

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045537.D
 Acq On : 24 Apr 2024 21:19
 Operator : MA/JU
 Sample : P2164-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S95

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 23:50:27 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	829	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2473	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	1369	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	3131m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.192	240	2733	0.400	ng/ul	# 0.00
23) Perylene-d12	23.378	264	3044m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3689	3.320	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.942	152	722	0.221	ng/ul	0.01
18) Fluoranthene-d10	19.007	212	1734	0.202	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.002	178	2823	0.310	ng/ul	98
16) Anthracene	17.095	178	347	0.041	ng/ul#	76
19) Fluoranthene	19.039	202	5443	0.432	ng/ul#	92
20) Pyrene	19.402	202	4680m	0.361	ng/ul	
21) Benzo(a)anthracene	21.184	228	1849	0.212	ng/ul	98
22) Chrysene	21.230	228	2089	0.156	ng/ul	99
24) Benzo(b)fluoranthene	22.721	252	3074m	0.300	ng/ul	
25) Benzo(k)fluoranthene	22.761	252	1219m	0.094	ng/ul	
26) Benzo(a)pyrene	23.273	252	2060	0.194	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.587	276	1659	0.107	ng/ul	97
28) Dibenzo(a,h)anthracene	25.608	278	364	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.255	276	1785	0.129	ng/ul#	89

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

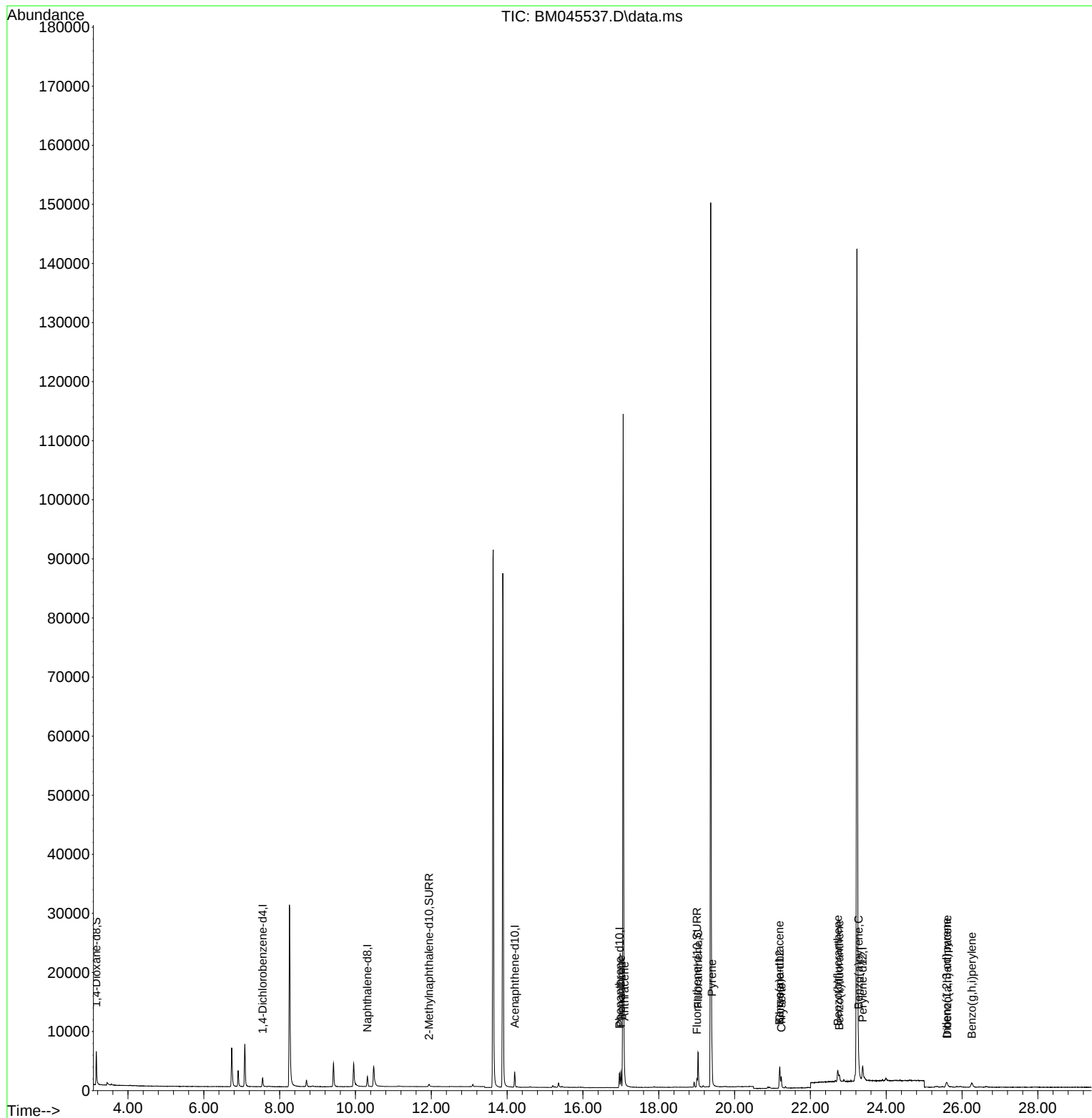
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
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Sample : P2164-09
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ALS Vial : 15 Sample Multiplier: 1

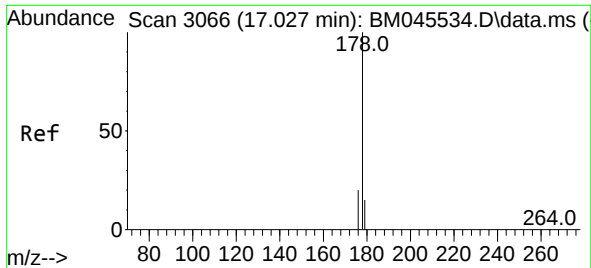
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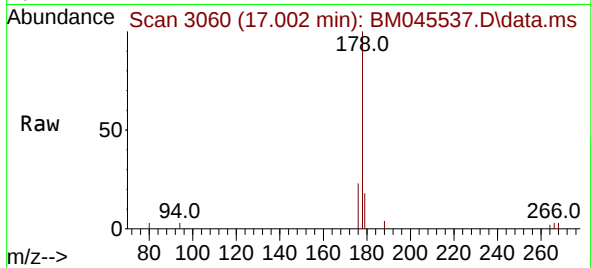
Quant Time: Apr 24 23:50:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

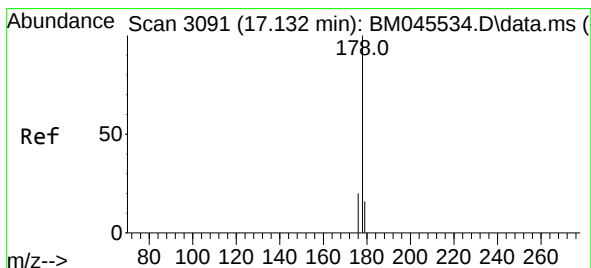
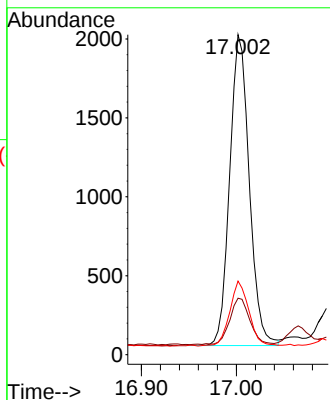
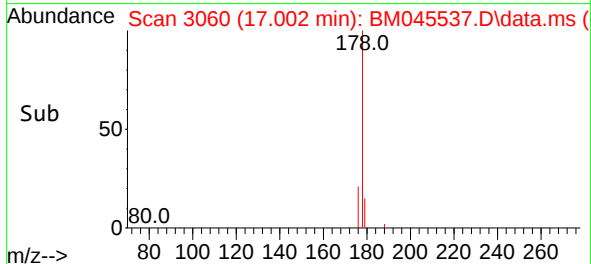
Instrument :
BNA_M
ClientSampleId :
C0S95



Tgt Ion:178 Resp: 282.0
Ion Ratio Lower Upper
178 100
179 17.7 15.4 23.2
176 23.0 19.0 28.4

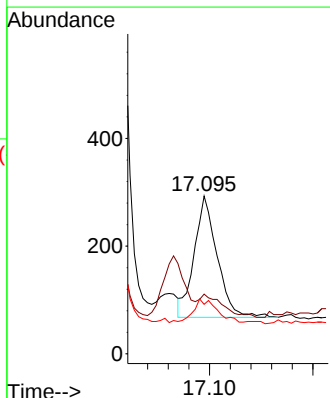
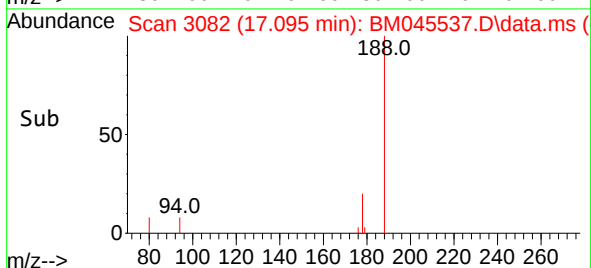
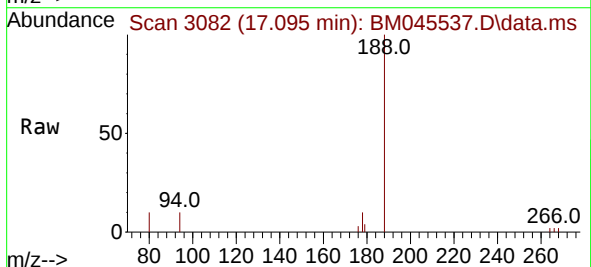
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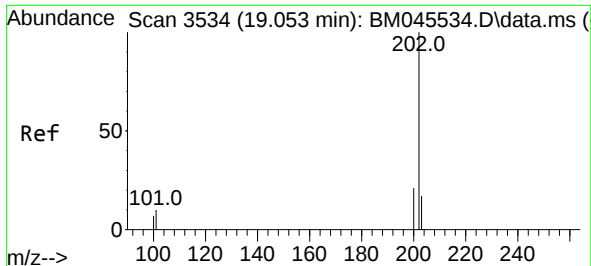
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.041 ng/ul
RT: 17.095 min Scan# 3082
Delta R.T. -0.024 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Tgt Ion:178 Resp: 347
Ion Ratio Lower Upper
178 100
179 37.9 17.8 26.6#
176 31.4 18.7 28.1#





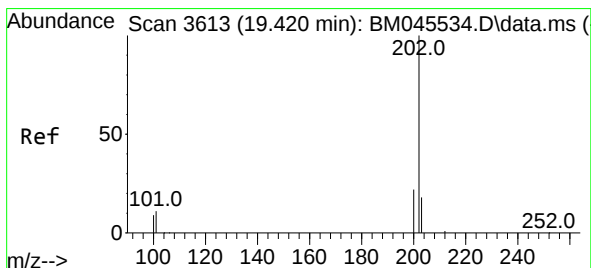
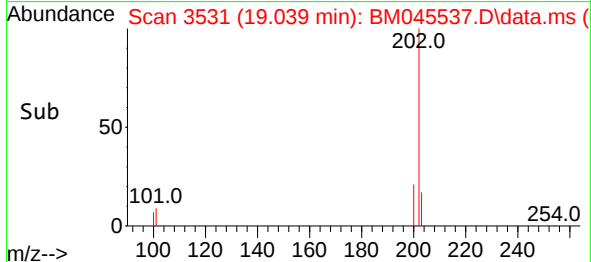
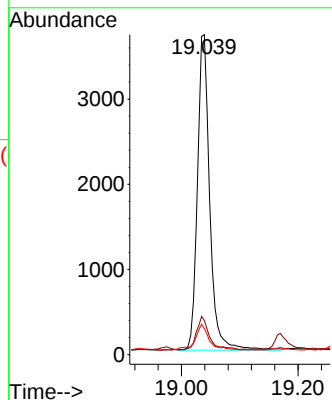
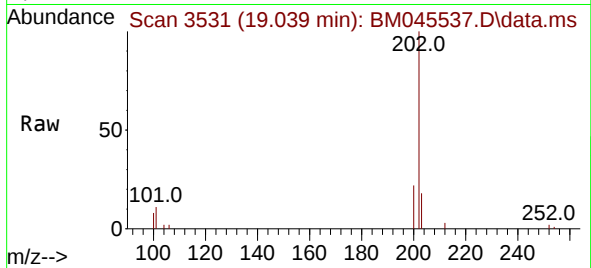
#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.008 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Instrument :
BNA_M
ClientSampleId :
C0S95

Tgt Ion:202 Resp: 544
Ion Ratio Lower Upper
202 100
101 10.6 11.2 16.8
100 8.1 9.1 13.7

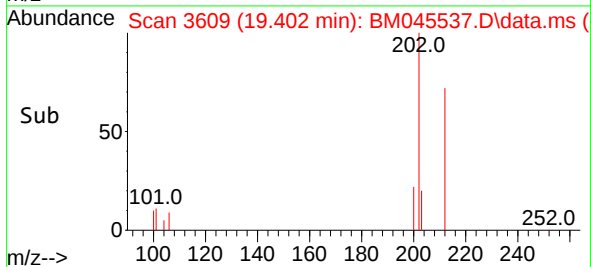
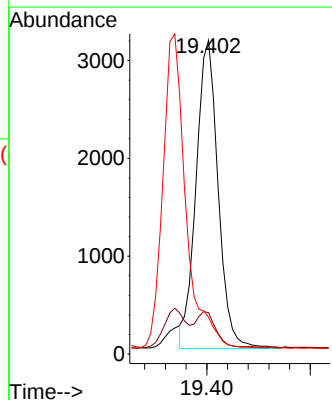
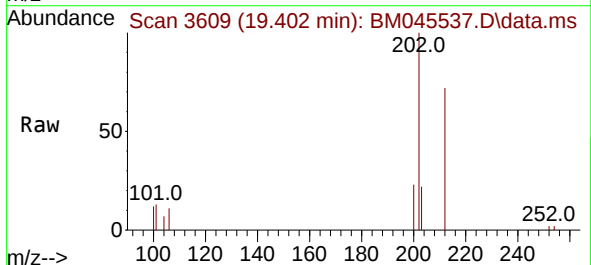
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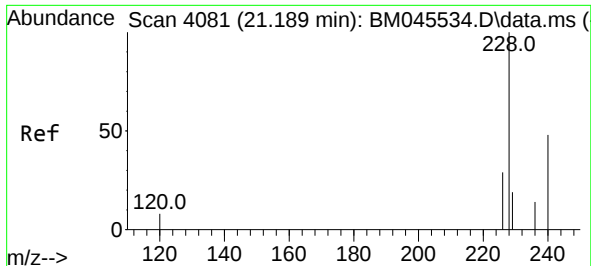
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.361 ng/ul m
RT: 19.402 min Scan# 3609
Delta R.T. -0.013 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

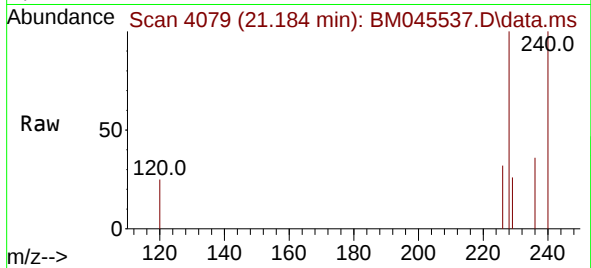
Tgt Ion:202 Resp: 4680
Ion Ratio Lower Upper
202 100
101 13.2 11.5 17.3
100 11.7 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.212 ng/u1
RT: 21.184 min Scan# 4081
Delta R.T. 0.002 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

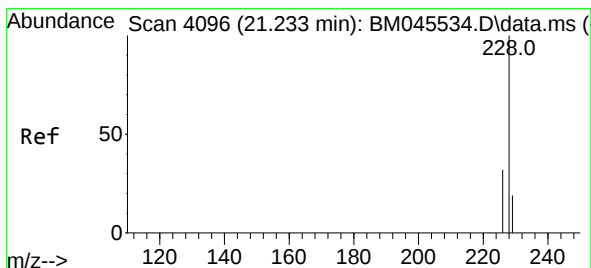
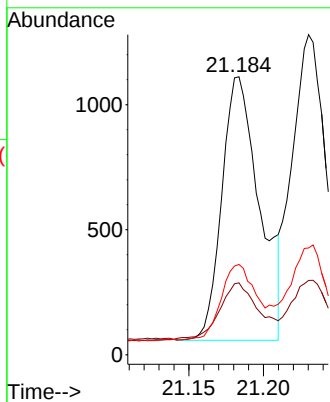
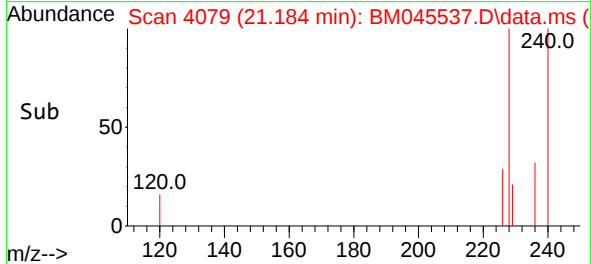
Instrument :
BNA_M
ClientSampleId :
COS95



Tgt Ion:228 Resp: 1849
Ion Ratio Lower Upper
228 100
229 25.9 19.4 29.2
226 32.5 26.3 39.5

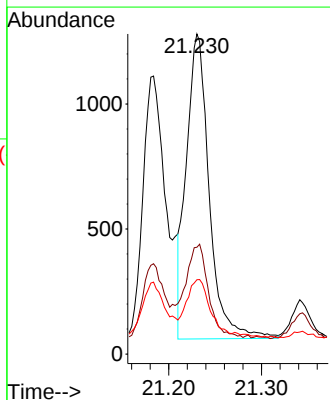
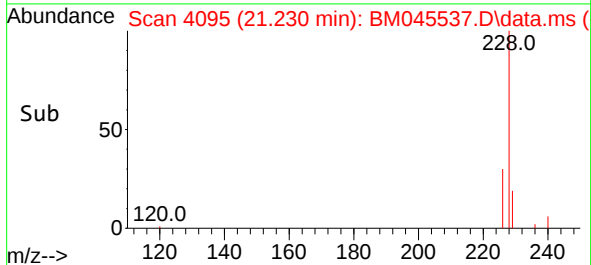
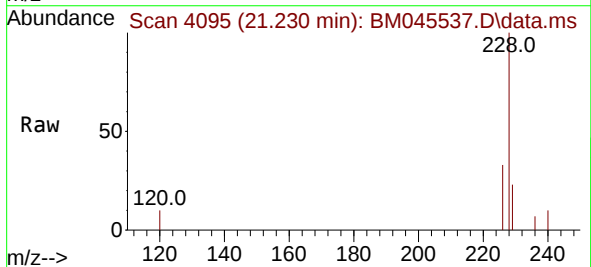
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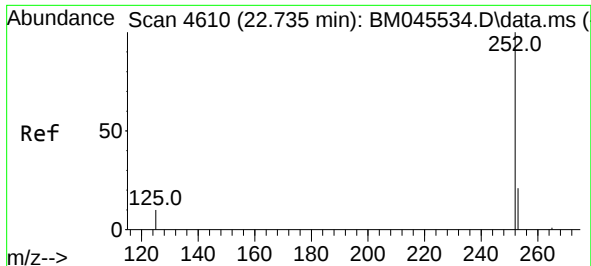
Reviewed By :Yogesh Patel 04/25/2024
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#22
Chrysene
Concen: 0.156 ng/u1
RT: 21.230 min Scan# 4095
Delta R.T. 0.002 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

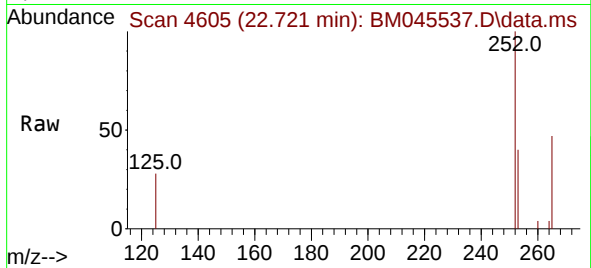
Tgt Ion:228 Resp: 2089
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 23.2 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.010 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

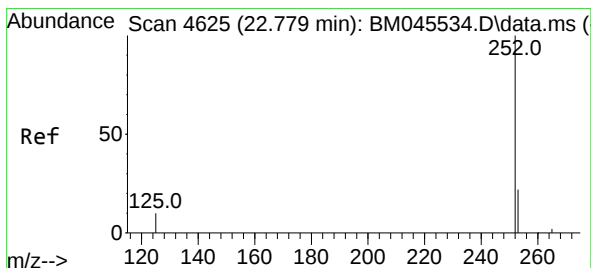
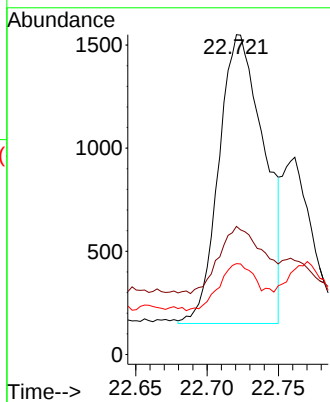
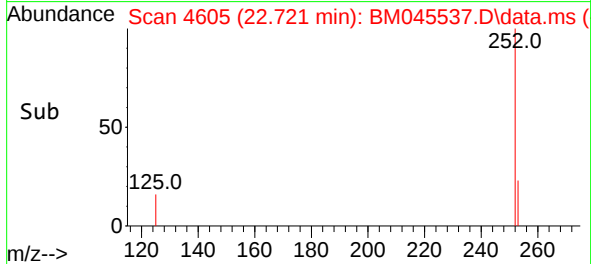
Instrument :
BNA_M
ClientSampleId :
C0S95



Tgt Ion:252 Resp: 3074
Ion Ratio Lower Upper
252 100
253 40.1 0.0 63.4
125 28.5 0.0 36.8

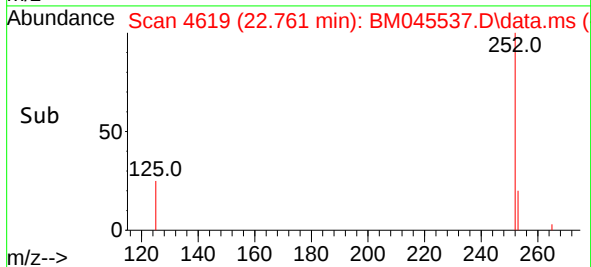
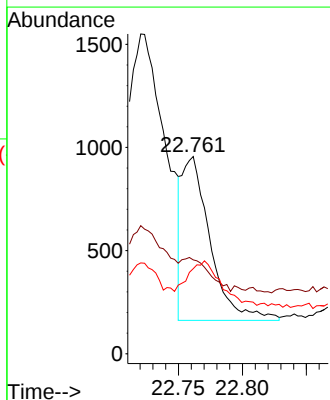
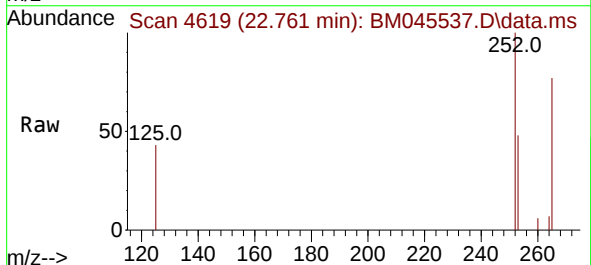
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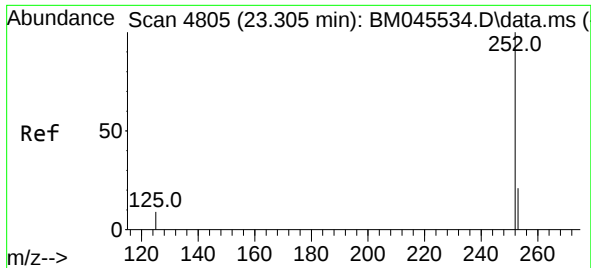
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.761 min Scan# 4619
Delta R.T. -0.009 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

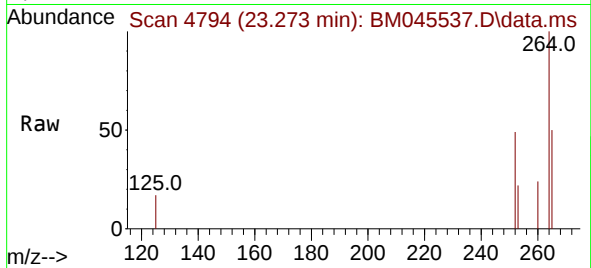
Tgt Ion:252 Resp: 1219
Ion Ratio Lower Upper
252 100
253 47.6 25.4 38.0#
125 43.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.018 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

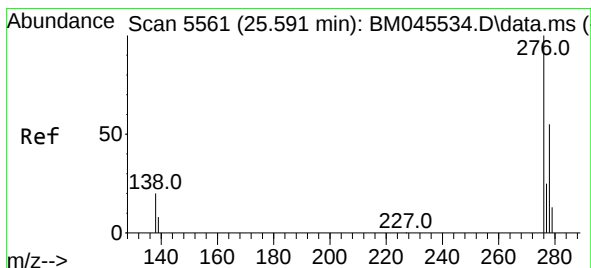
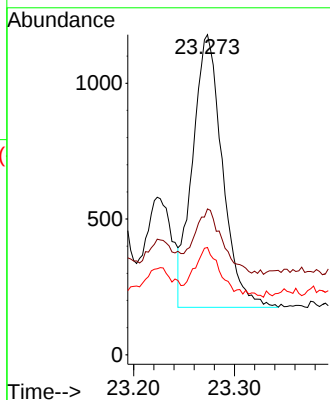
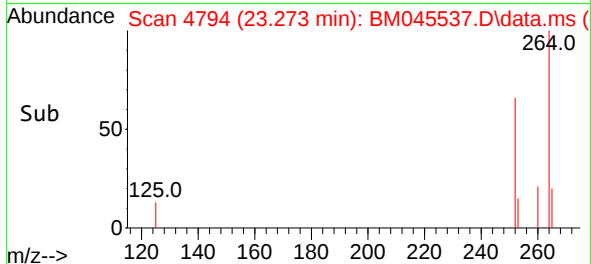
Instrument :
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Tgt Ion:252 Resp: 2060
Ion Ratio Lower Upper
252 100
253 45.5 31.6 47.4
125 33.5 19.5 29.3

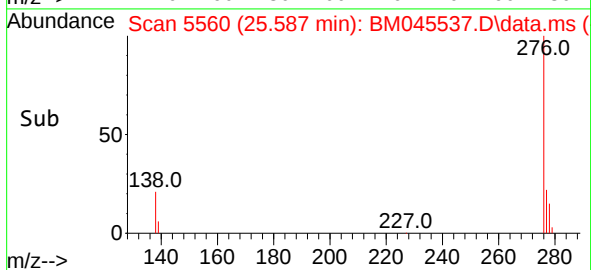
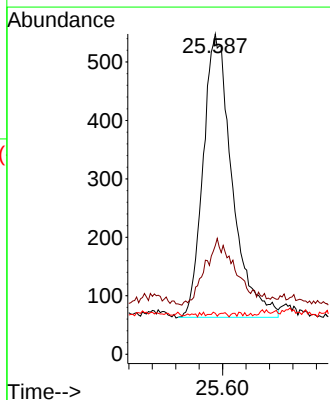
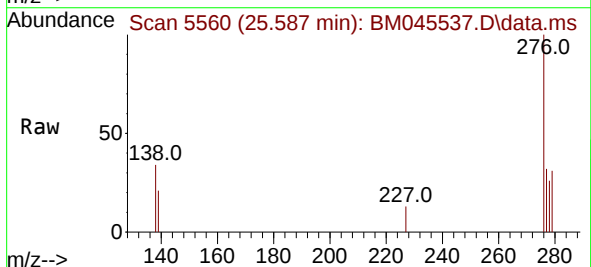
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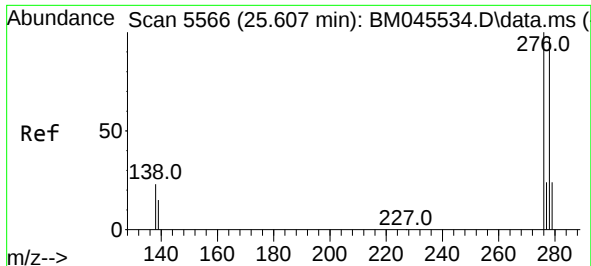
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.587 min Scan# 5560
Delta R.T. 0.016 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

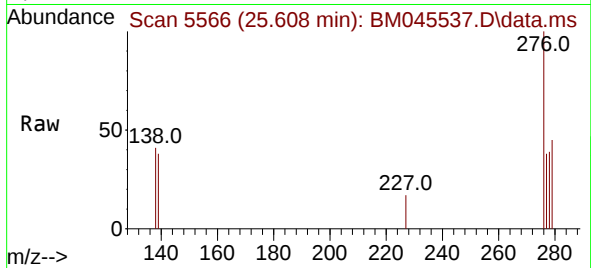
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Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.608 min Scan# 51
Delta R.T. 0.019 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

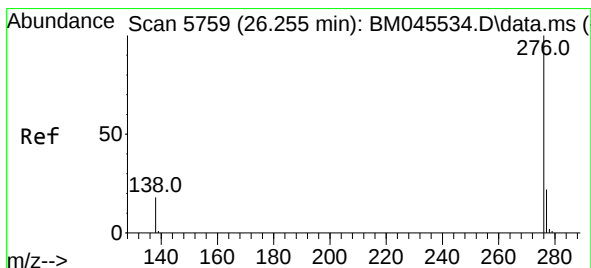
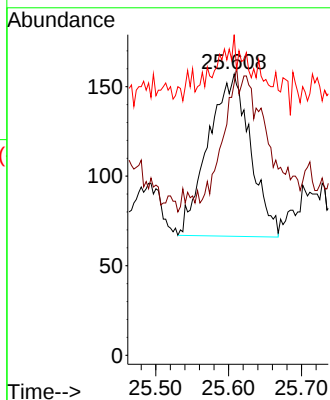
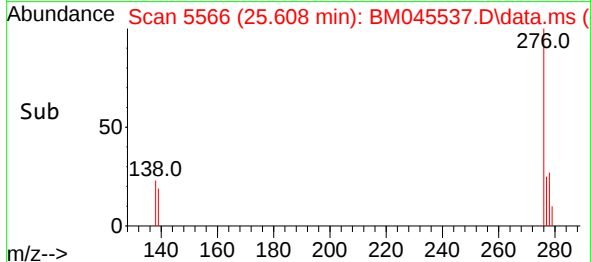
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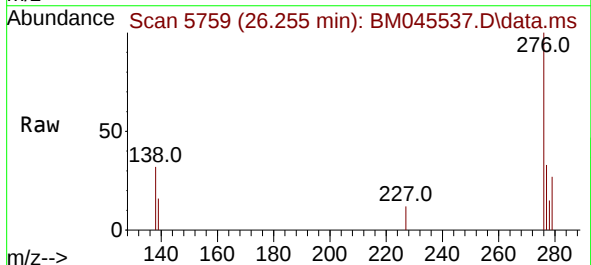
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Ion Ratio Lower Upper
278 100
139 96.8 19.0 28.6
279 114.0 29.4 44.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 26.255 min Scan# 5759
Delta R.T. 0.019 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19



Tgt Ion:276 Resp: 1785
Ion Ratio Lower Upper
276 100
138 32.0 20.8 31.2#
277 33.1 21.8 32.8#

