

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040310.D
 Acq On : 19 Jun 2023 12:24
 Operator : MA/JU
 Sample : 03080-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:12:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	8823	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	34072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	20147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	40000	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	29158	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	32453	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	33379	3.064	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	9326	0.216	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	20279	0.279	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	45924	0.569	ng/ul	100
7) 2-Methylnaphthalene	12.433	142	18966	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	15729	0.299	ng/ul	99
10) Acenaphthylene	14.323	152	155312	2.204	ng/ul	100
11) Acenaphthene	14.665	153	35666	0.590	ng/ul	99
12) Fluorene	15.650	166	35418	0.526	ng/ul	98
15) Phenanthrene	17.387	178	1393223	13.247	ng/ul	99
16) Anthracene	17.480	178	262814	2.950	ng/ul	99
19) Fluoranthene	19.403	202	4493955	45.246	ng/ul	98
20) Pyrene	19.765	202	3663268	35.498	ng/ul	98
21) Benzo(a)anthracene	21.509	228	1790314	20.802	ng/ul	98
22) Chrysene	21.562	228	1923756	21.160	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	2713302	22.680	ng/ul	90
25) Benzo(k)fluoranthene	23.257	252	1128626m	10.018	ng/ul	
26) Benzo(a)pyrene	23.844	252	1865714	19.005	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.467	276	1518068	12.216	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.471	278	367056	3.680	ng/ul	96
29) Benzo(g,h,i)perylene	27.249	276	1348715	12.995	ng/ul	97

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

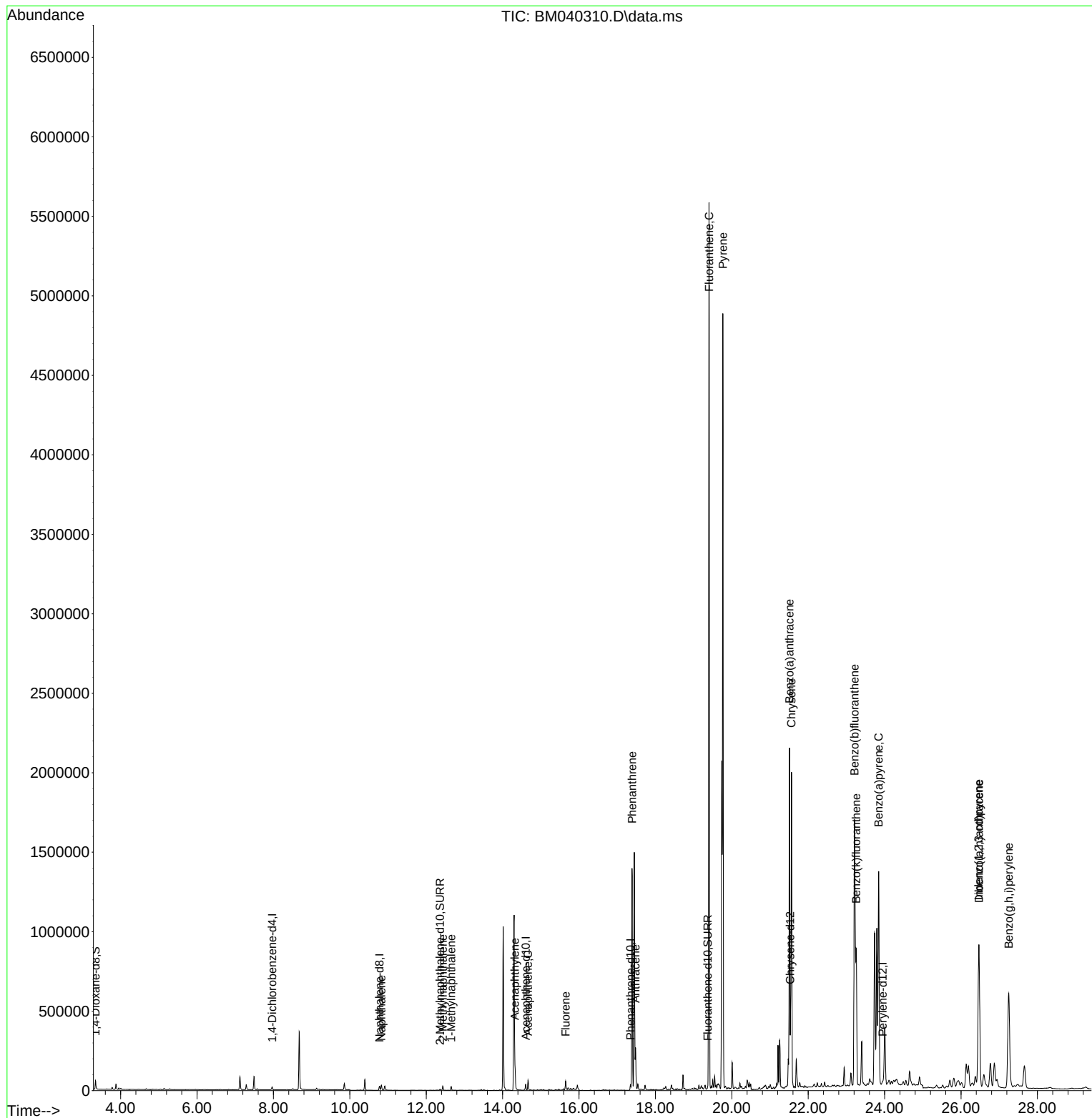
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040310.D
Acq On : 19 Jun 2023 12:24
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ALS Vial : 5 Sample Multiplier: 1

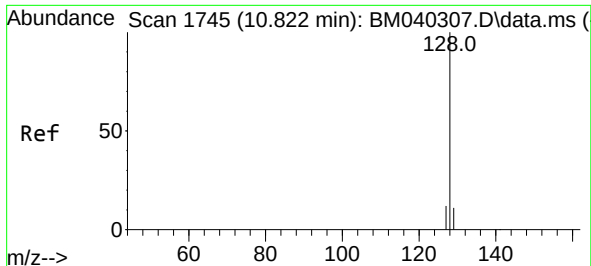
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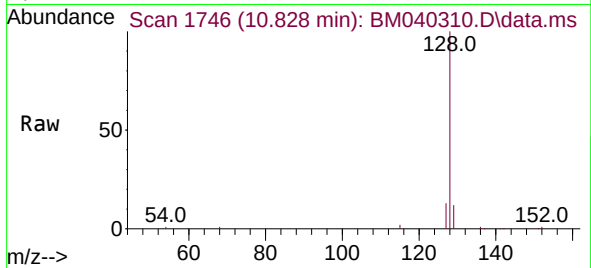
Quant Time: Jun 20 00:12:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
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#5
Naphthalene
Concen: 0.569 ng/ul
RT: 10.828 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

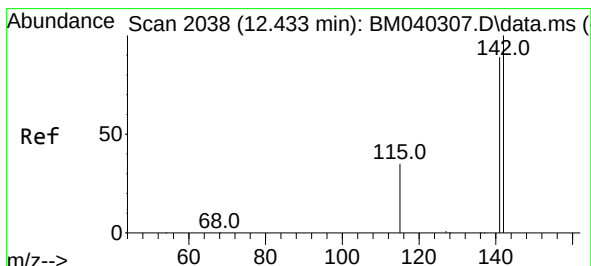
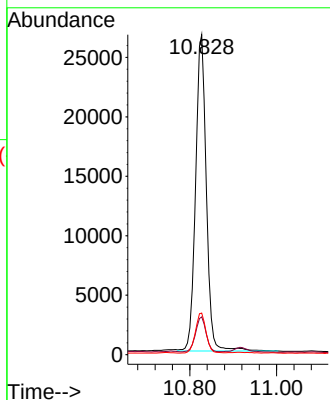
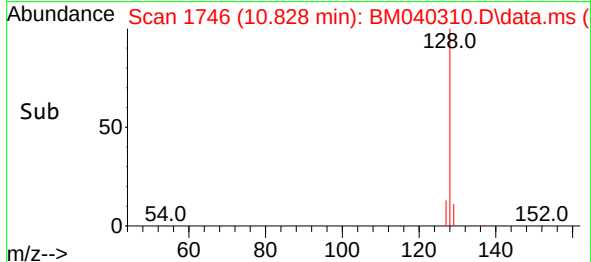
Instrument :
BNA_M
ClientSampleId :
DCFJ1



Tgt Ion:128 Resp: 45924
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.0 10.4 15.6

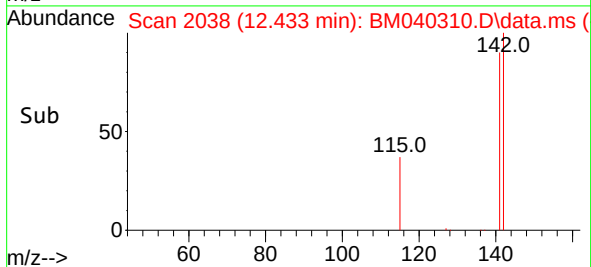
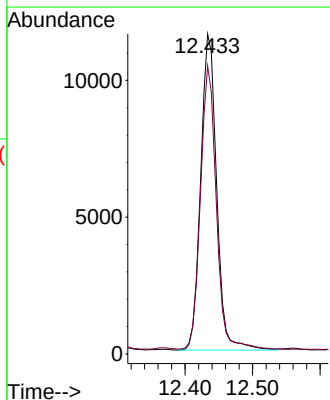
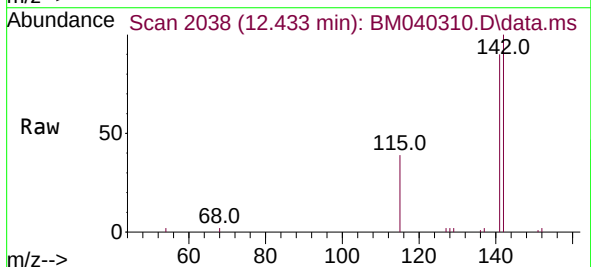
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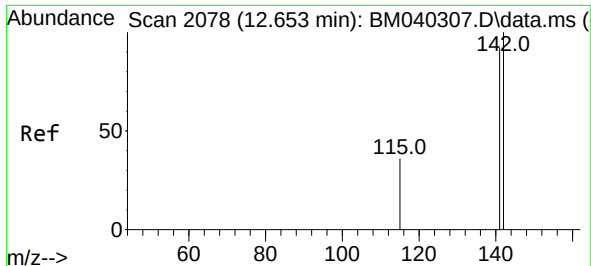
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

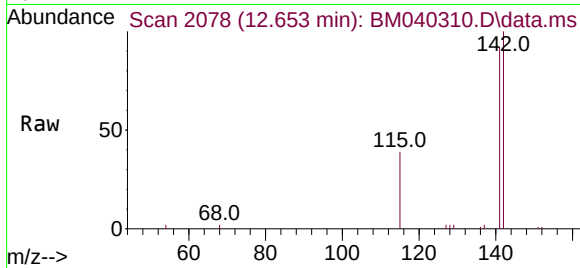
Tgt Ion:142 Resp: 18966
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

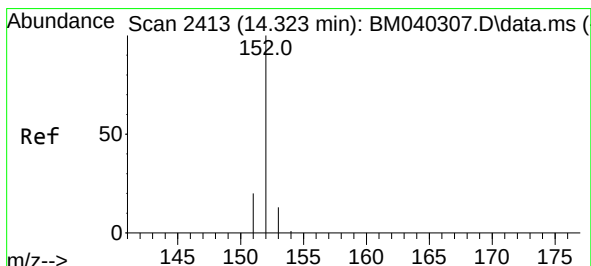
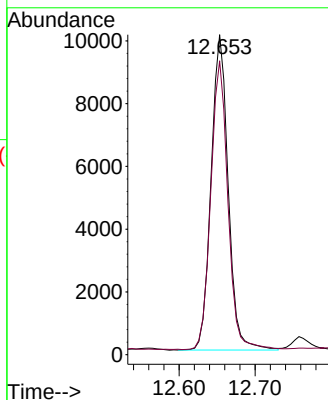
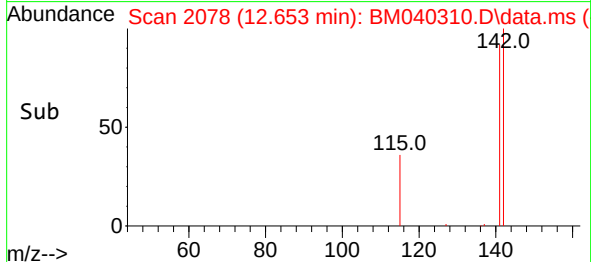
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 15729
Ion Ratio Lower Upper
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141 91.7 73.0 109.4

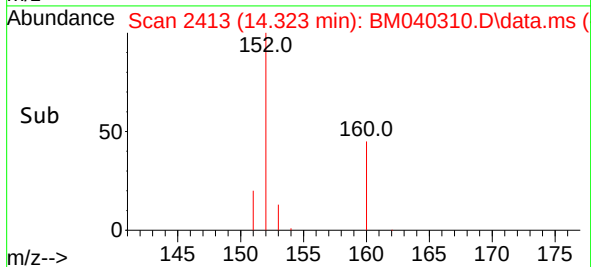
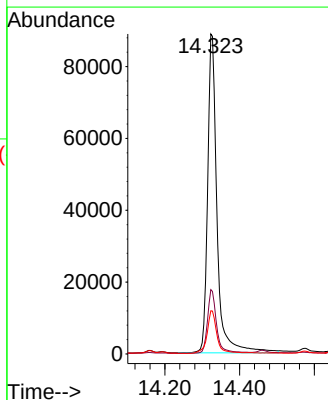
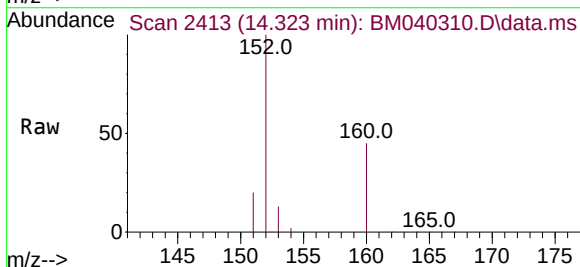
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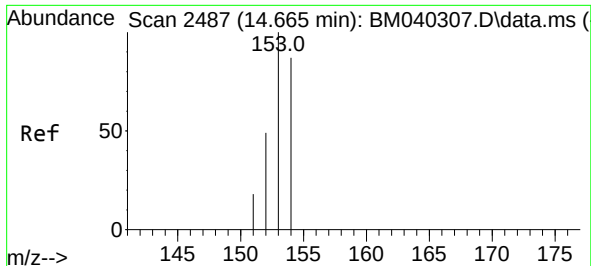
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Acenaphthylene
Concen: 2.204 ng/ul
RT: 14.323 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

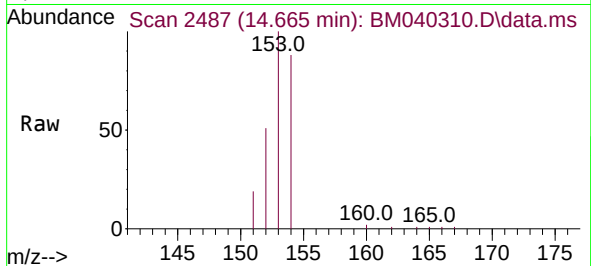
Tgt Ion:152 Resp: 155312
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.5 10.7 16.1





#11
Acenaphthene
Concen: 0.590 ng/ul
RT: 14.665 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

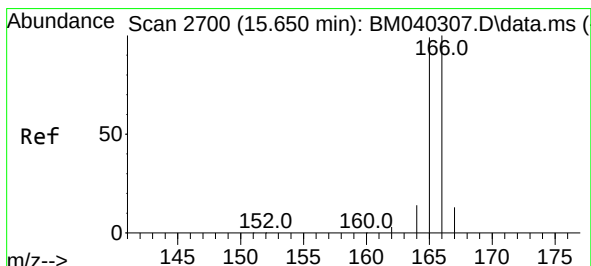
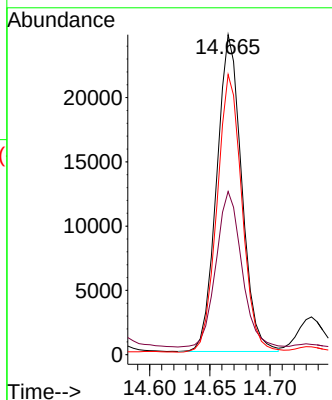
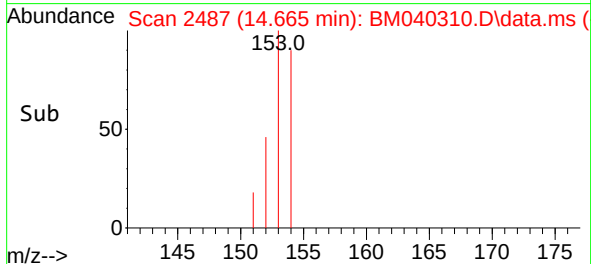
Instrument :
BNA_M
ClientSampleId :
DCFJ1



Tgt Ion:153 Resp: 3566
Ion Ratio Lower Upper
153 100
152 51.0 40.3 60.5
154 87.6 70.5 105.7

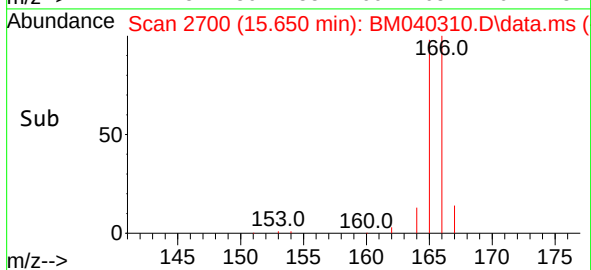
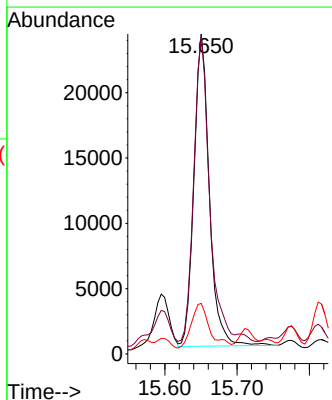
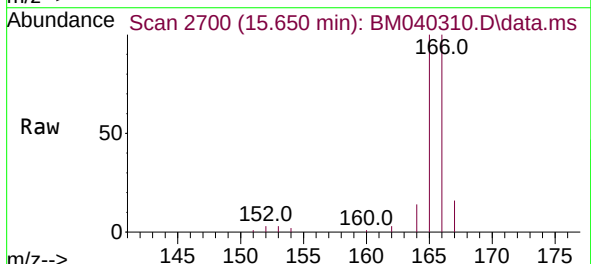
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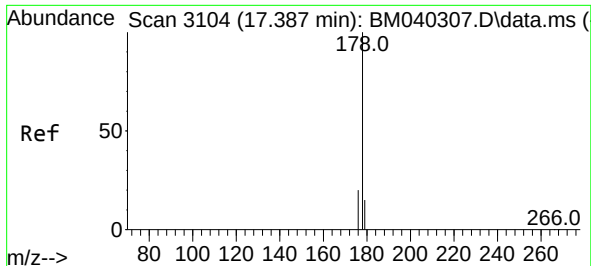
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 0.526 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

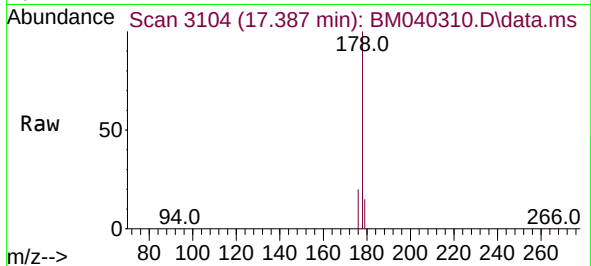
Tgt Ion:166 Resp: 35418
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.4
167 15.8 11.0 16.4





#15
Phenanthrene
Concen: 13.247 ng/u1
RT: 17.387 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

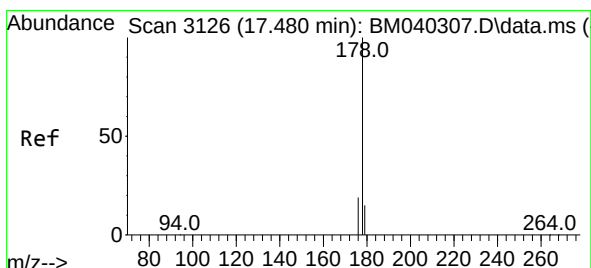
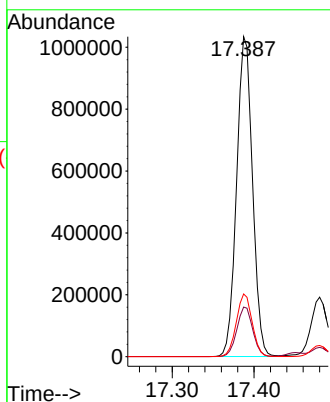
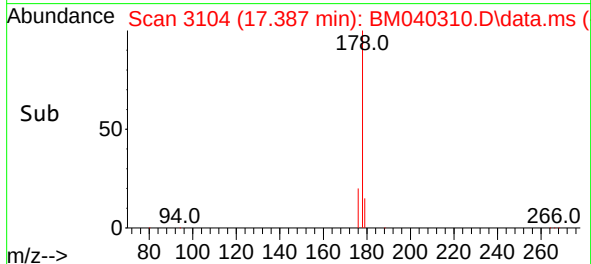
Instrument :
BNA_M
ClientSampleId :
DCFJ1



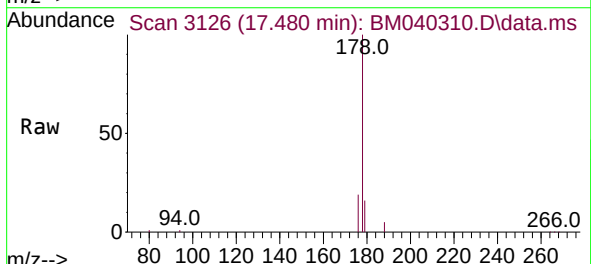
Tgt Ion:178 Resp: 139322
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 16.1 24.1

Manual Integrations
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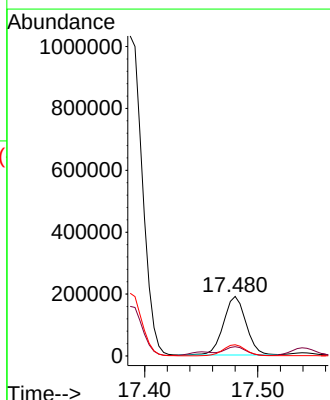
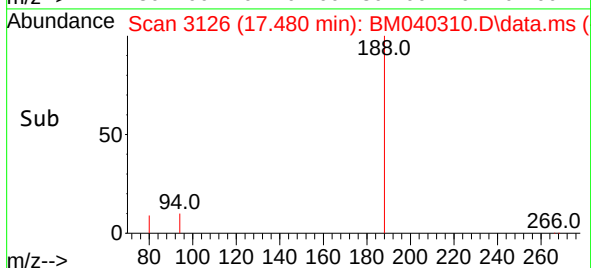
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

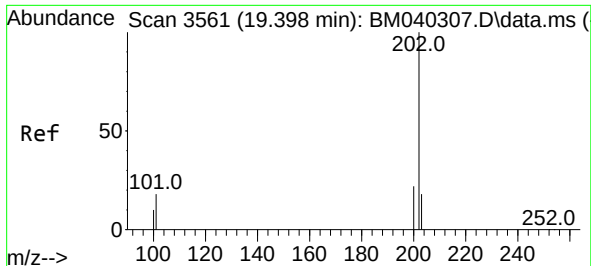


#16
Anthracene
Concen: 2.950 ng/u1
RT: 17.480 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24



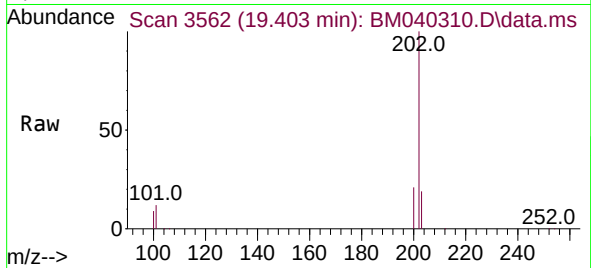
Tgt Ion:178 Resp: 262814
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.0 15.5 23.3





#19
Fluoranthene
Concen: 45.246 ng/u1
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

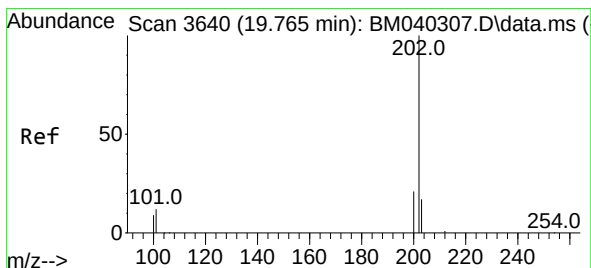
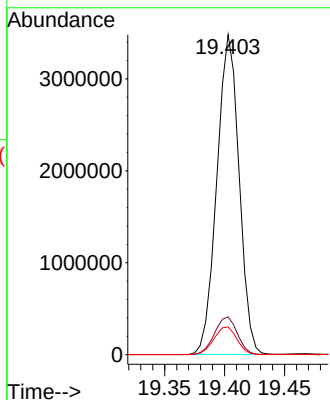
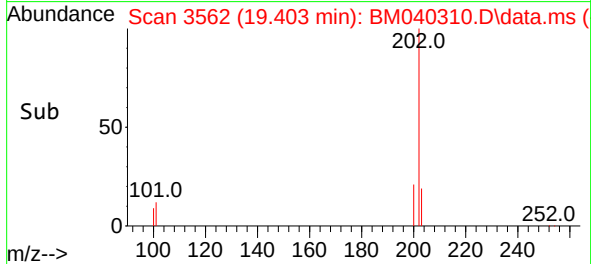
Instrument :
BNA_M
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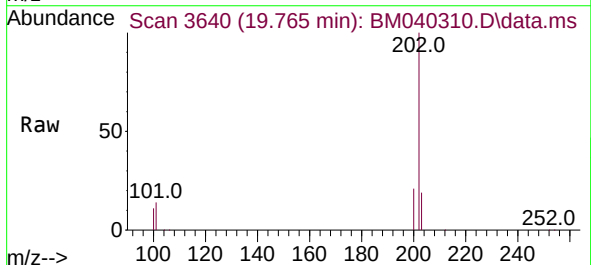
Tgt Ion:202 Resp: 449395
Ion Ratio Lower Upper
202 100
101 11.8 10.2 15.4
100 8.7 7.6 11.4

Manual Integrations
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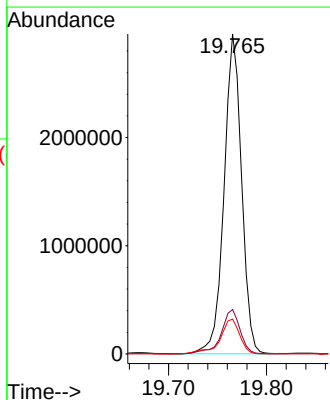
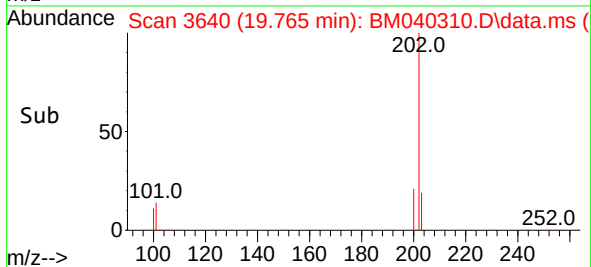
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

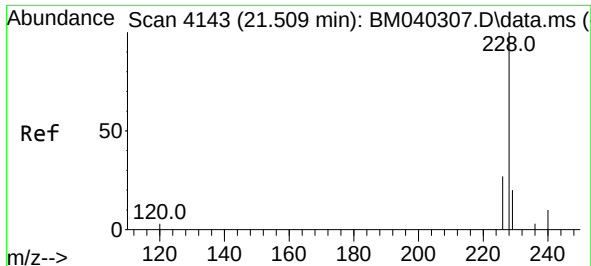


#20
Pyrene
Concen: 35.498 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24



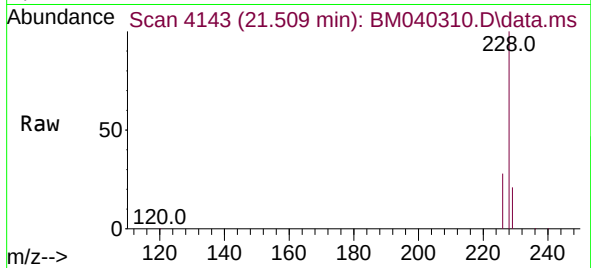
Tgt Ion:202 Resp: 3663268
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.8
100 10.9 9.3 13.9





#21
Benzo(a)anthracene
Concen: 20.802 ng/u1
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

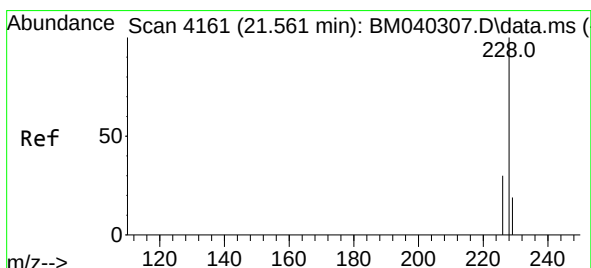
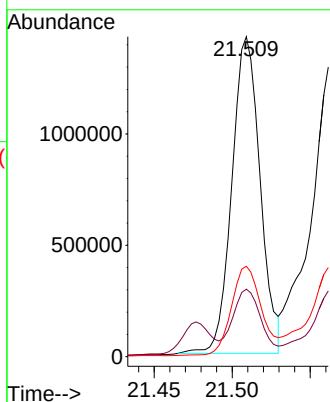
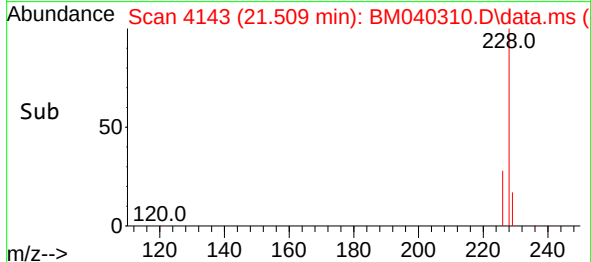
Instrument :
BNA_M
ClientSampleId :
DCFJ1



Tgt Ion:228 Resp: 1790314
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 28.2 22.0 33.0

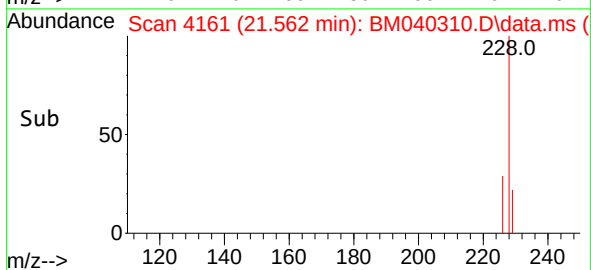
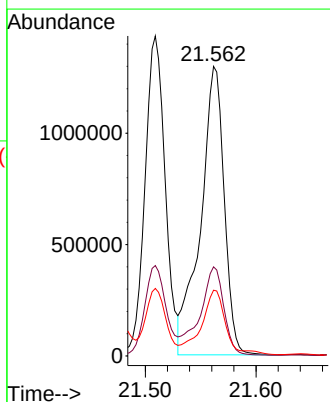
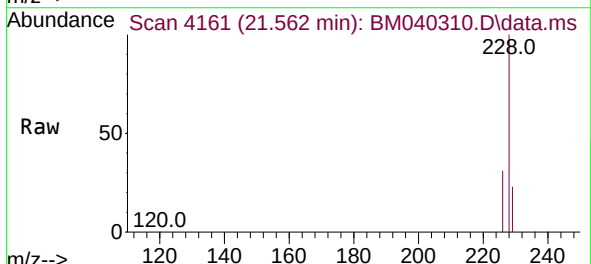
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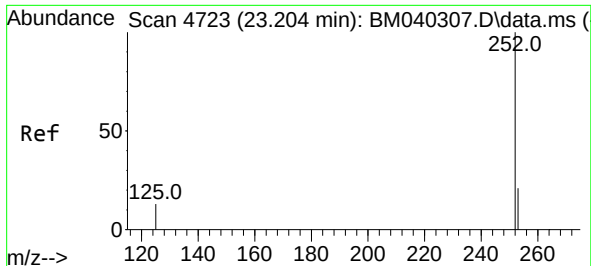
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#22
Chrysene
Concen: 21.160 ng/u1
RT: 21.562 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

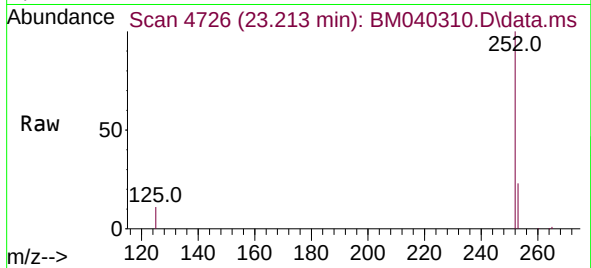
Tgt Ion:228 Resp: 1923756
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 22.680 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

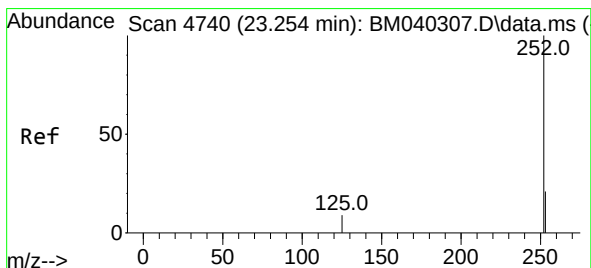
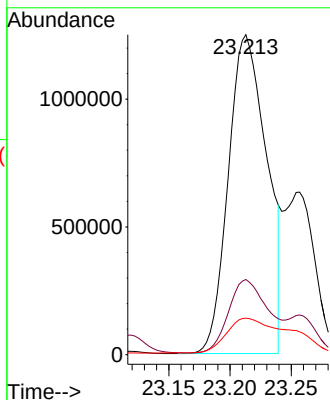
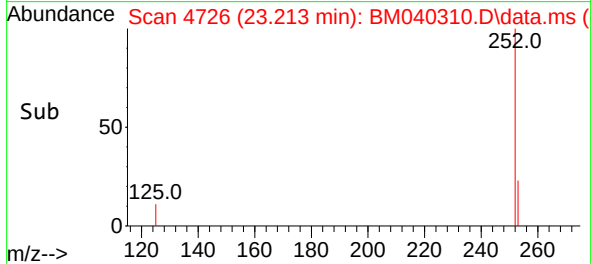
Instrument :
BNA_M
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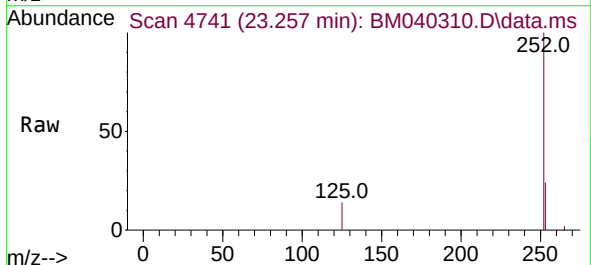
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Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.4
125 11.4 0.0 38.4

Manual Integrations
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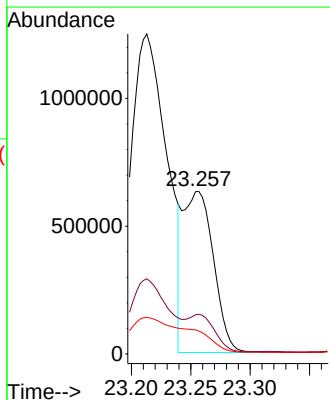
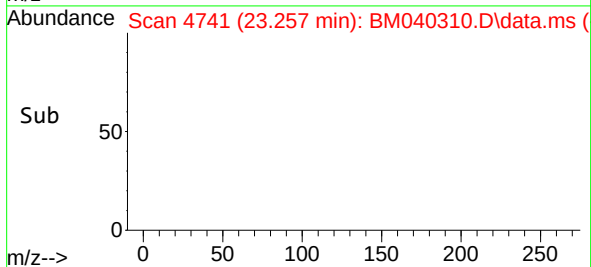
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

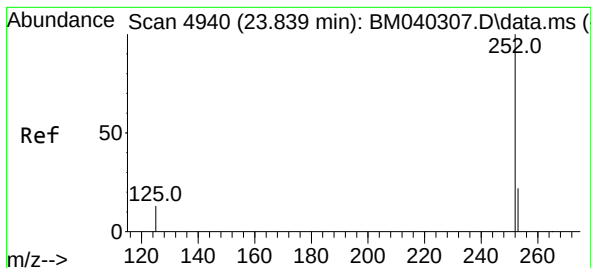


#25
Benzo(k)fluoranthene
Concen: 10.018 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24



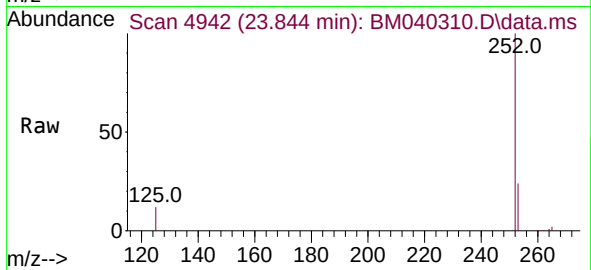
Tgt Ion:252 Resp: 1128626
Ion Ratio Lower Upper
252 100
253 24.4 21.5 32.3
125 14.1 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 19.005 ng/ul
RT: 23.844 min Scan# 4940
Delta R.T. -0.006 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

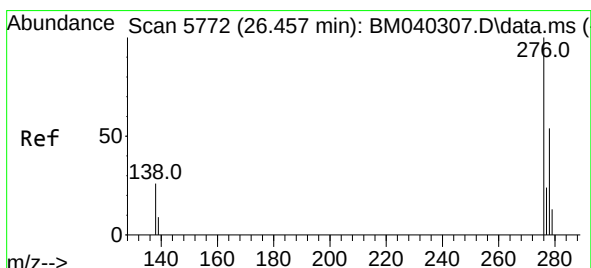
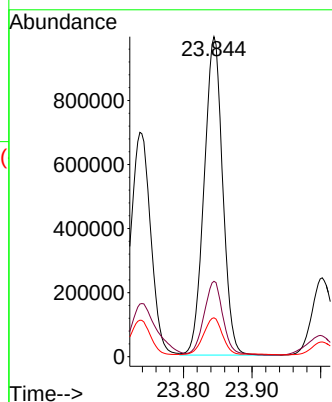
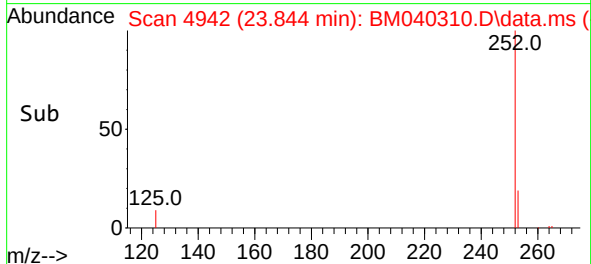
Instrument :
BNA_M
ClientSampleId :
DCFJ1



Tgt Ion:252 Resp: 1865714
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 12.1 19.7 29.5

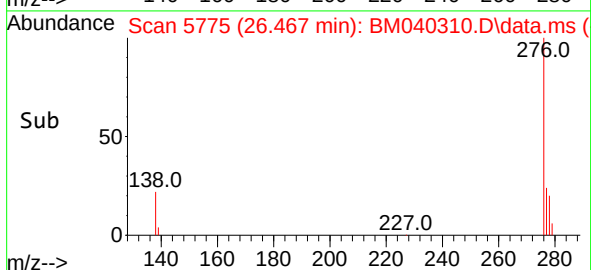
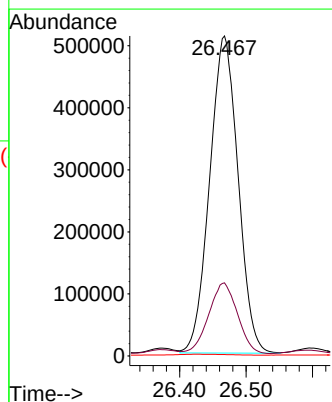
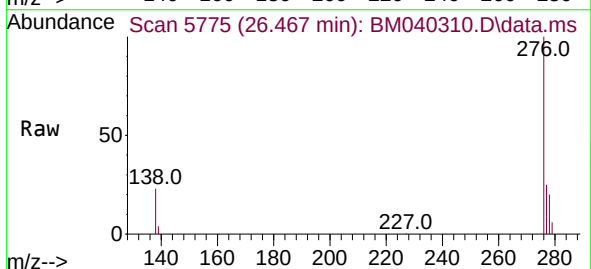
Manual Integrations
APPROVED

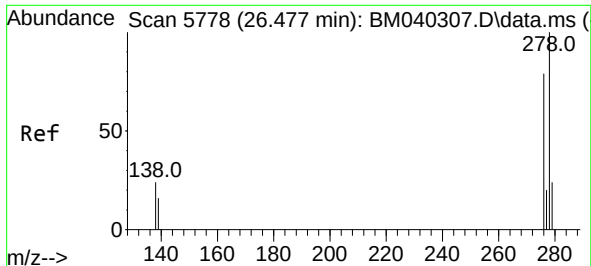
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 12.216 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

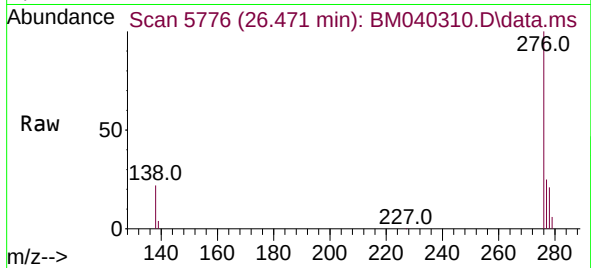
Tgt Ion:276 Resp: 1518068
Ion Ratio Lower Upper
276 100
138 22.5 23.3 34.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 3.680 ng/ul
RT: 26.471 min Scan# 5778
Delta R.T. -0.027 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

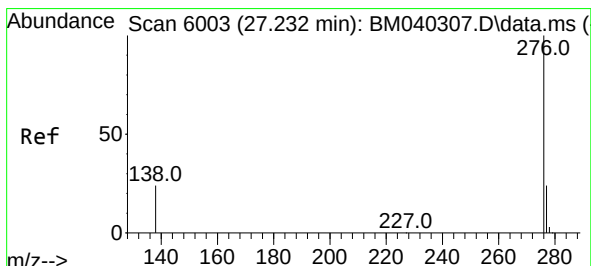
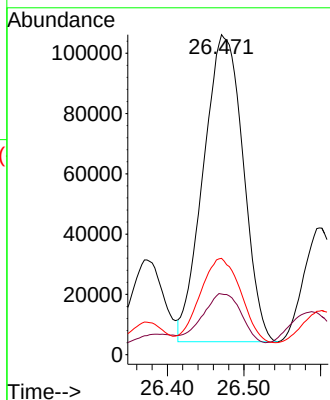
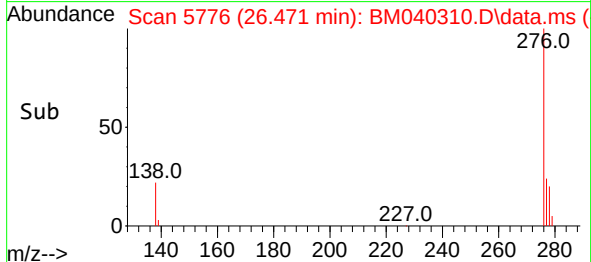
Instrument :
BNA_M
ClientSampleId :
DCFJ1



Tgt Ion:278 Resp: 367050
Ion Ratio Lower Upper
278 100
139 18.9 16.4 24.6
279 30.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#29
Benzo(g,h,i)perylene
Concen: 12.995 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BM040310.D
Acq: 19 Jun 2023 12:24

Tgt Ion:276 Resp: 1348715
Ion Ratio Lower Upper
276 100
138 23.5 21.0 31.4
277 24.4 19.6 29.4

