

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045122.D
 Acq On : 11 Apr 2024 05:26
 Operator : MA/JU
 Sample : PB160125BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS125

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 11 07:49:26 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 : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.644	152	1296	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	4146	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.284	164	2126	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	4114	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	2916	0.400	ng/ul #	0.00
23) Perylene-d12	23.476	264	3689	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1267	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	1933	0.344	ng/ul	0.01
18) Fluoranthene-d10	19.089	212	3343	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	3459	2.120	ng/ul#	80
5) Naphthalene	10.479	128	4067	0.370	ng/ul	97
7) 2-Methylnaphthalene	12.112	142	2344	0.357	ng/ul	98
8) 1-Methylnaphthalene	12.316	142	2480	0.346	ng/ul	98
10) Acenaphthylene	14.006	152	3862	0.364	ng/ul	95
11) Acenaphthene	14.344	153	2886	0.380	ng/ul	98
12) Fluorene	15.362	166	2947	0.346	ng/ul	97
14) Pentachlorophenol	16.718	266	700	0.726	ng/ul	97
15) Phenanthrene	17.098	178	4357	0.376	ng/ul	96
16) Anthracene	17.208	178	4389m	0.385	ng/ul	
19) Fluoranthene	19.117	202	4943	0.474	ng/ul#	95
20) Pyrene	19.480	202	5276	0.479	ng/ul	95
21) Benzo(a)anthracene	21.252	228	3597	0.354	ng/ul	97
22) Chrysene	21.295	228	5450	0.430	ng/ul	98
24) Benzo(b)fluoranthene	22.812	252	4853	0.364	ng/ul	93
25) Benzo(k)fluoranthene	22.859	252	6003	0.402	ng/ul#	87
26) Benzo(a)pyrene	23.388	252	4882	0.384	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.733	276	6152	0.353	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.756	278	4699	0.340	ng/ul#	83
29) Benzo(g,h,i)perylene	26.393	276	5740	0.382	ng/ul#	94

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

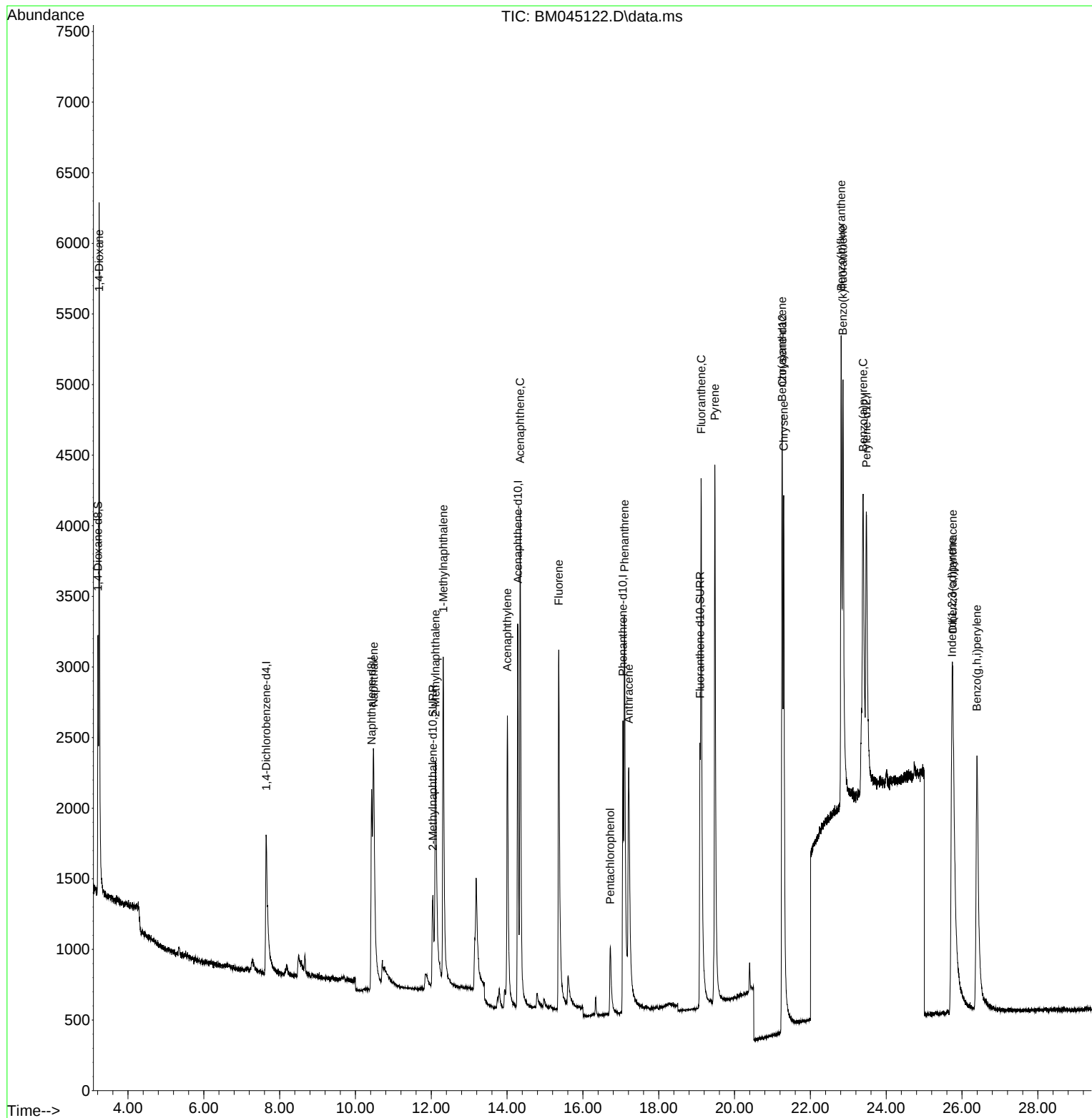
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045122.D
Acq On : 11 Apr 2024 05:26
Operator : MA/JU
Sample : PB160125BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

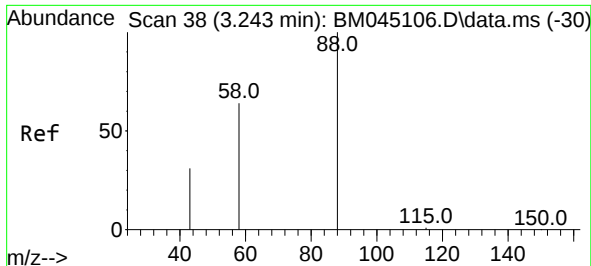
Instrument :
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SLCS125

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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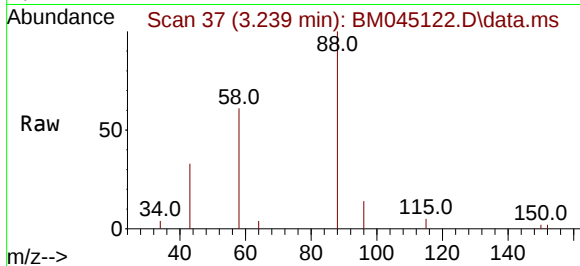
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024





#2
1,4-Dioxane
Concen: 2.120 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

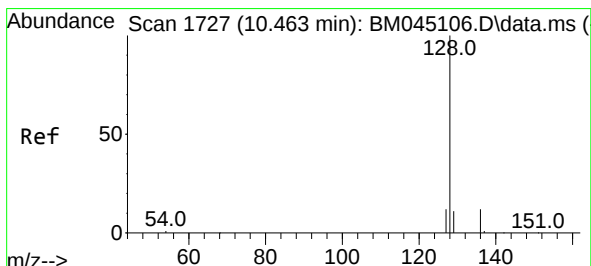
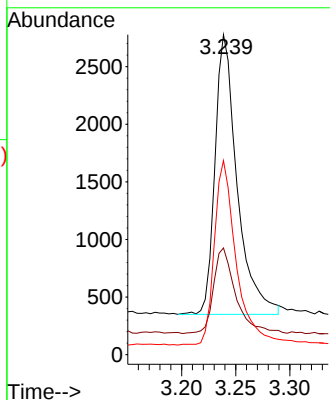
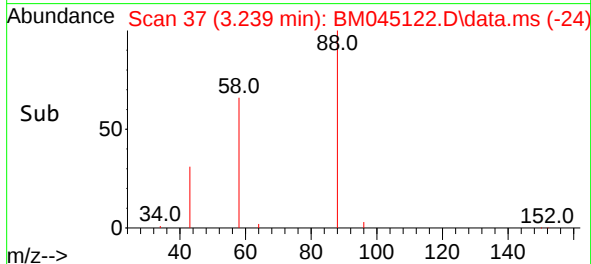
Instrument :
BNA_M
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SLCS125



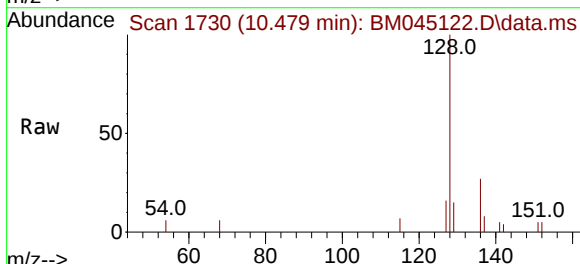
Tgt Ion: 88 Resp: 345
Ion Ratio Lower Upper
88 100
43 33.4 30.6 46.0
58 60.7 32.6 48.8

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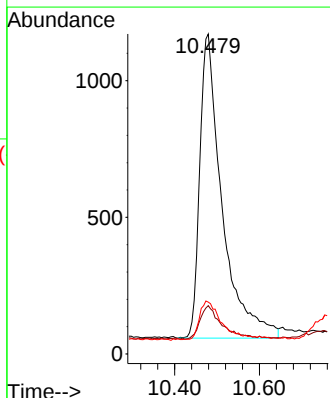
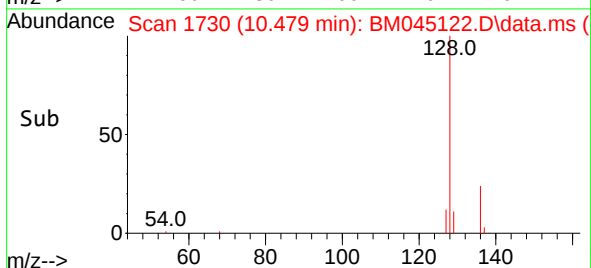
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

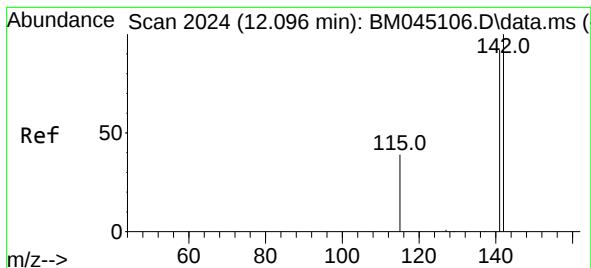


#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26



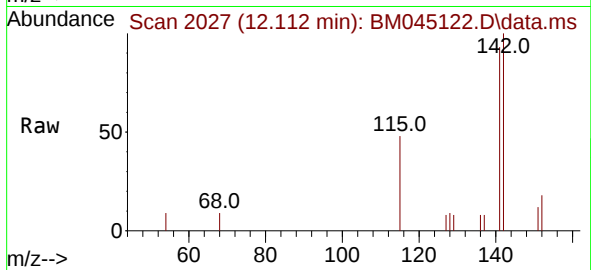
Tgt Ion:128 Resp: 4067
Ion Ratio Lower Upper
128 100
129 15.1 11.3 16.9
127 16.2 11.9 17.9





#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. 0.005 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

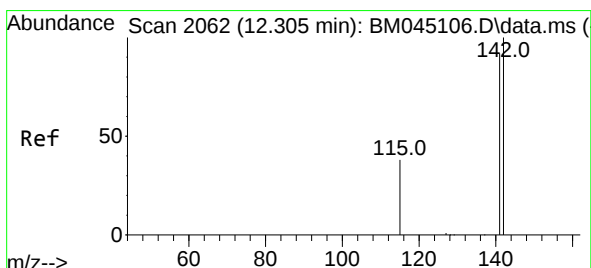
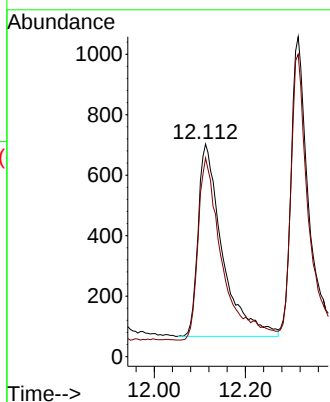
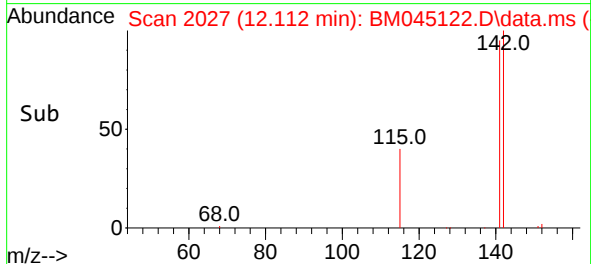
Instrument :
BNA_M
ClientSampleId :
SLCS125



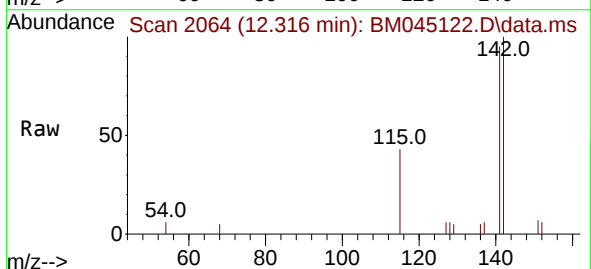
Tgt Ion:142 Resp: 2344
Ion Ratio Lower Upper
142 100
141 94.5 73.8 110.8

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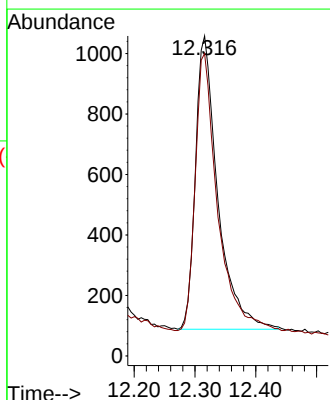
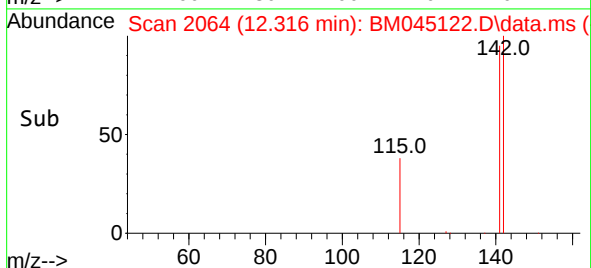
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

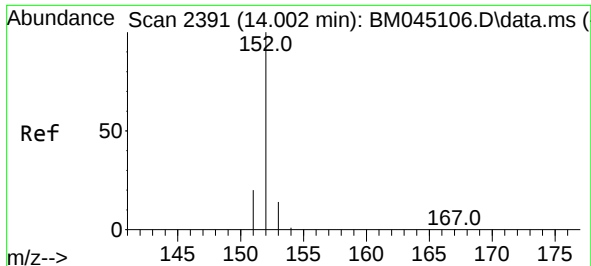


#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26



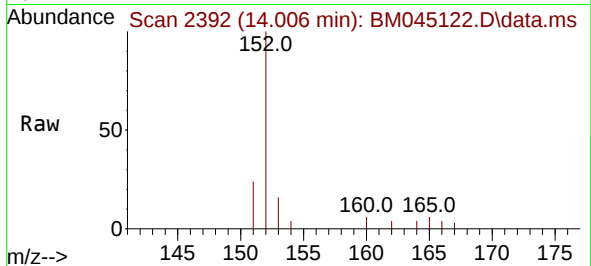
Tgt Ion:142 Resp: 2480
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.2





#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.006 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

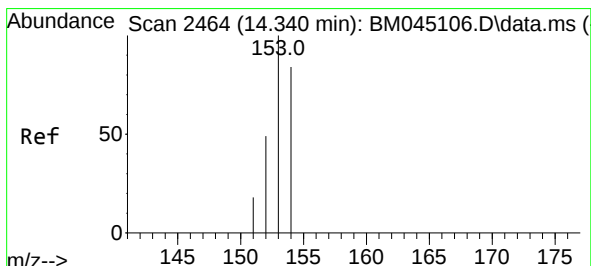
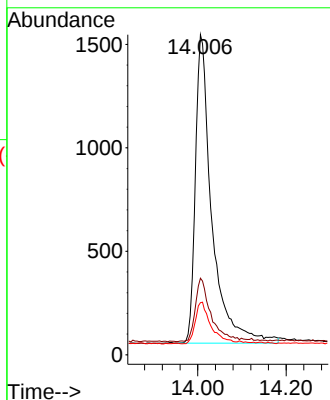
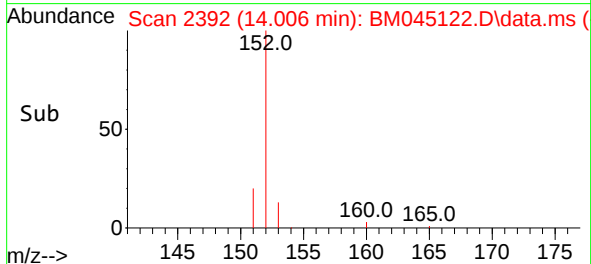
Instrument :
BNA_M
ClientSampleId :
SLCS125



Tgt Ion:152 Resp: 3862
Ion Ratio Lower Upper
152 100
151 23.9 17.0 25.4
153 16.3 11.9 17.9

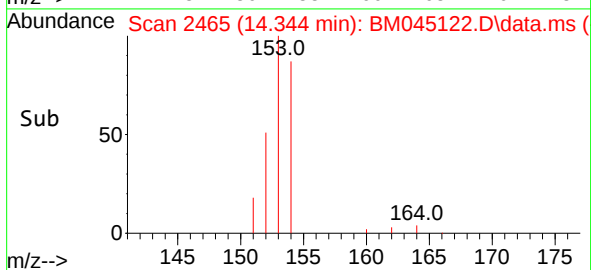
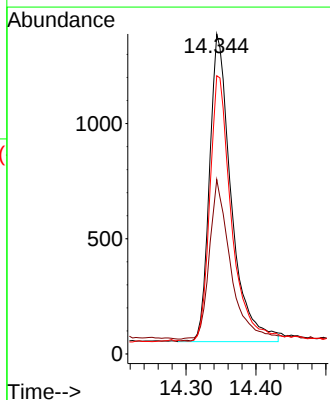
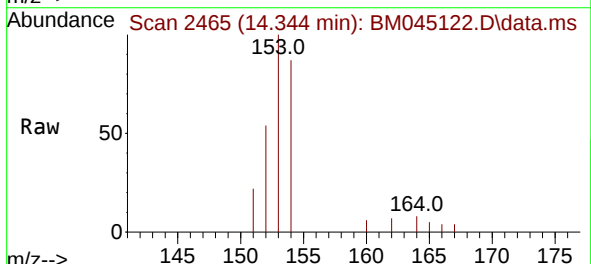
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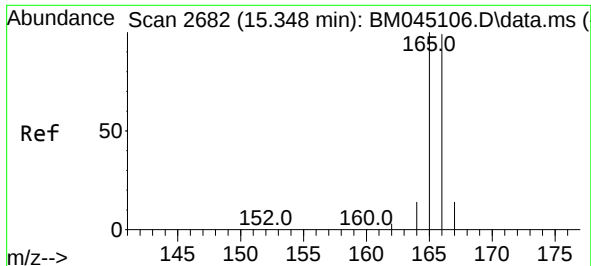
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

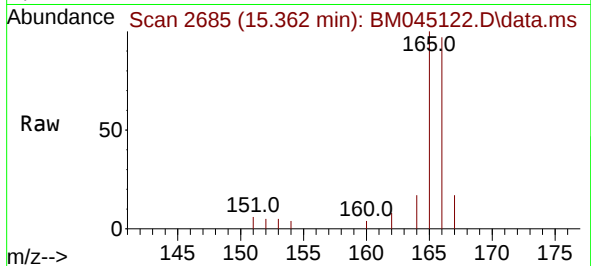
Tgt Ion:153 Resp: 2886
Ion Ratio Lower Upper
153 100
152 54.5 41.2 61.8
154 87.0 69.4 104.0





#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.362 min Scan# 2094
Delta R.T. 0.005 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

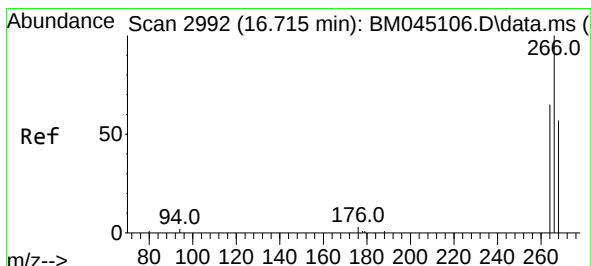
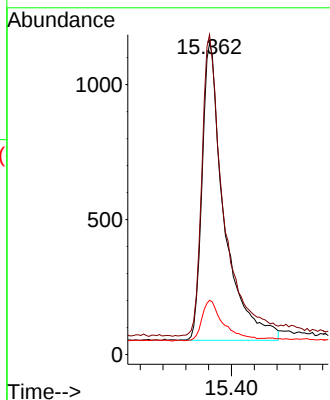
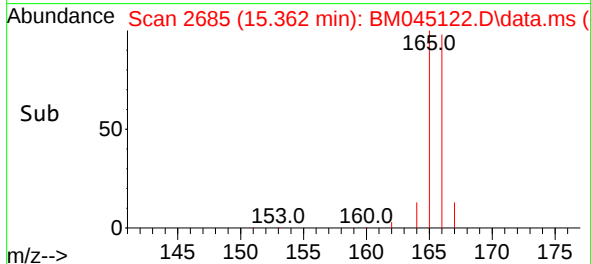
Instrument :
BNA_M
ClientSampleId :
SLCS125



Tgt Ion:166 Resp: 294
Ion Ratio Lower Upper
166 100
165 102.8 79.9 119.9
167 17.4 12.2 18.2

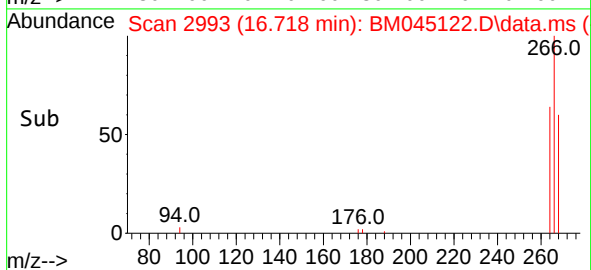
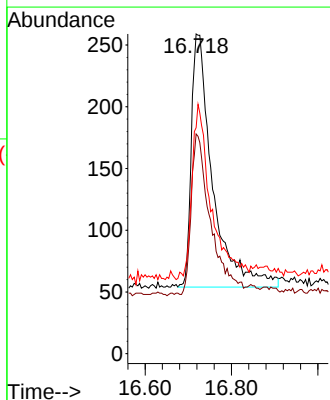
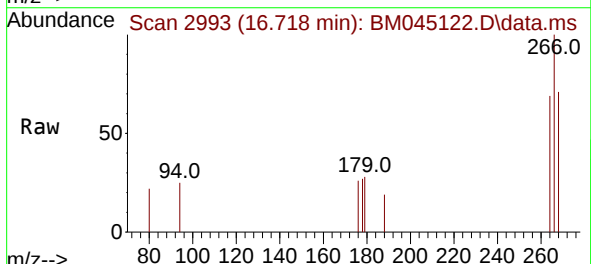
Manual Integrations
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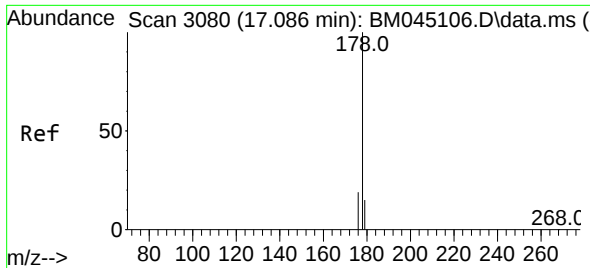
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#14
Pentachlorophenol
Concen: 0.726 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. -0.008 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

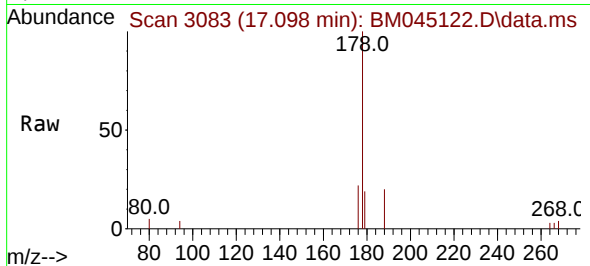
Tgt Ion:266 Resp: 700
Ion Ratio Lower Upper
266 100
264 57.9 48.3 72.5
268 63.0 52.6 79.0





#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. 0.004 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

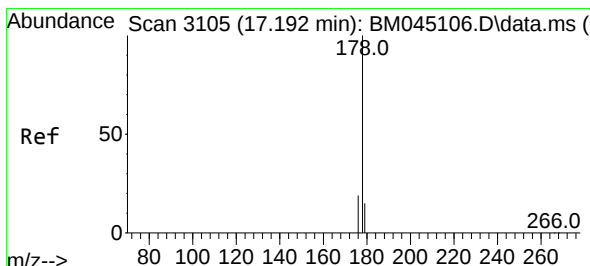
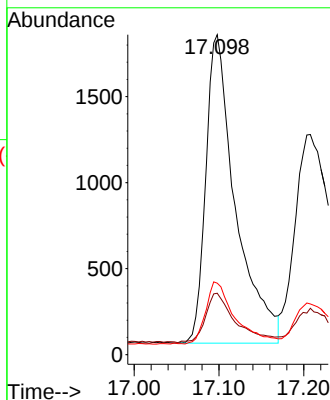
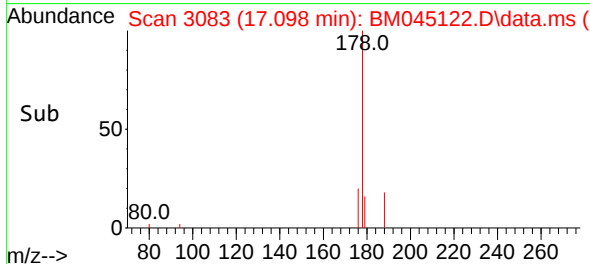
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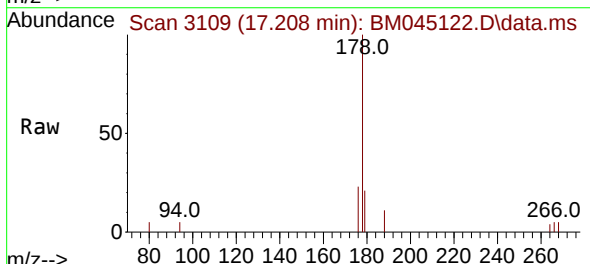
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Ion Ratio Lower Upper
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179 19.2 13.7 20.5
176 22.4 17.0 25.4

Manual Integrations
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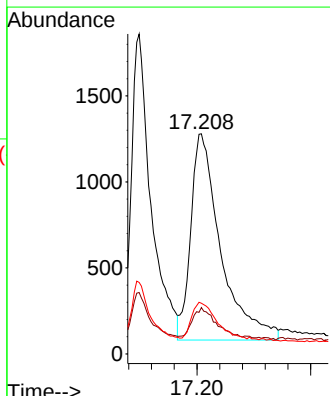
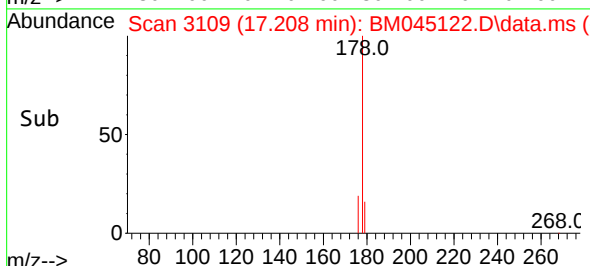
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

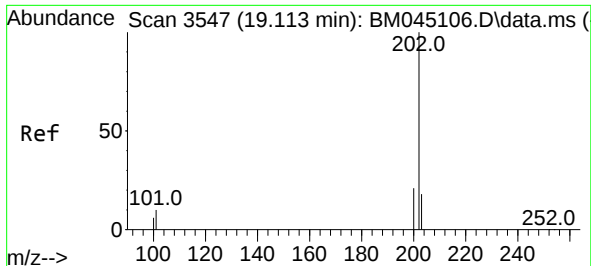


#16
Anthracene
Concen: 0.385 ng/ul m
RT: 17.208 min Scan# 3109
Delta R.T. 0.008 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26



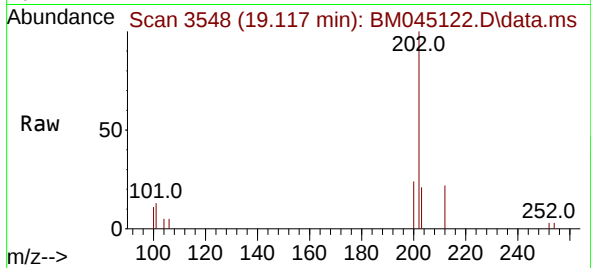
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Ion Ratio Lower Upper
178 100
179 21.1 13.8 20.8#
176 23.0 16.2 24.4





#19
Fluoranthene
Concen: 0.474 ng/u1
RT: 19.117 min Scan# 3547
Delta R.T. -0.000 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

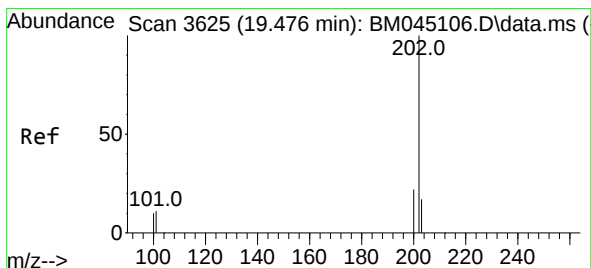
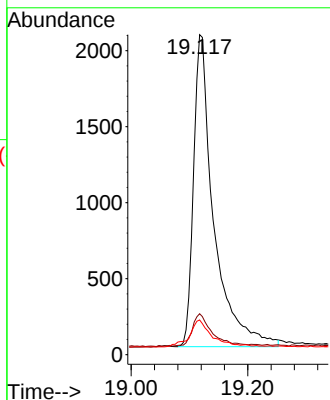
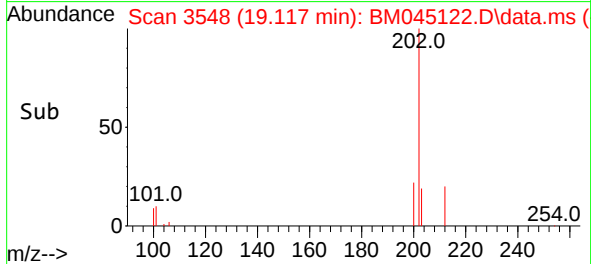
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Tgt Ion:202 Resp: 494
Ion Ratio Lower Upper
202 100
101 12.8 8.8 13.2
100 10.9 7.0 10.4

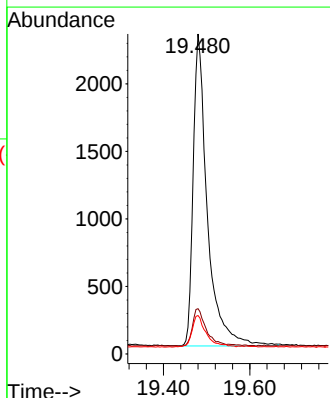
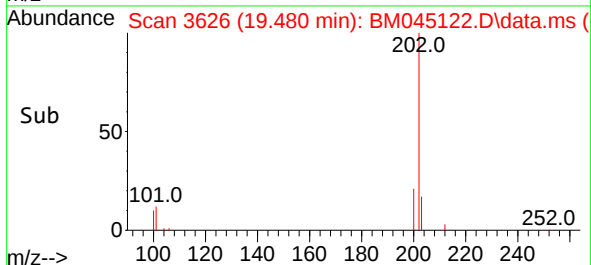
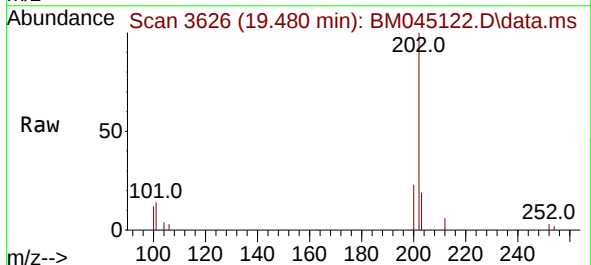
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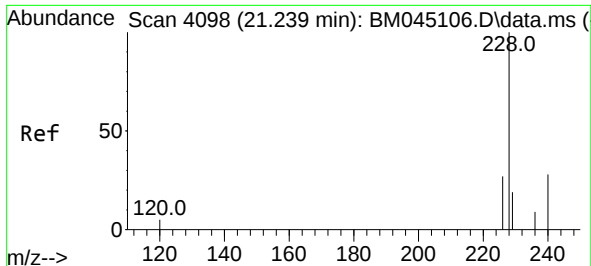
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#20
Pyrene
Concen: 0.479 ng/u1
RT: 19.480 min Scan# 3626
Delta R.T. -0.000 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

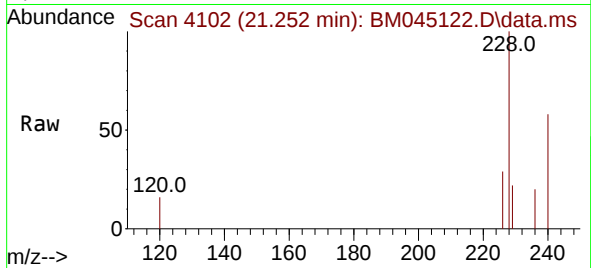
Tgt Ion:202 Resp: 5276
Ion Ratio Lower Upper
202 100
101 14.1 9.8 14.6
100 12.0 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.252 min Scan# 4110
Delta R.T. 0.006 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

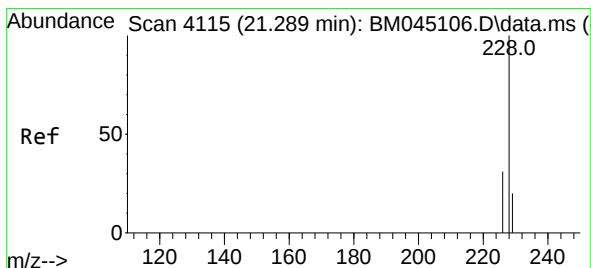
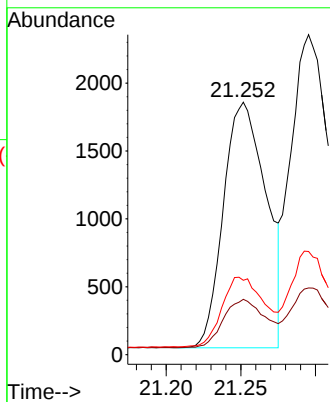
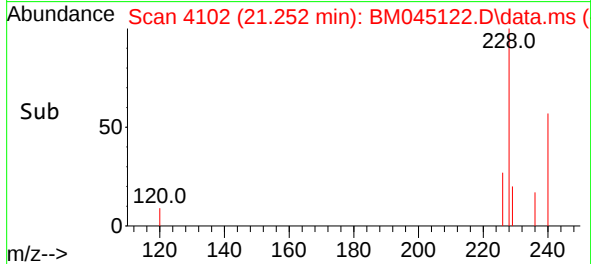
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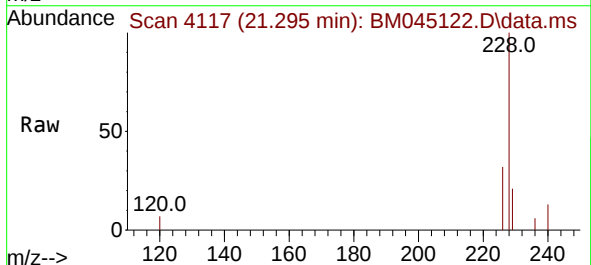
Tgt Ion:228 Resp: 359
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.5 22.3 33.5

Manual Integrations
APPROVED

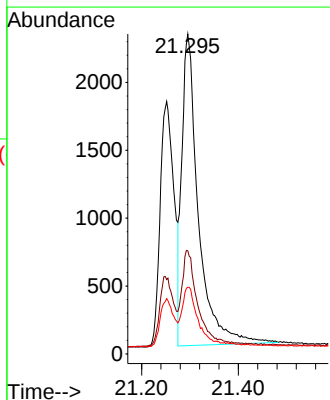
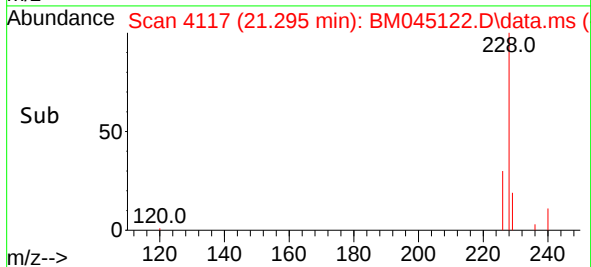
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

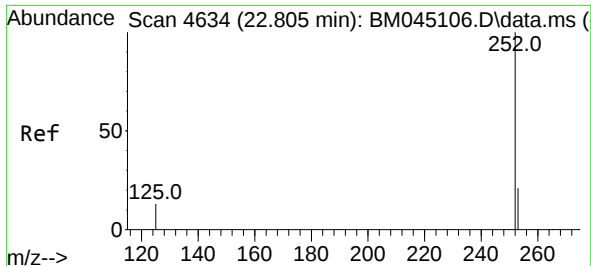


#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.003 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26



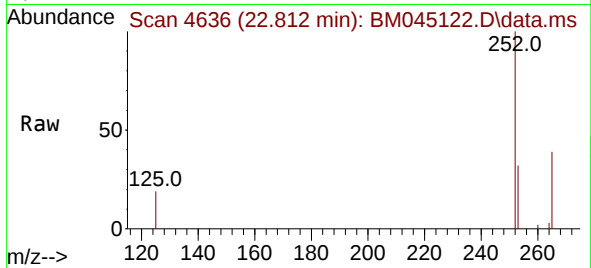
Tgt Ion:228 Resp: 5450
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 20.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 22.812 min Scan# 4636
Delta R.T. 0.003 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

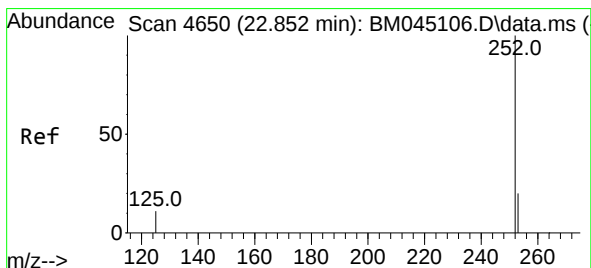
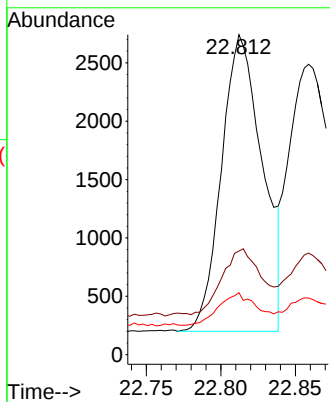
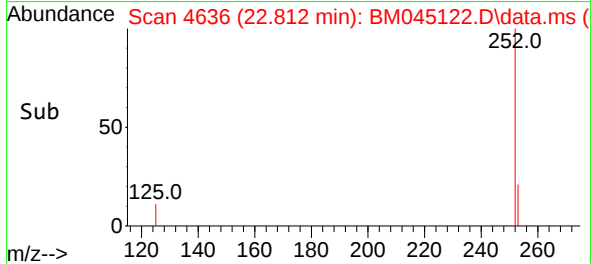
Instrument :
BNA_M
ClientSampleId :
SLCS125



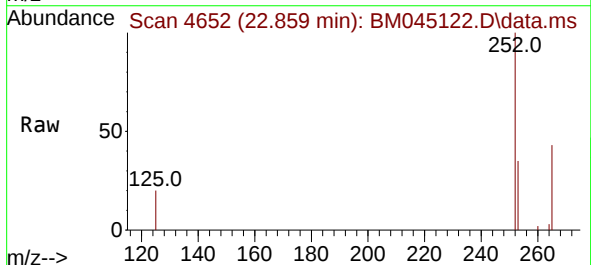
Tgt Ion:252 Resp: 485
Ion Ratio Lower Upper
252 100
253 32.4 0.0 56.4
125 19.3 0.0 33.4

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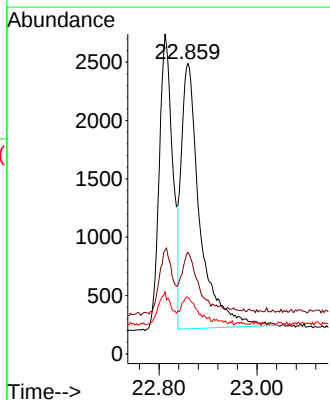
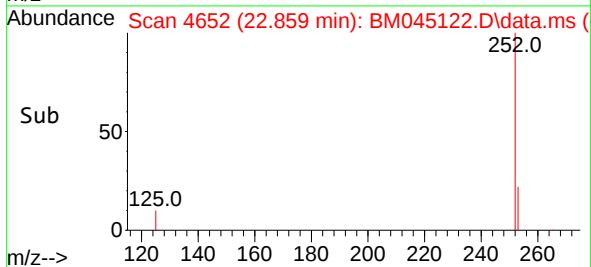
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

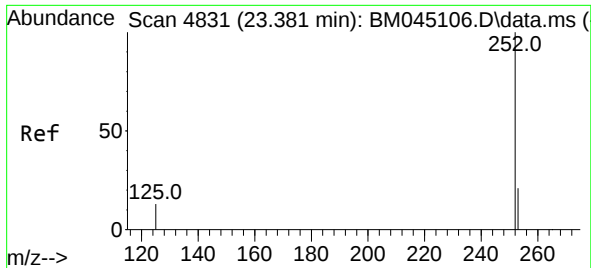


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 22.859 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26



Tgt Ion:252 Resp: 6003
Ion Ratio Lower Upper
252 100
253 35.0 22.3 33.5#
125 19.5 11.6 17.4#





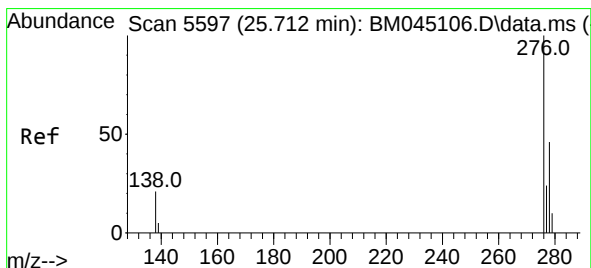
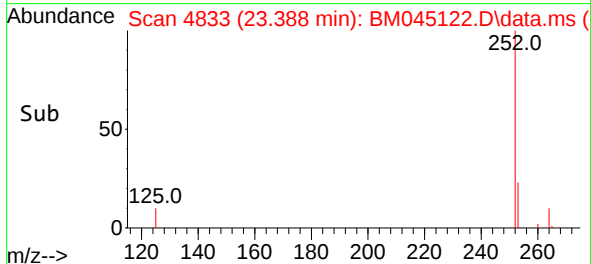
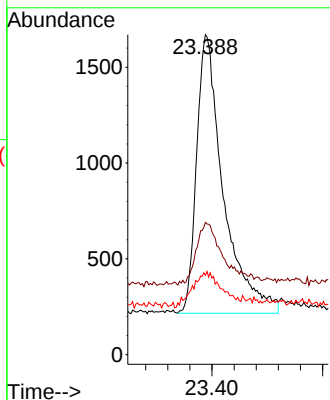
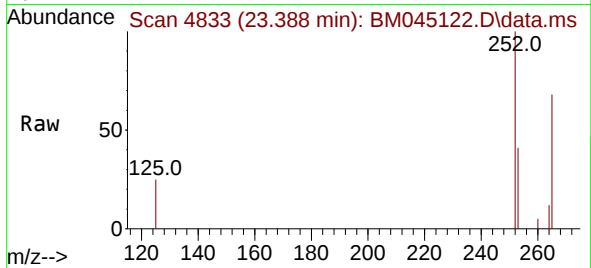
#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.388 min Scan# 4833
Delta R.T. 0.003 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

Instrument :
BNA_M
ClientSampleId :
SLCS125

Tgt Ion:252 Resp: 488
Ion Ratio Lower Upper
252 100
253 41.4 24.6 37.0
125 24.8 18.2 27.4

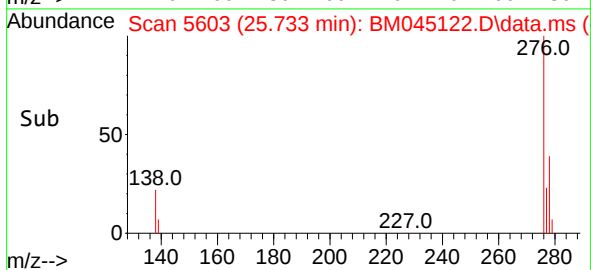
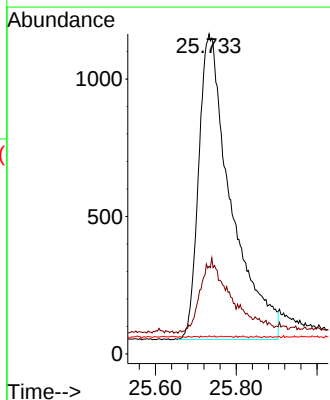
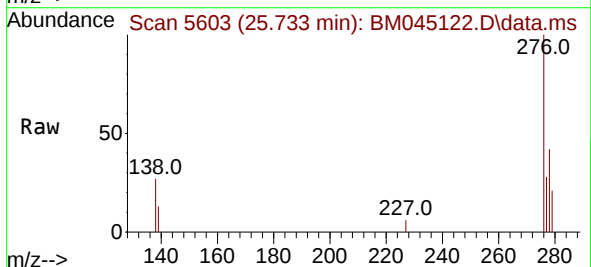
Manual Integrations
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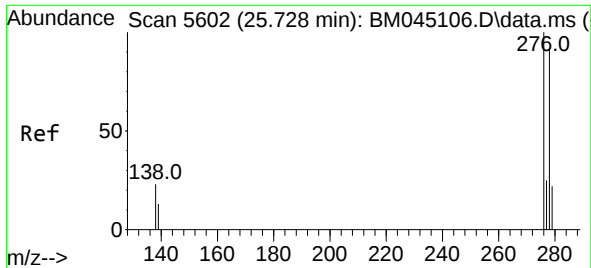
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 25.733 min Scan# 5603
Delta R.T. 0.013 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

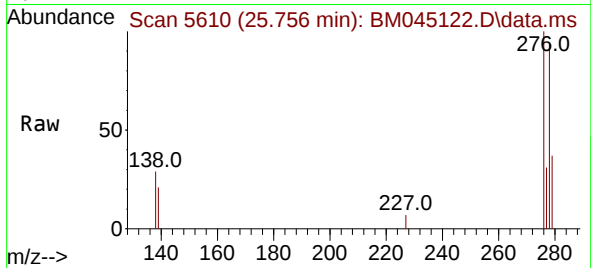
Tgt Ion:276 Resp: 6152
Ion Ratio Lower Upper
276 100
138 23.1 0.0 0.0
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 25.756 min Scan# 50
Delta R.T. 0.007 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26

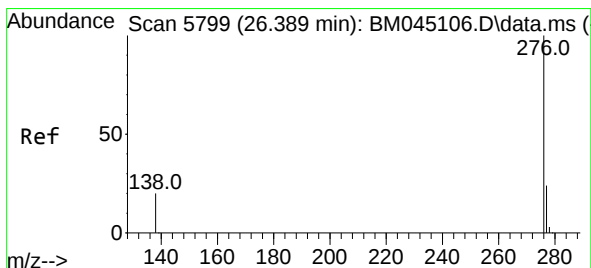
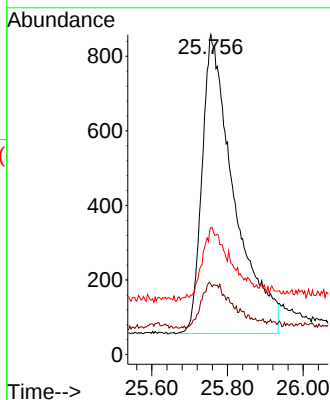
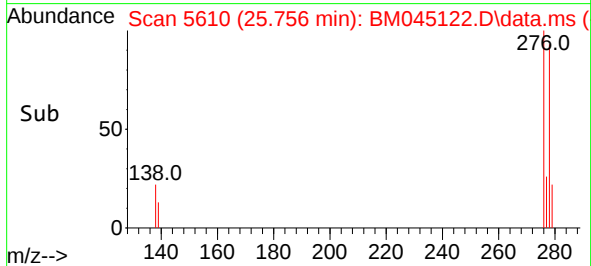
Instrument :
BNA_M
ClientSampleId :
SLCS125



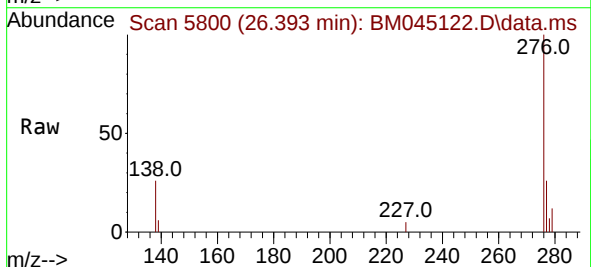
Tgt Ion:278 Resp: 4699
Ion Ratio Lower Upper
278 100
139 21.9 13.6 20.4
279 39.7 23.0 34.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.393 min Scan# 5800
Delta R.T. 0.007 min
Lab File: BM045122.D
Acq: 11 Apr 2024 05:26



Tgt Ion:276 Resp: 5740
Ion Ratio Lower Upper
276 100
138 26.5 16.8 25.2
277 26.5 20.3 30.5

