

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045628.D
 Acq On : 29 Apr 2024 20:50
 Operator : MA/JU
 Sample : P2105-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 01:18:47 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 : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	988	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2818	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1439	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.955	188	2500m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.182	240	2017	0.400	ng/ul	-0.01
23) Perylene-d12	23.365	264	2560m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4252	3.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	918	0.247	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1384	0.218	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.353	128	353	0.047	ng/ul#	64
7) 2-Methylnaphthalene	11.997	142	957	0.221	ng/ul	96
8) 1-Methylnaphthalene	12.211	142	534	0.110	ng/ul	90
12) Fluorene	15.260	166	319	0.057	ng/ul#	87
15) Phenanthrene	16.997	178	3131	0.430	ng/ul	98
19) Fluoranthene	19.034	202	777	0.083	ng/ul#	87
20) Pyrene	19.392	202	829m	0.087	ng/ul	
21) Benzo(a)anthracene	21.196	228	840m	0.130	ng/ul	
22) Chrysene	21.220	228	712	0.072	ng/ul#	82
24) Benzo(b)fluoranthene	22.707	252	1164	0.135	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.572	276	442	0.034	ng/ul#	53
29) Benzo(g,h,i)perylene	26.239	276	672	0.058	ng/ul#	60

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

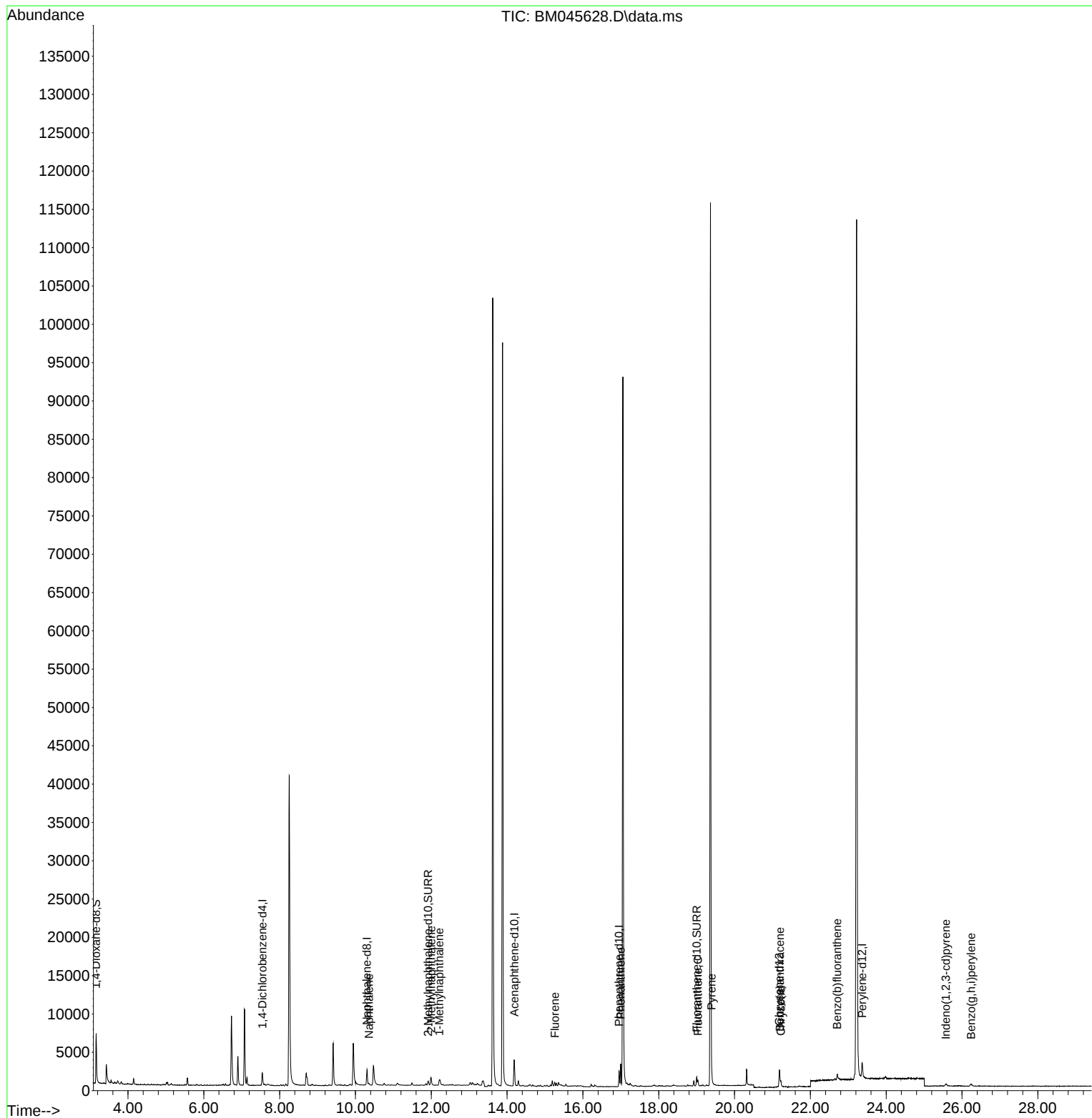
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045628.D
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Sample : P2105-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

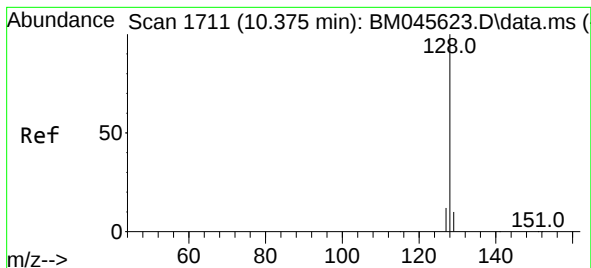
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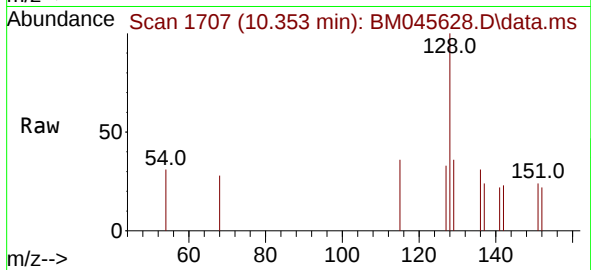
Quant Time: Apr 30 01:18:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 01:16:44 2024
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#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.353 min Scan# 1711
Delta R.T. -0.022 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

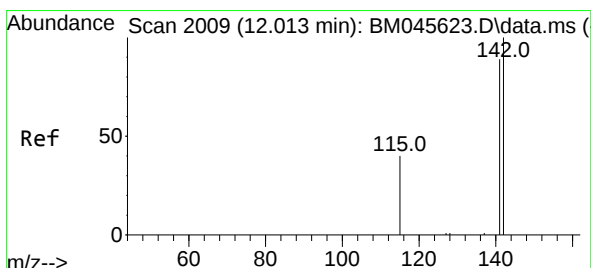
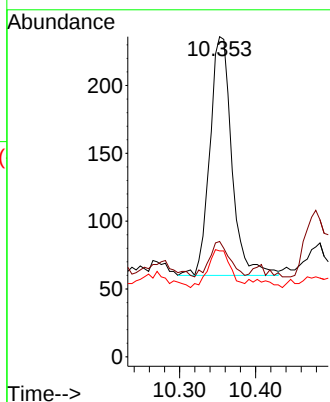
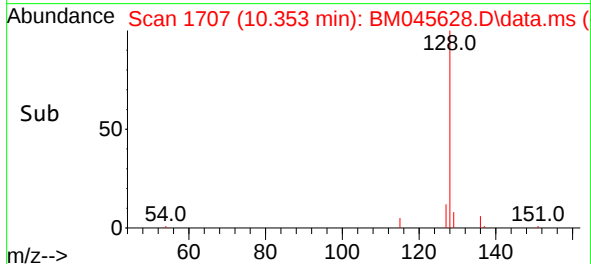
Instrument :
BNA_M
ClientSampleId :
C0AB2



Tgt Ion:128 Resp: 353
Ion Ratio Lower Upper
128 100
129 36.0 14.0 21.0
127 33.1 15.4 23.2

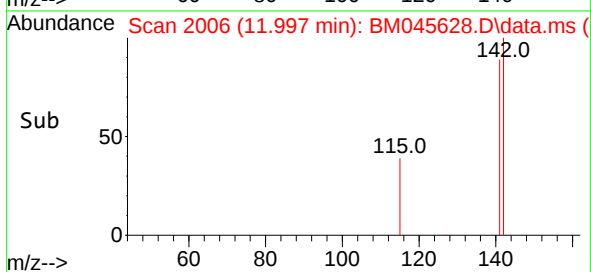
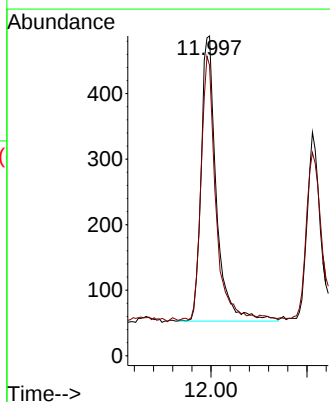
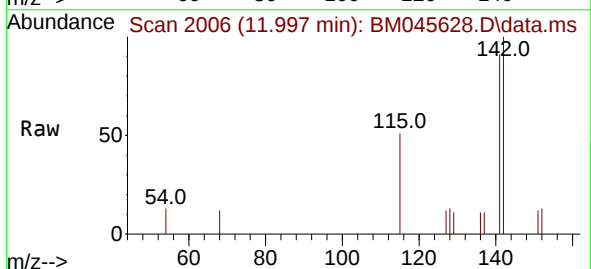
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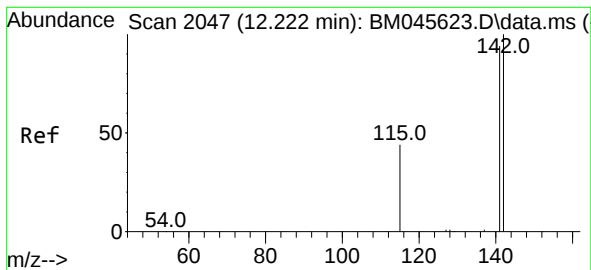
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#7
2-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

Tgt Ion:142 Resp: 957
Ion Ratio Lower Upper
142 100
141 89.4 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.110 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045628.D

Acq: 29 Apr 2024 20:50

Instrument :

BNA_M

ClientSampleId :

C0AB2

Tgt Ion:142 Resp: 534

Ion Ratio Lower Upper

142 100

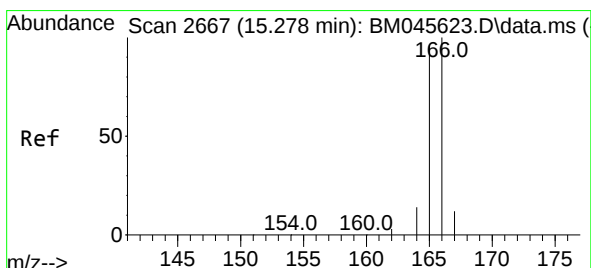
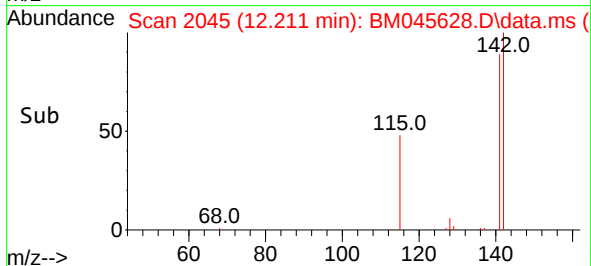
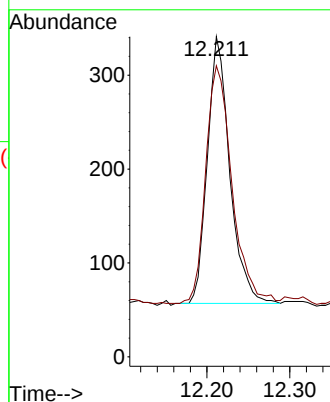
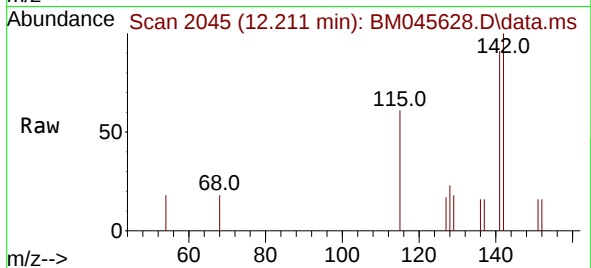
141 104.7 76.1 114.1

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#12

Fluorene

Concen: 0.057 ng/ul

RT: 15.260 min Scan# 2663

Delta R.T. -0.019 min

Lab File: BM045628.D

Acq: 29 Apr 2024 20:50

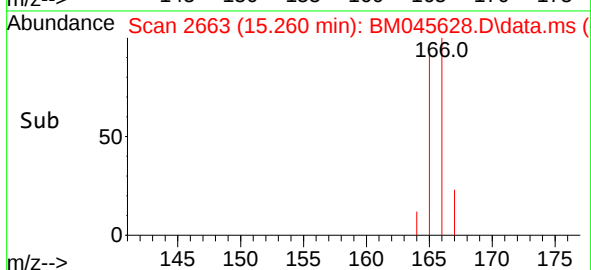
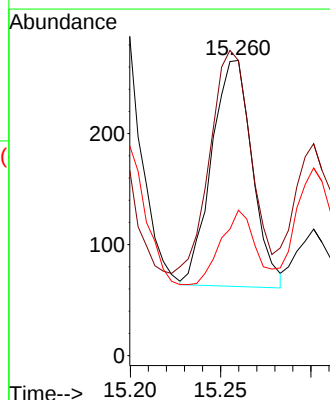
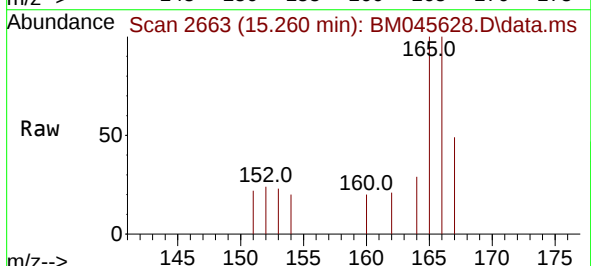
Tgt Ion:166 Resp: 319

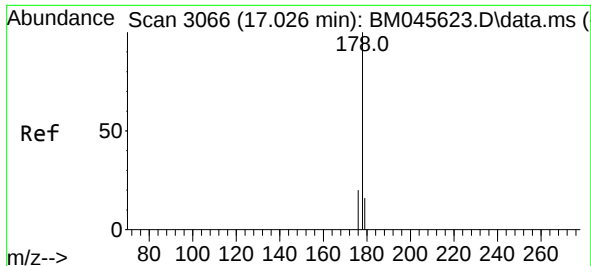
Ion Ratio Lower Upper

166 100

165 100.0 82.2 123.2

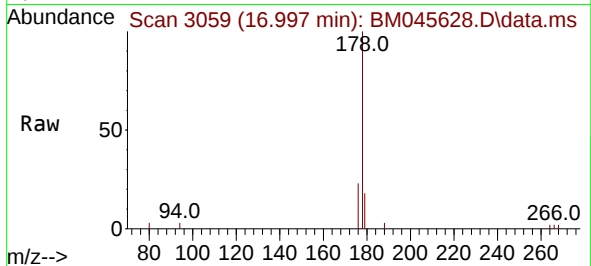
167 49.2 14.8 22.2#





#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 16.997 min Scan# 3066
Delta R.T. -0.030 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

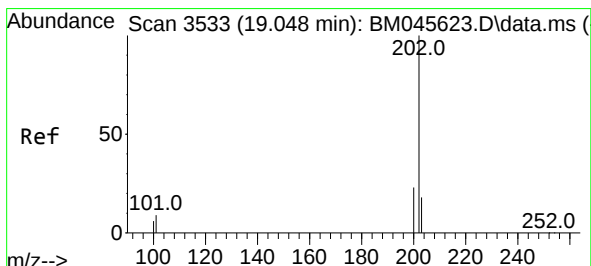
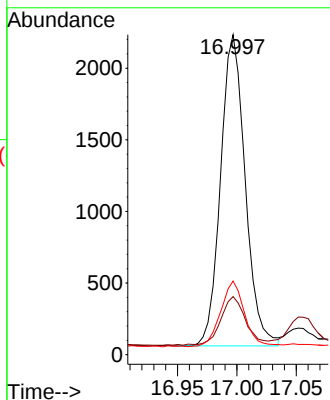
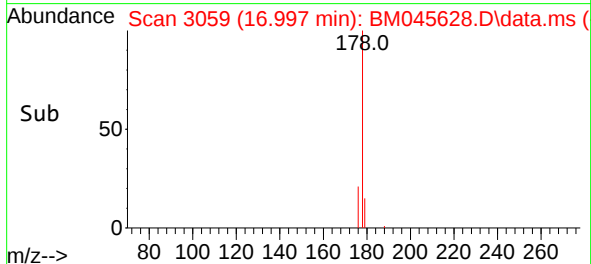
Instrument :
BNA_M
ClientSampleId :
C0AB2



Tgt Ion:178 Resp: 313
Ion Ratio Lower Upper
178 100
179 18.2 15.4 23.2
176 23.0 19.0 28.4

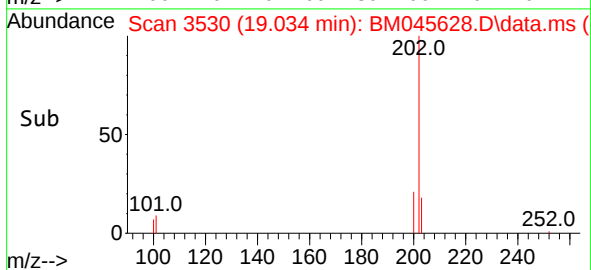
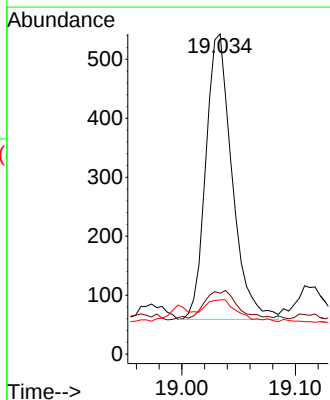
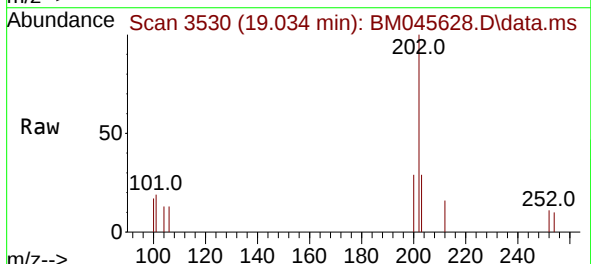
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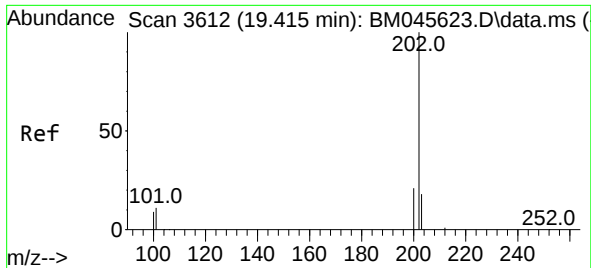
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#19
Fluoranthene
Concen: 0.083 ng/ul
RT: 19.034 min Scan# 3530
Delta R.T. -0.014 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

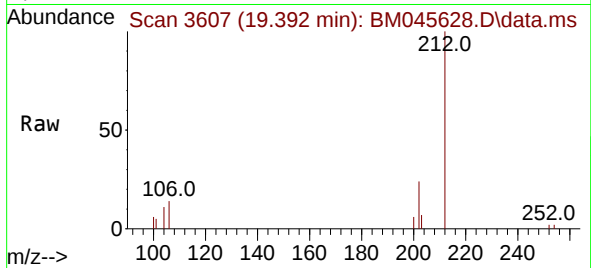
Tgt Ion:202 Resp: 777
Ion Ratio Lower Upper
202 100
101 19.0 11.2 16.8#
100 16.9 9.1 13.7#





#20
Pyrene
Concen: 0.087 ng/ul m
RT: 19.392 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

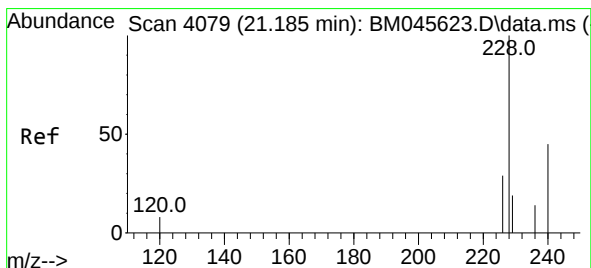
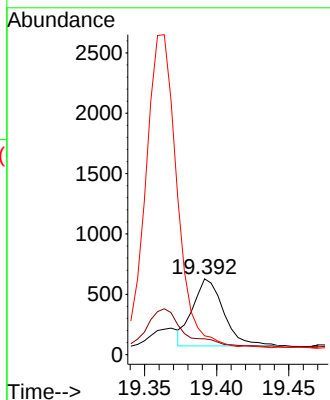
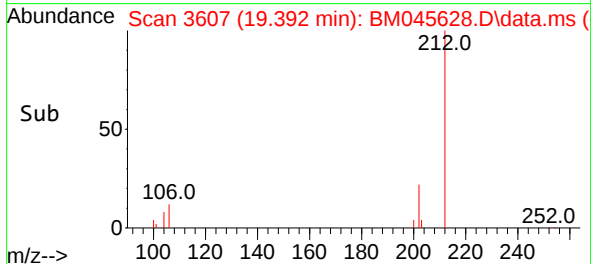
Instrument :
BNA_M
ClientSampleId :
C0AB2



Tgt Ion:202 Resp: 829
Ion Ratio Lower Upper
202 100
101 20.9 11.5 17.3#
100 24.8 10.6 15.8#

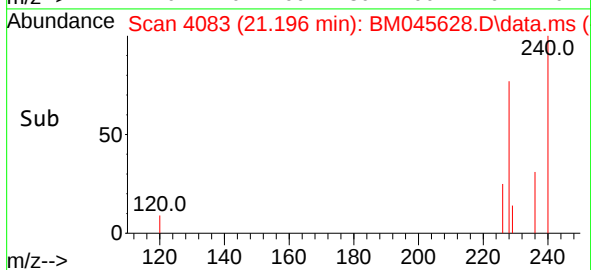
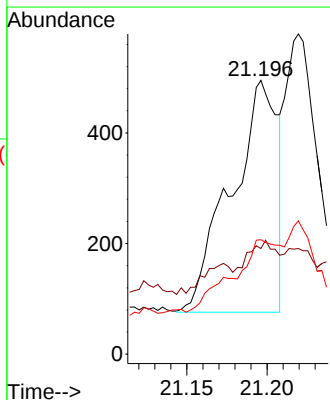
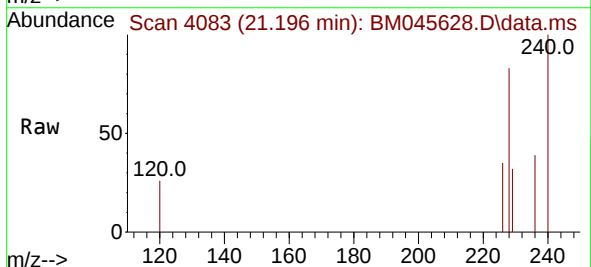
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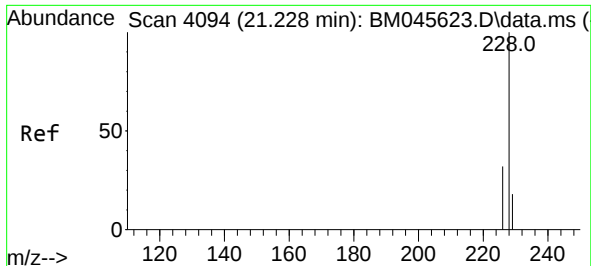
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#21
Benzo(a)anthracene
Concen: 0.130 ng/ul m
RT: 21.196 min Scan# 4083
Delta R.T. 0.012 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

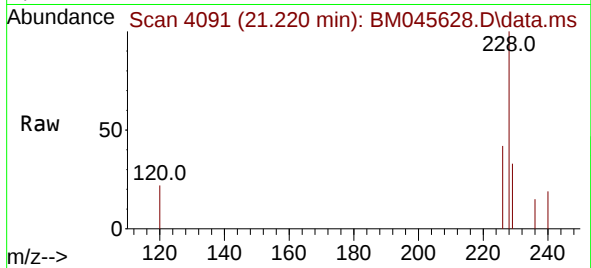
Tgt Ion:228 Resp: 840
Ion Ratio Lower Upper
228 100
229 38.6 19.4 29.2#
226 41.8 26.3 39.5#





#22
Chrysene
Concen: 0.072 ng/u1
RT: 21.220 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

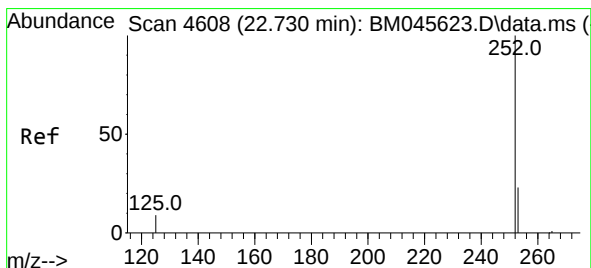
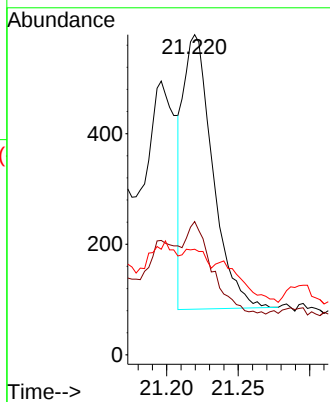
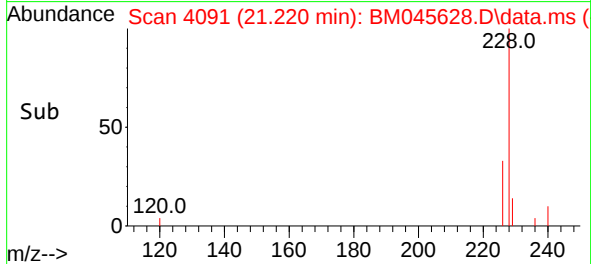
Instrument :
BNA_M
ClientSampleId :
C0AB2



Tgt Ion:228 Resp: 712
Ion Ratio Lower Upper
228 100
226 41.6 26.3 39.5
229 33.0 17.8 26.8

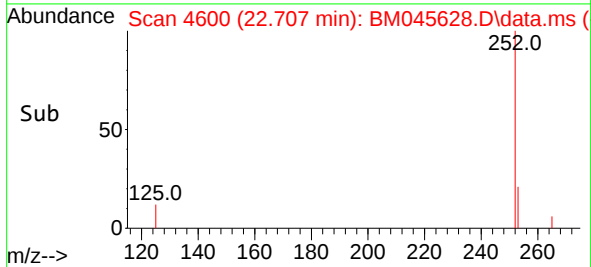
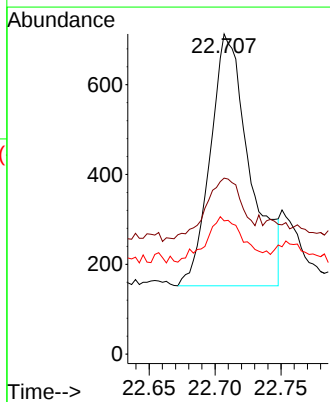
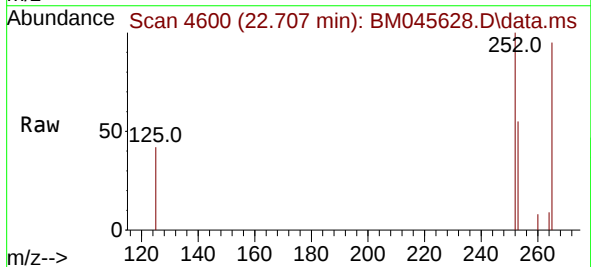
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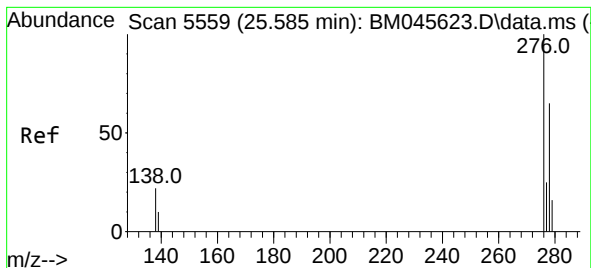
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#24
Benzo(b)fluoranthene
Concen: 0.135 ng/u1
RT: 22.707 min Scan# 4600
Delta R.T. -0.023 min
Lab File: BM045628.D
Acq: 29 Apr 2024 20:50

Tgt Ion:252 Resp: 1164
Ion Ratio Lower Upper
252 100
253 55.0 0.0 63.4
125 41.7 0.0 36.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.034 ng/ul

RT: 25.572 min Scan# 51

Delta R.T. -0.013 min

Lab File: BM045628.D

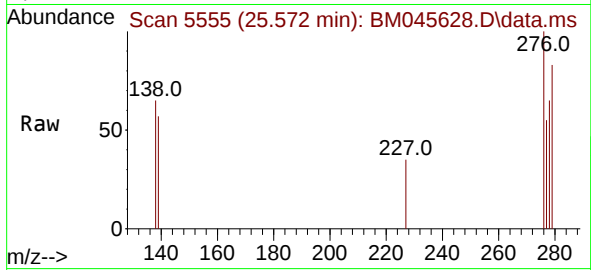
Acq: 29 Apr 2024 20:50

Instrument :

BNA_M

ClientSampleId :

C0AB2



Tgt Ion:276 Resp: 44

Ion Ratio Lower Upper

276 100

138 1.1 19.8 29.6

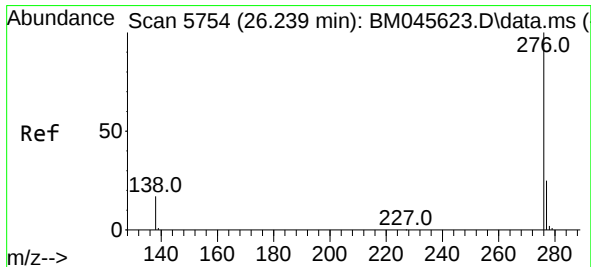
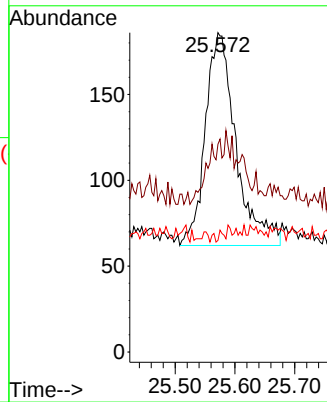
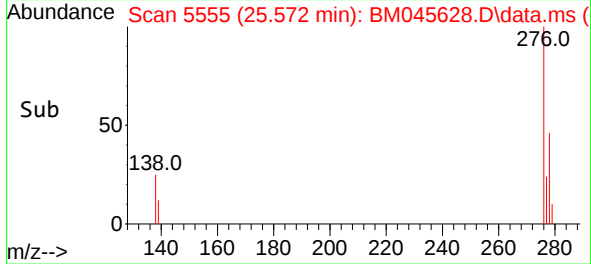
227 0.9 0.2 0.2

Manual Integrations

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Supervised By :mohammad ahmed 05/02/2024



#29

Benzo(g,h,i)perylene

Concen: 0.058 ng/ul

RT: 26.239 min Scan# 5754

Delta R.T. -0.000 min

Lab File: BM045628.D

Acq: 29 Apr 2024 20:50

Tgt Ion:276 Resp: 672

Ion Ratio Lower Upper

276 100

138 48.5 20.8 31.2#

277 46.6 21.8 32.8#

