

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045594.D
 Acq On : 26 Apr 2024 19:02
 Operator : MA/JU
 Sample : P2203-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX3

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:52:55 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 : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1029	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2771	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1343	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2631m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.183	240	2244	0.400	ng/ul	# 0.00
23) Perylene-d12	23.366	264	2763m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	6740	4.887	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.914	152	1163	0.318	ng/ul	-0.02
18) Fluoranthene-d10	19.002	212	1905	0.270	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	1362	0.183	ng/ul	98
7) 2-Methylnaphthalene	11.991	142	99	0.023	ng/ul	96
10) Acenaphthylene	13.914	152	310	0.047	ng/ul#	54
11) Acenaphthene	14.257	153	102	0.021	ng/ul#	88
12) Fluorene	15.256	166	232	0.044	ng/ul#	88
15) Phenanthrene	17.002	178	2219	0.290	ng/ul	99
16) Anthracene	17.094	178	915	0.128	ng/ul#	89
19) Fluoranthene	19.034	202	3220	0.311	ng/ul	96
20) Pyrene	19.397	202	2756m	0.259	ng/ul	
21) Benzo(a)anthracene	21.169	228	1736	0.242	ng/ul#	75
22) Chrysene	21.218	228	1375	0.125	ng/ul#	70
24) Benzo(b)fluoranthene	22.715	252	1893m	0.204	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	714m	0.061	ng/ul	
26) Benzo(a)pyrene	23.267	252	1424	0.148	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.564	276	1012	0.072	ng/ul#	51
29) Benzo(g,h,i)perylene	26.228	276	827	0.066	ng/ul#	1

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

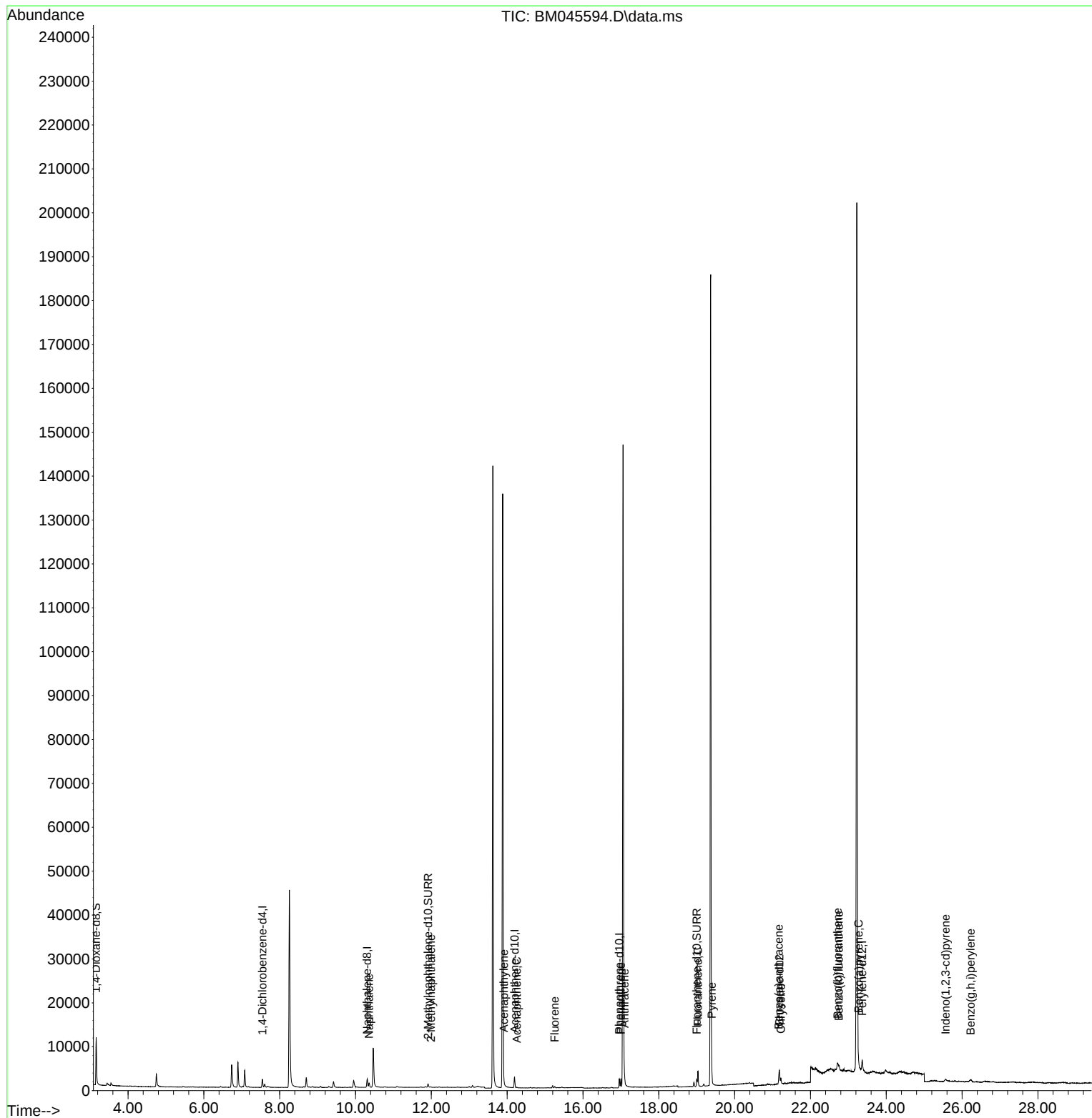
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
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Sample : P2203-12
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ALS Vial : 31 Sample Multiplier: 1

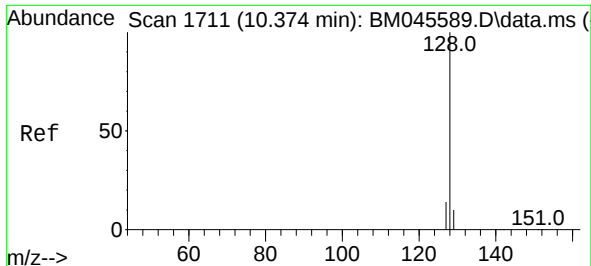
Instrument :
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ClientSampleId :
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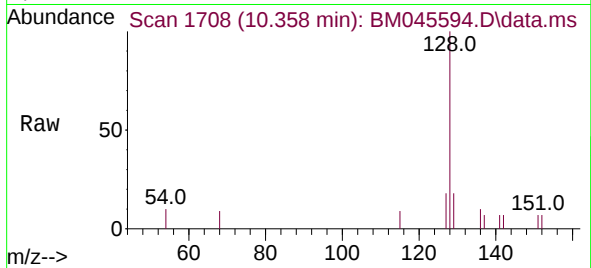
Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
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#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.358 min Scan# 1708
Delta R.T. -0.022 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

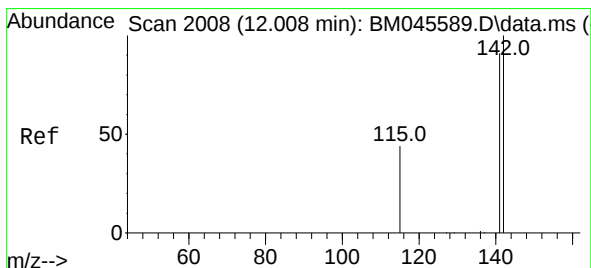
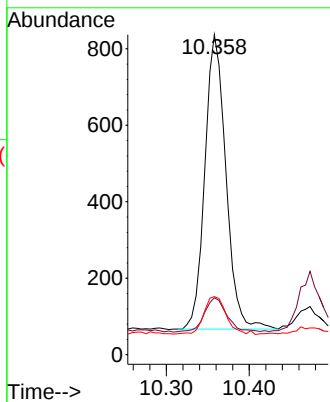
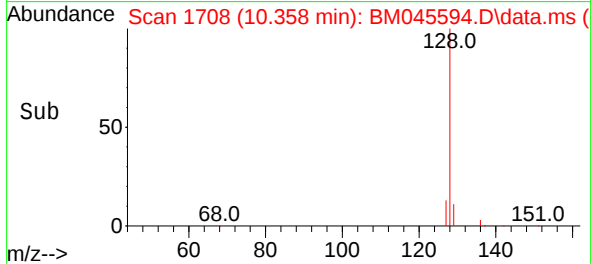
Instrument :
BNA_M
ClientSampleId :
E1CX3



Tgt Ion:128 Resp: 1362
Ion Ratio Lower Upper
128 100
129 17.8 14.0 21.0
127 18.2 15.4 23.2

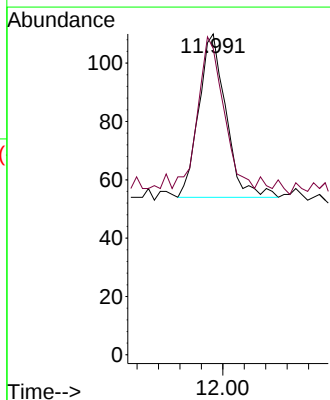
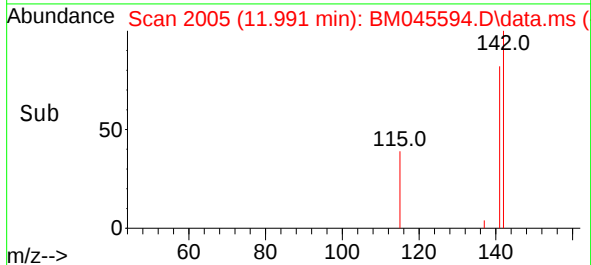
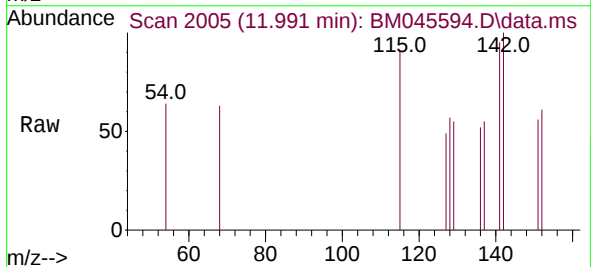
Manual Integrations
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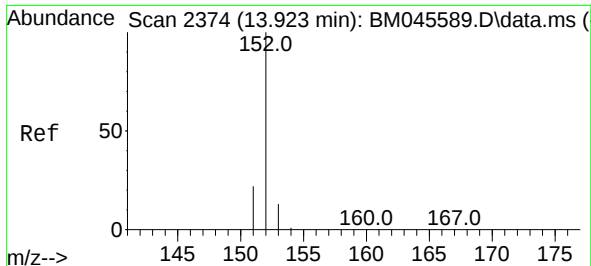
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.017 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

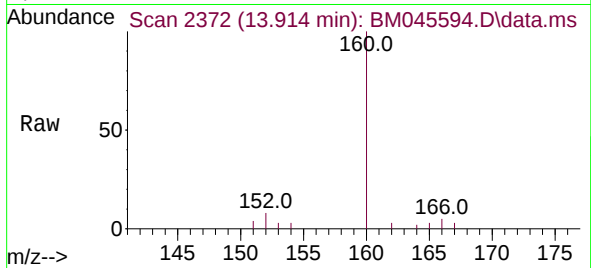
Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
141 88.9 74.6 111.8





#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.914 min Scan# 2374
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

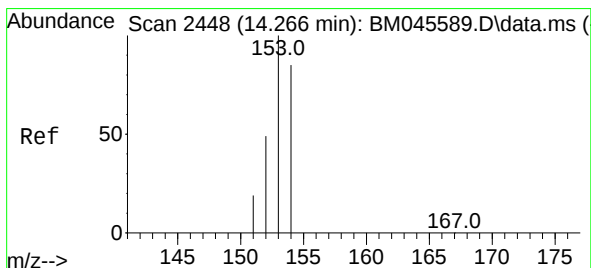
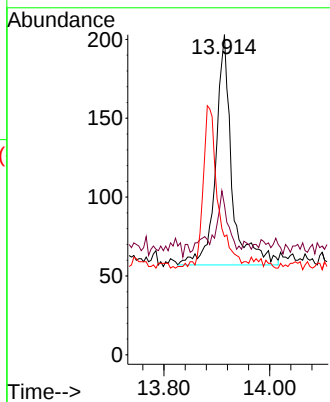
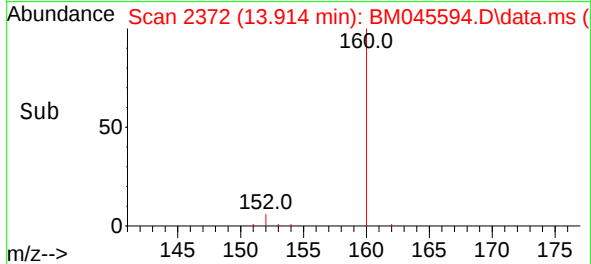
Instrument :
BNA_M
ClientSampleId :
E1CX3



Tgt Ion:152 Resp: 310
Ion Ratio Lower Upper
152 100
151 46.8 18.6 28.0
153 36.9 14.1 21.1

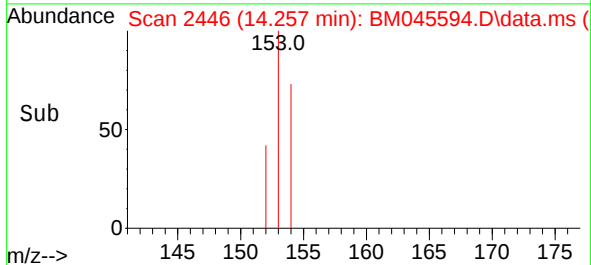
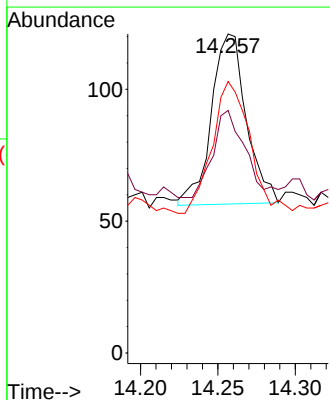
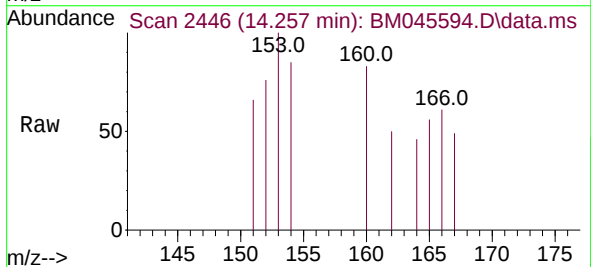
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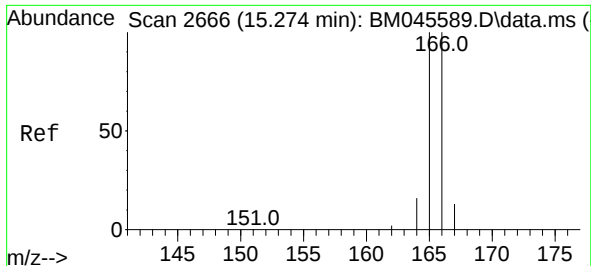
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.257 min Scan# 2446
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

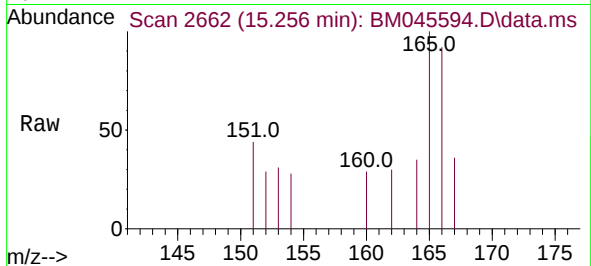
Tgt Ion:153 Resp: 102
Ion Ratio Lower Upper
153 100
152 76.0 43.4 65.2
154 85.1 69.0 103.6





#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.256 min Scan# 2066
Delta R.T. -0.022 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

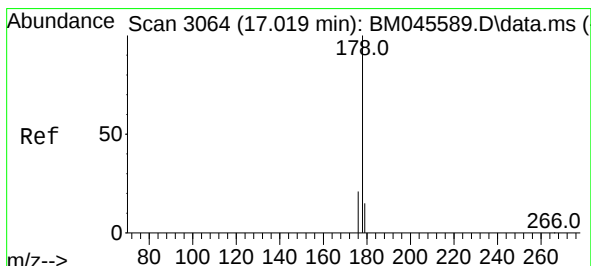
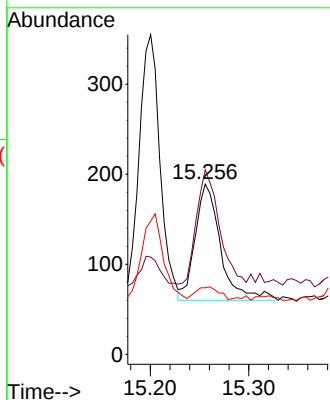
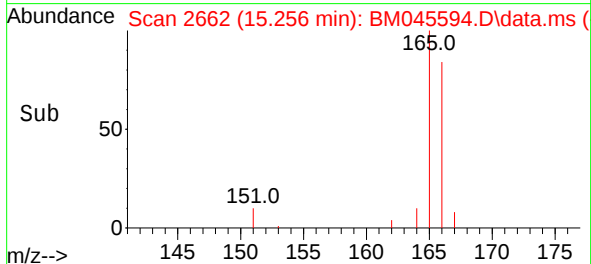
Instrument :
BNA_M
ClientSampleId :
E1CX3



Tgt Ion:166 Resp: 231
Ion Ratio Lower Upper
166 100
165 108.5 82.2 123.2
167 39.2 14.8 22.2

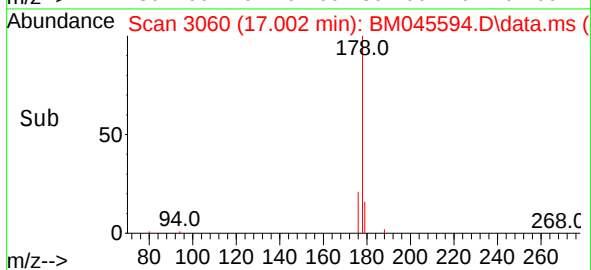
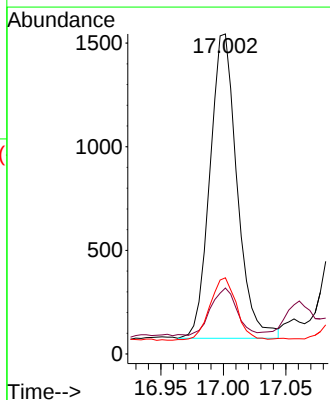
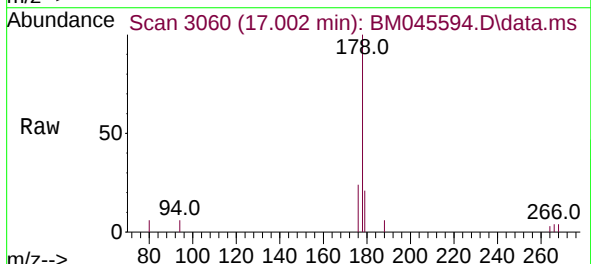
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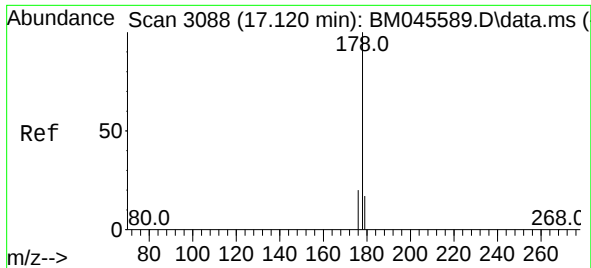
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

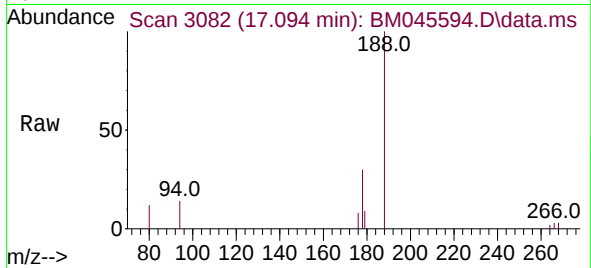
Tgt Ion:178 Resp: 2219
Ion Ratio Lower Upper
178 100
179 20.6 15.4 23.2
176 23.8 19.0 28.4





#16
 Anthracene
 Concen: 0.128 ng/ul
 RT: 17.094 min Scan# 3082
 Delta R.T. -0.024 min
 Lab File: BM045594.D
 Acq: 26 Apr 2024 19:02

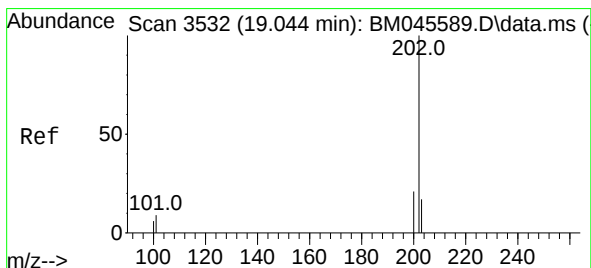
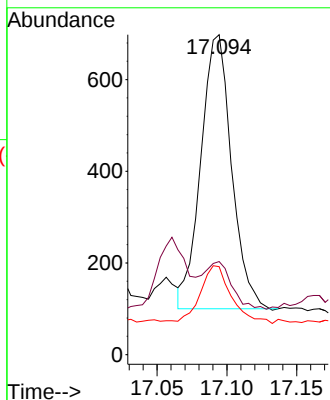
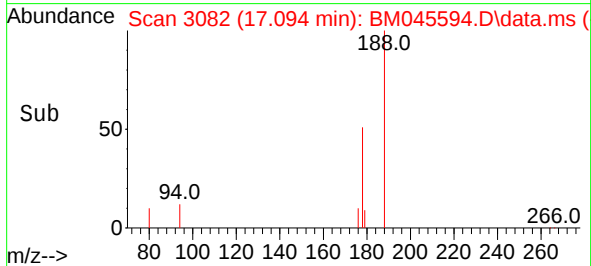
Instrument :
 BNA_M
 ClientSampleId :
 E1CX3



Tgt Ion:178 Resp: 915
 Ion Ratio Lower Upper
 178 100
 179 29.1 17.8 26.6
 176 27.5 18.7 28.1

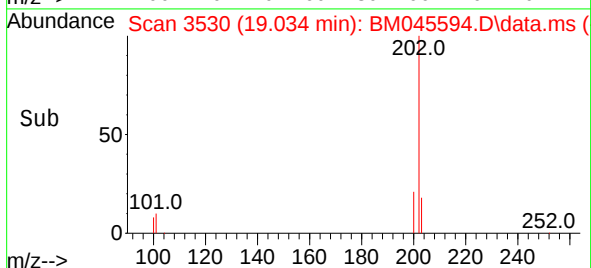
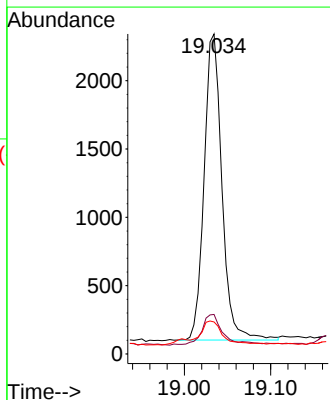
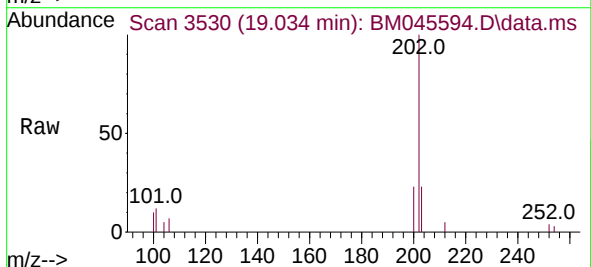
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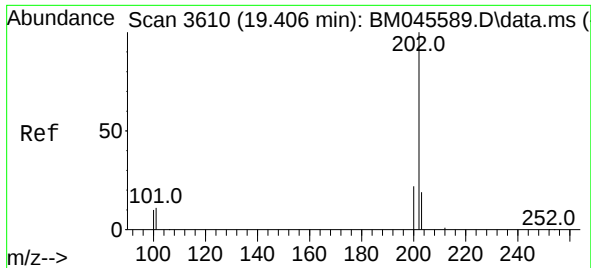
Reviewed By :Yogesh Patel 04/27/2024
 Supervised By :mohammad ahmed 04/27/2024



#19
 Fluoranthene
 Concen: 0.311 ng/ul
 RT: 19.034 min Scan# 3530
 Delta R.T. -0.013 min
 Lab File: BM045594.D
 Acq: 26 Apr 2024 19:02

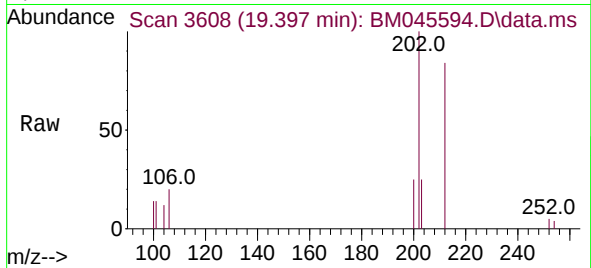
Tgt Ion:202 Resp: 3220
 Ion Ratio Lower Upper
 202 100
 101 12.4 11.2 16.8
 100 10.0 9.1 13.7





#20
Pyrene
Concen: 0.259 ng/ul m
RT: 19.397 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

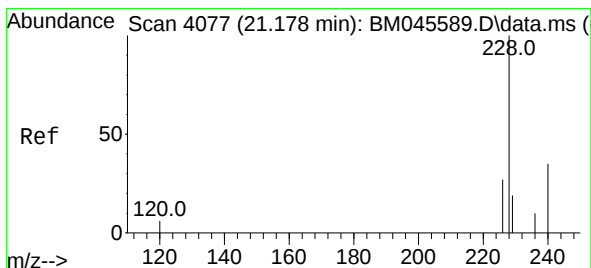
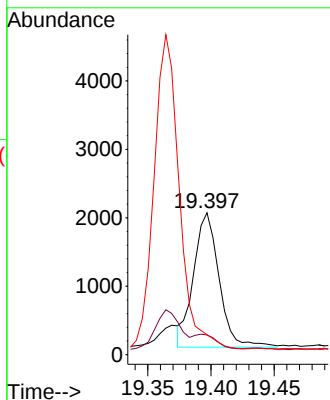
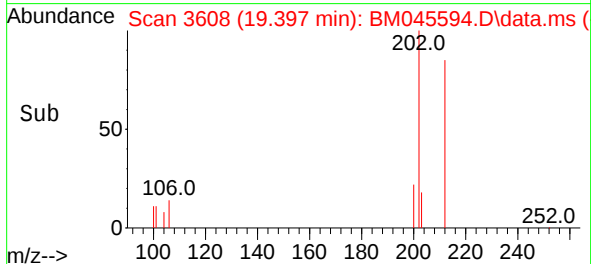
Instrument :
BNA_M
ClientSampleId :
E1CX3



Tgt Ion:202 Resp: 2750
Ion Ratio Lower Upper
202 100
101 13.8 11.5 17.3
100 14.1 10.6 15.8

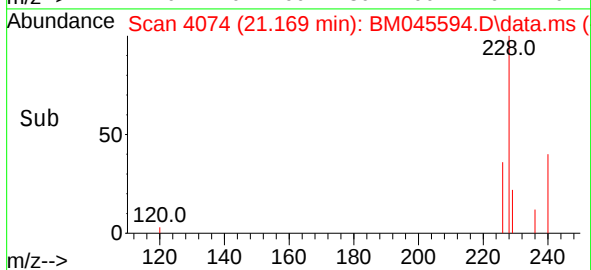
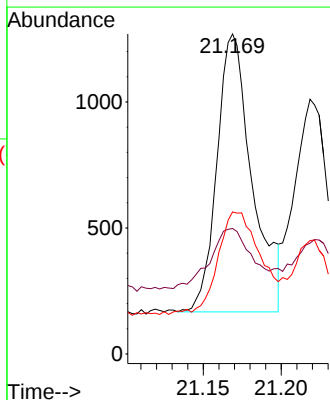
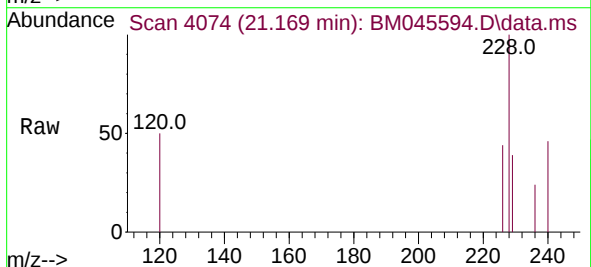
Manual Integrations
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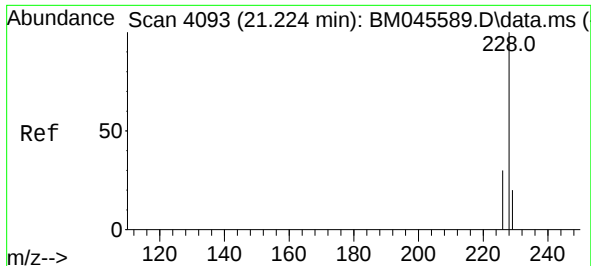
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.169 min Scan# 4074
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

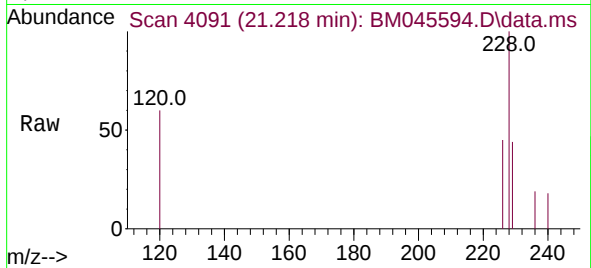
Tgt Ion:228 Resp: 1736
Ion Ratio Lower Upper
228 100
229 39.2 19.4 29.2#
226 44.4 26.3 39.5#





#22
Chrysene
Concen: 0.125 ng/ul
RT: 21.218 min Scan# 4091
Delta R.T. -0.010 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

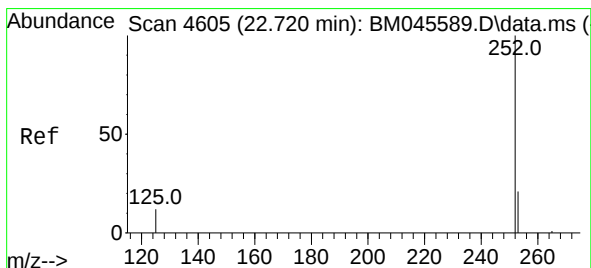
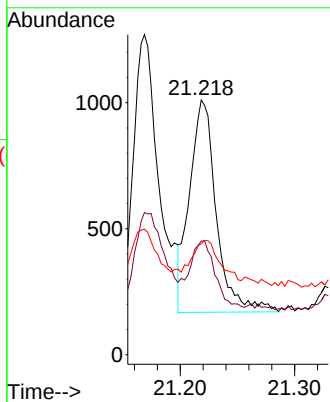
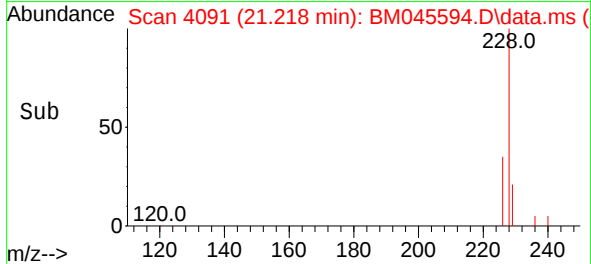
Instrument :
BNA_M
ClientSampleId :
E1CX3



Tgt Ion:228 Resp: 1379
Ion Ratio Lower Upper
228 100
226 44.5 26.3 39.5
229 43.5 17.8 26.8

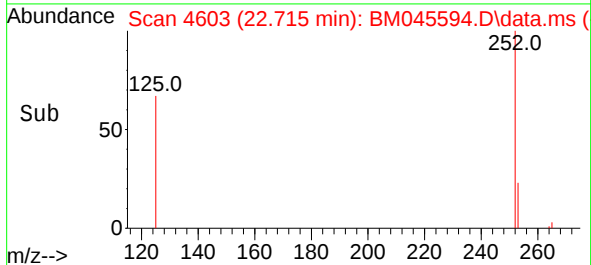
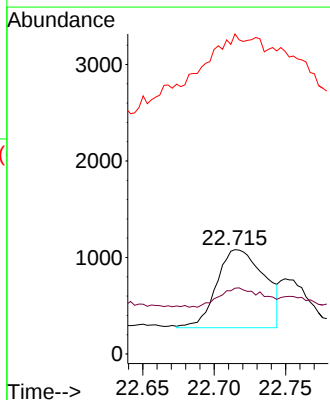
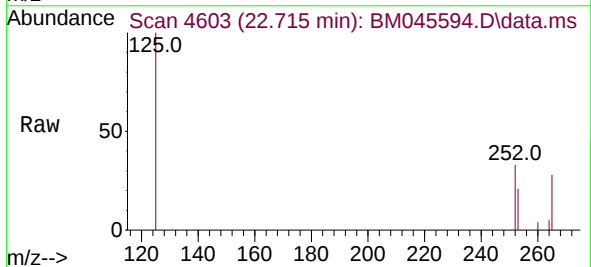
Manual Integrations
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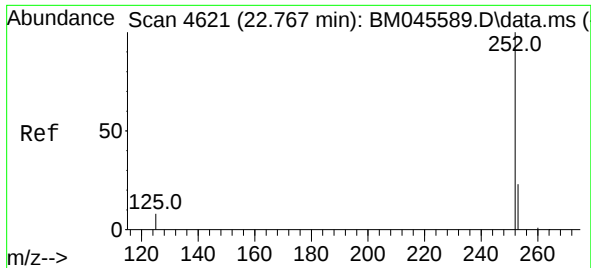
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.204 ng/ul m
RT: 22.715 min Scan# 4603
Delta R.T. -0.015 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

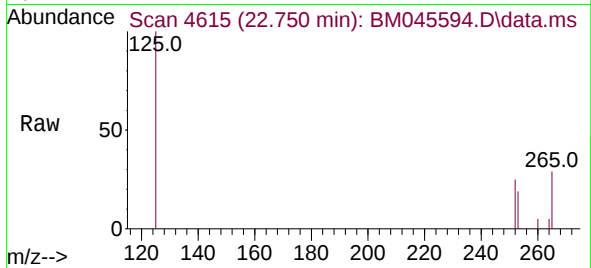
Tgt Ion:252 Resp: 1893
Ion Ratio Lower Upper
252 100
253 63.1 0.0 63.4
125 306.8 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.061 ng/ul m
RT: 22.750 min Scan# 4615
Delta R.T. -0.021 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

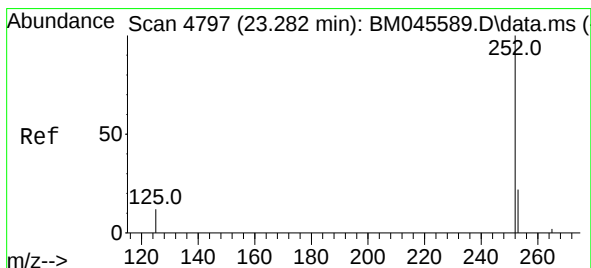
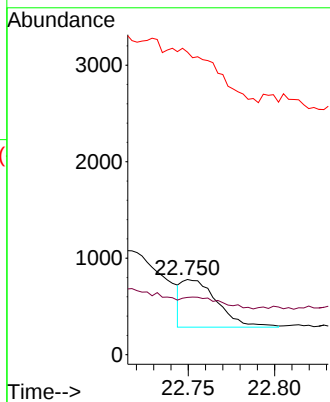
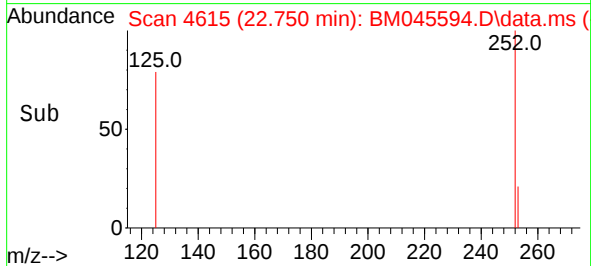
Instrument :
BNA_M
ClientSampleId :
E1CX3



Tgt Ion:252 Resp: 714
Ion Ratio Lower Upper
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253 76.2 25.4 38.0#
125 401.9 14.8 22.2#

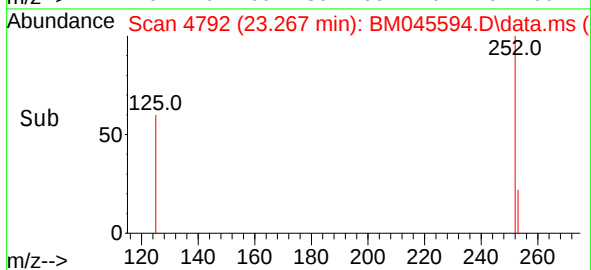
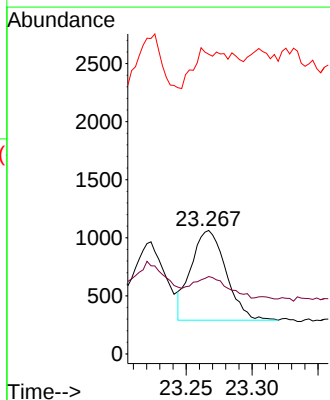
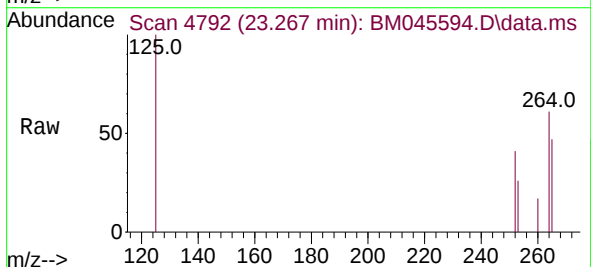
Manual Integrations
APPROVED

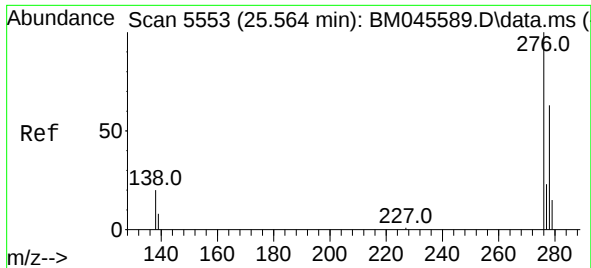
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.148 ng/ul
RT: 23.267 min Scan# 4792
Delta R.T. -0.024 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

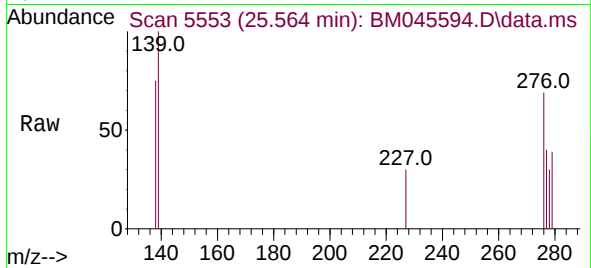
Tgt Ion:252 Resp: 1424
Ion Ratio Lower Upper
252 100
253 62.7 31.6 47.4#
125 242.7 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng/ul
RT: 25.564 min Scan# 5553
Delta R.T. -0.008 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

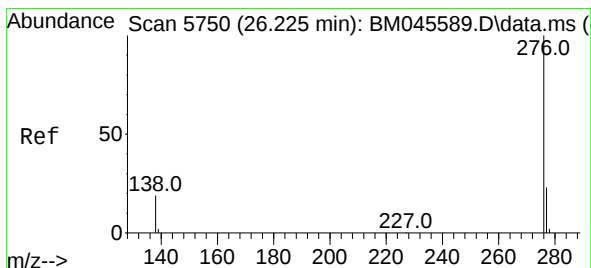
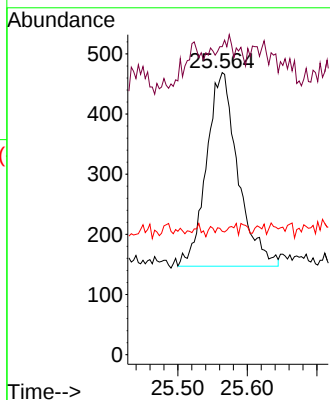
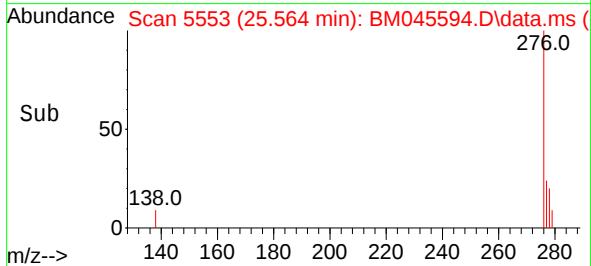
Instrument :
BNA_M
ClientSampleId :
E1CX3



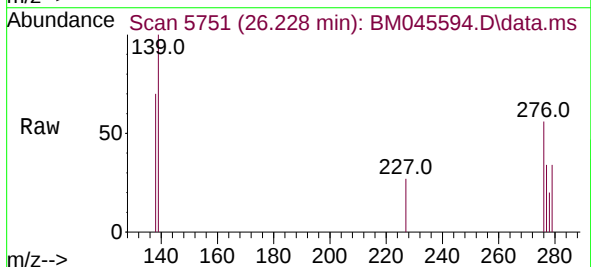
Tgt Ion:276 Resp: 1012
Ion Ratio Lower Upper
276 100
138 0.0 19.8 29.6#
227 1.0 0.2 0.2#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.228 min Scan# 5751
Delta R.T. -0.008 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02



Tgt Ion:276 Resp: 827
Ion Ratio Lower Upper
276 100
138 124.6 20.8 31.2#
277 61.7 21.8 32.8#

