

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045574.D
 Acq On : 25 Apr 2024 22:10
 Operator : MA/JU
 Sample : P2037-23RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX8RE

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 23:14:50 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	904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2447	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.196	164	1676	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.963	188	3880m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240	8608m	0.400	ng/ul	0.00
23) Perylene-d12	23.403	264	11389m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4798	3.960	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.909	152	1175	0.364	ng/ul	-0.02
18) Fluoranthene-d10	19.010	212	6075m	0.224	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.358	128	2024	0.308	ng/ul	97
7) 2-Methylnaphthalene	11.986	142	1460	0.389	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	1665	0.396	ng/ul	99
10) Acenaphthylene	13.909	152	2238	0.271	ng/ul#	1
11) Acenaphthene	14.261	153	564	0.092	ng/ul#	69
15) Phenanthrene	17.001	178	27514m	2.435	ng/ul	
19) Fluoranthene	19.043	202	62015m	1.561	ng/ul	
20) Pyrene	19.410	202	83707	2.050	ng/ul	98
21) Benzo(a)anthracene	21.176	228	28750m	1.045	ng/ul	
22) Chrysene	21.225	228	56413m	1.333	ng/ul	
24) Benzo(b)fluoranthene	22.745	252	69635m	1.818	ng/ul	
25) Benzo(k)fluoranthene	22.783	252	25086m	0.518	ng/ul	
26) Benzo(a)pyrene	23.306	252	32543m	0.819	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.612	276	22664	0.392	ng/ul#	59
29) Benzo(g,h,i)perylene	26.289	276	20779	0.400	ng/ul#	1

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

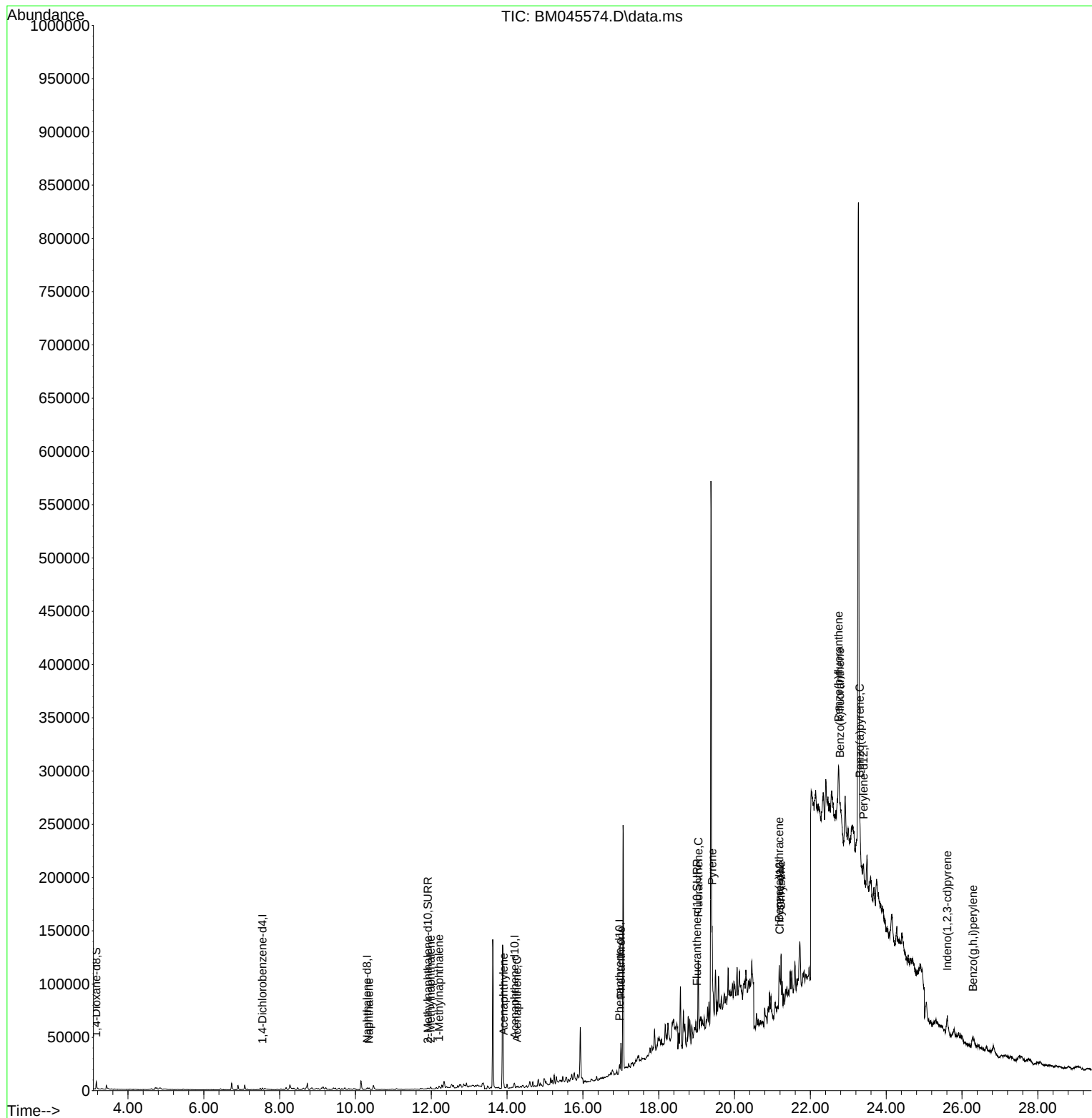
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045574.D
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ALS Vial : 10 Sample Multiplier: 1

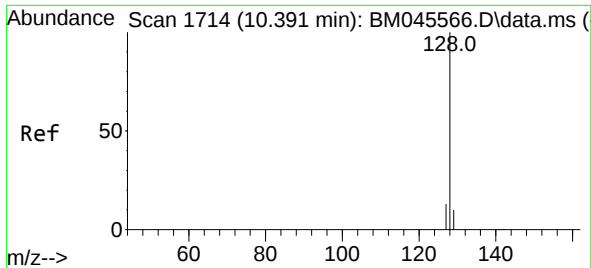
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Quant Time: Apr 25 23:14:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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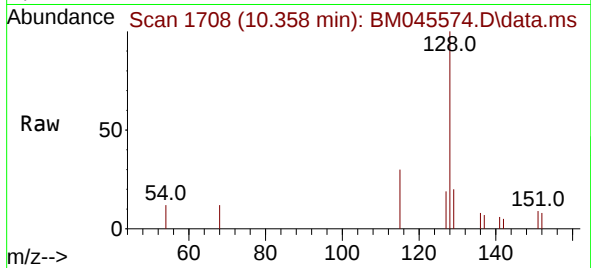
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.358 min Scan# 11
Delta R.T. -0.022 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

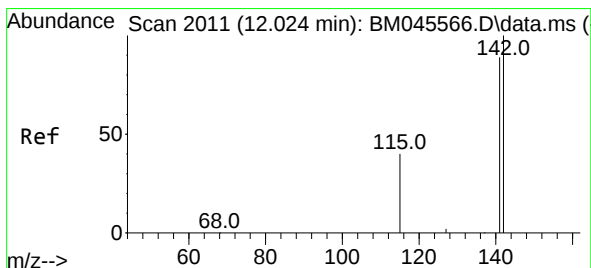
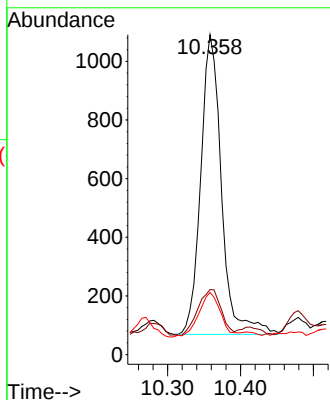
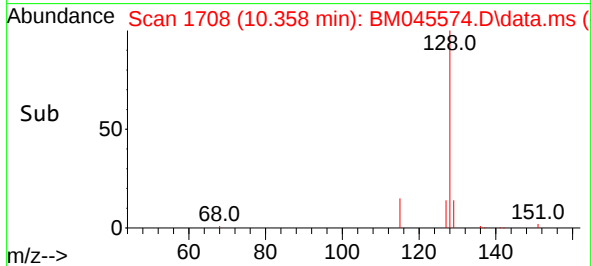
Instrument :
BNA_M
ClientSampleId :
E1CX8RE



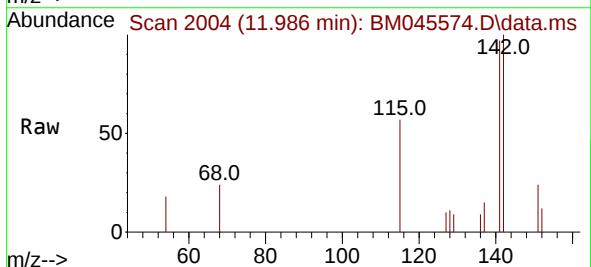
Tgt Ion:128 Resp: 2024
Ion Ratio Lower Upper
128 100
129 20.3 14.0 21.0
127 19.4 15.4 23.2

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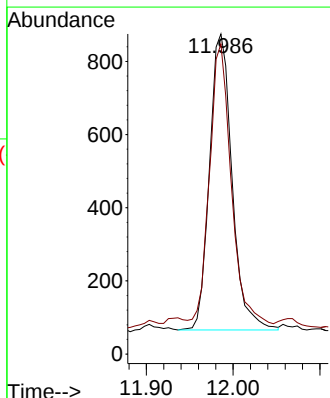
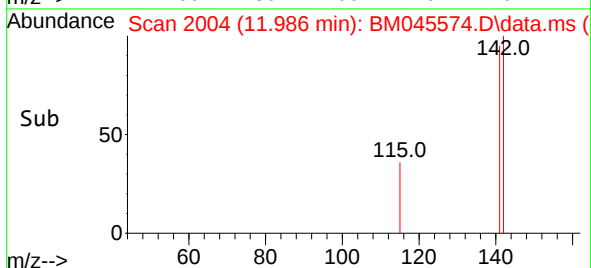
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

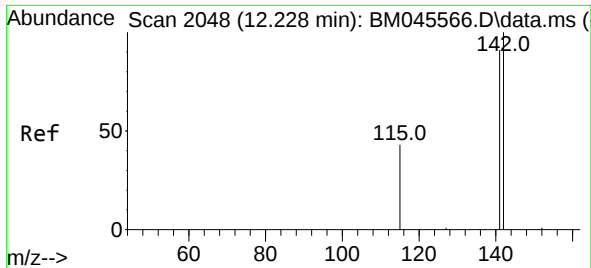


#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10



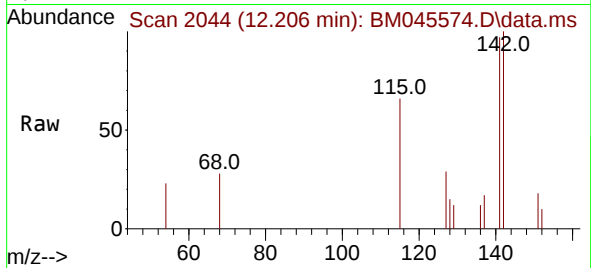
Tgt Ion:142 Resp: 1460
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.206 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

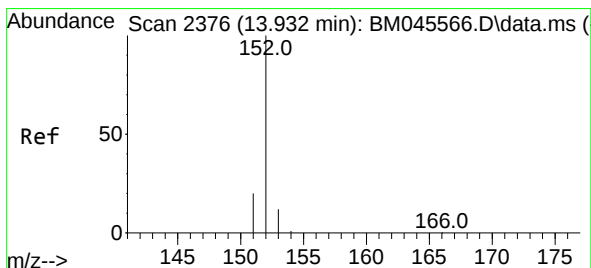
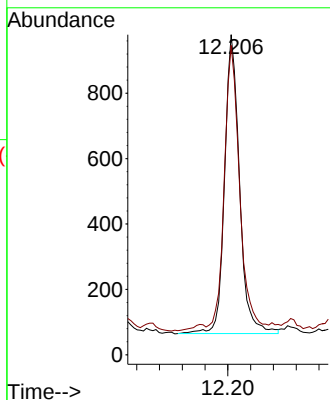
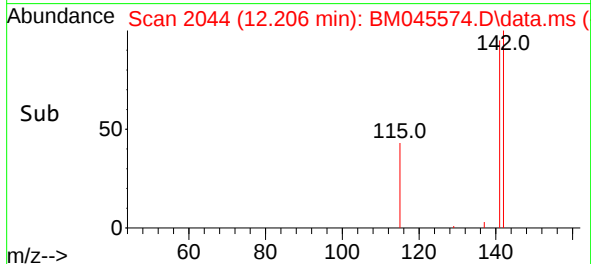
Instrument :
BNA_M
ClientSampleId :
E1CX8RE



Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
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141 96.1 76.1 114.1

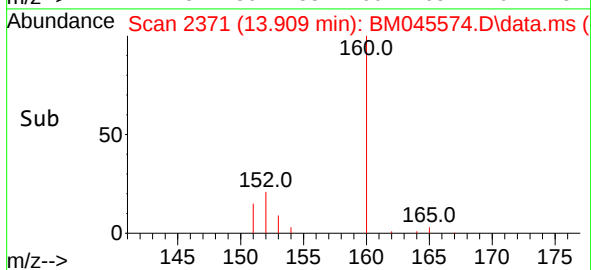
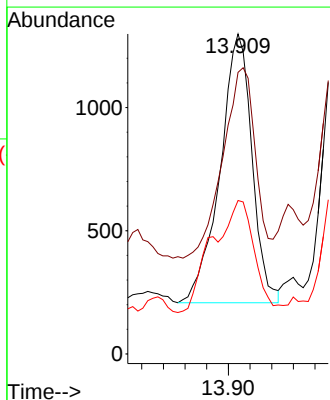
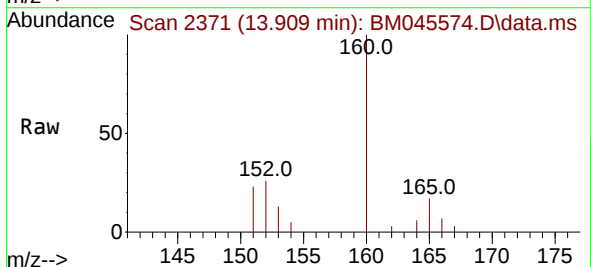
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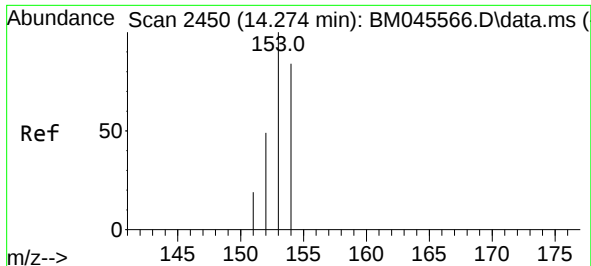
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

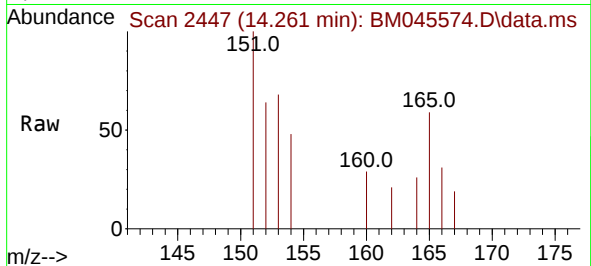
Tgt Ion:152 Resp: 2238
Ion Ratio Lower Upper
152 100
151 88.0 18.6 28.0#
153 48.0 14.1 21.1#





#11
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

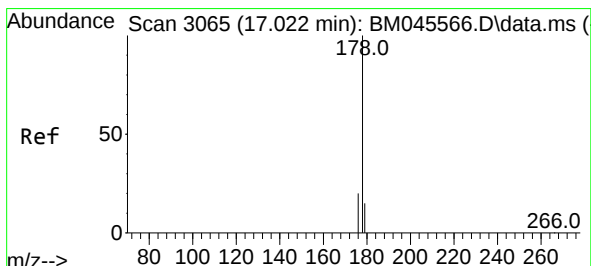
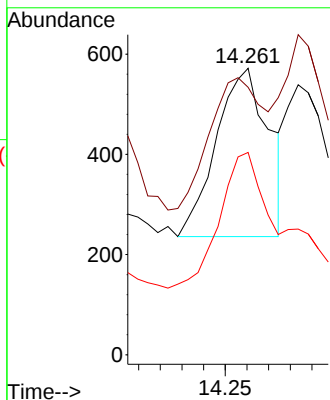
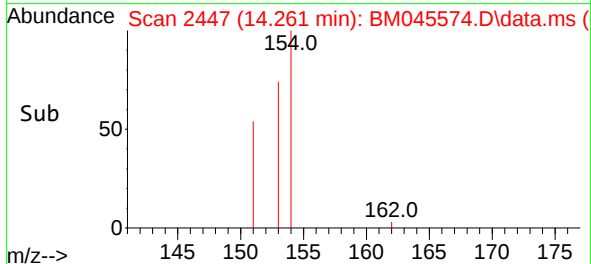
Instrument :
BNA_M
ClientSampleId :
E1CX8RE



Tgt Ion:153 Resp: 564
Ion Ratio Lower Upper
153 100
152 93.4 43.4 65.2
154 70.6 69.0 103.6

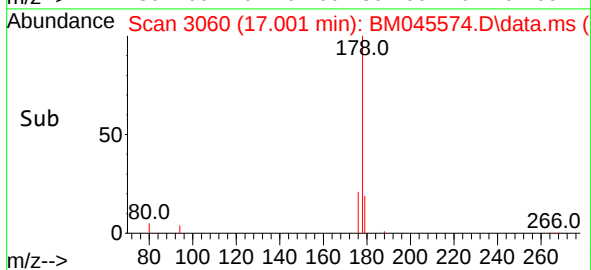
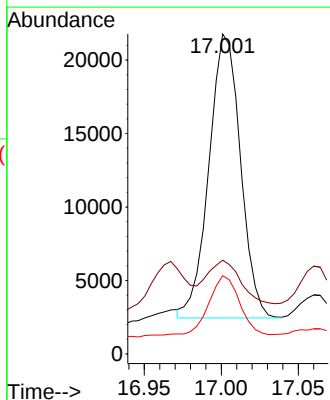
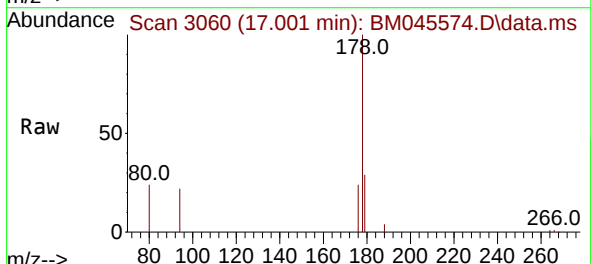
Manual Integrations
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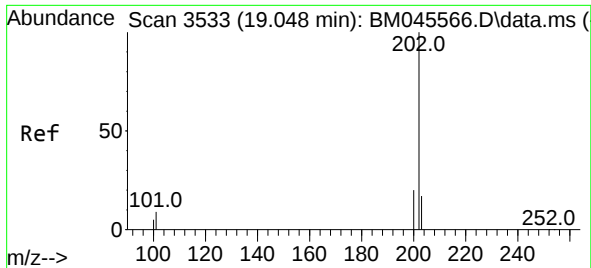
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 2.435 ng/ul m
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

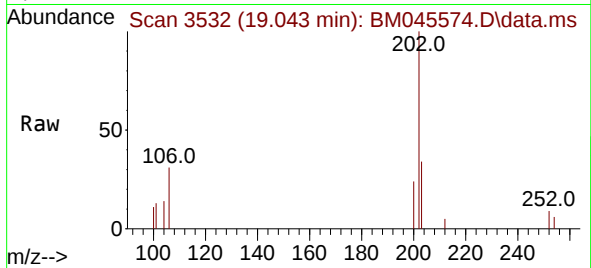
Tgt Ion:178 Resp: 27514
Ion Ratio Lower Upper
178 100
179 29.3 15.4 23.2
176 24.5 19.0 28.4





#19
Fluoranthene
Concen: 1.561 ng/ul m
RT: 19.043 min Scan# 3533
Delta R.T. -0.004 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

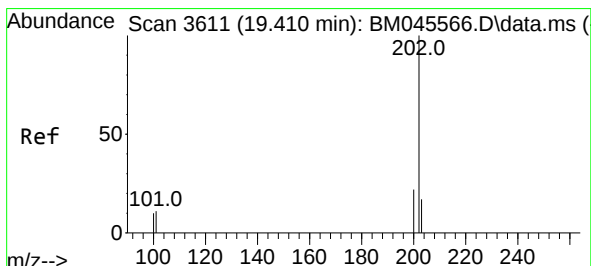
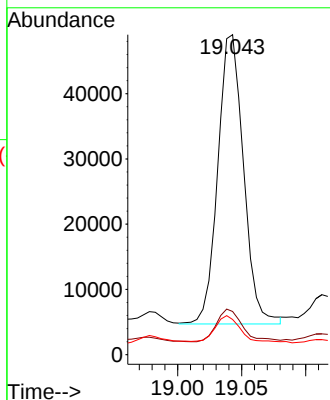
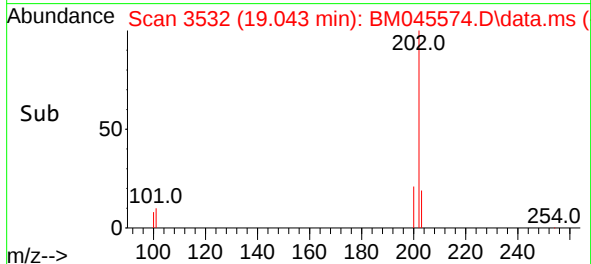
Instrument :
BNA_M
ClientSampleId :
E1CX8RE



Tgt Ion:202 Resp: 62015
Ion Ratio Lower Upper
202 100
101 13.5 11.2 16.8
100 11.0 9.1 13.7

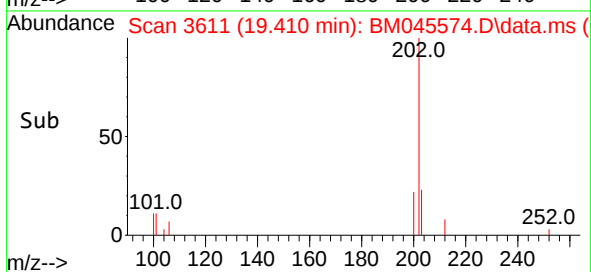
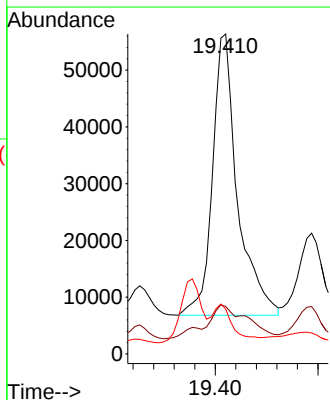
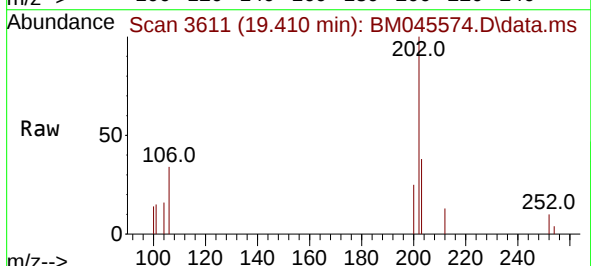
Manual Integrations
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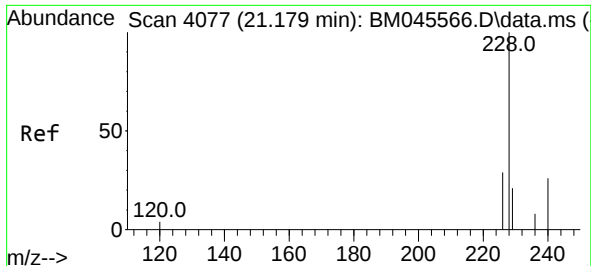
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 2.050 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

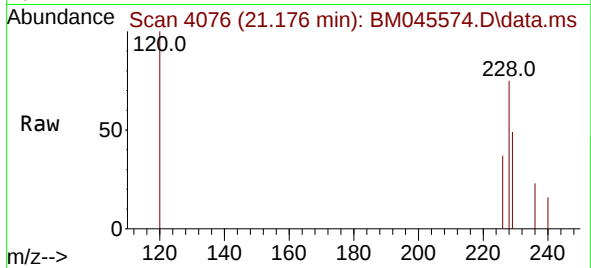
Tgt Ion:202 Resp: 83707
Ion Ratio Lower Upper
202 100
101 14.8 11.5 17.3
100 14.0 10.6 15.8





#21
Benzo(a)anthracene
Concen: 1.045 ng/ul m
RT: 21.176 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

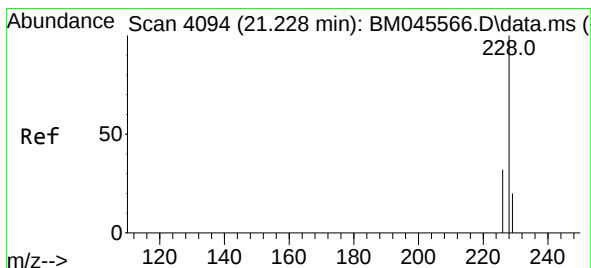
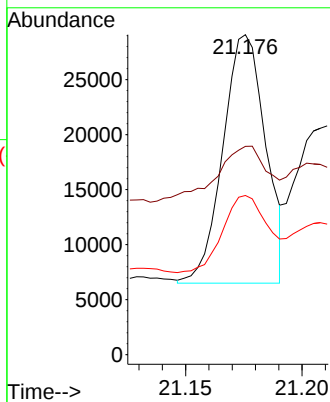
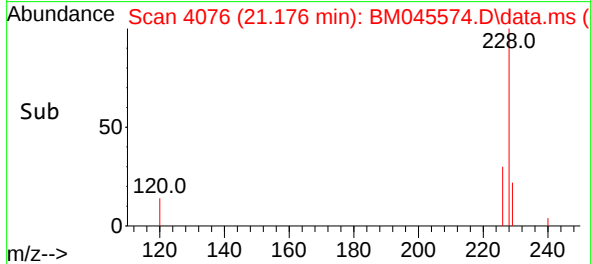
Instrument :
BNA_M
ClientSampleId :
E1CX8RE



Tgt Ion:228 Resp: 28750
Ion Ratio Lower Upper
228 100
229 65.1 19.4 29.2#
226 49.7 26.3 39.5#

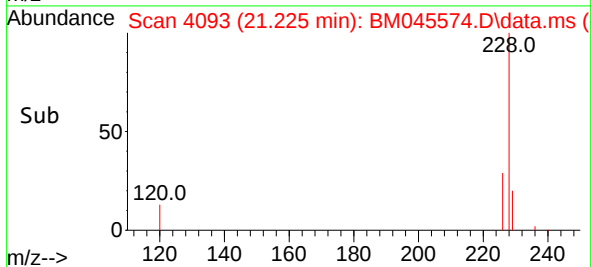
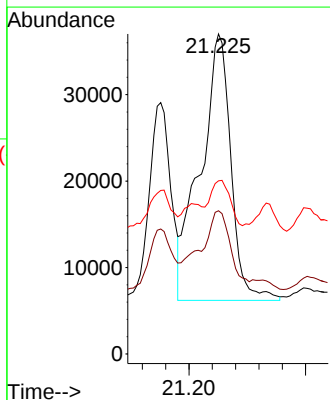
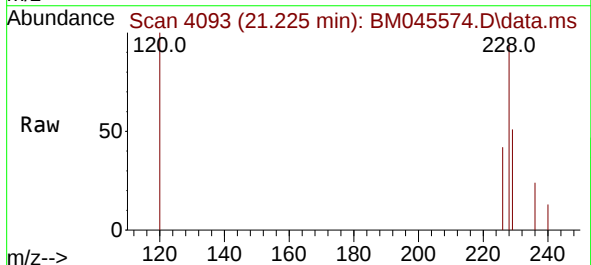
Manual Integrations
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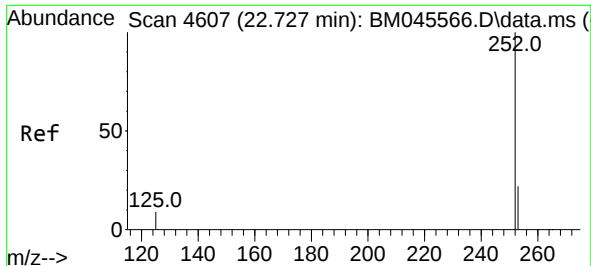
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 1.333 ng/ul m
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

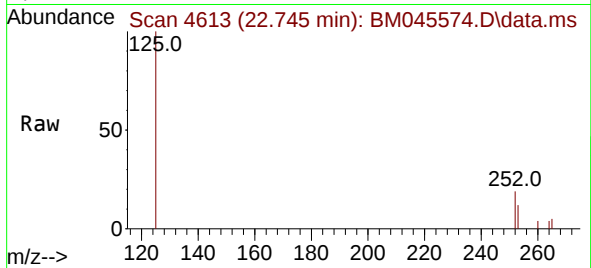
Tgt Ion:228 Resp: 56413
Ion Ratio Lower Upper
228 100
226 44.7 26.3 39.5#
229 54.1 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 1.818 ng/ul m
RT: 22.745 min Scan# 4613
Delta R.T. 0.015 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

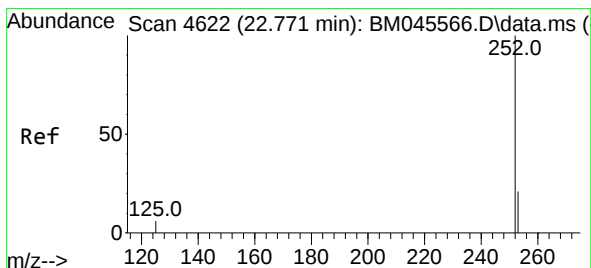
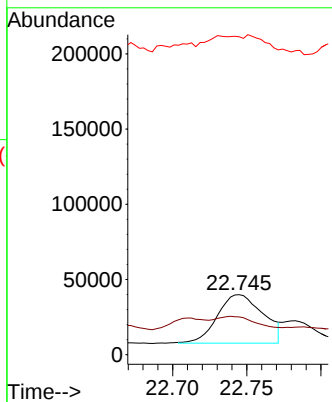
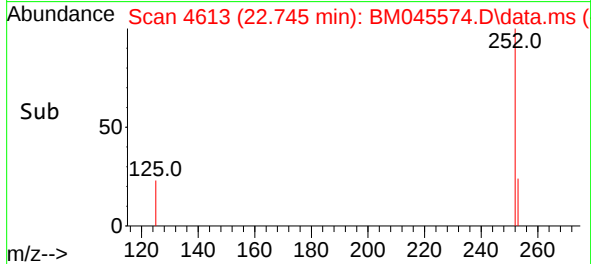
Instrument :
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ClientSampleId :
E1CX8RE



Tgt Ion:252 Resp: 69635
Ion Ratio Lower Upper
252 100
253 62.9 0.0 63.4
125 530.1 0.0 36.8

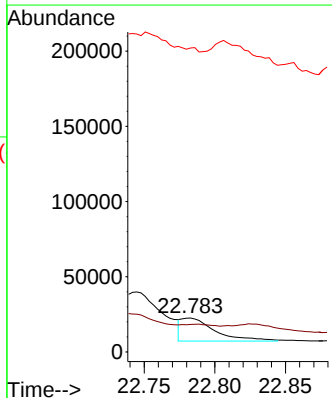
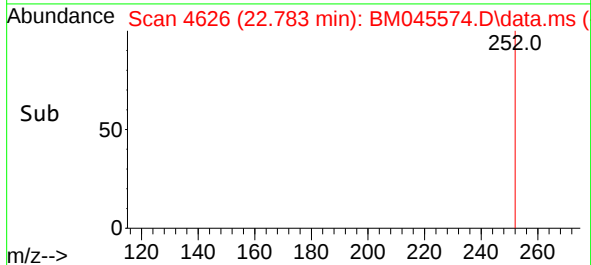
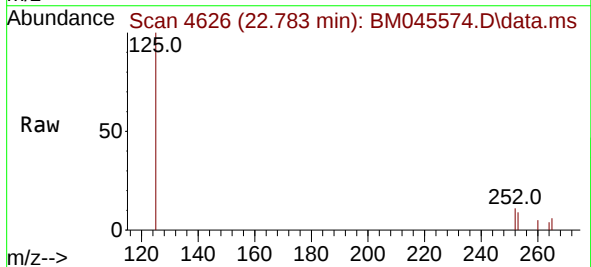
Manual Integrations
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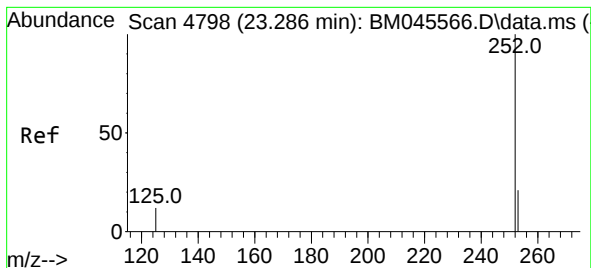
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.783 min Scan# 4626
Delta R.T. 0.012 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

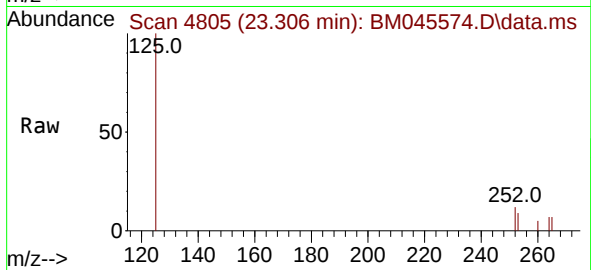
Tgt Ion:252 Resp: 25086
Ion Ratio Lower Upper
252 100
253 81.2 25.4 38.0#
125 896.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.819 ng/ul m
RT: 23.306 min Scan# 4798
Delta R.T. 0.015 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

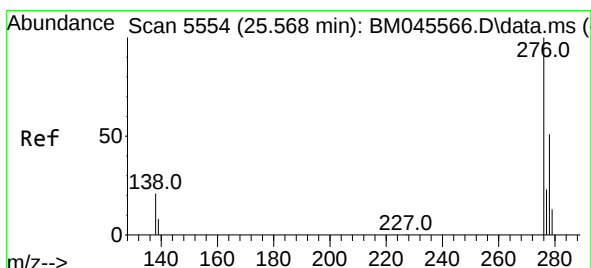
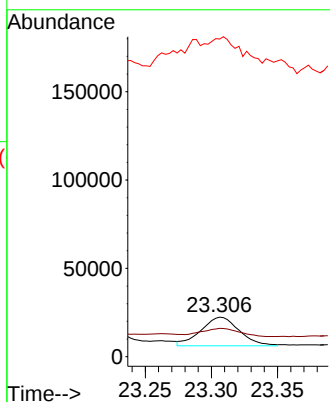
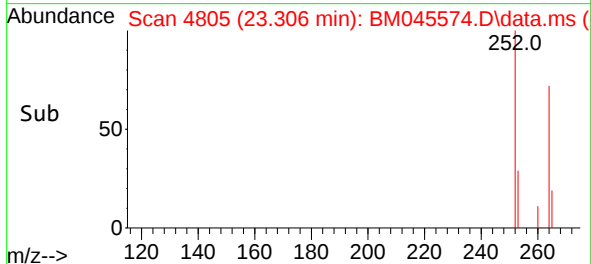
Instrument :
BNA_M
ClientSampleId :
E1CX8RE



Tgt Ion:252 Resp: 3254
Ion Ratio Lower Upper
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253 71.7 31.6 47.4#
125 803.1 19.5 29.3#

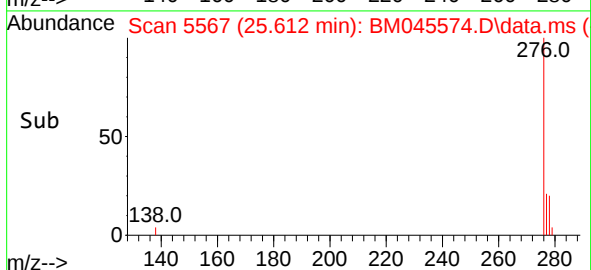
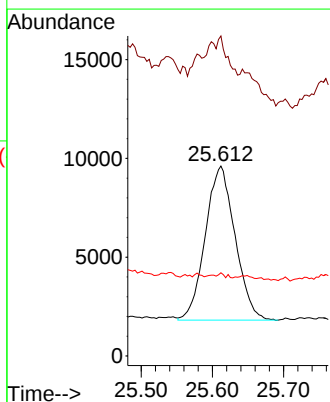
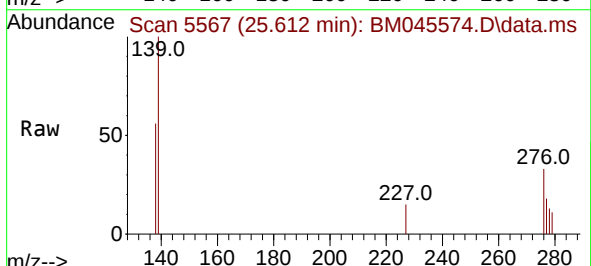
Manual Integrations
APPROVED

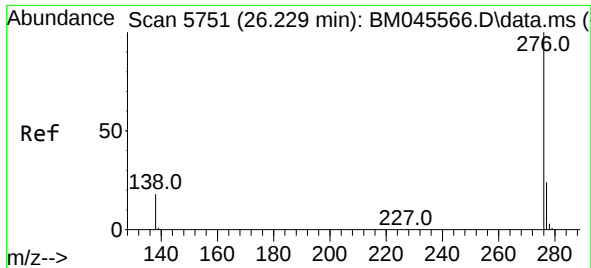
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.612 min Scan# 5567
Delta R.T. 0.040 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

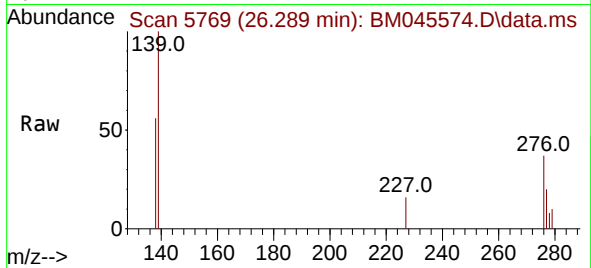
Tgt Ion:276 Resp: 22664
Ion Ratio Lower Upper
276 100
138 45.2 19.8 29.6#
227 0.0 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.289 min Scan# 51
Delta R.T. 0.054 min
Lab File: BM045574.D
Acq: 25 Apr 2024 22:10

Instrument :
BNA_M
ClientSampleId :
E1CX8RE



Tgt Ion:276 Resp: 20779
Ion Ratio Lower Upper
276 100
138 153.0 20.8 31.2
277 53.7 21.8 32.8

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