

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041030.D
 Acq On : 21 Jul 2023 23:08
 Operator : MA/JU
 Sample : 03444-14DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 23:51:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	15916	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	9171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	19197	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	12661	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	11010	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	1494	0.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	1115	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	2233	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	12522	0.288	ng/ul	99
7) 2-Methylnaphthalene	12.341	142	2937	0.123	ng/ul	97
8) 1-Methylnaphthalene	12.555	142	2160	0.085	ng/ul	100
10) Acenaphthylene	14.236	152	2763	0.072	ng/ul#	89
11) Acenaphthene	14.578	153	8091	0.239	ng/ul	98
12) Fluorene	15.573	166	9243	0.264	ng/ul	99
15) Phenanthrene	17.312	178	109121	1.902	ng/ul	98
16) Anthracene	17.405	178	13308	0.298	ng/ul	96
19) Fluoranthene	19.329	202	116715	1.785	ng/ul	96
20) Pyrene	19.696	202	64548	0.967	ng/ul	94
21) Benzo(a)anthracene	21.445	228	29689	0.770	ng/ul	99
22) Chrysene	21.498	228	29038	0.659	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	32767	0.775	ng/ul	91
25) Benzo(k)fluoranthene	23.167	252	13604m	0.339	ng/ul	
26) Benzo(a)pyrene	23.746	252	5424	0.149	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.327	276	9137	0.189	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.337	278	3113	0.085	ng/ul#	79

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

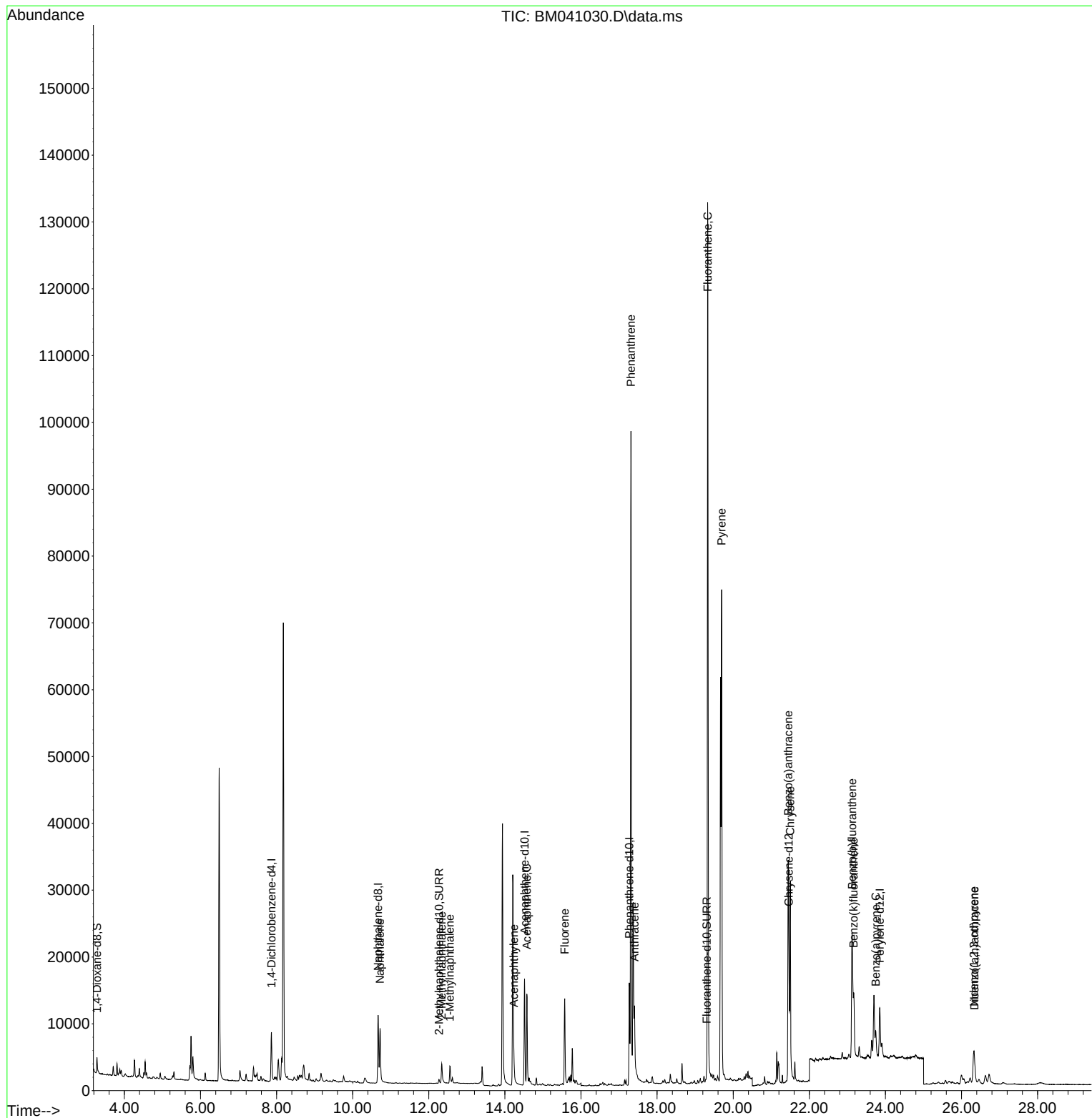
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041030.D
Acq On : 21 Jul 2023 23:08
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ALS Vial : 19 Sample Multiplier: 1

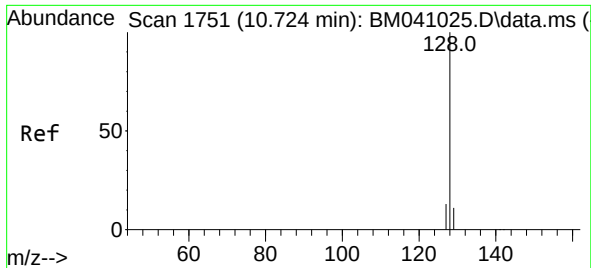
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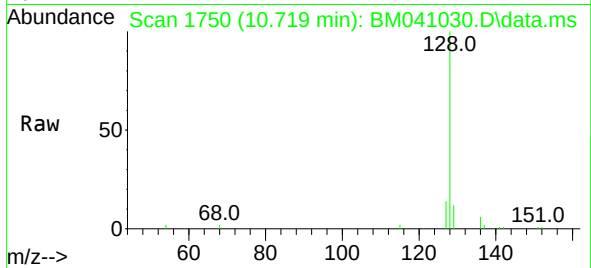
Quant Time: Jul 21 23:51:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.288 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

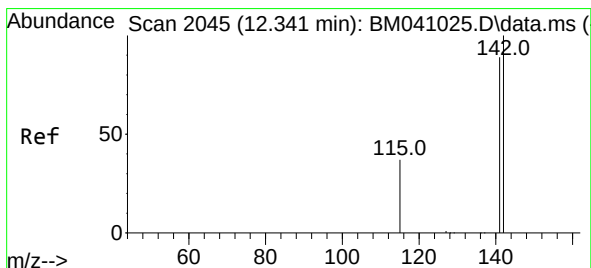
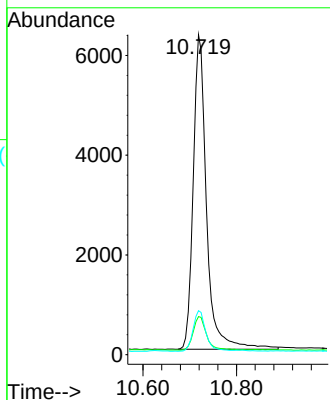
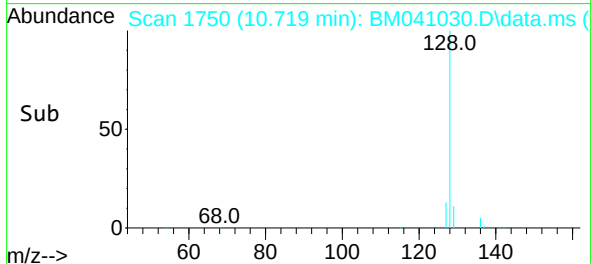
Instrument :
BNA_M
ClientSampleId :
A46T8DL



Tgt Ion:128 Resp: 1252
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.8
127 13.8 11.0 16.4

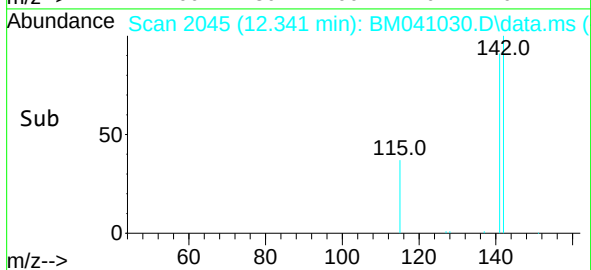
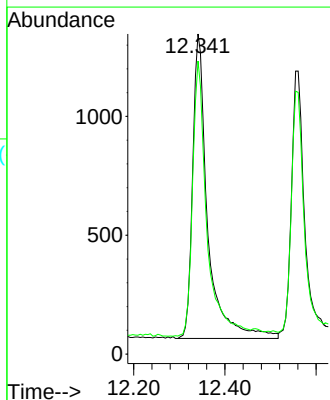
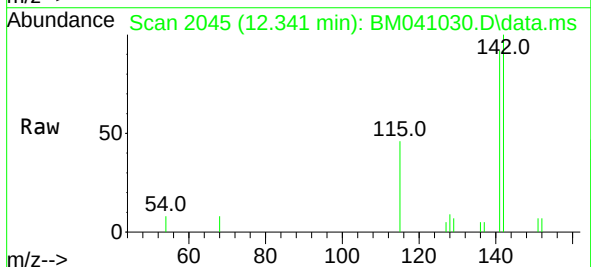
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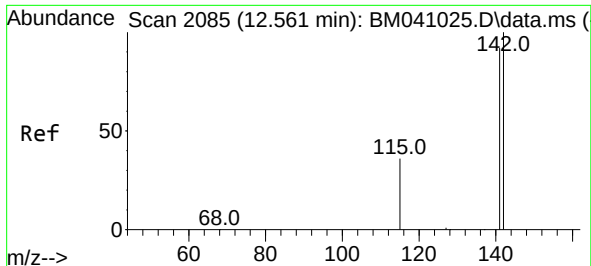
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

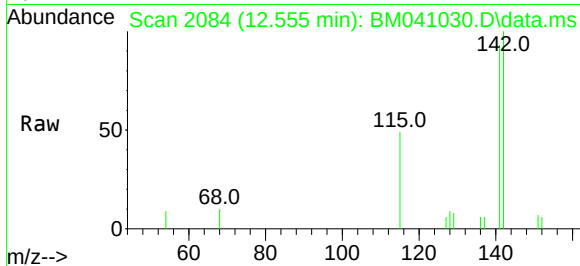
Tgt Ion:142 Resp: 2937
Ion Ratio Lower Upper
142 100
141 88.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.085 ng/u1
RT: 12.555 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

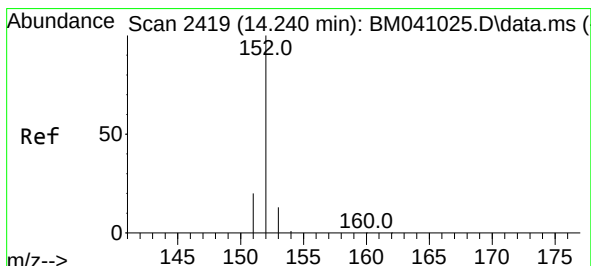
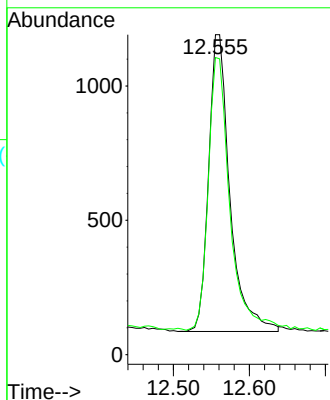
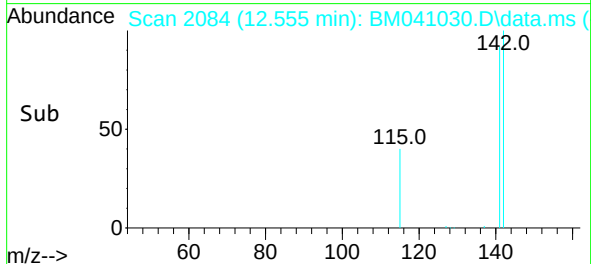
Instrument :
BNA_M
ClientSampleId :
A46T8DL



Tgt Ion:142 Resp: 2160
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2

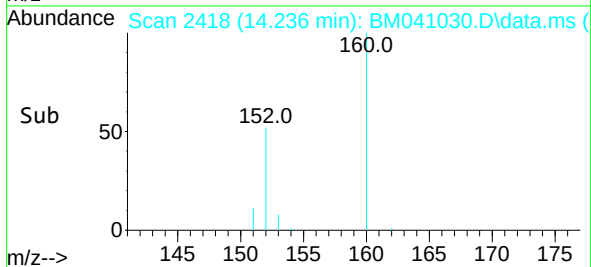
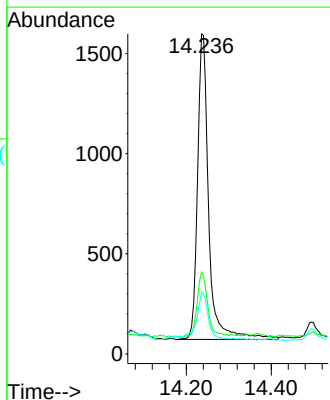
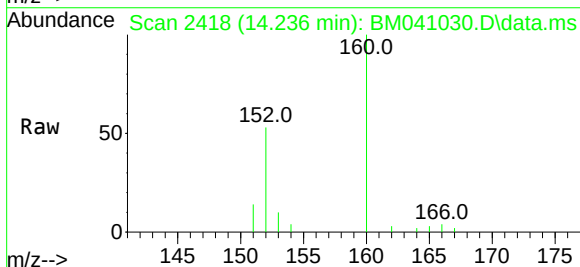
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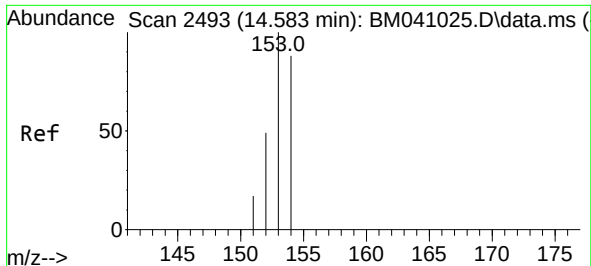
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

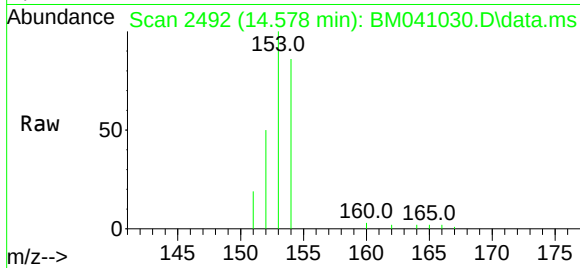
Tgt Ion:152 Resp: 2763
Ion Ratio Lower Upper
152 100
151 25.5 16.8 25.2#
153 19.4 11.6 17.4#





#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.578 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

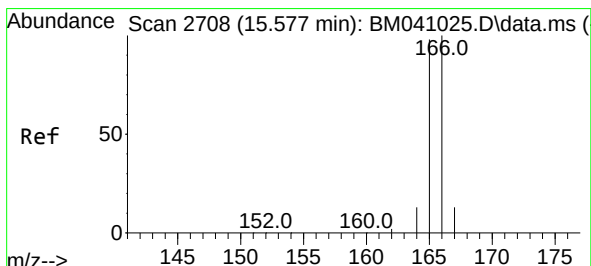
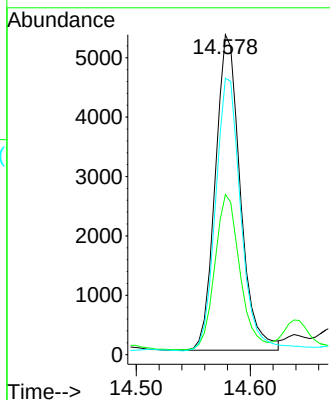
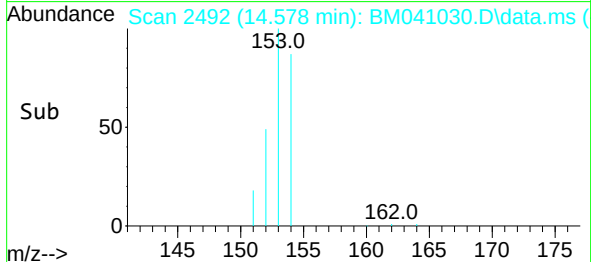
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 809
Ion Ratio Lower Upper
153 100
152 50.0 41.0 61.6
154 86.4 68.2 102.2

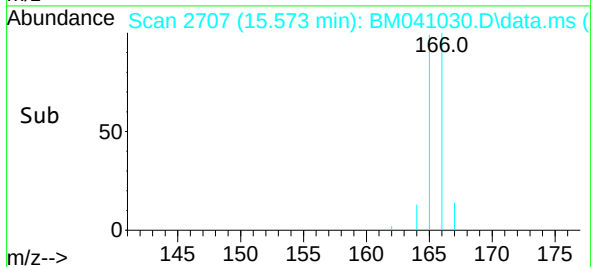
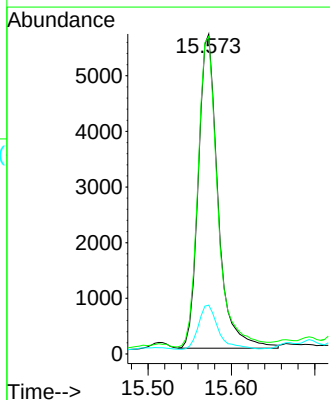
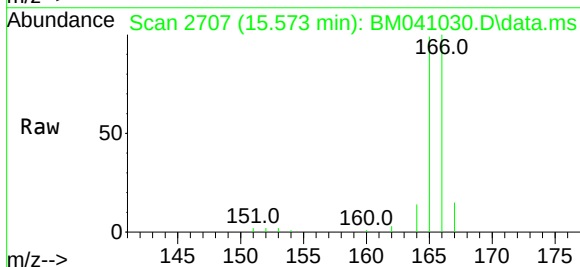
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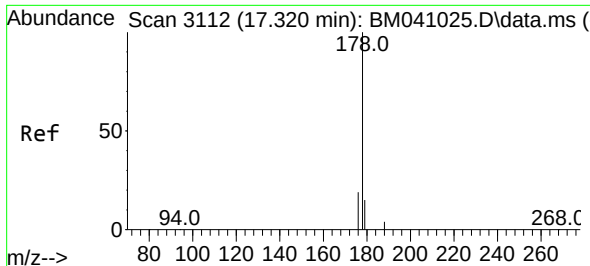
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

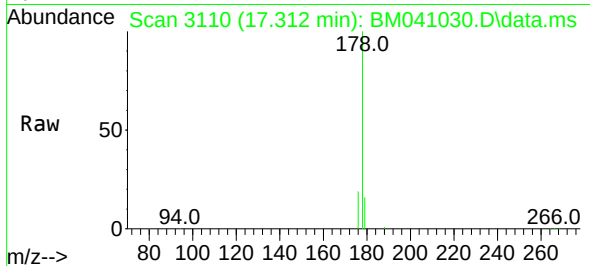
Tgt Ion:166 Resp: 9243
Ion Ratio Lower Upper
166 100
165 99.2 80.3 120.5
167 15.2 11.7 17.5





#15
Phenanthrene
Concen: 1.902 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

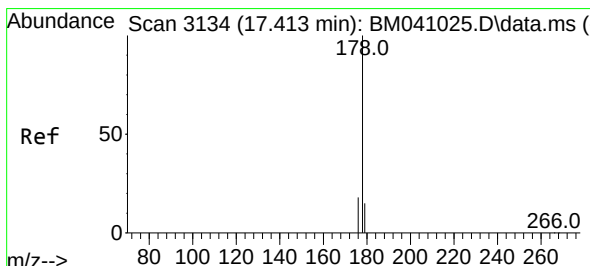
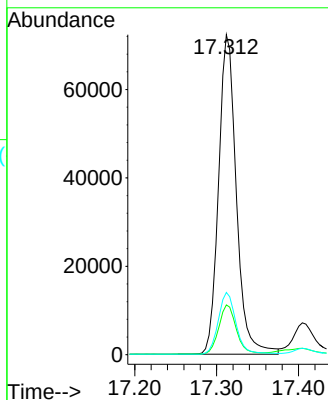
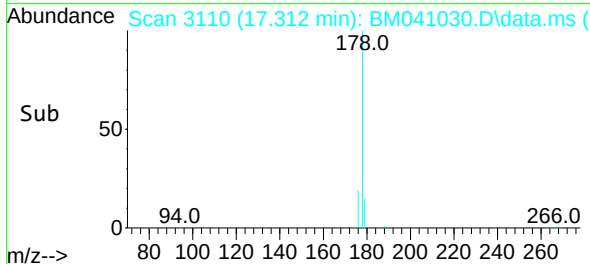
Instrument :
BNA_M
ClientSampleId :
A46T8DL



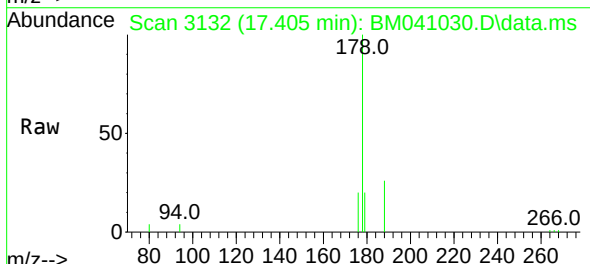
Tgt Ion:178 Resp: 10912
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 16.2 24.4

Manual Integrations
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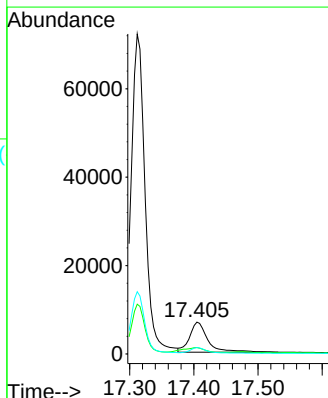
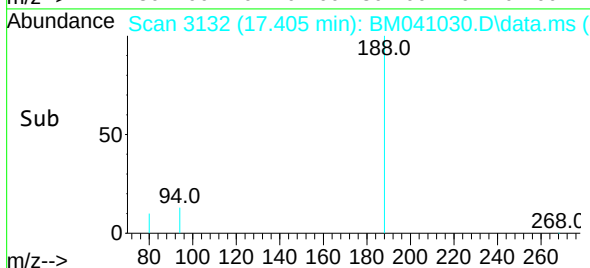
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Supervised By :mohammad ahmed 07/22/2023

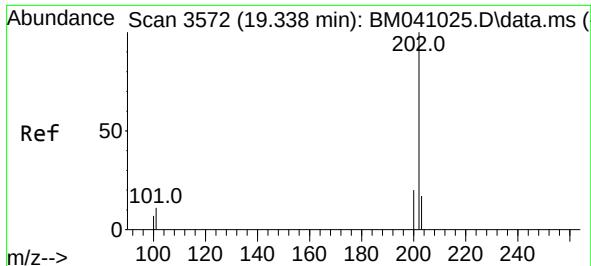


#16
Anthracene
Concen: 0.298 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08



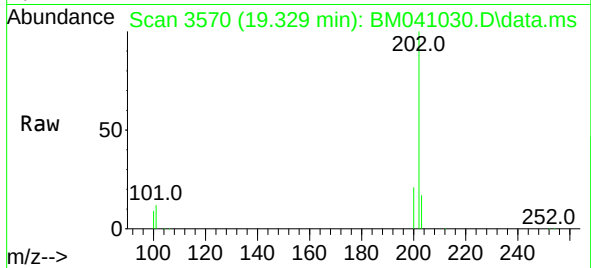
Tgt Ion:178 Resp: 13308
Ion Ratio Lower Upper
178 100
179 20.0 13.7 20.5
176 19.9 16.4 24.6





#19
Fluoranthene
Concen: 1.785 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. -0.009 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

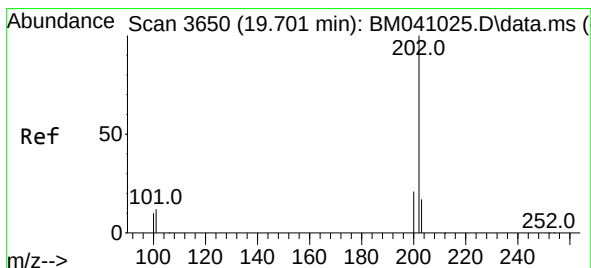
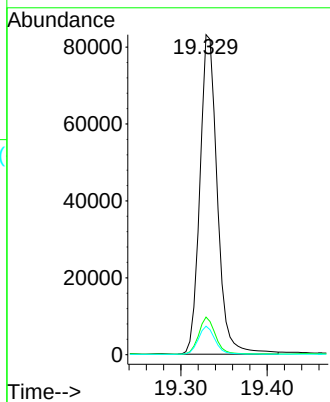
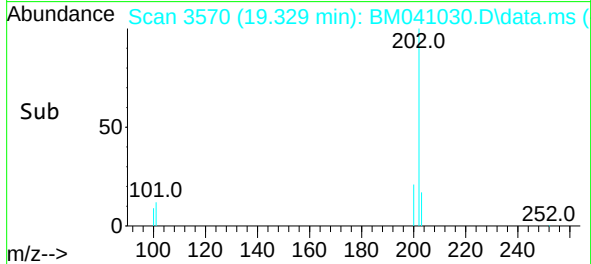
Instrument :
BNA_M
ClientSampleId :
A46T8DL



Tgt Ion:202 Resp: 11671
Ion Ratio Lower Upper
202 100
101 11.8 11.0 16.4
100 8.9 8.3 12.5

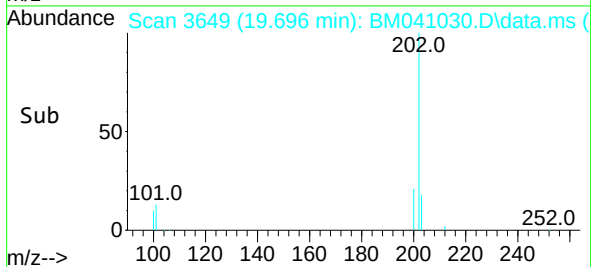
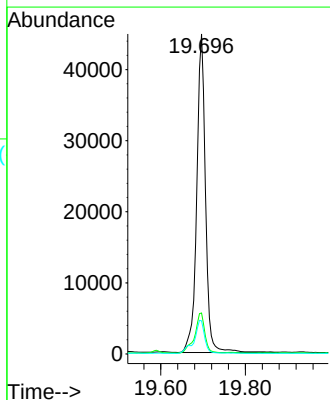
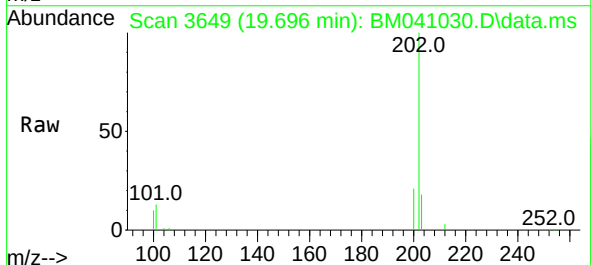
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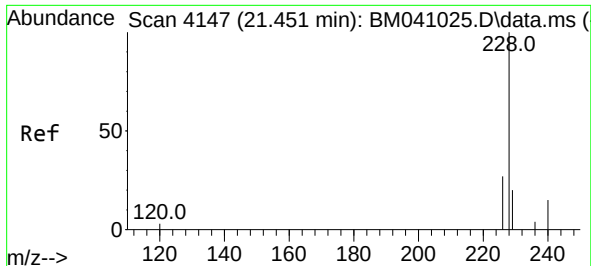
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 0.967 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

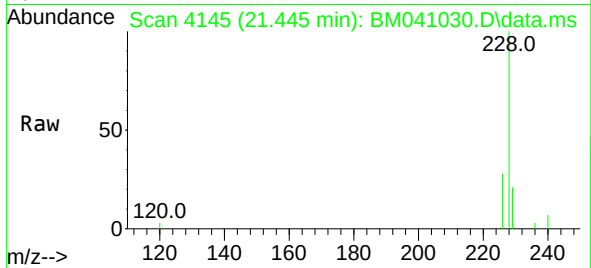
Tgt Ion:202 Resp: 64548
Ion Ratio Lower Upper
202 100
101 12.8 12.5 18.7
100 10.3 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.770 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

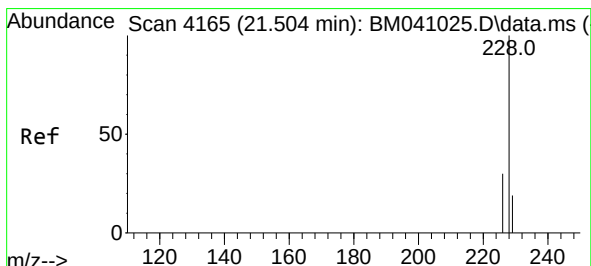
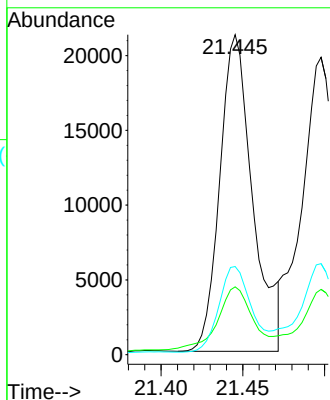
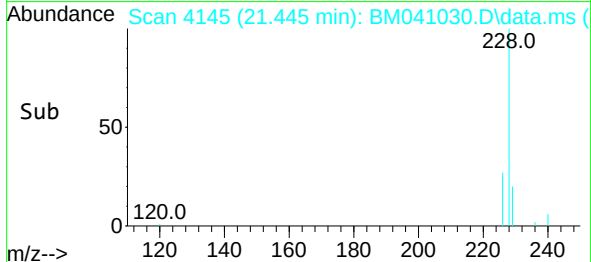
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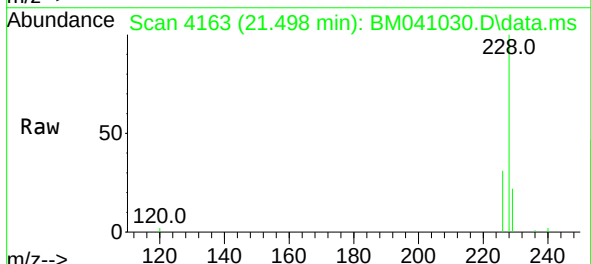
Tgt Ion:228 Resp: 29689
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.4
226 27.6 22.3 33.5

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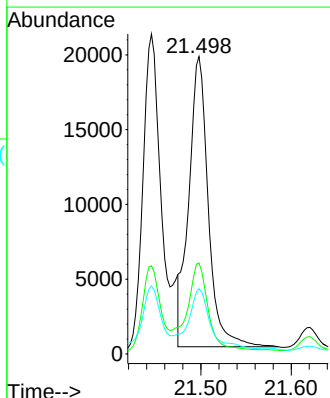
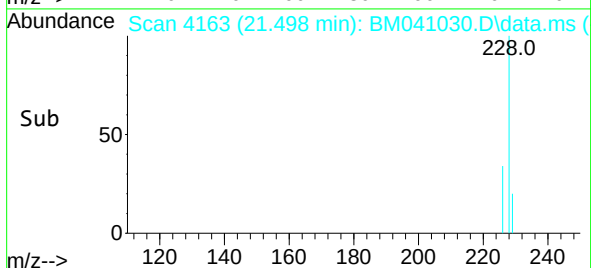
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

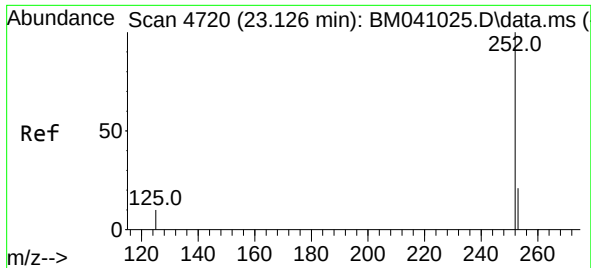


#22
Chrysene
Concen: 0.659 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08



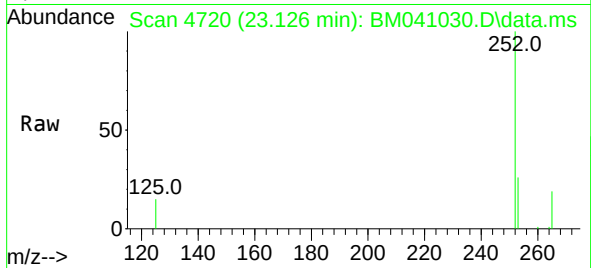
Tgt Ion:228 Resp: 29038
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.9 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.775 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

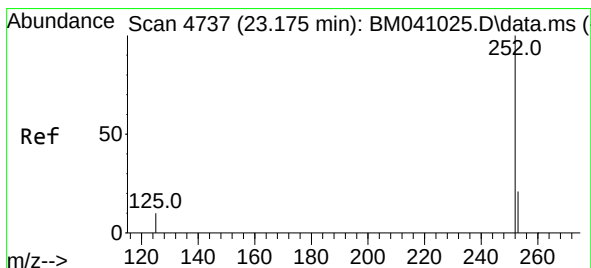
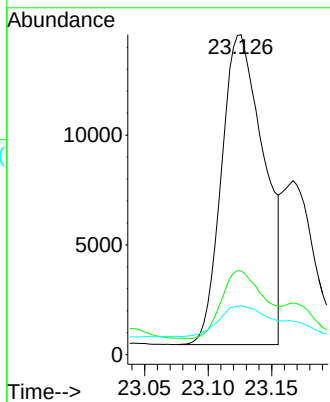
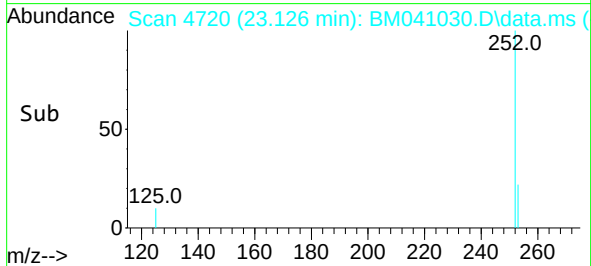
Instrument :
BNA_M
ClientSampleId :
A46T8DL



Tgt Ion:252 Resp: 3276
Ion Ratio Lower Upper
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253 26.1 0.0 57.4
125 15.2 0.0 45.2

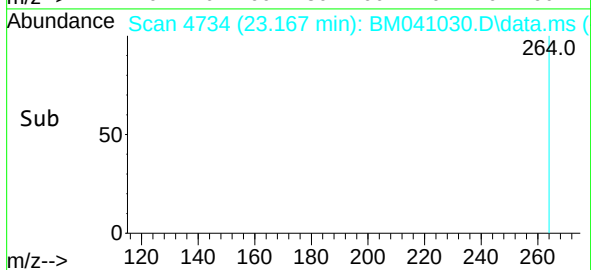
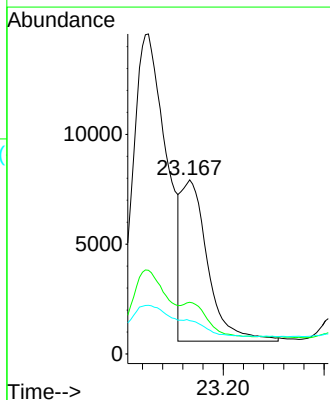
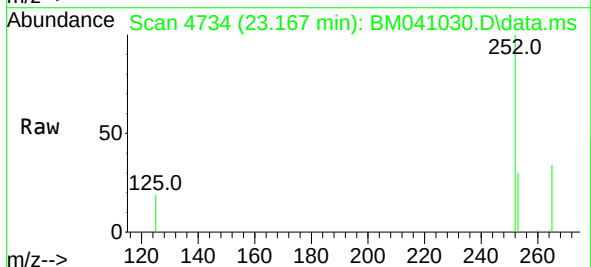
Manual Integrations
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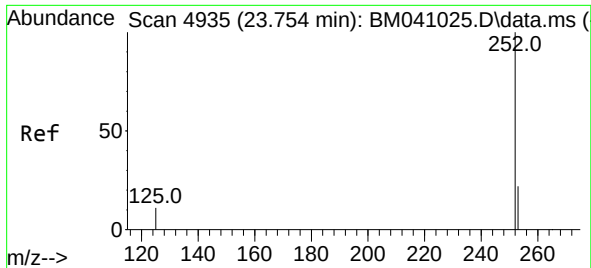
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

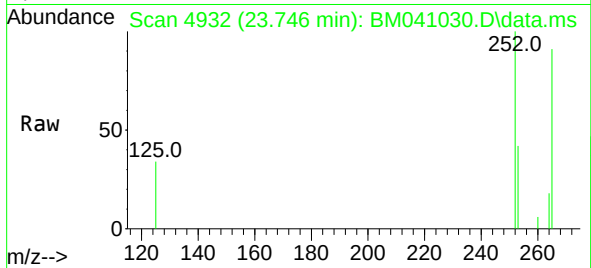
Tgt Ion:252 Resp: 13604
Ion Ratio Lower Upper
252 100
253 29.7 23.3 34.9
125 19.1 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.746 min Scan# 4935
Delta R.T. -0.012 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

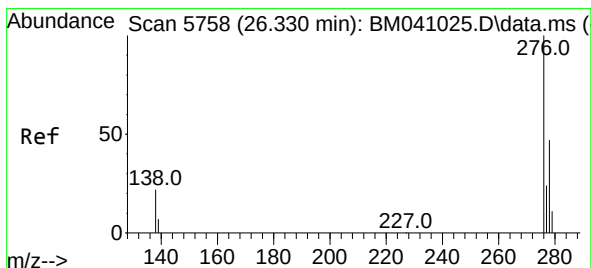
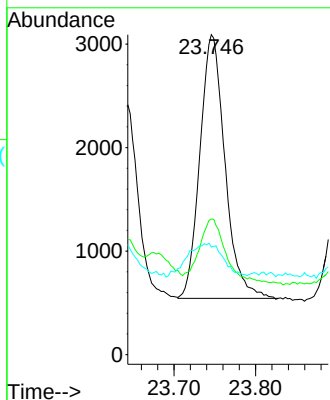
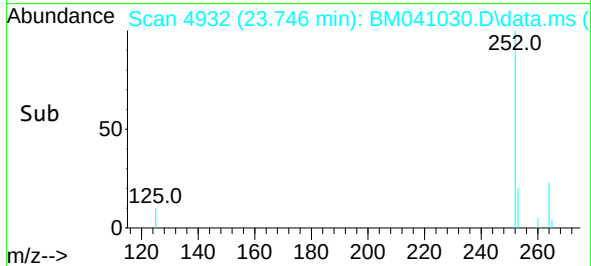
Instrument :
BNA_M
ClientSampleId :
A46T8DL



Tgt Ion:252 Resp: 5424
Ion Ratio Lower Upper
252 100
253 42.4 28.2 42.2#
125 33.6 25.2 37.8#

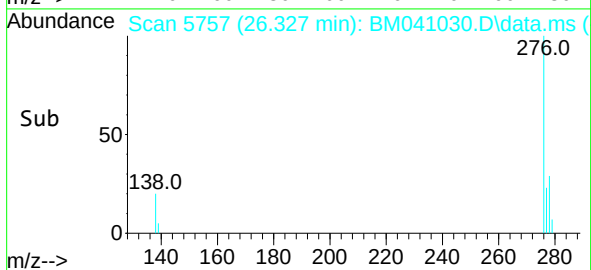
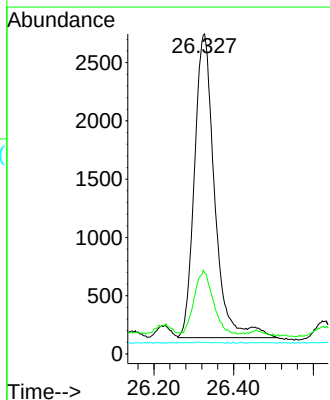
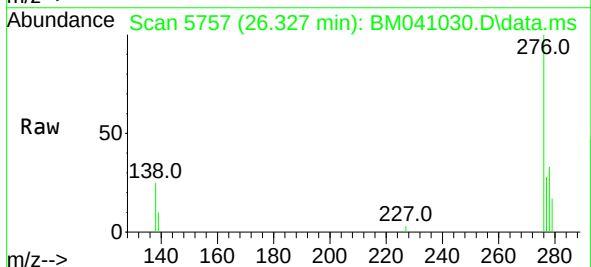
Manual Integrations
APPROVED

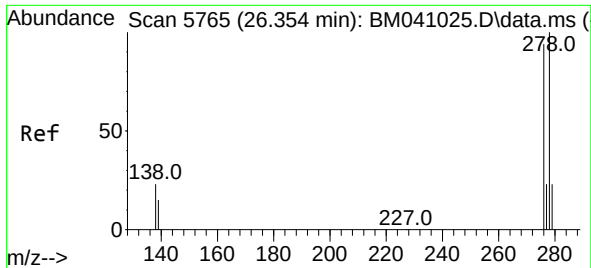
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

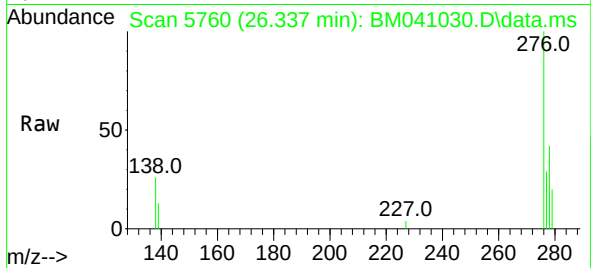
Tgt Ion:276 Resp: 9137
Ion Ratio Lower Upper
276 100
138 19.3 22.3 33.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.337 min Scan# 511
Delta R.T. -0.017 min
Lab File: BM041030.D
Acq: 21 Jul 2023 23:08

Instrument :
BNA_M
ClientSampleId :
A46T8DL



Tgt Ion:278 Resp: 311
Ion Ratio Lower Upper
278 100
139 30.5 19.2 28.8
279 48.7 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

