

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045100.D
 Acq On : 10 Apr 2024 15:34
 Operator : MA/JU
 Sample : PB160095BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS095

Manual Integrations
 APPROVED

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

Quant Time: Apr 10 17:06:33 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	7.652	152	1116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.430	136	3722	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.284	164	1982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	4020	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	2962	0.400	ng/ul #	0.00
23) Perylene-d12	23.479	264	3684	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1279	0.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2168	0.430	ng/ul	0.00
18) Fluoranthene-d10	19.089	212	4154	0.555	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	3582	2.549	ng/ul#	80
5) Naphthalene	10.479	128	4364	0.442	ng/ul	97
7) 2-Methylnaphthalene	12.112	142	2603	0.441	ng/ul	98
8) 1-Methylnaphthalene	12.316	142	2709	0.421	ng/ul	98
10) Acenaphthylene	14.006	152	4420	0.447	ng/ul	98
11) Acenaphthene	14.348	153	3179	0.449	ng/ul	99
12) Fluorene	15.357	166	3388	0.427	ng/ul	100
14) Pentachlorophenol	16.718	266	866	0.919	ng/ul	98
15) Phenanthrene	17.094	178	5104	0.451	ng/ul	98
16) Anthracene	17.203	178	5191	0.466	ng/ul	97
19) Fluoranthene	19.117	202	6094	0.576	ng/ul	96
20) Pyrene	19.480	202	6431	0.575	ng/ul	96
21) Benzo(a)anthracene	21.249	228	4401	0.427	ng/ul	97
22) Chrysene	21.295	228	6350	0.493	ng/ul	99
24) Benzo(b)fluoranthene	22.812	252	5655	0.425	ng/ul	96
25) Benzo(k)fluoranthene	22.859	252	6905m	0.463	ng/ul	
26) Benzo(a)pyrene	23.388	252	5799	0.457	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.729	276	7447	0.428	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.753	278	5648	0.410	ng/ul#	88
29) Benzo(g,h,i)perylene	26.397	276	6942	0.462	ng/ul	95

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

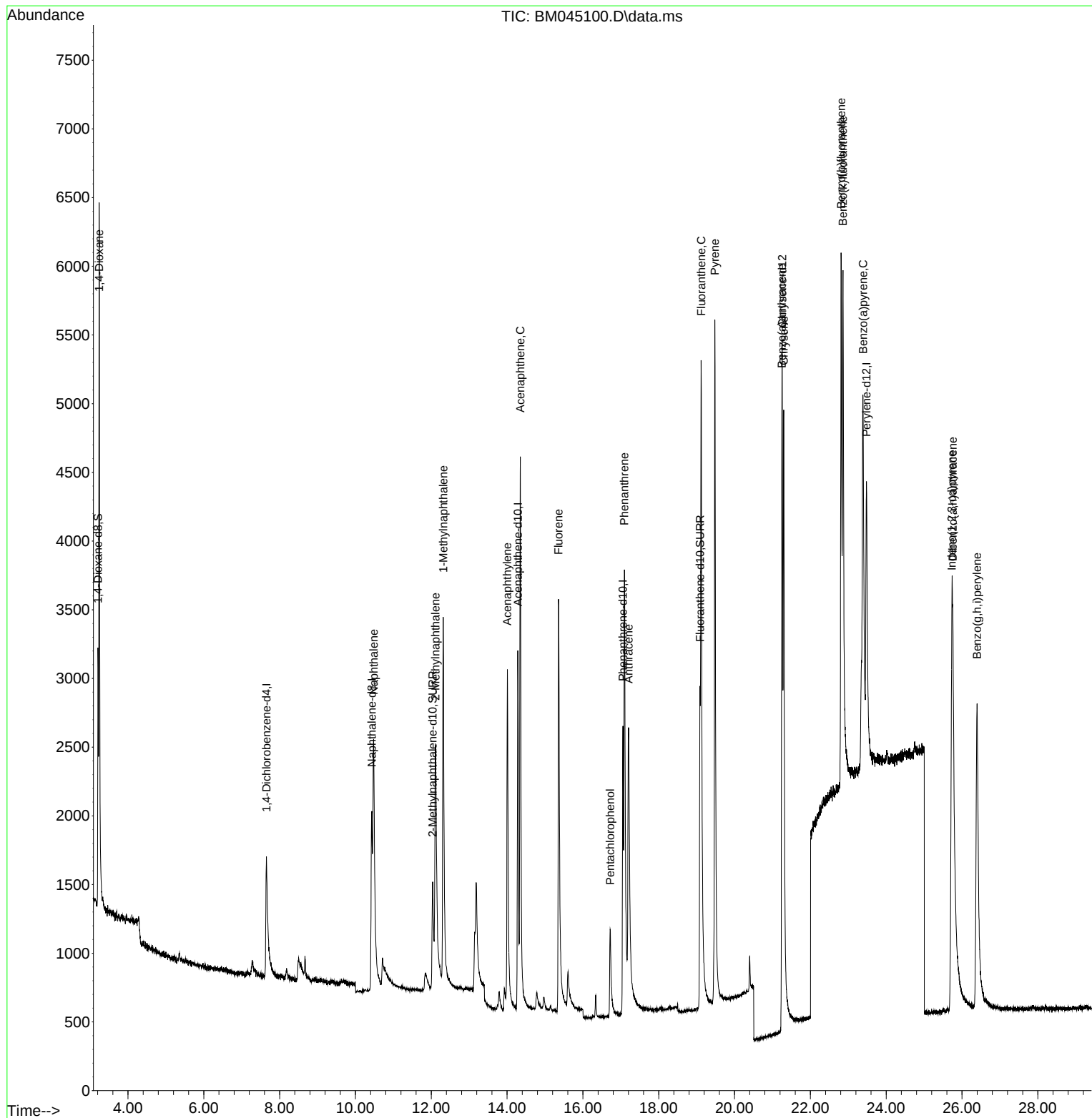
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045100.D
Acq On : 10 Apr 2024 15:34
Operator : MA/JU
Sample : PB160095BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

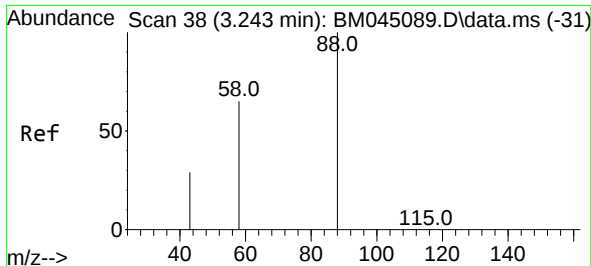
Instrument :
BNA_M
ClientSampleId :
SLCS095

Manual Integrations
APPROVED

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

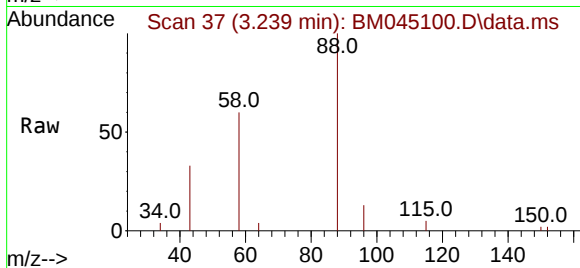
Quant Time: Apr 10 17:06:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 10 11:09:26 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.549 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

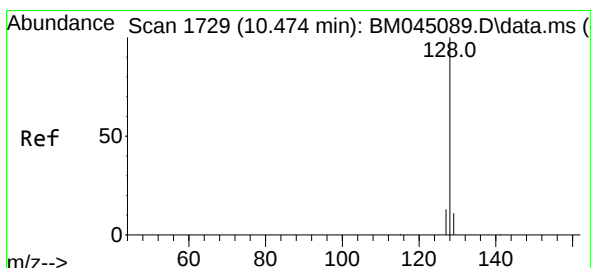
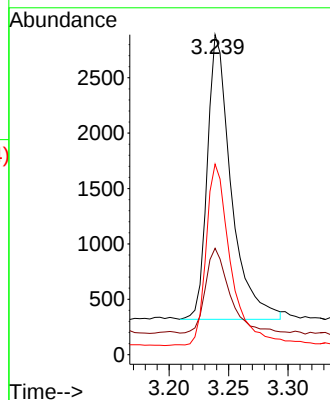
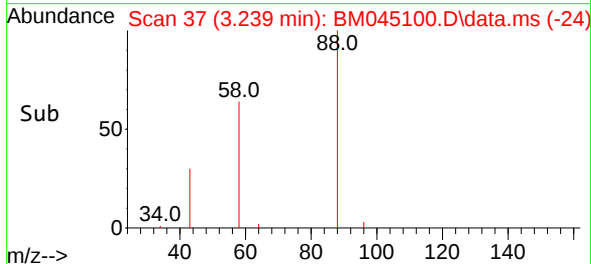
Instrument :
BNA_M
ClientSampleId :
SLCS095



Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
43 33.2 30.6 46.0
58 59.5 32.6 48.8

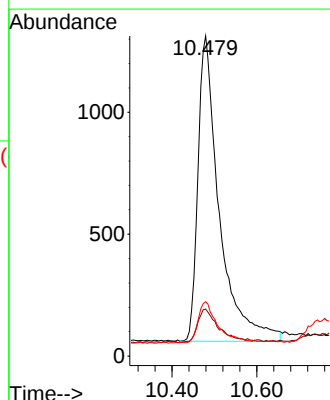
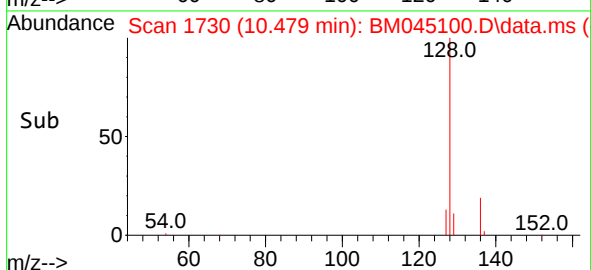
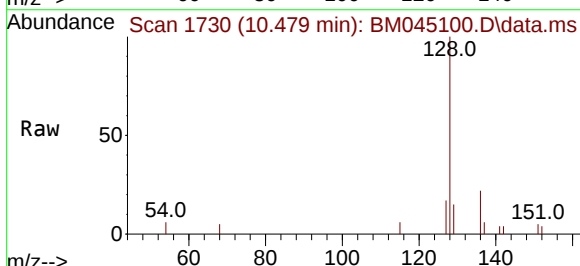
Manual Integrations
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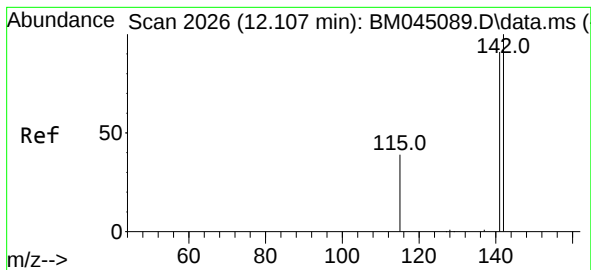
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#5
Naphthalene
Concen: 0.442 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

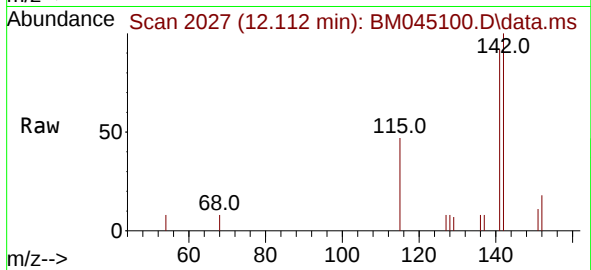
Tgt Ion:128 Resp: 4364
Ion Ratio Lower Upper
128 100
129 14.7 11.3 16.9
127 17.0 11.9 17.9





#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.112 min Scan# 2026
Delta R.T. 0.005 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

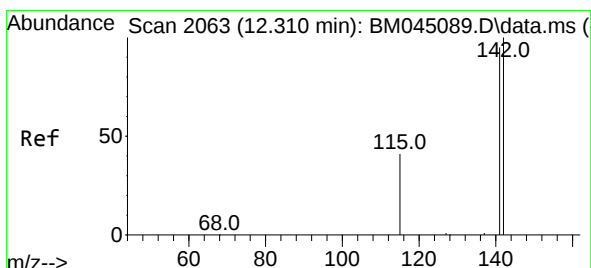
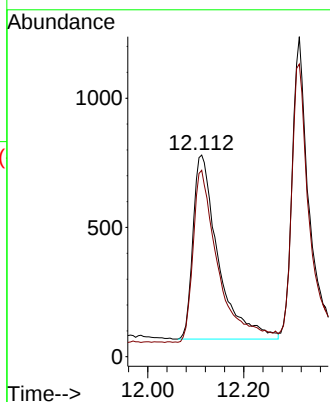
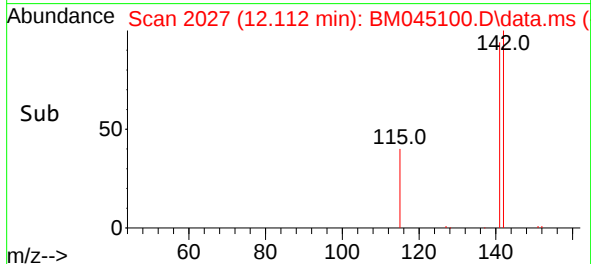
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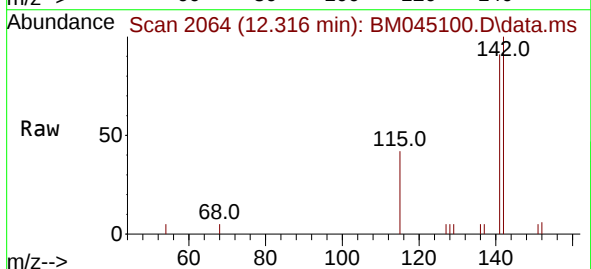
Tgt Ion:142 Resp: 2608
Ion Ratio Lower Upper
142 100
141 94.3 73.8 110.8

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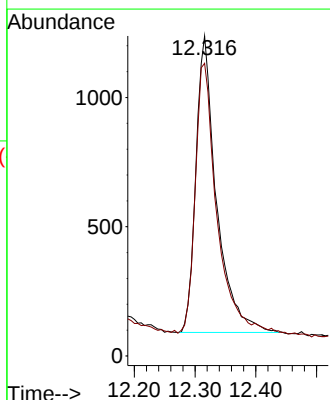
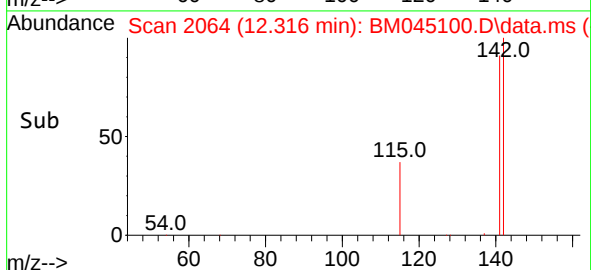
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

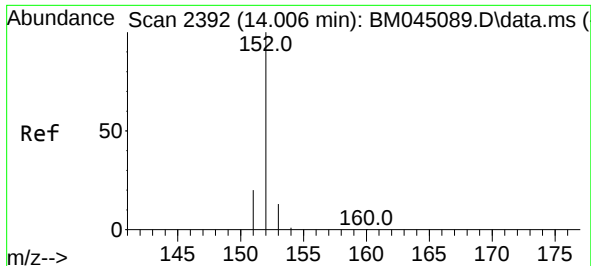


#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34



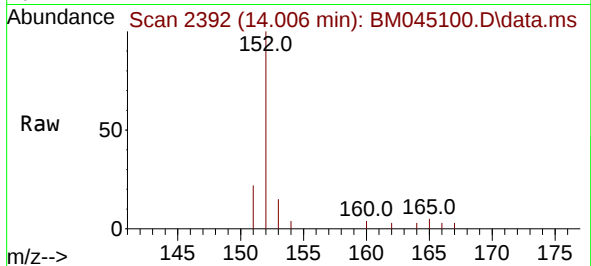
Tgt Ion:142 Resp: 2709
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.2





#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.006 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

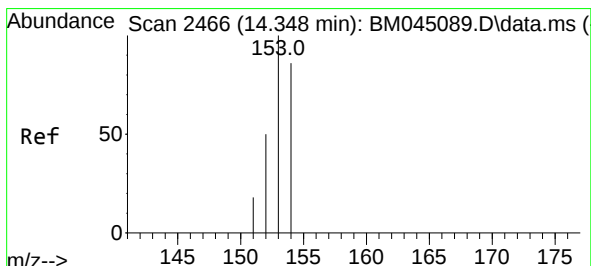
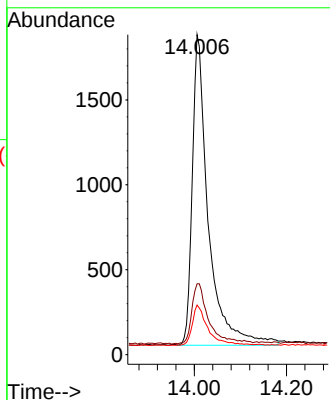
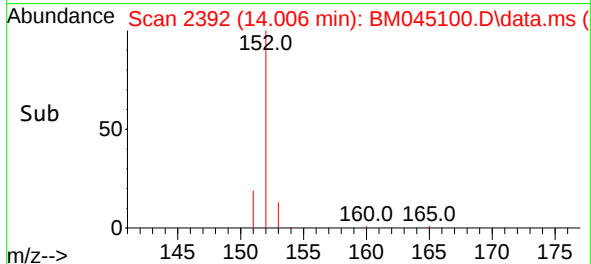
Instrument :
BNA_M
ClientSampleId :
SLCS095



Tgt Ion:152 Resp: 4420
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.4
153 15.5 11.9 17.9

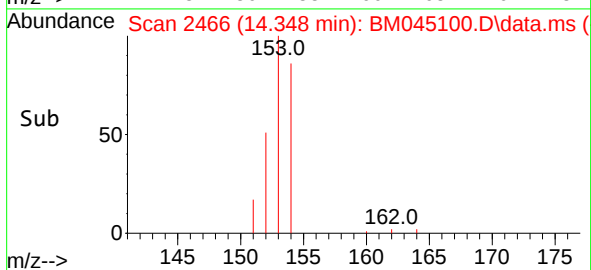
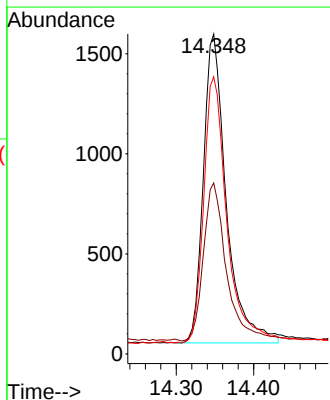
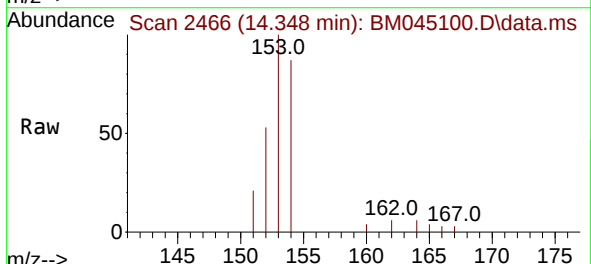
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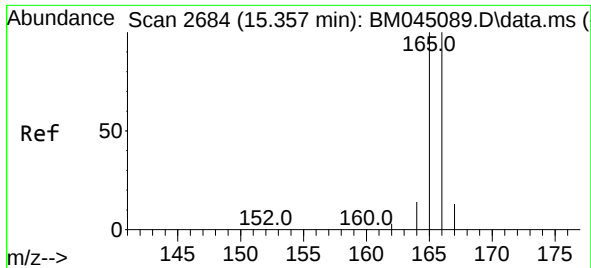
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.348 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

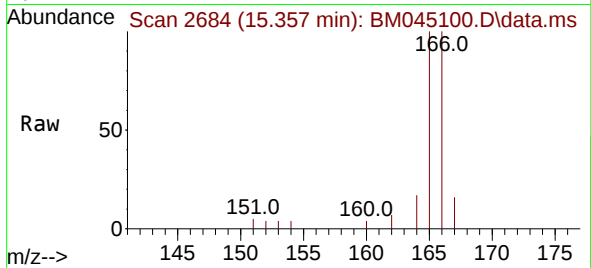
Tgt Ion:153 Resp: 3179
Ion Ratio Lower Upper
153 100
152 53.5 41.2 61.8
154 86.6 69.4 104.0





#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.357 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

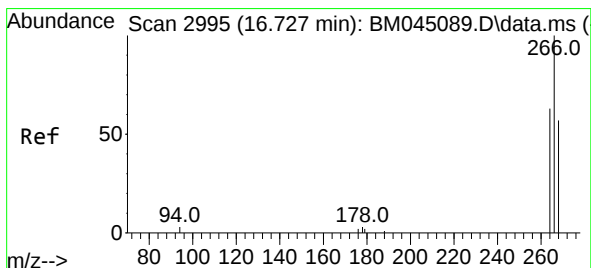
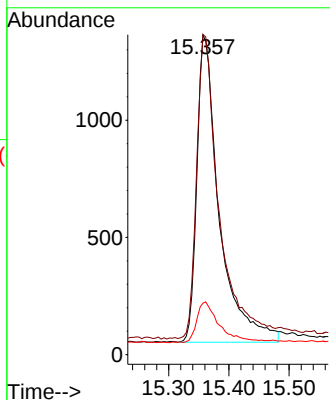
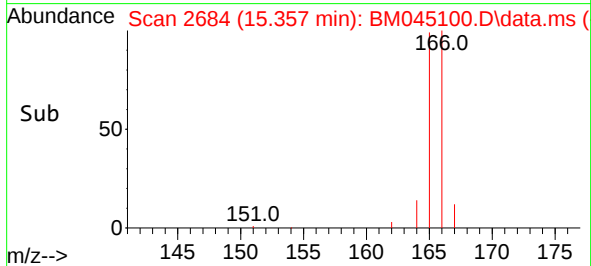
Instrument :
BNA_M
ClientSampleId :
SLCS095



Tgt Ion:166 Resp: 338
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 16.1 12.2 18.2

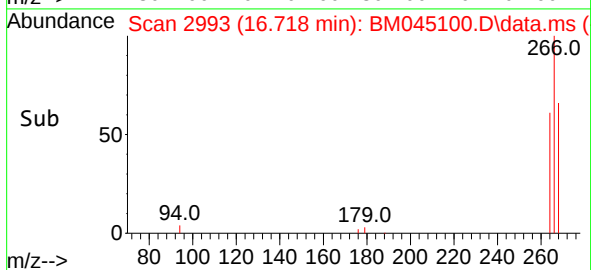
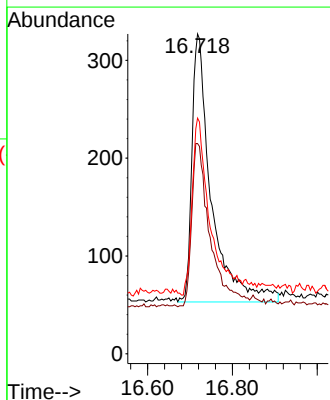
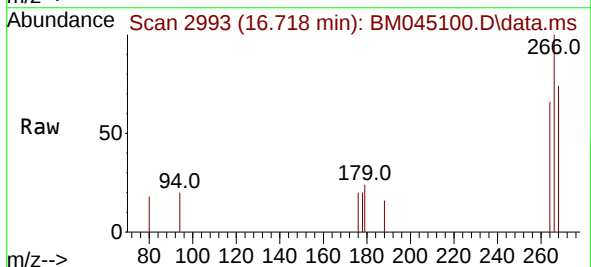
Manual Integrations
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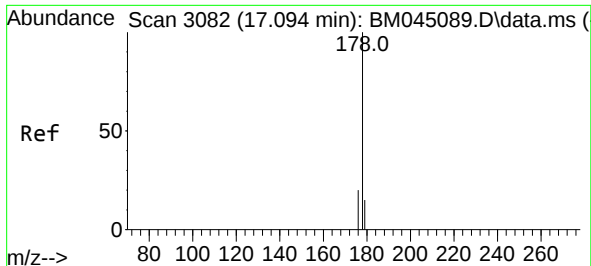
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#14
Pentachlorophenol
Concen: 0.919 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. -0.009 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

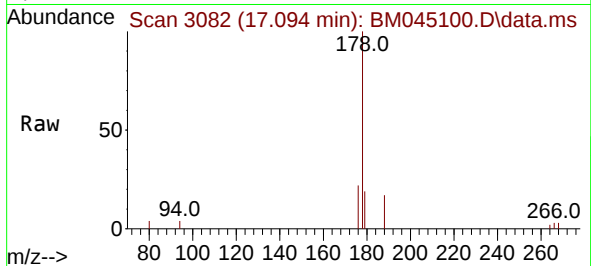
Tgt Ion:266 Resp: 866
Ion Ratio Lower Upper
266 100
264 58.8 48.3 72.5
268 66.7 52.6 79.0





#15
Phenanthrene
Concen: 0.451 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

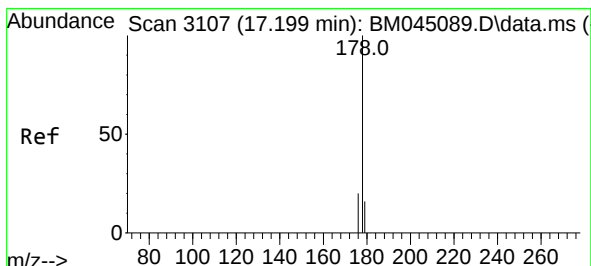
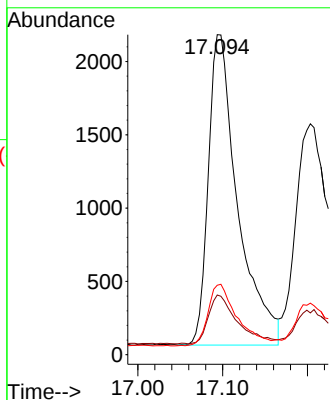
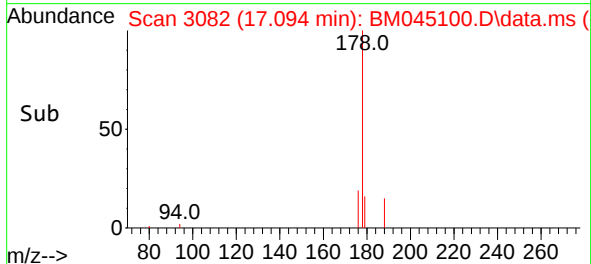
Instrument :
BNA_M
ClientSampleId :
SLCS095



Tgt Ion:178 Resp: 5104
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 21.7 17.0 25.4

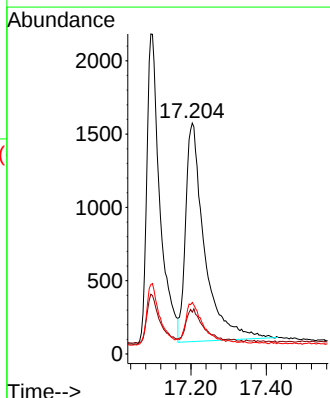
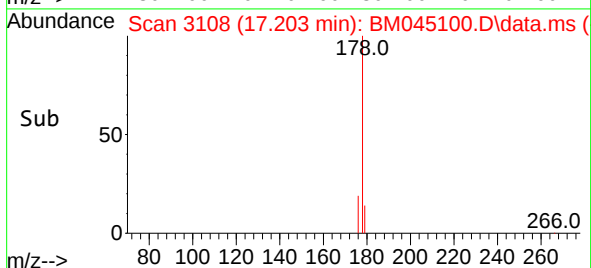
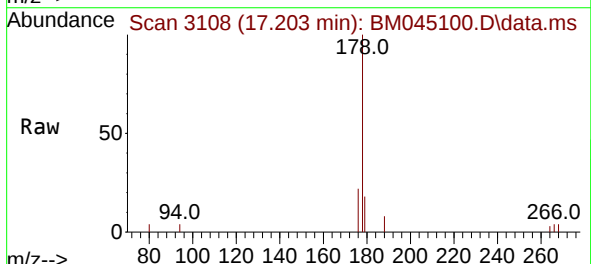
Manual Integrations
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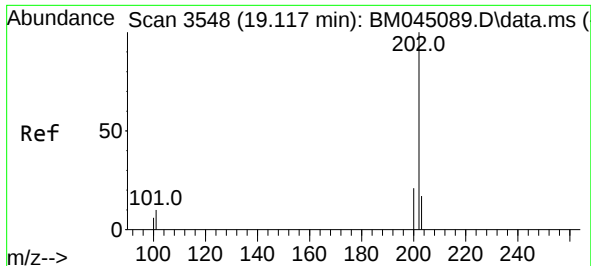
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.203 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

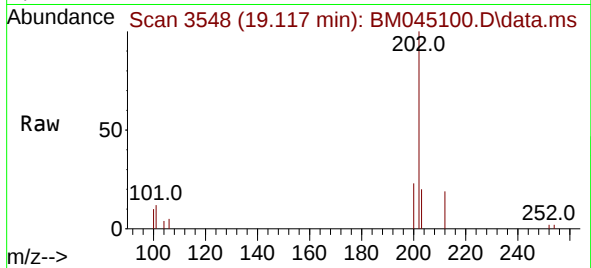
Tgt Ion:178 Resp: 5191
Ion Ratio Lower Upper
178 100
179 18.1 13.8 20.8
176 22.3 16.2 24.4





#19
Fluoranthene
Concen: 0.576 ng/u1
RT: 19.117 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

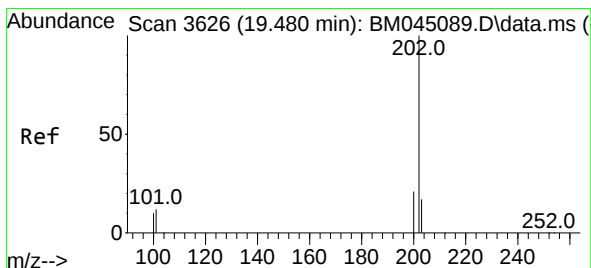
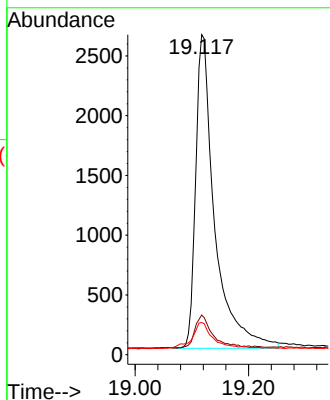
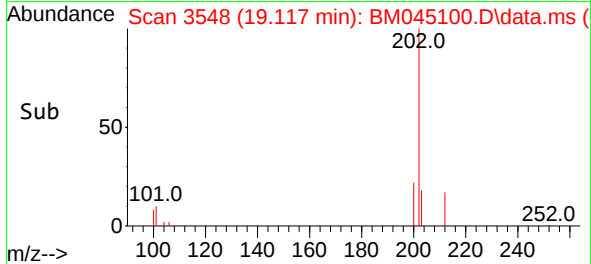
Instrument :
BNA_M
ClientSampleId :
SLCS095



Tgt Ion:202 Resp: 6094
Ion Ratio Lower Upper
202 100
101 12.4 8.8 13.2
100 10.1 7.0 10.4

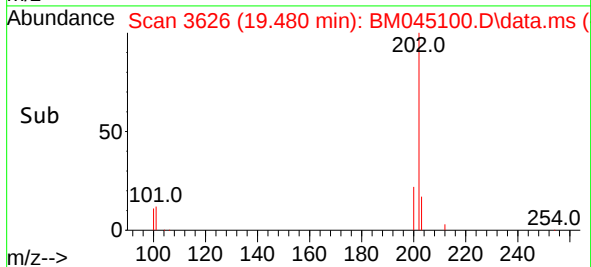
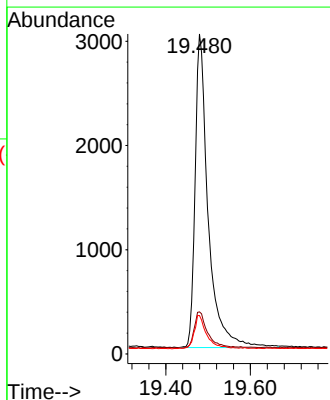
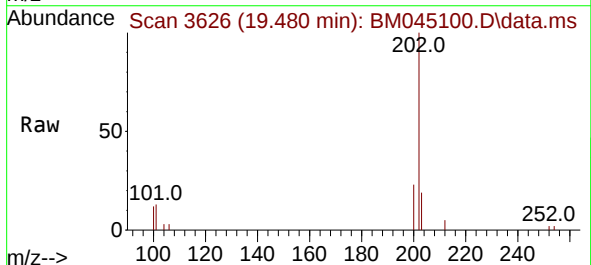
Manual Integrations
APPROVED

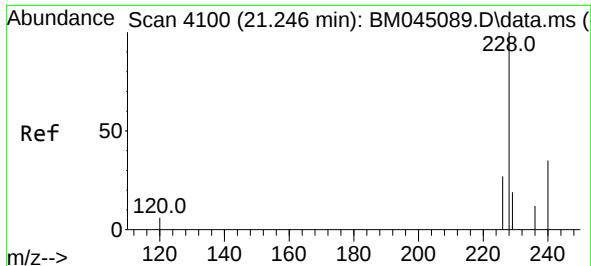
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#20
Pyrene
Concen: 0.575 ng/u1
RT: 19.480 min Scan# 3626
Delta R.T. -0.000 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

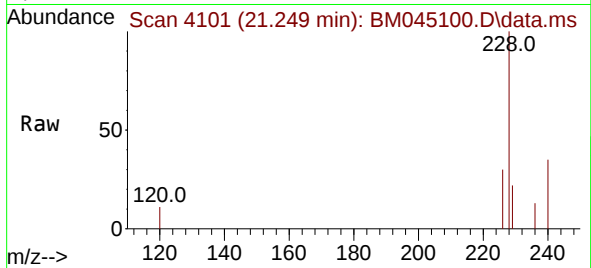
Tgt Ion:202 Resp: 6431
Ion Ratio Lower Upper
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101 13.2 9.8 14.6
100 12.0 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.427 ng/u1
RT: 21.249 min Scan# 4101
Delta R.T. 0.003 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

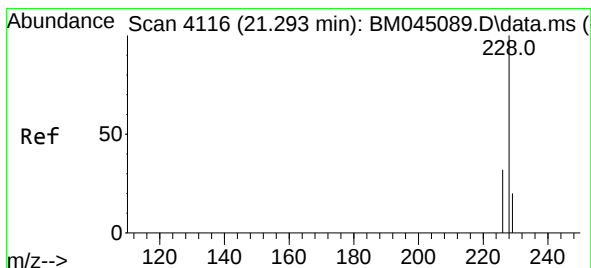
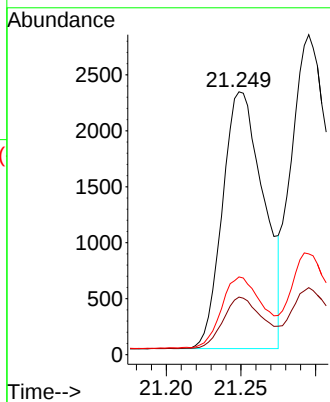
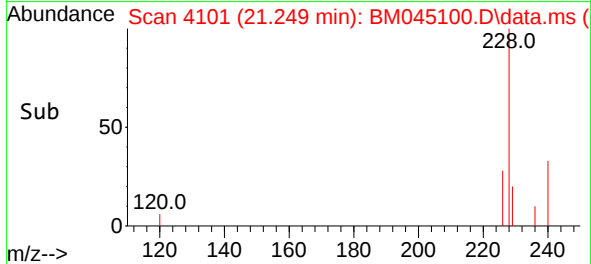
Instrument :
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ClientSampleId :
SLCS095



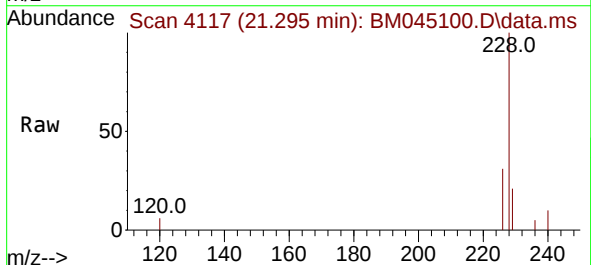
Tgt Ion:228 Resp: 440
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.5 22.3 33.5

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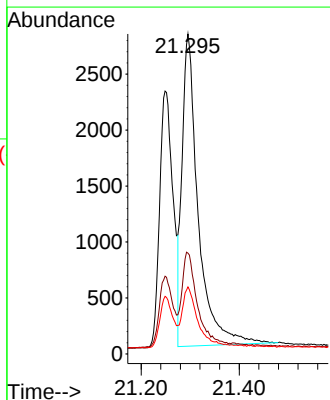
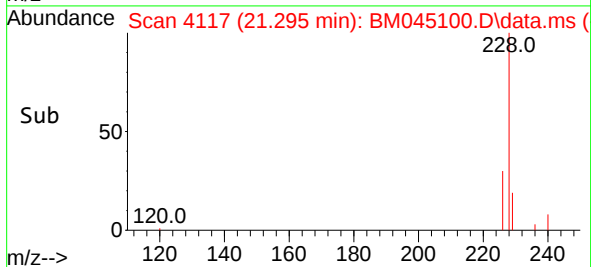
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

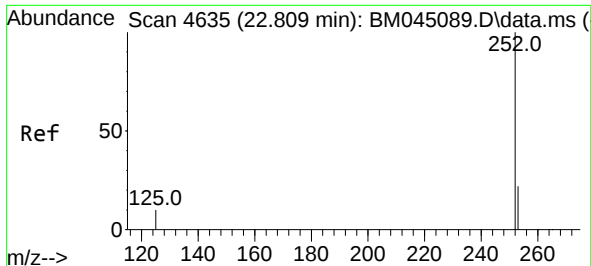


#22
Chrysene
Concen: 0.493 ng/u1
RT: 21.295 min Scan# 4117
Delta R.T. 0.003 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34



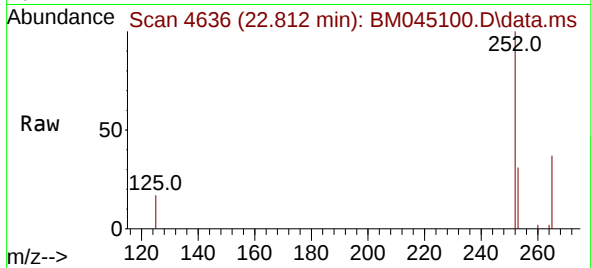
Tgt Ion:228 Resp: 6350
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.812 min Scan# 4636
Delta R.T. 0.003 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

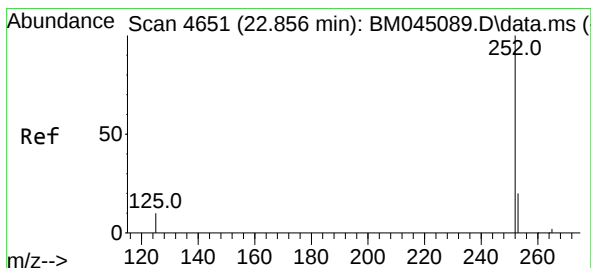
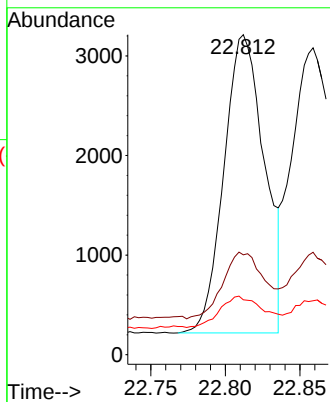
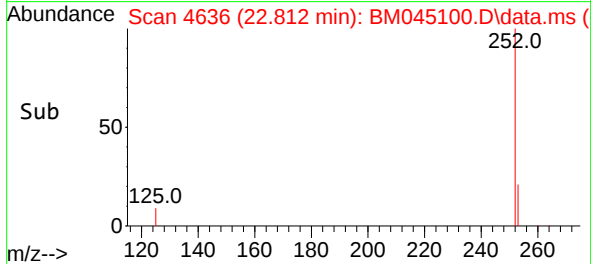
Instrument :
BNA_M
ClientSampleId :
SLCS095



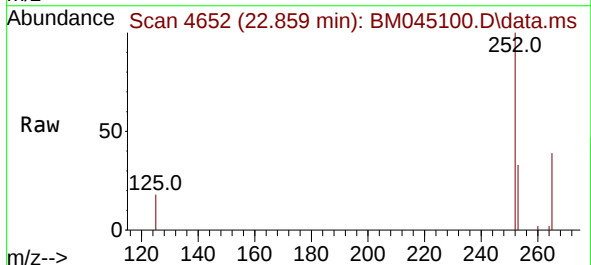
Tgt Ion:252 Resp: 565
Ion Ratio Lower Upper
252 100
253 31.2 0.0 56.4
125 17.2 0.0 33.4

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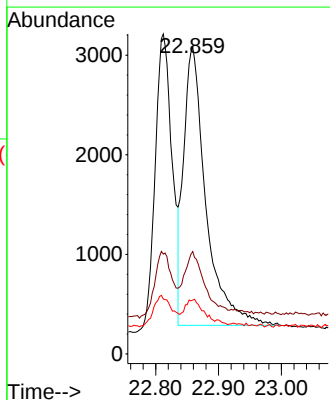
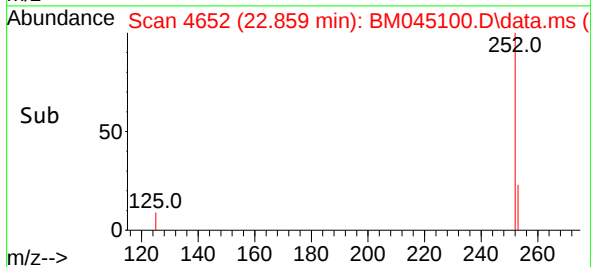
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

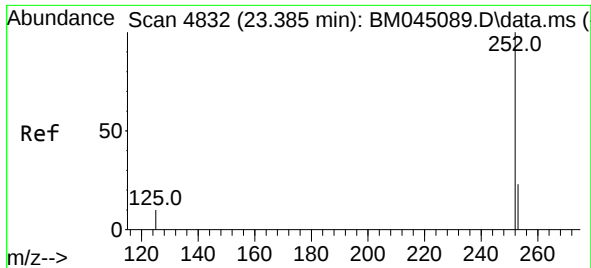


#25
Benzo(k)fluoranthene
Concen: 0.463 ng/ul m
RT: 22.859 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34



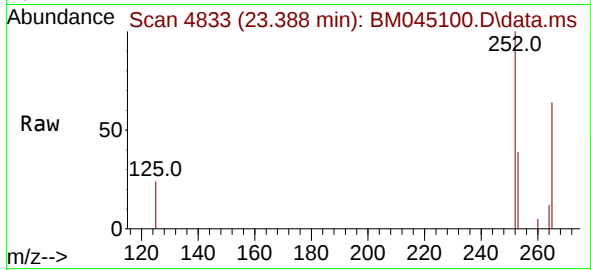
Tgt Ion:252 Resp: 6905
Ion Ratio Lower Upper
252 100
253 33.4 22.3 33.5
125 17.6 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.388 min Scan# 4833
Delta R.T. 0.003 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

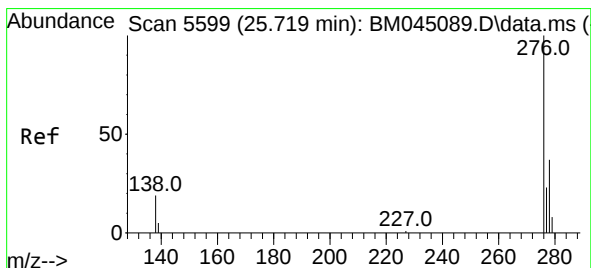
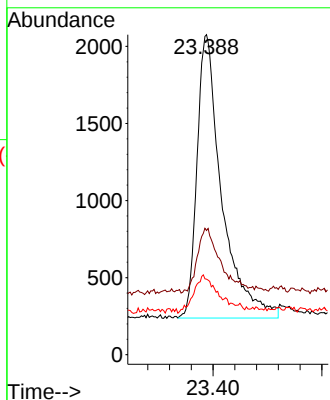
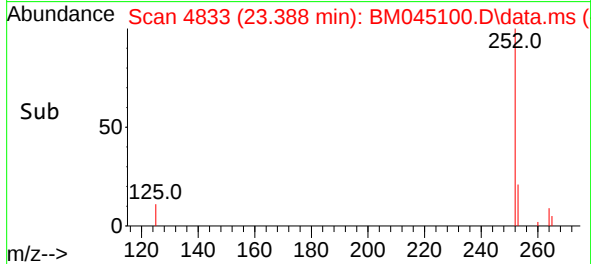
Instrument :
BNA_M
ClientSampleId :
SLCS095



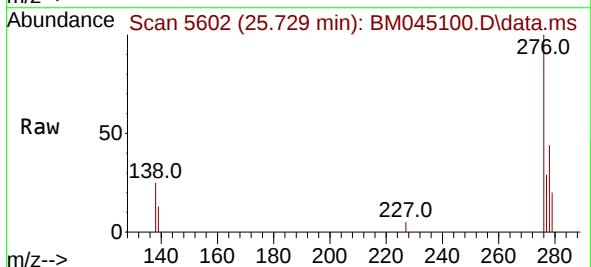
Tgt Ion:252 Resp: 5799
Ion Ratio Lower Upper
252 100
253 38.8 24.6 37.0#
125 23.6 18.2 27.4

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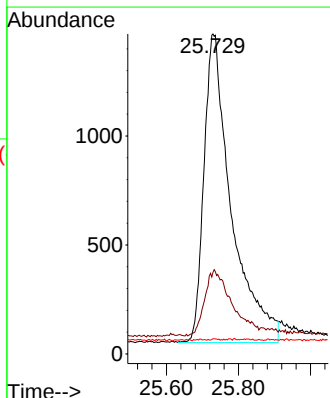
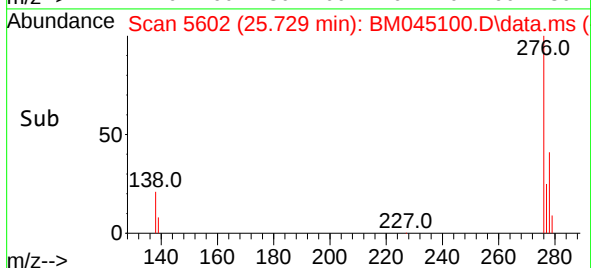
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

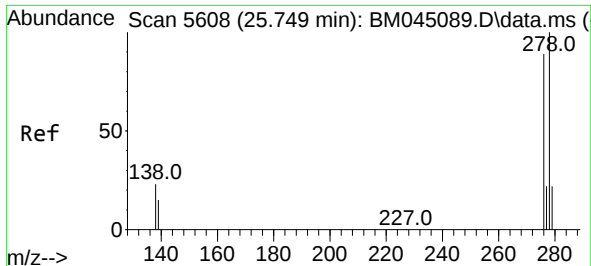


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 25.729 min Scan# 5602
Delta R.T. 0.010 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34



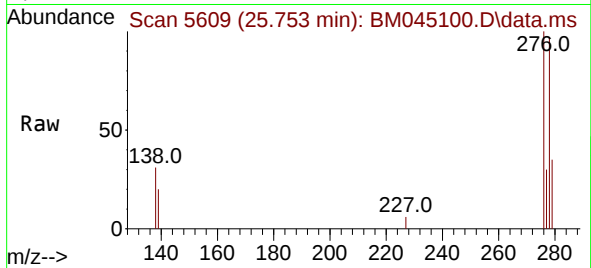
Tgt Ion:276 Resp: 7447
Ion Ratio Lower Upper
276 100
138 22.6 0.0 0.0#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 25.753 min Scan# 5000
Delta R.T. 0.003 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

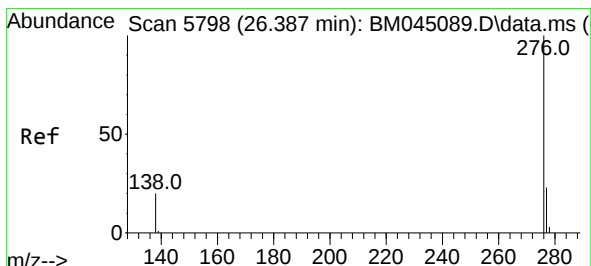
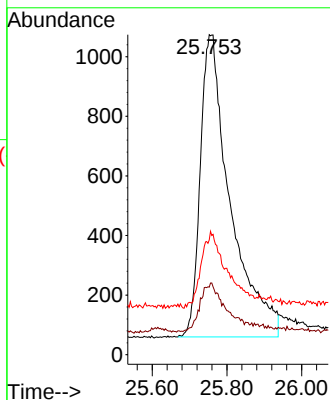
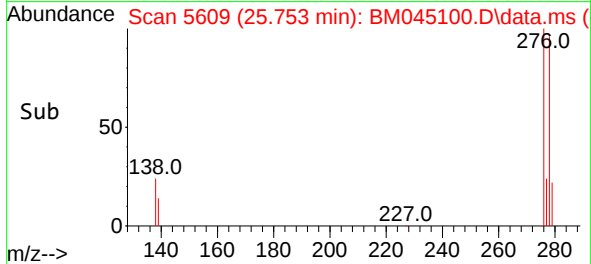
Instrument :
BNA_M
ClientSampleId :
SLCS095



Tgt Ion:278 Resp: 5648
Ion Ratio Lower Upper
278 100
139 21.1 13.6 20.4
279 35.8 23.0 34.4

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



#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.397 min Scan# 5801
Delta R.T. 0.010 min
Lab File: BM045100.D
Acq: 10 Apr 2024 15:34

Tgt Ion:276 Resp: 6942
Ion Ratio Lower Upper
276 100
138 24.8 16.8 25.2
277 26.2 20.3 30.5

