

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045236.D
 Acq On : 14 Apr 2024 10:28
 Operator : MA/JU
 Sample : PB160161BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS161

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 00:39:34 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 : Mon Apr 15 00:32:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	911	0.400	ng/ul	0.04
4) Naphthalene-d8	10.429	136	2671	0.400	ng/ul #	0.04
9) Acenaphthene-d10	14.274	164	1363	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.047	188	3289	0.400	ng/ul #	0.02
17) Chrysene-d12	21.248	240	2562	0.400	ng/ul #	0.00
23) Perylene-d12	23.467	264	3059	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	975	0.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	1289	0.356	ng/ul	0.05
18) Fluoranthene-d10	19.075	212	2857	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	2746	2.394	ng/ul#	84
5) Naphthalene	10.479	128	2821	0.398	ng/ul#	90
7) 2-Methylnaphthalene	12.118	142	1559	0.368	ng/ul	95
8) 1-Methylnaphthalene	12.316	142	1660	0.359	ng/ul	97
10) Acenaphthylene	14.006	152	2707	0.398	ng/ul#	91
11) Acenaphthene	14.339	153	1957	0.402	ng/ul	98
12) Fluorene	15.357	166	2119	0.388	ng/ul#	95
14) Pentachlorophenol	16.714	266	535	0.694	ng/ul	98
15) Phenanthrene	17.089	178	3441	0.372	ng/ul	94
16) Anthracene	17.199	178	3275m	0.359	ng/ul	
19) Fluoranthene	19.108	202	4310	0.471	ng/ul#	94
20) Pyrene	19.470	202	4561	0.472	ng/ul#	94
21) Benzo(a)anthracene	21.240	228	3206	0.359	ng/ul	97
22) Chrysene	21.284	228	5141	0.462	ng/ul	99
24) Benzo(b)fluoranthene	22.800	252	4367	0.395	ng/ul	94
25) Benzo(k)fluoranthene	22.847	252	5826	0.471	ng/ul#	90
26) Benzo(a)pyrene	23.382	252	4535	0.430	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.716	276	5656	0.391	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.739	278	4368	0.381	ng/ul#	83
29) Benzo(g,h,i)perylene	26.380	276	5172	0.415	ng/ul#	94

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

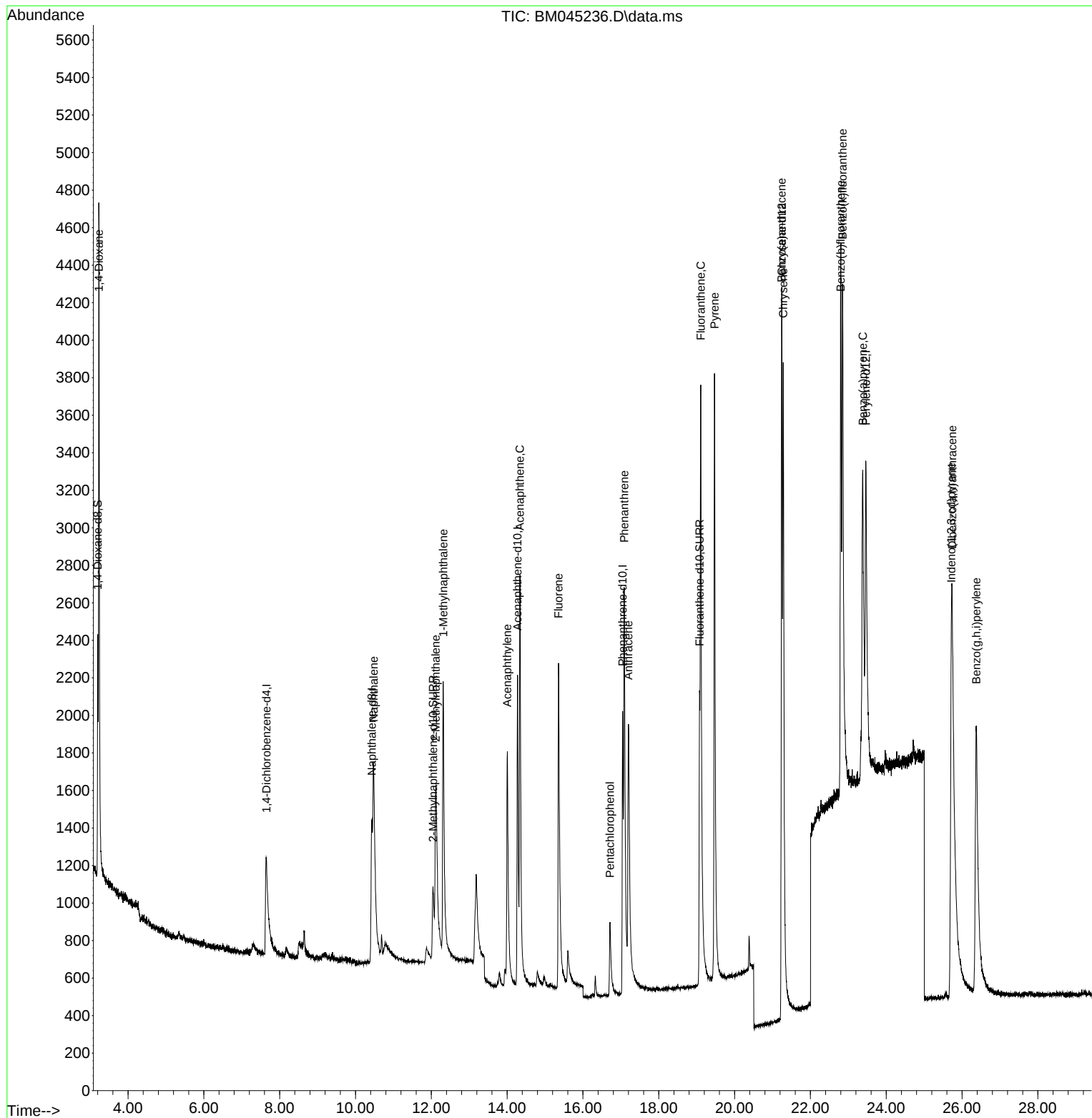
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
Data File : BM045236.D
Acq On : 14 Apr 2024 10:28
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ALS Vial : 34 Sample Multiplier: 1

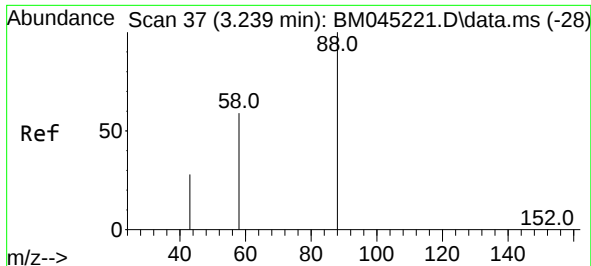
Instrument :
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Quant Time: Apr 15 00:39:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
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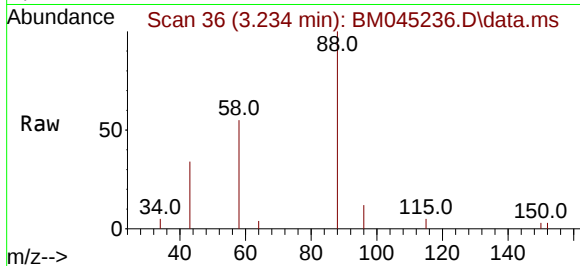
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024





#2
1,4-Dioxane
Concen: 2.394 ng/ul
RT: 3.234 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

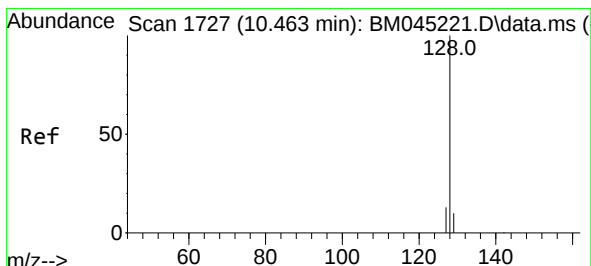
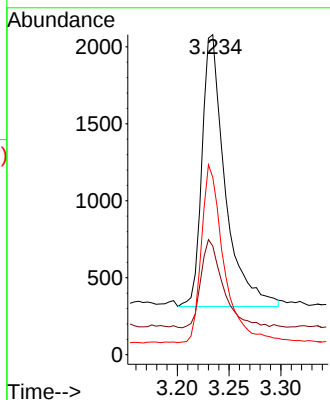
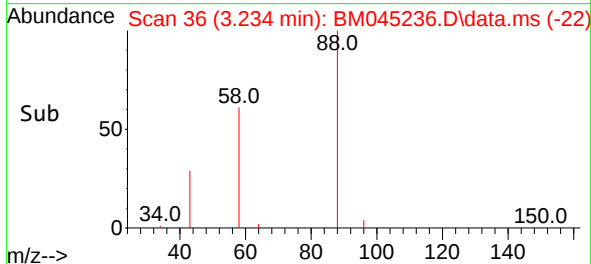
Instrument :
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ClientSampleId :
SLCS161



Tgt Ion: 88 Resp: 2740
Ion Ratio Lower Upper
88 100
43 34.0 30.6 46.0
58 55.5 32.6 48.8

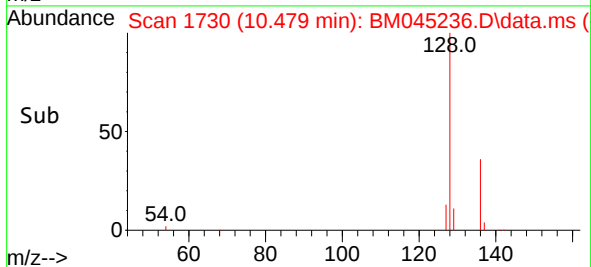
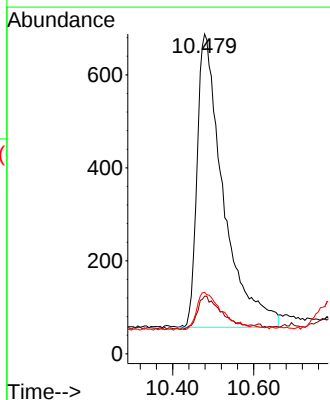
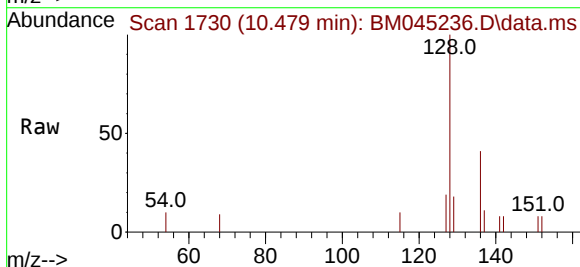
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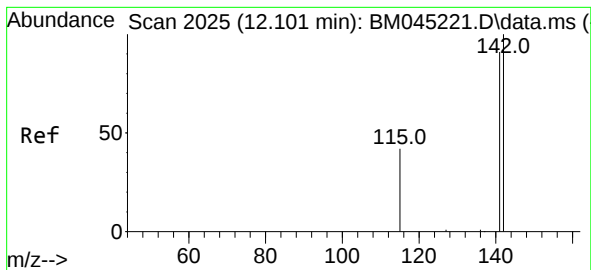
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. 0.038 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

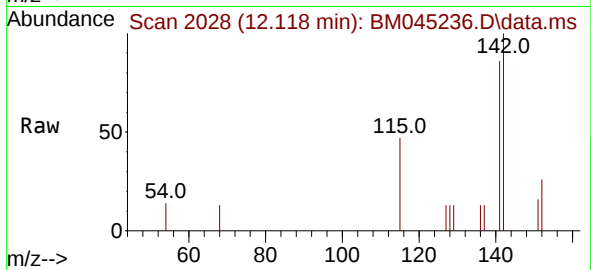
Tgt Ion:128 Resp: 2821
Ion Ratio Lower Upper
128 100
129 18.0 11.3 16.9#
127 19.2 11.9 17.9#





#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.118 min Scan# 2028
Delta R.T. 0.044 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

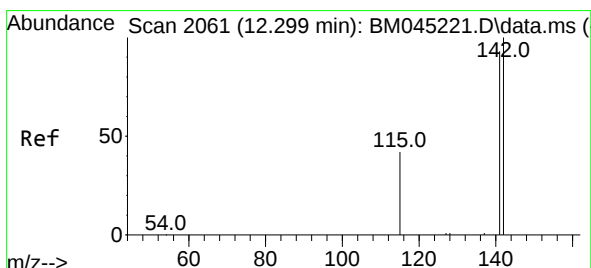
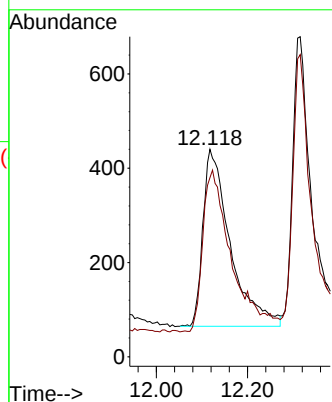
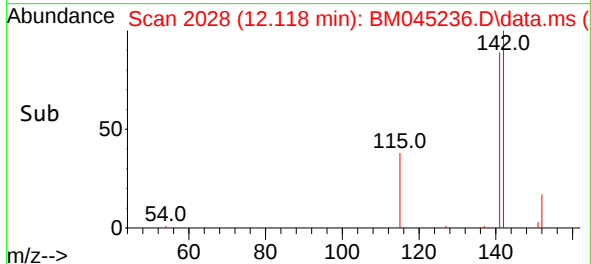
Instrument :
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ClientSampleId :
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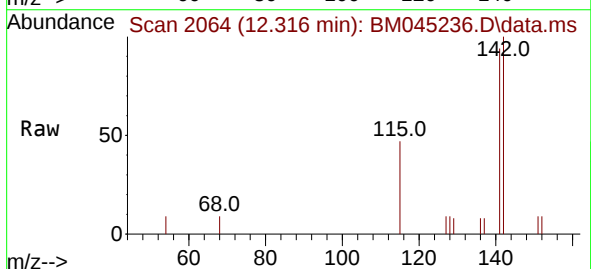
Tgt Ion:142 Resp: 1559
Ion Ratio Lower Upper
142 100
141 97.2 73.8 110.8

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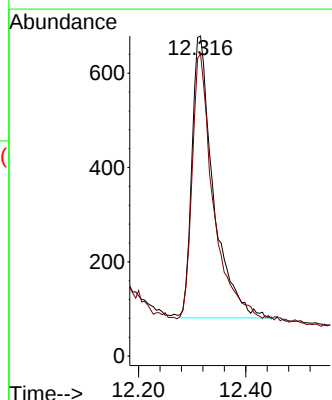
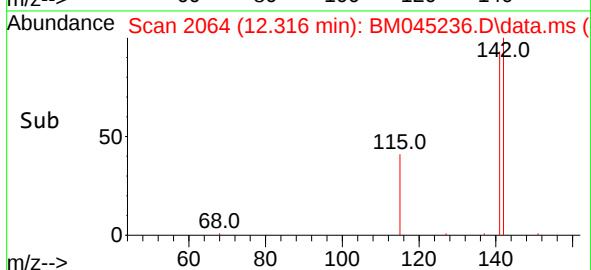
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

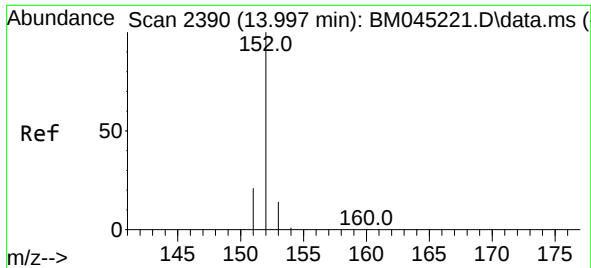


#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.027 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28



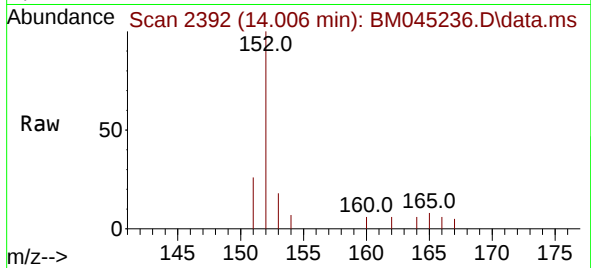
Tgt Ion:142 Resp: 1660
Ion Ratio Lower Upper
142 100
141 95.4 74.2 111.2





#10
Acenaphthylene
Concen: 0.398 ng/u1
RT: 14.006 min Scan# 21
Delta R.T. 0.022 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

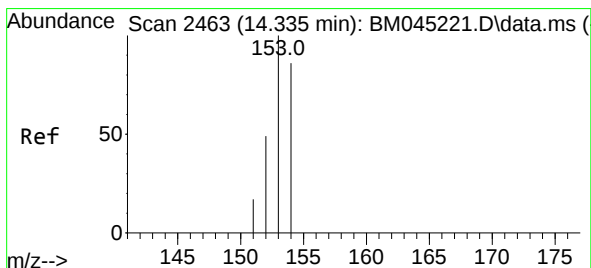
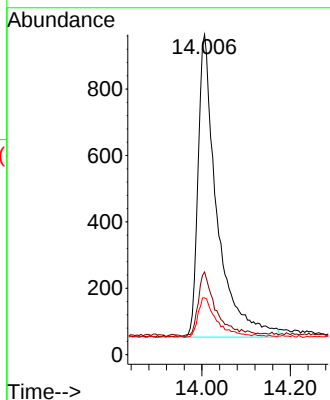
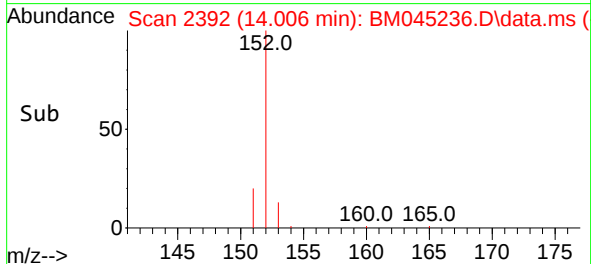
Instrument :
BNA_M
ClientSampleId :
SLCS161



Tgt Ion:152 Resp: 270
Ion Ratio Lower Upper
152 100
151 25.8 17.0 25.4
153 17.7 11.9 17.9

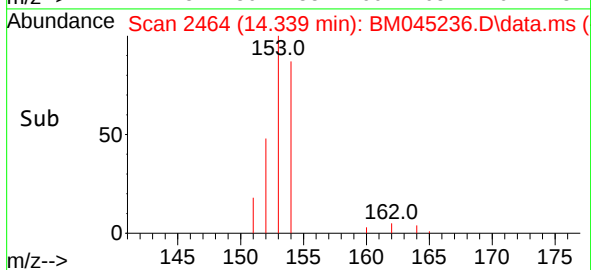
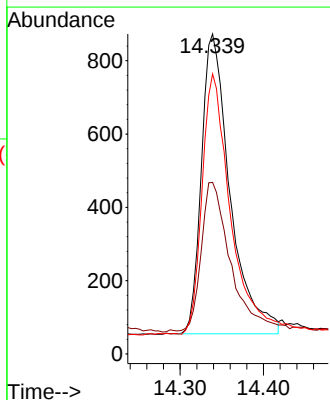
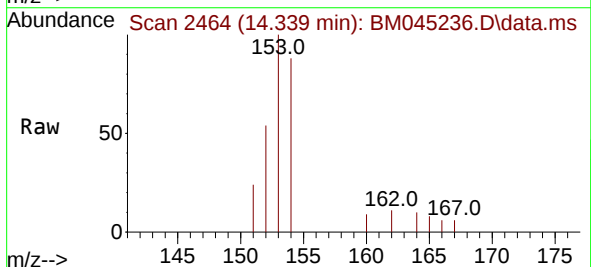
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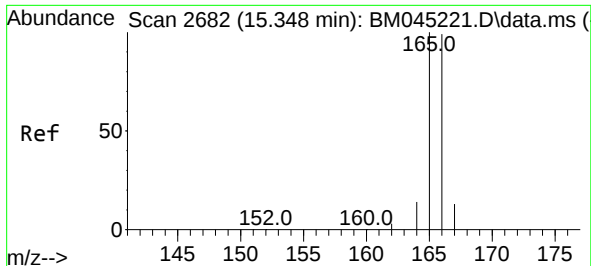
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#11
Acenaphthene
Concen: 0.402 ng/u1
RT: 14.339 min Scan# 2464
Delta R.T. 0.013 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

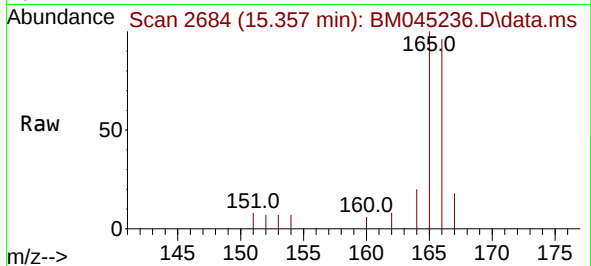
Tgt Ion:153 Resp: 1957
Ion Ratio Lower Upper
153 100
152 53.6 41.2 61.8
154 87.5 69.4 104.0





#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.357 min Scan# 20
Delta R.T. 0.027 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

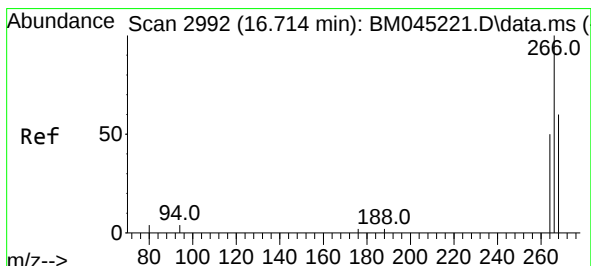
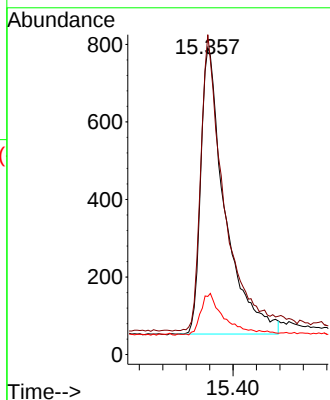
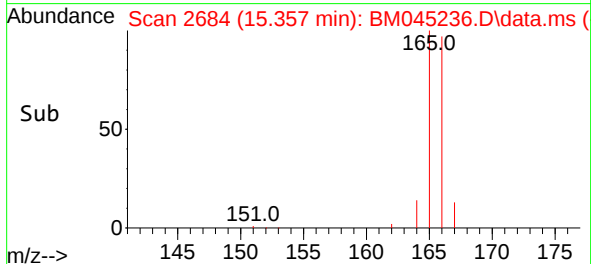
Instrument :
BNA_M
ClientSampleId :
SLCS161



Tgt Ion:166 Resp: 2119
Ion Ratio Lower Upper
166 100
165 104.3 79.9 119.9
167 19.0 12.2 18.2

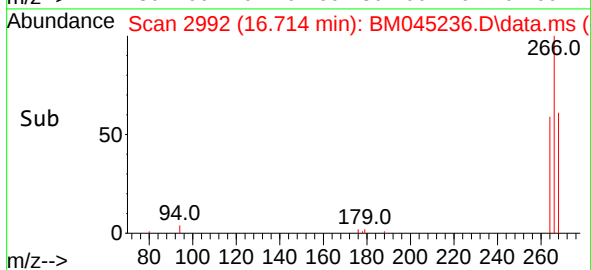
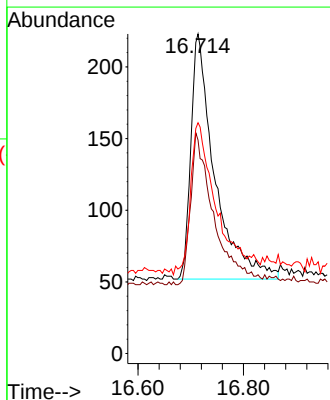
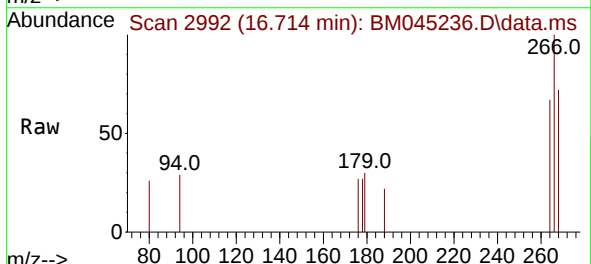
Manual Integrations
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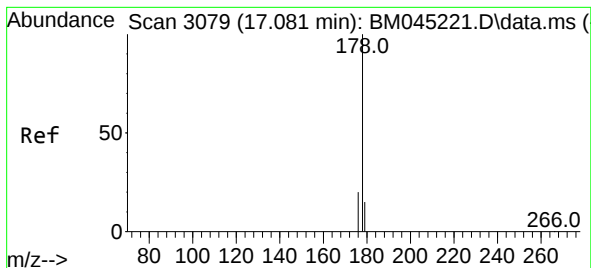
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 16.714 min Scan# 2992
Delta R.T. 0.016 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

Tgt Ion:266 Resp: 535
Ion Ratio Lower Upper
266 100
264 60.9 48.3 72.5
268 68.0 52.6 79.0





#15

Phenanthrene

Concen: 0.372 ng/ul

RT: 17.089 min Scan# 3079

Delta R.T. 0.016 min

Lab File: BM045236.D

Acq: 14 Apr 2024 10:28

Instrument :

BNA_M

ClientSampleId :

SLCS161

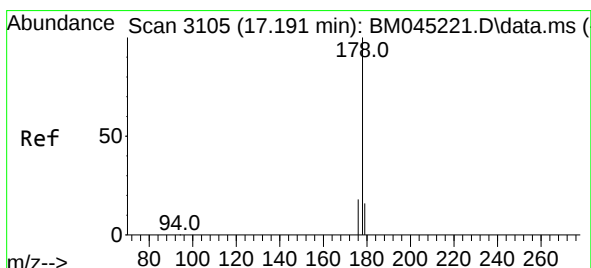
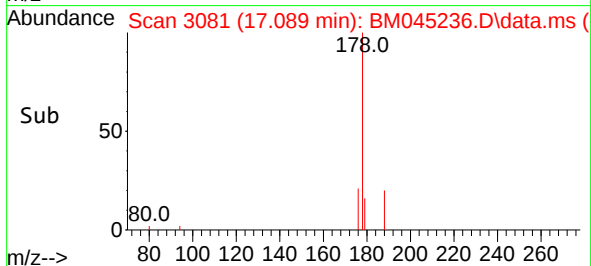
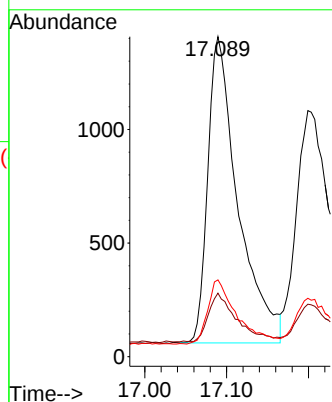
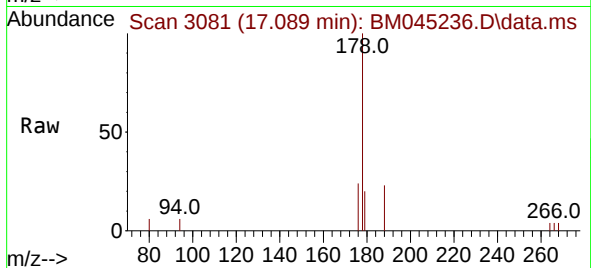
Tgt Ion:178	Resp:	344
Ion Ratio	Lower	Upper
178	100	
179	19.9	13.7 20.5
176	24.0	17.0 25.4

Manual Integrations

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Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#16

Anthracene

Concen: 0.359 ng/ul m

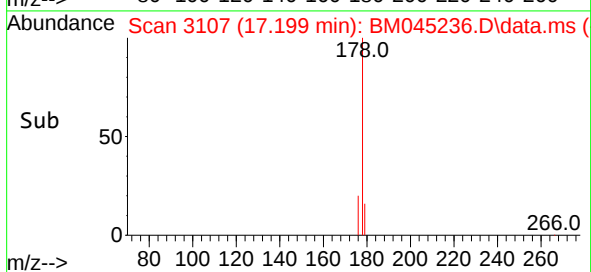
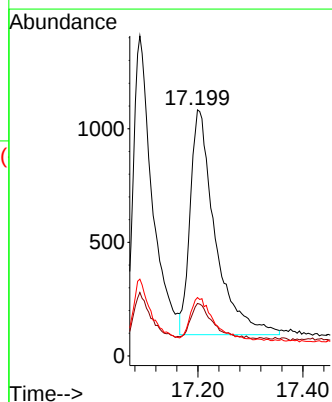
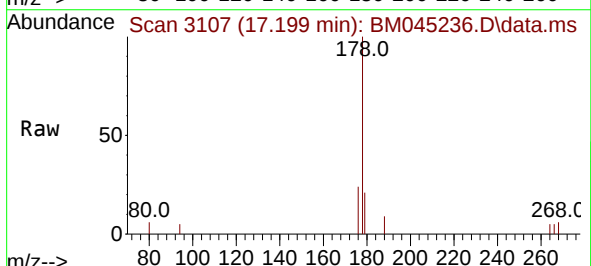
RT: 17.199 min Scan# 3107

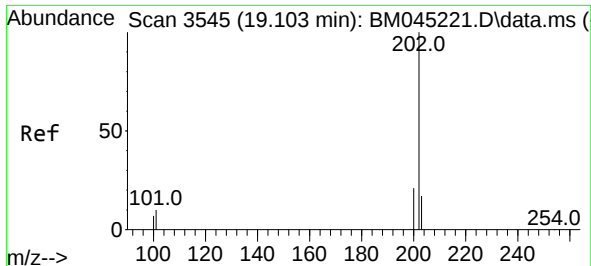
Delta R.T. 0.029 min

Lab File: BM045236.D

Acq: 14 Apr 2024 10:28

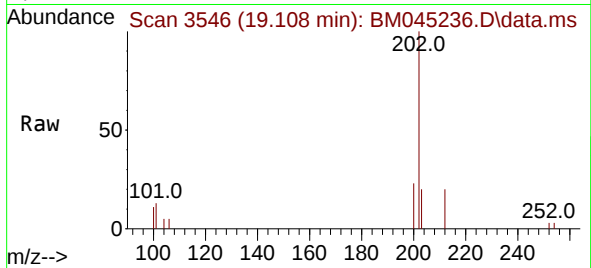
Tgt Ion:178	Resp:	3275
Ion Ratio	Lower	Upper
178	100	
179	21.3	13.8 20.8#
176	23.7	16.2 24.4





#19
Fluoranthene
Concen: 0.471 ng/u1
RT: 19.108 min Scan# 3545
Delta R.T. 0.013 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

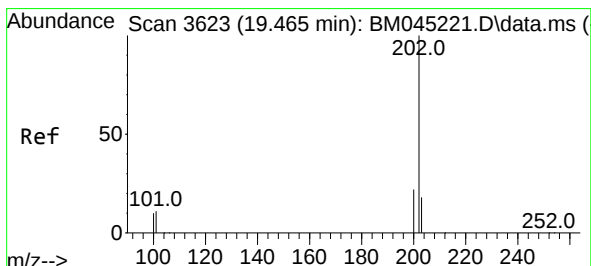
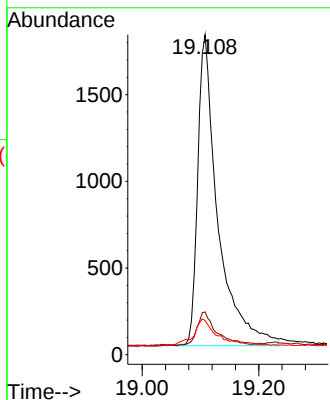
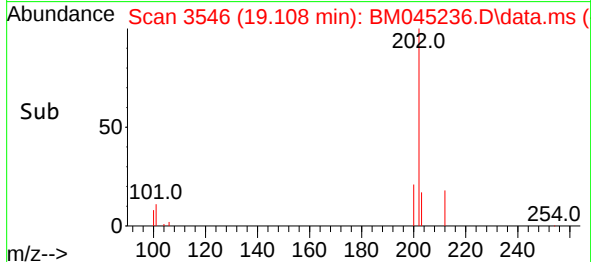
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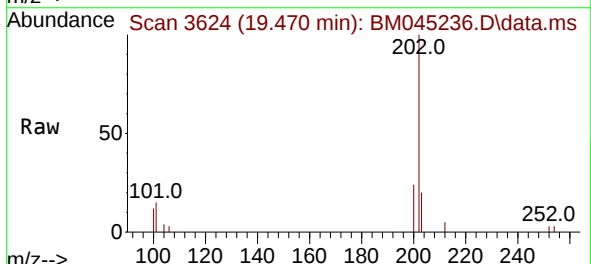
Tgt Ion:202 Resp: 4310
Ion Ratio Lower Upper
202 100
101 13.4 8.8 13.2
100 10.7 7.0 10.4

Manual Integrations
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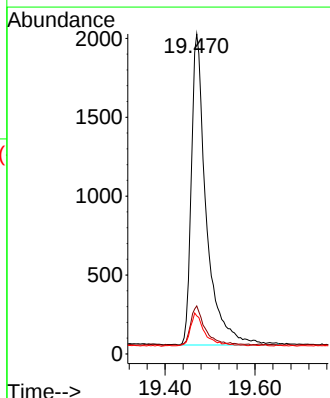
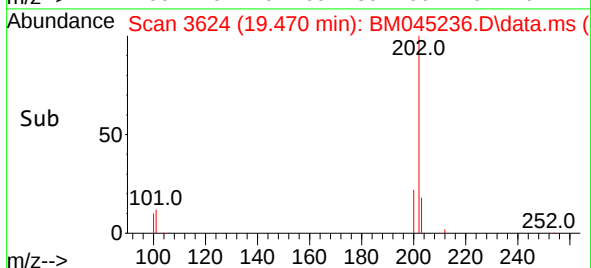
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

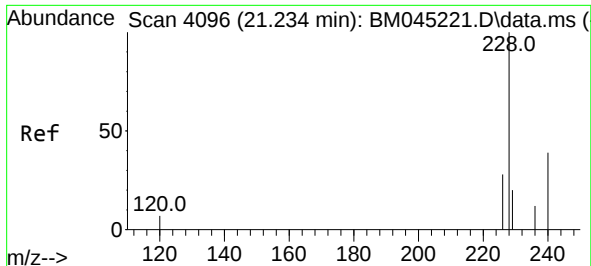


#20
Pyrene
Concen: 0.472 ng/u1
RT: 19.470 min Scan# 3624
Delta R.T. 0.008 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28



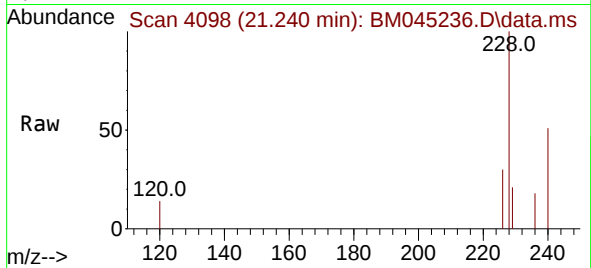
Tgt Ion:202 Resp: 4561
Ion Ratio Lower Upper
202 100
101 15.0 9.8 14.6
100 11.9 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.240 min Scan# 4096
Delta R.T. 0.012 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

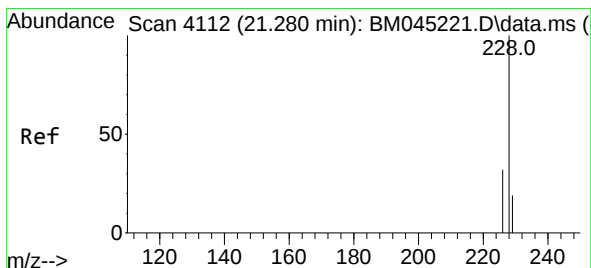
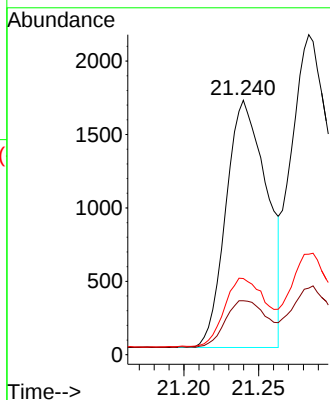
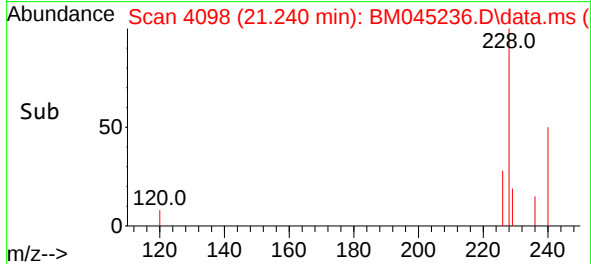
Instrument :
BNA_M
ClientSampleId :
SLCS161



Tgt Ion:228 Resp: 3200
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 29.9 22.3 33.5

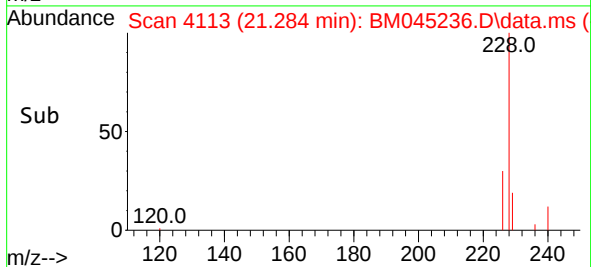
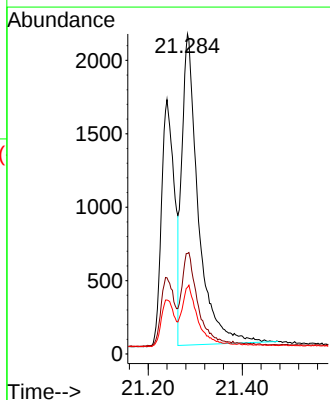
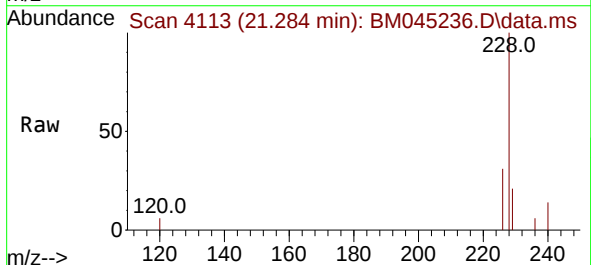
Manual Integrations
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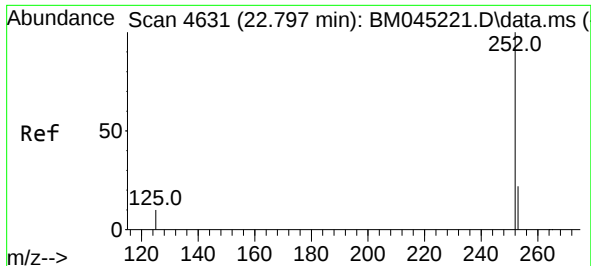
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Chrysene
Concen: 0.462 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. 0.007 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

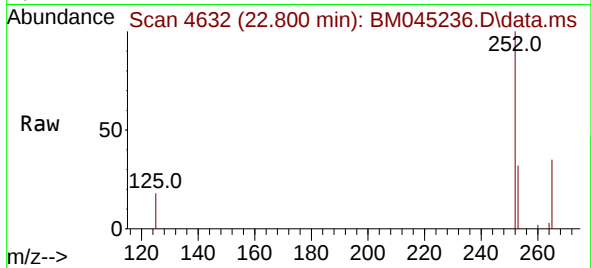
Tgt Ion:228 Resp: 5141
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 22.800 min Scan# 4631
Delta R.T. 0.007 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

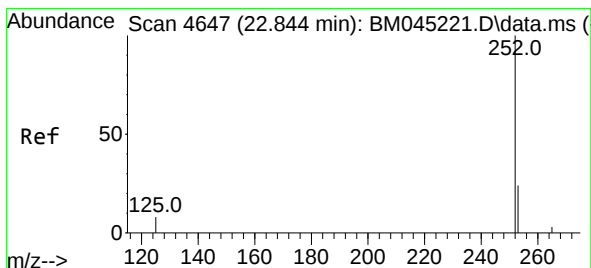
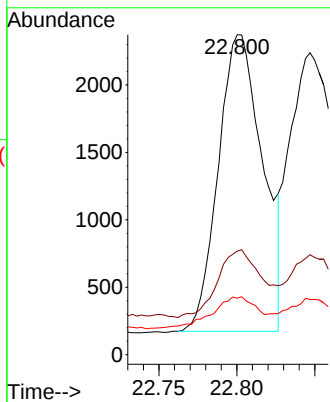
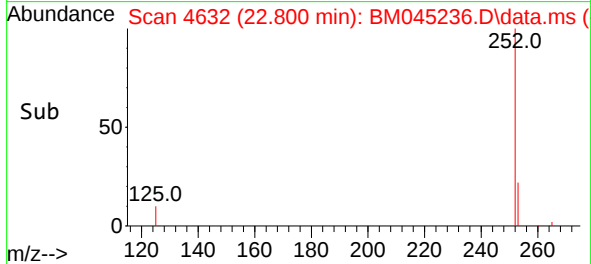
Instrument :
BNA_M
ClientSampleId :
SLCS161



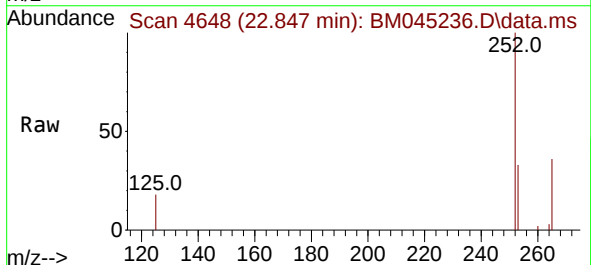
Tgt Ion:252 Resp: 436
Ion Ratio Lower Upper
252 100
253 32.4 0.0 56.4
125 17.7 0.0 33.4

Manual Integrations
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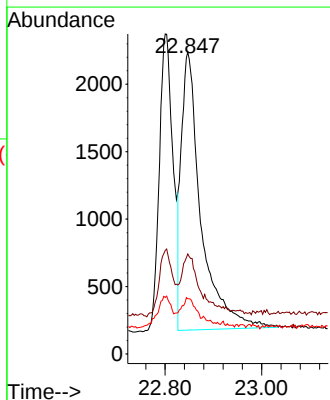
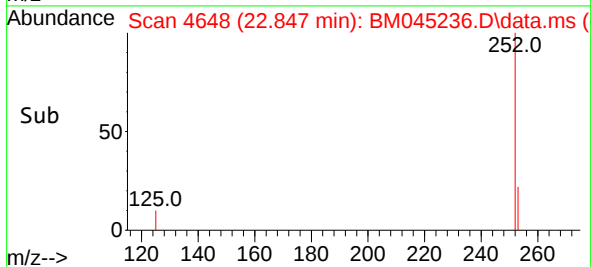
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

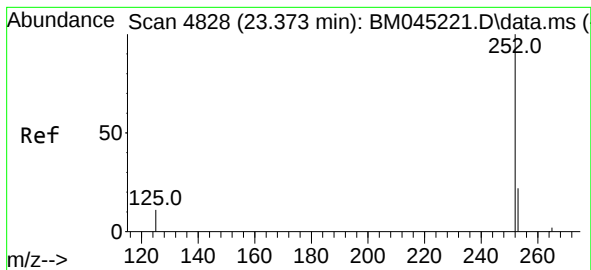


#25
Benzo(k)fluoranthene
Concen: 0.471 ng/ul
RT: 22.847 min Scan# 4648
Delta R.T. 0.007 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28



Tgt Ion:252 Resp: 5826
Ion Ratio Lower Upper
252 100
253 33.1 22.3 33.5
125 18.3 11.6 17.4#





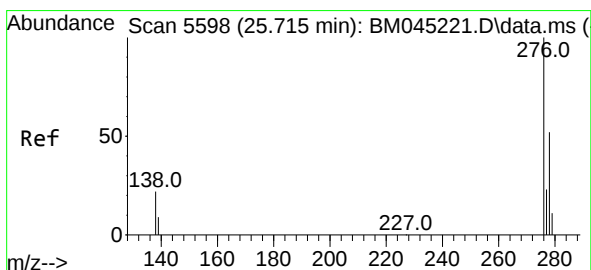
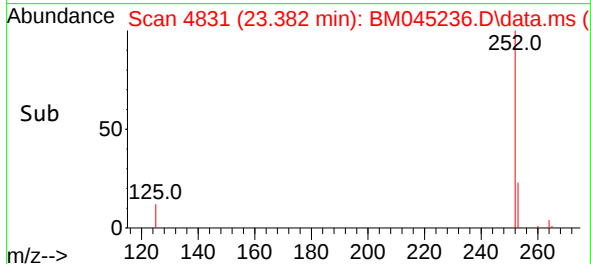
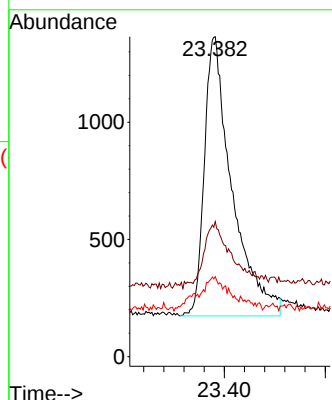
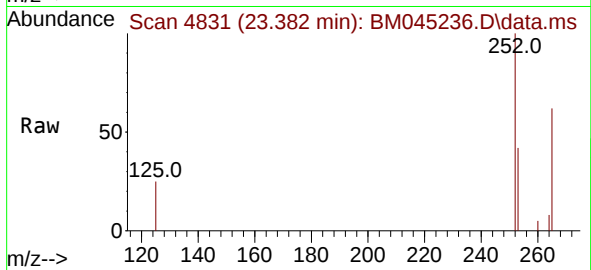
#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.382 min Scan# 4831
Delta R.T. 0.018 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

Instrument :
BNA_M
ClientSampleId :
SLCS161

Tgt Ion:252 Resp: 453
Ion Ratio Lower Upper
252 100
253 42.2 24.6 37.0
125 25.0 18.2 27.4

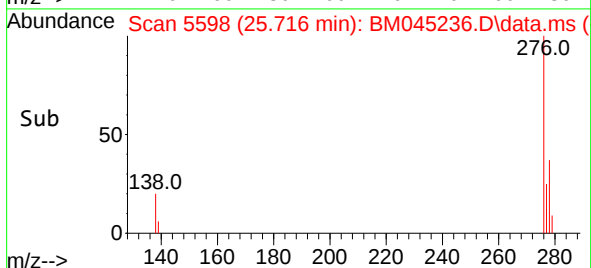
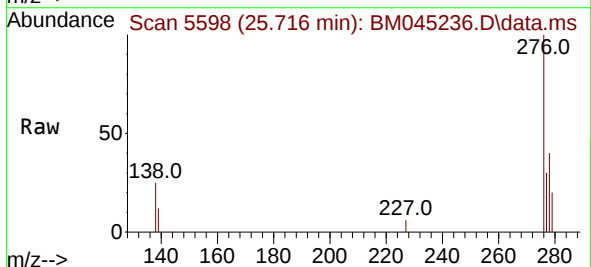
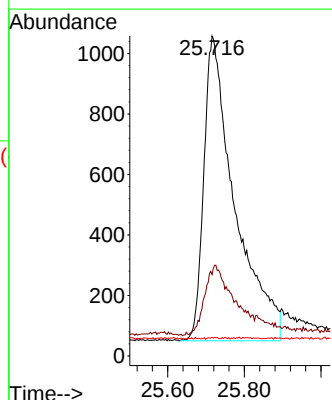
Manual Integrations
APPROVED

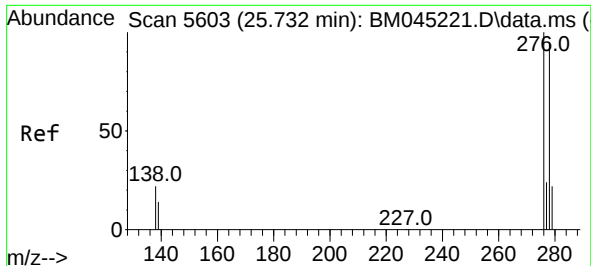
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 25.716 min Scan# 5598
Delta R.T. 0.021 min
Lab File: BM045236.D
Acq: 14 Apr 2024 10:28

Tgt Ion:276 Resp: 5656
Ion Ratio Lower Upper
276 100
138 23.9 0.0 0.0#
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.381 ng/ul

RT: 25.739 min Scan# 5603

Delta R.T. 0.024 min

Lab File: BM045236.D

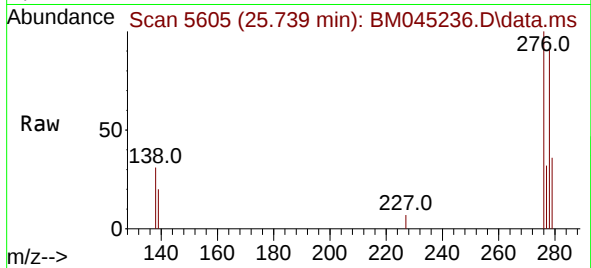
Acq: 14 Apr 2024 10:28

Instrument :

BNA_M

ClientSampleId :

SLCS161



Tgt Ion:278 Resp: 436

Ion Ratio Lower Upper

278 100

139 22.3 13.6 20.4

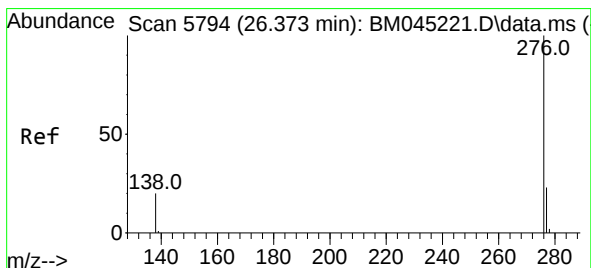
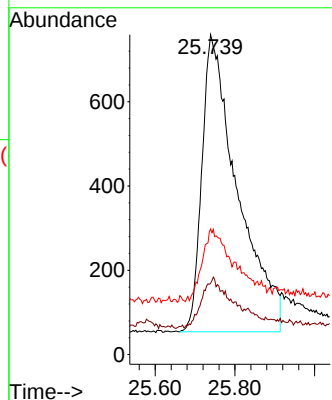
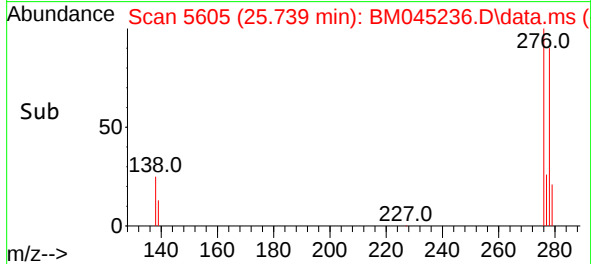
279 39.3 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#29

Benzo(g,h,i)perylene

Concen: 0.415 ng/ul

RT: 26.380 min Scan# 5796

Delta R.T. 0.014 min

Lab File: BM045236.D

Acq: 14 Apr 2024 10:28

Tgt Ion:276 Resp: 5172

Ion Ratio Lower Upper

276 100

138 25.3 16.8 25.2

277 27.0 20.3 30.5

