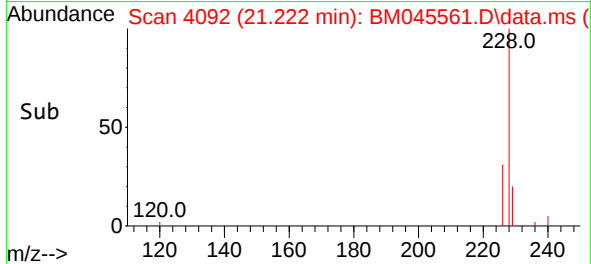
Instrument :
BNA_M
ClientSampleId :
C0AC9DL



Tgt Ion:228 Resp: 1990
Ion Ratio Lower Upper
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226 35.7 26.3 39.5
229 27.0 17.8 26.8

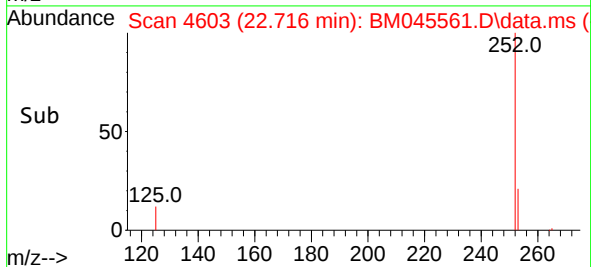
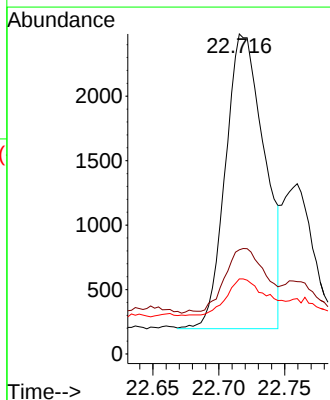
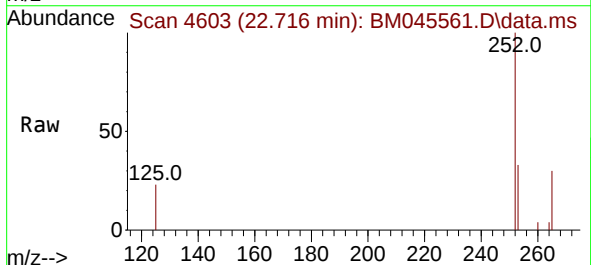
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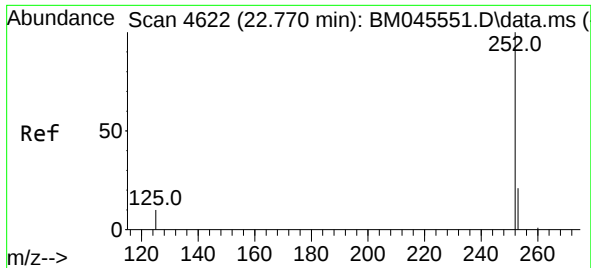
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul m
RT: 22.716 min Scan# 4603
Delta R.T. -0.014 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

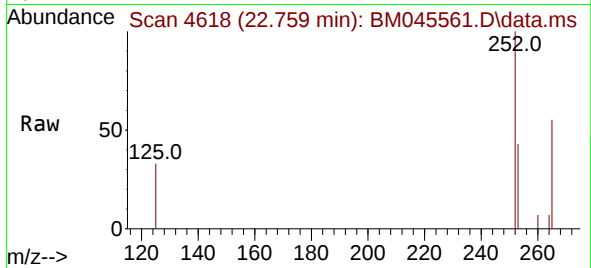
Tgt Ion:252 Resp: 4700
Ion Ratio Lower Upper
252 100
253 32.5 0.0 63.4
125 23.5 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

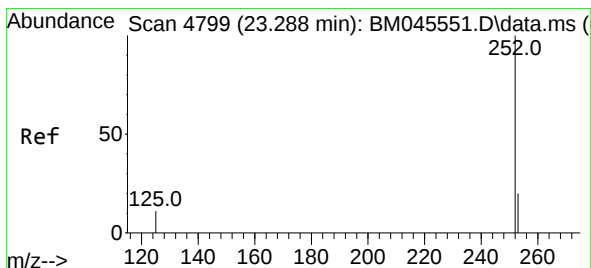
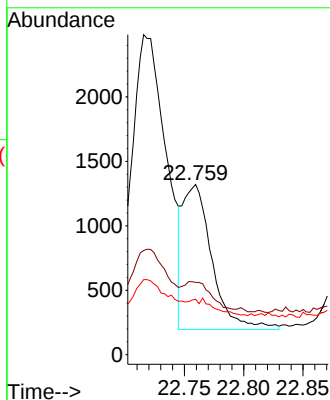
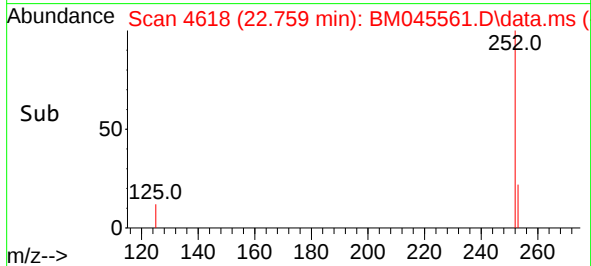
Instrument :
BNA_M
ClientSampleId :
C0AC9DL



Tgt Ion:252 Resp: 1928
Ion Ratio Lower Upper
252 100
253 42.5 25.4 38.0
125 32.6 14.8 22.2

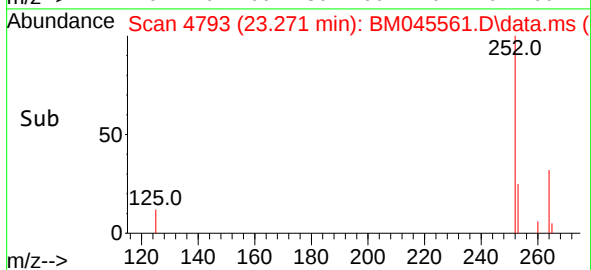
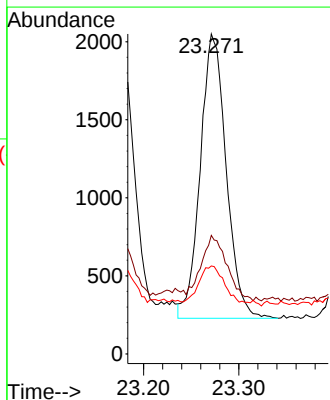
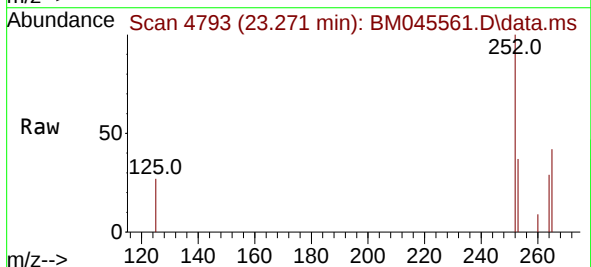
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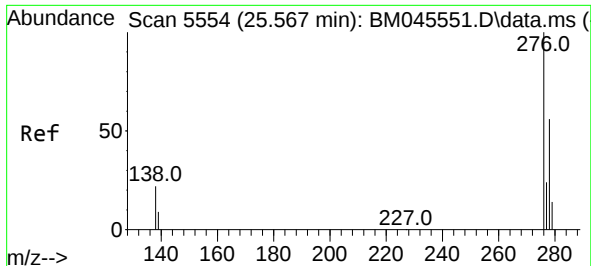
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.282 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.020 min
Lab File: BM045561.D
Acq: 25 Apr 2024 12:37

Tgt Ion:252 Resp: 3447
Ion Ratio Lower Upper
252 100
253 37.0 31.6 47.4
125 27.5 19.5 29.3





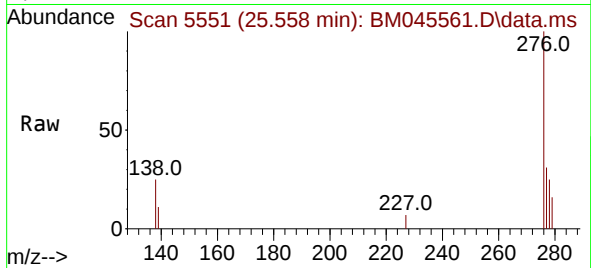
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 Indeno(1,2,3-cd)pyrene
 Concen: 0.257 ng/ul
 RT: 25.558 min Scan# 5551
 Delta R.T. -0.013 min
 Lab File: BM045561.D
 Acq: 25 Apr 2024 12:37

Instrument :

BNA_M

ClientSampleId :

C0AC9DL



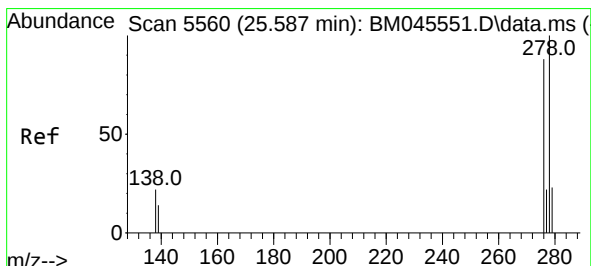
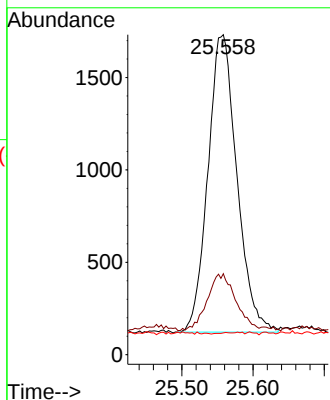
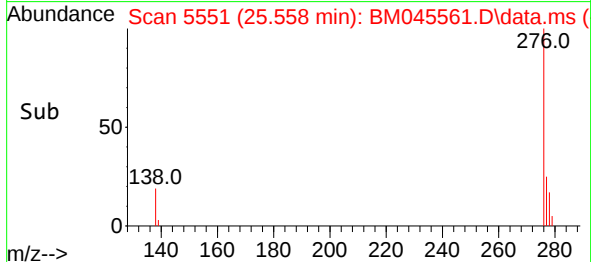
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 Ion Ratio Lower Upper
 276 100
 138 19.8 19.8 29.6
 227 0.2 0.2 0.2

Manual Integrations

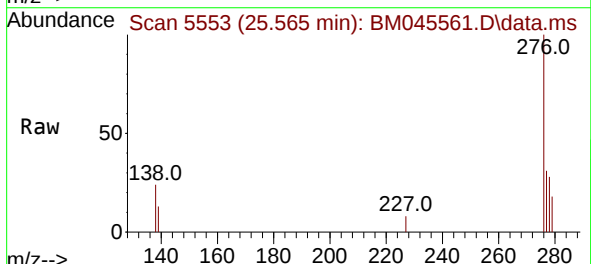
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

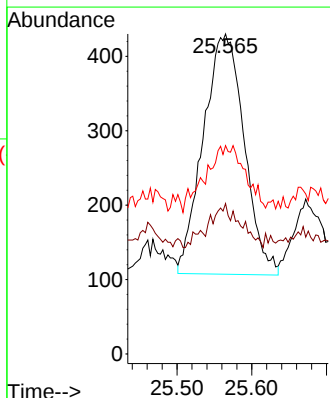
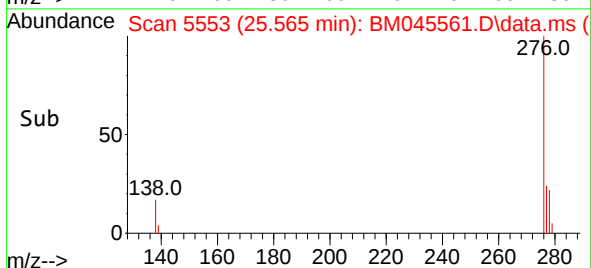
Supervised By :mohammad ahmed 04/27/2024

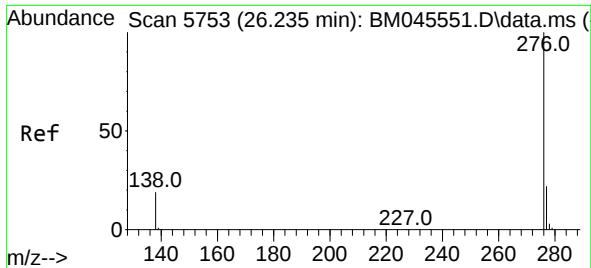


#28
 Dibenzo(a,h)anthracene
 Concen: 0.087 ng/ul
 RT: 25.565 min Scan# 5553
 Delta R.T. -0.023 min
 Lab File: BM045561.D
 Acq: 25 Apr 2024 12:37



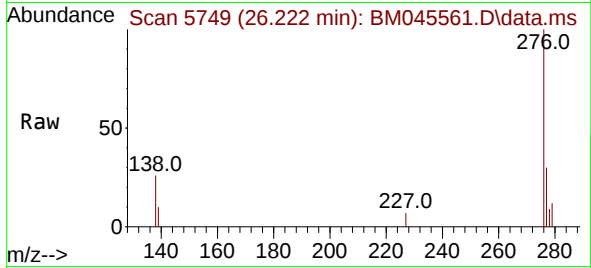
Tgt Ion:278 Resp: 1230
 Ion Ratio Lower Upper
 278 100
 139 47.0 19.0 28.6#
 279 65.1 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM045551.D
Acq: 25 Apr 2024 12:37

Instrument :
BNA_M
ClientSampleId :
C0AC9DL



Tgt Ion:276 Resp: 466
Ion Ratio Lower Upper
276 100
138 25.6 20.8 31.2
277 30.4 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

