

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040309.D
 Acq On : 19 Jun 2023 11:47
 Operator : MA/JU
 Sample : 03080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH1

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 00:12:22 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	8359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	32324	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.600	164	18379	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	35269	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	27115	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	34785	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	21842	2.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	6567	0.160	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	13610	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	119866	1.565	ng/ul	100
7) 2-Methylnaphthalene	12.433	142	67280	1.414	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	83955	1.684	ng/ul	99
10) Acenaphthylene	14.327	152	486643	7.570	ng/ul	99
11) Acenaphthene	14.665	153	92007	1.669	ng/ul	99
12) Fluorene	15.650	166	152863	2.489	ng/ul	99
15) Phenanthrene	17.387	178	3927033	42.348	ng/ul	99
16) Anthracene	17.480	178	600898	7.649	ng/ul	99
19) Fluoranthene	19.403	202	7033927	76.155	ng/ul	99
20) Pyrene	19.770	202	6744982	70.286	ng/ul	97
21) Benzo(a)anthracene	21.509	228	3220668	40.241	ng/ul	97
22) Chrysene	21.564	228	3172194	37.520	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	4065287	31.703	ng/ul	90
25) Benzo(k)fluoranthene	23.257	252	1361286m	11.273	ng/ul	
26) Benzo(a)pyrene	23.844	252	2729223	25.937	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.471	276	1954170	14.671	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.474	278	516085	4.827	ng/ul	97
29) Benzo(g,h,i)perylene	27.245	276	1834192	16.487	ng/ul	97

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

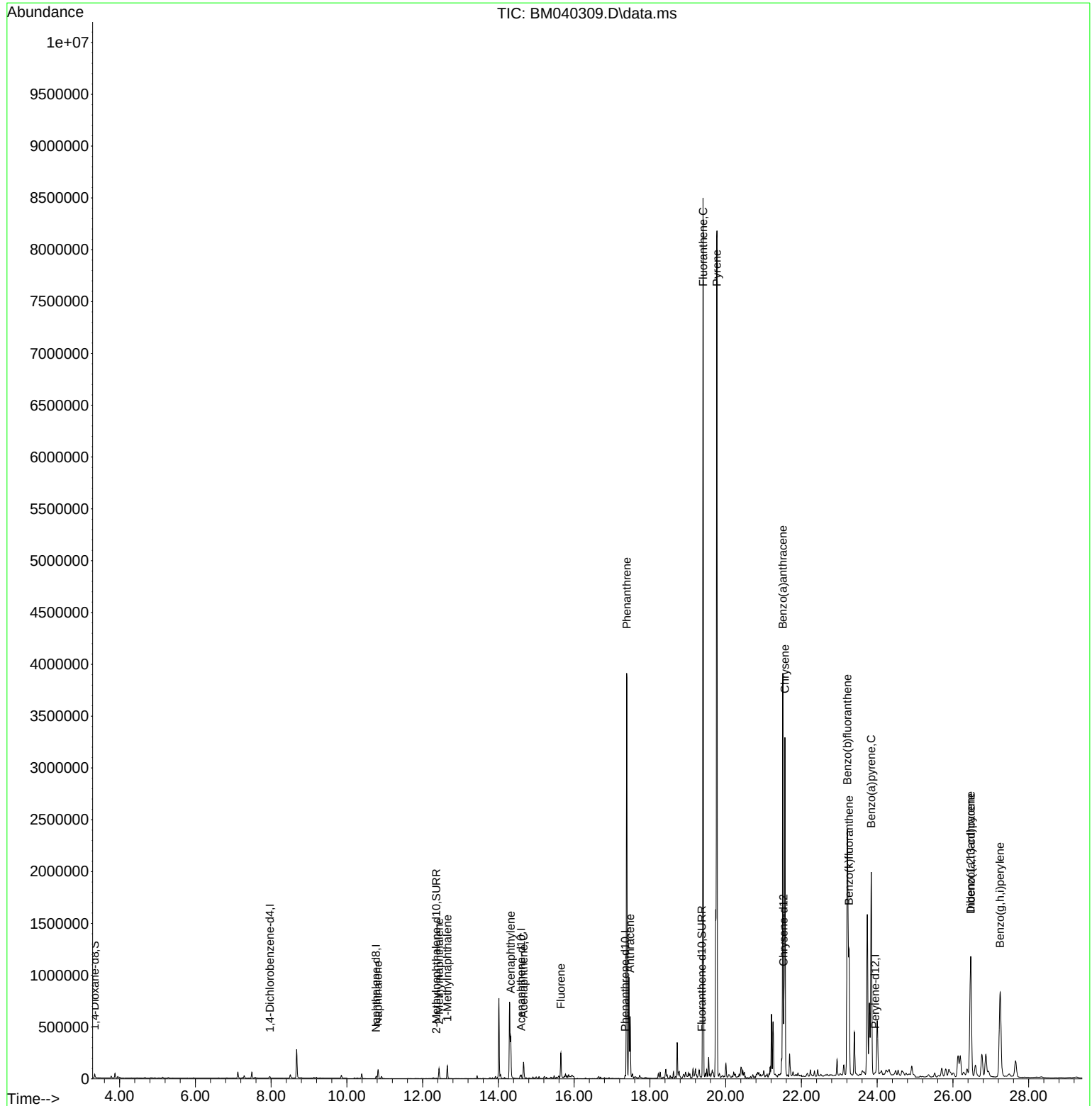
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040309.D
Acq On : 19 Jun 2023 11:47
Operator : MA/JU
Sample : 03080-02
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ALS Vial : 4 Sample Multiplier: 1

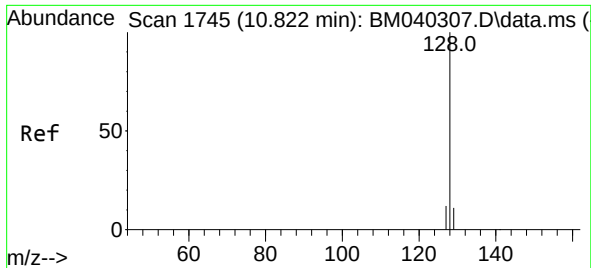
Instrument :
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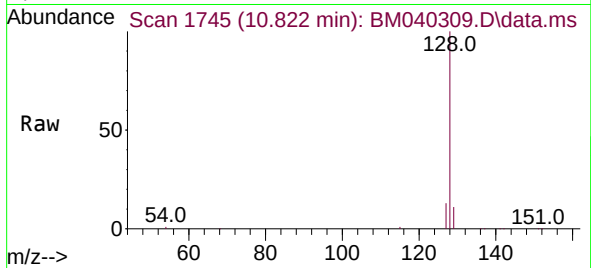
Quant Time: Jun 20 00:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.565 ng/ul
RT: 10.822 min Scan# 1745
Delta R.T. -0.011 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

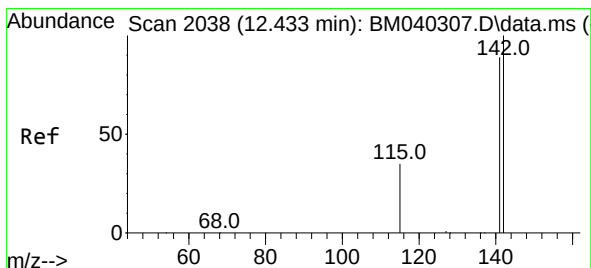
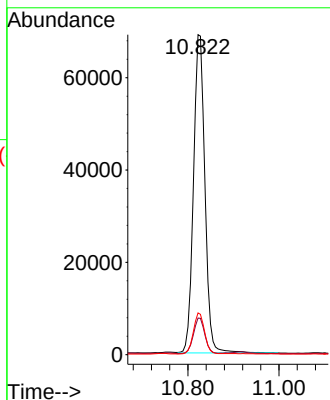
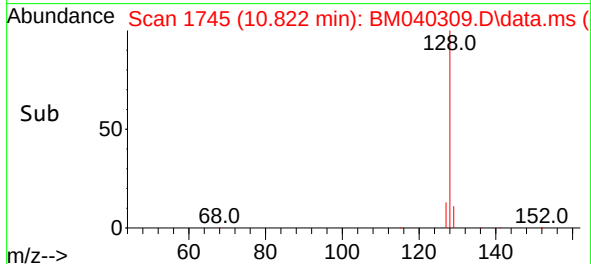
Instrument :
BNA_M
ClientSampleId :
DCFH1



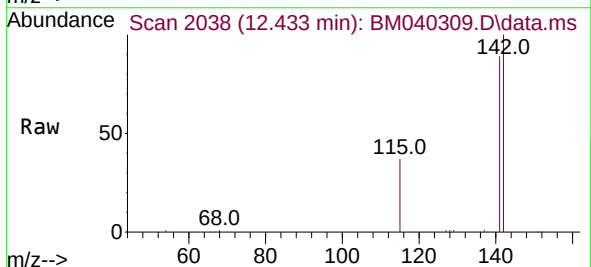
Tgt Ion:128 Resp: 119860
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.1 10.4 15.6

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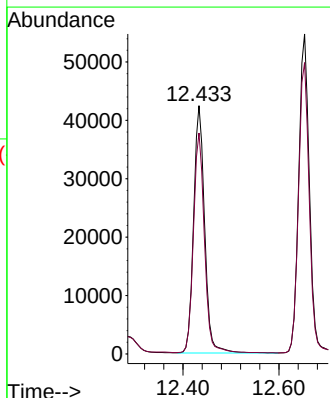
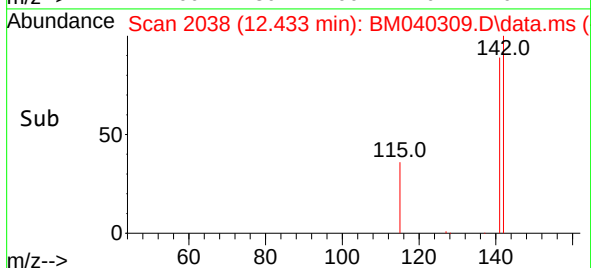
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

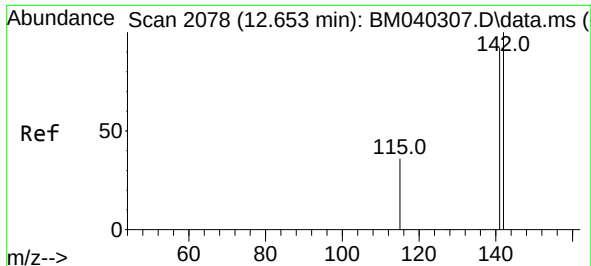


#7
2-Methylnaphthalene
Concen: 1.414 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47



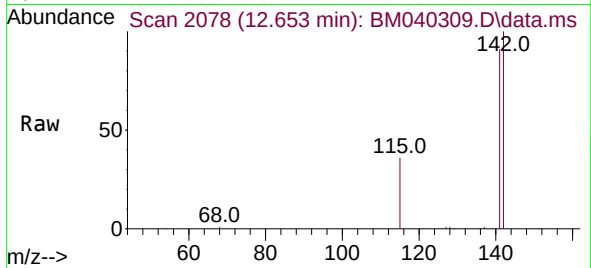
Tgt Ion:142 Resp: 67280
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0





#8
1-Methylnaphthalene
Concen: 1.684 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

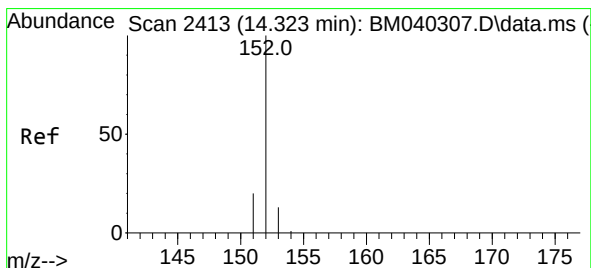
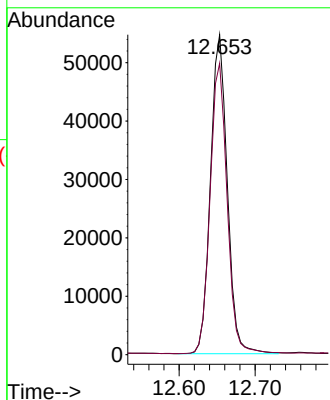
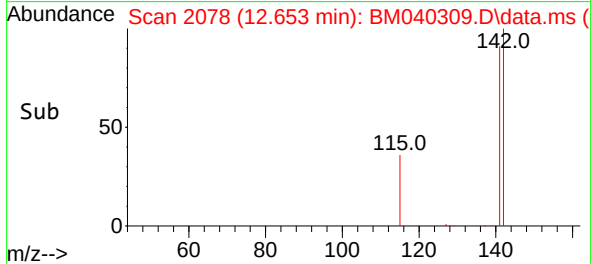
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 8395
Ion Ratio Lower Upper
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141 92.0 73.0 109.4

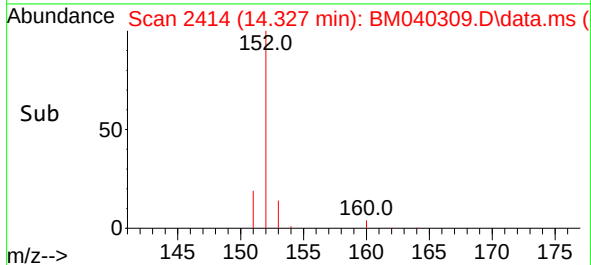
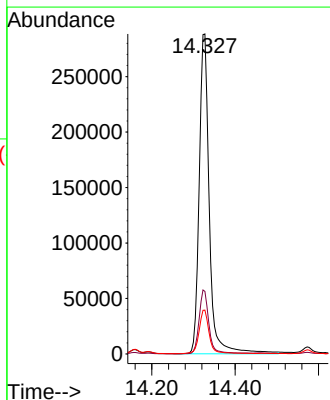
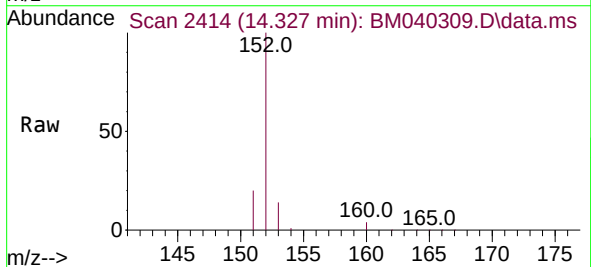
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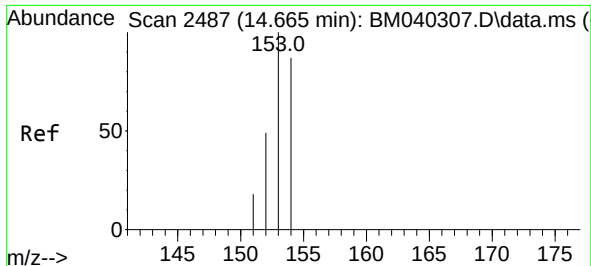
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Acenaphthylene
Concen: 7.570 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

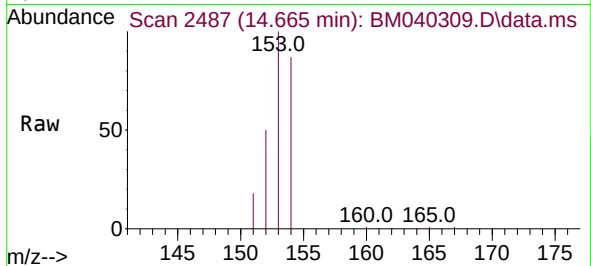
Tgt Ion:152 Resp: 486643
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.7 10.7 16.1





#11
Acenaphthene
Concen: 1.669 ng/ul
RT: 14.665 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

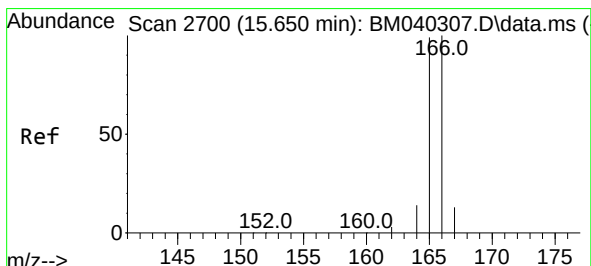
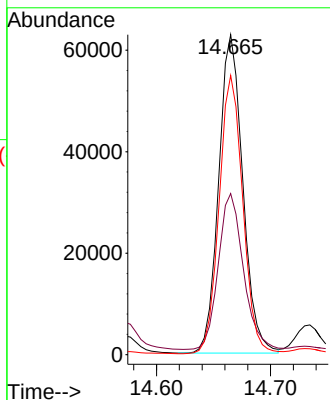
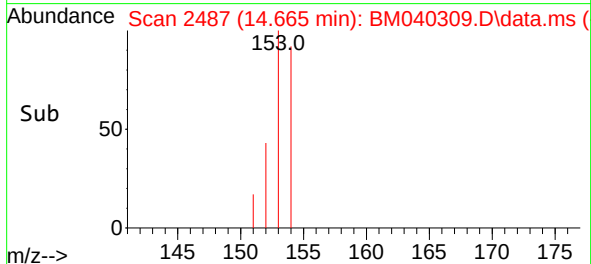
Instrument :
BNA_M
ClientSampleId :
DCFH1



Tgt Ion:153 Resp: 9200
Ion Ratio Lower Upper
153 100
152 50.4 40.3 60.5
154 87.3 70.5 105.7

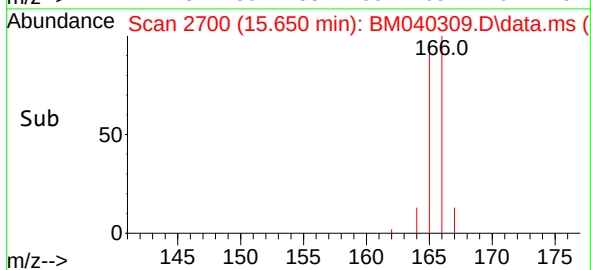
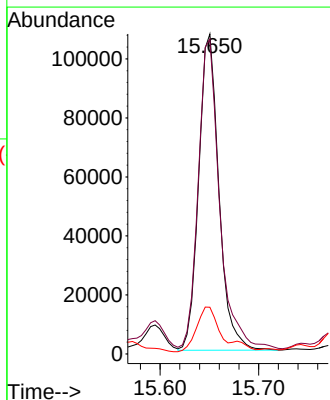
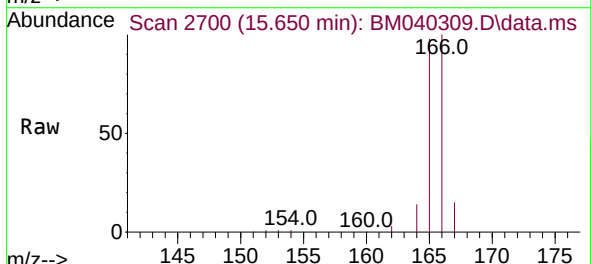
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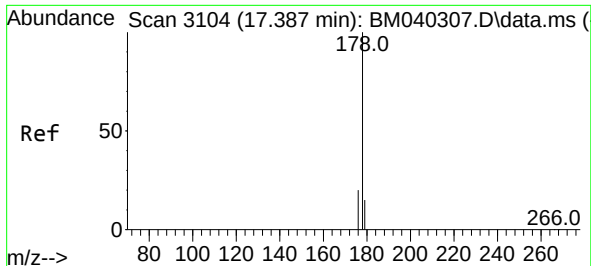
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 2.489 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

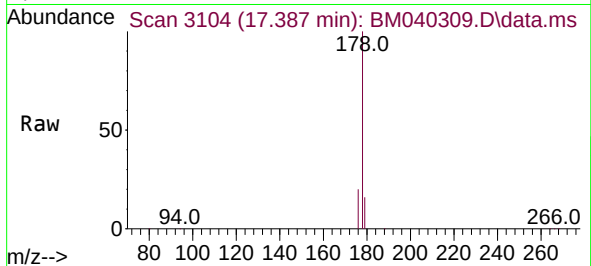
Tgt Ion:166 Resp: 152863
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 14.6 11.0 16.4





#15
Phenanthrene
Concen: 42.348 ng/u1
RT: 17.387 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

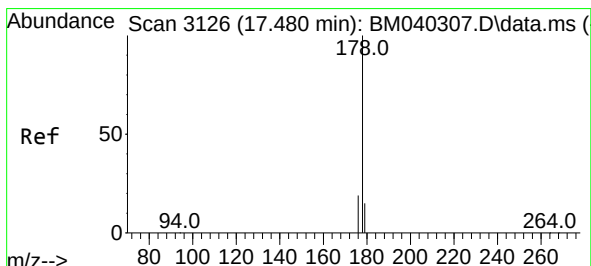
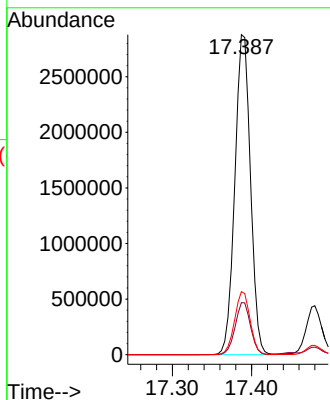
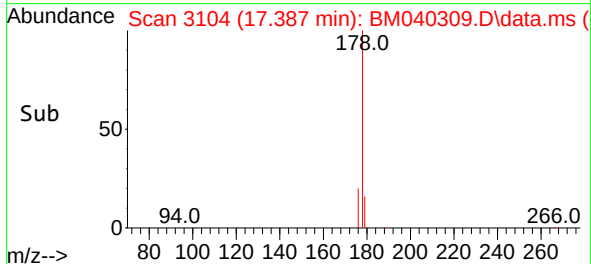
Instrument :
BNA_M
ClientSampleId :
DCFH1



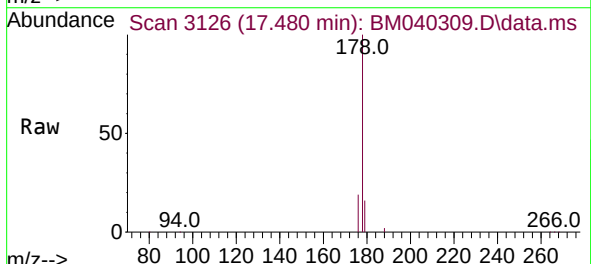
Tgt Ion:178 Resp: 392703
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.7 16.1 24.1

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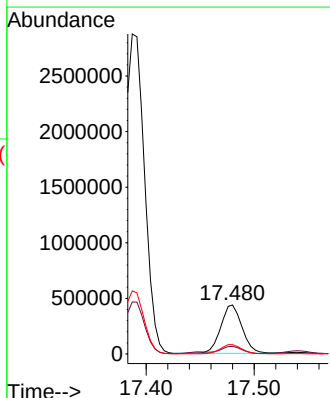
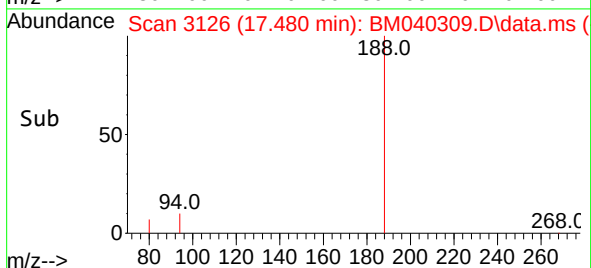
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

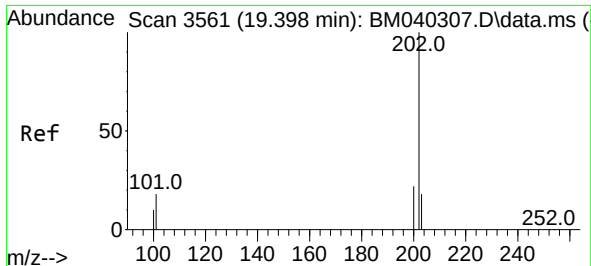


#16
Anthracene
Concen: 7.649 ng/u1
RT: 17.480 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47



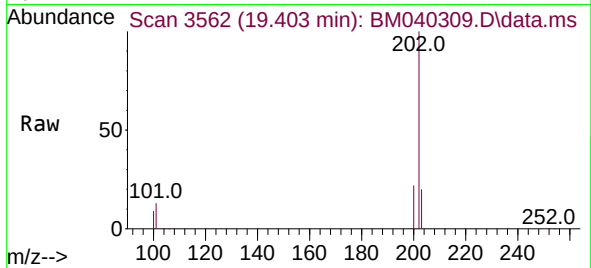
Tgt Ion:178 Resp: 600898
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.0 15.5 23.3





#19
Fluoranthene
Concen: 76.155 ng/u1
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

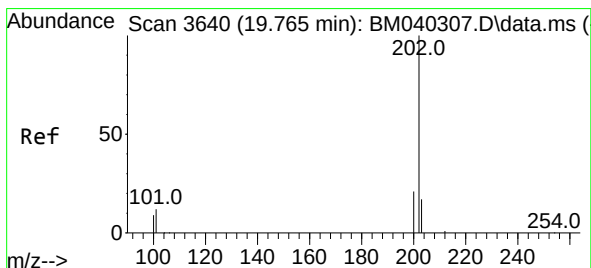
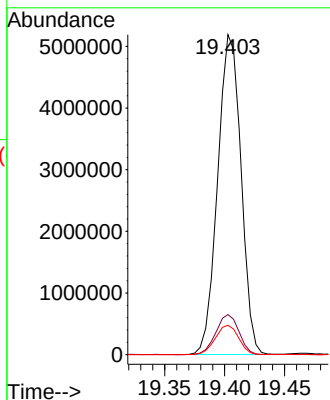
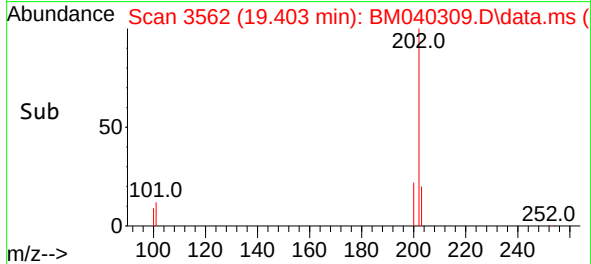
Instrument :
BNA_M
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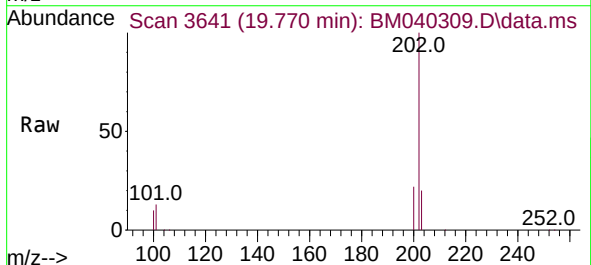
Tgt Ion:202 Resp: 703392
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 9.2 7.6 11.4

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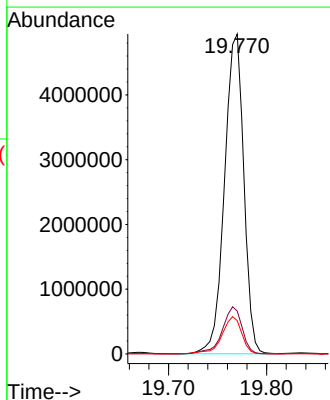
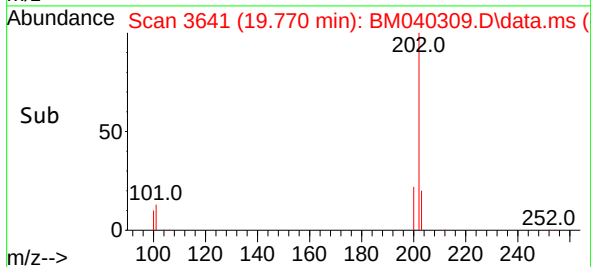
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

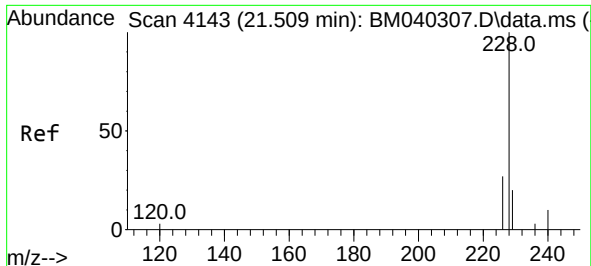


#20
Pyrene
Concen: 70.286 ng/u1
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47



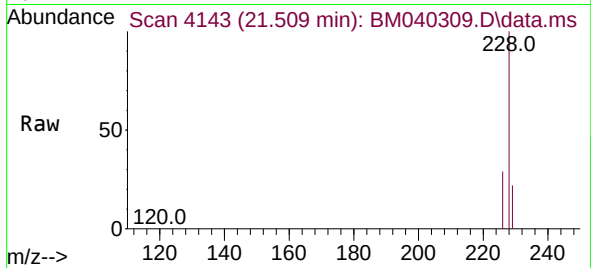
Tgt Ion:202 Resp: 6744982
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.8
100 10.4 9.3 13.9





#21
Benzo(a)anthracene
Concen: 40.241 ng/u1
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

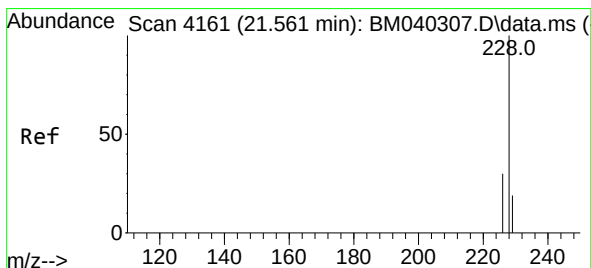
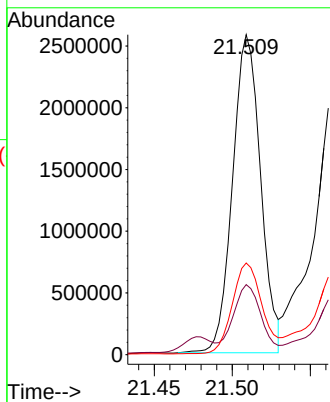
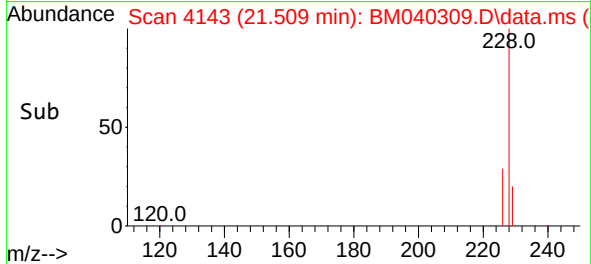
Instrument :
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Tgt Ion:228 Resp: 322066
Ion Ratio Lower Upper
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229 21.9 15.8 23.8
226 28.7 22.0 33.0

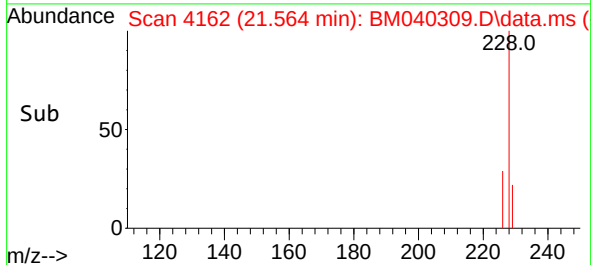
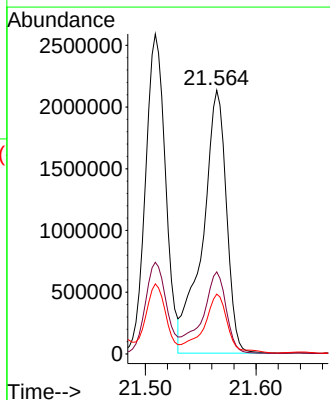
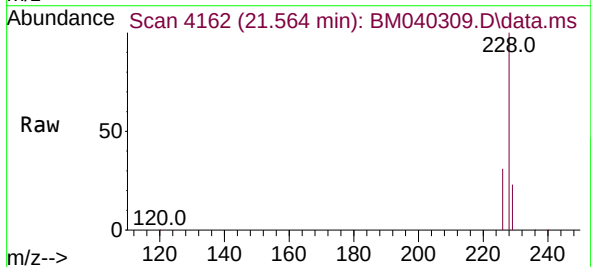
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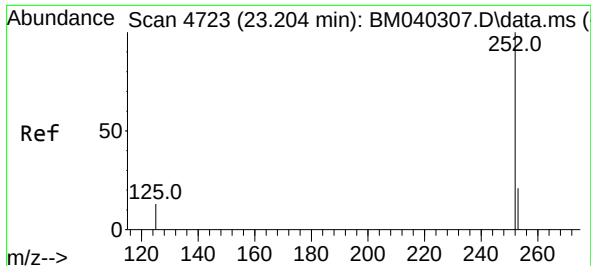
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#22
Chrysene
Concen: 37.520 ng/u1
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

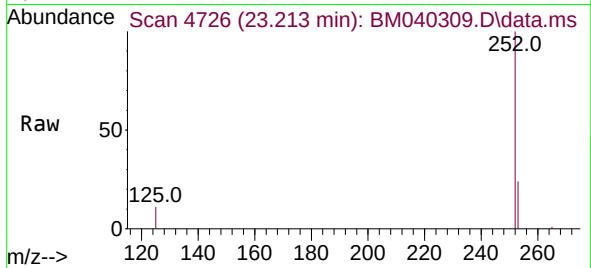
Tgt Ion:228 Resp: 3172194
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 31.703 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

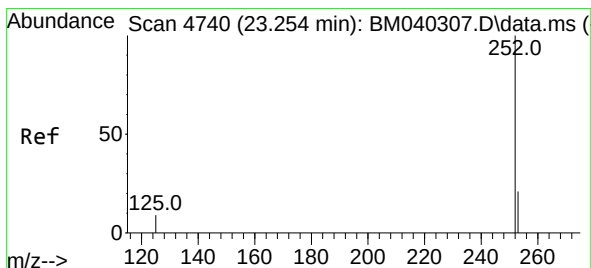
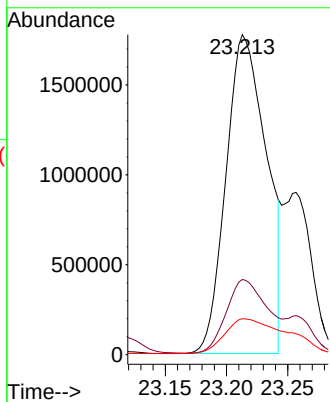
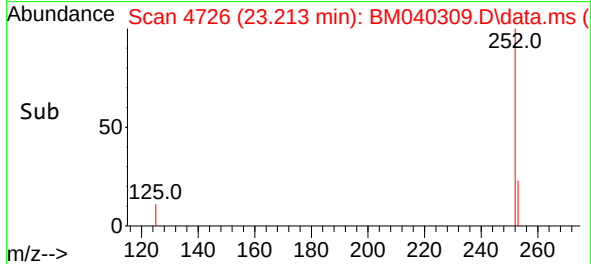
Instrument :
BNA_M
ClientSampleId :
DCFH1



Tgt Ion:252 Resp: 406528
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.4
125 11.2 0.0 38.4

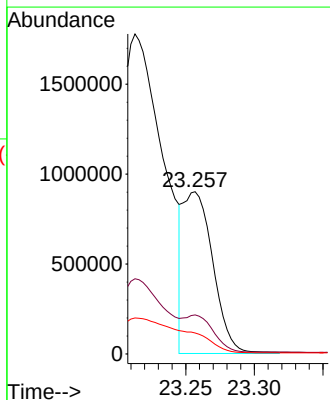
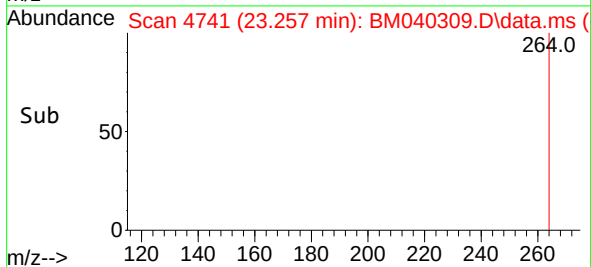
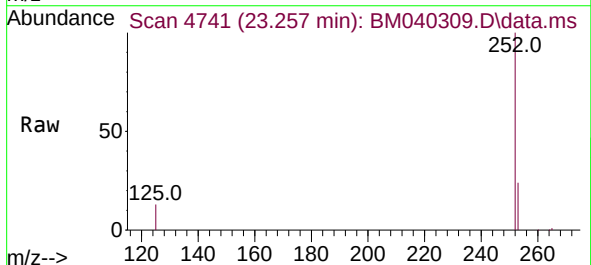
Manual Integrations
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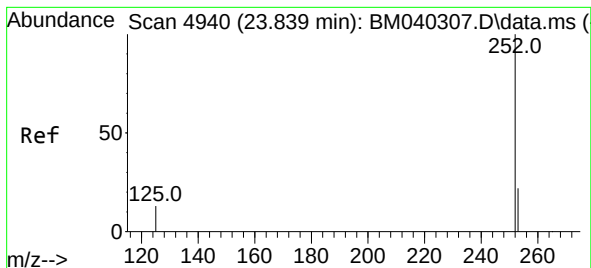
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#25
Benzo(k)fluoranthene
Concen: 11.273 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

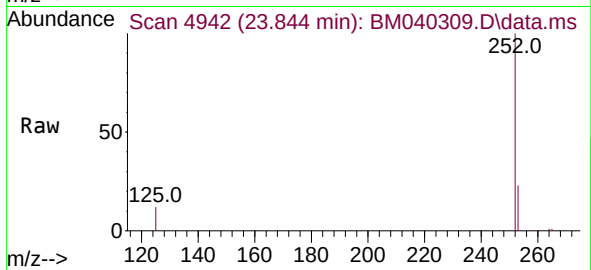
Tgt Ion:252 Resp: 1361286
Ion Ratio Lower Upper
252 100
253 24.1 21.5 32.3
125 13.0 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 25.937 ng/ul
RT: 23.844 min Scan# 4940
Delta R.T. -0.006 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

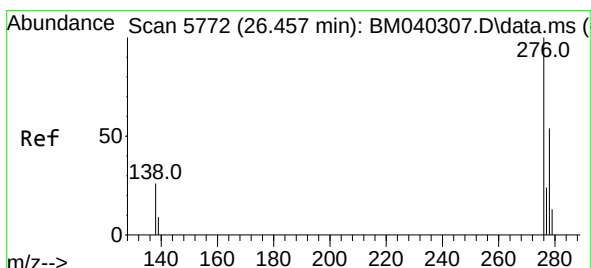
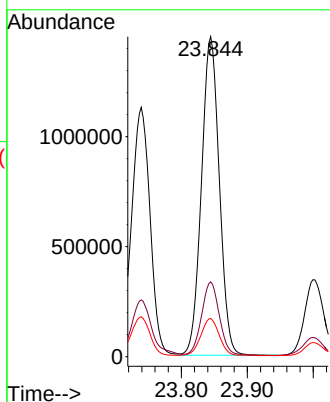
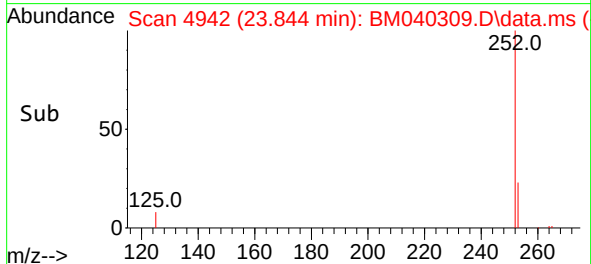
Instrument :
BNA_M
ClientSampleId :
DCFH1



Tgt Ion:252 Resp: 2729223
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 11.9 19.7 29.5

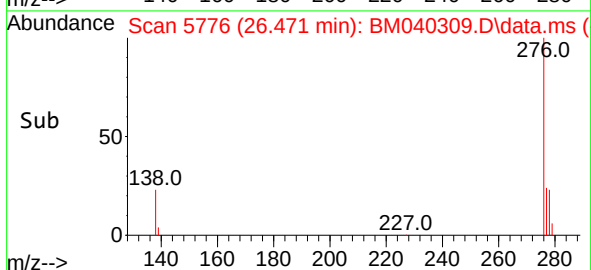
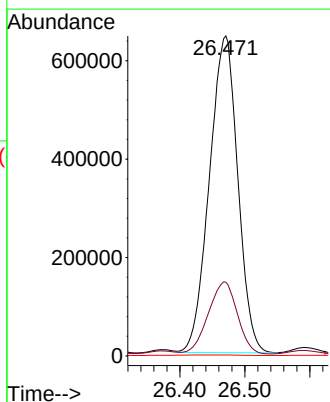
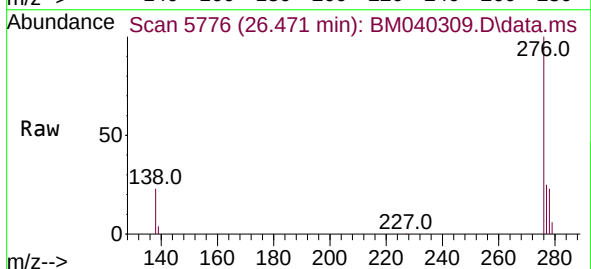
Manual Integrations
APPROVED

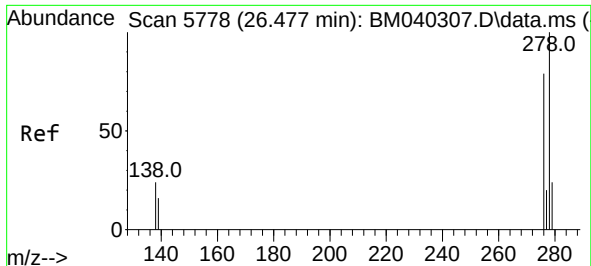
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 14.671 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

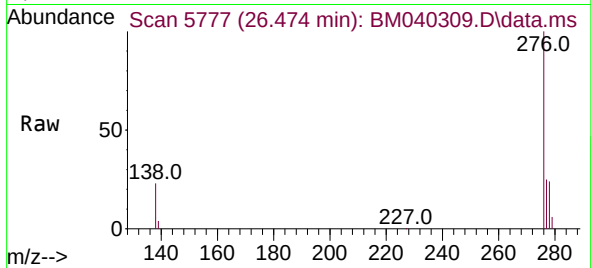
Tgt Ion:276 Resp: 1954170
Ion Ratio Lower Upper
276 100
138 23.3 23.3 34.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.827 ng/ul
RT: 26.474 min Scan# 51608
Delta R.T. -0.023 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

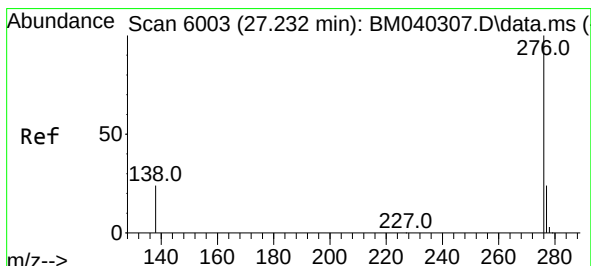
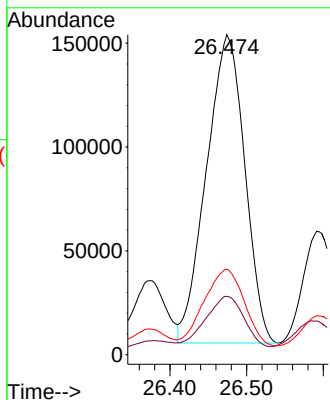
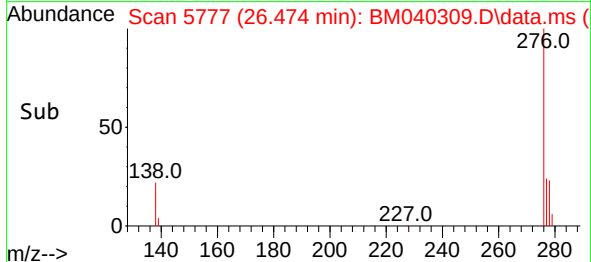
Instrument :
BNA_M
ClientSampleId :
DCFH1



Tgt Ion:278 Resp: 51608
Ion Ratio Lower Upper
278 100
139 18.3 16.4 24.6
279 26.7 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: 16.487 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

Tgt Ion:276 Resp: 1834192
Ion Ratio Lower Upper
276 100
138 23.7 21.0 31.4
277 24.1 19.6 29.4

