

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045588.D
 Acq On : 26 Apr 2024 13:16
 Operator : MA/JU
 Sample : P2104-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 13:44:41 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	1192	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	3328	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1543	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.967	188	2697	0.400	ng/ul	-0.01
17) Chrysene-d12	21.181	240	2380	0.400	ng/ul	#-0.01
23) Perylene-d12	23.370	264	3439	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4406	2.758	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.925	152	1646	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2525	0.337	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.918	152	3181	0.418	ng/ul	99
11) Acenaphthene	14.260	153	230	0.041	ng/ul#	85
12) Fluorene	15.264	166	1217	0.201	ng/ul#	97
15) Phenanthrene	17.009	178	1784m	0.227	ng/ul	
16) Anthracene	17.102	178	3773	0.513	ng/ul	95
19) Fluoranthene	19.034	202	3304	0.301	ng/ul	96
20) Pyrene	19.405	202	833	0.074	ng/ul#	82
21) Benzo(a)anthracene	21.167	228	2038	0.268	ng/ul#	56
22) Chrysene	21.219	228	1143	0.098	ng/ul#	56
24) Benzo(b)fluoranthene	22.718	252	2096	0.181	ng/ul#	1
25) Benzo(k)fluoranthene	22.759	252	1166	0.080	ng/ul#	1
26) Benzo(a)pyrene	23.274	252	594	0.050	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.551	276	815	0.047	ng/ul#	89
29) Benzo(g,h,i)perylene	26.205	276	596	0.038	ng/ul#	1

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

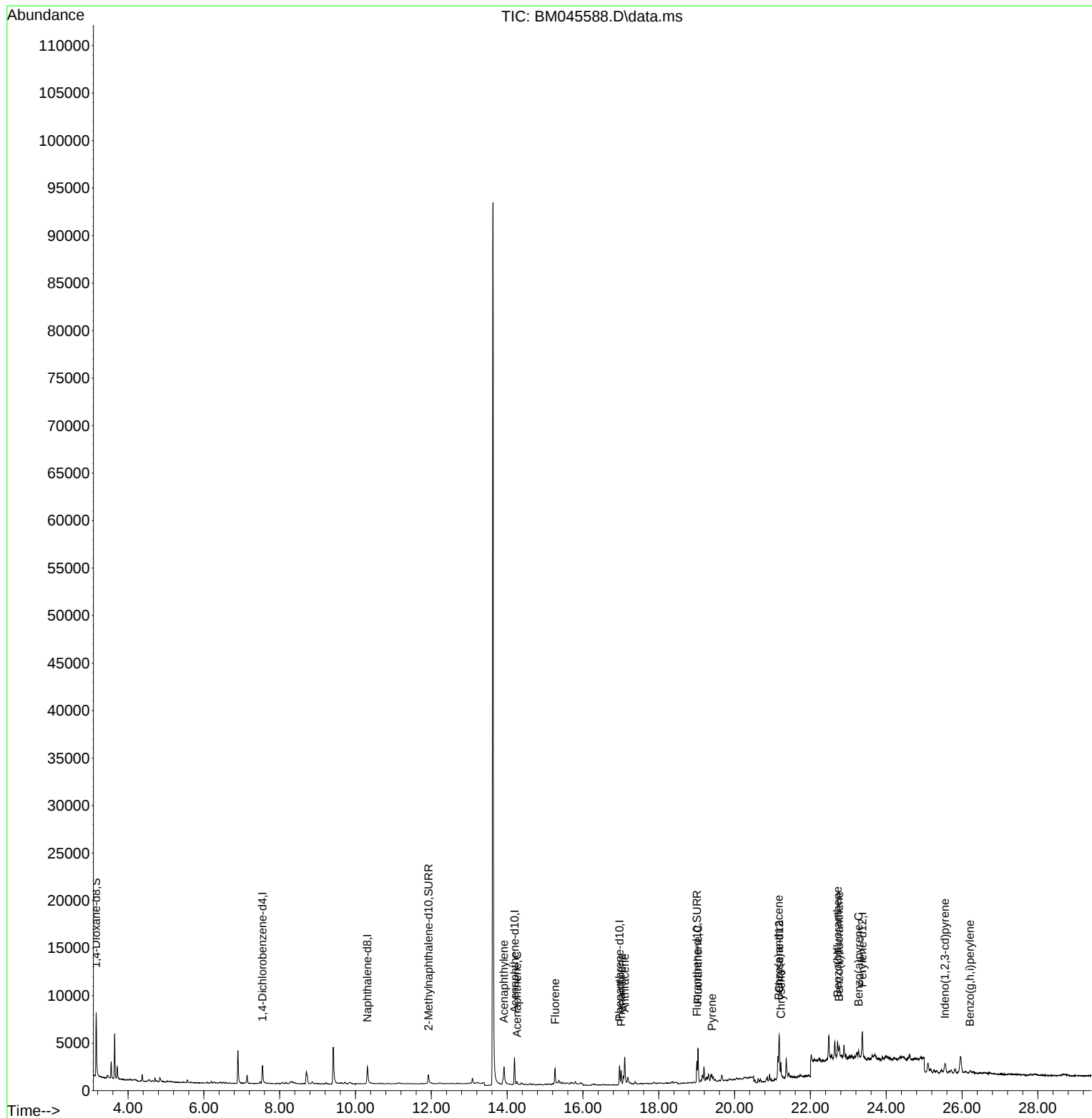
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045588.D
Acq On : 26 Apr 2024 13:16
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

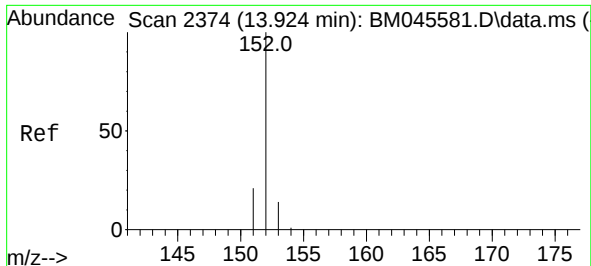
Instrument :
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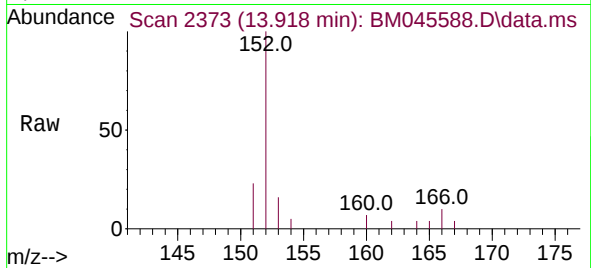
Quant Time: Apr 26 13:44:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.918 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

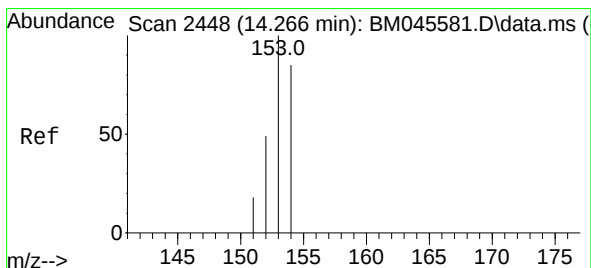
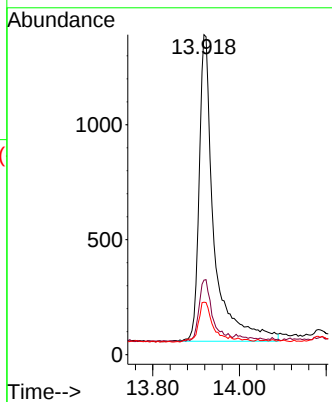
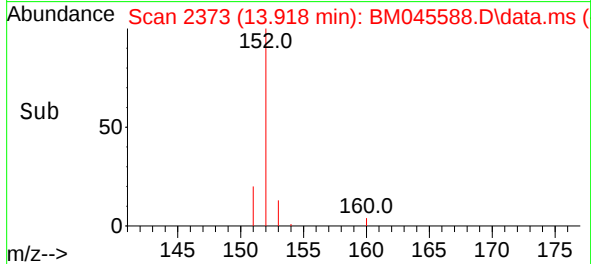
Instrument :
BNA_M
ClientSampleId :
C0AA7



Tgt Ion:152 Resp: 318
Ion Ratio Lower Upper
152 100
151 23.3 18.6 28.0
153 16.4 14.1 21.1

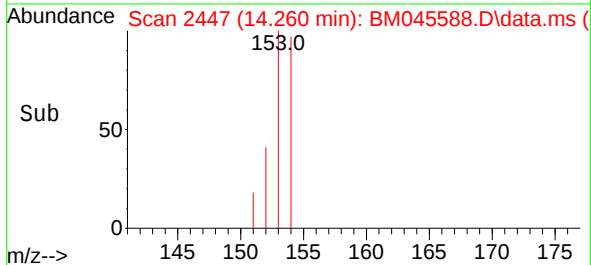
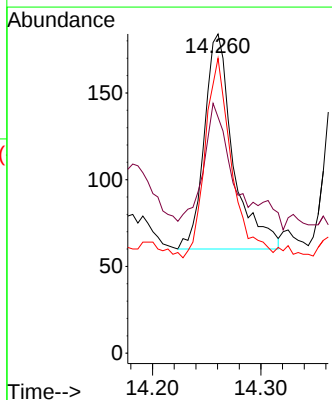
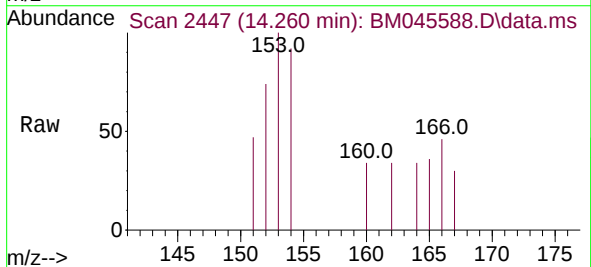
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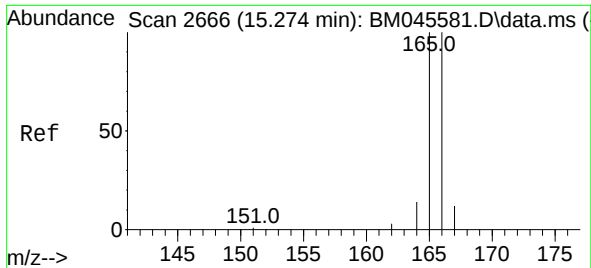
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

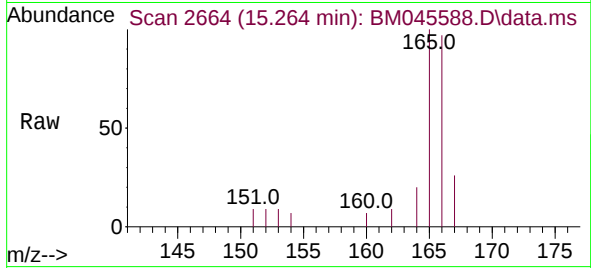
Tgt Ion:153 Resp: 230
Ion Ratio Lower Upper
153 100
152 73.9 43.4 65.2#
154 92.4 69.0 103.6





#12
Fluorene
Concen: 0.201 ng/ul
RT: 15.264 min Scan# 2064
Delta R.T. -0.014 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

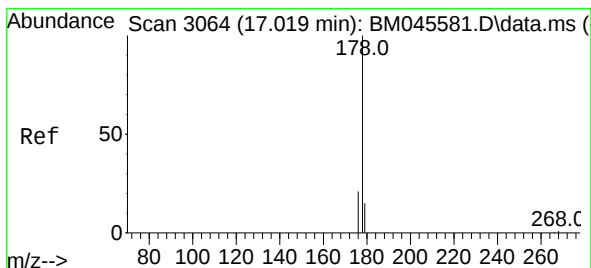
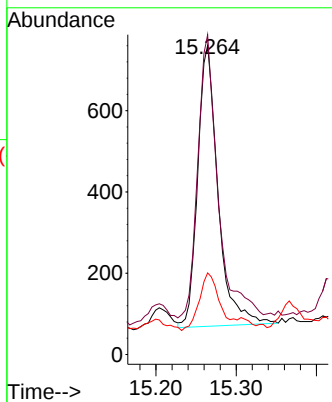
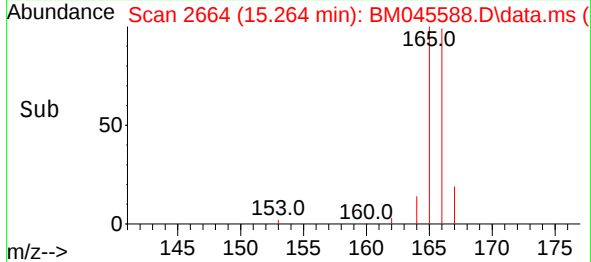
Instrument :
BNA_M
ClientSampleId :
C0AA7



Tgt Ion:166 Resp: 121
Ion Ratio Lower Upper
166 100
165 103.4 82.2 123.2
167 26.4 14.8 22.2

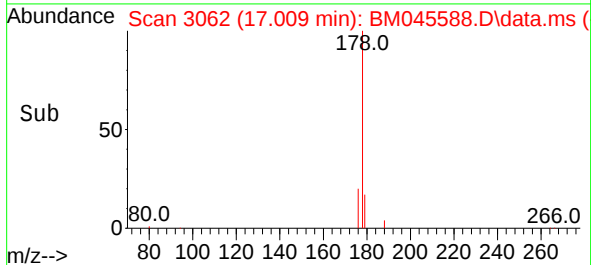
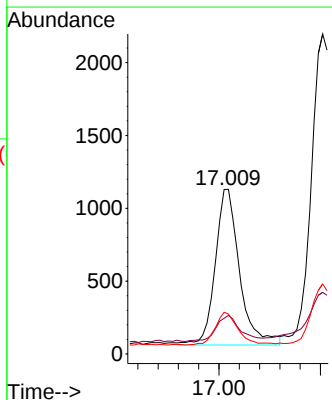
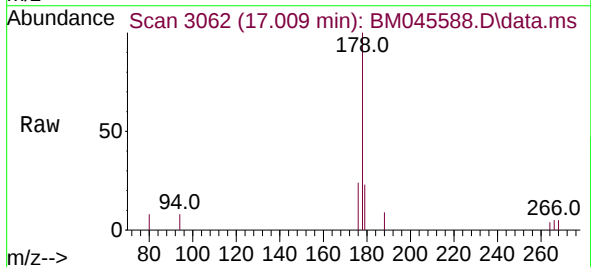
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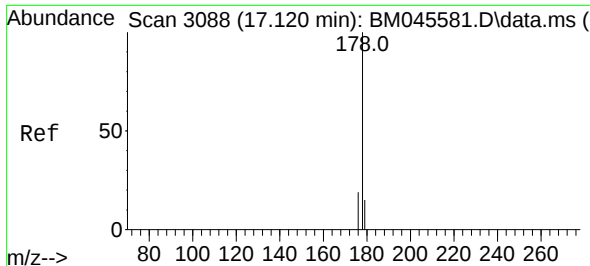
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.227 ng/ul m
RT: 17.009 min Scan# 3062
Delta R.T. -0.013 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

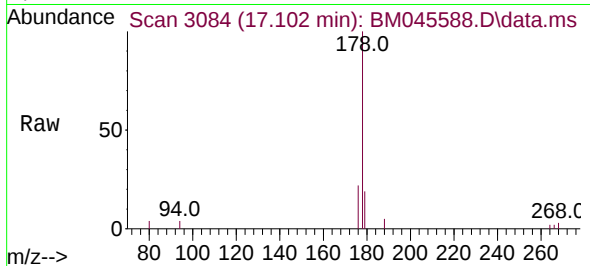
Tgt Ion:178 Resp: 1784
Ion Ratio Lower Upper
178 100
179 23.5 15.4 23.2#
176 24.2 19.0 28.4





#16
 Anthracene
 Concen: 0.513 ng/ul
 RT: 17.102 min Scan# 3084
 Delta R.T. -0.017 min
 Lab File: BM045588.D
 Acq: 26 Apr 2024 13:16

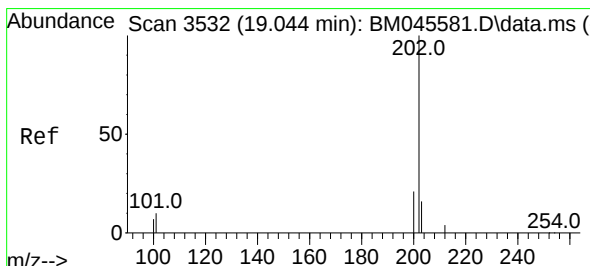
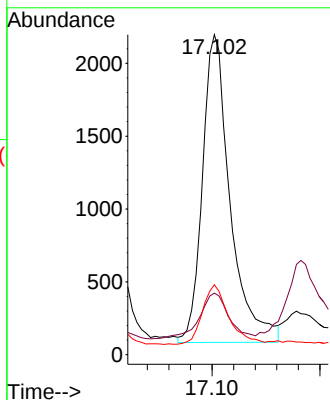
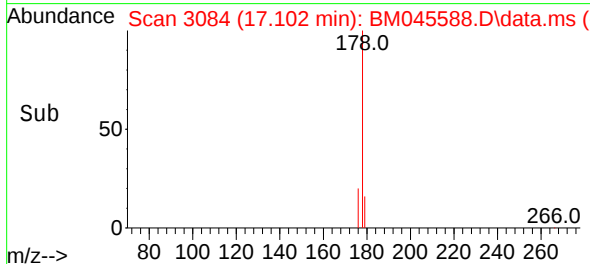
Instrument :
 BNA_M
 ClientSampleId :
 C0AA7



Tgt Ion:178 Resp: 3773
 Ion Ratio Lower Upper
 178 100
 179 19.3 17.8 26.6
 176 21.8 18.7 28.1

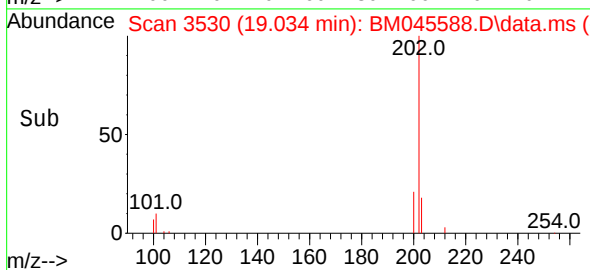
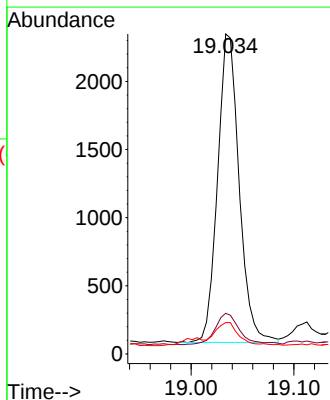
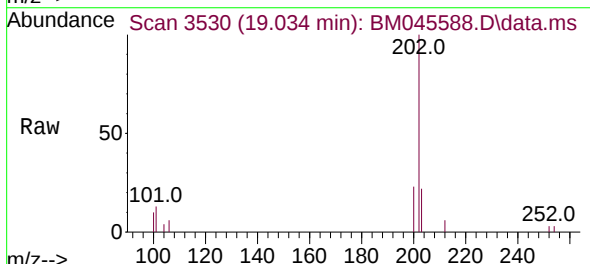
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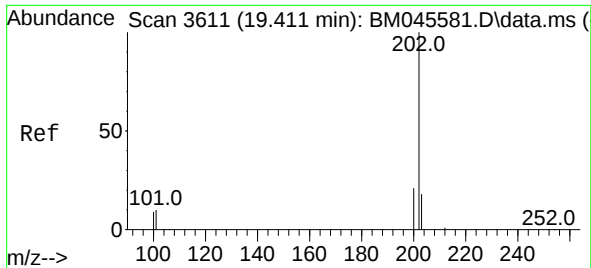
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#19
 Fluoranthene
 Concen: 0.301 ng/ul
 RT: 19.034 min Scan# 3530
 Delta R.T. -0.014 min
 Lab File: BM045588.D
 Acq: 26 Apr 2024 13:16

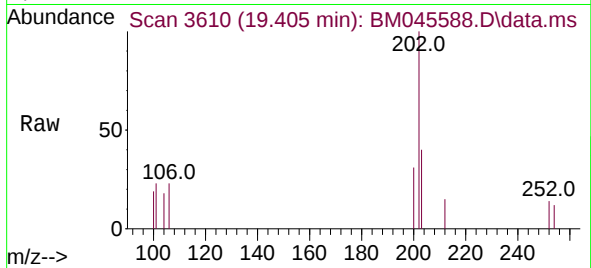
Tgt Ion:202 Resp: 3304
 Ion Ratio Lower Upper
 202 100
 101 12.7 11.2 16.8
 100 9.8 9.1 13.7





#20
Pyrene
Concen: 0.074 ng/ul
RT: 19.405 min Scan# 3610
Delta R.T. -0.009 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

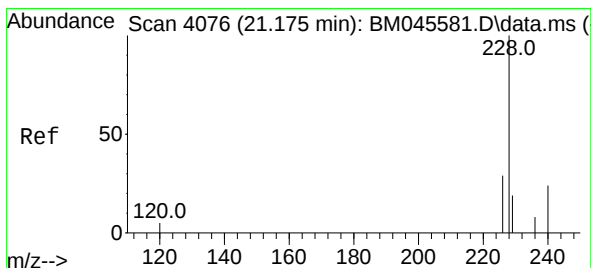
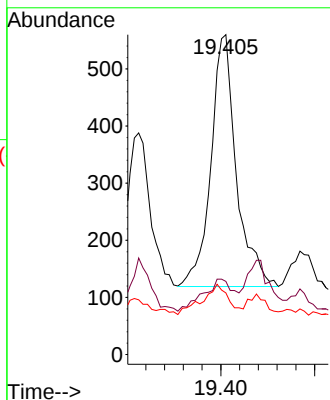
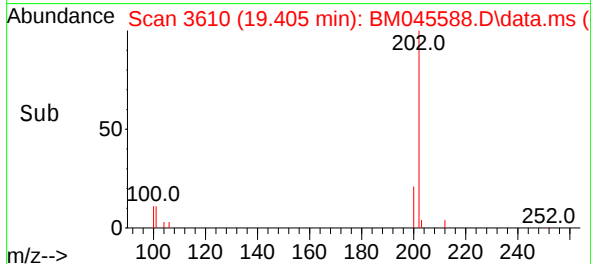
Instrument :
BNA_M
ClientSampleId :
C0AA7



Tgt Ion:202 Resp: 833
Ion Ratio Lower Upper
202 100
101 22.9 11.5 17.3#
100 19.3 10.6 15.8#

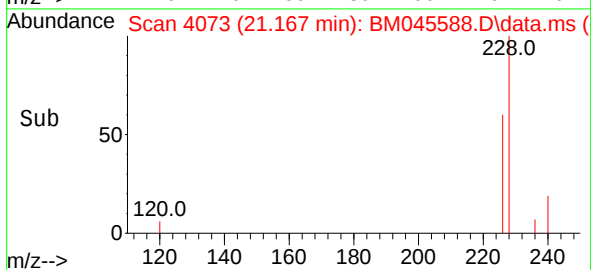
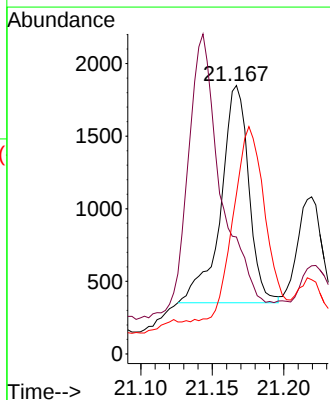
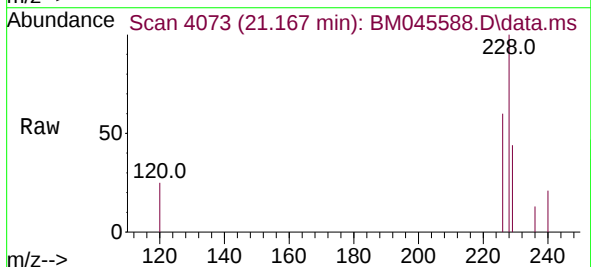
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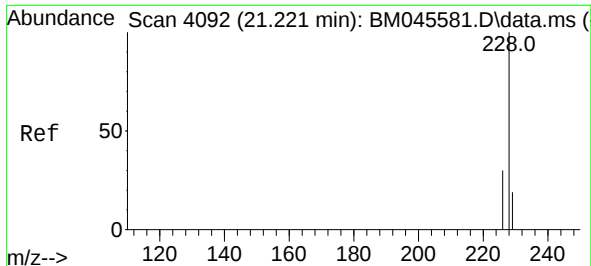
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.268 ng/ul
RT: 21.167 min Scan# 4073
Delta R.T. -0.015 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

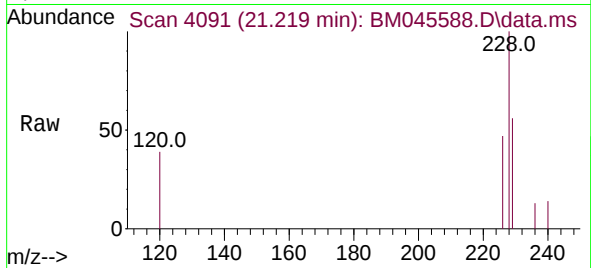
Tgt Ion:228 Resp: 2038
Ion Ratio Lower Upper
228 100
229 43.6 19.4 29.2#
226 59.5 26.3 39.5#





#22
Chrysene
Concen: 0.098 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

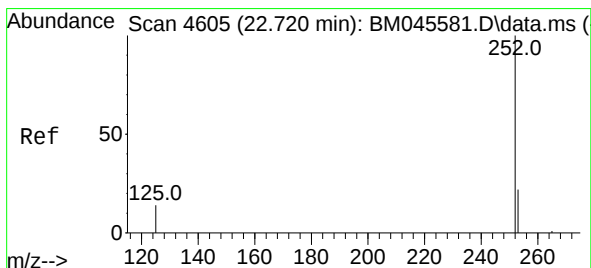
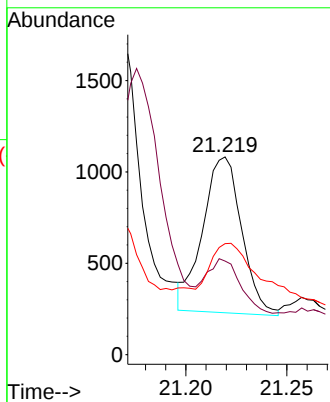
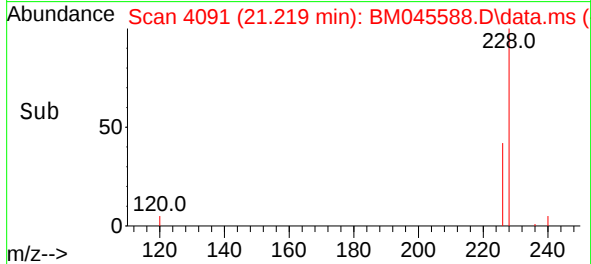
Instrument :
BNA_M
ClientSampleId :
C0AA7



Tgt Ion:228 Resp: 114
Ion Ratio Lower Upper
228 100
226 47.3 26.3 39.5
229 56.1 17.8 26.8

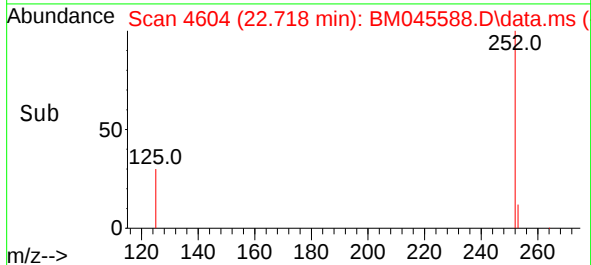
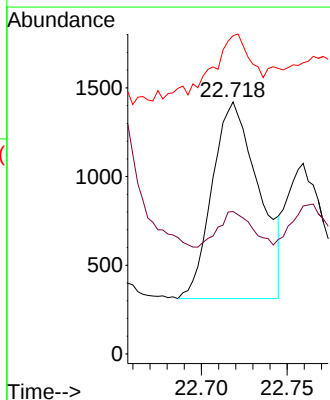
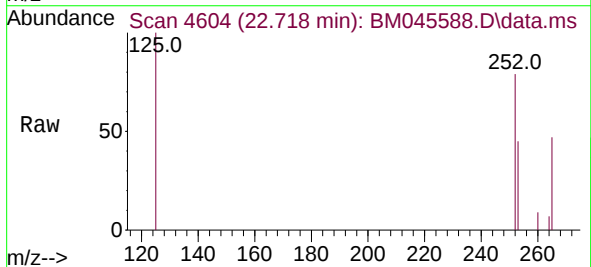
Manual Integrations
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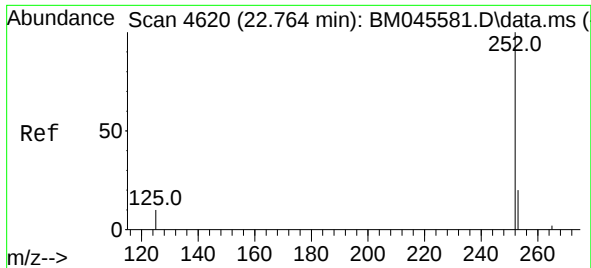
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045588.D
Acq: 26 Apr 2024 13:16

Tgt Ion:252 Resp: 2096
Ion Ratio Lower Upper
252 100
253 56.5 0.0 63.4
125 126.2 0.0 36.8





#25

Benzo(k)fluoranthene

Concen: 0.080 ng/ul

RT: 22.759 min Scan# 4618

Delta R.T. -0.012 min

Lab File: BM045588.D

Acq: 26 Apr 2024 13:16

Instrument :

BNM

ClientSampleId :

C0AA7

Tgt Ion:252 Resp: 1160

Ion Ratio Lower Upper

252 100

253 77.7 25.4 38.0#

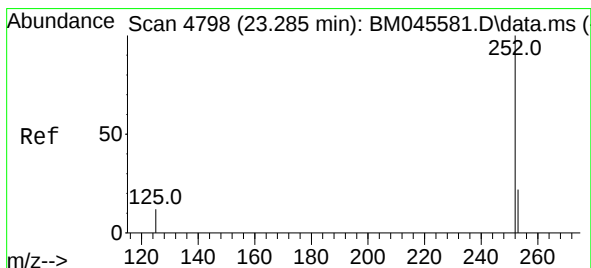
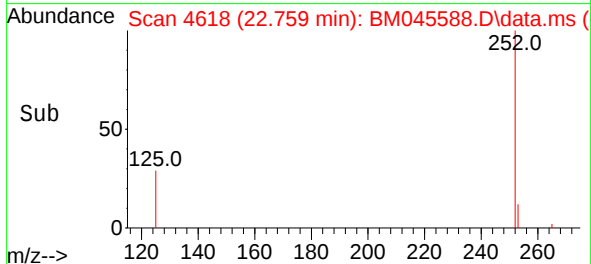
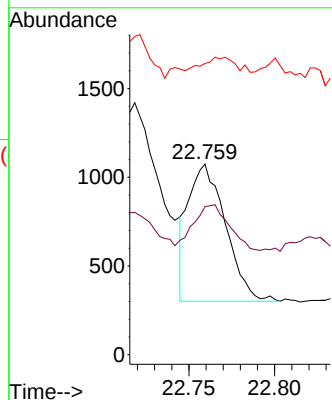
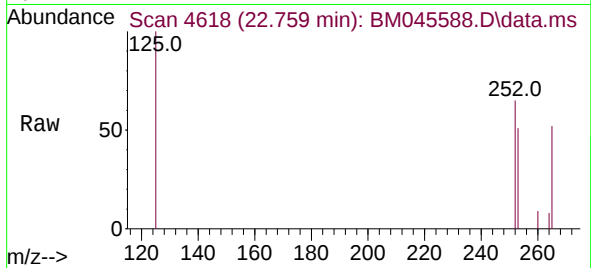
125 152.9 14.8 22.2#

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#26

Benzo(a)pyrene

Concen: 0.050 ng/ul

RT: 23.274 min Scan# 4794

Delta R.T. -0.017 min

Lab File: BM045588.D

Acq: 26 Apr 2024 13:16

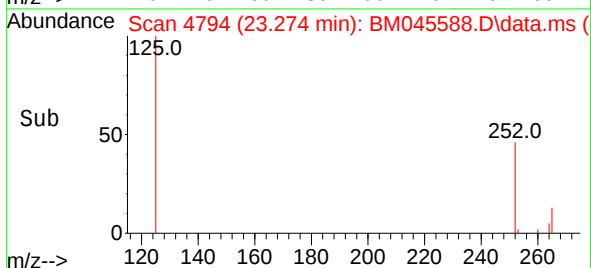
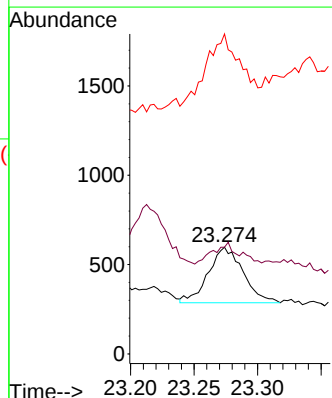
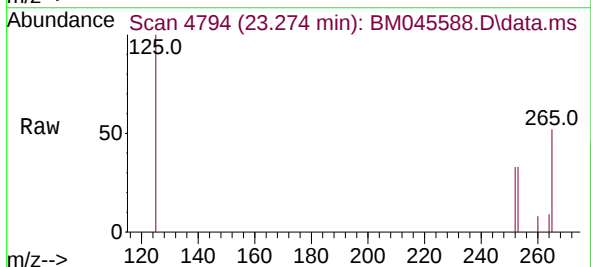
Tgt Ion:252 Resp: 594

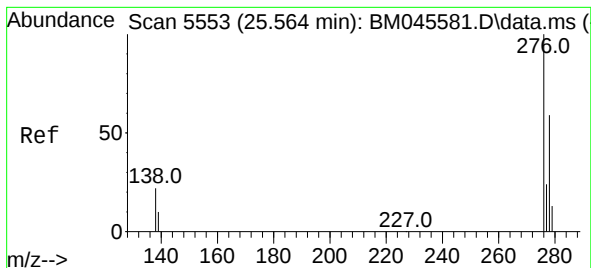
Ion Ratio Lower Upper

252 100

253 100.0 31.6 47.4#

125 300.0 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.047 ng/ul

RT: 25.551 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM045588.D

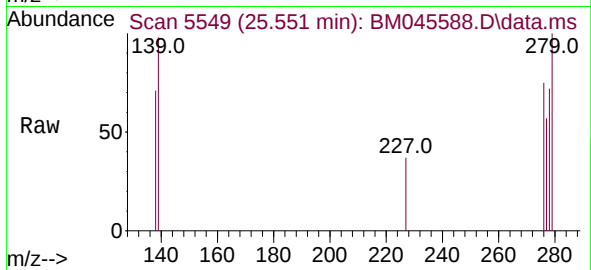
Acq: 26 Apr 2024 13:16

Instrument :

BNA_M

ClientSampleId :

C0AA7



Tgt Ion:276 Resp: 81

Ion Ratio Lower Upper

276 100

138 30.3 19.8 29.6

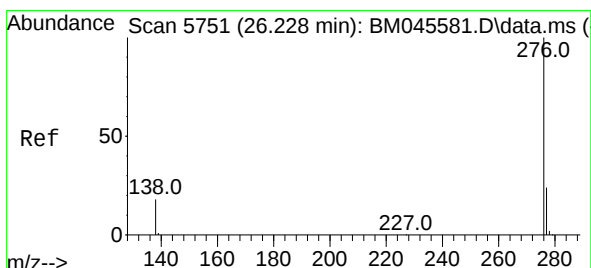
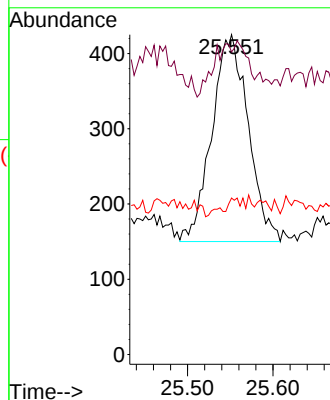
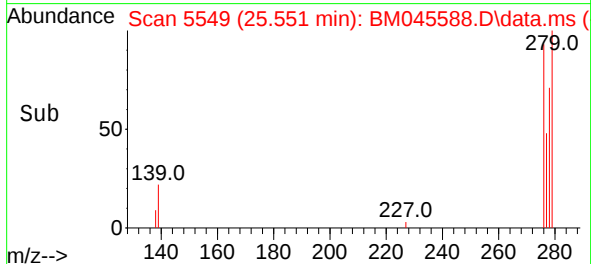
227 2.5 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul

RT: 26.205 min Scan# 5744

Delta R.T. -0.030 min

Lab File: BM045588.D

Acq: 26 Apr 2024 13:16

Tgt Ion:276 Resp: 596

Ion Ratio Lower Upper

276 100

138 113.1 20.8 31.2#

277 69.0 21.8 32.8#

