

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045700.D
 Acq On : 03 May 2024 17:41
 Operator : MA/JU
 Sample : P2238-02DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 18:20:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	371	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.297	136	1091	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.178	164	745	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.947	188	1635	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.163	240	1879	0.400	ng/ul	#-0.02
23) Perylene-d12	23.337	264	2731	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	326	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	99	0.057	ng/ul	-0.03
18) Fluoranthene-d10	18.983	212	266	0.056	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.352	128	202	0.073	ng/ul#	76
7) 2-Methylnaphthalene	11.991	142	90	0.053	ng/ul	85
8) 1-Methylnaphthalene	12.200	142	57m	0.031	ng/ul	
10) Acenaphthylene	13.896	152	92	0.029	ng/ul#	20
11) Acenaphthene	14.238	153	250	0.108	ng/ul	93
12) Fluorene	15.242	166	158	0.059	ng/ul#	90
15) Phenanthrene	16.985	178	2697	0.664	ng/ul	91
16) Anthracene	17.082	178	563	0.143	ng/ul#	89
19) Fluoranthene	19.016	202	5109	0.856	ng/ul#	86
20) Pyrene	19.378	202	4923	0.775	ng/ul#	88
21) Benzo(a)anthracene	21.148	228	4169	0.760	ng/ul	94
22) Chrysene	21.201	228	4921	0.634	ng/ul	95
24) Benzo(b)fluoranthene	22.685	252	13350m	1.755	ng/ul	
25) Benzo(k)fluoranthene	22.729	252	4633m	0.492	ng/ul	
26) Benzo(a)pyrene	23.241	252	10947	1.298	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.497	276	10823	0.932	ng/ul	95
28) Dibenzo(a,h)anthracene	25.507	278	2327	0.251	ng/ul	93
29) Benzo(g,h,i)perylene	26.161	276	12225	1.187	ng/ul#	85

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

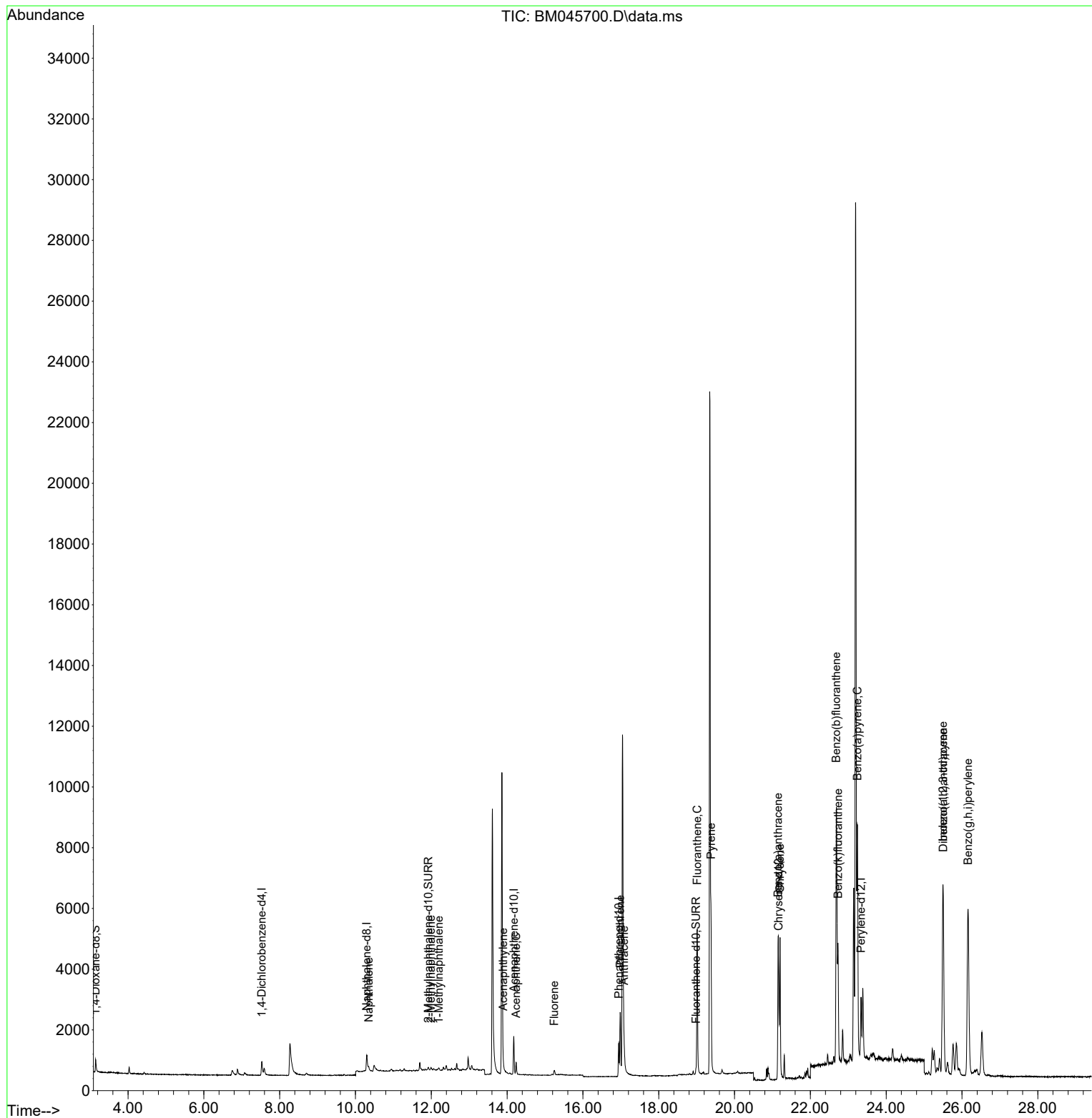
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045700.D
Acq On : 03 May 2024 17:41
Operator : MA/JU
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ALS Vial : 33 Sample Multiplier: 1

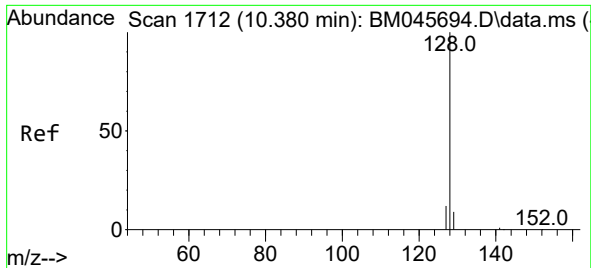
Instrument :
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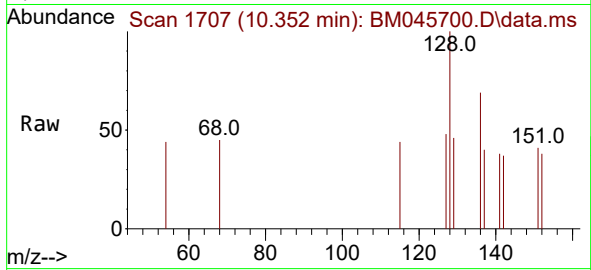
Quant Time: May 03 18:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.352 min Scan# 1712
Delta R.T. -0.038 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

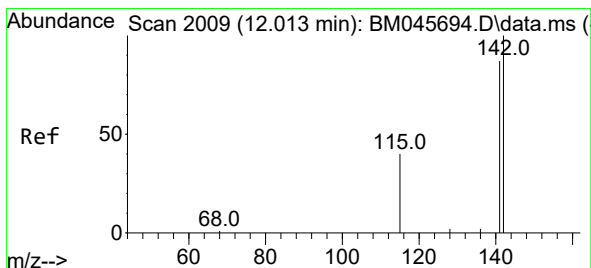
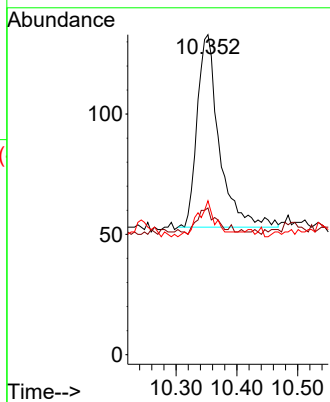
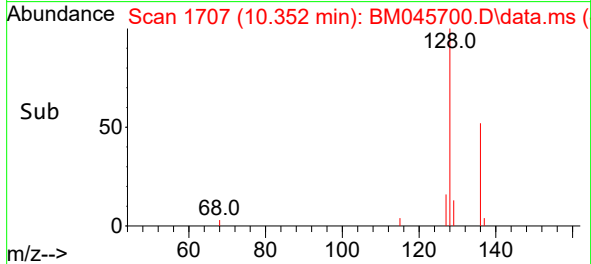
Instrument :
BNA_M
ClientSampleId :
E1CX6DL



Tgt Ion:128 Resp: 200
Ion Ratio Lower Upper
128 100
129 45.9 26.2 39.4
127 48.1 27.4 41.2

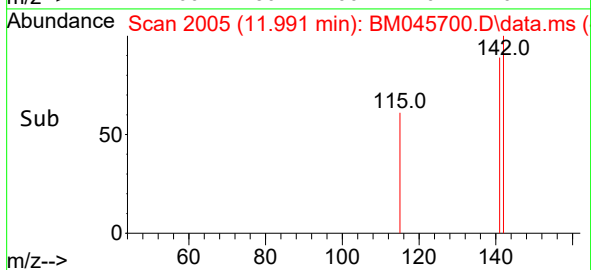
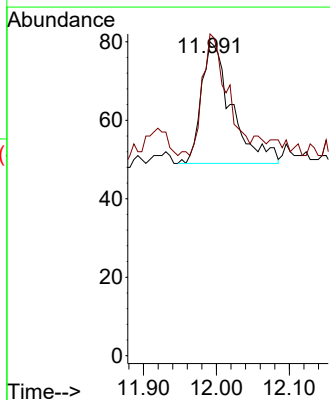
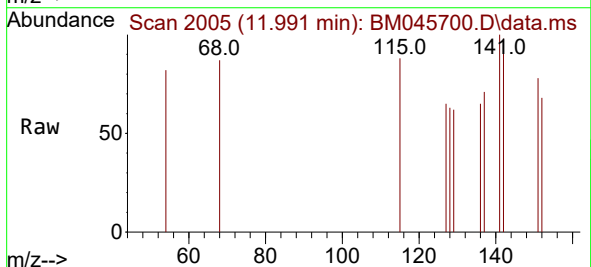
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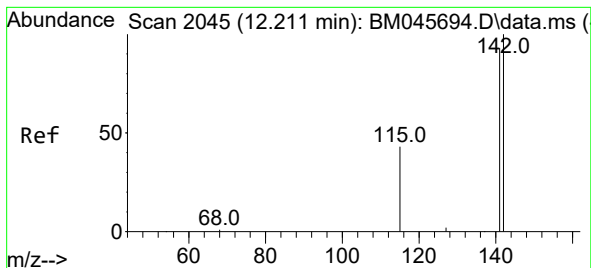
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.039 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
141 81.1 76.9 115.3





#8

1-Methylnaphthalene

Concen: 0.031 ng/ul m

RT: 12.200 min Scan# 2045

Delta R.T. -0.027 min

Lab File: BM045700.D

Acq: 03 May 2024 17:41

Instrument :

BNA_M

ClientSampleId :

E1CX6DL

Tgt Ion:142 Resp: 51

Ion Ratio Lower Upper

142 100

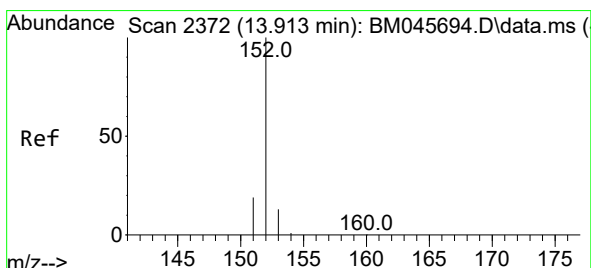
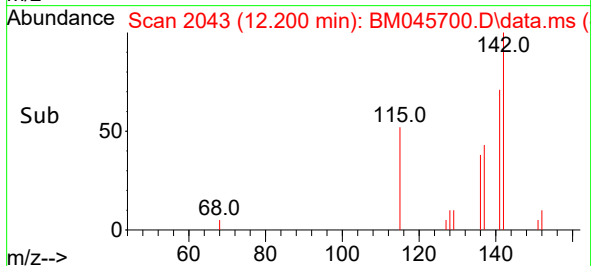
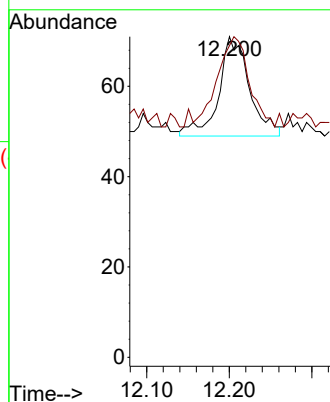
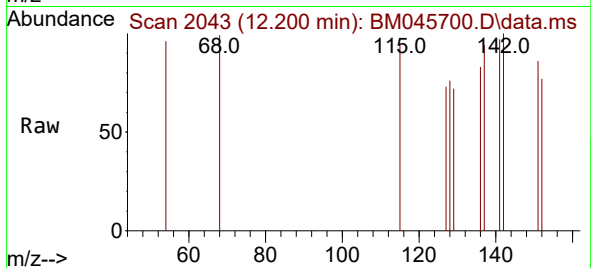
141 3.5 79.4 119.2

Manual Integrations

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Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#10

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.896 min Scan# 2368

Delta R.T. -0.032 min

Lab File: BM045700.D

Acq: 03 May 2024 17:41

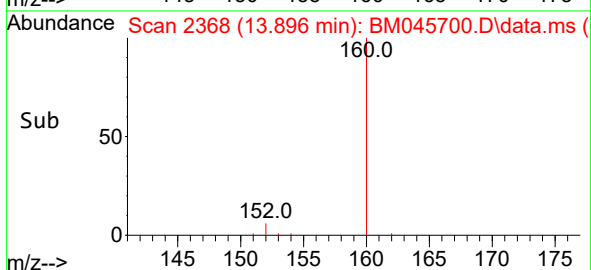
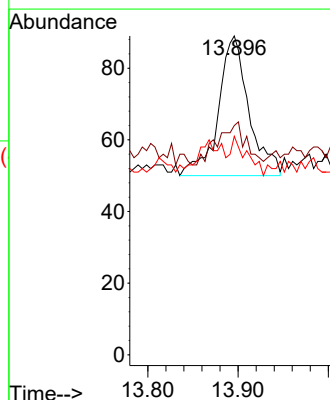
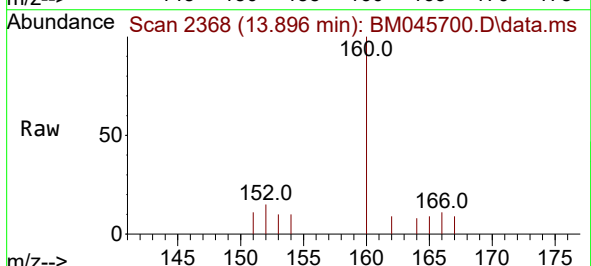
Tgt Ion:152 Resp: 92

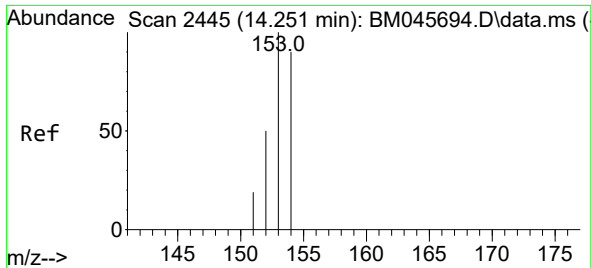
Ion Ratio Lower Upper

152 100

151 71.9 25.0 37.4#

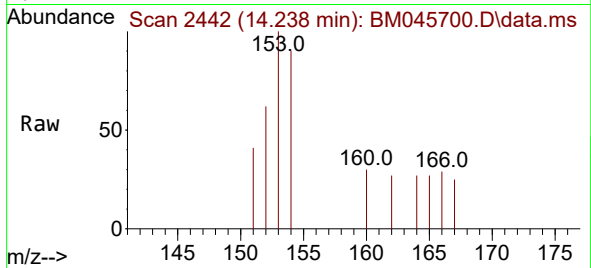
153 68.5 19.6 29.4#





#11
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.238 min Scan# 2442
Delta R.T. -0.023 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

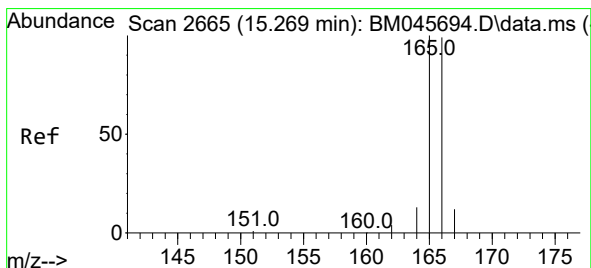
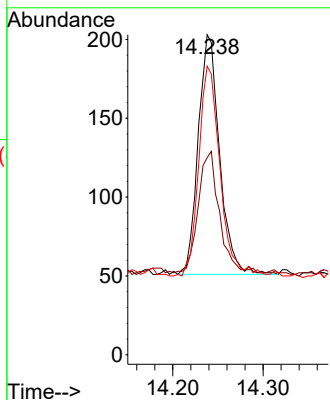
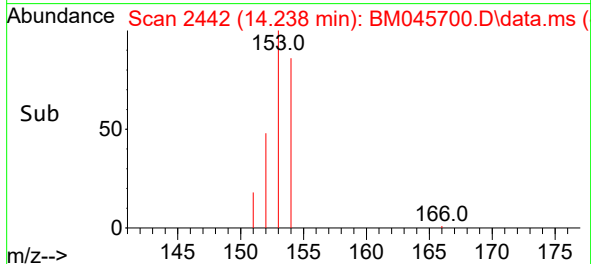
Instrument :
BNA_M
ClientSampleId :
E1CX6DL



Tgt Ion:153 Resp: 250
Ion Ratio Lower Upper
153 100
152 61.6 45.1 67.7
154 90.1 67.6 101.4

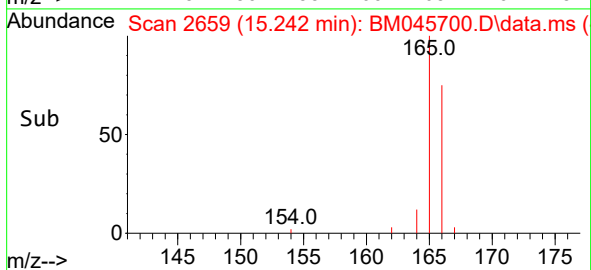
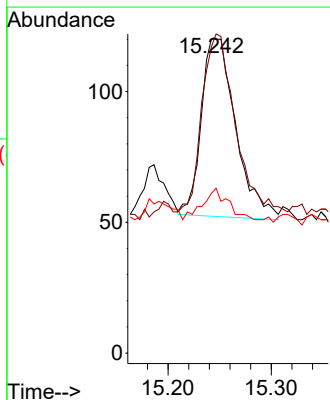
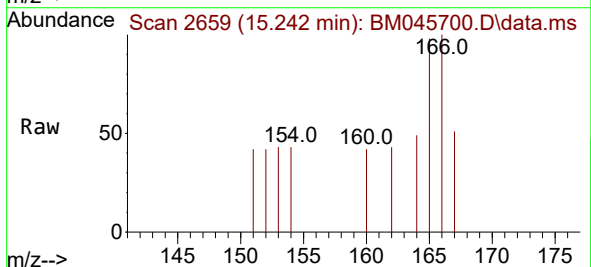
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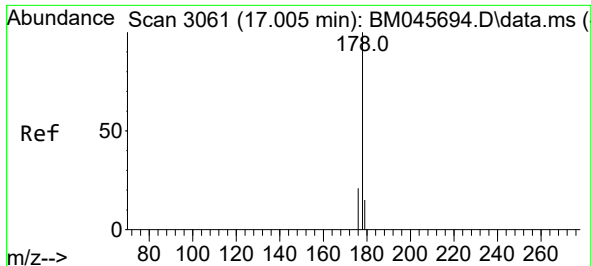
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.242 min Scan# 2659
Delta R.T. -0.042 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

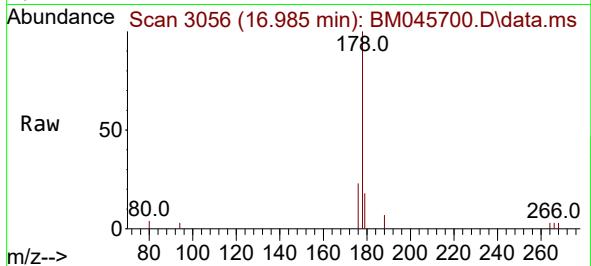
Tgt Ion:166 Resp: 158
Ion Ratio Lower Upper
166 100
165 97.5 77.5 116.3
167 50.8 21.8 32.6#





#15
Phenanthrene
Concen: 0.664 ng/ul
RT: 16.985 min Scan# 3061
Delta R.T. -0.038 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

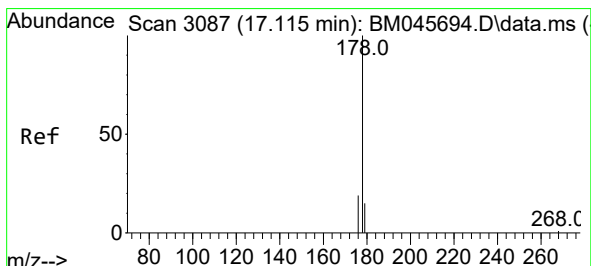
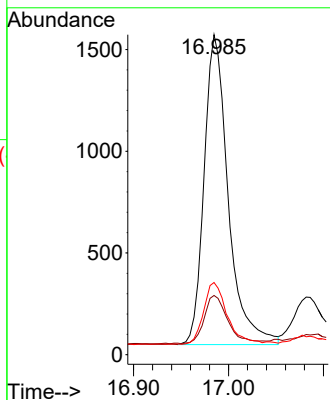
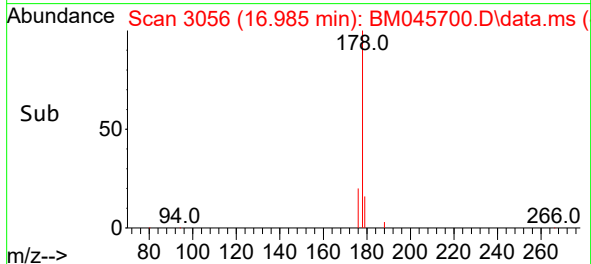
Instrument :
BNA_M
ClientSampleId :
E1CX6DL



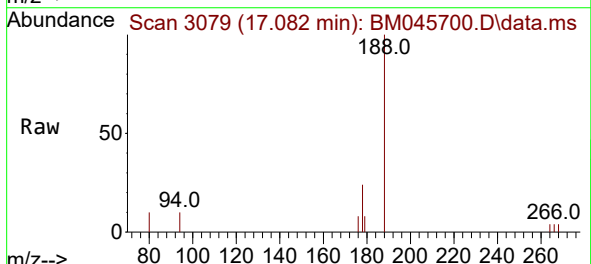
Tgt Ion:178 Resp: 269
Ion Ratio Lower Upper
178 100
179 18.5 18.3 27.5
176 22.6 21.8 32.6

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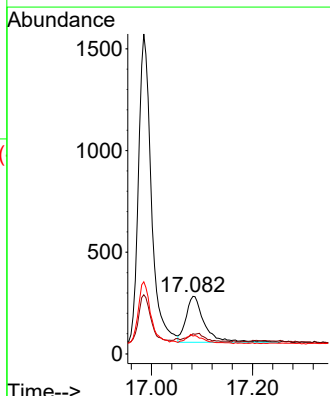
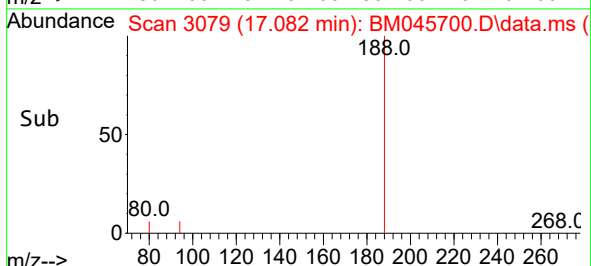
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

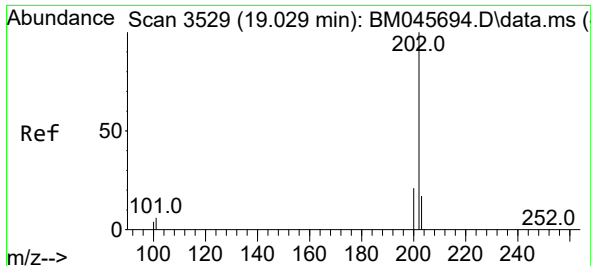


#16
Anthracene
Concen: 0.143 ng/ul
RT: 17.082 min Scan# 3079
Delta R.T. -0.046 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41



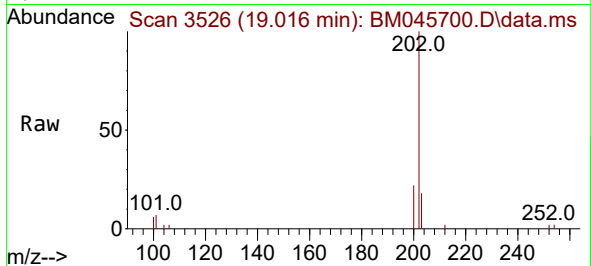
Tgt Ion:178 Resp: 563
Ion Ratio Lower Upper
178 100
179 35.0 20.9 31.3#
176 31.1 22.9 34.3





#19
Fluoranthene
Concen: 0.856 ng/ul
RT: 19.016 min Scan# 3529
Delta R.T. -0.028 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

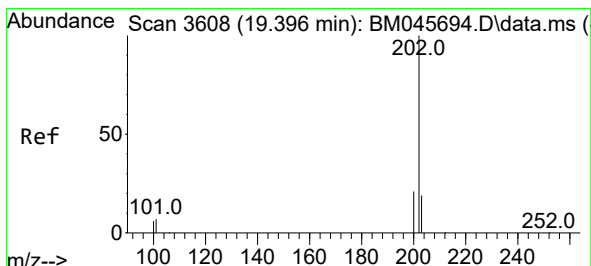
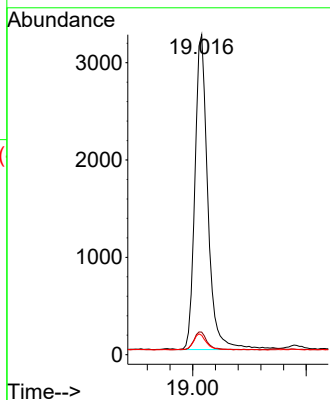
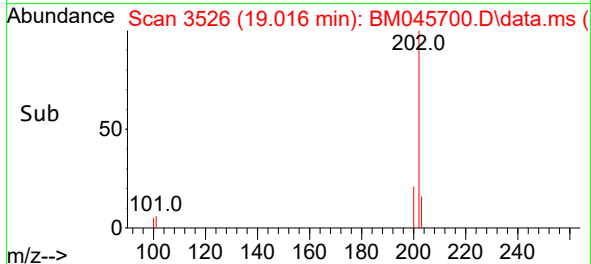
Instrument :
BNA_M
ClientSampleId :
E1CX6DL



Tgt Ion:202 Resp: 5109
Ion Ratio Lower Upper
202 100
101 7.0 10.1 15.1#
100 6.1 9.4 14.0#

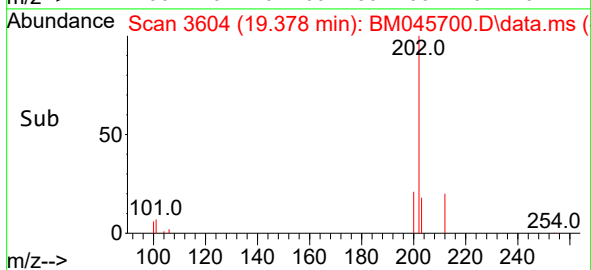
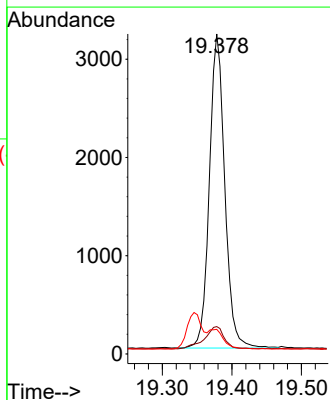
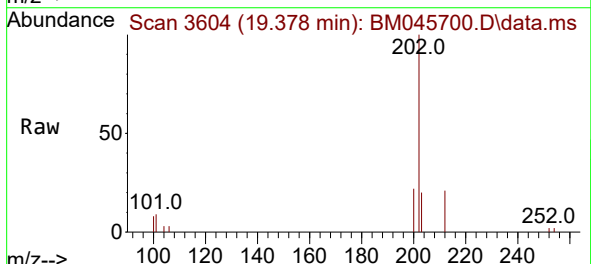
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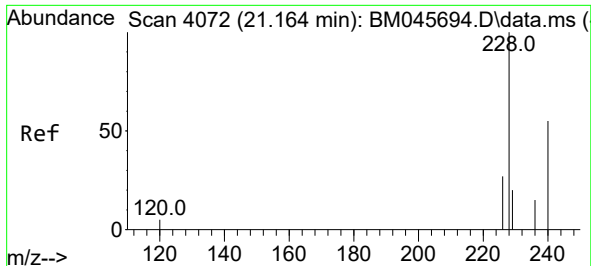
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#20
Pyrene
Concen: 0.775 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.033 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

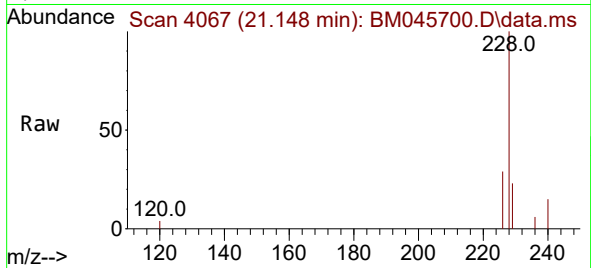
Tgt Ion:202 Resp: 4923
Ion Ratio Lower Upper
202 100
101 8.5 10.7 16.1#
100 7.7 9.8 14.8#





#21
Benzo(a)anthracene
Concen: 0.760 ng/ul
RT: 21.148 min Scan# 4067
Delta R.T. -0.029 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

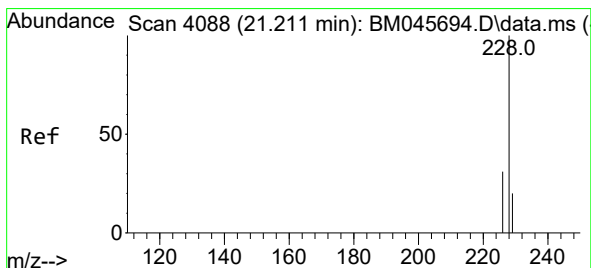
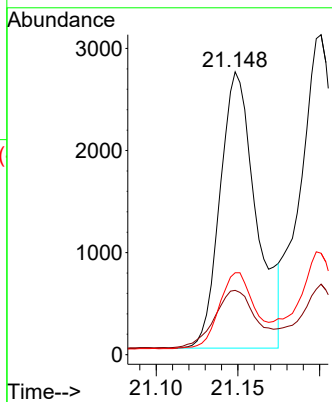
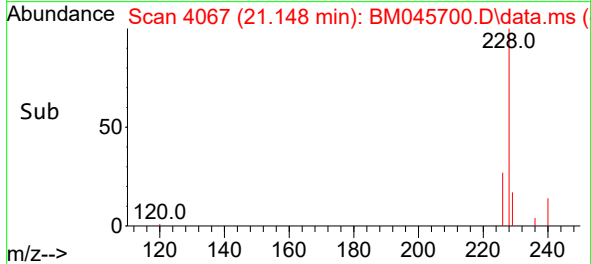
Instrument :
BNA_M
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E1CX6DL



Tgt Ion:228 Resp: 4169
Ion Ratio Lower Upper
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229 22.7 21.3 31.9
226 29.0 25.5 38.3

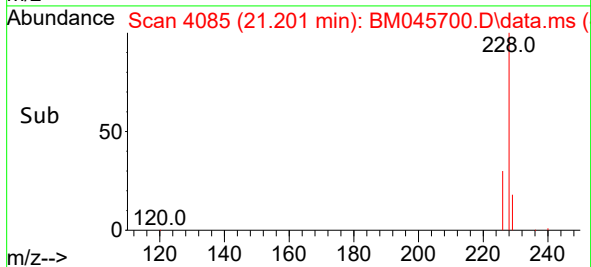
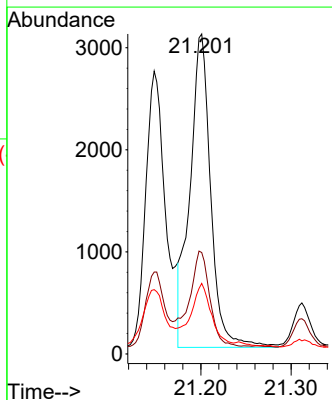
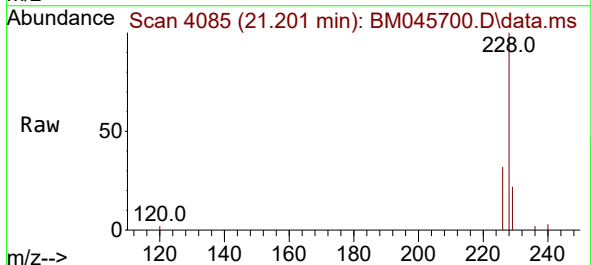
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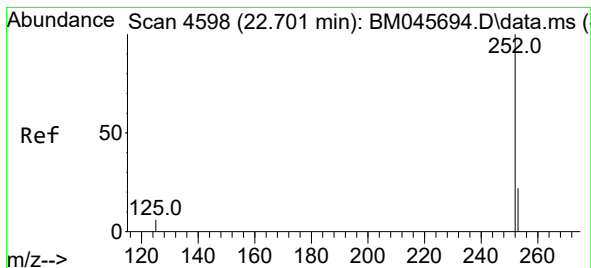
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Chrysene
Concen: 0.634 ng/ul
RT: 21.201 min Scan# 4085
Delta R.T. -0.023 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

Tgt Ion:228 Resp: 4921
Ion Ratio Lower Upper
228 100
226 31.7 27.7 41.5
229 22.1 19.7 29.5





#24

Benzo(b)fluoranthene

Concen: 1.755 ng/ul m

RT: 22.685 min Scan# 4

Delta R.T. -0.035 min

Lab File: BM045700.D

Acq: 03 May 2024 17:41

Instrument :

BNA_M

ClientSampleId :

E1CX6DL

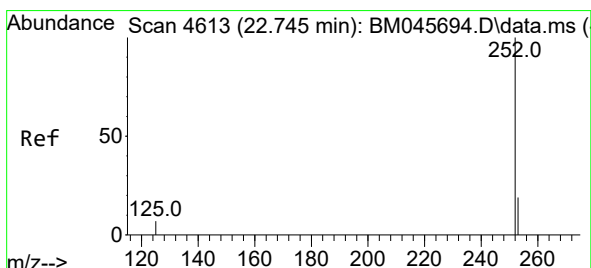
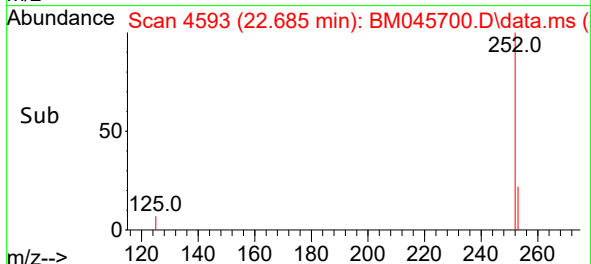
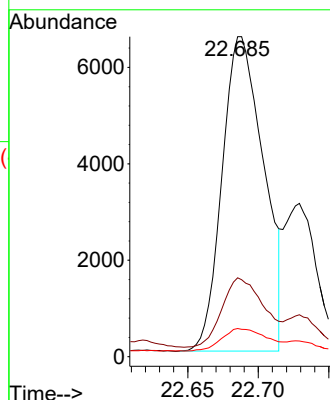
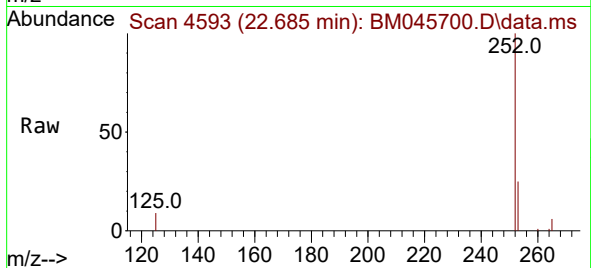
Tgt Ion:252 Resp: 13350
 Ion Ratio Lower Upper
 252 100
 253 24.6 0.0 67.2
 125 8.8 0.0 28.0

Manual Integrations

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Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#25

Benzo(k)fluoranthene

Concen: 0.492 ng/ul m

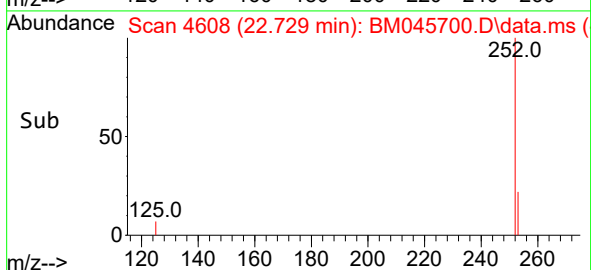
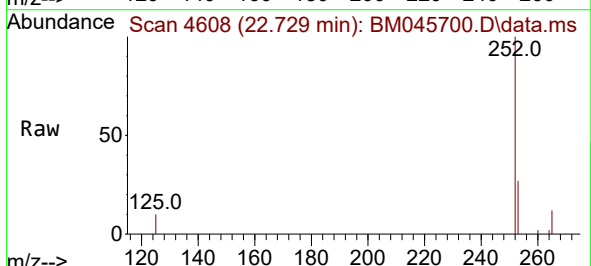
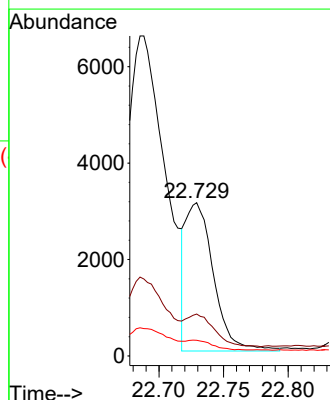
RT: 22.729 min Scan# 4608

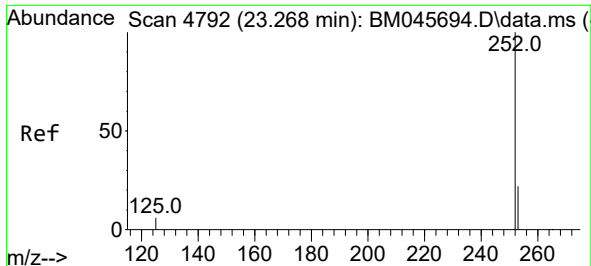
Delta R.T. -0.035 min

Lab File: BM045700.D

Acq: 03 May 2024 17:41

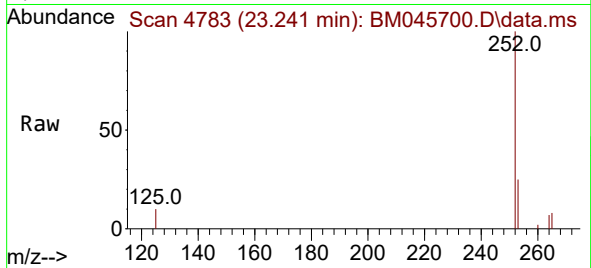
Tgt Ion:252 Resp: 4633
 Ion Ratio Lower Upper
 252 100
 253 27.3 27.8 41.6#
 125 10.2 11.9 17.9#





#26
Benzo(a)pyrene
Concen: 1.298 ng/ul
RT: 23.241 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

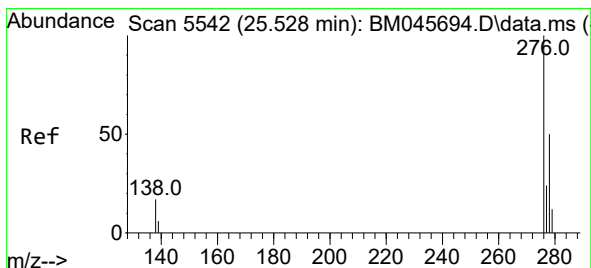
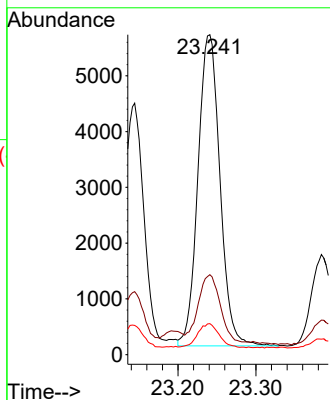
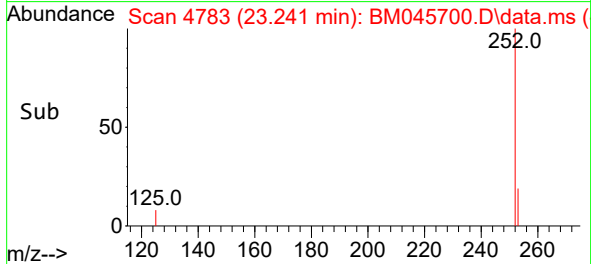
Instrument :
BNA_M
ClientSampleId :
E1CX6DL



Tgt Ion:252 Resp: 1094
Ion Ratio Lower Upper
252 100
253 25.0 31.7 47.5
125 9.7 15.8 23.6

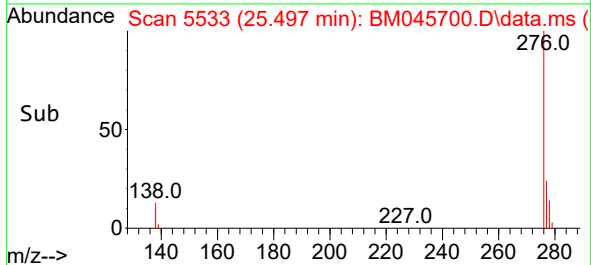
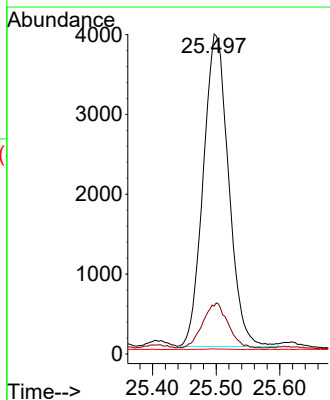
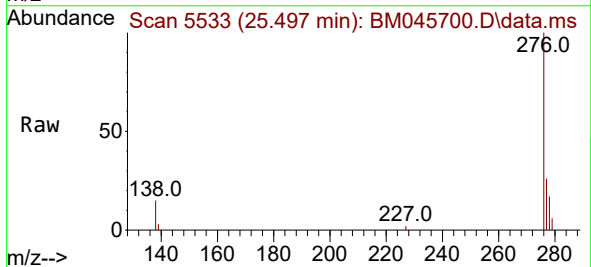
Manual Integrations
APPROVED

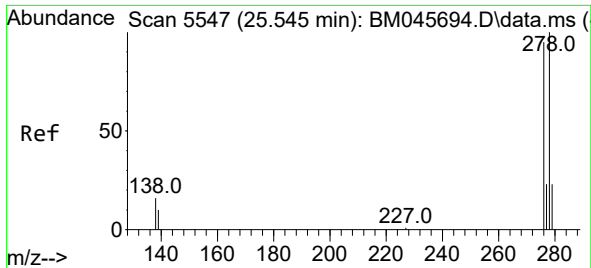
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.932 ng/ul
RT: 25.497 min Scan# 5533
Delta R.T. -0.070 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

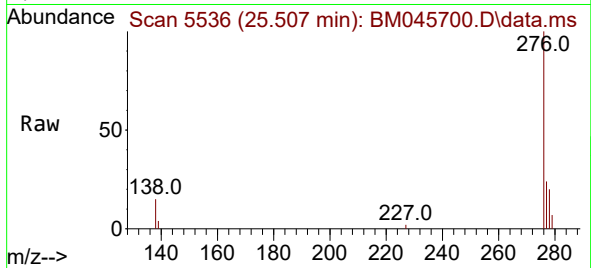
Tgt Ion:276 Resp: 10823
Ion Ratio Lower Upper
276 100
138 14.3 13.1 19.7
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.251 ng/ul
RT: 25.507 min Scan# 5536
Delta R.T. -0.081 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

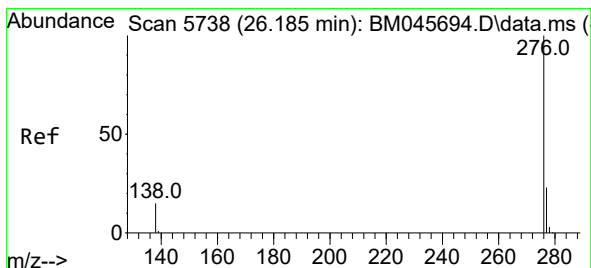
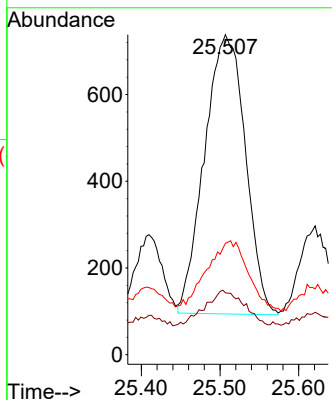
Instrument :
BNA_M
ClientSampleId :
E1CX6DL



Tgt Ion:278 Resp: 232
Ion Ratio Lower Upper
278 100
139 19.4 16.9 25.3
279 34.8 31.8 47.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#29
Benzo(g,h,i)perylene
Concen: 1.187 ng/ul
RT: 26.161 min Scan# 5731
Delta R.T. -0.064 min
Lab File: BM045700.D
Acq: 03 May 2024 17:41

Tgt Ion:276 Resp: 12225
Ion Ratio Lower Upper
276 100
138 16.5 18.8 28.2#
277 24.9 27.1 40.7#

