

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043014.D
 Acq On : 25 Nov 2023 14:26
 Operator : MA/JU
 Sample : 05336-03MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKB9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 02:43:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	908m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.612	136	3019	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	1819m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.213	188	4222	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2614	0.400	ng/ul	#-0.02
23) Perylene-d12	23.762	264	2982	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	270	0.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	1631	0.404	ng/ul	-0.04
18) Fluoranthene-d10	19.239	212	3702	0.389	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	709	0.474	ng/ul	95
5) Naphthalene	10.656	128	26346	3.211	ng/ul#	83
7) 2-Methylnaphthalene	12.278	142	2604	0.538	ng/ul	98
8) 1-Methylnaphthalene	12.493	142	7489	1.388	ng/ul	99
10) Acenaphthylene	14.183	152	8231	0.887	ng/ul	93
11) Acenaphthene	14.516	153	287027	40.808	ng/ul	96
12) Fluorene	15.506	166	84028	11.634	ng/ul#	99
14) Pentachlorophenol	16.858	266	842	0.737	ng/ul	99
15) Phenanthrene	17.251	178	6256	0.519	ng/ul	97
16) Anthracene	17.348	178	5474	0.480	ng/ul	91
19) Fluoranthene	19.272	202	9147	0.617	ng/ul#	93
20) Pyrene	19.639	202	7346	0.466	ng/ul	95
21) Benzo(a)anthracene	21.388	228	4356	0.514	ng/ul	96
22) Chrysene	21.441	228	5442	0.345	ng/ul	98
24) Benzo(b)fluoranthene	23.034	252	4476	0.445	ng/ul	96
25) Benzo(k)fluoranthene	23.083	252	5687	0.410	ng/ul	95
26) Benzo(a)pyrene	23.659	252	4408	0.401	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.218	276	5706	0.384	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.235	278	4452	0.387	ng/ul#	86
29) Benzo(g,h,i)perylene	26.979	276	5067	0.350	ng/ul	96

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

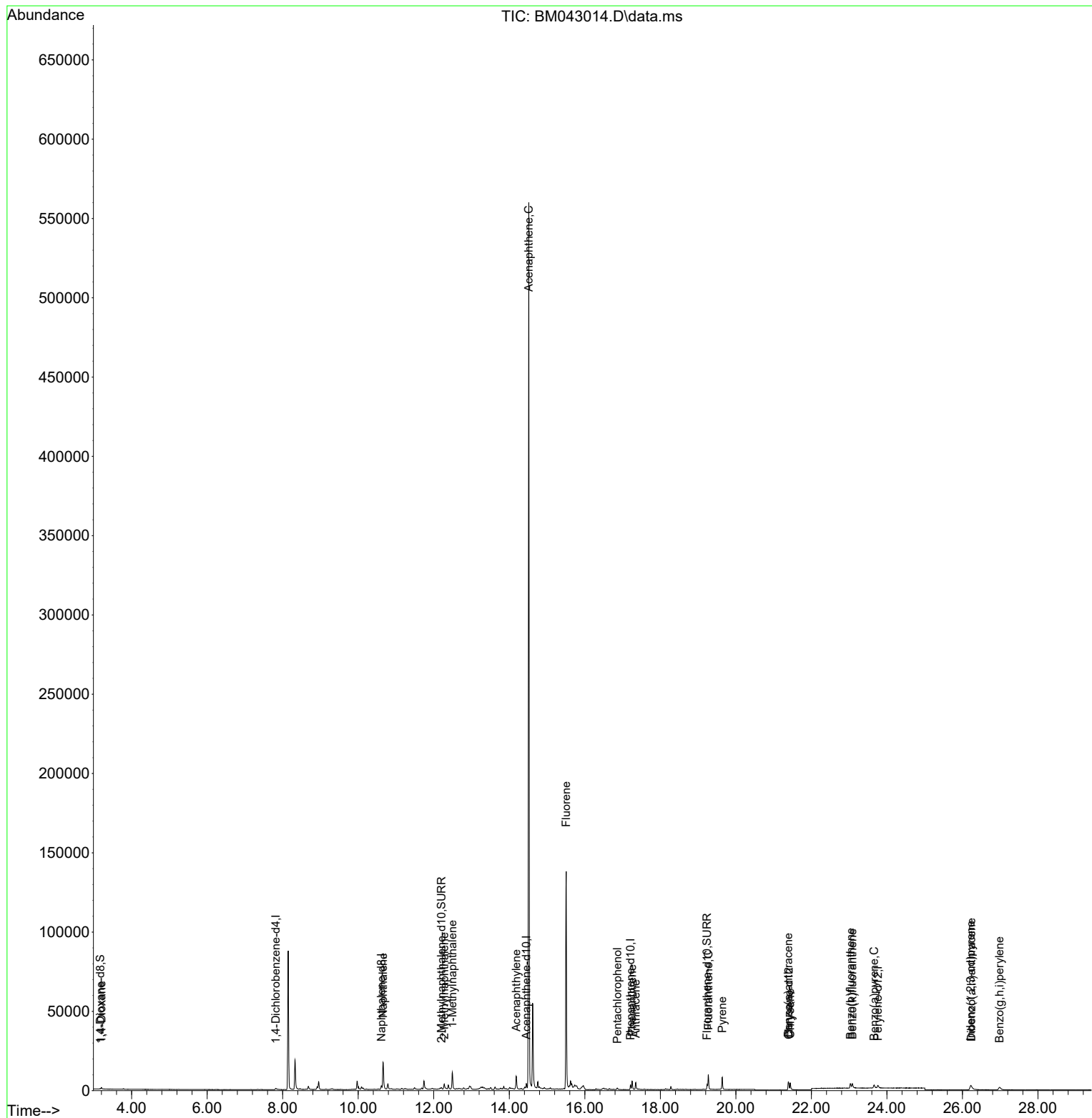
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043014.D
Acq On : 25 Nov 2023 14:26
Operator : MA/JU
Sample : 05336-03MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

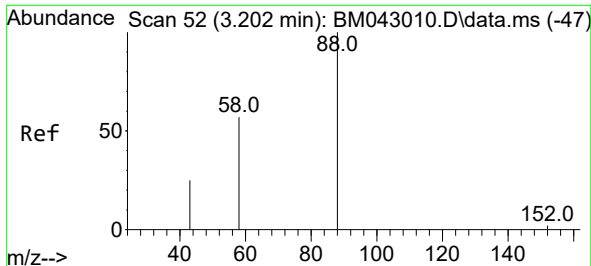
Instrument :
BNA_M
ClientSampleId :
DCKB9MS

Manual Integrations
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

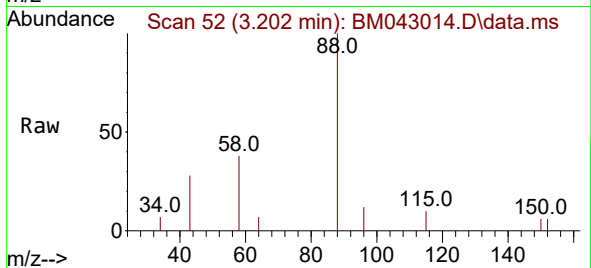
Quant Time: Nov 27 02:43:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.474 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

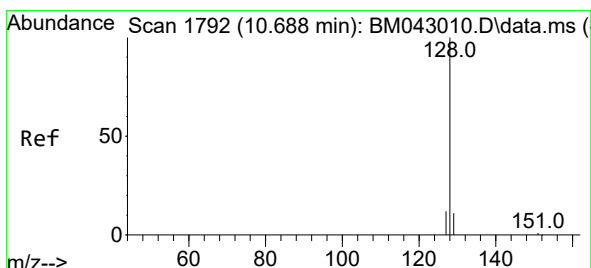
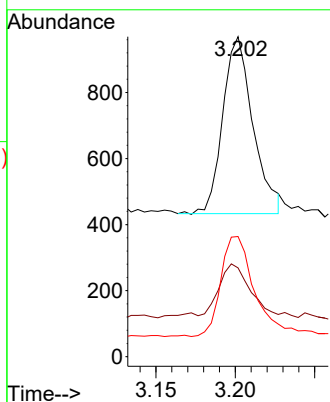
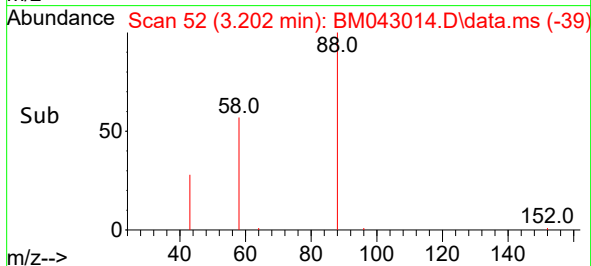
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



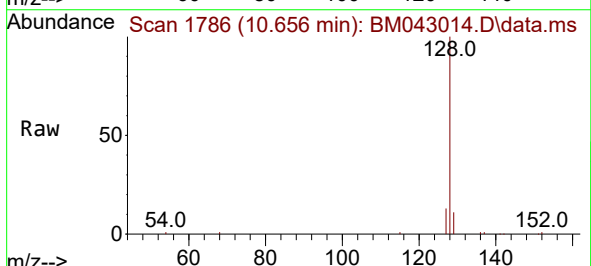
Tgt Ion: 88 Resp: 709
Ion Ratio Lower Upper
88 100
43 27.8 22.8 34.2
58 37.6 26.8 40.2

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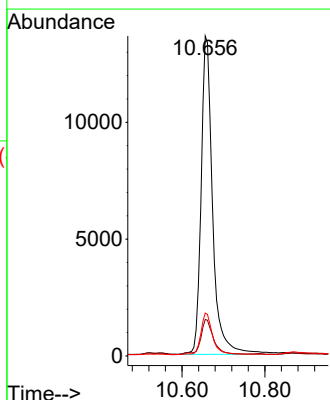
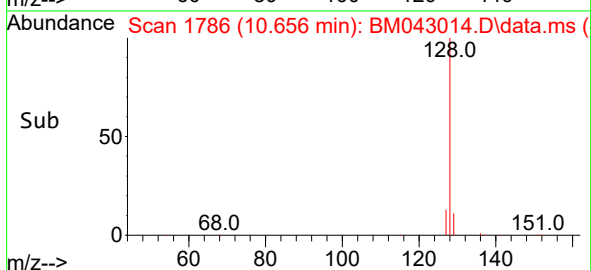
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

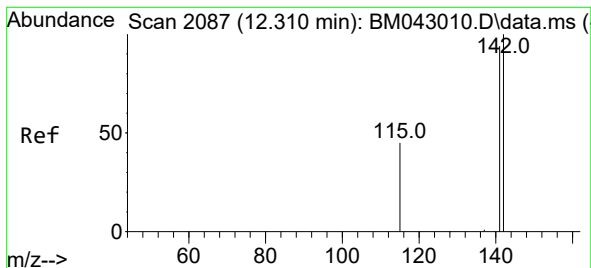


#5
Naphthalene
Concen: 3.211 ng/ul
RT: 10.656 min Scan# 1786
Delta R.T. -0.043 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26



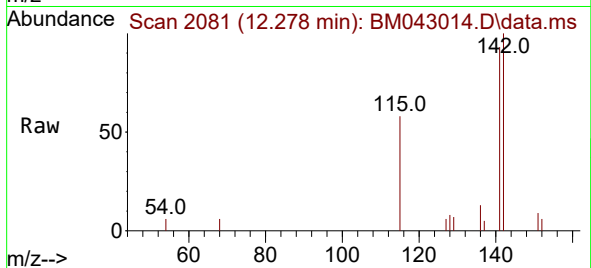
Tgt Ion:128 Resp: 26346
Ion Ratio Lower Upper
128 100
129 11.4 16.0 24.0#
127 13.4 16.5 24.7#





#7
2-Methylnaphthalene
Concen: 0.538 ng/ul
RT: 12.278 min Scan# 2087
Delta R.T. -0.054 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

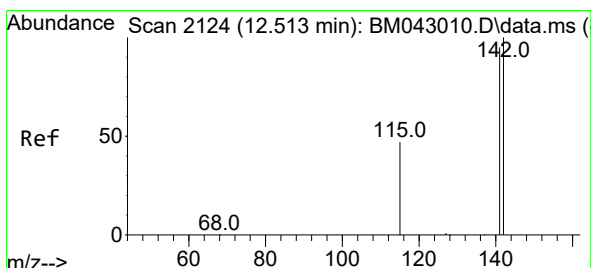
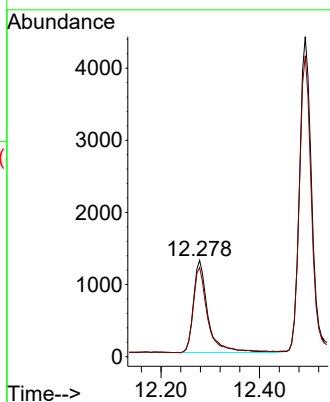
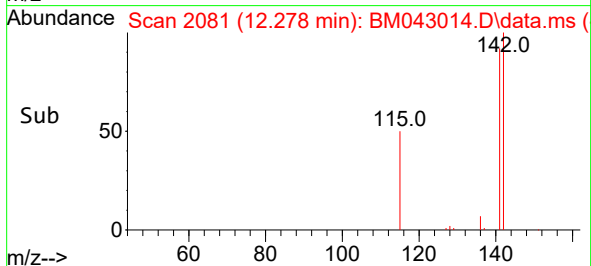
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



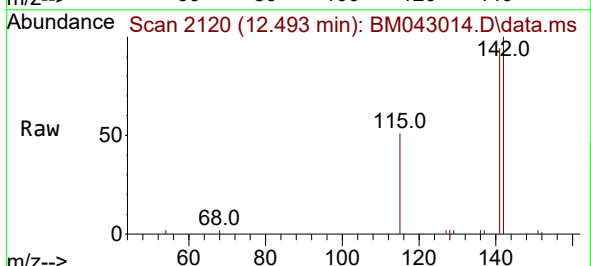
Tgt Ion:142 Resp: 2604
Ion Ratio Lower Upper
142 100
141 92.9 76.1 114.1

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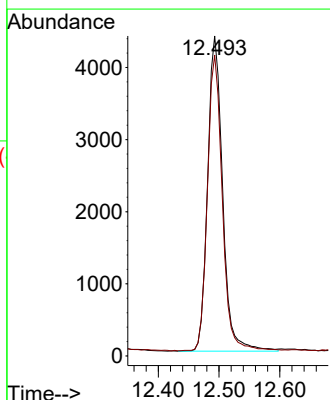
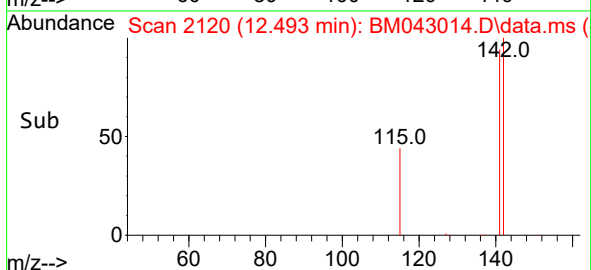
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

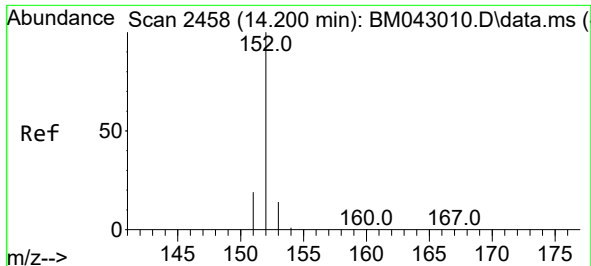


#8
1-Methylnaphthalene
Concen: 1.388 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.026 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26



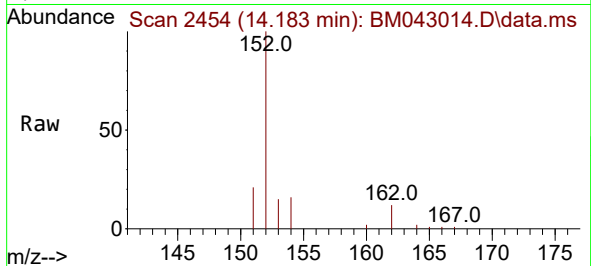
Tgt Ion:142 Resp: 7489
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8





#10
Acenaphthylene
Concen: 0.887 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.022 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

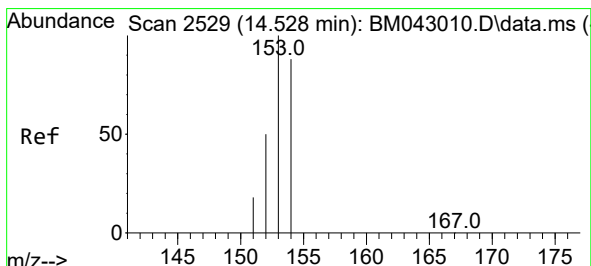
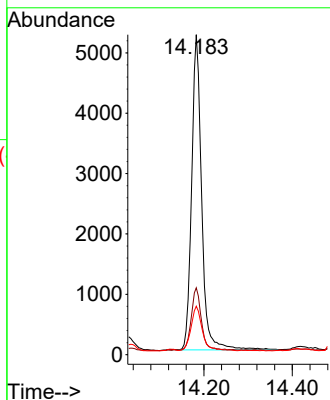
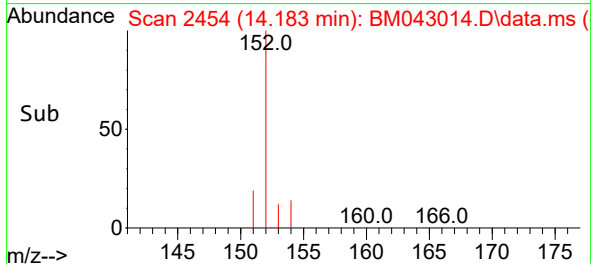
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



Tgt Ion:152 Resp: 823
Ion Ratio Lower Upper
152 100
151 20.9 19.4 29.0
153 15.2 14.6 21.8

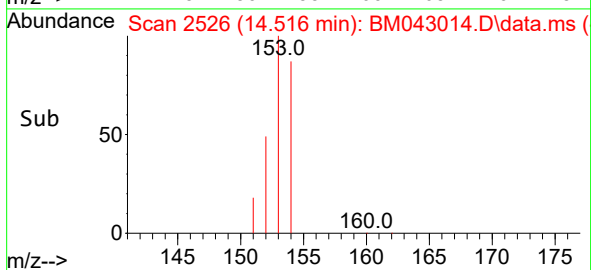
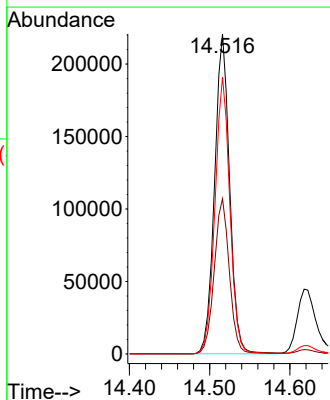
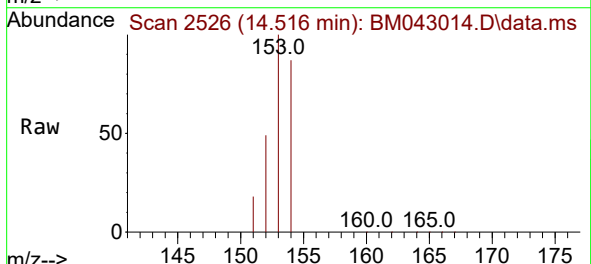
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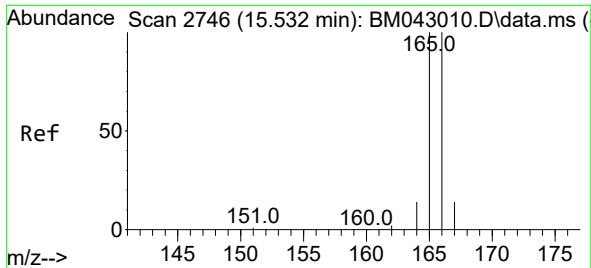
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 40.808 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

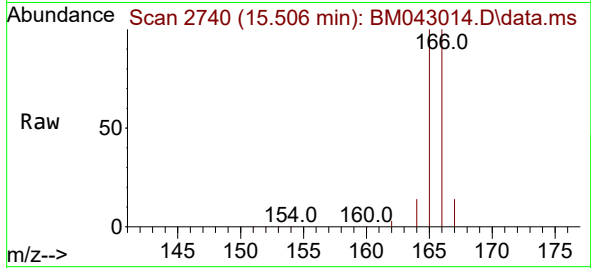
Tgt Ion:153 Resp: 287027
Ion Ratio Lower Upper
153 100
152 48.5 43.9 65.9
154 86.5 70.6 105.8





#12
Fluorene
Concen: 11.634 ng/ul
RT: 15.506 min Scan# 2740
Delta R.T. -0.031 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

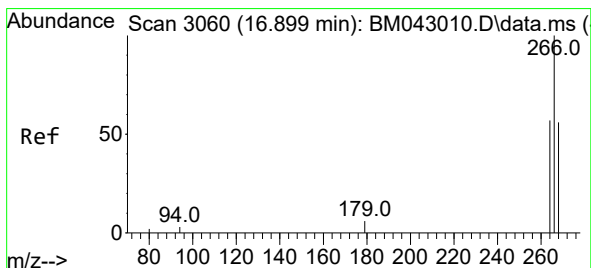
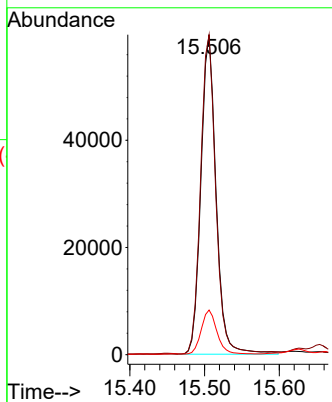
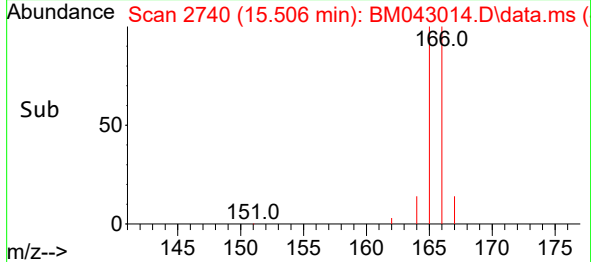
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



Tgt Ion:166 Resp: 84028
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 13.9 14.2 21.4

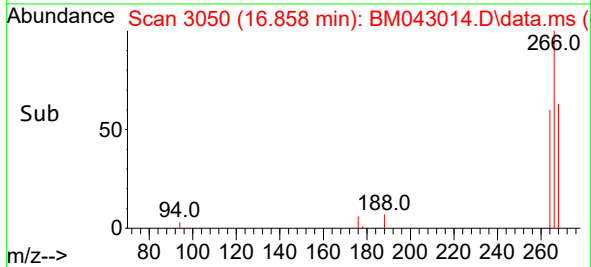
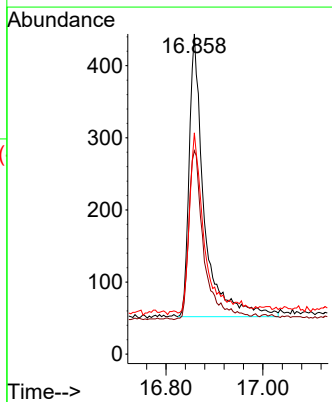
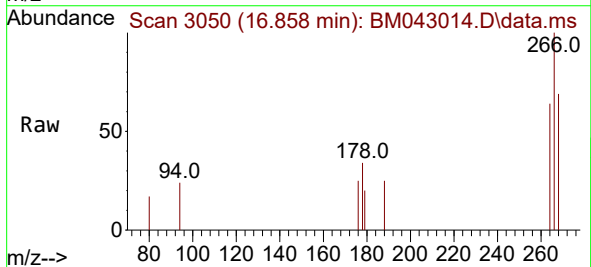
Manual Integrations
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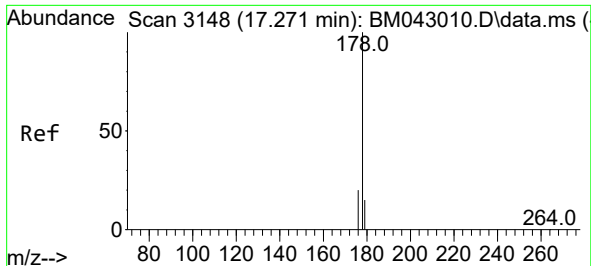
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#14
Pentachlorophenol
Concen: 0.737 ng/ul
RT: 16.858 min Scan# 3050
Delta R.T. -0.053 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

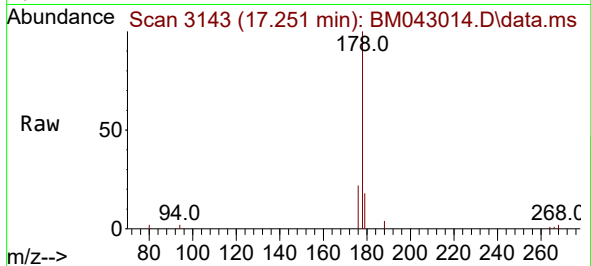
Tgt Ion:266 Resp: 842
Ion Ratio Lower Upper
266 100
264 61.2 48.8 73.2
268 64.0 51.8 77.6





#15
Phenanthrene
Concen: 0.519 ng/u1
RT: 17.251 min Scan# 3143
Delta R.T. -0.028 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

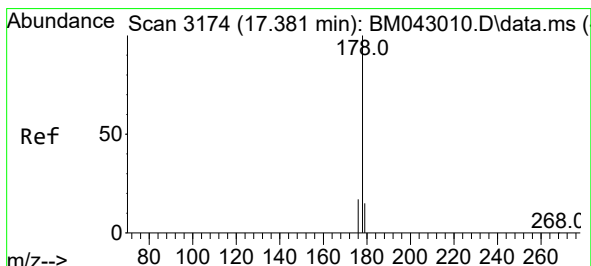
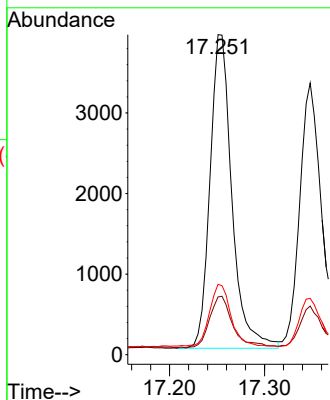
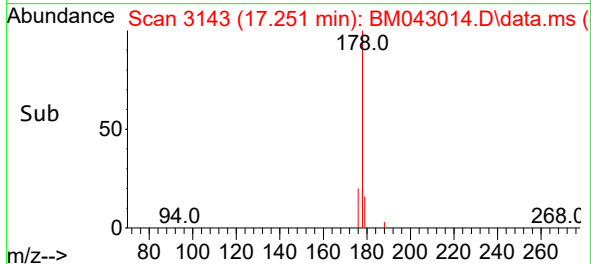
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



Tgt Ion:178 Resp: 6250
Ion Ratio Lower Upper
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179 18.1 15.7 23.5
176 22.0 18.9 28.3

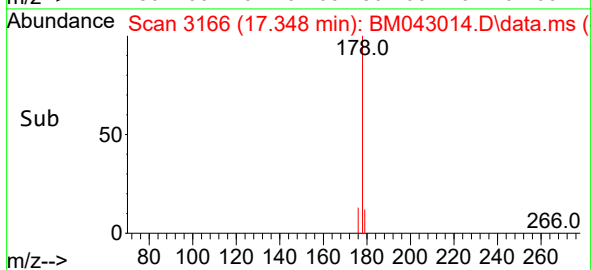
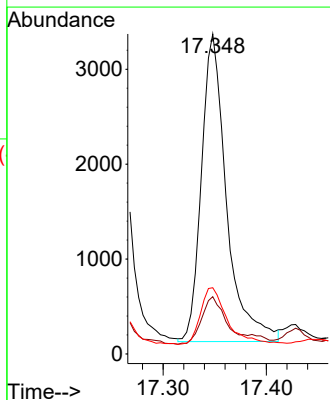
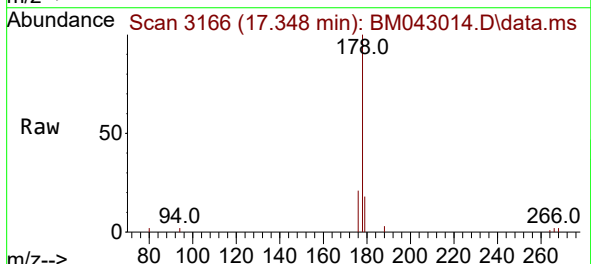
Manual Integrations
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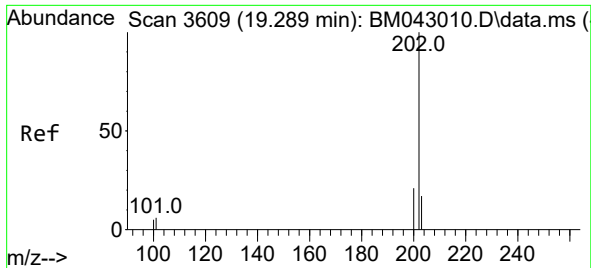
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#16
Anthracene
Concen: 0.480 ng/u1
RT: 17.348 min Scan# 3166
Delta R.T. -0.045 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

Tgt Ion:178 Resp: 5474
Ion Ratio Lower Upper
178 100
179 17.9 17.3 25.9
176 20.7 20.5 30.7





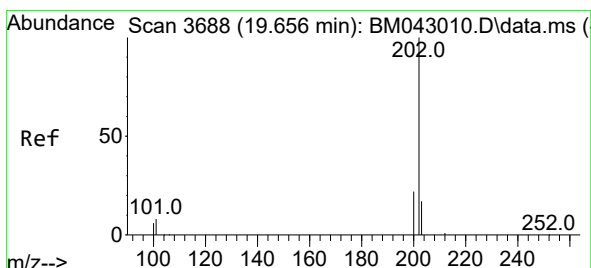
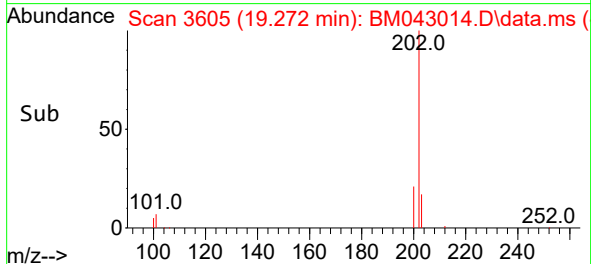
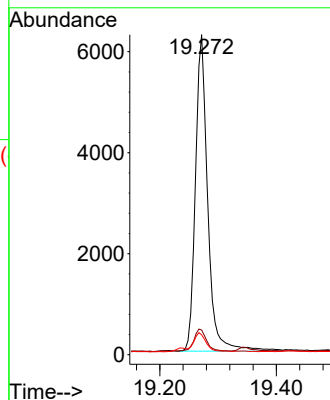
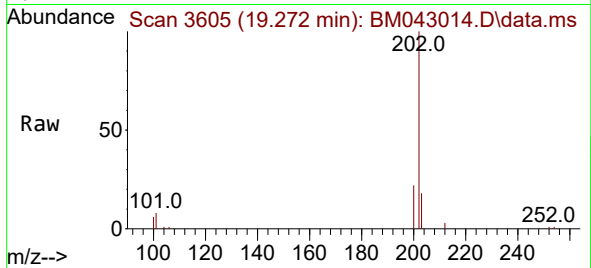
#19
Fluoranthene
Concen: 0.617 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.022 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

Instrument :
BNA_M
ClientSampleId :
DCKB9MS

Tgt Ion:202 Resp: 914
Ion Ratio Lower Upper
202 100
101 7.7 7.8 11.8
100 6.2 7.1 10.7

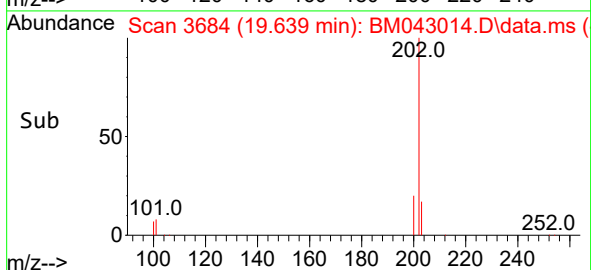
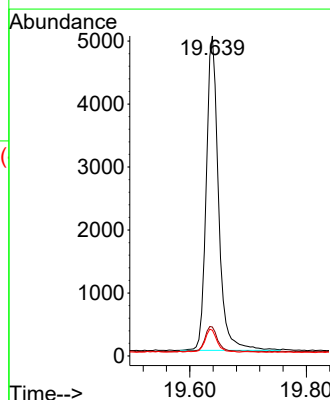
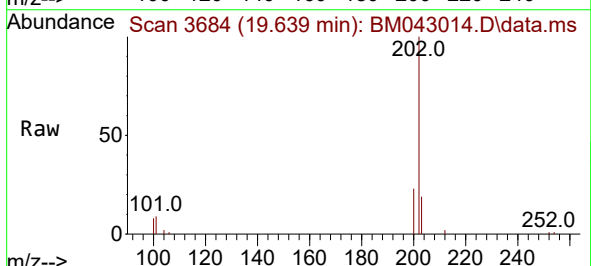
Manual Integrations
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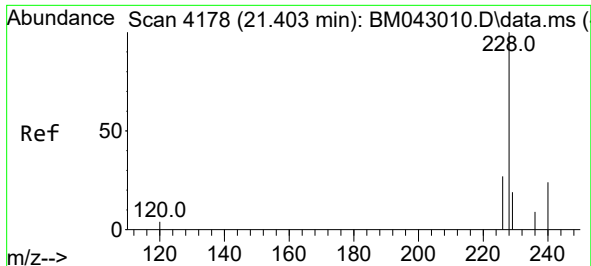
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.466 ng/ul
RT: 19.639 min Scan# 3684
Delta R.T. -0.022 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

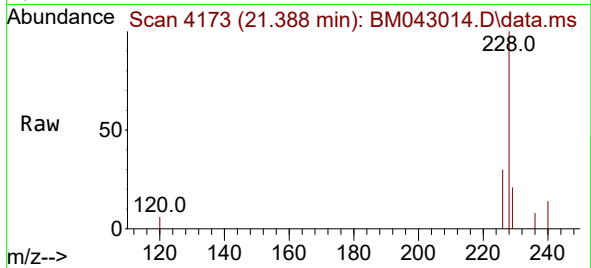
Tgt Ion:202 Resp: 7346
Ion Ratio Lower Upper
202 100
101 9.1 8.7 13.1
100 8.0 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.388 min Scan# 4173
Delta R.T. -0.024 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

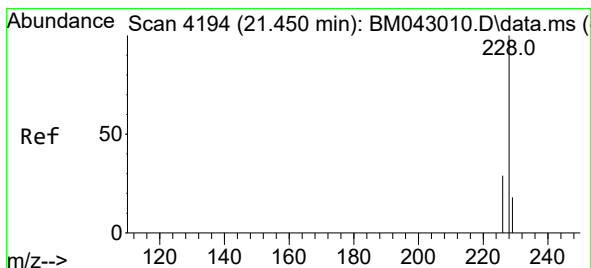
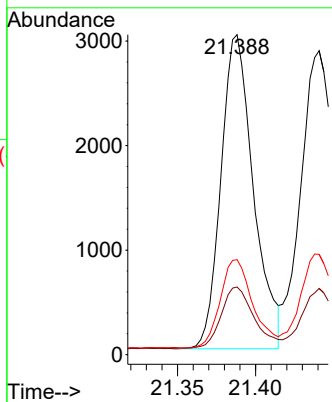
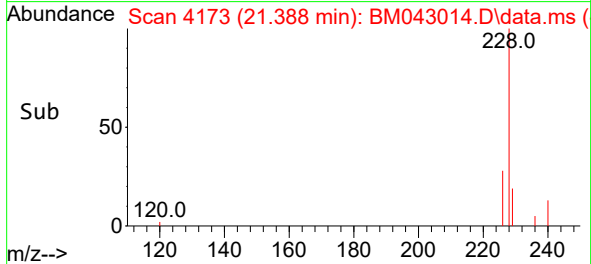
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



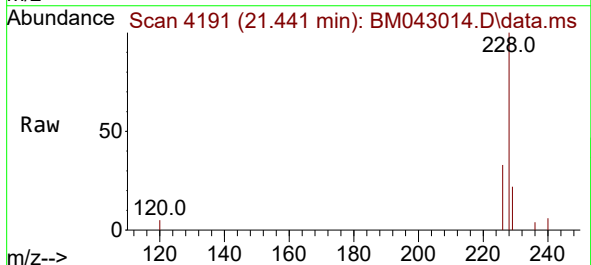
Tgt Ion:228 Resp: 4350
Ion Ratio Lower Upper
228 100
229 21.1 19.4 29.0
226 29.7 24.9 37.3

Manual Integrations
APPROVED

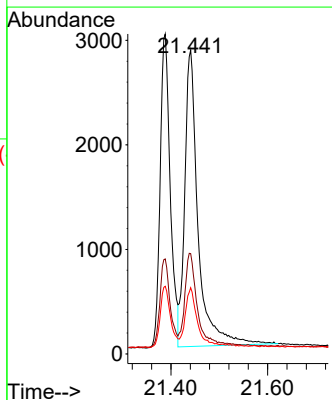
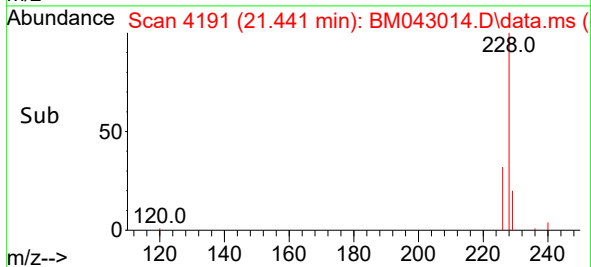
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

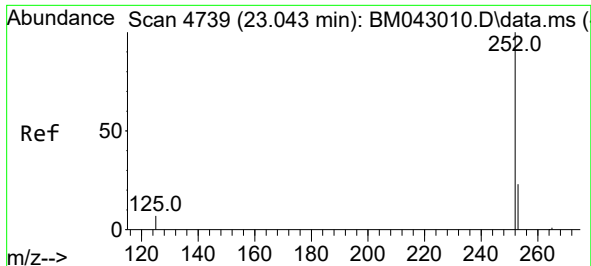


#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.018 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26



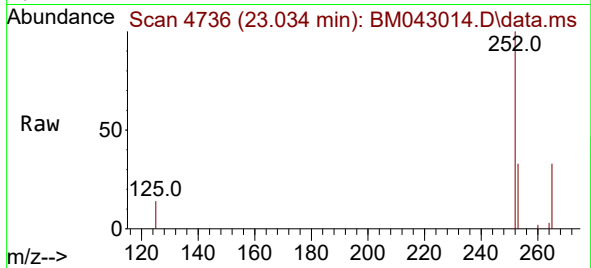
Tgt Ion:228 Resp: 5442
Ion Ratio Lower Upper
228 100
226 33.0 27.2 40.8
229 21.8 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 23.034 min Scan# 4736
Delta R.T. -0.018 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

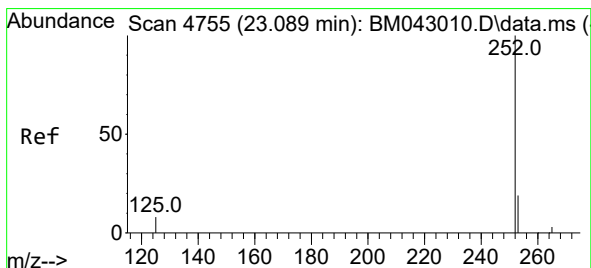
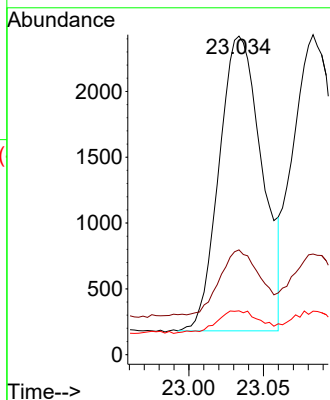
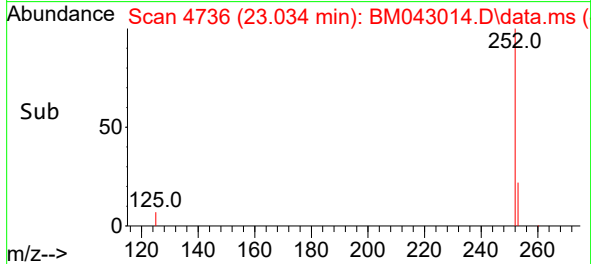
Instrument :
BNA_M
ClientSampleId :
DCKB9MS



Tgt Ion:252 Resp: 4470
Ion Ratio Lower Upper
252 100
253 32.9 0.0 71.8
125 13.8 0.0 29.0

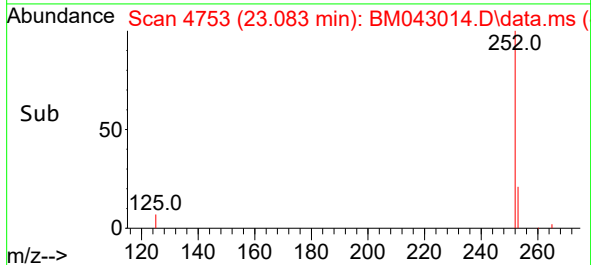
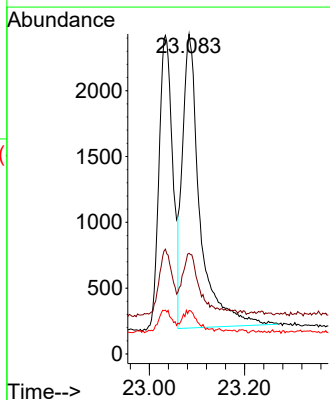
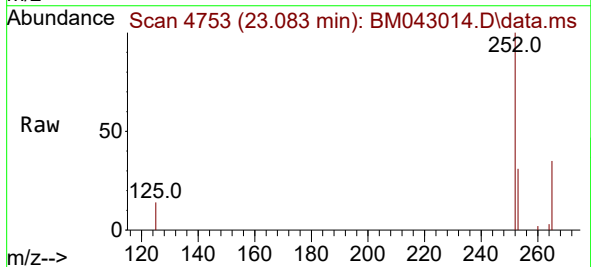
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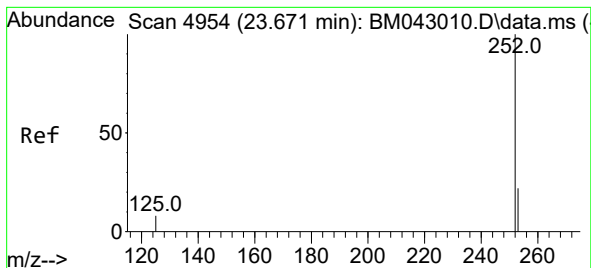
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 23.083 min Scan# 4753
Delta R.T. -0.015 min
Lab File: BM043014.D
Acq: 25 Nov 2023 14:26

Tgt Ion:252 Resp: 5687
Ion Ratio Lower Upper
252 100
253 31.5 28.2 42.2
125 13.6 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 23.659 min Scan# 4950

Delta R.T. -0.027 min

Lab File: BM043014.D

Acq: 25 Nov 2023 14:26

Instrument :

BNA_M

ClientSampleId :

DCKB9MS

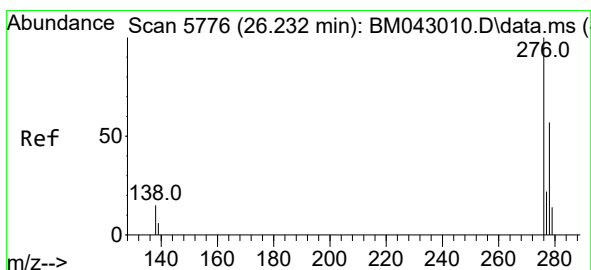
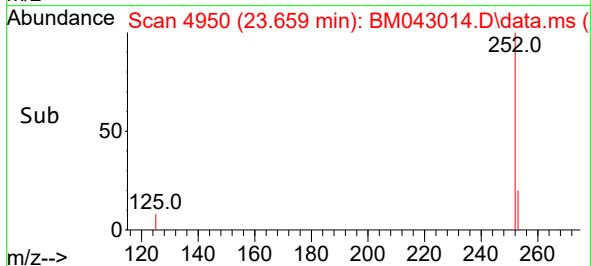
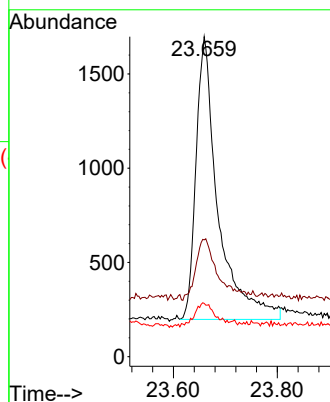
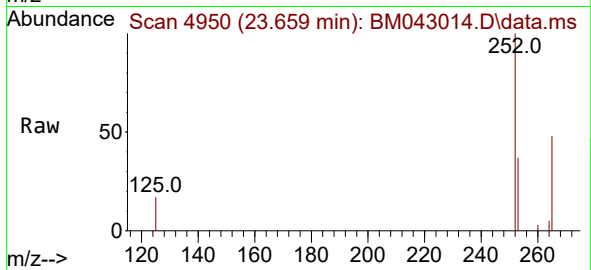
Tgt Ion:	252	Resp:	4408
Ion Ratio	Lower	Upper	
252	100		
253	36.5	36.6	55.0#
125	16.7	16.2	24.4#

Manual Integrations

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Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

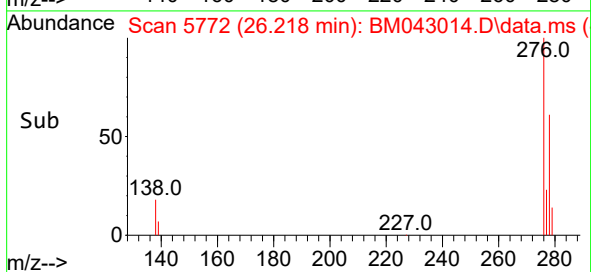
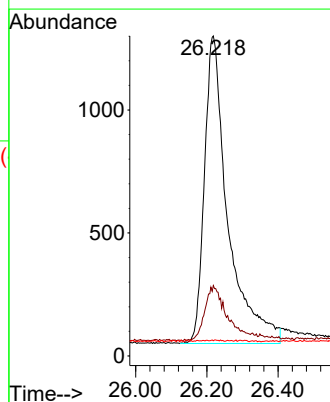
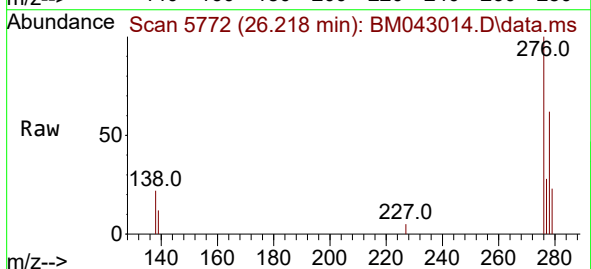
RT: 26.218 min Scan# 5772

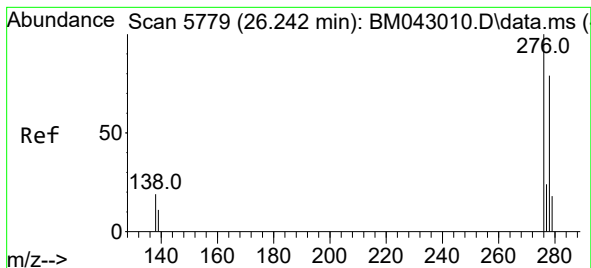
Delta R.T. -0.020 min

Lab File: BM043014.D

Acq: 25 Nov 2023 14:26

Tgt Ion:	276	Resp:	5706
Ion Ratio	Lower	Upper	
276	100		
138	16.9	0.0	0.0#
227	0.0	0.2	0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.387 ng/ul

RT: 26.235 min Scan# 51

Delta R.T. -0.041 min

Lab File: BM043014.D

Acq: 25 Nov 2023 14:26

Instrument :

BNM_M

ClientSampleId :

DCKB9MS

Tgt Ion:278 Resp: 445

Ion Ratio Lower Upper

278 100

139 16.4 18.1 27.1

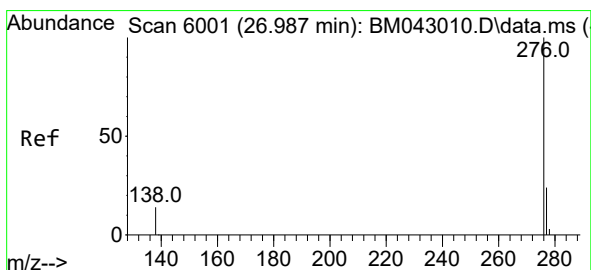
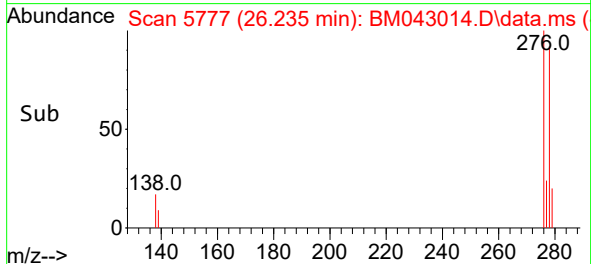
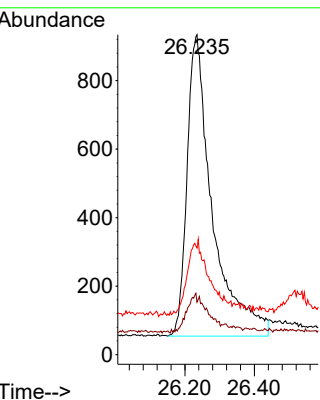
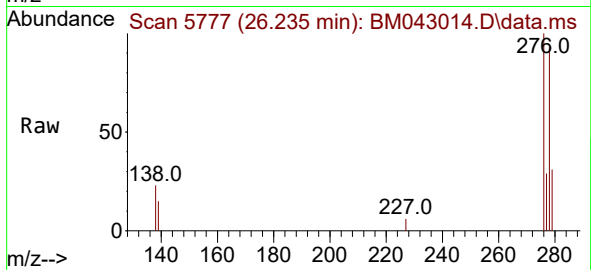
279 33.3 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.350 ng/ul

RT: 26.979 min Scan# 5999

Delta R.T. -0.030 min

Lab File: BM043014.D

Acq: 25 Nov 2023 14:26

Tgt Ion:276 Resp: 5067

Ion Ratio Lower Upper

276 100

138 20.7 17.8 26.8

277 27.5 23.8 35.8

