

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM041010.D
 Acq On : 21 Jul 2023 09:24
 Operator : MA/JU
 Sample : 03452-12RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46P0RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 09:53:55 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 : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3792	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	17346	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.513	164	6293	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.269	188	11960	0.400	ng/ul	-0.01
17) Chrysene-d12	21.463	240	7387	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	8285	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	22931	3.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	10416	0.451	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	11307	0.364	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.718	128	2555	0.054	ng/ul#	90
7) 2-Methylnaphthalene	12.335	142	661	0.025	ng/ul	99
10) Acenaphthylene	14.236	152	2618	0.099	ng/ul#	91
11) Acenaphthene	14.578	153	868	0.037	ng/ul	96
12) Fluorene	15.568	166	1956	0.081	ng/ul#	98
15) Phenanthrene	17.312	178	19740	0.552	ng/ul	100
16) Anthracene	17.400	178	3704	0.133	ng/ul#	94
19) Fluoranthene	19.334	202	48816	1.280	ng/ul	96
20) Pyrene	19.696	202	43300	1.111	ng/ul	97
21) Benzo(a)anthracene	21.448	228	15979	0.710	ng/ul	95
22) Chrysene	21.501	228	18254	0.710	ng/ul	94
24) Benzo(b)fluoranthene	23.126	252	20501	0.645	ng/ul	98
25) Benzo(k)fluoranthene	23.170	252	8953m	0.296	ng/ul	
26) Benzo(a)pyrene	23.746	252	11768	0.428	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.320	276	11518	0.316	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.334	278	2447	0.089	ng/ul#	68
29) Benzo(g,h,i)perylene	27.085	276	11831	0.351	ng/ul	99

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

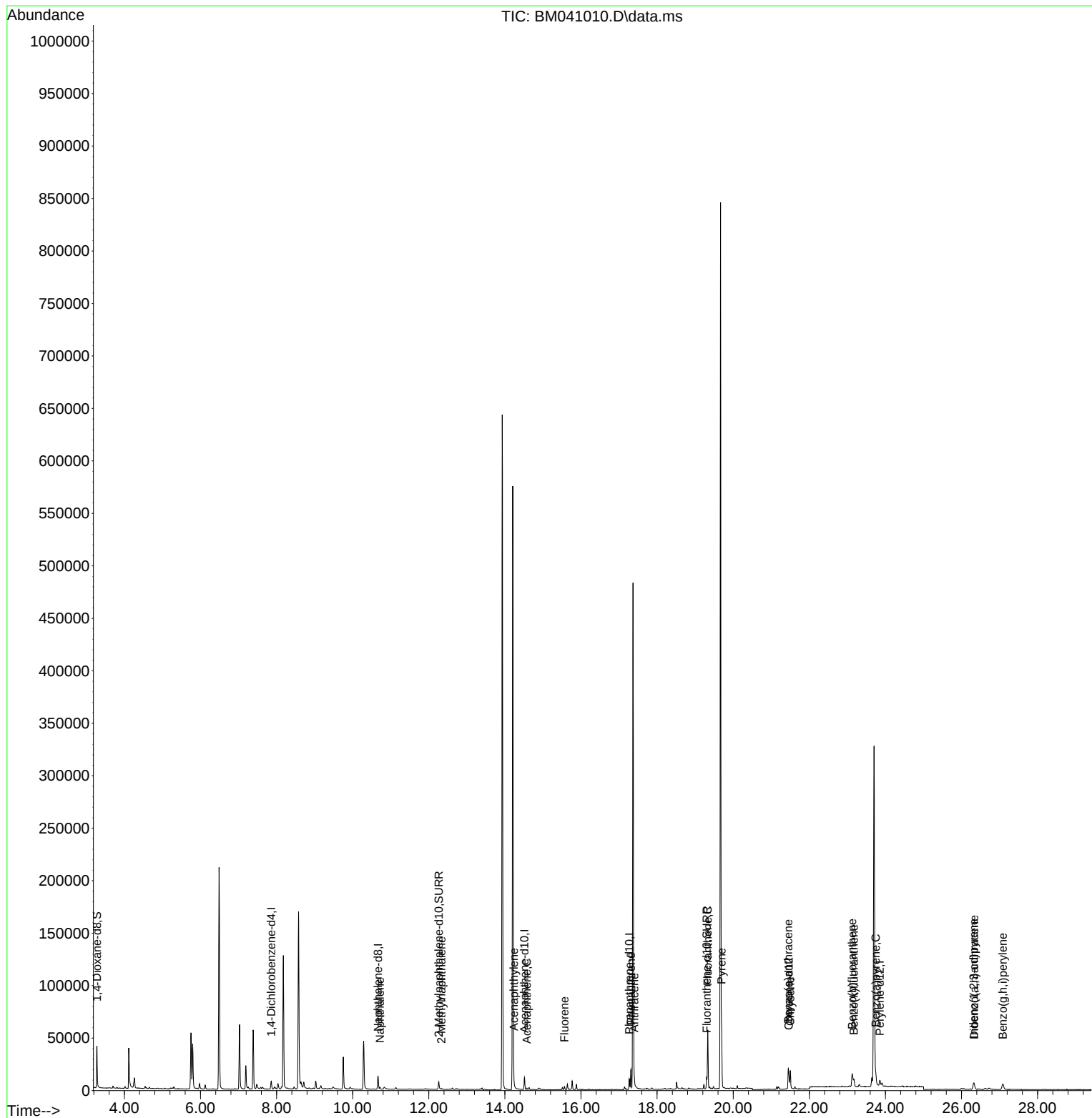
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041010.D
Acq On : 21 Jul 2023 09:24
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Sample : 03452-12RE
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ALS Vial : 42 Sample Multiplier: 1

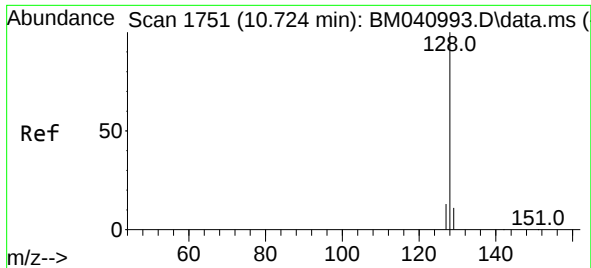
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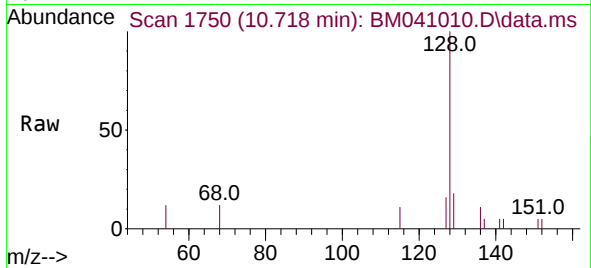
Quant Time: Jul 21 09:53:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.718 min Scan# 1751
Delta R.T. -0.011 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

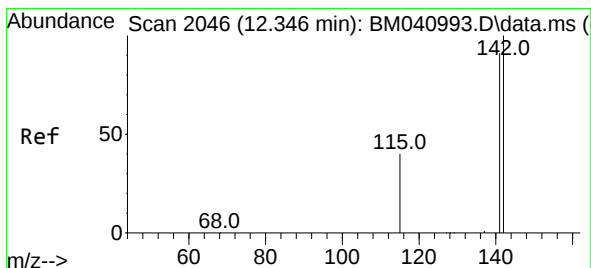
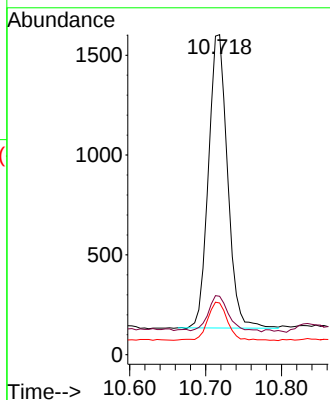
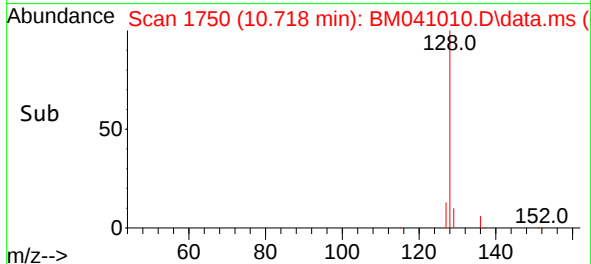
Instrument :
BNA_M
ClientSampleId :
A46P0RE



Tgt Ion:128 Resp: 255
Ion Ratio Lower Upper
128 100
129 18.3 9.8 14.8
127 16.2 11.0 16.4

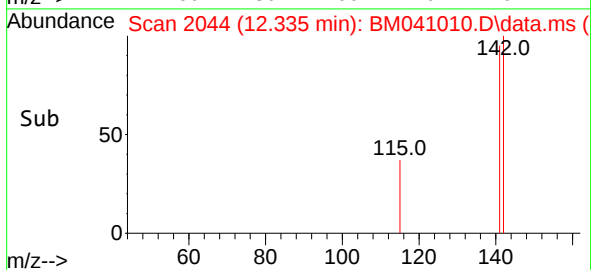
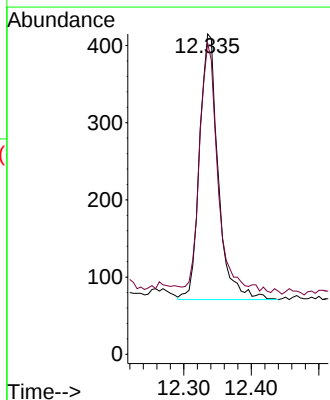
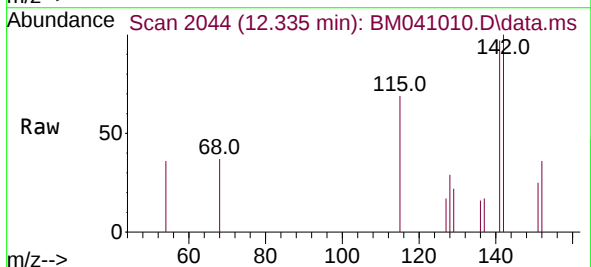
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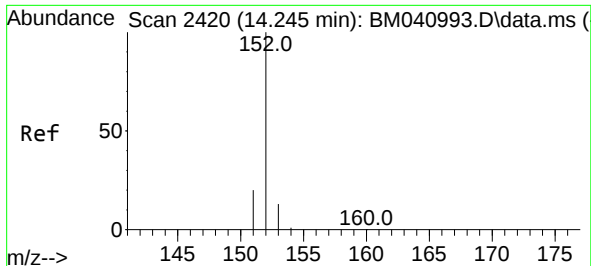
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.017 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

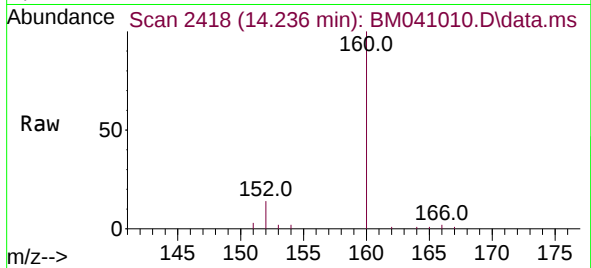
Tgt Ion:142 Resp: 661
Ion Ratio Lower Upper
142 100
141 92.4 73.2 109.8





#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

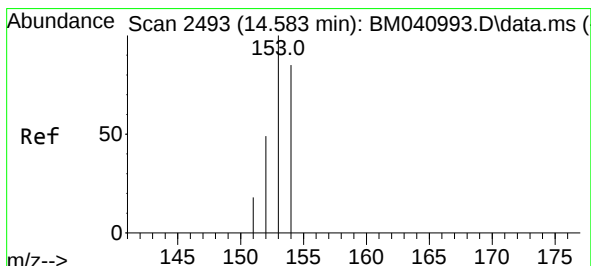
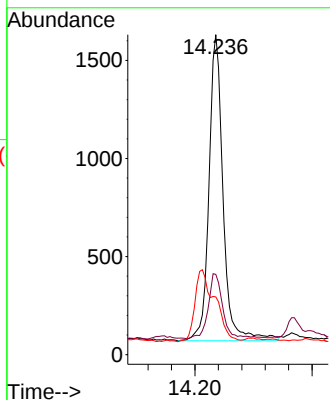
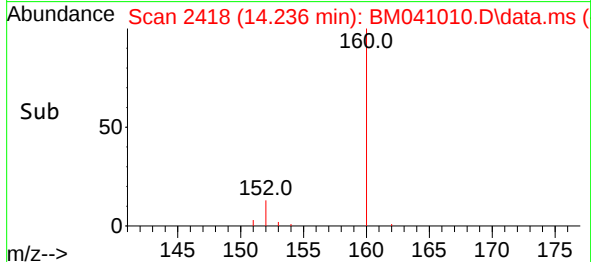
Instrument :
BNA_M
ClientSampleId :
A46P0RE



Tgt Ion:152 Resp: 2618
Ion Ratio Lower Upper
152 100
151 25.1 16.8 25.2
153 18.0 11.6 17.4

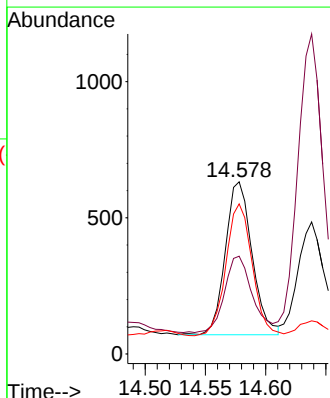
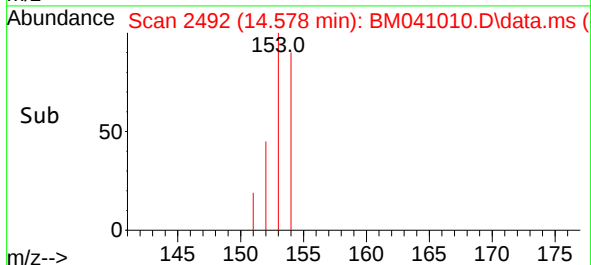
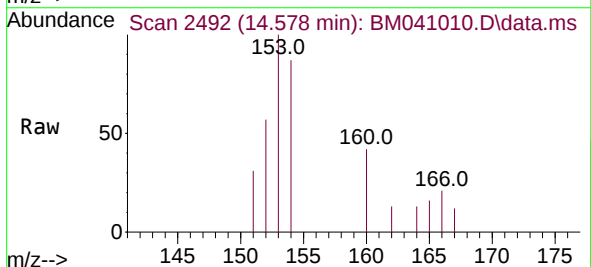
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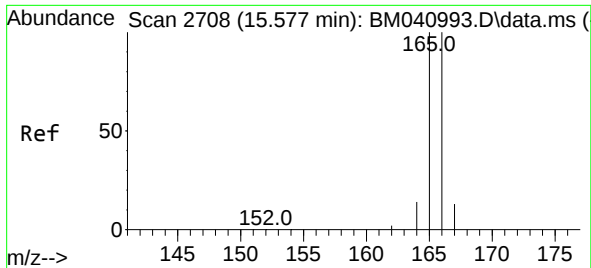
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

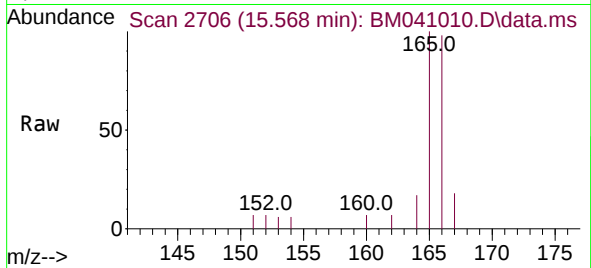
Tgt Ion:153 Resp: 868
Ion Ratio Lower Upper
153 100
152 56.8 41.0 61.6
154 87.2 68.2 102.2





#12
Fluorene
Concen: 0.081 ng/ul
RT: 15.568 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

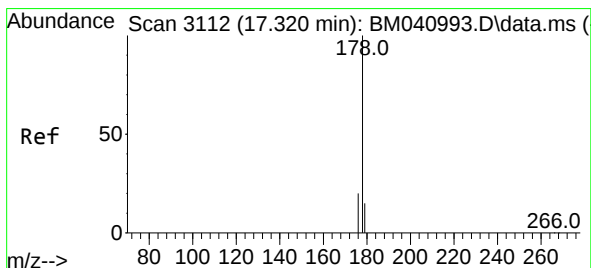
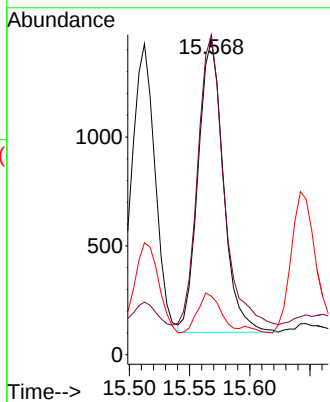
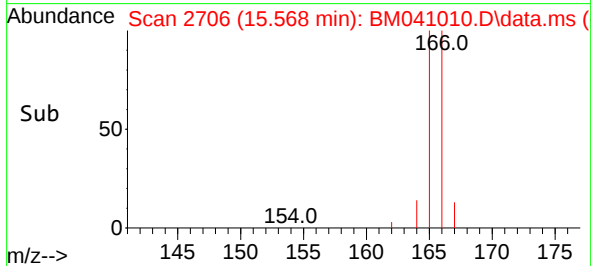
Instrument :
BNA_M
ClientSampleId :
A46P0RE



Tgt Ion:166 Resp: 1950
Ion Ratio Lower Upper
166 100
165 101.7 80.3 120.5
167 18.6 11.7 17.5

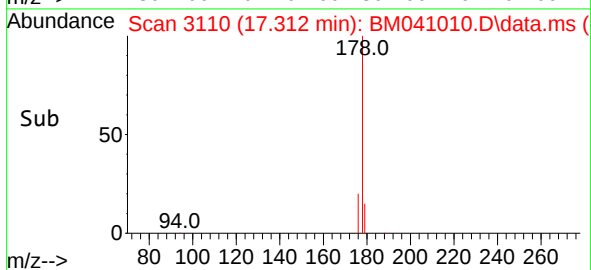
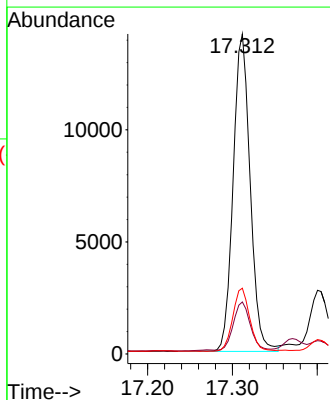
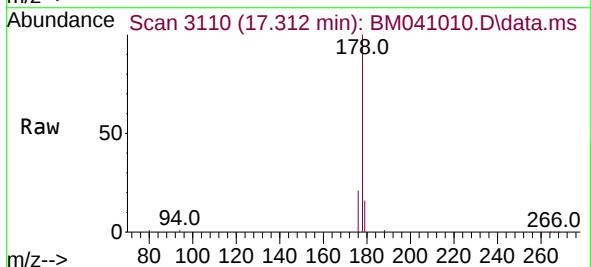
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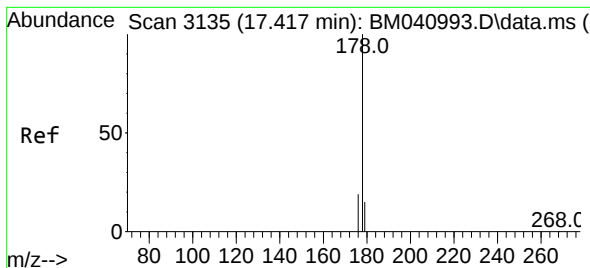
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#15
Phenanthrene
Concen: 0.552 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

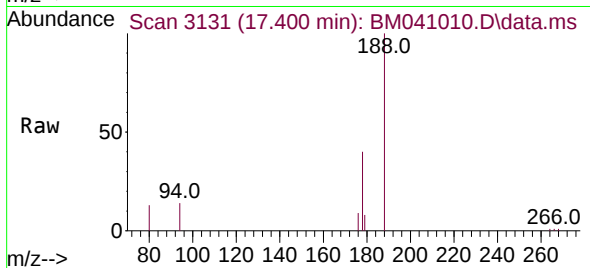
Tgt Ion:178 Resp: 19740
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.6 16.2 24.4





#16
 Anthracene
 Concen: 0.133 ng/ul
 RT: 17.400 min Scan# 3135
 Delta R.T. -0.021 min
 Lab File: BM041010.D
 Acq: 21 Jul 2023 09:24

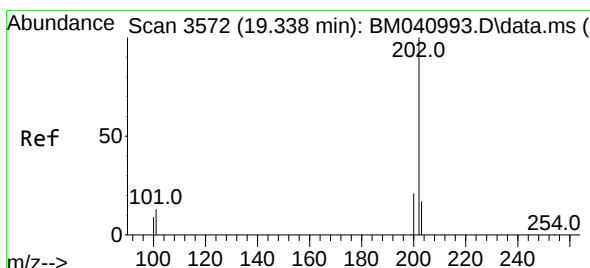
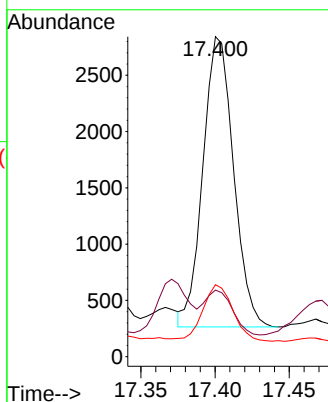
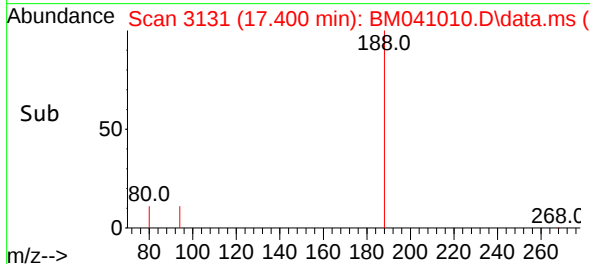
Instrument :
 BNA_M
 ClientSampleId :
 A46P0RE



Tgt Ion:178 Resp: 3704
 Ion Ratio Lower Upper
 178 100
 179 20.8 13.7 20.5
 176 22.5 16.4 24.6

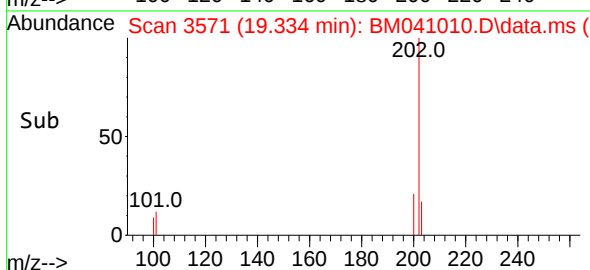
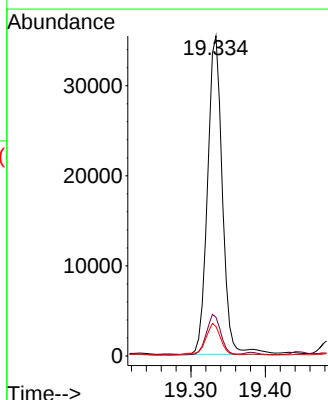
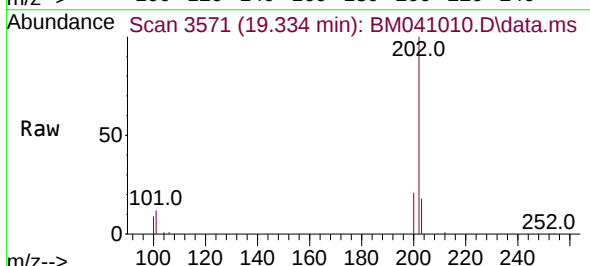
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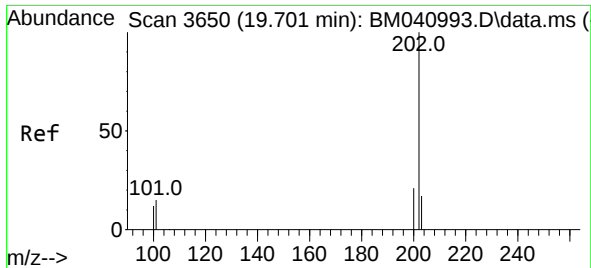
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



#19
 Fluoranthene
 Concen: 1.280 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.009 min
 Lab File: BM041010.D
 Acq: 21 Jul 2023 09:24

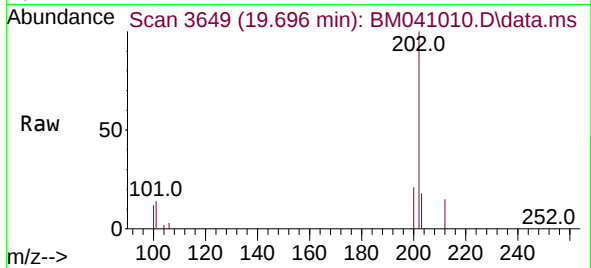
Tgt Ion:202 Resp: 48816
 Ion Ratio Lower Upper
 202 100
 101 12.1 11.0 16.4
 100 9.2 8.3 12.5





#20
Pyrene
Concen: 1.111 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

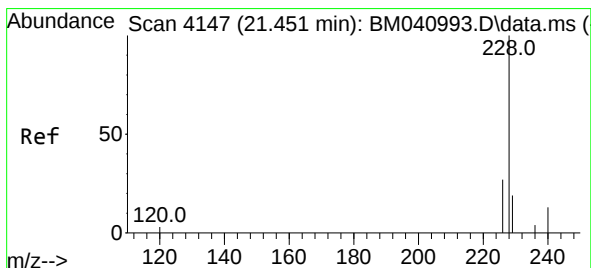
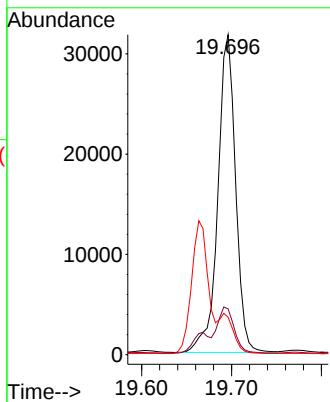
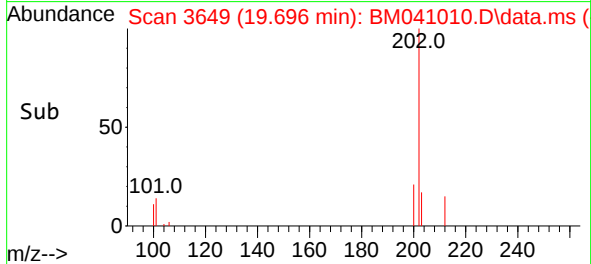
Instrument :
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Tgt Ion:202 Resp: 43300
Ion Ratio Lower Upper
202 100
101 14.3 12.5 18.7
100 11.7 10.0 15.0

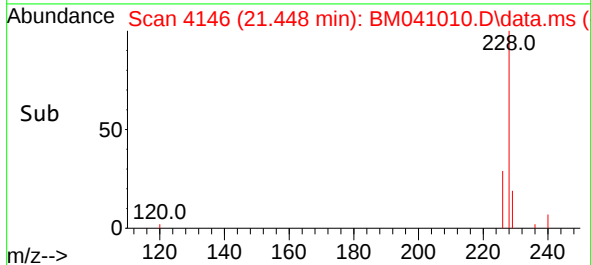
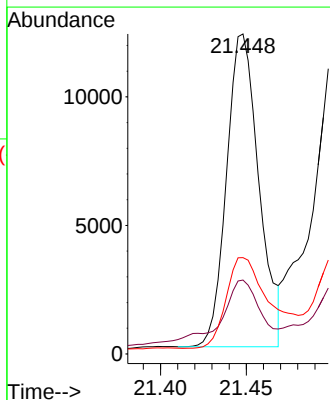
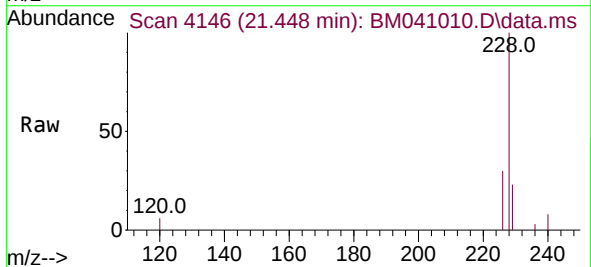
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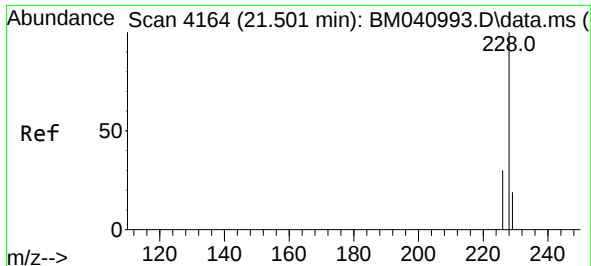
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#21
Benzo(a)anthracene
Concen: 0.710 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.009 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

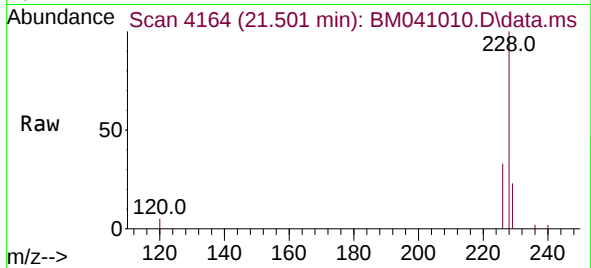
Tgt Ion:228 Resp: 15979
Ion Ratio Lower Upper
228 100
229 23.1 16.2 24.4
226 30.1 22.3 33.5





#22
Chrysene
Concen: 0.710 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

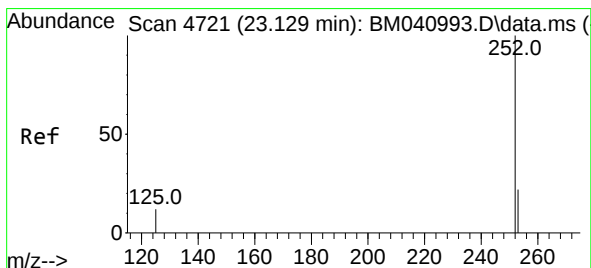
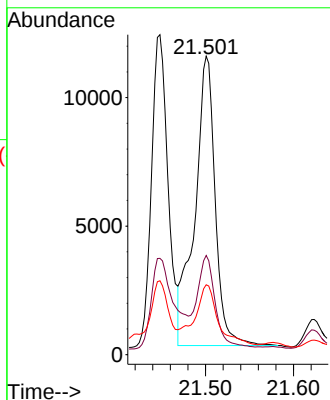
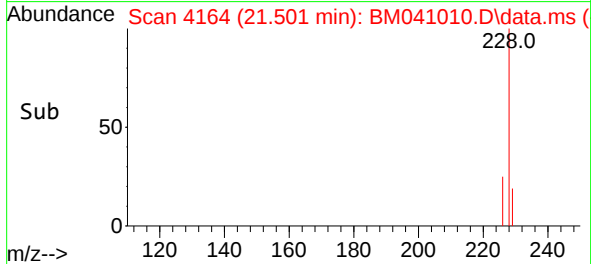
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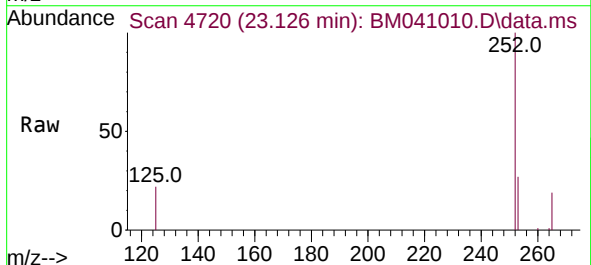
Tgt Ion:228 Resp: 18254
Ion Ratio Lower Upper
228 100
226 33.3 24.6 37.0
229 23.4 16.1 24.1

Manual Integrations
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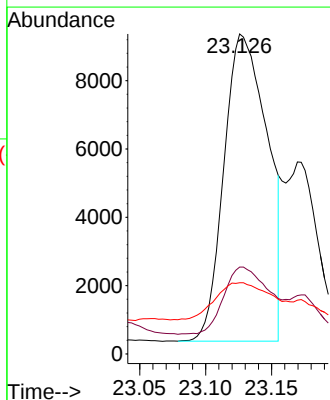
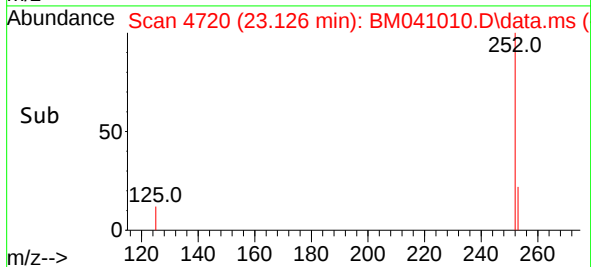
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

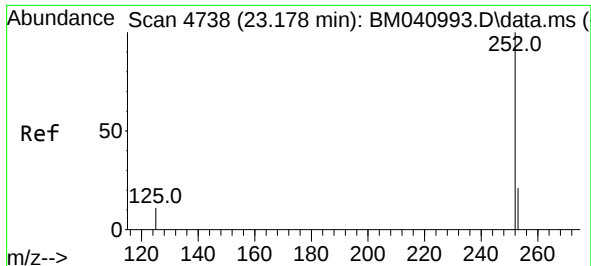


#24
Benzo(b)fluoranthene
Concen: 0.645 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.009 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24



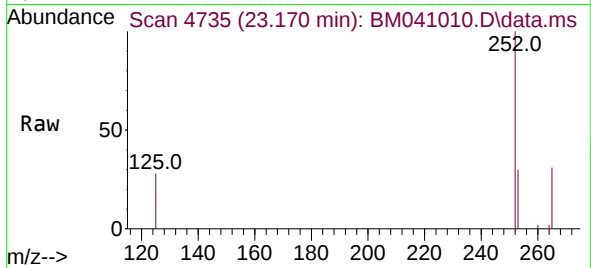
Tgt Ion:252 Resp: 20501
Ion Ratio Lower Upper
252 100
253 27.2 0.0 57.4
125 22.3 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.296 ng/ul m
RT: 23.170 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

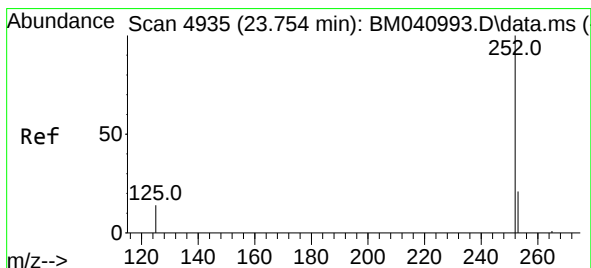
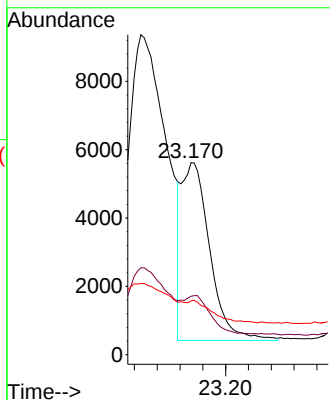
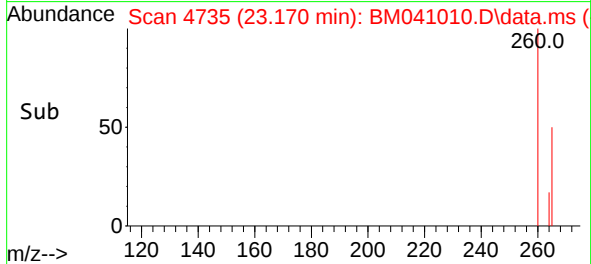
Instrument :
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A46P0RE



Tgt Ion:252 Resp: 895
Ion Ratio Lower Upper
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253 30.4 23.3 34.9
125 28.0 18.2 27.2

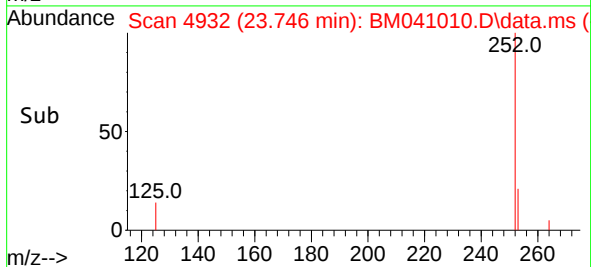
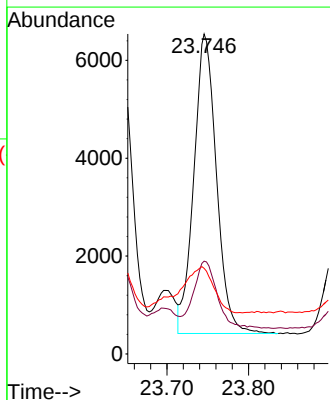
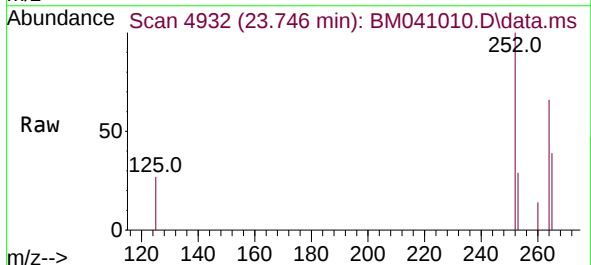
Manual Integrations
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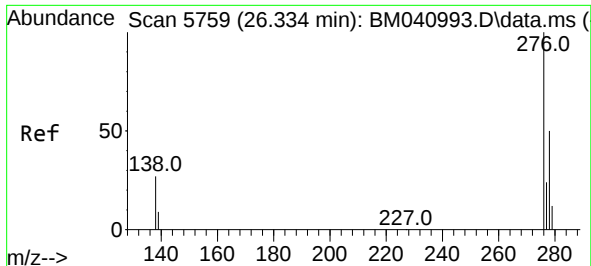
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#26
Benzo(a)pyrene
Concen: 0.428 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.018 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

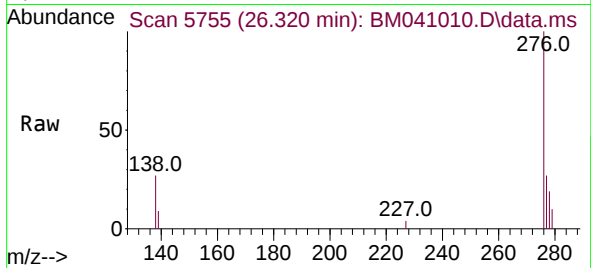
Tgt Ion:252 Resp: 11768
Ion Ratio Lower Upper
252 100
253 29.0 28.2 42.2
125 26.8 25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.320 min Scan# 5755
Delta R.T. -0.030 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24

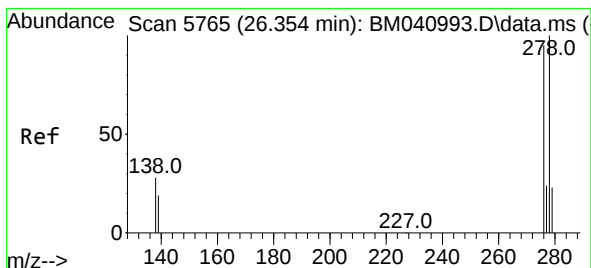
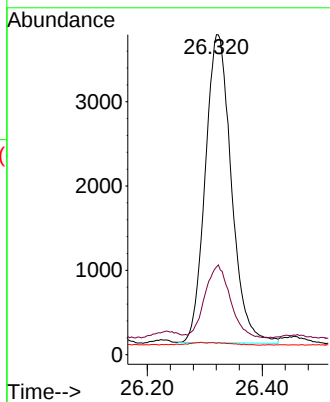
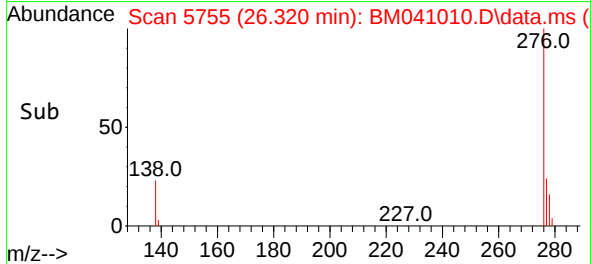
Instrument :
BNA_M
ClientSampleId :
A46P0RE



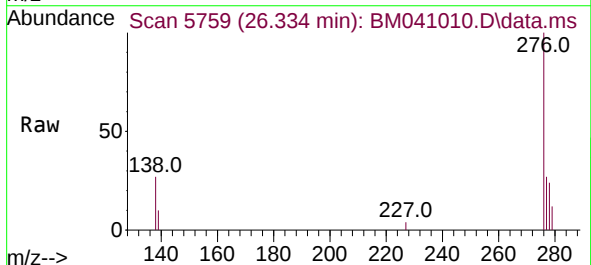
Tgt Ion:276 Resp: 11518
Ion Ratio Lower Upper
276 100
138 23.1 22.3 33.5
227 0.0 0.0 0.0

Manual Integrations
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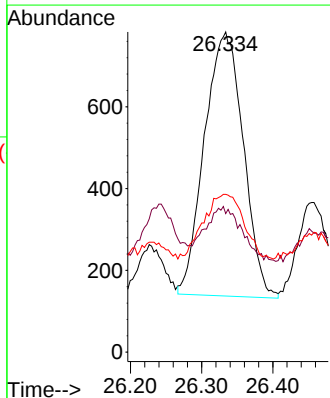
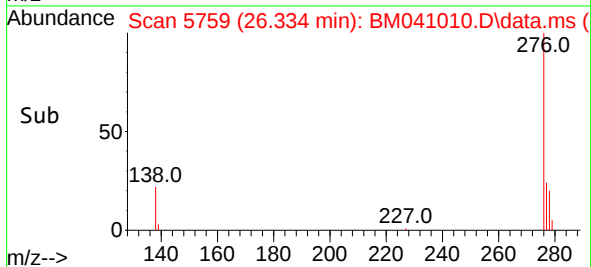
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

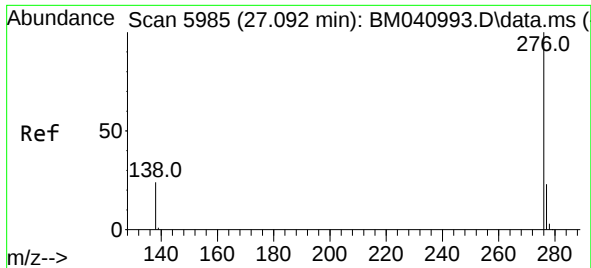


#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.034 min
Lab File: BM041010.D
Acq: 21 Jul 2023 09:24



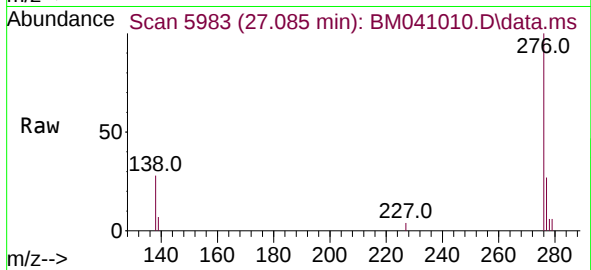
Tgt Ion:278 Resp: 2447
Ion Ratio Lower Upper
278 100
139 43.3 19.2 28.8#
279 49.3 27.0 40.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.351 ng/ul
 RT: 27.085 min Scan# 5983
 Delta R.T. -0.017 min
 Lab File: BM041010.D
 Acq: 21 Jul 2023 09:24

Instrument :
 BNA_M
 ClientSampleId :
 A46P0RE



Tgt Ion:	276	Resp:	1183
Ion Ratio	Lower	Upper	
276	100		
138	27.7	22.6	34.0
277	27.0	21.2	31.8

Manual Integrations
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Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

