

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045384.D
 Acq On : 19 Apr 2024 09:34
 Operator : MA/JU
 Sample : P2036-14MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSY4MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 11:04:59 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	7.614	152	709	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.380	136	2051	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.228	164	1066	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.001	188	2350	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.208	240	2234	0.400	ng/ul	#-0.01
23) Perylene-d12	23.417	264	1478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	236	0.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	1001	0.360	ng/ul	-0.02
18) Fluoranthene-d10	19.034	212	2762	0.489	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	9444	10.578	ng/ul#	79
5) Naphthalene	10.429	128	2266	0.416	ng/ul#	90
7) 2-Methylnaphthalene	12.052	142	1358	0.418	ng/ul	94
8) 1-Methylnaphthalene	12.261	142	1387	0.391	ng/ul	92
10) Acenaphthylene	13.955	152	1841	0.346	ng/ul	93
11) Acenaphthene	14.293	153	1651	0.434	ng/ul	99
12) Fluorene	15.301	166	1978	0.463	ng/ul	95
14) Pentachlorophenol	16.659	266	512	0.929	ng/ul	96
15) Phenanthrene	17.043	178	3373	0.510	ng/ul	98
16) Anthracene	17.157	178	262m	0.040	ng/ul	
19) Fluoranthene	19.061	202	4370	0.547	ng/ul#	95
20) Pyrene	19.429	202	4500	0.534	ng/ul	97
21) Benzo(a)anthracene	21.199	228	2351	0.302	ng/ul	95
22) Chrysene	21.246	228	5054	0.521	ng/ul	97
24) Benzo(b)fluoranthene	22.753	252	5229	0.980	ng/ul	95
25) Benzo(k)fluoranthene	22.800	252	6191	1.036	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.615	276	7254	1.038	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.632	278	5582	1.009	ng/ul#	93
29) Benzo(g,h,i)perylene	26.286	276	6100	1.013	ng/ul	95

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

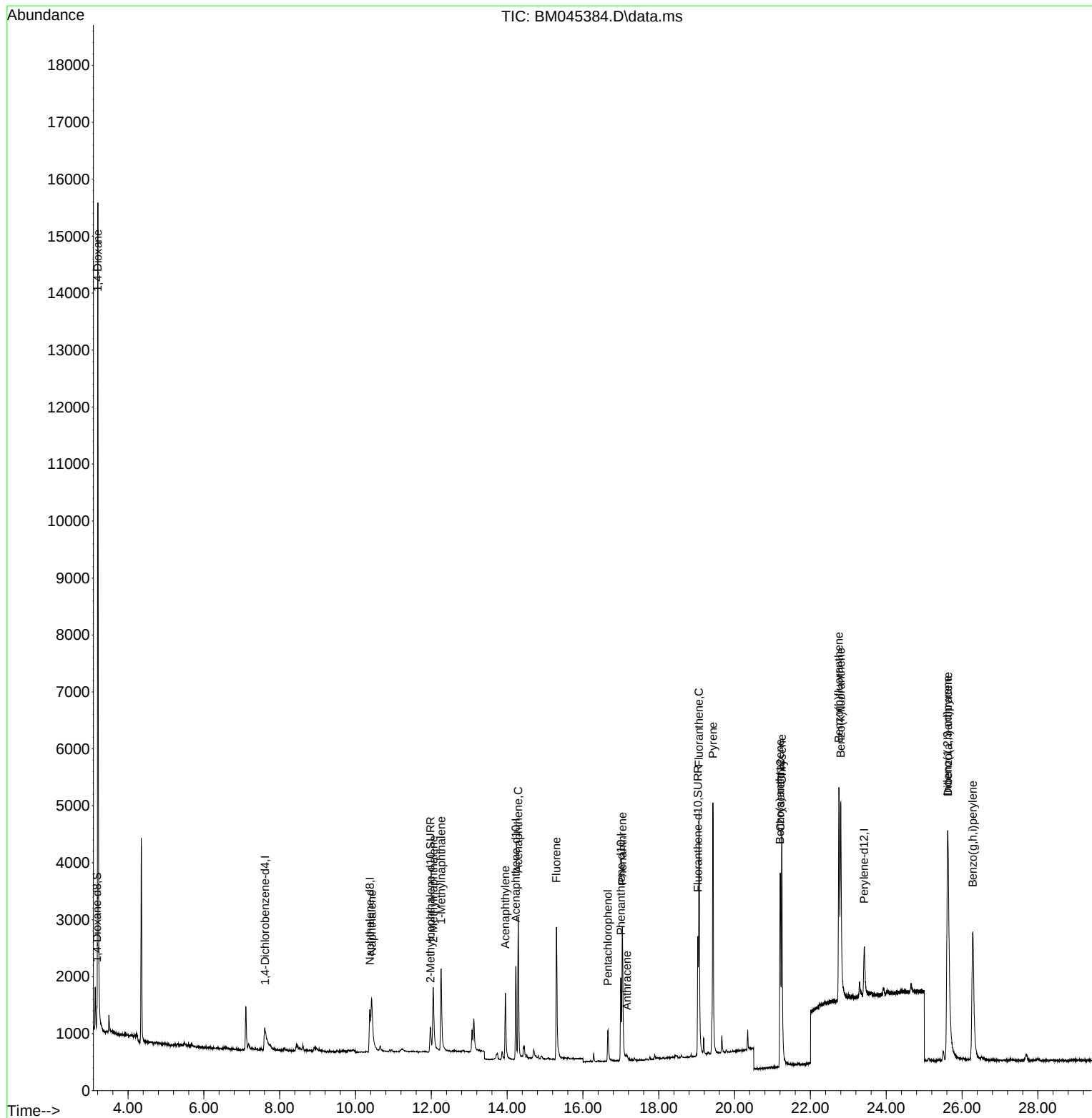
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045384.D
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Operator : MA/JU
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ALS Vial : 27 Sample Multiplier: 1

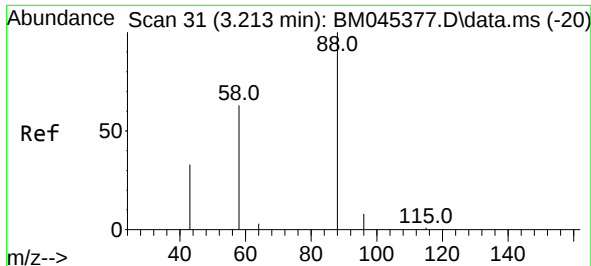
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD

Quant Time: Apr 19 11:04:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024





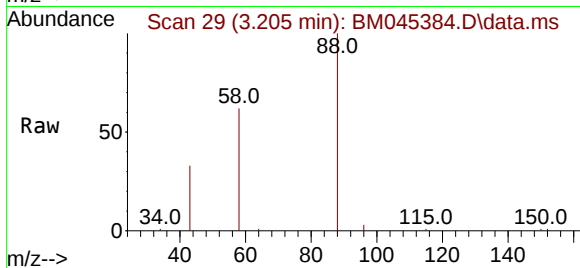
#2
1,4-Dioxane
Concen: 10.578 ng/ul
RT: 3.205 min Scan# 29
Delta R.T. -0.009 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

Instrument :

BNA_M

ClientSampleId :

YCSY4MSD



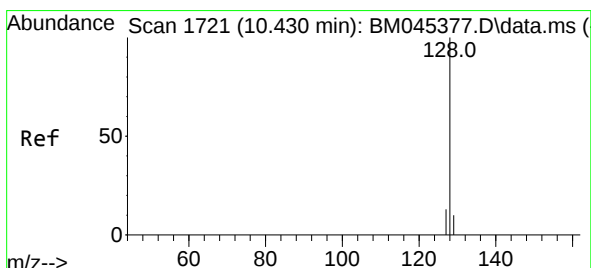
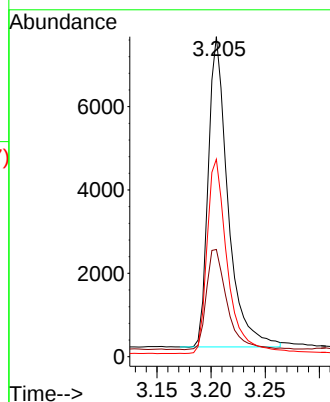
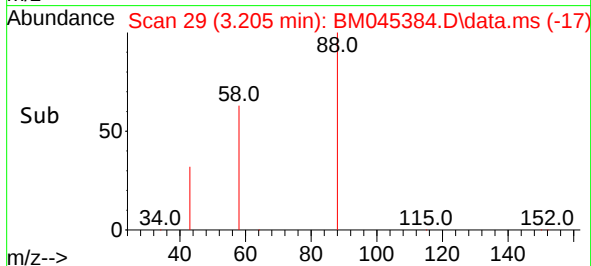
Tgt Ion: 88 Resp: 944
Ion Ratio Lower Upper
88 100
43 33.5 30.6 46.0
58 61.7 32.6 48.8

Manual Integrations

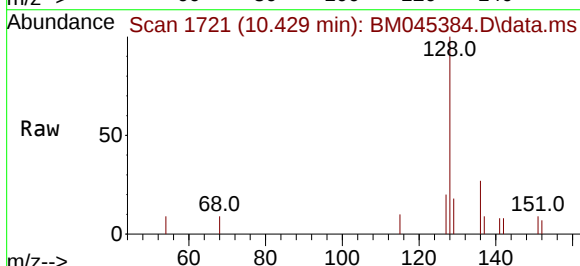
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

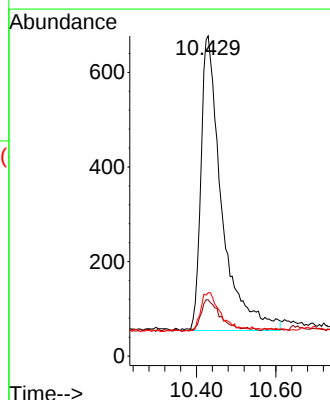
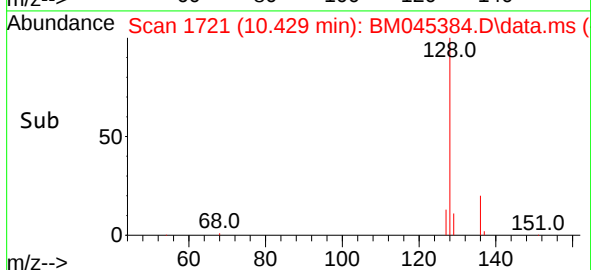
Supervised By :mohammad ahmed 04/22/2024

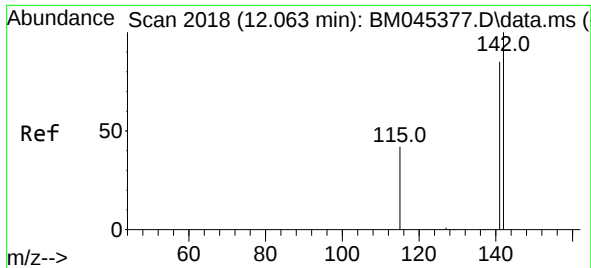


#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.429 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34



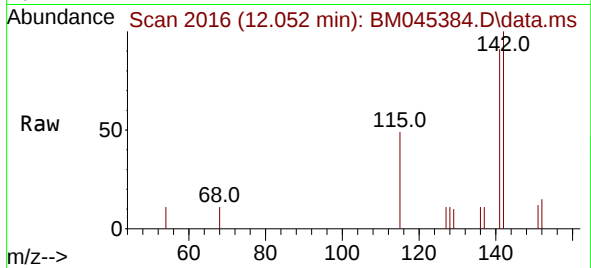
Tgt Ion:128 Resp: 2266
Ion Ratio Lower Upper
128 100
129 17.6 11.3 16.9#
127 19.8 11.9 17.9#





#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.052 min Scan# 2016
Delta R.T. -0.017 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

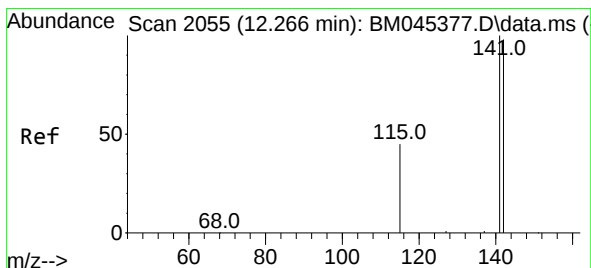
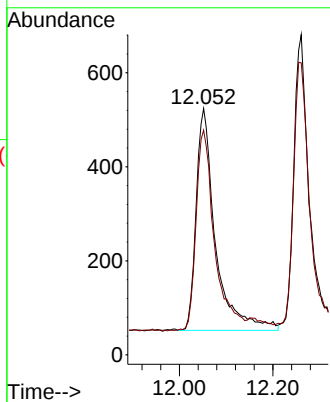
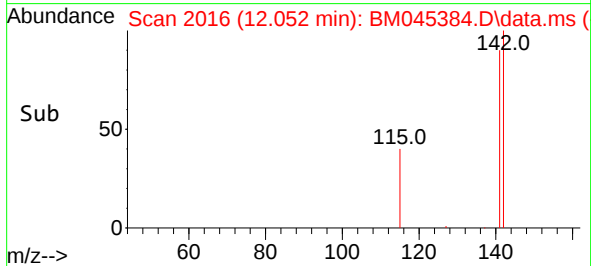
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



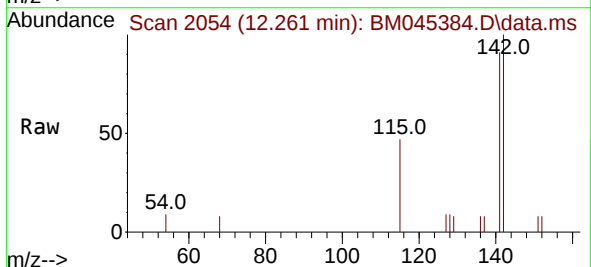
Tgt Ion:142 Resp: 1358
Ion Ratio Lower Upper
142 100
141 87.0 73.8 110.8

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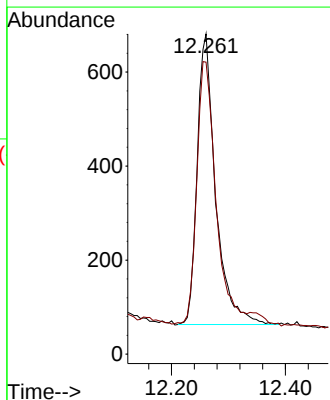
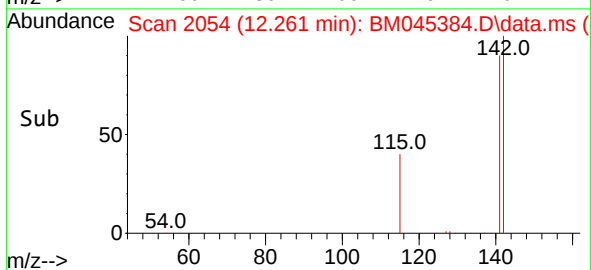
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

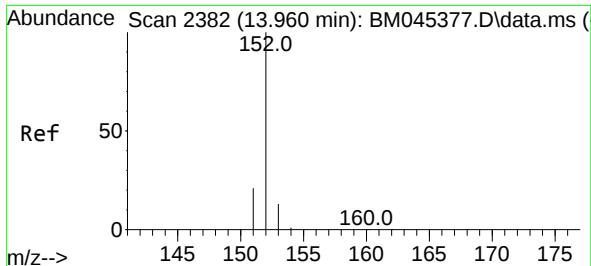


#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34



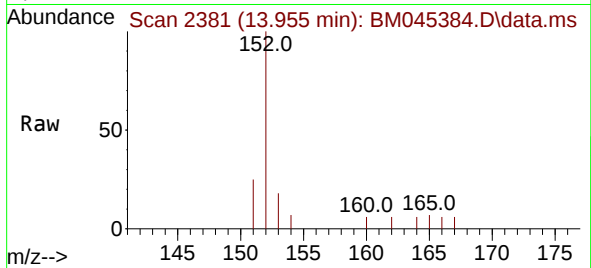
Tgt Ion:142 Resp: 1387
Ion Ratio Lower Upper
142 100
141 100.1 74.2 111.2





#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.955 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

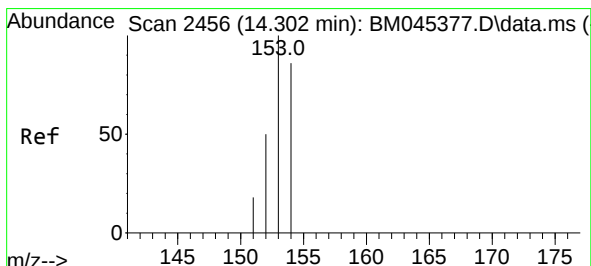
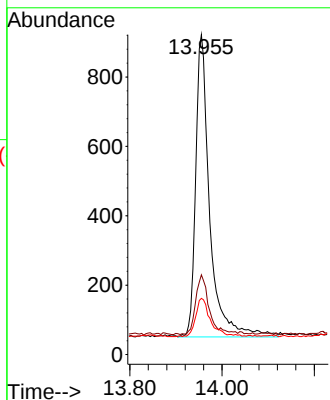
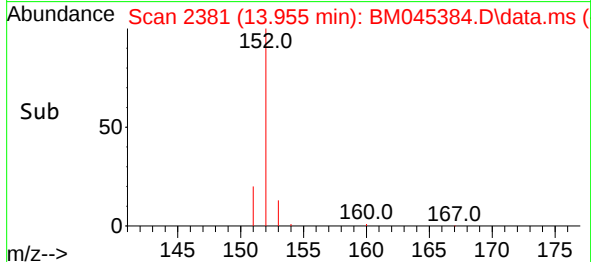
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



Tgt Ion:152 Resp: 184
Ion Ratio Lower Upper
152 100
151 24.9 17.0 25.4
153 17.6 11.9 17.9

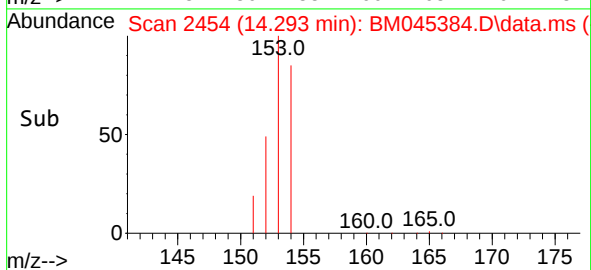
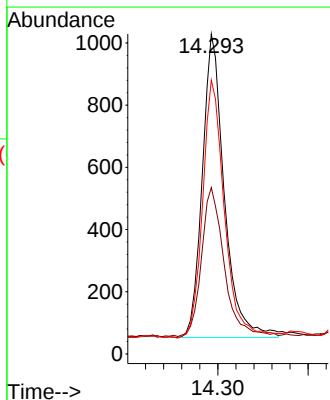
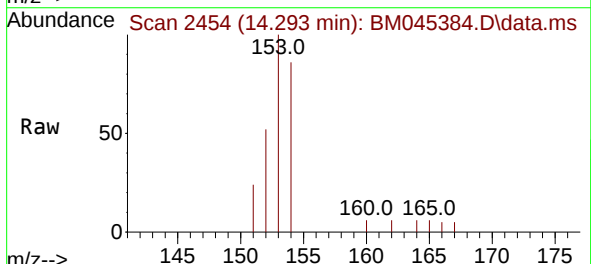
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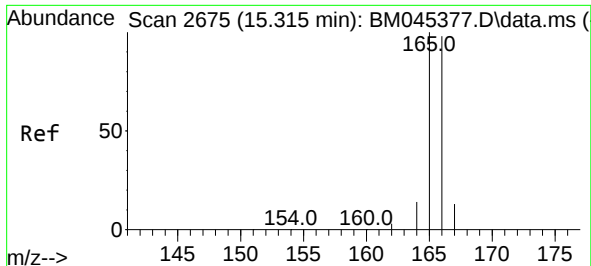
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

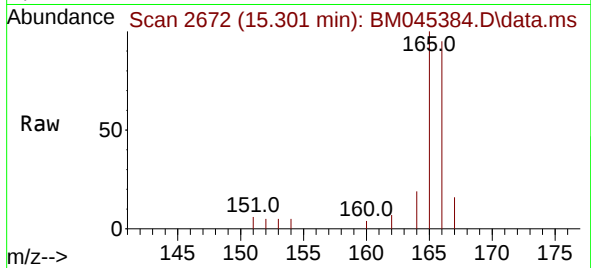
Tgt Ion:153 Resp: 1651
Ion Ratio Lower Upper
153 100
152 52.0 41.2 61.8
154 85.6 69.4 104.0





#12
Fluorene
Concen: 0.463 ng/ul
RT: 15.301 min Scan# 2672
Delta R.T. -0.023 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

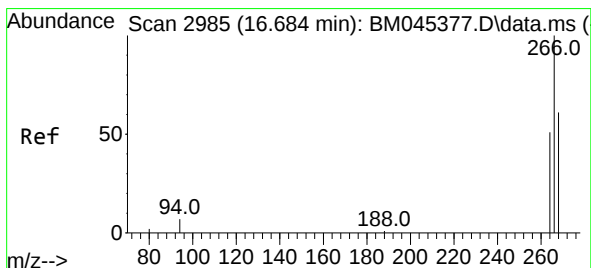
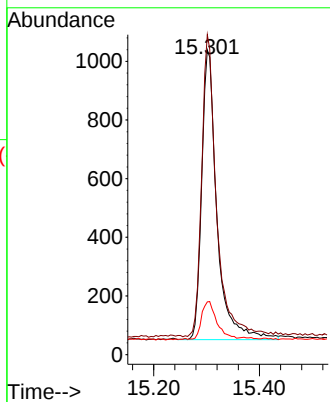
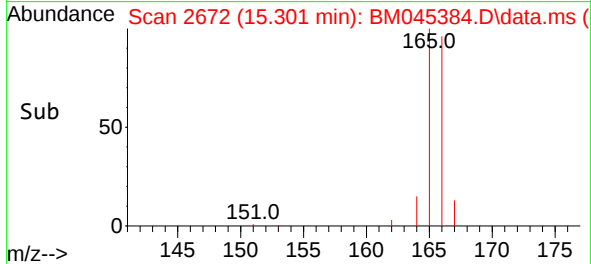
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



Tgt Ion:166 Resp: 1978
Ion Ratio Lower Upper
166 100
165 105.0 79.9 119.9
167 17.3 12.2 18.2

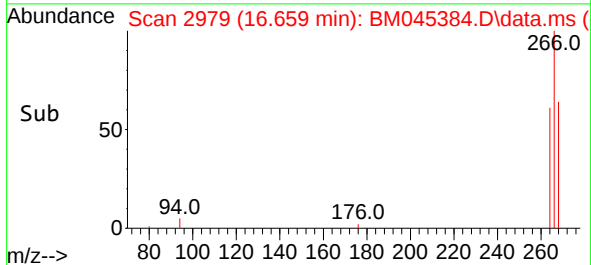
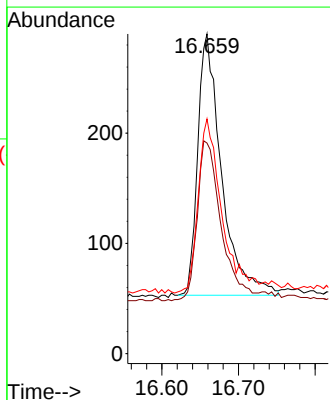
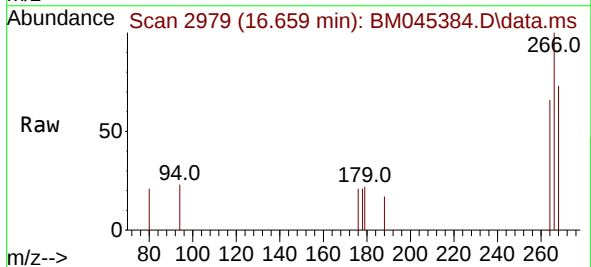
Manual Integrations
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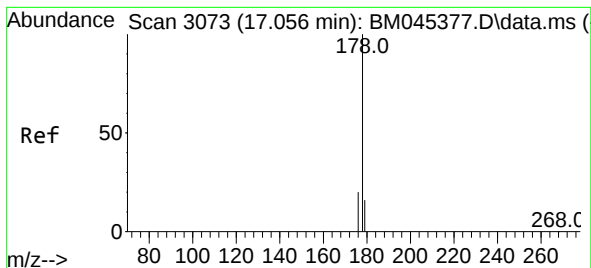
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#14
Pentachlorophenol
Concen: 0.929 ng/ul
RT: 16.659 min Scan# 2979
Delta R.T. -0.030 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

Tgt Ion:266 Resp: 512
Ion Ratio Lower Upper
266 100
264 64.3 48.3 72.5
268 68.9 52.6 79.0





#15

Phenanthrene

Concen: 0.510 ng/ul

RT: 17.043 min Scan# 3070

Delta R.T. -0.017 min

Lab File: BM045384.D

Acq: 19 Apr 2024 09:34

Instrument :

BNA_M

ClientSampleId :

YCSY4MSD

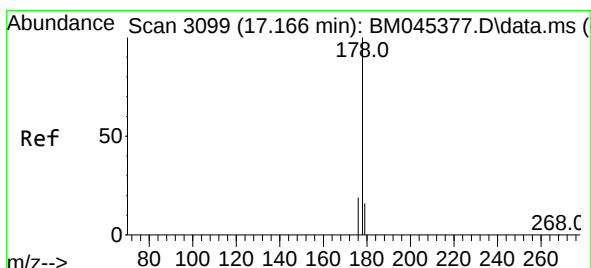
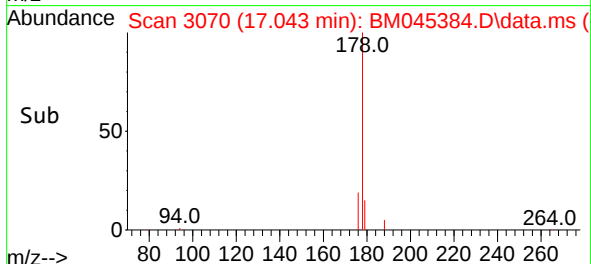
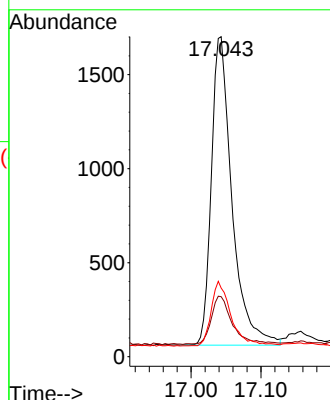
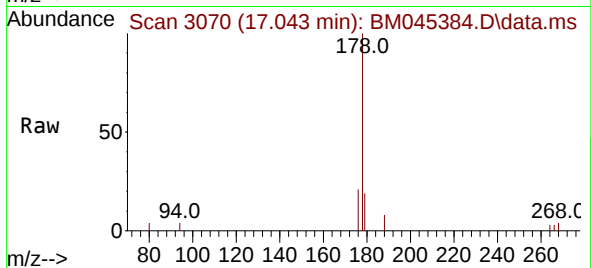
Tgt Ion:	178	Resp:	337
Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.7	20.5
176	21.4	17.0	25.4

Manual Integrations

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Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#16

Anthracene

Concen: 0.040 ng/ul m

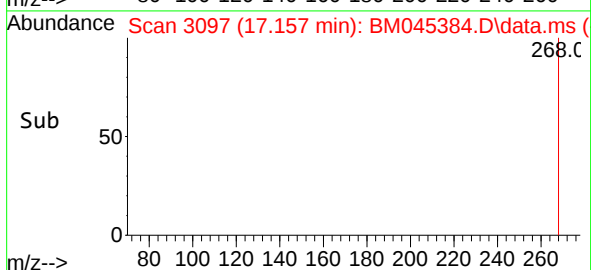
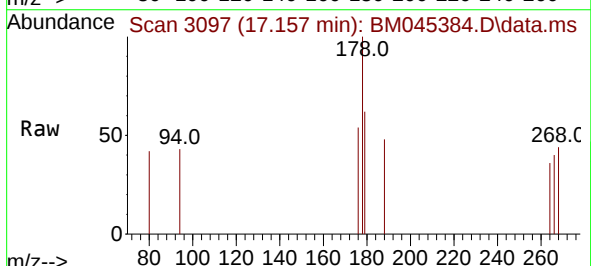
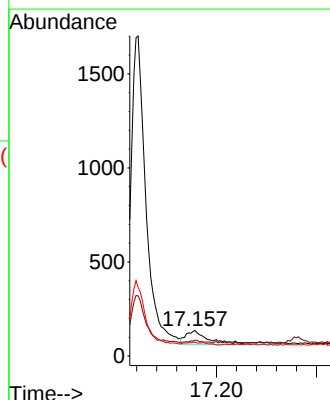
RT: 17.157 min Scan# 3097

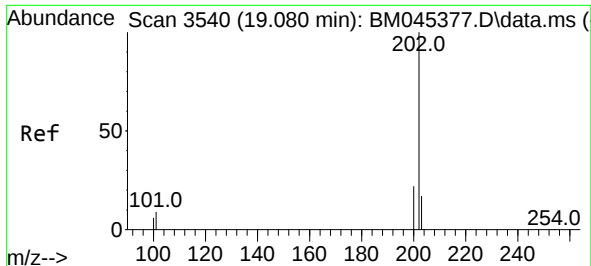
Delta R.T. -0.013 min

Lab File: BM045384.D

Acq: 19 Apr 2024 09:34

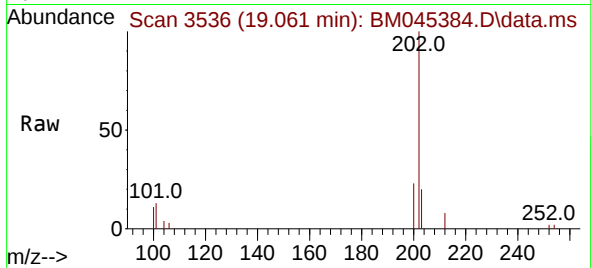
Tgt Ion:	178	Resp:	262
Ion	Ratio	Lower	Upper
178	100		
179	62.2	13.8	20.8#
176	54.1	16.2	24.4#





#19
Fluoranthene
Concen: 0.547 ng/u1
RT: 19.061 min Scan# 3536
Delta R.T. -0.023 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

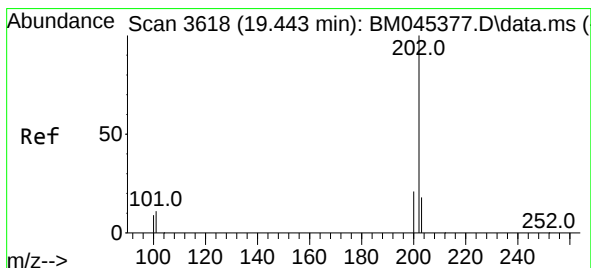
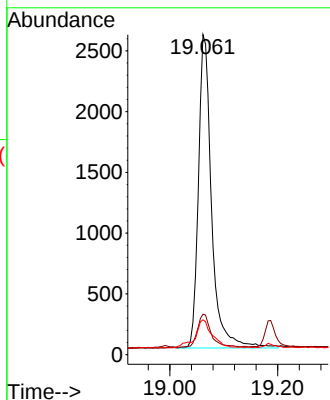
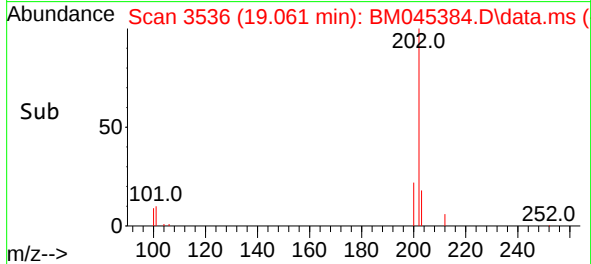
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



Tgt Ion:202 Resp: 4370
Ion Ratio Lower Upper
202 100
101 12.6 8.8 13.2
100 10.9 7.0 10.4

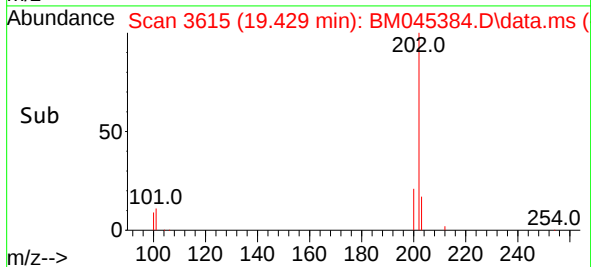
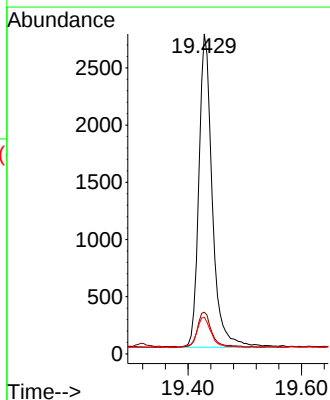
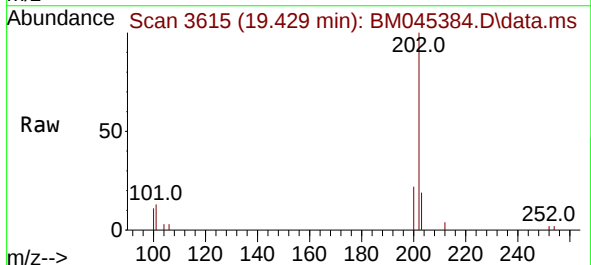
Manual Integrations
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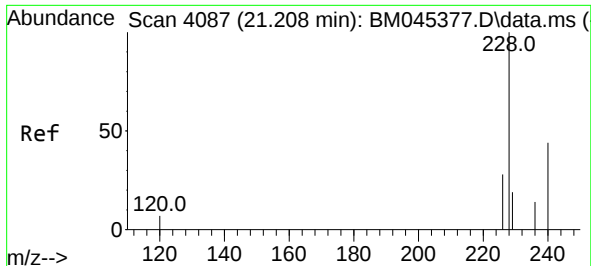
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
Pyrene
Concen: 0.534 ng/u1
RT: 19.429 min Scan# 3615
Delta R.T. -0.019 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

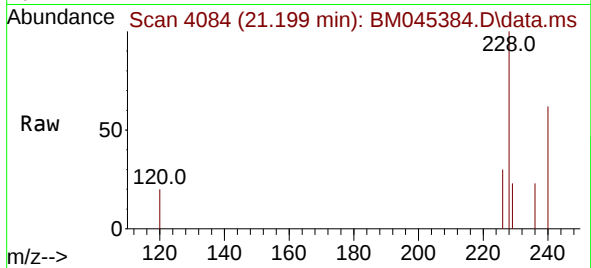
Tgt Ion:202 Resp: 4500
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 11.5 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.302 ng/u1
RT: 21.199 min Scan# 4084
Delta R.T. -0.012 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

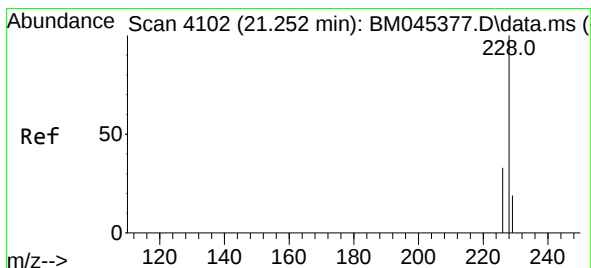
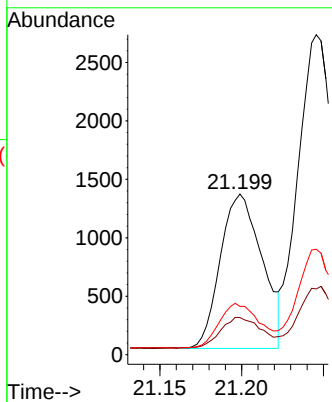
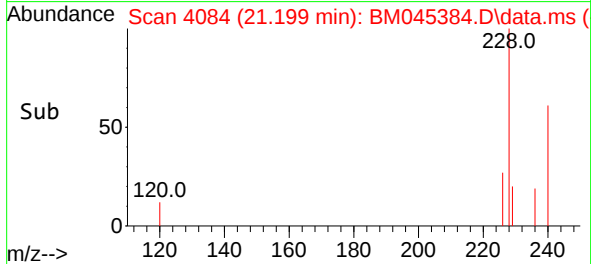
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



Tgt Ion:228 Resp: 235
Ion Ratio Lower Upper
228 100
229 23.1 16.4 24.6
226 30.1 22.3 33.5

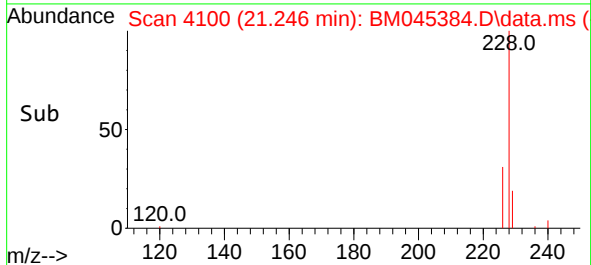
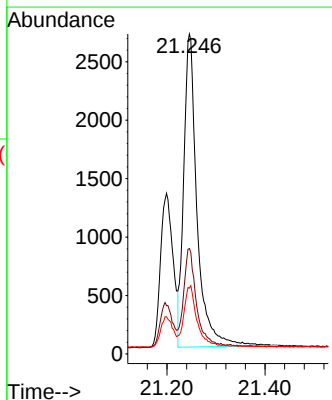
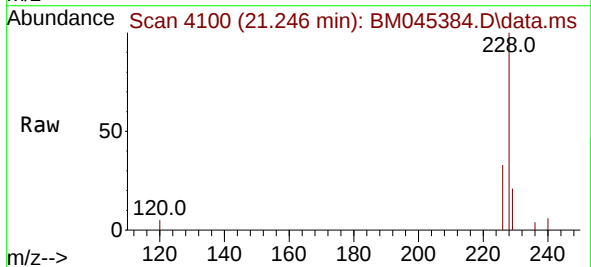
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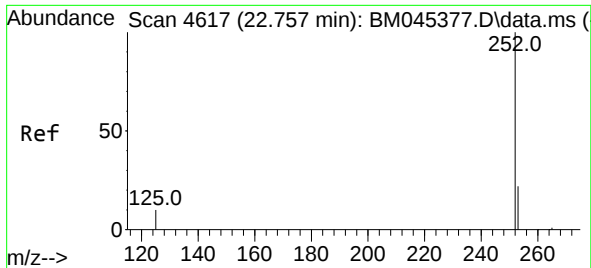
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Chrysene
Concen: 0.521 ng/u1
RT: 21.246 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

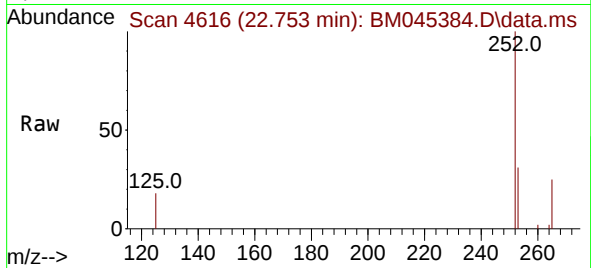
Tgt Ion:228 Resp: 5054
Ion Ratio Lower Upper
228 100
226 32.9 24.9 37.3
229 20.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.980 ng/ul
RT: 22.753 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

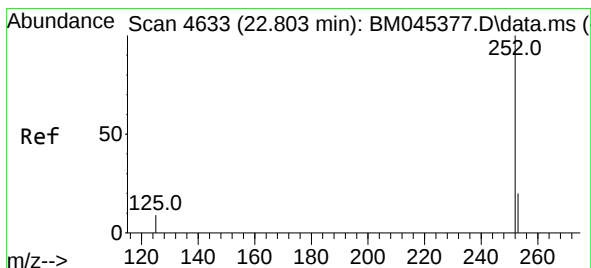
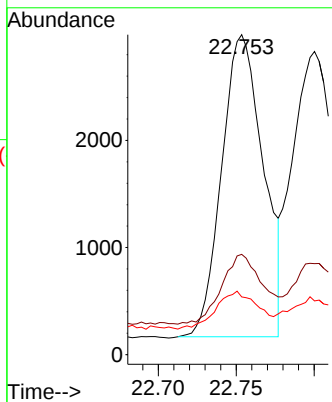
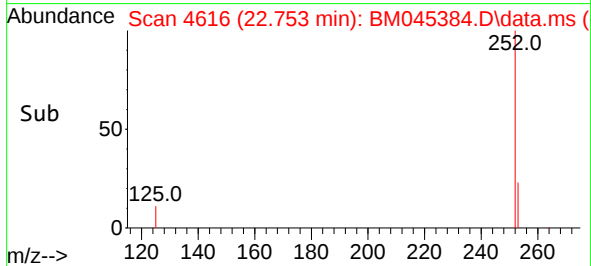
Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



Tgt Ion:252 Resp: 5229
Ion Ratio Lower Upper
252 100
253 31.3 0.0 56.4
125 18.0 0.0 33.4

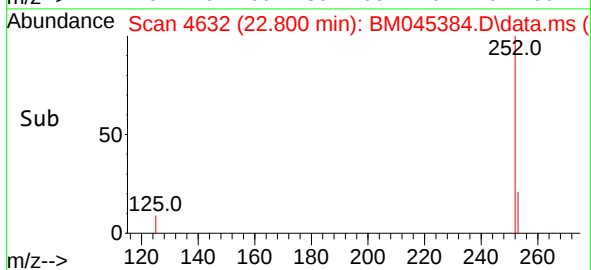
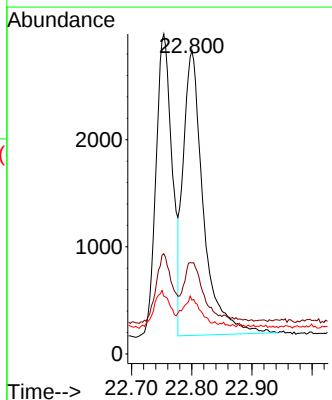
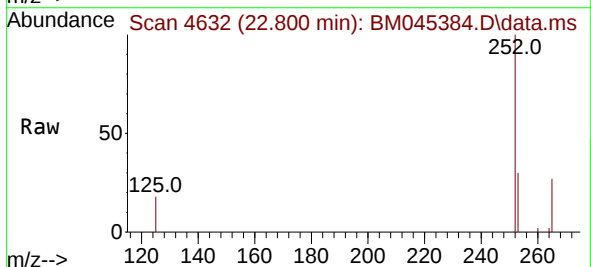
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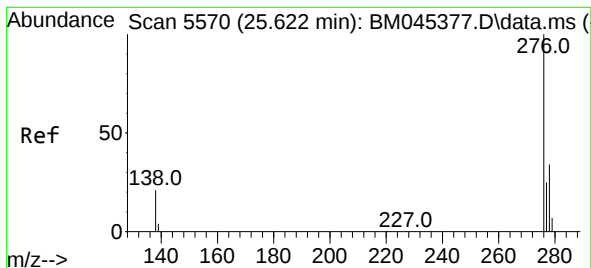
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#25
Benzo(k)fluoranthene
Concen: 1.036 ng/ul
RT: 22.800 min Scan# 4632
Delta R.T. -0.006 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

Tgt Ion:252 Resp: 6191
Ion Ratio Lower Upper
252 100
253 30.0 22.3 33.5
125 17.7 11.6 17.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.038 ng/ul

RT: 25.615 min Scan# 5568

Delta R.T. -0.017 min

Lab File: BM045384.D

Acq: 19 Apr 2024 09:34

Instrument :

BNA_M

ClientSampleId :

YCSY4MSD

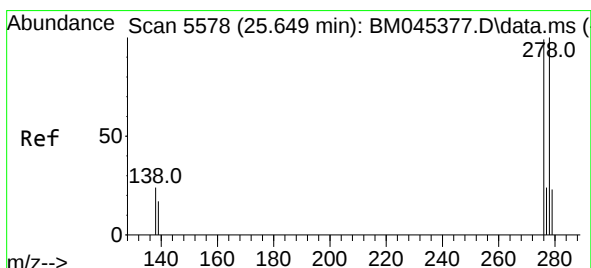
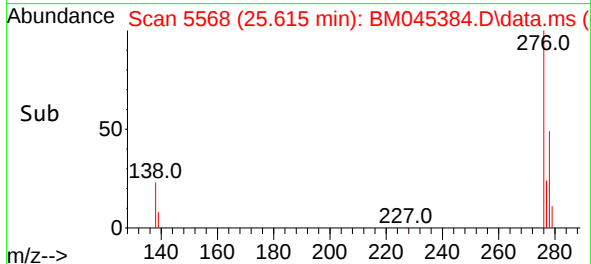
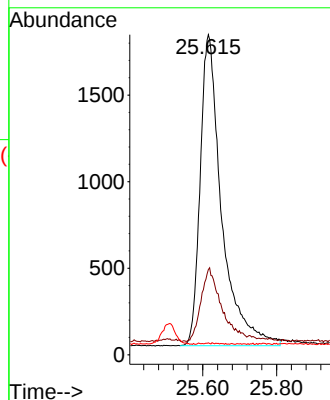
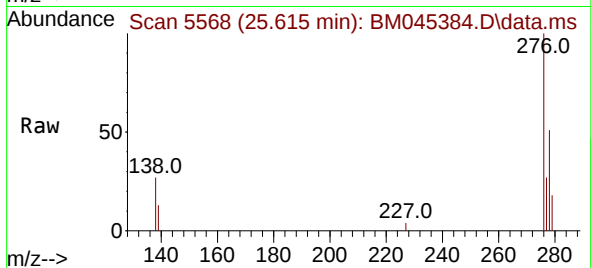
Tgt Ion:	276	Resp:	7254
Ion Ratio	Lower	Upper	
276	100		
138	23.8	0.0	0.0
227	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#28

Dibenzo(a,h)anthracene

Concen: 1.009 ng/ul

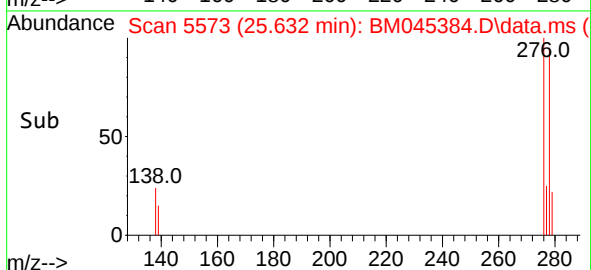
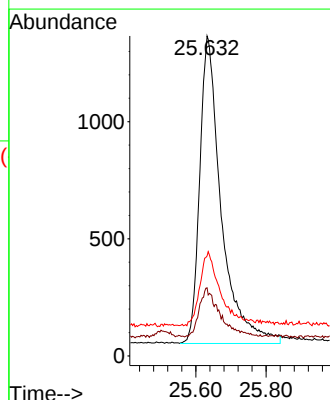
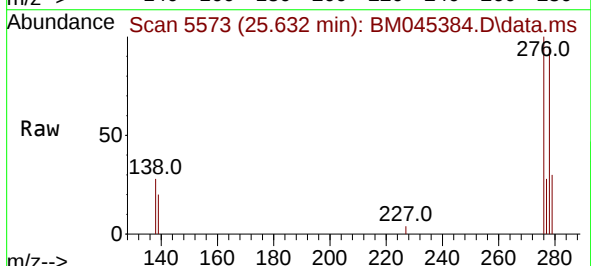
RT: 25.632 min Scan# 5573

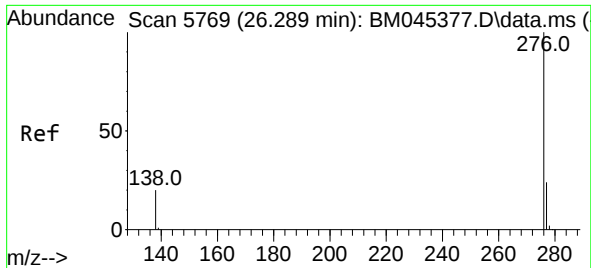
Delta R.T. -0.027 min

Lab File: BM045384.D

Acq: 19 Apr 2024 09:34

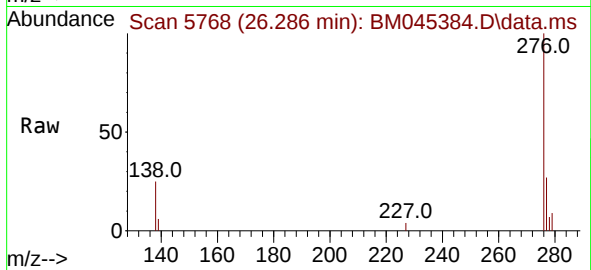
Tgt Ion:	278	Resp:	5582
Ion Ratio	Lower	Upper	
278	100		
139	21.3	13.6	20.4
279	31.3	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 1.013 ng/ul
RT: 26.286 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM045384.D
Acq: 19 Apr 2024 09:34

Instrument :
BNA_M
ClientSampleId :
YCSY4MSD



Tgt Ion:276 Resp: 6100
Ion Ratio Lower Upper
276 100
138 24.8 16.8 25.2
277 26.6 20.3 30.5

Manual Integrations
APPROVED

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

