

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045571.D
 Acq On : 25 Apr 2024 20:19
 Operator : MA/JU
 Sample : P2037-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 23:03:53 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	764	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2193	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1175	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2563m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.182	240	2211	0.400	ng/ul	-0.01
23) Perylene-d12	23.368	264	2848m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5088	4.969	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	928	0.321	ng/ul	-0.01
18) Fluoranthene-d10	19.001	212	1922	0.276	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	782	0.133	ng/ul#	90
7) 2-Methylnaphthalene	11.997	142	343	0.102	ng/ul	93
8) 1-Methylnaphthalene	12.217	142	205	0.054	ng/ul	94
10) Acenaphthylene	13.914	152	427	0.074	ng/ul#	68
11) Acenaphthene	14.256	153	126	0.029	ng/ul#	88
12) Fluorene	15.264	166	115	0.025	ng/ul#	87
15) Phenanthrene	17.001	178	3535	0.474	ng/ul	97
16) Anthracene	17.094	178	673m	0.096	ng/ul	
19) Fluoranthene	19.034	202	7059	0.692	ng/ul#	91
20) Pyrene	19.396	202	5726m	0.546	ng/ul	
21) Benzo(a)anthracene	21.167	228	2986	0.423	ng/ul	96
22) Chrysene	21.217	228	4292	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.716	252	6716m	0.701	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	2468m	0.204	ng/ul	
26) Benzo(a)pyrene	23.268	252	3560	0.358	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.555	276	4166	0.288	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.558	278	1023	0.089	ng/ul#	39
29) Benzo(g,h,i)perylene	26.219	276	4638	0.357	ng/ul	98

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

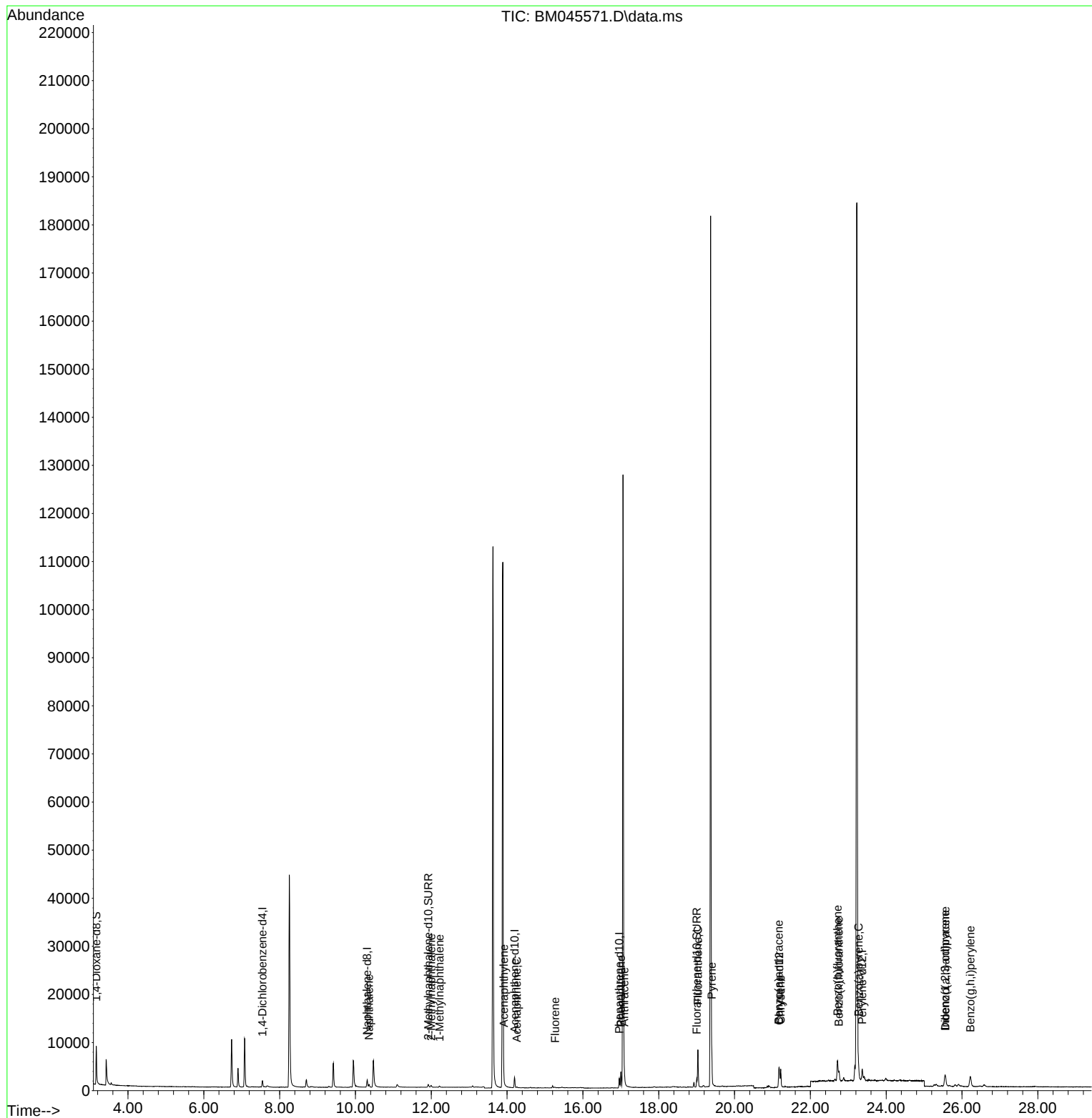
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045571.D
Acq On : 25 Apr 2024 20:19
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ALS Vial : 7 Sample Multiplier: 1

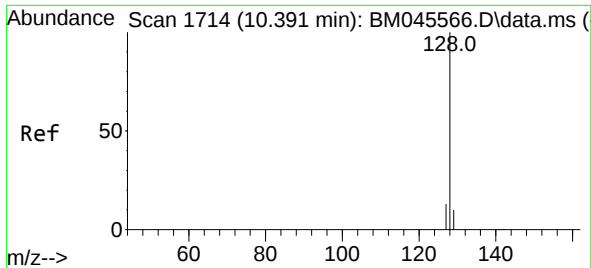
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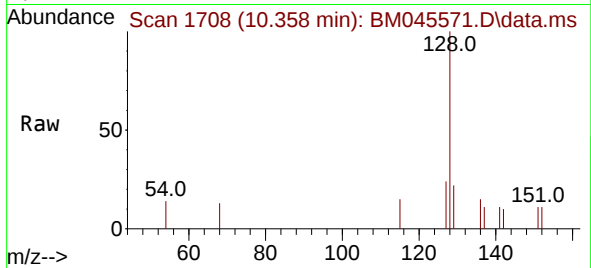
Quant Time: Apr 25 23:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.358 min Scan# 11
Delta R.T. -0.022 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

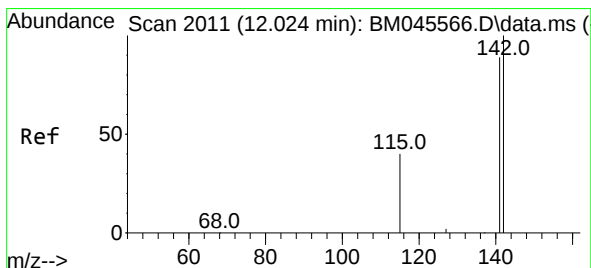
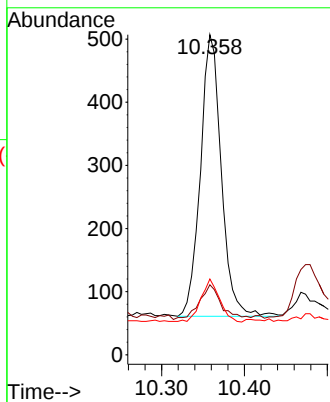
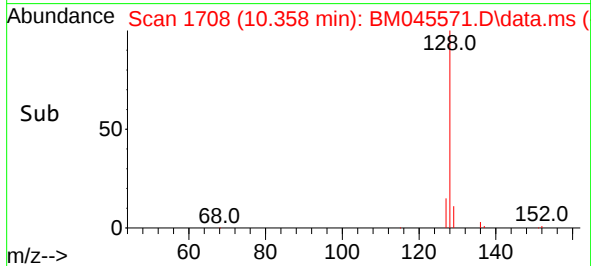
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:128 Resp: 782
Ion Ratio Lower Upper
128 100
129 21.9 14.0 21.0
127 23.7 15.4 23.2

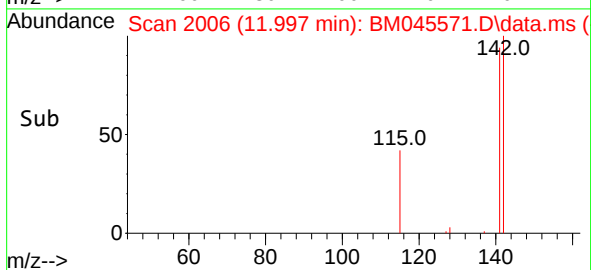
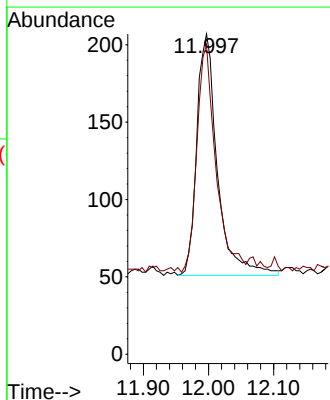
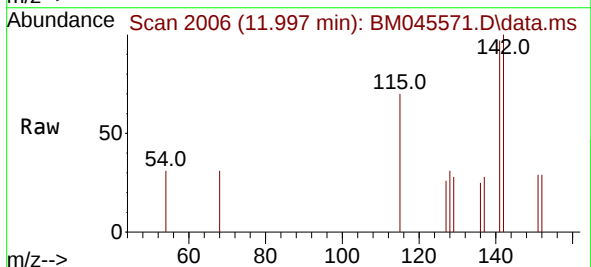
Manual Integrations
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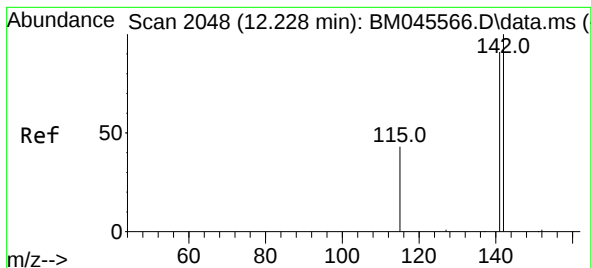
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

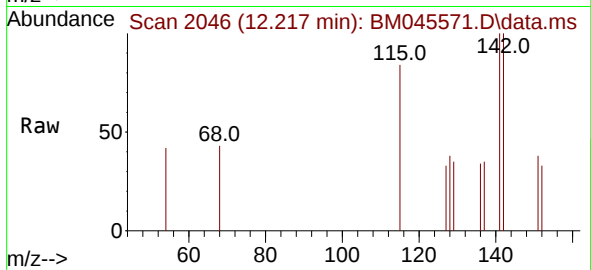
Tgt Ion:142 Resp: 343
Ion Ratio Lower Upper
142 100
141 86.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

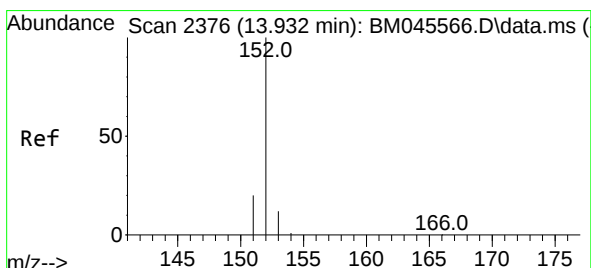
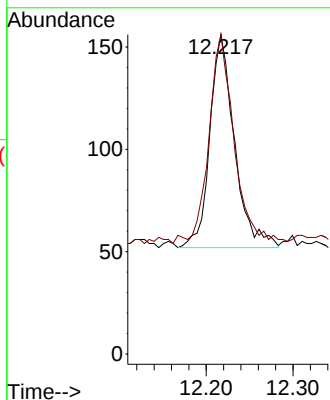
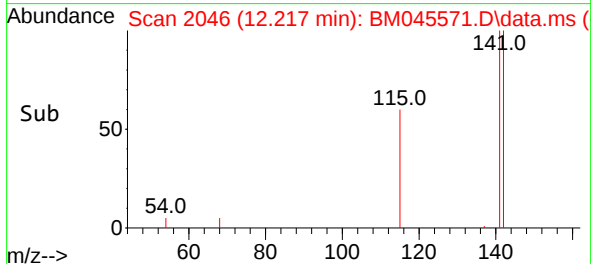
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
141 101.0 76.1 114.1

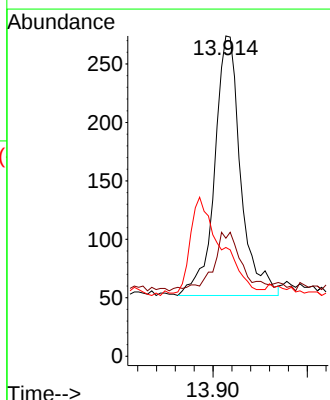
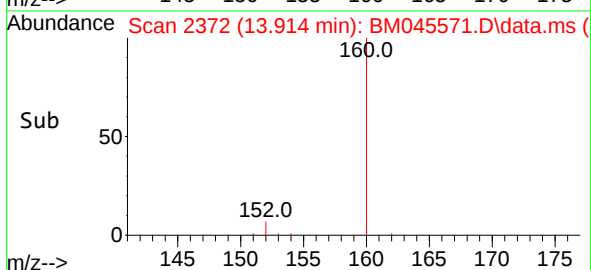
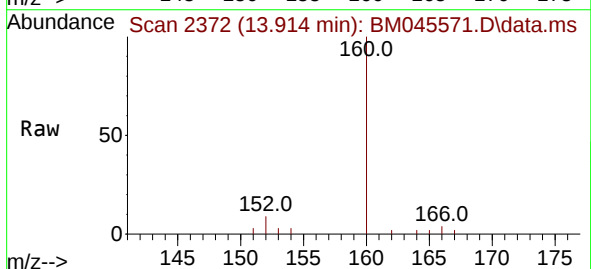
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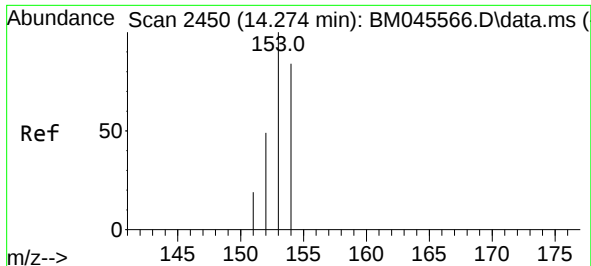
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 13.914 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

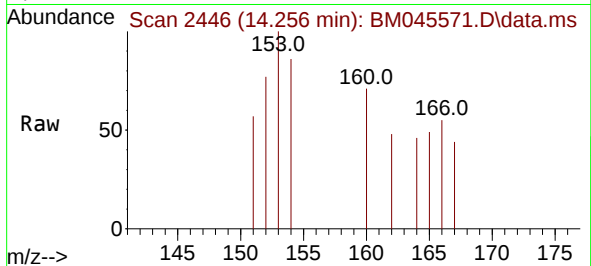
Tgt Ion:152 Resp: 427
Ion Ratio Lower Upper
152 100
151 36.9 18.6 28.0#
153 33.9 14.1 21.1#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

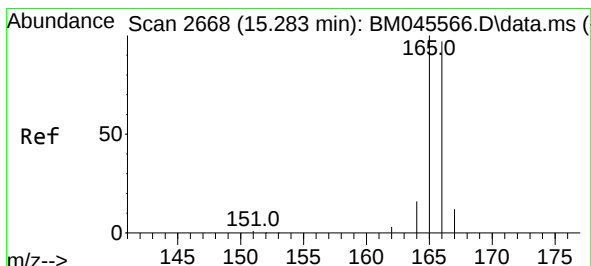
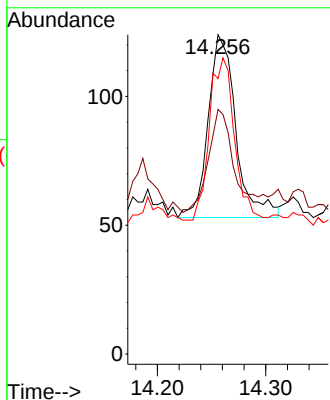
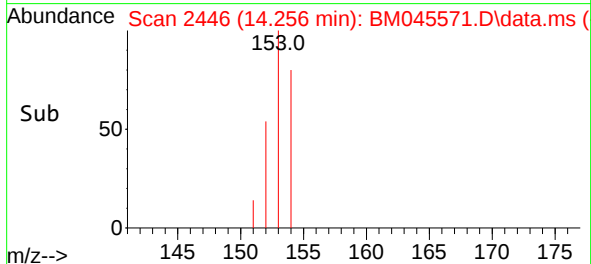
Instrument :
BNA_M
ClientSampleId :
E1CY3



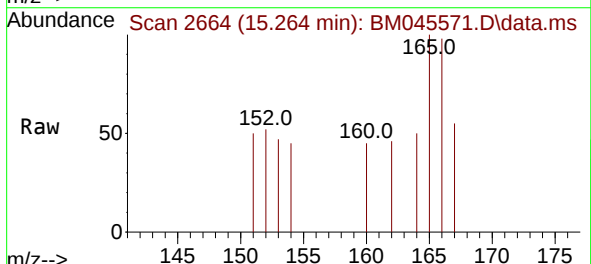
Tgt Ion:153 Resp: 120
Ion Ratio Lower Upper
153 100
152 76.6 43.4 65.2
154 86.3 69.0 103.6

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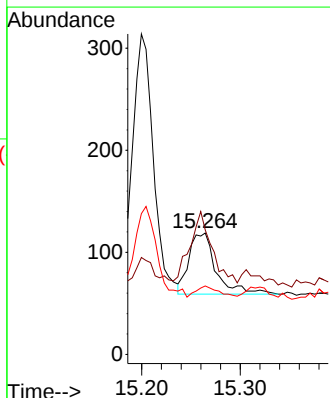
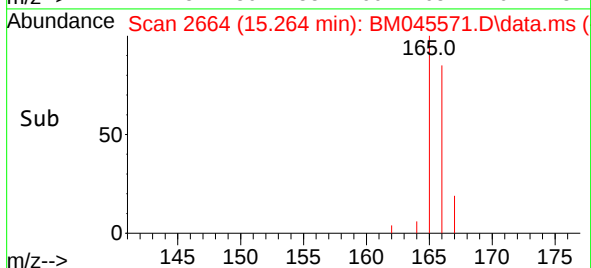
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

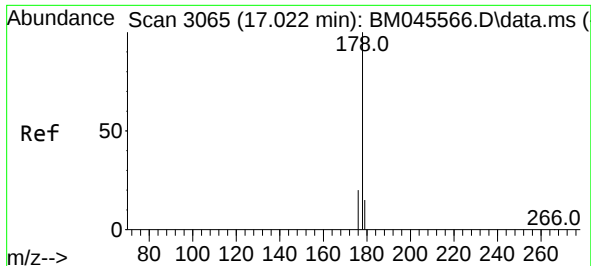


#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.264 min Scan# 2664
Delta R.T. -0.014 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19



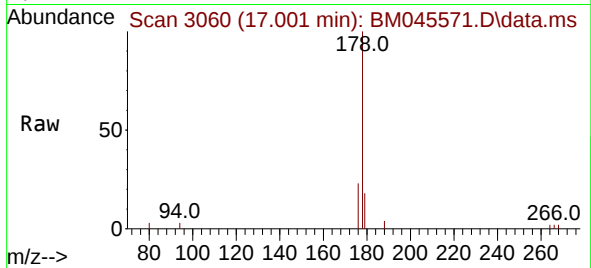
Tgt Ion:166 Resp: 115
Ion Ratio Lower Upper
166 100
165 102.5 82.2 123.2
167 56.3 14.8 22.2#





#15
Phenanthrene
Concen: 0.474 ng/ul
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

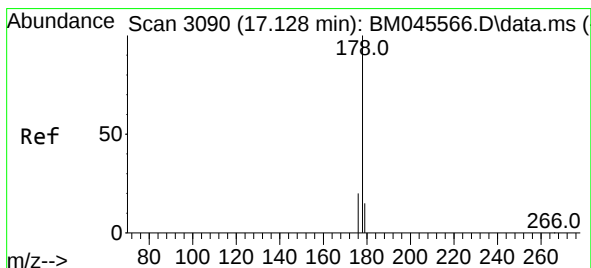
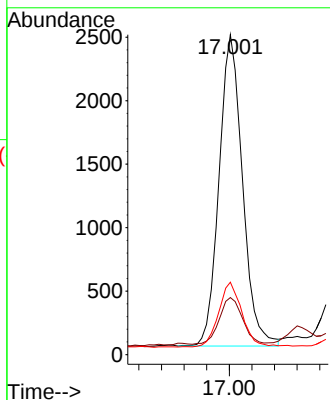
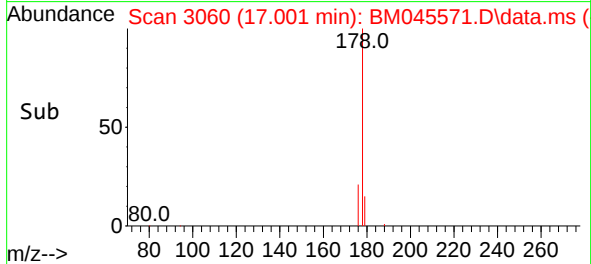
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:178 Resp: 353
Ion Ratio Lower Upper
178 100
179 17.9 15.4 23.2
176 22.7 19.0 28.4

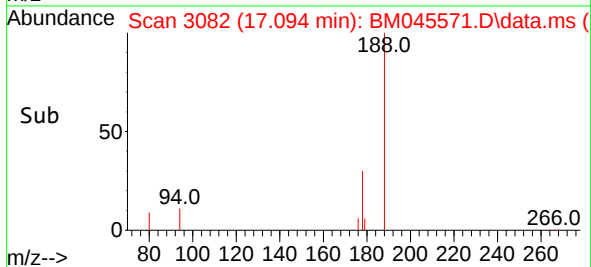
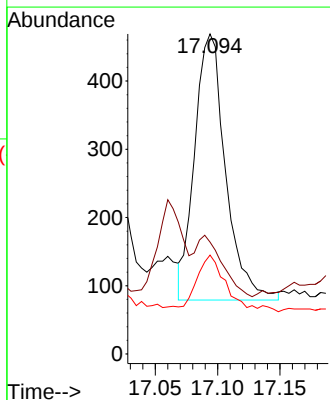
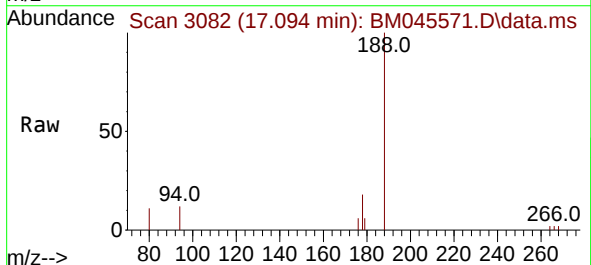
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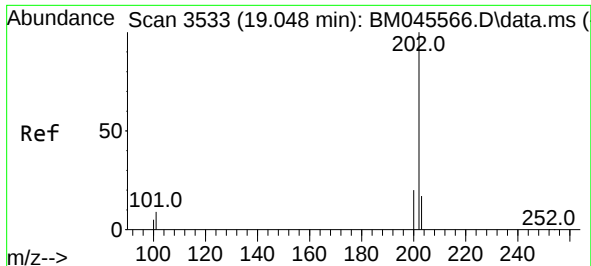
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.096 ng/ul m
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

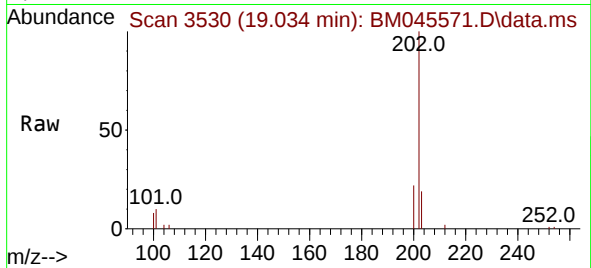
Tgt Ion:178 Resp: 673
Ion Ratio Lower Upper
178 100
179 35.0 17.8 26.6#
176 30.9 18.7 28.1#





#19
Fluoranthene
Concen: 0.692 ng/ul
RT: 19.034 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

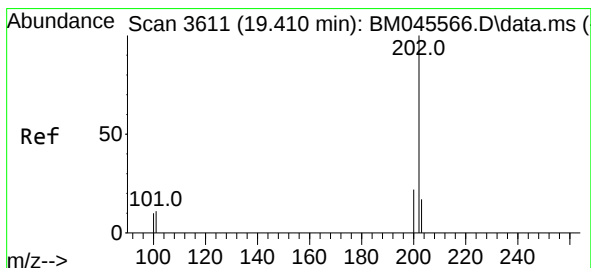
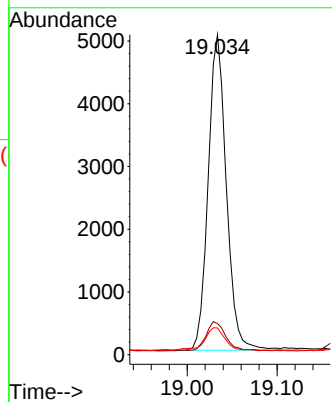
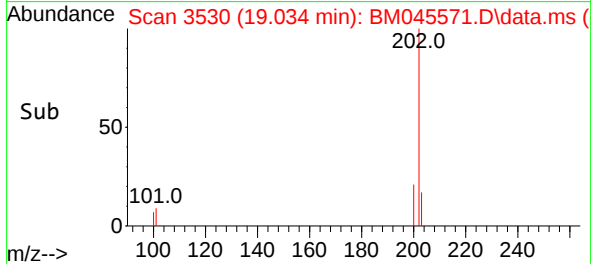
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:202 Resp: 7059
Ion Ratio Lower Upper
202 100
101 9.7 11.2 16.8
100 8.3 9.1 13.7

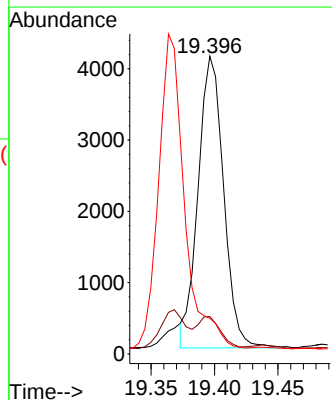
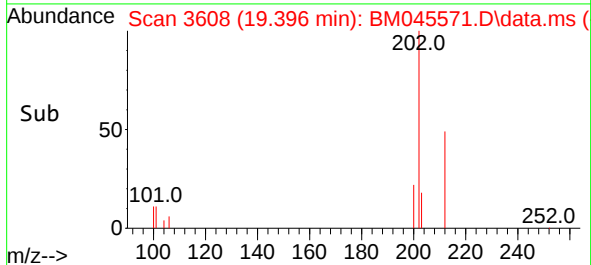
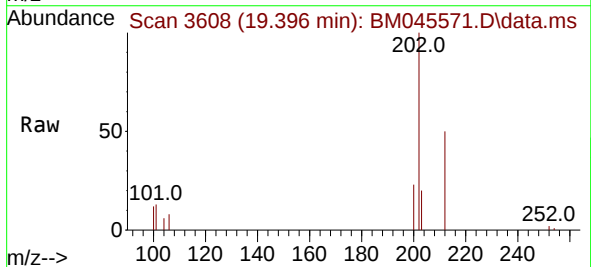
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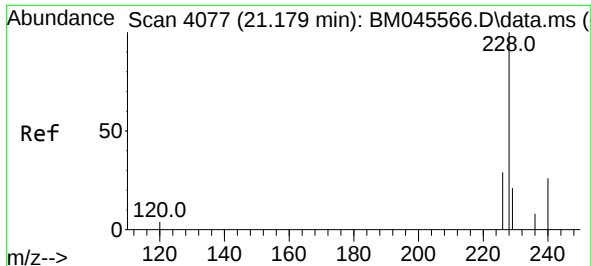
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.546 ng/ul m
RT: 19.396 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

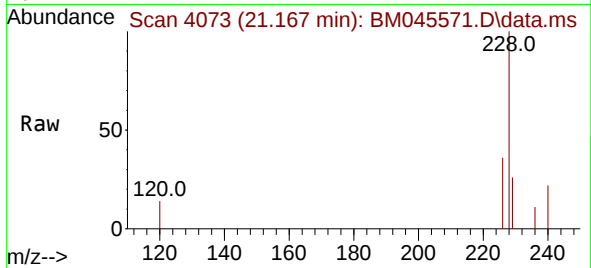
Tgt Ion:202 Resp: 5726
Ion Ratio Lower Upper
202 100
101 12.6 11.5 17.3
100 12.0 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.423 ng/uI
RT: 21.167 min Scan# 4077
Delta R.T. -0.014 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

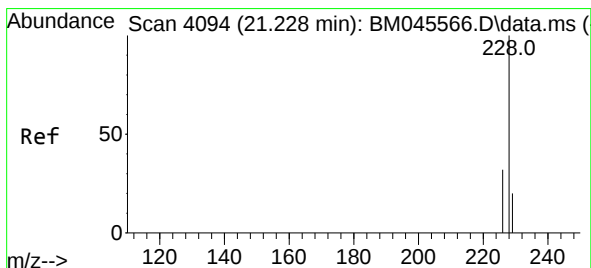
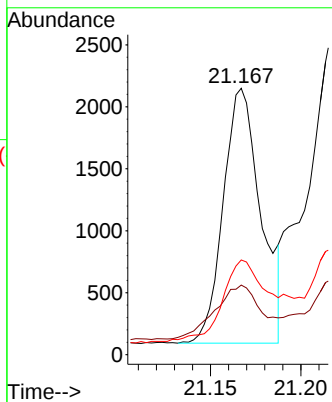
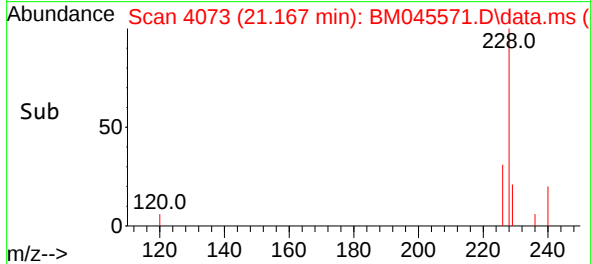
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:228 Resp: 2980
Ion Ratio Lower Upper
228 100
229 26.2 19.4 29.2
226 35.6 26.3 39.5

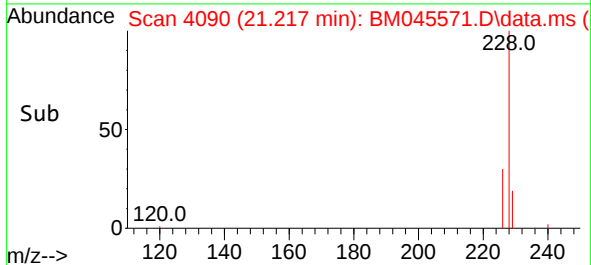
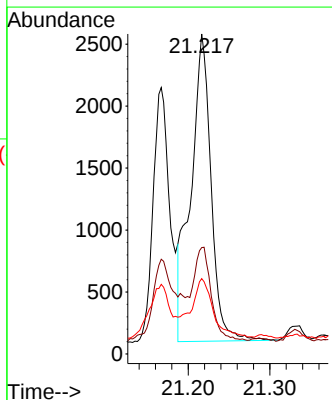
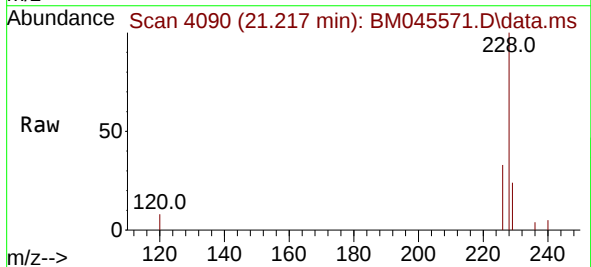
Manual Integrations
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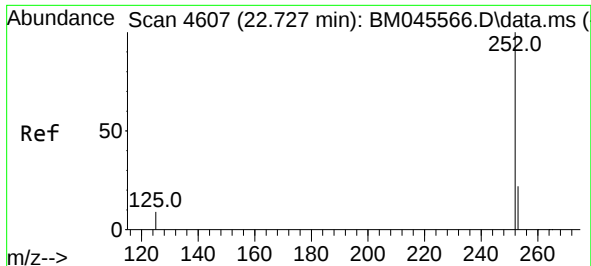
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.395 ng/uI
RT: 21.217 min Scan# 4090
Delta R.T. -0.011 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

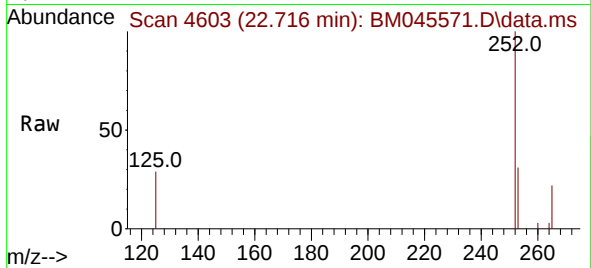
Tgt Ion:228 Resp: 4292
Ion Ratio Lower Upper
228 100
226 33.3 26.3 39.5
229 23.5 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.701 ng/ul m
RT: 22.716 min Scan# 4603
Delta R.T. -0.014 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

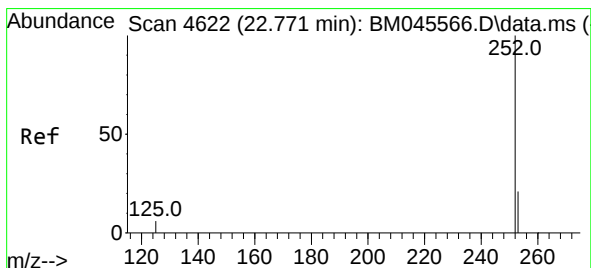
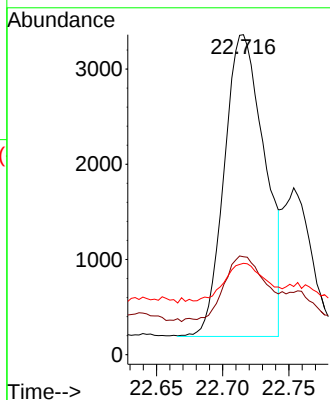
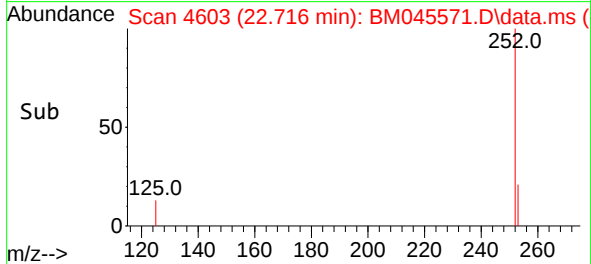
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:252 Resp: 6710
Ion Ratio Lower Upper
252 100
253 30.6 0.0 63.4
125 28.5 0.0 36.8

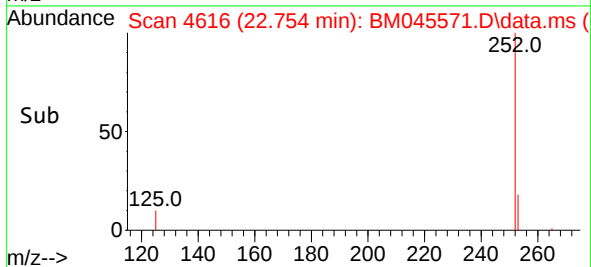
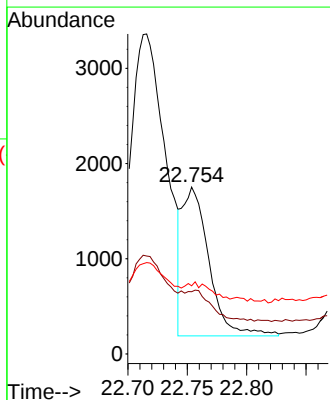
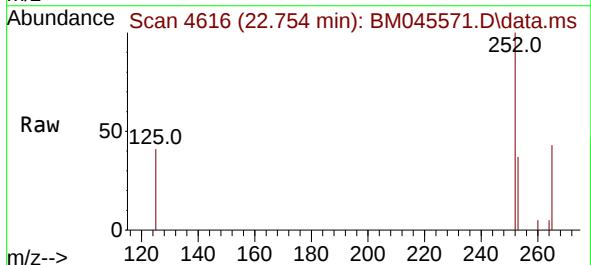
Manual Integrations
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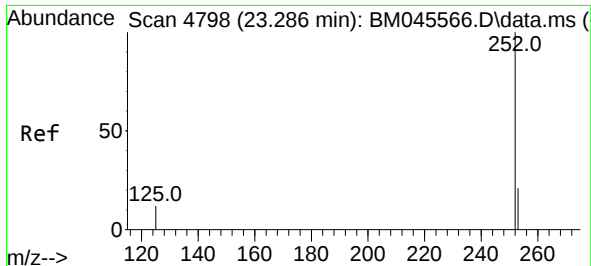
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.204 ng/ul m
RT: 22.754 min Scan# 4616
Delta R.T. -0.017 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

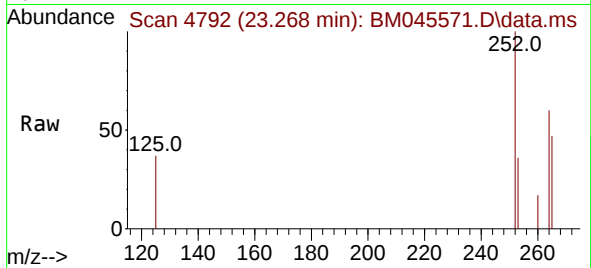
Tgt Ion:252 Resp: 2468
Ion Ratio Lower Upper
252 100
253 37.3 25.4 38.0
125 40.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.268 min Scan# 4792
Delta R.T. -0.023 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

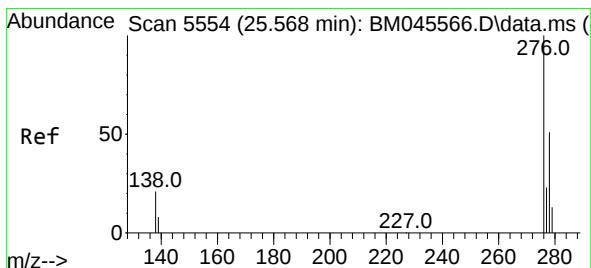
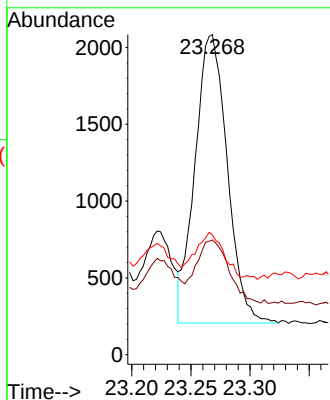
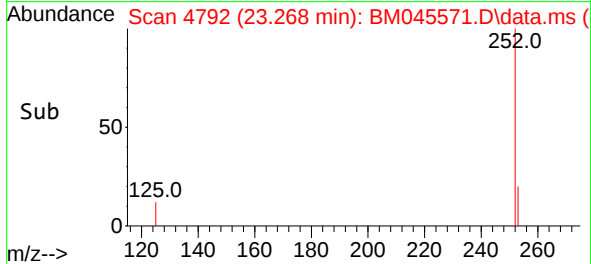
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:252 Resp: 3560
Ion Ratio Lower Upper
252 100
253 35.9 31.6 47.4
125 37.4 19.5 29.3

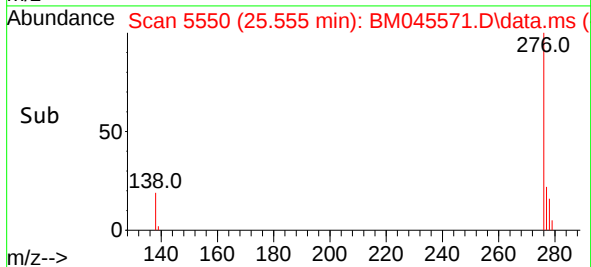
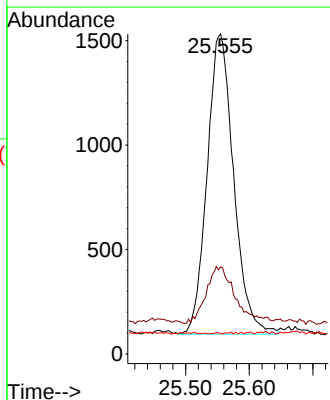
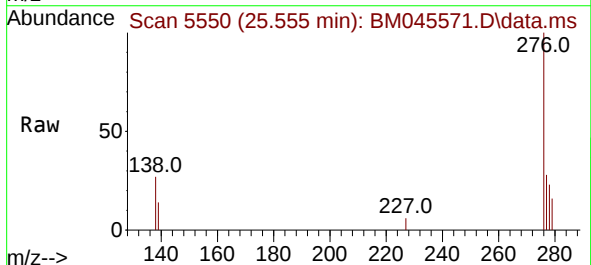
Manual Integrations
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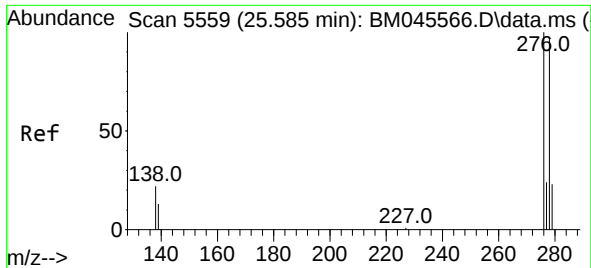
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 25.555 min Scan# 5550
Delta R.T. -0.017 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

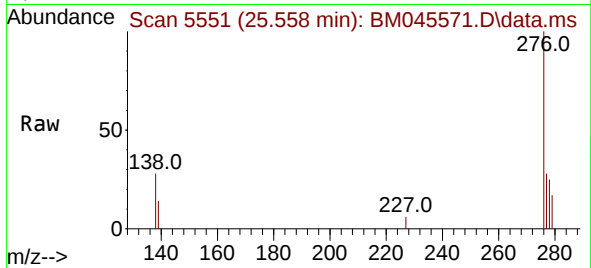
Tgt Ion:276 Resp: 4166
Ion Ratio Lower Upper
276 100
138 21.0 19.8 29.6
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.558 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

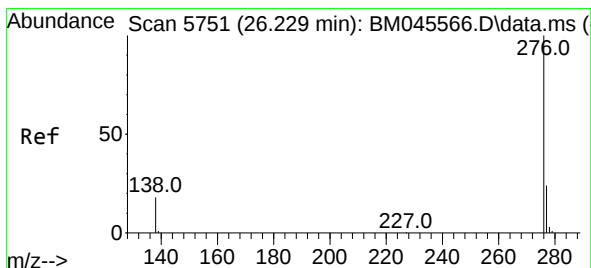
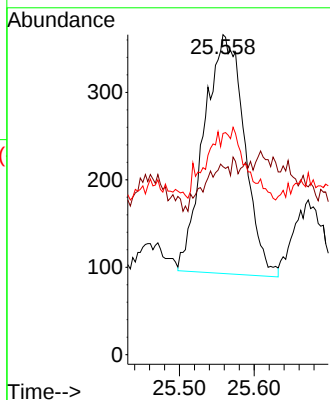
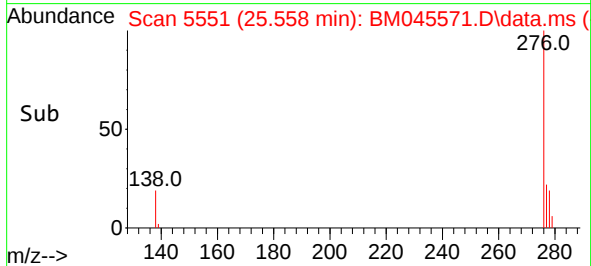
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:278 Resp: 102
Ion Ratio Lower Upper
278 100
139 58.7 19.0 28.6
279 69.1 29.4 44.2

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: 0.357 ng/ul
RT: 26.219 min Scan# 5748
Delta R.T. -0.017 min
Lab File: BM045571.D
Acq: 25 Apr 2024 20:19

Tgt Ion:276 Resp: 4638
Ion Ratio Lower Upper
276 100
138 24.9 20.8 31.2
277 28.7 21.8 32.8

