

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045376.D
 Acq On : 19 Apr 2024 04:10
 Operator : MA/JU
 Sample : PB160255BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS255

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 04:44:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	718	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.397	136	2138	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.242	164	1141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.014	188	2578	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.220	240	2046	0.400	ng/ul	# 0.00
23) Perylene-d12	23.417	264	2645	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	723	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	989	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.048	212	2276	0.440	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.209	88	1871	2.069	ng/ul#	84
5) Naphthalene	10.446	128	2094	0.369	ng/ul#	86
7) 2-Methylnaphthalene	12.085	142	1183	0.349	ng/ul	98
8) 1-Methylnaphthalene	12.277	142	1235	0.334	ng/ul	97
10) Acenaphthylene	13.969	152	2087	0.367	ng/ul#	90
11) Acenaphthene	14.302	153	1542	0.378	ng/ul	95
12) Fluorene	15.325	166	1726	0.378	ng/ul#	97
14) Pentachlorophenol	16.676	266	474	0.784	ng/ul	98
15) Phenanthrene	17.056	178	2744	0.378	ng/ul	94
16) Anthracene	17.166	178	2375m	0.332	ng/ul	
19) Fluoranthene	19.080	202	3423	0.468	ng/ul#	94
20) Pyrene	19.443	202	3557	0.461	ng/ul#	94
21) Benzo(a)anthracene	21.211	228	2904	0.408	ng/ul	96
22) Chrysene	21.255	228	4073	0.458	ng/ul	96
24) Benzo(b)fluoranthene	22.759	252	4147	0.434	ng/ul	97
25) Benzo(k)fluoranthene	22.803	252	5109	0.478	ng/ul	93
26) Benzo(a)pyrene	23.330	252	4140	0.454	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.635	276	6059	0.485	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.652	278	4735	0.478	ng/ul#	90
29) Benzo(g,h,i)perylene	26.299	276	5386	0.500	ng/ul	94

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

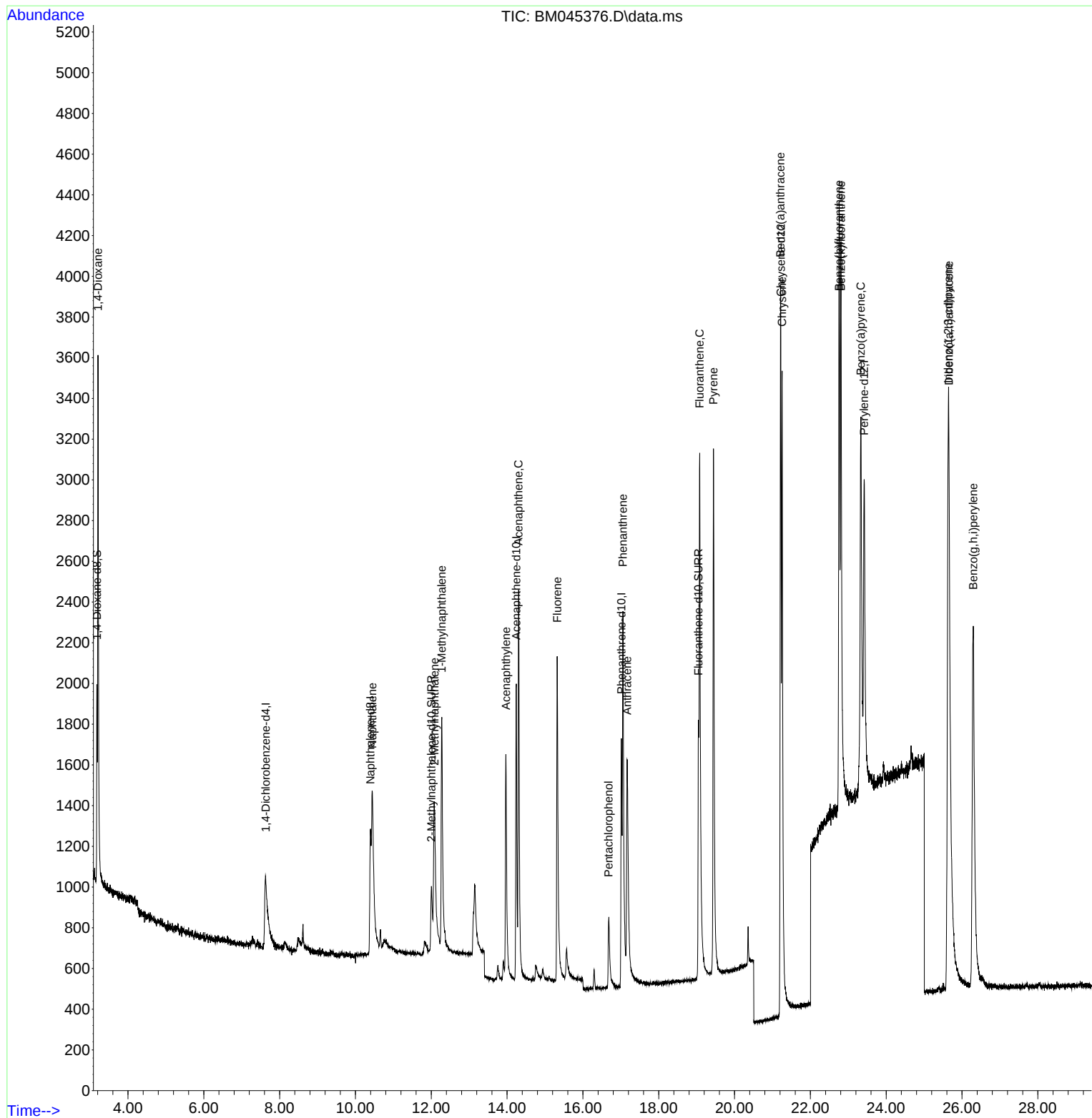
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045376.D
Acq On : 19 Apr 2024 04:10
Operator : MA/JU
Sample : PB160255BS
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BNA_M
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SLCS255

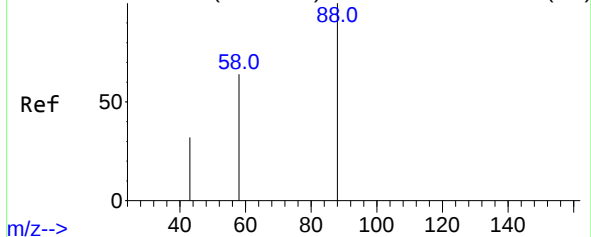
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 04:44:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
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Abundance Scan 31 (3.213 min): BM045361.D\data.ms (-23)



#2

1,4-Dioxane

Concen: 2.069 ng/ul

RT: 3.209 min Scan# 30

Delta R.T. -0.004 min

Lab File: BM045376.D

Acq: 19 Apr 2024 04:10

Instrument :

BNA_M

ClientSampleId :

SLCS255

Tgt Ion: 88	Resp: 187
Ion Ratio	Lower Upper
88	100
43	38.5 30.6 46.0
58	59.7 32.6 48.8

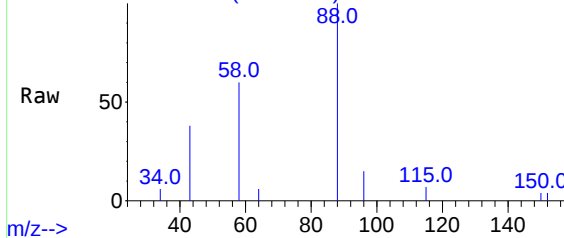
Manual Integrations

APPROVED

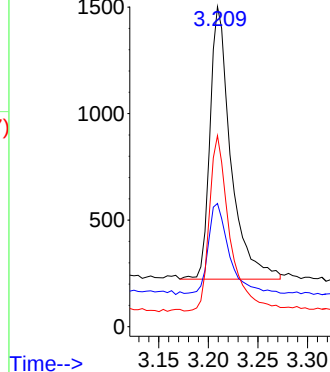
Reviewed By :Yogesh Patel 04/19/2024

Supervised By :mohammad ahmed 04/22/2024

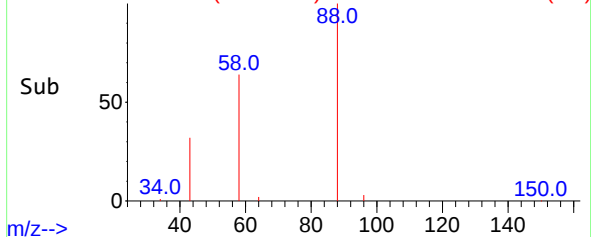
Abundance Scan 30 (3.209 min): BM045376.D\data.ms



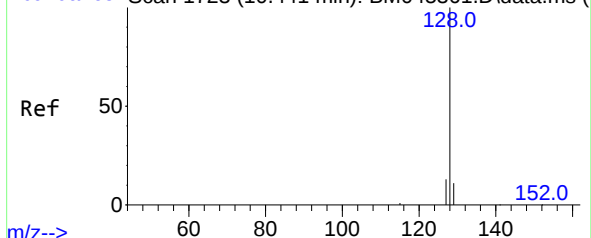
Abundance



Abundance Scan 30 (3.209 min): BM045376.D\data.ms (-17)



Abundance Scan 1723 (10.441 min): BM045361.D\data.ms (-17)



#5

Naphthalene

Concen: 0.369 ng/ul

RT: 10.446 min Scan# 1724

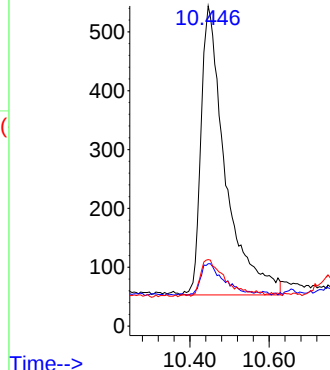
Delta R.T. 0.006 min

Lab File: BM045376.D

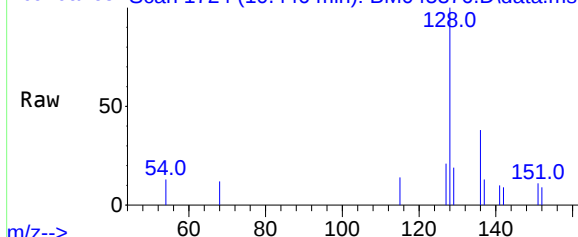
Acq: 19 Apr 2024 04:10

Tgt Ion:128	Resp: 2094
Ion Ratio	Lower Upper
128	100
129	19.5 11.3 16.9#
127	20.8 11.9 17.9#

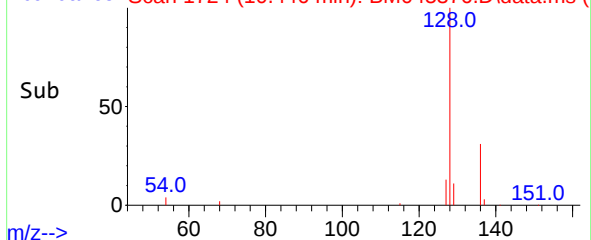
Abundance

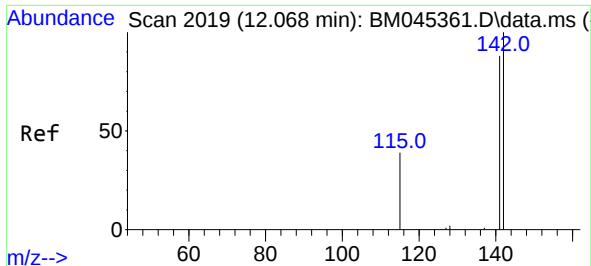


Abundance Scan 1724 (10.446 min): BM045376.D\data.ms



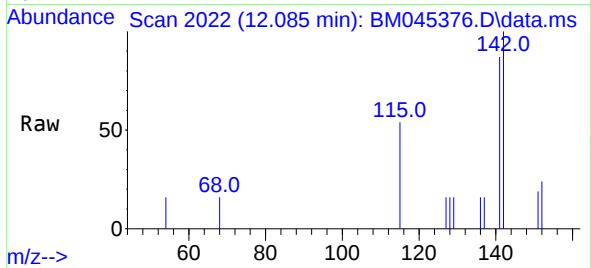
Abundance Scan 1724 (10.446 min): BM045376.D\data.ms (-17)





#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.085 min Scan# 2019
Delta R.T. 0.017 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

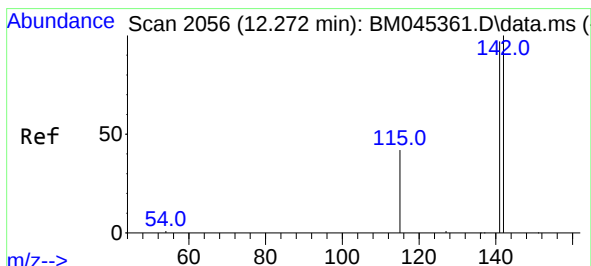
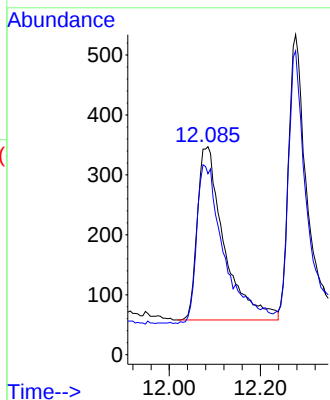
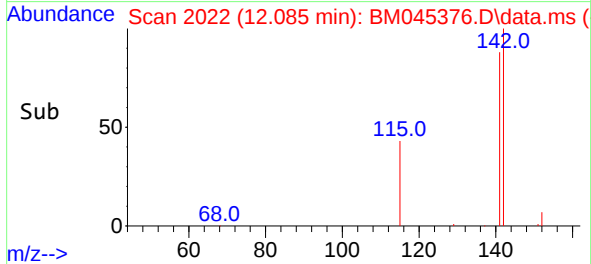
Instrument :
BNA_M
ClientSampleId :
SLCS255



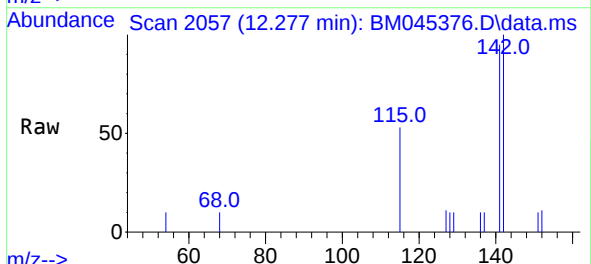
Tgt Ion:142 Resp: 118
Ion Ratio Lower Upper
142 100
141 94.6 73.8 110.8

Manual Integrations
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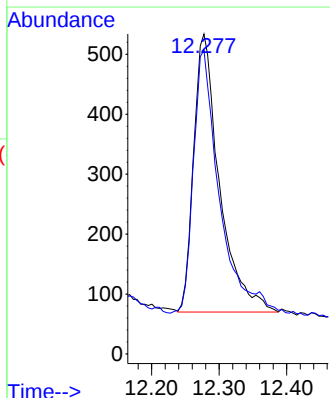
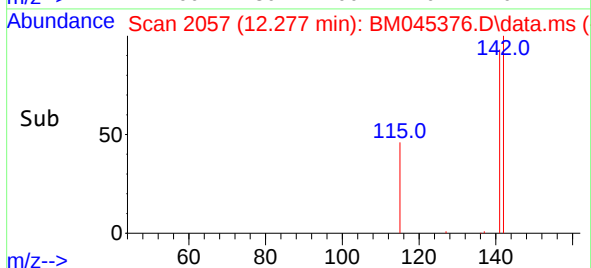
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024

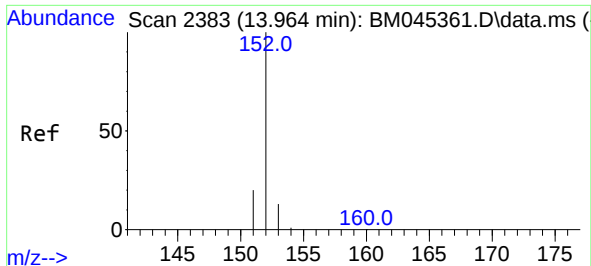


#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10



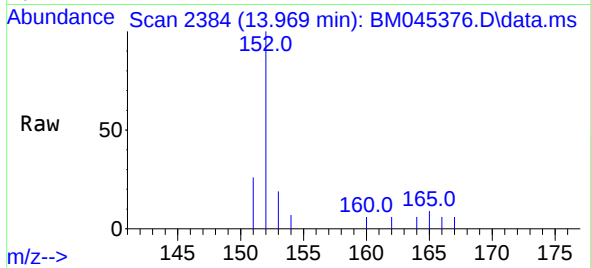
Tgt Ion:142 Resp: 1235
Ion Ratio Lower Upper
142 100
141 96.0 74.2 111.2





#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 13.969 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

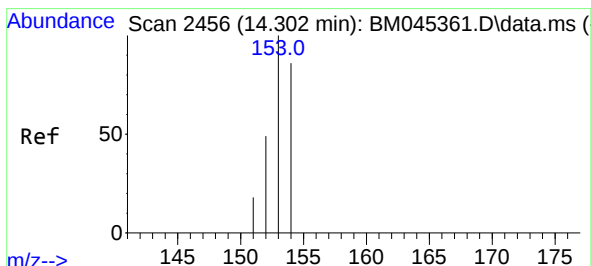
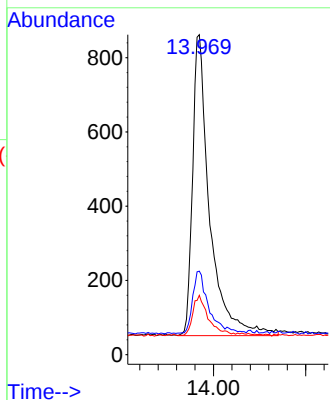
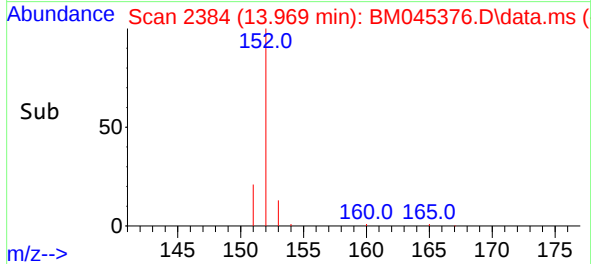
Instrument :
BNA_M
ClientSampleId :
SLCS255



Tgt Ion:152 Resp: 208
Ion Ratio Lower Upper
152 100
151 26.1 17.0 25.4
153 18.6 11.9 17.9

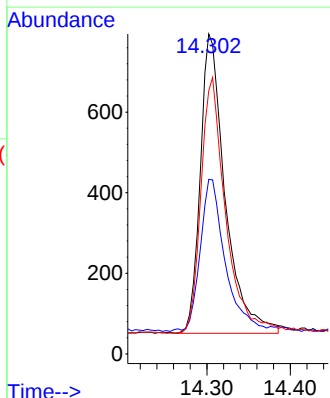
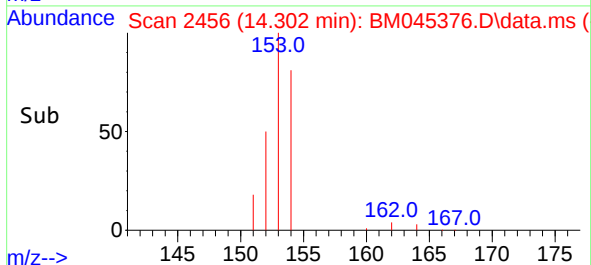
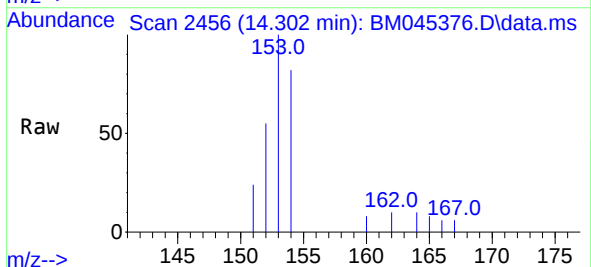
Manual Integrations
APPROVED

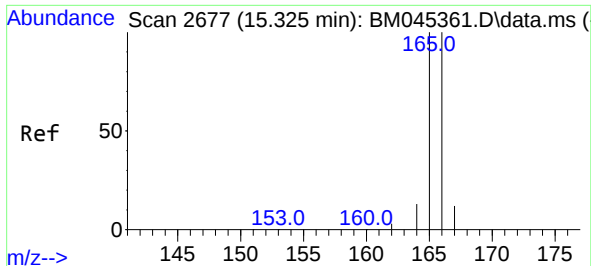
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

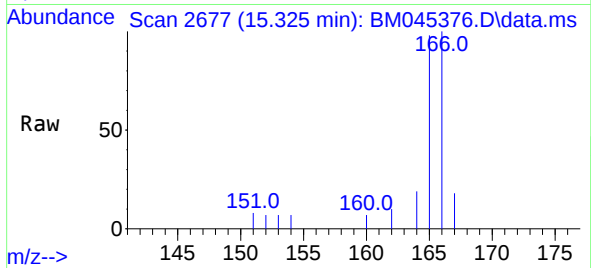
Tgt Ion:153 Resp: 1542
Ion Ratio Lower Upper
153 100
152 54.5 41.2 61.8
154 82.2 69.4 104.0





#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.325 min Scan# 2677
Delta R.T. 0.000 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

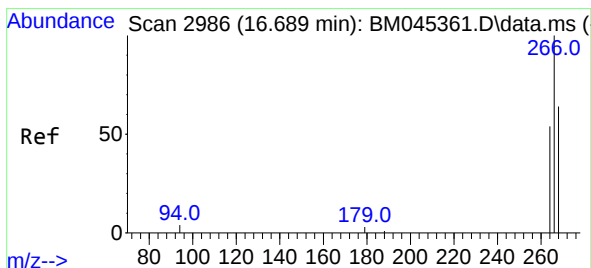
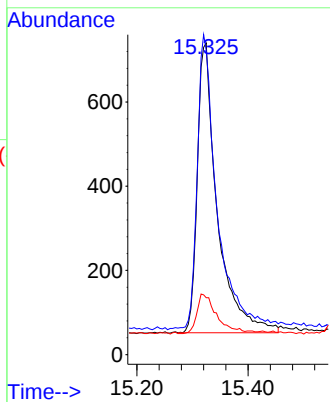
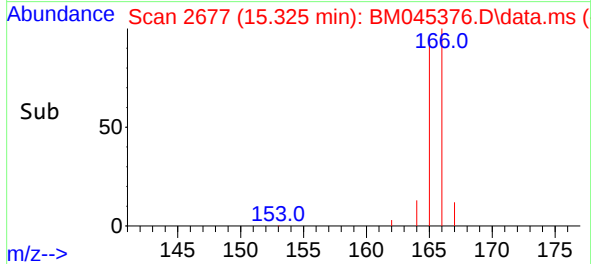
Instrument :
BNA_M
ClientSampleId :
SLCS255



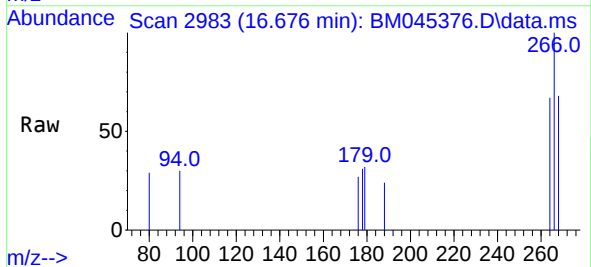
Tgt Ion:166 Resp: 1720
Ion Ratio Lower Upper
166 100
165 97.7 79.9 119.9
167 18.2 12.2 18.2

Manual Integrations
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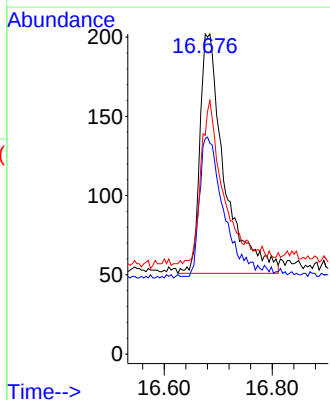
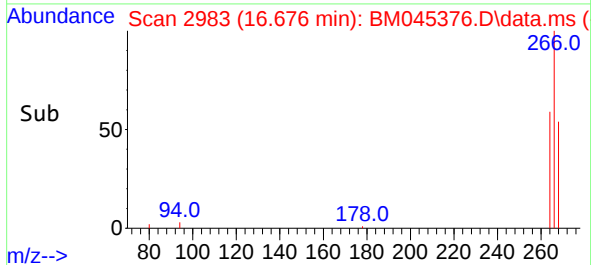
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024

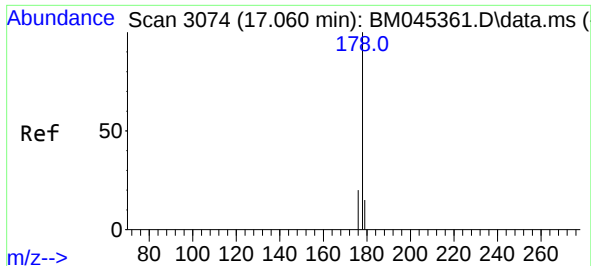


#14
Pentachlorophenol
Concen: 0.784 ng/ul
RT: 16.676 min Scan# 2983
Delta R.T. -0.013 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10



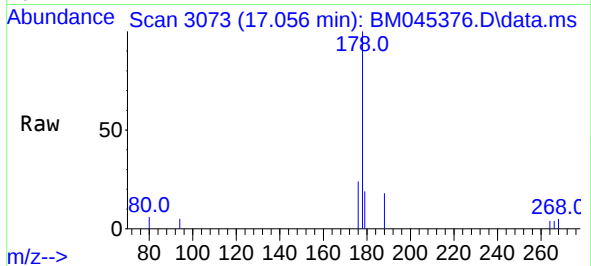
Tgt Ion:266 Resp: 474
Ion Ratio Lower Upper
266 100
264 58.0 48.3 72.5
268 64.8 52.6 79.0





#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.056 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

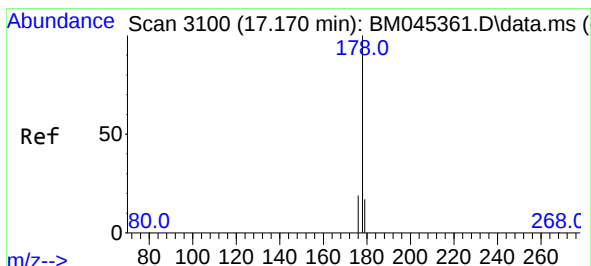
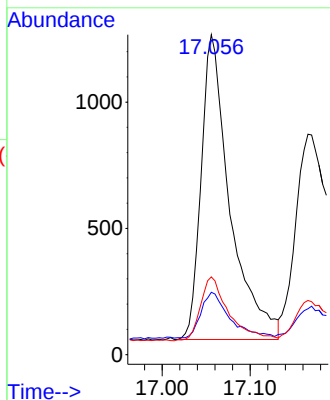
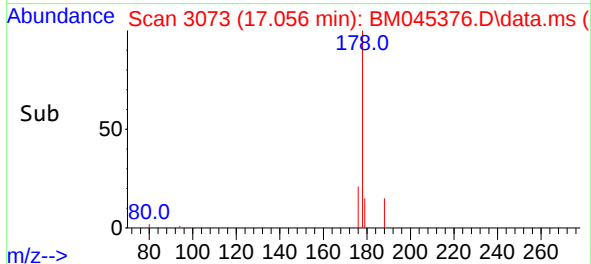
Instrument :
BNA_M
ClientSampleId :
SLCS255



Tgt Ion:178 Resp: 2744
Ion Ratio Lower Upper
178 100
179 19.5 13.7 20.5
176 24.3 17.0 25.4

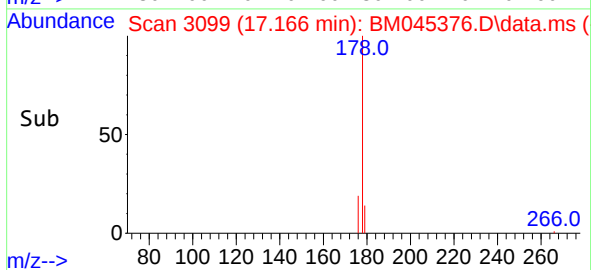
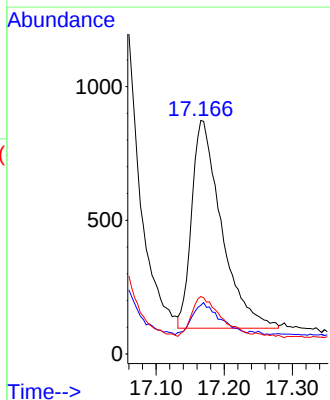
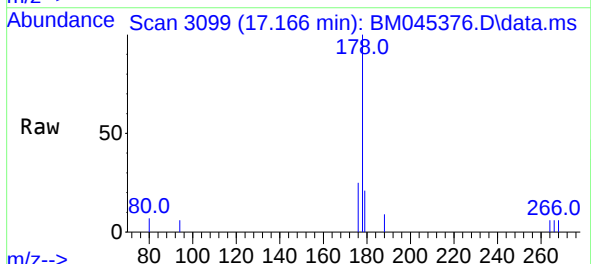
Manual Integrations
APPROVED

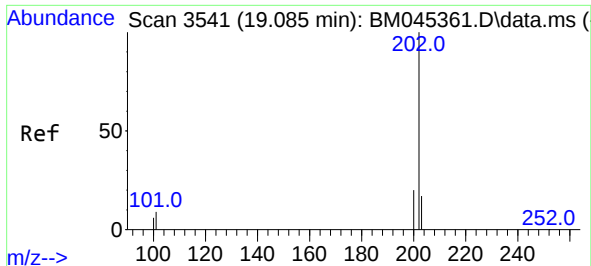
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024



#16
Anthracene
Concen: 0.332 ng/ul m
RT: 17.166 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

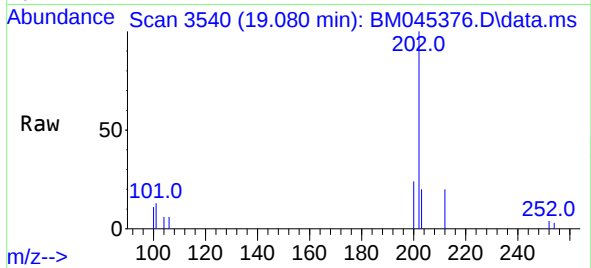
Tgt Ion:178 Resp: 2375
Ion Ratio Lower Upper
178 100
179 20.8 13.8 20.8#
176 24.6 16.2 24.4#





#19
Fluoranthene
Concen: 0.468 ng/u1
RT: 19.080 min Scan# 3540
Delta R.T. -0.005 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

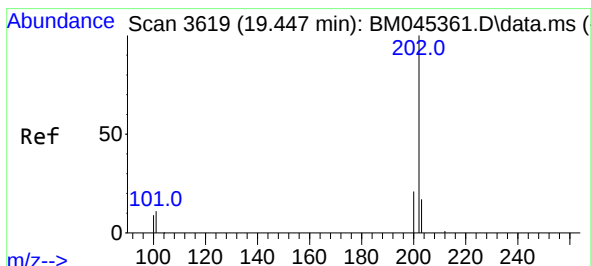
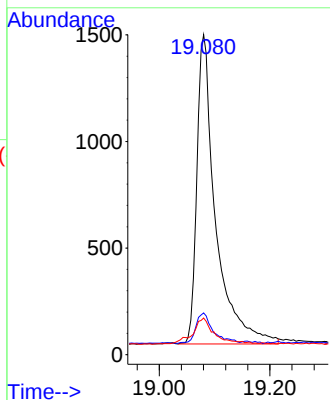
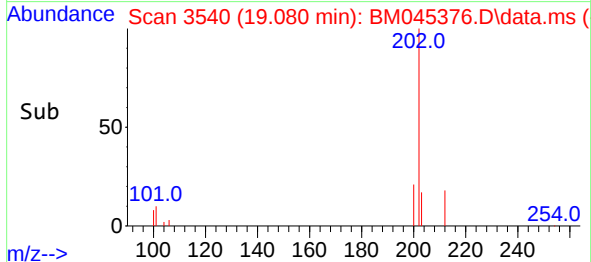
Instrument :
BNA_M
ClientSampleId :
SLCS255



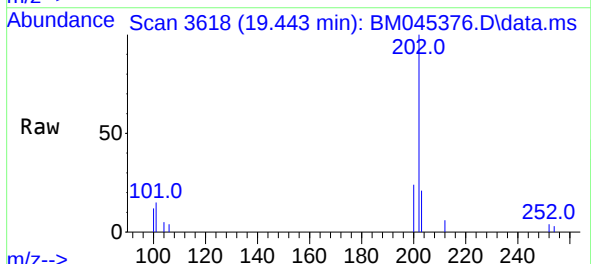
Tgt Ion:202 Resp: 342
Ion Ratio Lower Upper
202 100
101 13.1 8.8 13.2
100 11.5 7.0 10.4

Manual Integrations
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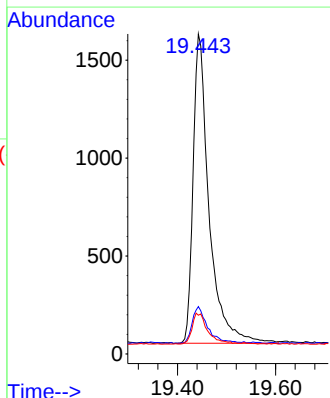
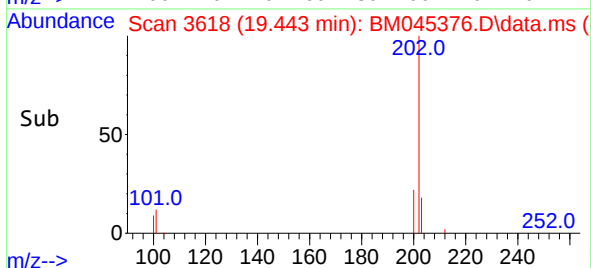
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024

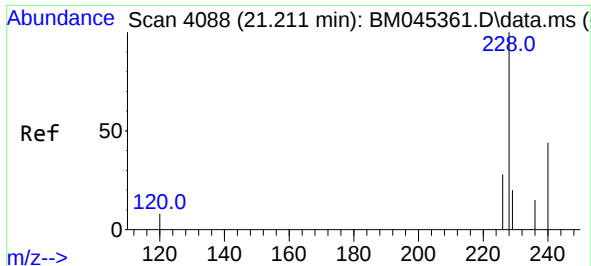


#20
Pyrene
Concen: 0.461 ng/u1
RT: 19.443 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10



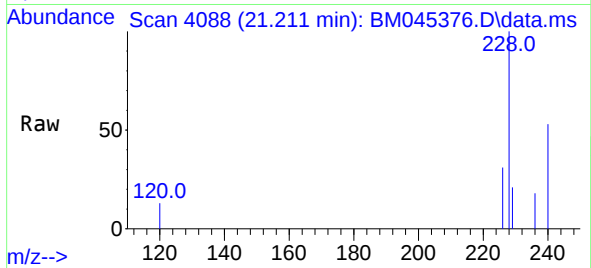
Tgt Ion:202 Resp: 3557
Ion Ratio Lower Upper
202 100
101 14.8 9.8 14.6#
100 12.1 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.408 ng/u1
RT: 21.211 min Scan# 4088
Delta R.T. 0.000 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

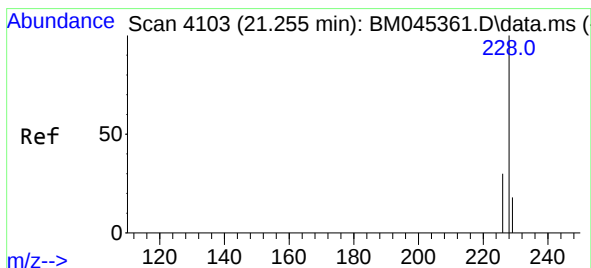
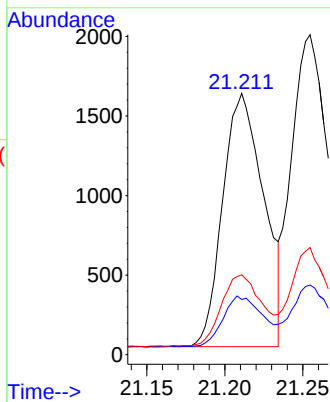
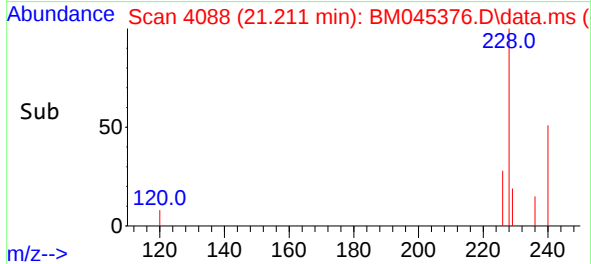
Instrument :
BNA_M
ClientSampleId :
SLCS255



Tgt Ion:228 Resp: 2904
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 30.6 22.3 33.5

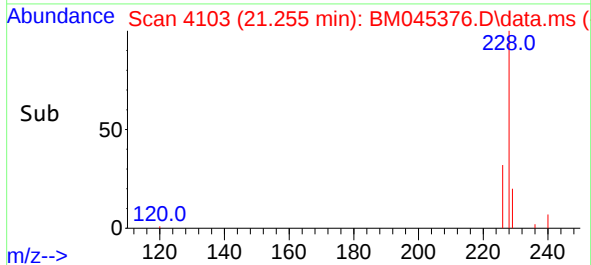
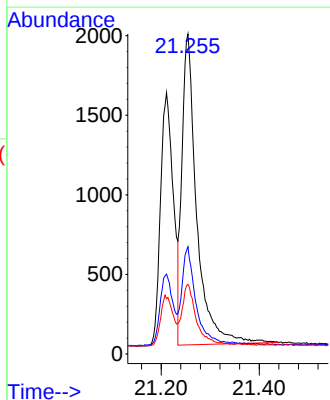
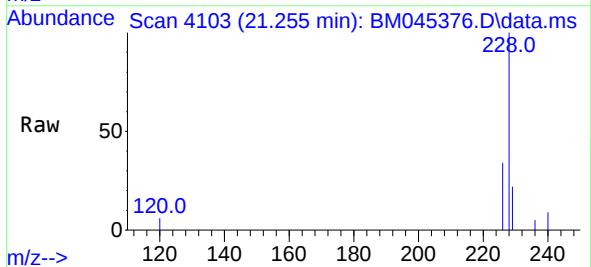
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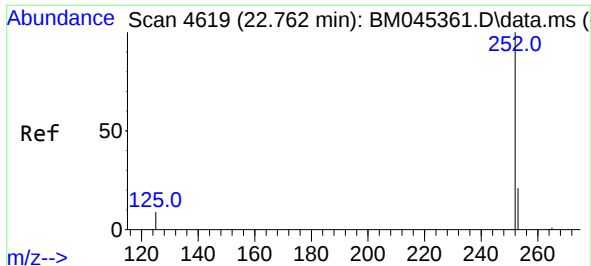
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Chrysene
Concen: 0.458 ng/u1
RT: 21.255 min Scan# 4103
Delta R.T. 0.000 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

Tgt Ion:228 Resp: 4073
Ion Ratio Lower Upper
228 100
226 33.5 24.9 37.3
229 21.8 15.9 23.9





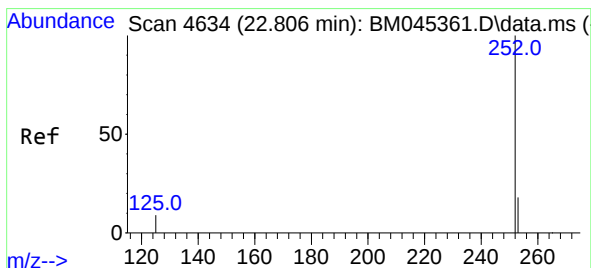
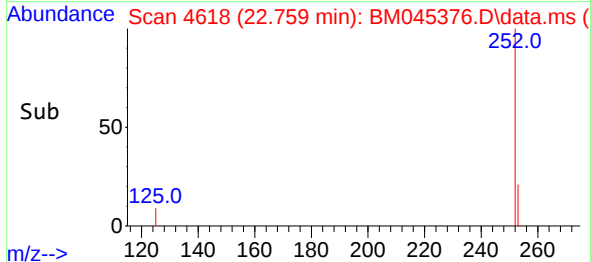
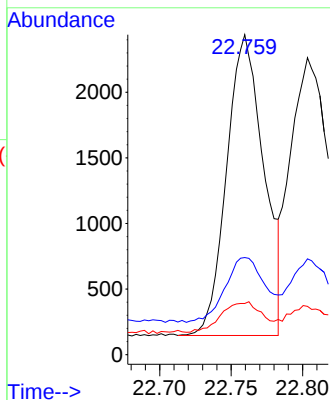
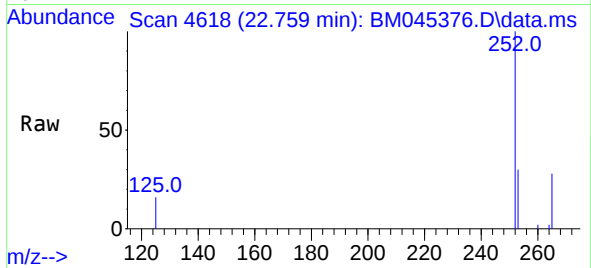
#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 22.759 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

Instrument :
BNA_M
ClientSampleId :
SLCS255

Tgt Ion:252 Resp: 414
Ion Ratio Lower Upper
252 100
253 30.3 0.0 56.4
125 16.0 0.0 33.4

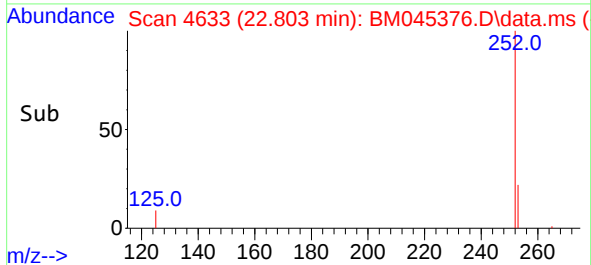
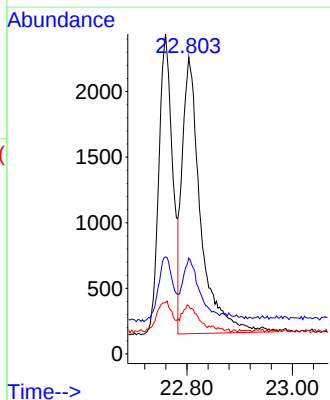
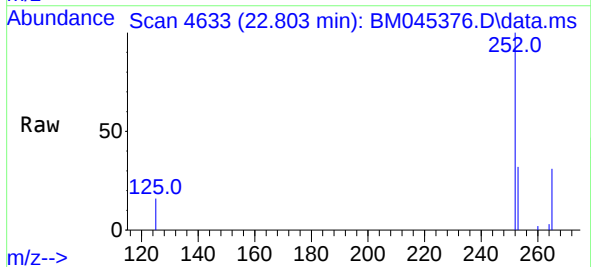
Manual Integrations
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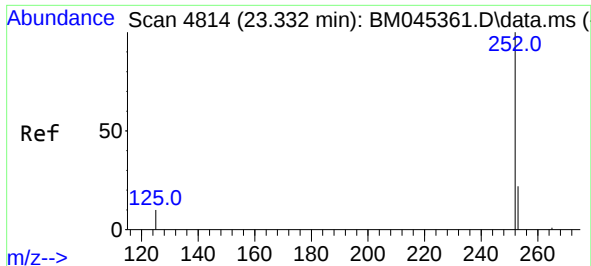
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.478 ng/ul
RT: 22.803 min Scan# 4633
Delta R.T. -0.003 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

Tgt Ion:252 Resp: 5109
Ion Ratio Lower Upper
252 100
253 32.3 22.3 33.5
125 16.3 11.6 17.4





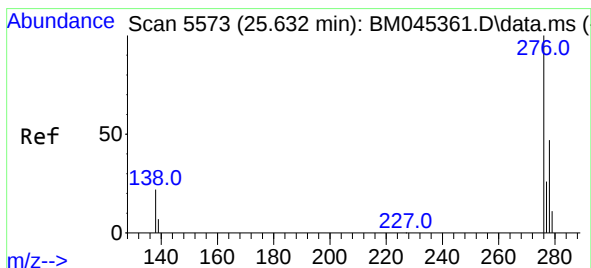
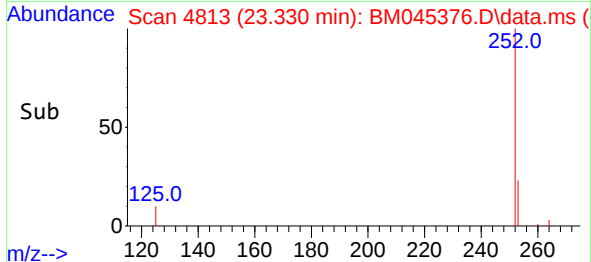
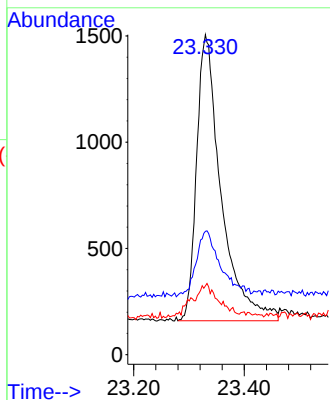
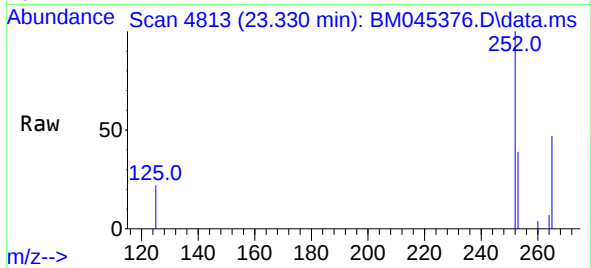
#26
Benzo(a)pyrene
Concen: 0.454 ng/ul
RT: 23.330 min Scan# 4814
Delta R.T. -0.003 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

Instrument :
BNA_M
ClientSampleId :
SLCS255

Tgt Ion:252 Resp: 4140
Ion Ratio Lower Upper
252 100
253 38.6 24.6 37.0
125 21.5 18.2 27.4

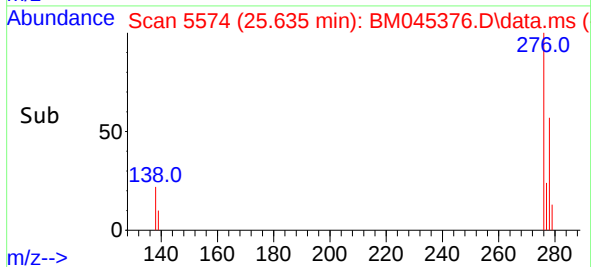
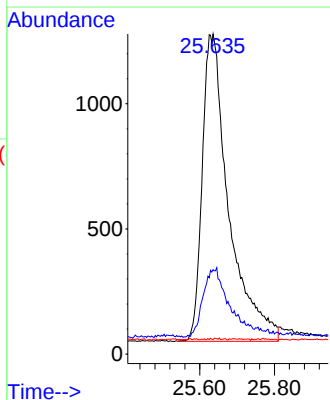
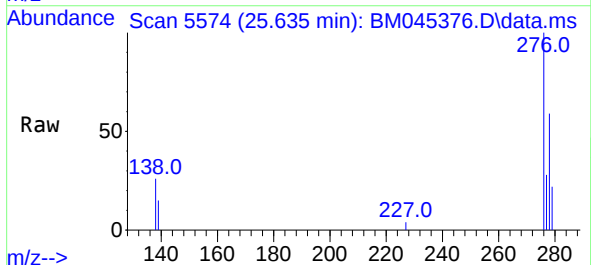
Manual Integrations
APPROVED

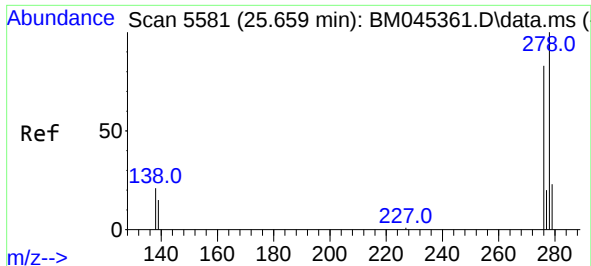
Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng/ul
RT: 25.635 min Scan# 5574
Delta R.T. 0.003 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

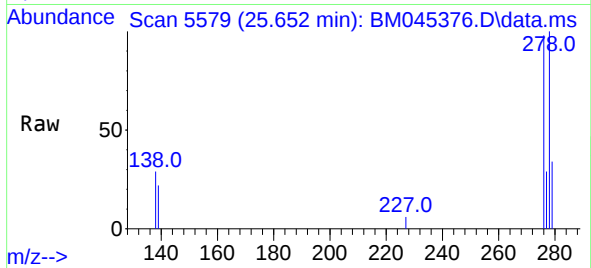
Tgt Ion:276 Resp: 6059
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 25.652 min Scan# 5579
Delta R.T. -0.007 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10

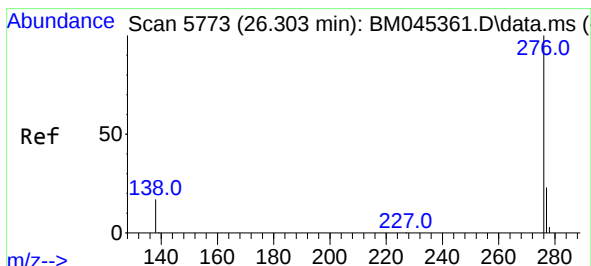
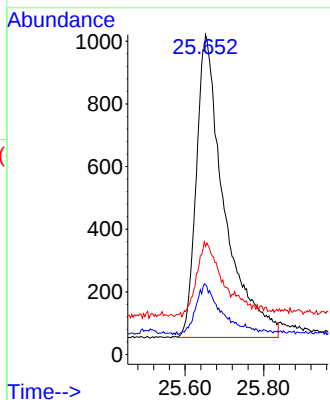
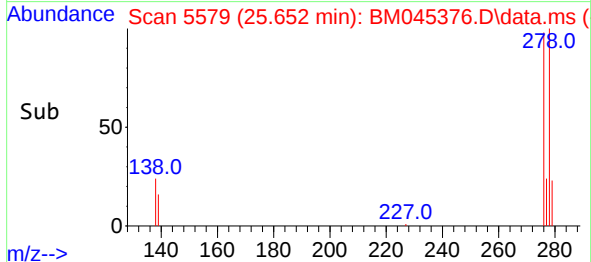
Instrument :
BNA_M
ClientSampleId :
SLCS255



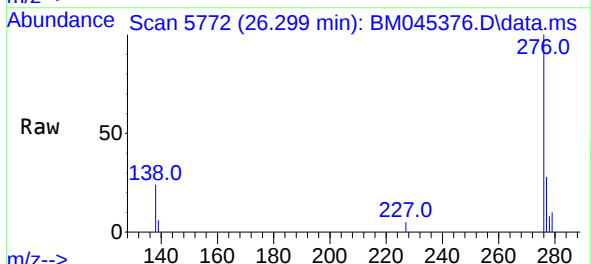
Tgt Ion:278 Resp: 4735
Ion Ratio Lower Upper
278 100
139 21.9 13.6 20.4
279 33.8 23.0 34.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. -0.003 min
Lab File: BM045376.D
Acq: 19 Apr 2024 04:10



Tgt Ion:276 Resp: 5386
Ion Ratio Lower Upper
276 100
138 23.8 16.8 25.2
277 28.0 20.3 30.5

