

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045576.D
 Acq On : 25 Apr 2024 23:23
 Operator : MA/JU
 Sample : P2104-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7RE

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 00:47:26 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	1031	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	2798	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.200	164	1476	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	3169	0.400	ng/ul	-0.01
17) Chrysene-d12	21.178	240	3766	0.400	ng/ul	#-0.01
23) Perylene-d12	23.365	264	4702	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3854	2.789	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.942	152	32	0.009	ng/ul	0.01
18) Fluoranthene-d10	19.006	212	28	0.002	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.923	152	4007	0.550	ng/ul	98
11) Acenaphthene	14.265	153	229	0.042	ng/ul#	86
12) Fluorene	15.264	166	1288	0.223	ng/ul#	97
15) Phenanthrene	17.009	178	2031m	0.220	ng/ul	
16) Anthracene	17.106	178	4715	0.546	ng/ul	97
19) Fluoranthene	19.038	202	4376	0.252	ng/ul	96
20) Pyrene	19.401	202	1060	0.059	ng/ul#	80
21) Benzo(a)anthracene	21.161	228	3017	0.251	ng/ul#	52
22) Chrysene	21.214	228	1646	0.089	ng/ul#	44
24) Benzo(b)fluoranthene	22.715	252	2784	0.176	ng/ul#	1
25) Benzo(k)fluoranthene	22.756	252	1733	0.087	ng/ul#	1
26) Benzo(a)pyrene	23.271	252	862	0.053	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.548	276	952	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	26.212	276	627	0.029	ng/ul#	1

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

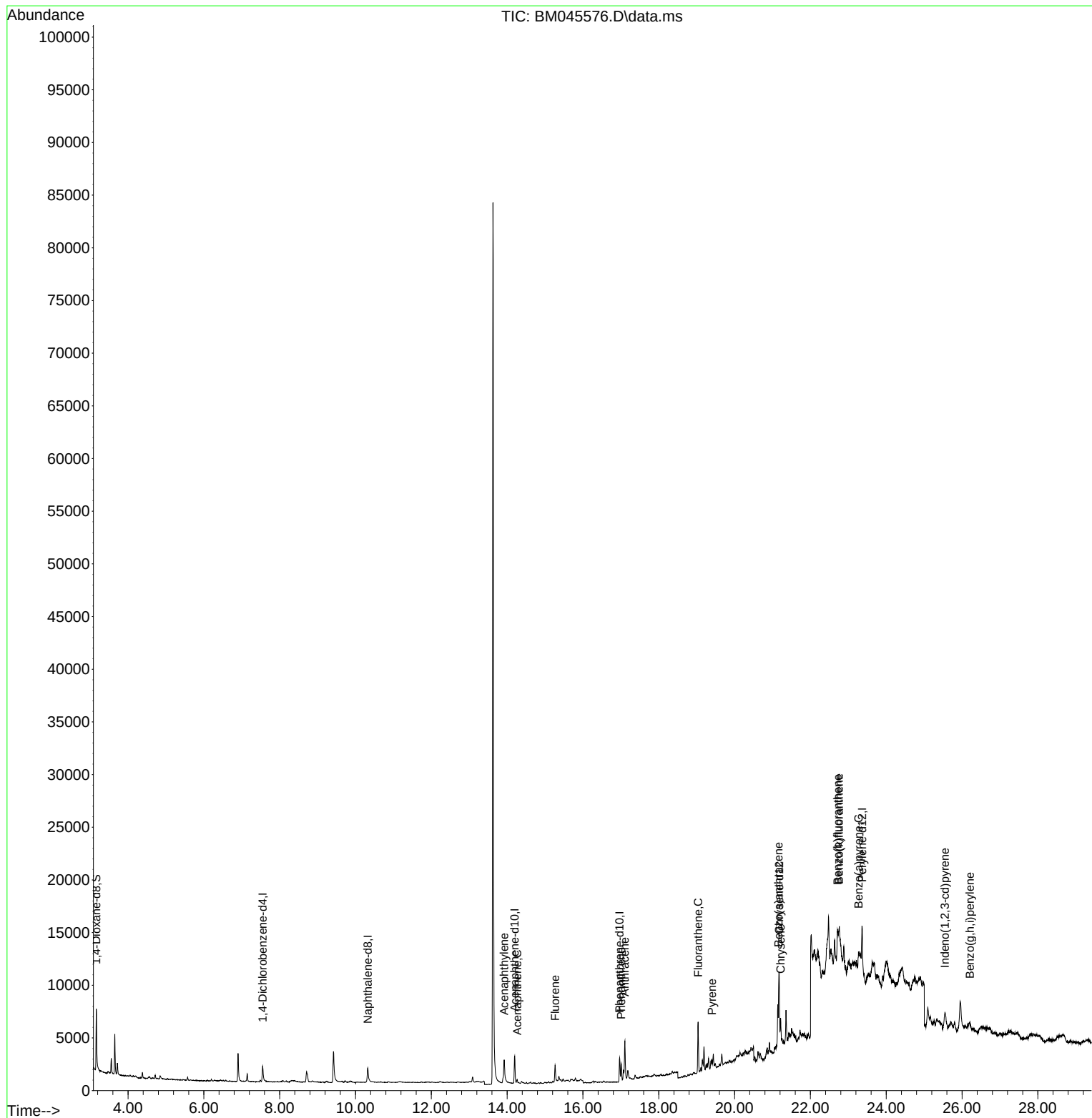
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045576.D
Acq On : 25 Apr 2024 23:23
Operator : MA/JU
Sample : P2104-05RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

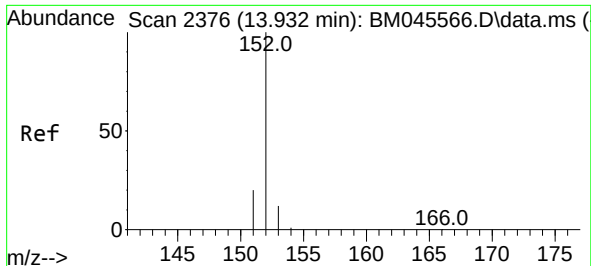
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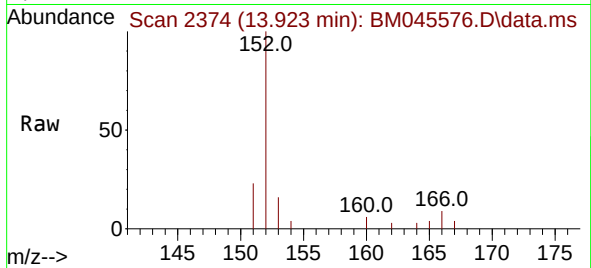
Quant Time: Apr 26 00:47:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#10
Acenaphthylene
Concen: 0.550 ng/u1
RT: 13.923 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

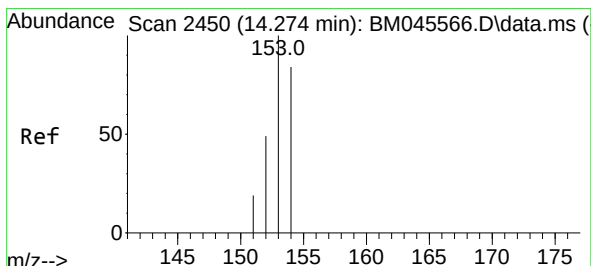
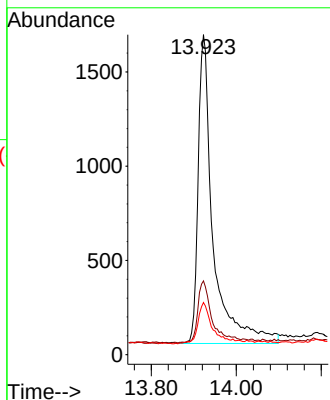
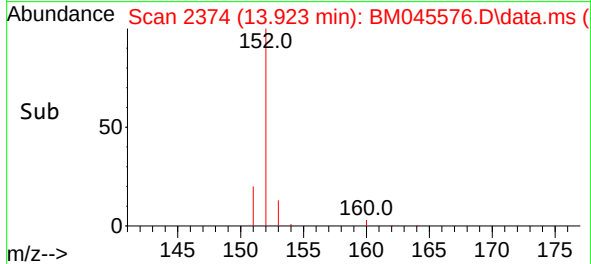
Instrument :
BNA_M
ClientSampleId :
C0AA7RE



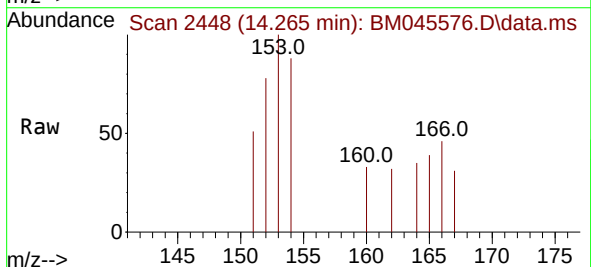
Tgt Ion:152 Resp: 400
Ion Ratio Lower Upper
152 100
151 23.0 18.6 28.0
153 16.3 14.1 21.1

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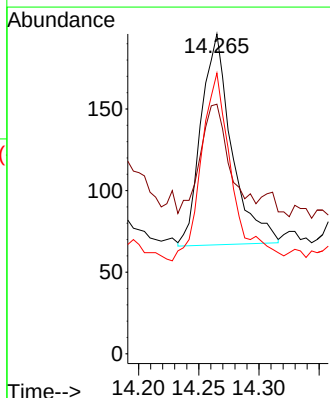
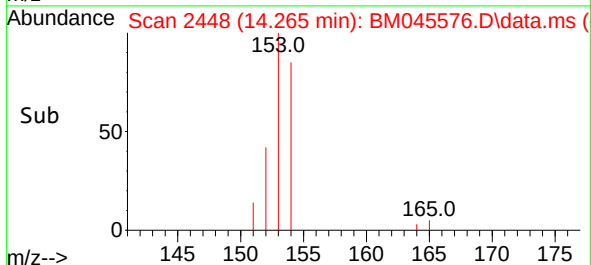
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

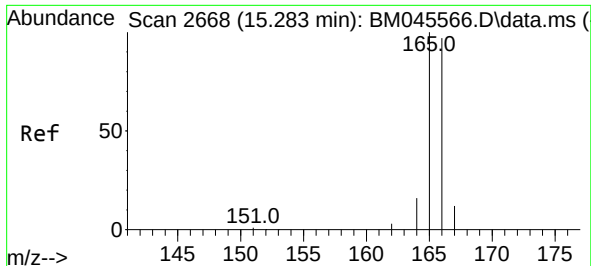


#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23



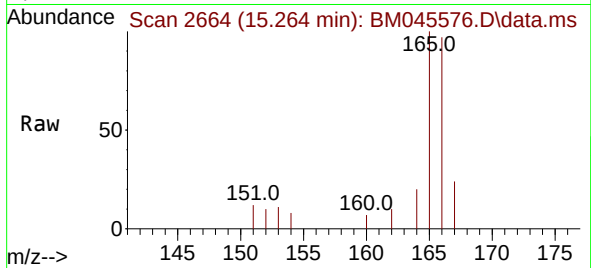
Tgt Ion:153 Resp: 229
Ion Ratio Lower Upper
153 100
152 78.1 43.4 65.2#
154 87.8 69.0 103.6





#12
Fluorene
Concen: 0.223 ng/ul
RT: 15.264 min Scan# 2064
Delta R.T. -0.014 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

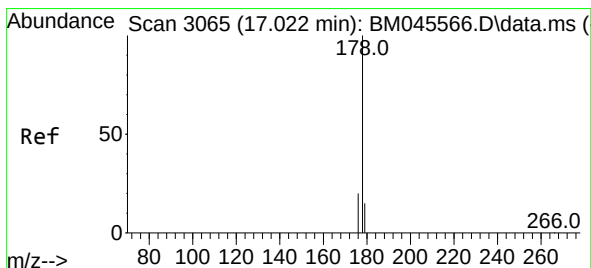
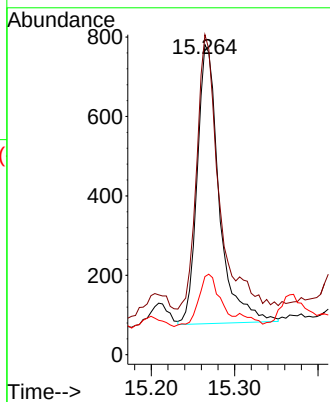
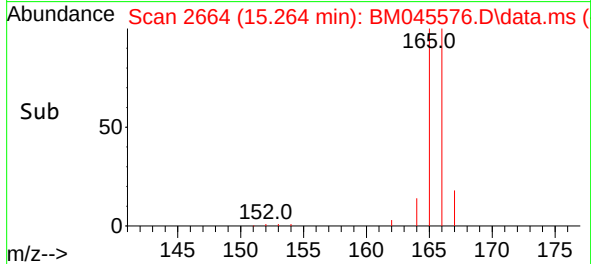
Instrument :
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ClientSampleId :
C0AA7RE



Tgt Ion:166 Resp: 1288
Ion Ratio Lower Upper
166 100
165 103.2 82.2 123.2
167 25.2 14.8 22.2

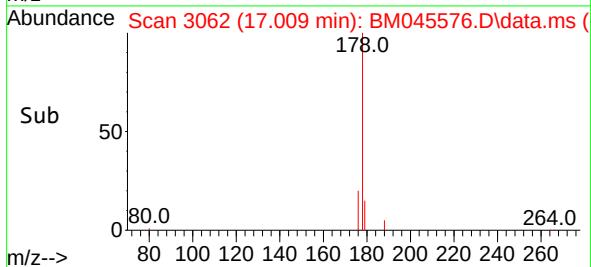
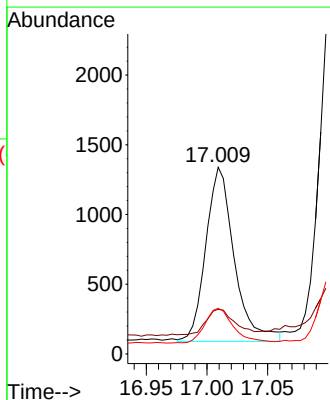
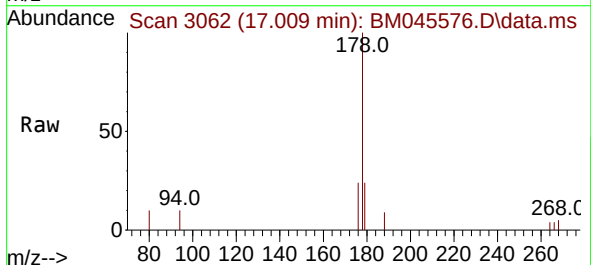
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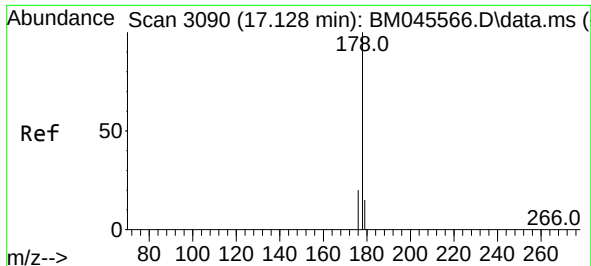
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.220 ng/ul m
RT: 17.009 min Scan# 3062
Delta R.T. -0.013 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

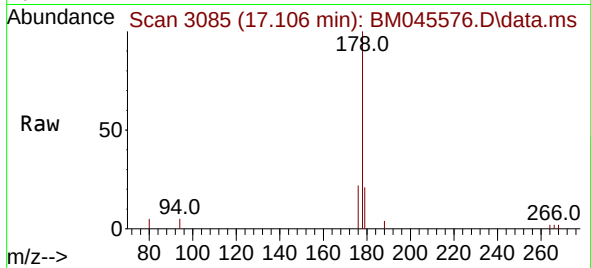
Tgt Ion:178 Resp: 2031
Ion Ratio Lower Upper
178 100
179 23.9 15.4 23.2#
176 24.4 19.0 28.4





#16
 Anthracene
 Concen: 0.546 ng/ul
 RT: 17.106 min Scan# 3085
 Delta R.T. -0.013 min
 Lab File: BM045576.D
 Acq: 25 Apr 2024 23:23

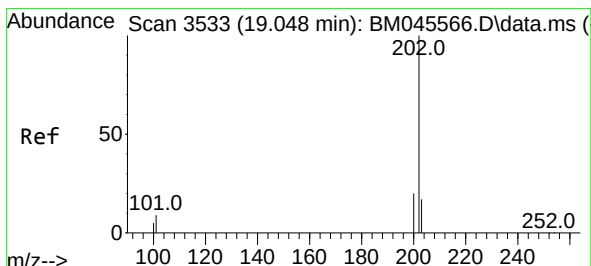
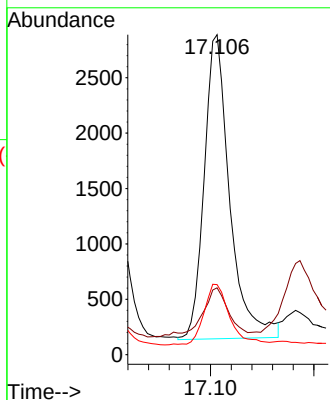
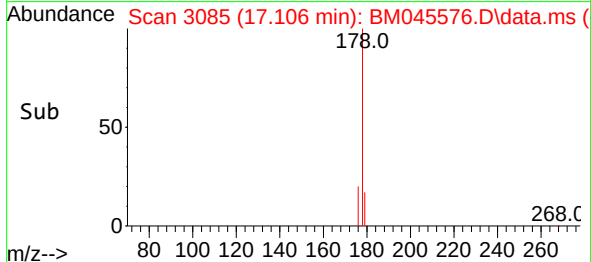
Instrument :
 BNA_M
 ClientSampleId :
 C0AA7RE



Tgt Ion:178 Resp: 4711
 Ion Ratio Lower Upper
 178 100
 179 20.9 17.8 26.6
 176 21.9 18.7 28.1

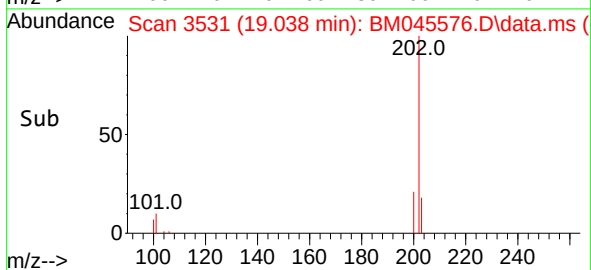
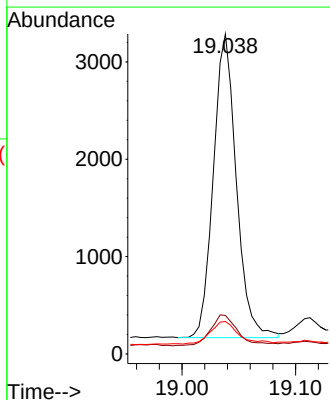
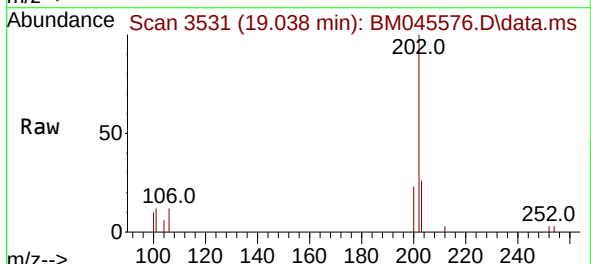
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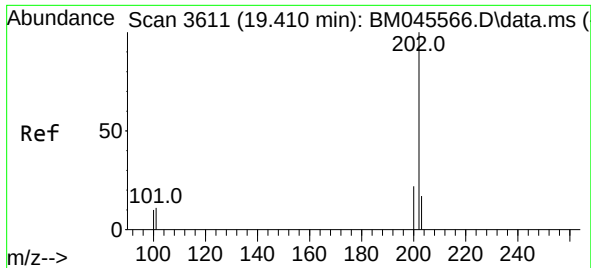
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#19
 Fluoranthene
 Concen: 0.252 ng/ul
 RT: 19.038 min Scan# 3531
 Delta R.T. -0.009 min
 Lab File: BM045576.D
 Acq: 25 Apr 2024 23:23

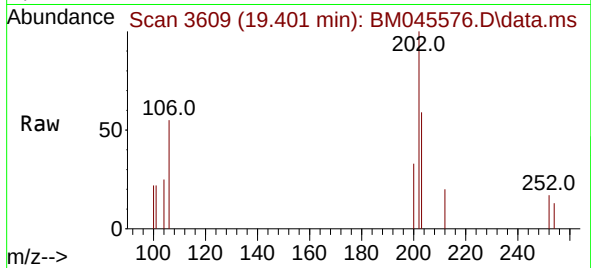
Tgt Ion:202 Resp: 4376
 Ion Ratio Lower Upper
 202 100
 101 12.0 11.2 16.8
 100 10.1 9.1 13.7





#20
Pyrene
Concen: 0.059 ng/uI
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

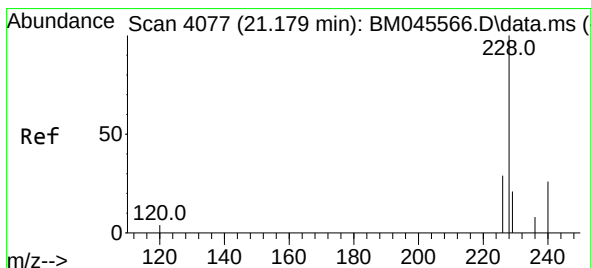
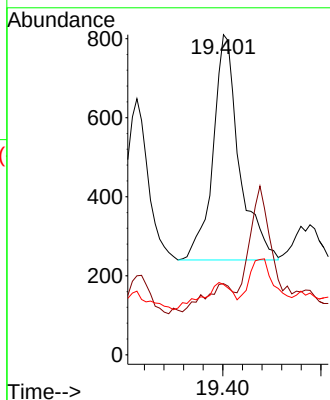
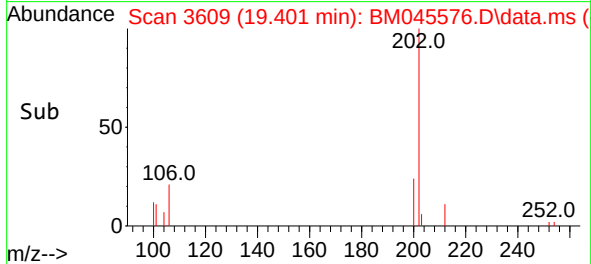
Instrument :
BNA_M
ClientSampleId :
C0AA7RE



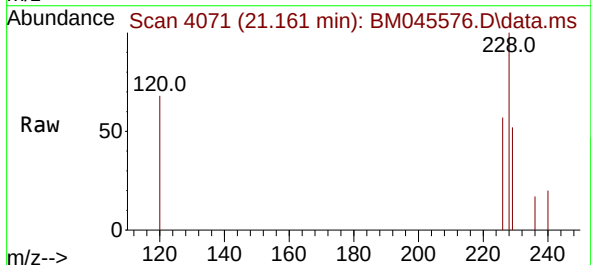
Tgt Ion:202 Resp: 1060
Ion Ratio Lower Upper
202 100
101 22.2 11.5 17.3#
100 22.0 10.6 15.8#

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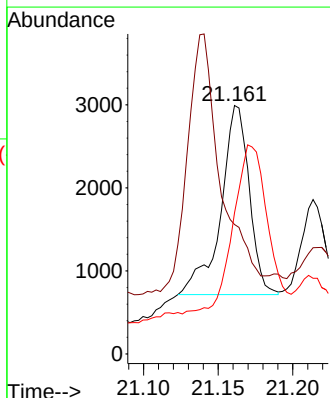
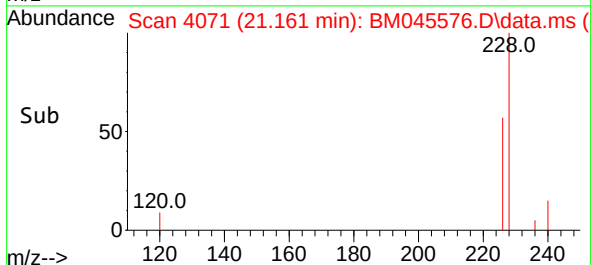
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

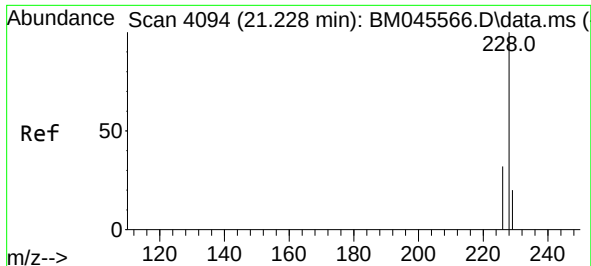


#21
Benzo(a)anthracene
Concen: 0.251 ng/uI
RT: 21.161 min Scan# 4071
Delta R.T. -0.020 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23



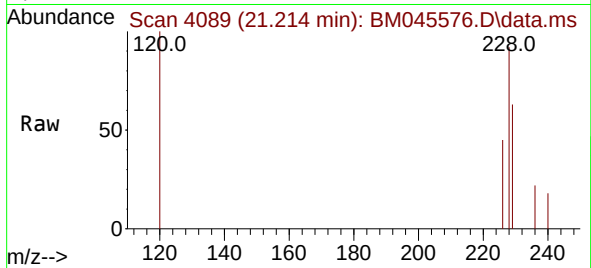
Tgt Ion:228 Resp: 3017
Ion Ratio Lower Upper
228 100
229 52.1 19.4 29.2#
226 56.8 26.3 39.5#





#22
Chrysene
Concen: 0.089 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. -0.015 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

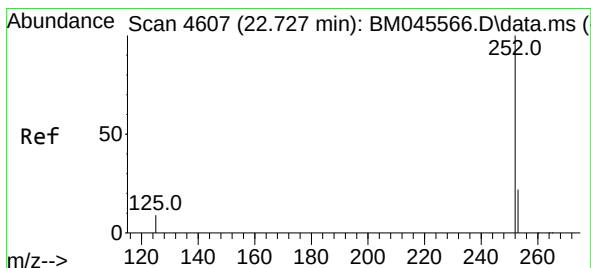
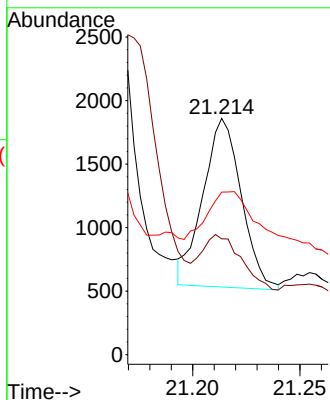
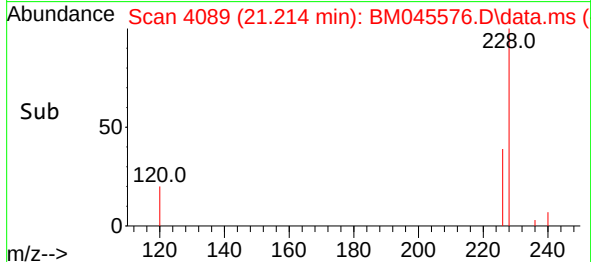
Instrument :
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ClientSampleId :
C0AA7RE



Tgt Ion:228 Resp: 1640
Ion Ratio Lower Upper
228 100
226 49.0 26.3 39.5#
229 68.8 17.8 26.8#

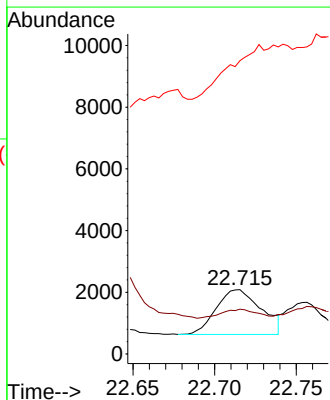
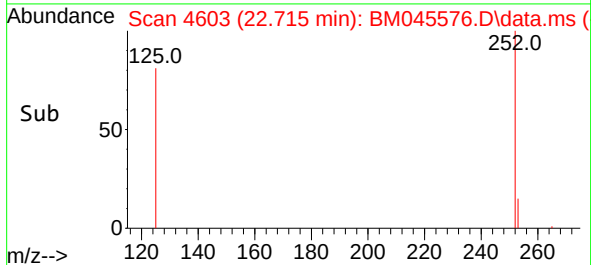
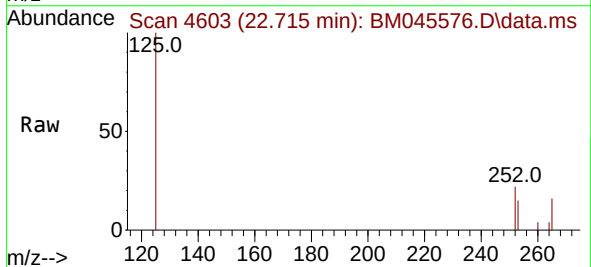
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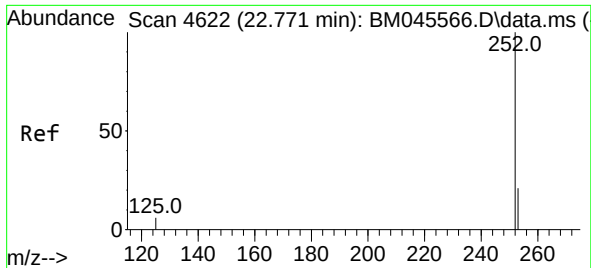
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.176 ng/ul
RT: 22.715 min Scan# 4603
Delta R.T. -0.015 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

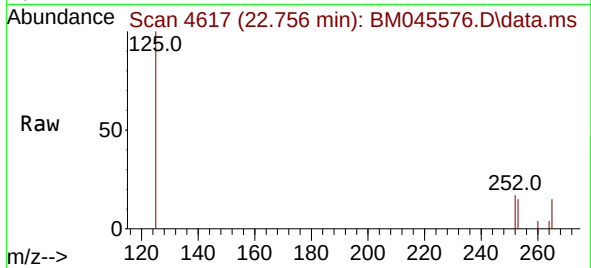
Tgt Ion:252 Resp: 2784
Ion Ratio Lower Upper
252 100
253 69.7 0.0 63.4#
125 455.8 0.0 36.8#





#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 22.756 min Scan# 4617
Delta R.T. -0.015 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23

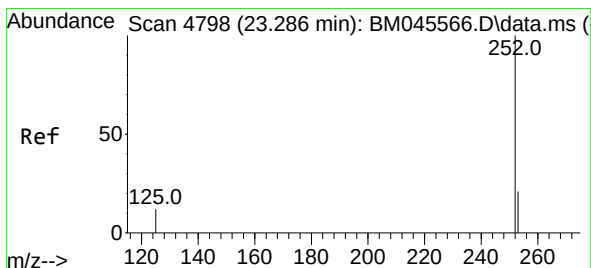
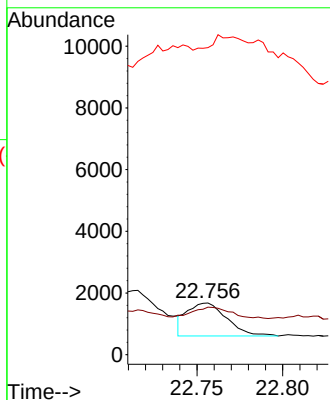
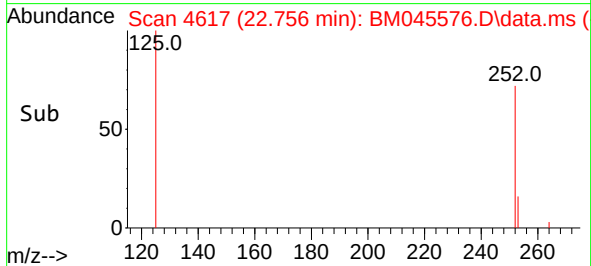
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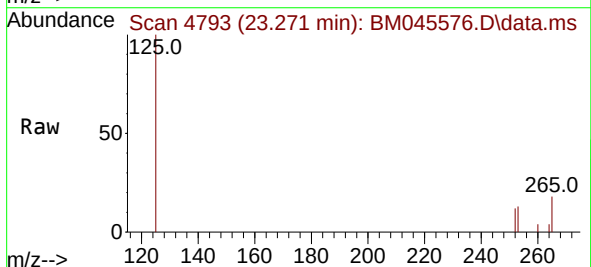
Tgt Ion:252 Resp: 173
Ion Ratio Lower Upper
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253 92.0 25.4 38.0#
125 594.7 14.8 22.2#

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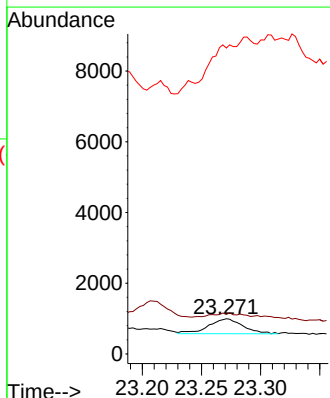
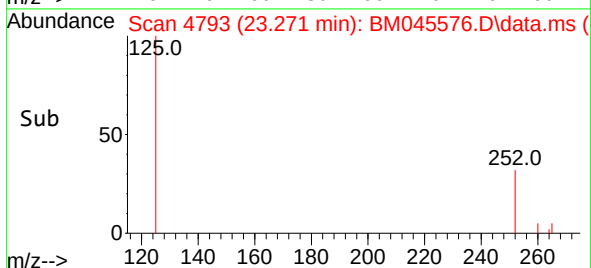
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

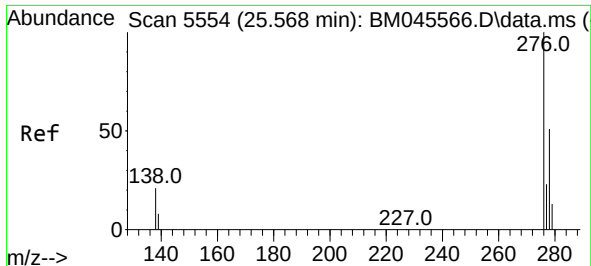


#26
Benzo(a)pyrene
Concen: 0.053 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.020 min
Lab File: BM045576.D
Acq: 25 Apr 2024 23:23



Tgt Ion:252 Resp: 862
Ion Ratio Lower Upper
252 100
253 112.2 31.6 47.4#
125 868.8 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng/ul

RT: 25.548 min Scan# 51

Delta R.T. -0.023 min

Lab File: BM045576.D

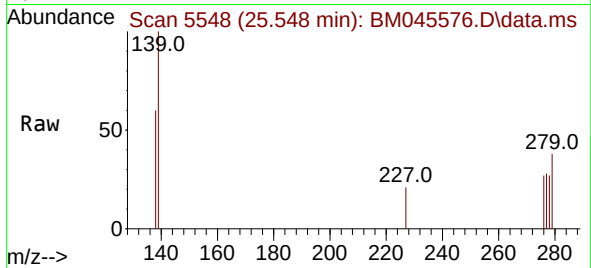
Acq: 25 Apr 2024 23:23

Instrument :

BNA_M

ClientSampleId :

C0AA7RE



Tgt Ion:276 Resp: 952

Ion Ratio Lower Upper

276 100

138 118.2 19.8 29.6

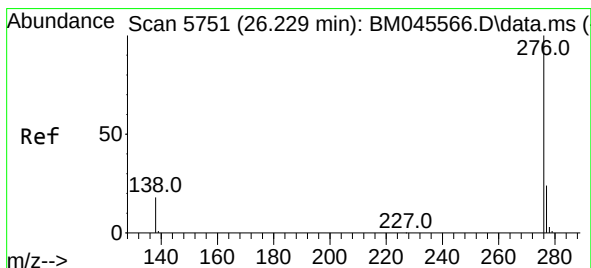
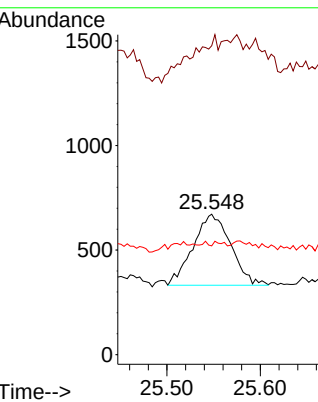
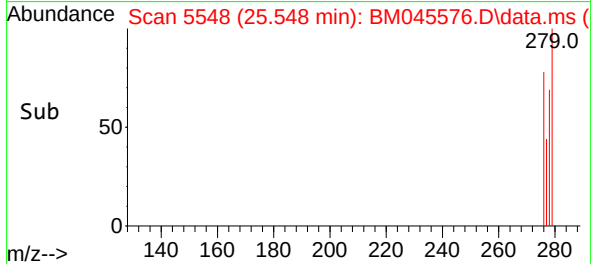
227 2.3 0.2 0.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.029 ng/ul

RT: 26.212 min Scan# 5746

Delta R.T. -0.023 min

Lab File: BM045576.D

Acq: 25 Apr 2024 23:23

Tgt Ion:276 Resp: 627

Ion Ratio Lower Upper

276 100

138 259.8 20.8 31.2#

277 97.2 21.8 32.8#

