

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045533.D
 Acq On : 24 Apr 2024 18:11
 Operator : MA/JU
 Sample : P2164-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S98

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 19:12:09 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	1018	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	3025	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	1680	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	3775m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.189	240	3738	0.400	ng/ul	0.00
23) Perylene-d12	23.378	264	4225m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3921	2.874	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	827	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.007	212	2081	0.177	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.924	152	501	0.060	ng/ul#	71
15) Phenanthrene	17.006	178	1377	0.125	ng/ul	99
16) Anthracene	17.099	178	331m	0.032	ng/ul	
19) Fluoranthene	19.039	202	2676	0.155	ng/ul#	92
20) Pyrene	19.402	202	3325m	0.188	ng/ul	
21) Benzo(a)anthracene	21.181	228	1366	0.114	ng/ul#	88
22) Chrysene	21.227	228	1809	0.098	ng/ul	94
24) Benzo(b)fluoranthene	22.723	252	2702m	0.190	ng/ul	
25) Benzo(k)fluoranthene	22.761	252	1000m	0.056	ng/ul	
26) Benzo(a)pyrene	23.273	252	1752	0.119	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.581	276	1635	0.076	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.591	278	428	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	26.248	276	1859	0.097	ng/ul#	84

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

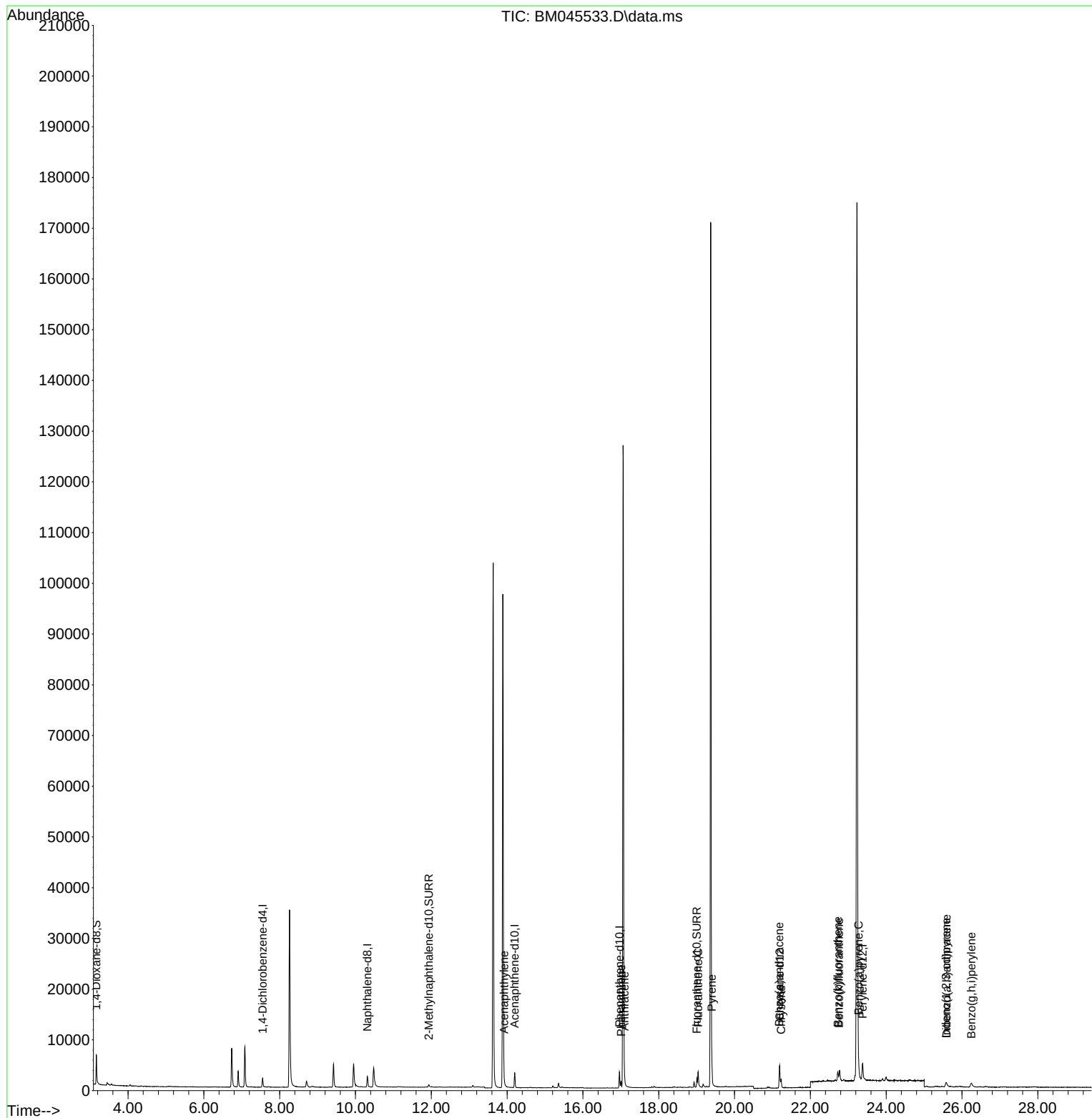
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045533.D
Acq On : 24 Apr 2024 18:11
Operator : MA/JU
Sample : P2164-05
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ALS Vial : 10 Sample Multiplier: 1

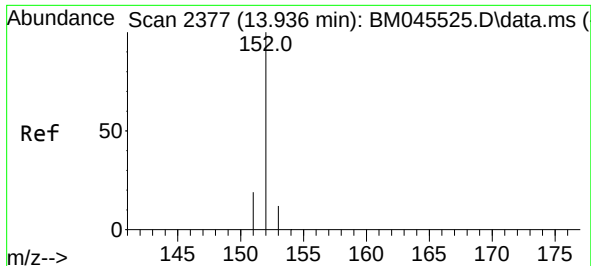
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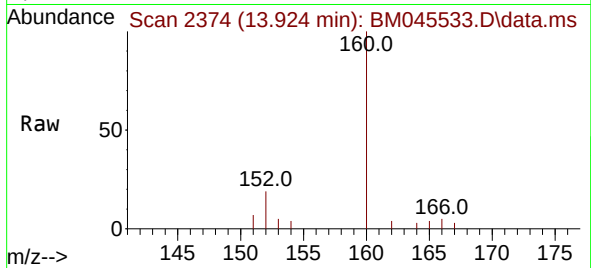
Quant Time: Apr 24 19:12:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

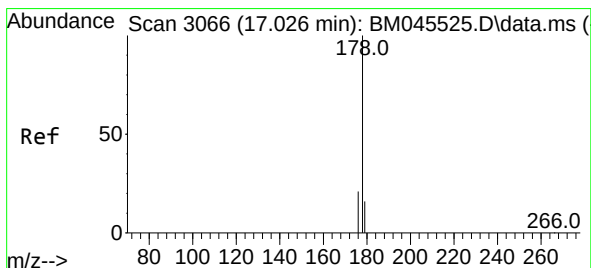
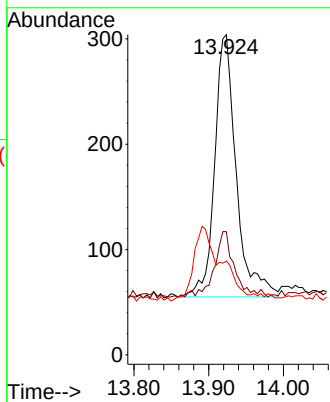
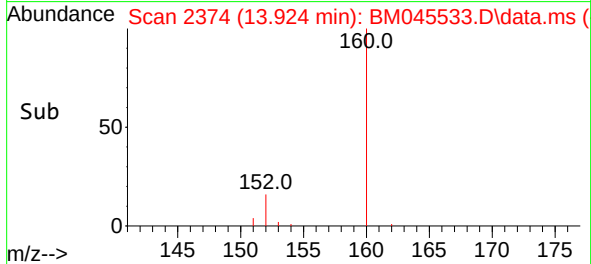
Instrument :
BNA_M
ClientSampleId :
C0S98



Tgt Ion	Ratio	Lower	Upper
152	100		
151	38.5	18.6	28.0
153	29.3	14.1	21.1

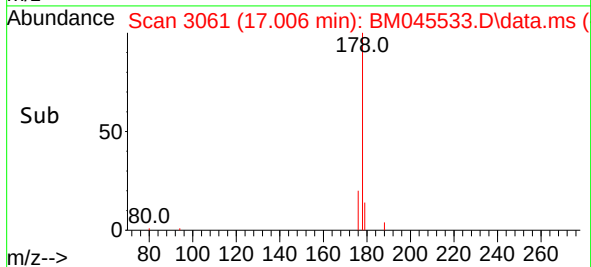
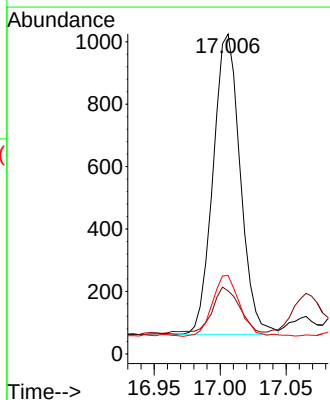
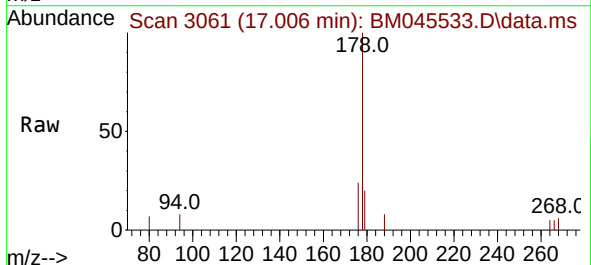
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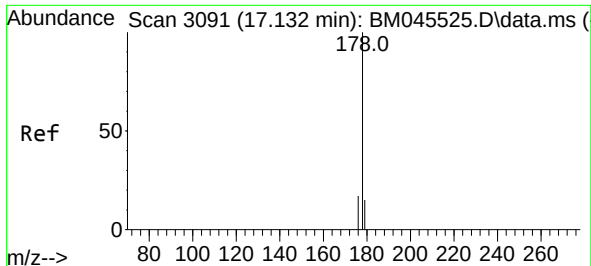
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.125 ng/ul
RT: 17.006 min Scan# 3061
Delta R.T. -0.016 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

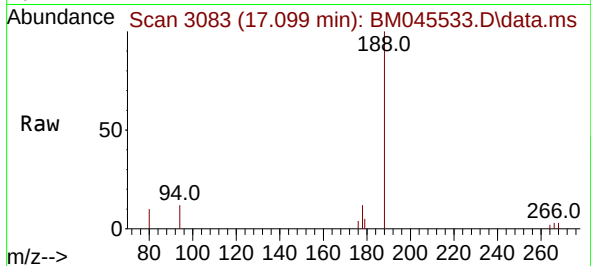
Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.7	15.4	23.2
176	24.5	19.0	28.4





#16
 Anthracene
 Concen: 0.032 ng/ul m
 RT: 17.099 min Scan# 3083
 Delta R.T. -0.020 min
 Lab File: BM045533.D
 Acq: 24 Apr 2024 18:11

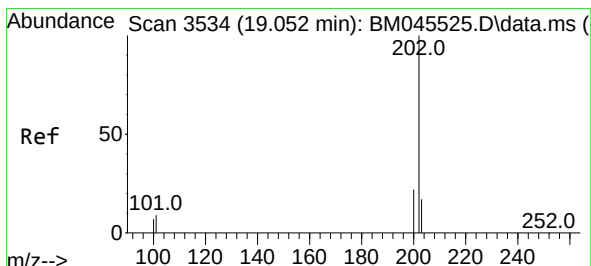
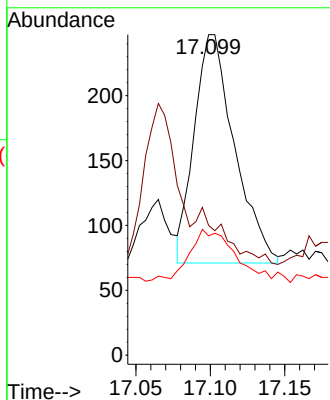
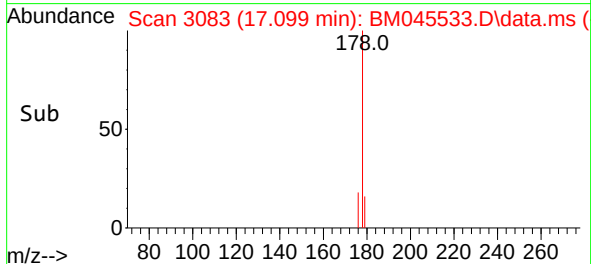
Instrument :
 BNA_M
 ClientSampleId :
 COS98



Tgt Ion:178 Resp: 333
 Ion Ratio Lower Upper
 178 100
 179 40.5 17.8 26.6#
 176 37.2 18.7 28.1#

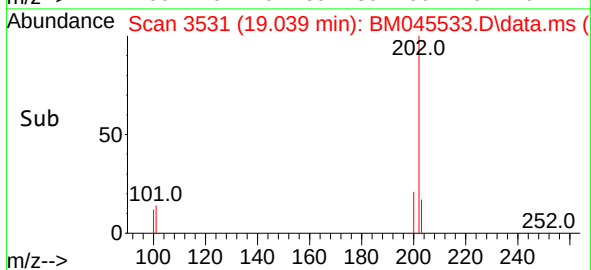
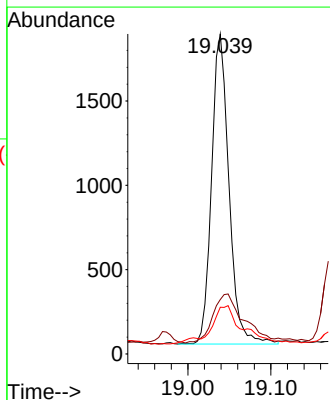
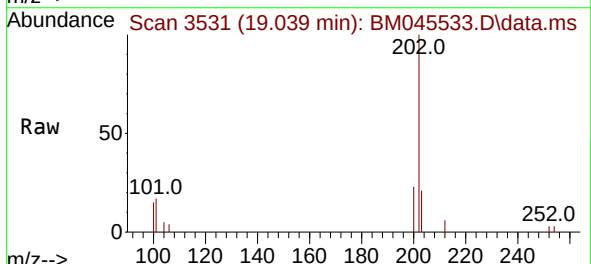
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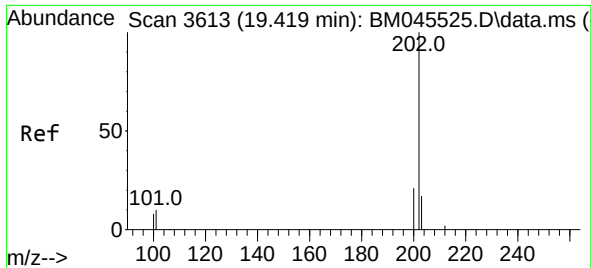
Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024



#19
 Fluoranthene
 Concen: 0.155 ng/ul
 RT: 19.039 min Scan# 3531
 Delta R.T. -0.008 min
 Lab File: BM045533.D
 Acq: 24 Apr 2024 18:11

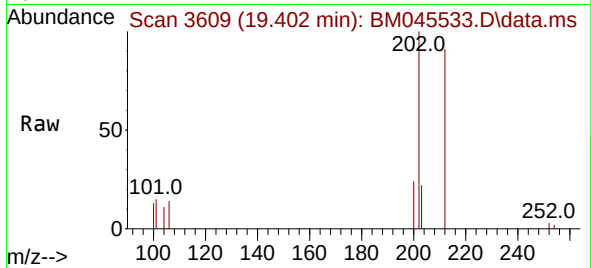
Tgt Ion:202 Resp: 2676
 Ion Ratio Lower Upper
 202 100
 101 17.0 11.2 16.8#
 100 14.6 9.1 13.7#





#20
Pyrene
Concen: 0.188 ng/ul m
RT: 19.402 min Scan# 30
Delta R.T. -0.013 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

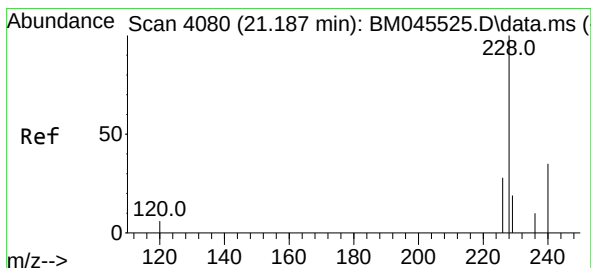
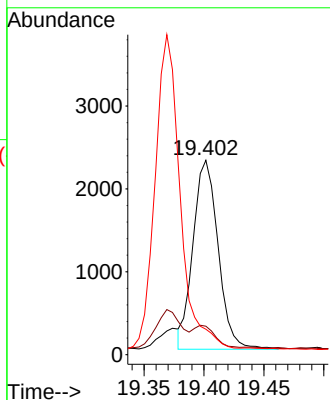
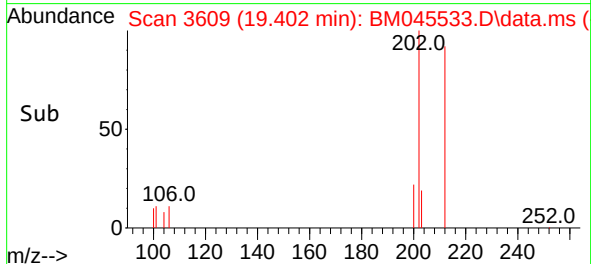
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 332
Ion Ratio Lower Upper
202 100
101 14.7 11.5 17.3
100 13.0 10.6 15.8

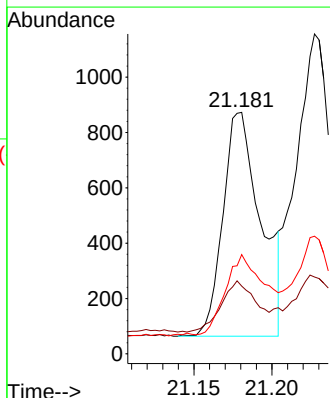
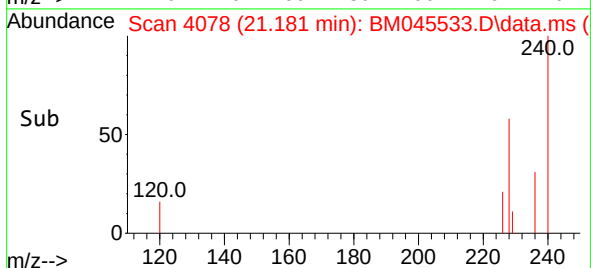
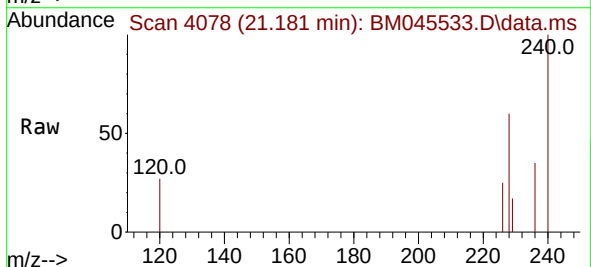
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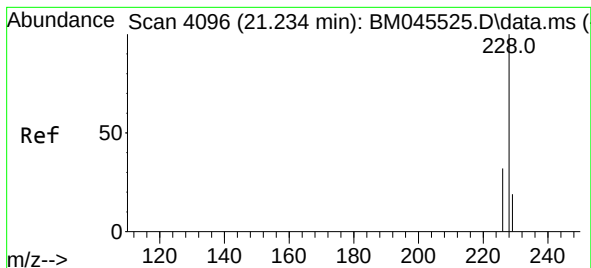
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.114 ng/ul
RT: 21.181 min Scan# 4078
Delta R.T. -0.001 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

Tgt Ion:228 Resp: 1366
Ion Ratio Lower Upper
228 100
229 28.1 19.4 29.2
226 41.1 26.3 39.5#





#22

Chrysene

Concen: 0.098 ng/ul

RT: 21.227 min Scan# 4094

Delta R.T. -0.001 min

Lab File: BM045533.D

Acq: 24 Apr 2024 18:11

Instrument :

BNA_M

ClientSampleId :

COS98

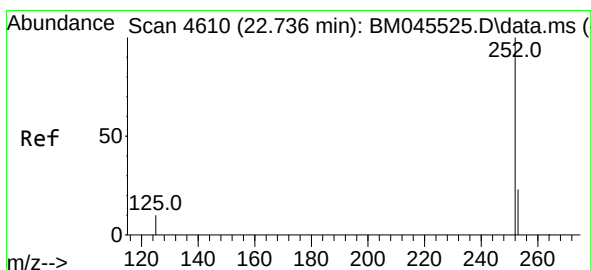
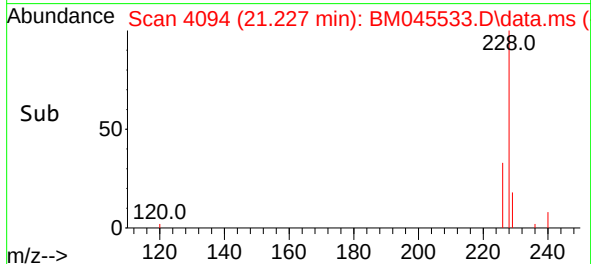
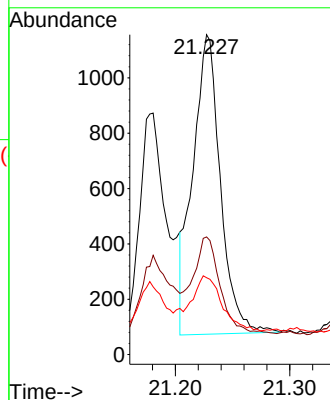
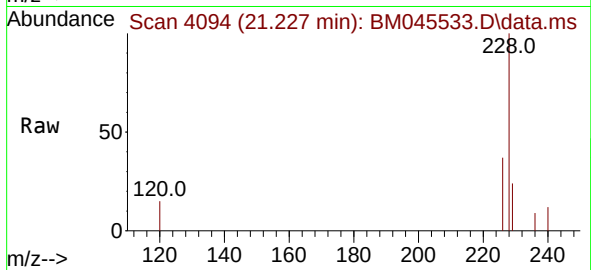
Tgt Ion:	228	Resp:	1809
Ion Ratio	Lower	Upper	
228	100		
226	36.8	26.3	39.5
229	24.0	17.8	26.8

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#24

Benzo(b)fluoranthene

Concen: 0.190 ng/ul m

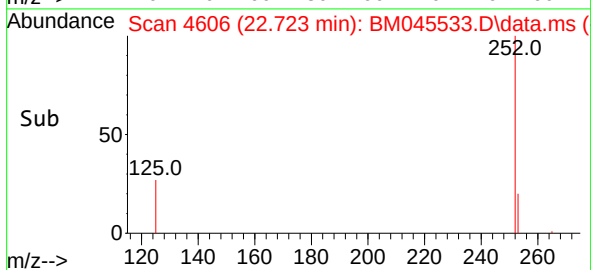
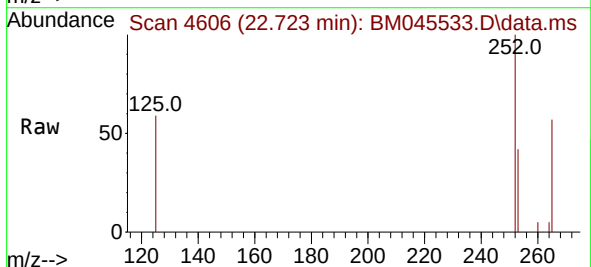
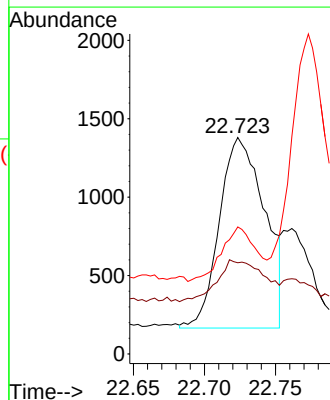
RT: 22.723 min Scan# 4606

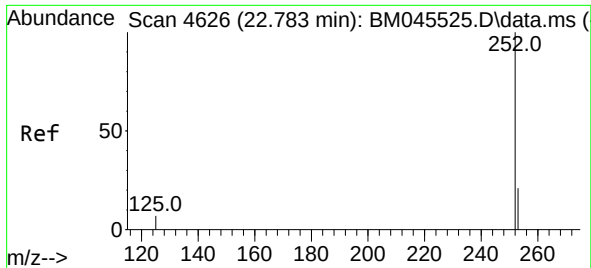
Delta R.T. -0.007 min

Lab File: BM045533.D

Acq: 24 Apr 2024 18:11

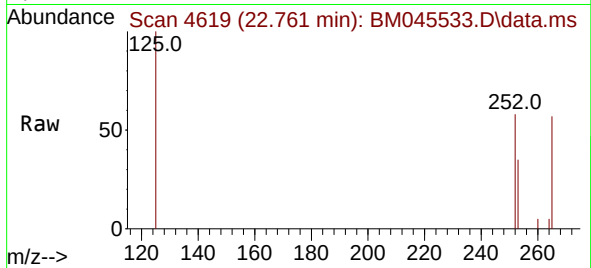
Tgt Ion:	252	Resp:	2702
Ion Ratio	Lower	Upper	
252	100		
253	42.1	0.0	63.4
125	58.7	0.0	36.8





#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 22.761 min Scan# 4619
Delta R.T. -0.010 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

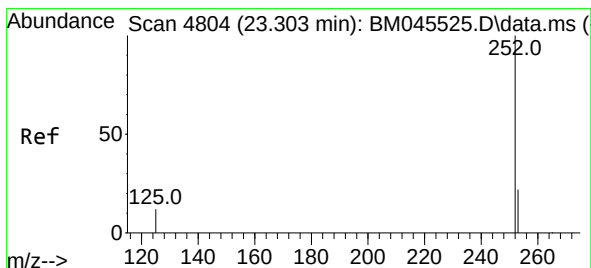
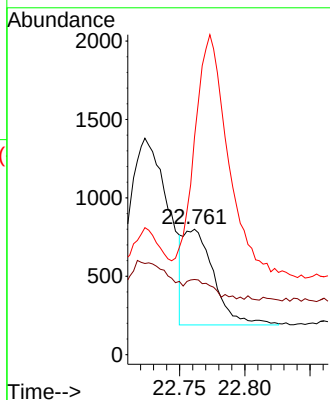
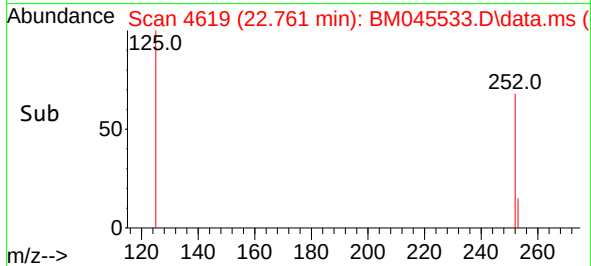
Instrument :
BNA_M
ClientSampleId :
C0S98



Tgt Ion:252 Resp: 1000
Ion Ratio Lower Upper
252 100
253 60.0 25.4 38.0#
125 173.5 14.8 22.2#

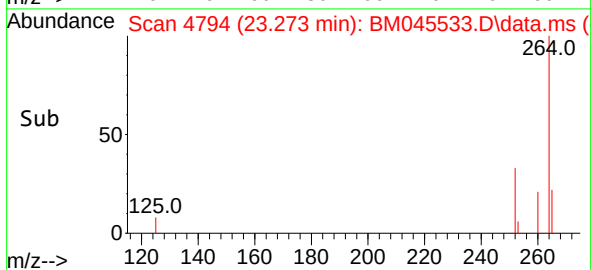
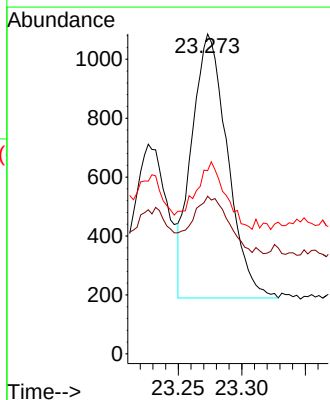
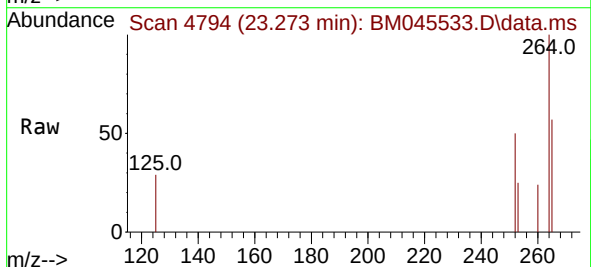
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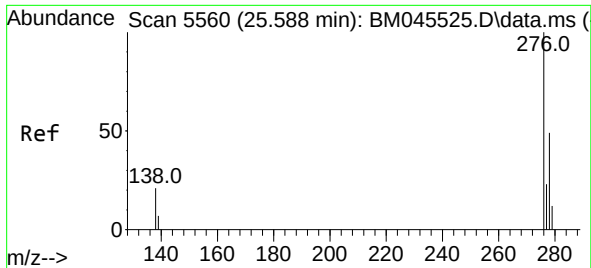
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.018 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

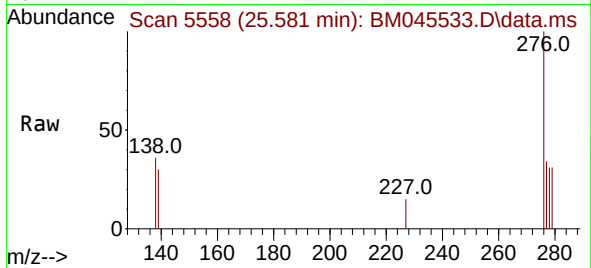
Tgt Ion:252 Resp: 1752
Ion Ratio Lower Upper
252 100
253 49.3 31.6 47.4#
125 57.3 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 25.581 min Scan# 5558
Delta R.T. 0.009 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

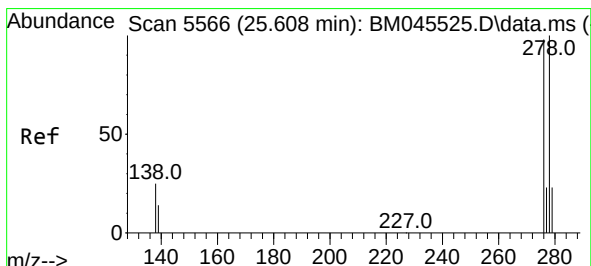
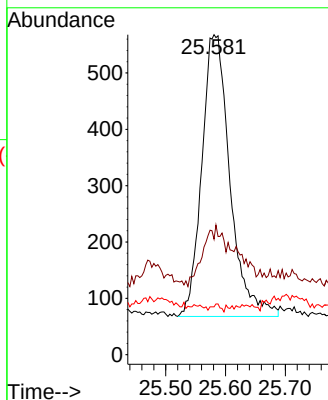
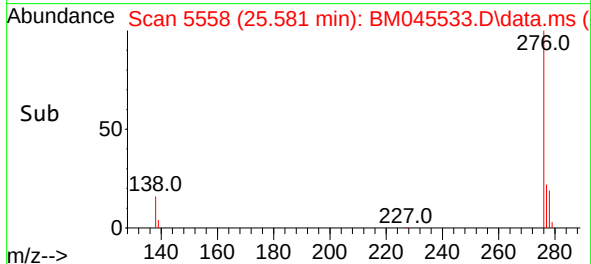
Instrument :
BNA_M
ClientSampleId :
COS98



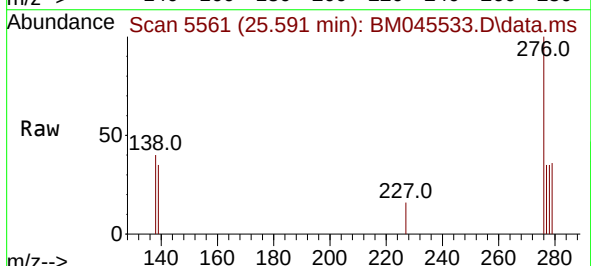
Tgt Ion:276 Resp: 1639
Ion Ratio Lower Upper
276 100
138 24.1 19.8 29.6
227 0.9 0.2 0.2

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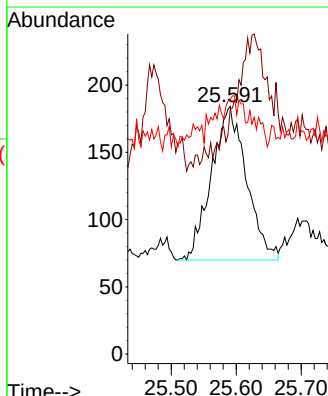
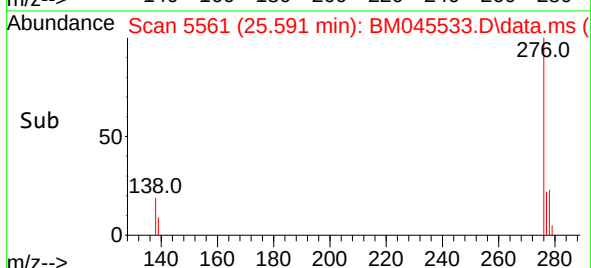
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

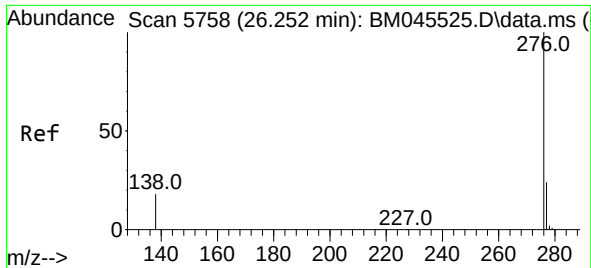


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.591 min Scan# 5561
Delta R.T. 0.003 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11



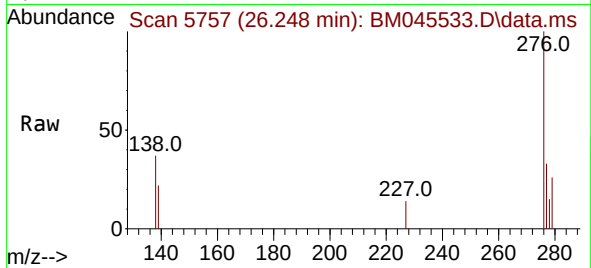
Tgt Ion:278 Resp: 428
Ion Ratio Lower Upper
278 100
139 98.9 19.0 28.6#
279 102.7 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.248 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM045533.D
Acq: 24 Apr 2024 18:11

Instrument :
BNA_M
ClientSampleId :
C0S98



Tgt Ion: 276 Resp: 1859
Ion Ratio Lower Upper
276 100
138 36.7 20.8 31.2
277 33.2 21.8 32.8

Manual Integrations
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Supervised By : mohammad ahmed 04/27/2024

