

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040479.D
 Acq On : 30 Jun 2023 19:38
 Operator : MA/JU
 Sample : 03161-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 04:47:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7102	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25431	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.582	164	11875	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	23244	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14217	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	18188	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	21945	1.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	4597	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	7383	0.162	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.794	128	59786	0.852	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	20119	0.488	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	15505	0.377	ng/ul	99
10) Acenaphthylene	14.299	152	116832	2.202	ng/ul	100
11) Acenaphthene	14.642	153	48823	1.090	ng/ul	98
12) Fluorene	15.627	166	49658	1.038	ng/ul	100
15) Phenanthrene	17.366	178	1156097	16.012	ng/ul	99
16) Anthracene	17.459	178	230488	3.799	ng/ul	99
19) Fluoranthene	19.384	202	3287030	54.429	ng/ul#	94
20) Pyrene	19.747	202	2484587	38.375	ng/ul	96
21) Benzo(a)anthracene	21.491	228	1253878	26.074	ng/ul	98
22) Chrysene	21.544	228	1268773	23.129	ng/ul	97
24) Benzo(b)fluoranthene	23.186	252	2286247	32.481	ng/ul	87
25) Benzo(k)fluoranthene	23.230	252	703283m	10.138	ng/ul	
26) Benzo(a)pyrene	23.815	252	1425204	22.478	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.430	276	1309422	14.829	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.437	278	322989	4.672	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	1160463	14.994	ng/ul	93

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

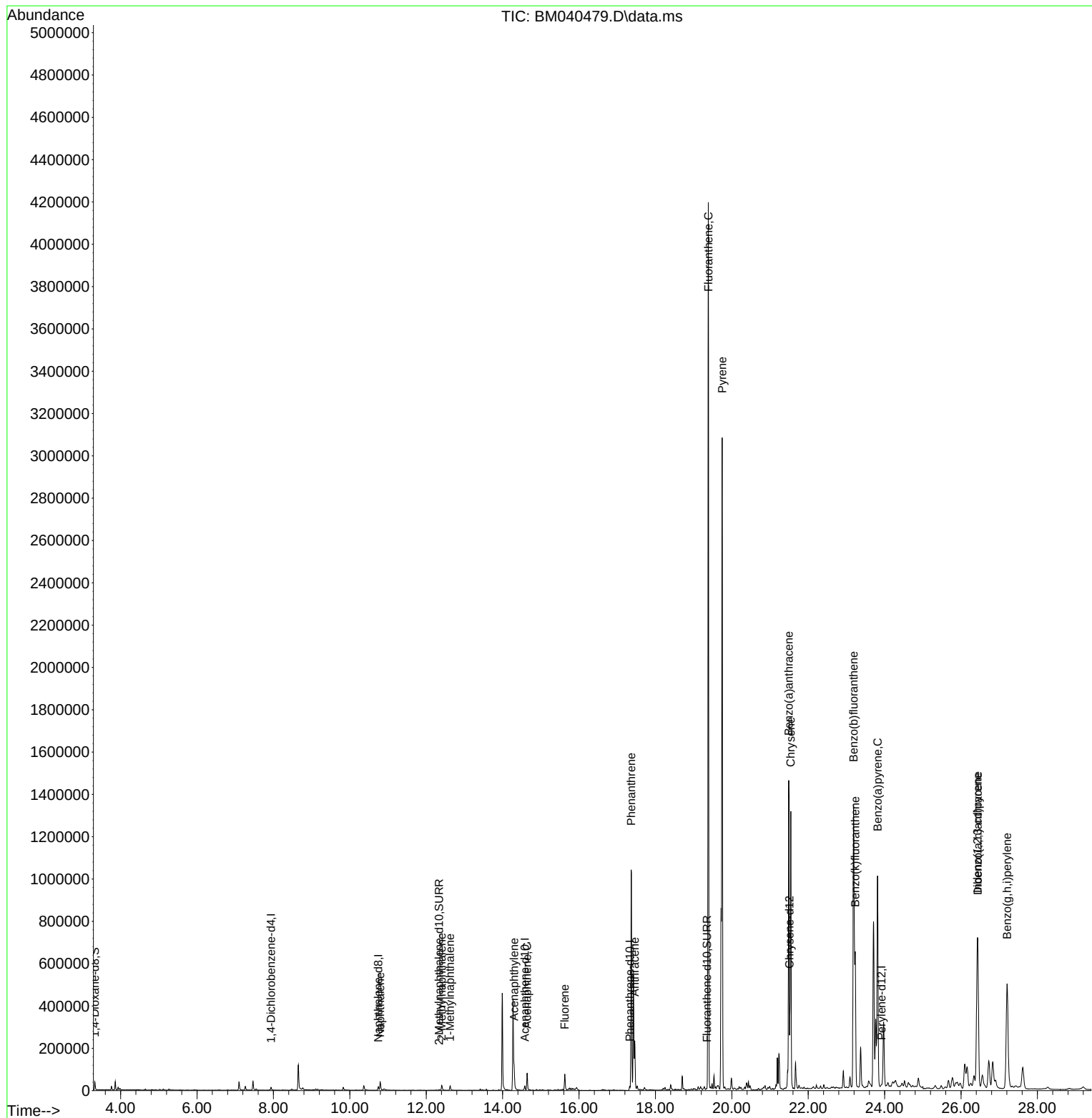
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040479.D
Acq On : 30 Jun 2023 19:38
Operator : MA/JU
Sample : 03161-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

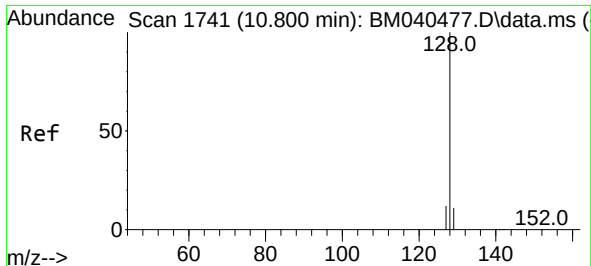
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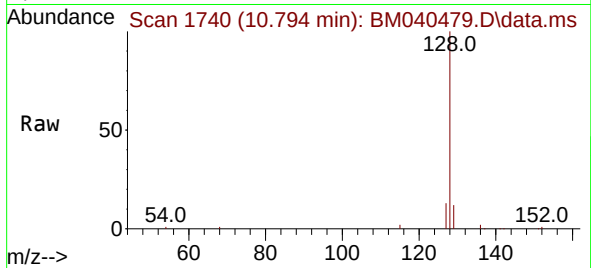
Quant Time: Jul 01 04:47:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.852 ng/ul
RT: 10.794 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

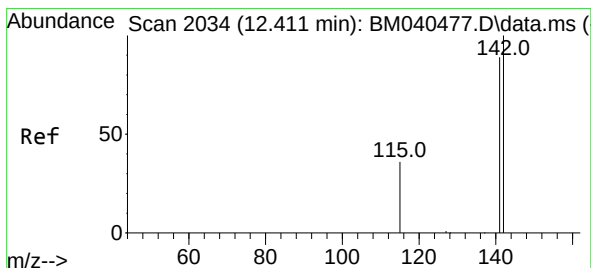
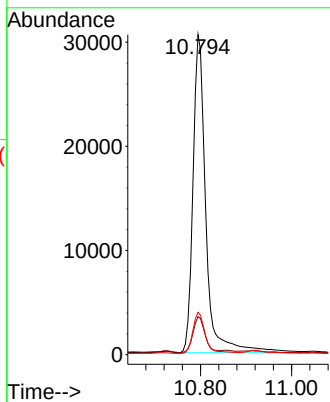
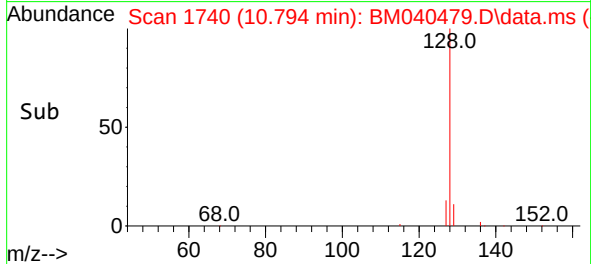
Instrument :
BNA_M
ClientSampleId :
DCFV6



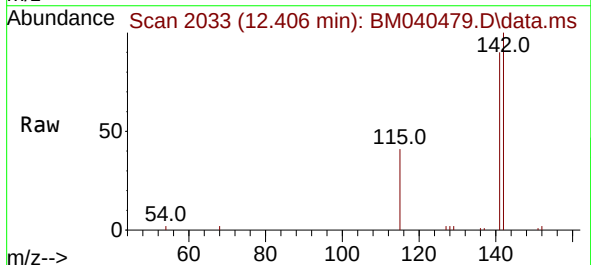
Tgt Ion:128 Resp: 59780
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.2 10.6 15.8

Manual Integrations
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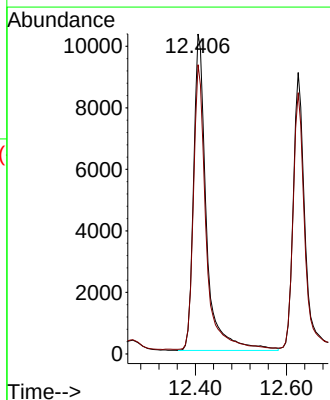
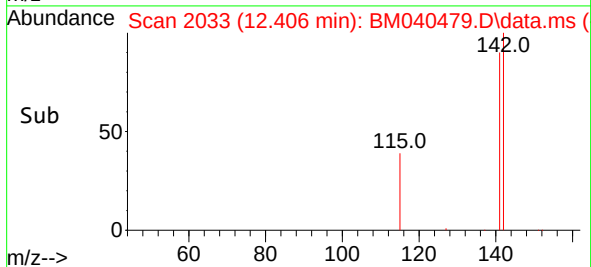
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

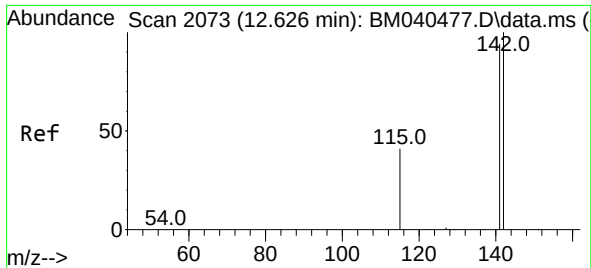


#7
2-Methylnaphthalene
Concen: 0.488 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38



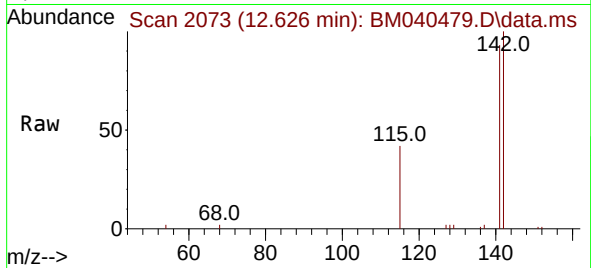
Tgt Ion:142 Resp: 20119
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

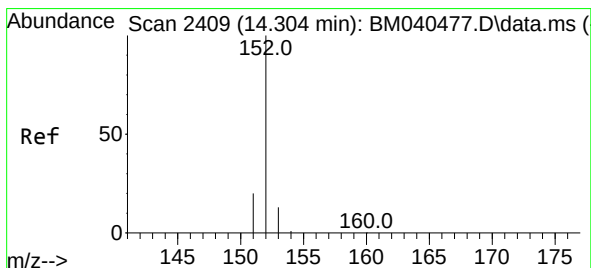
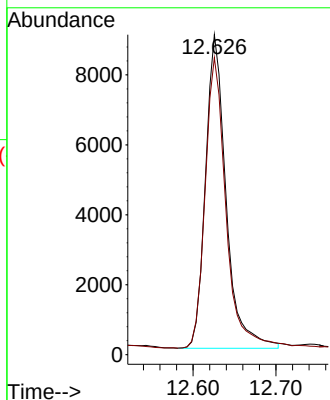
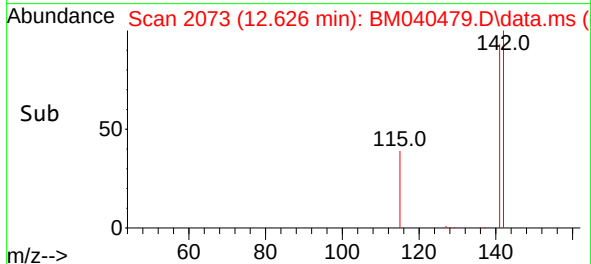
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1550
Ion Ratio Lower Upper
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141 93.4 73.7 110.5

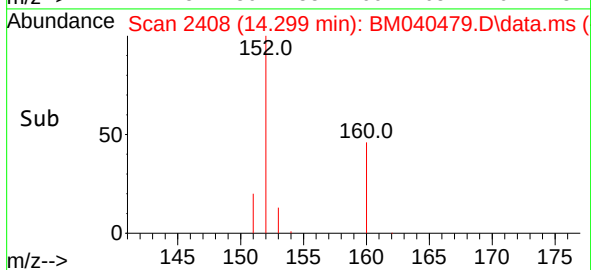
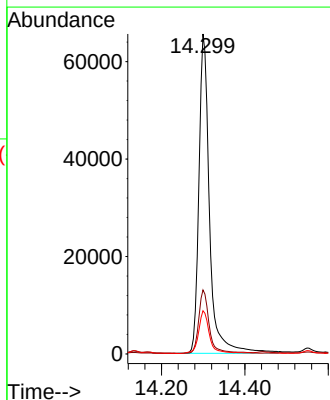
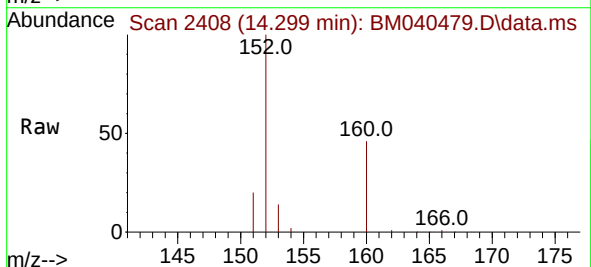
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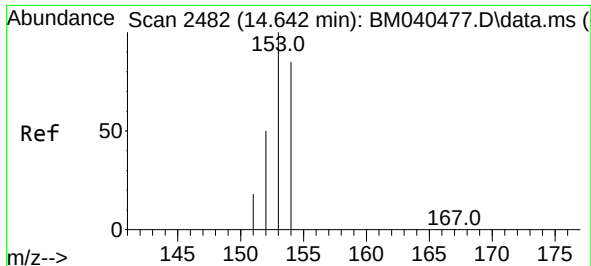
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 2.202 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

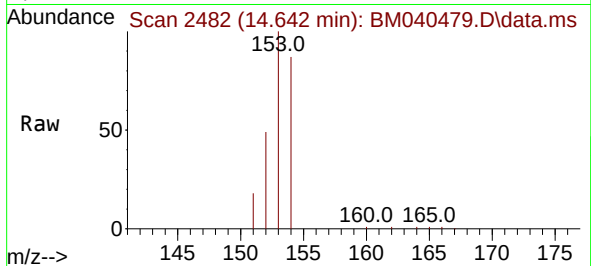
Tgt Ion:152 Resp: 116832
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 1.090 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

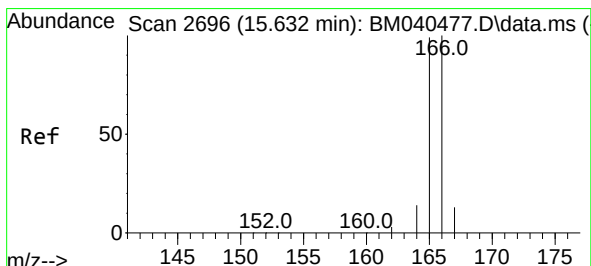
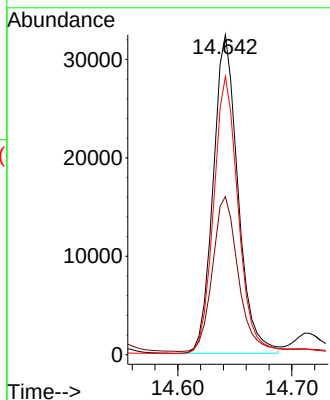
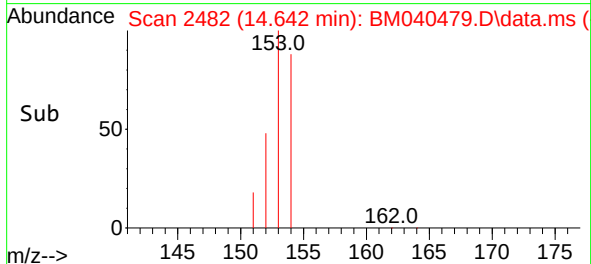
Instrument :
BNA_M
ClientSampleId :
DCFW6



Tgt Ion:153 Resp: 4882
Ion Ratio Lower Upper
153 100
152 49.4 41.0 61.4
154 86.9 70.8 106.2

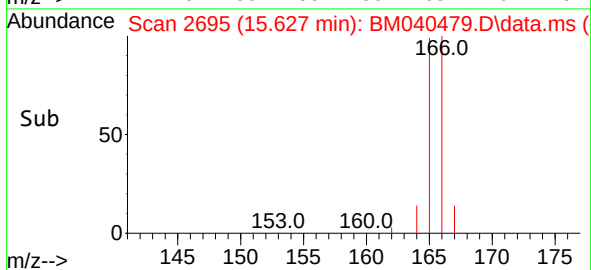
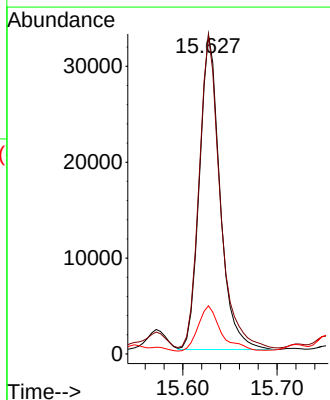
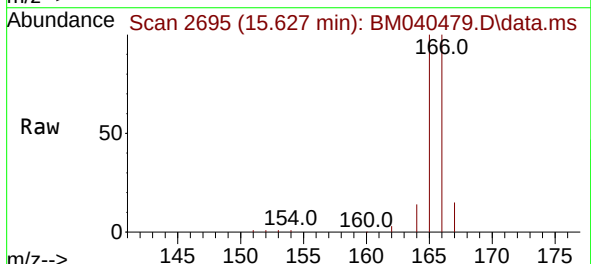
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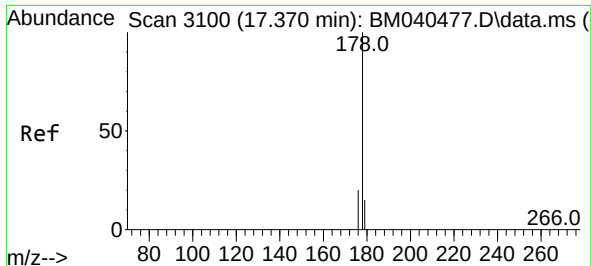
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 1.038 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

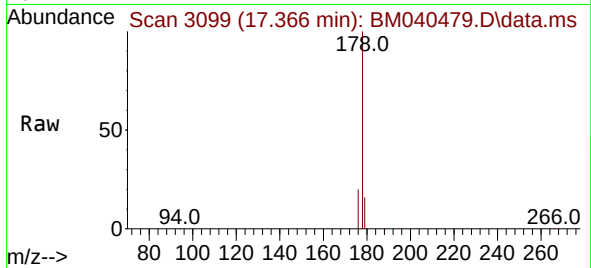
Tgt Ion:166 Resp: 49658
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 15.0 11.4 17.0





#15
Phenanthrene
Concen: 16.012 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

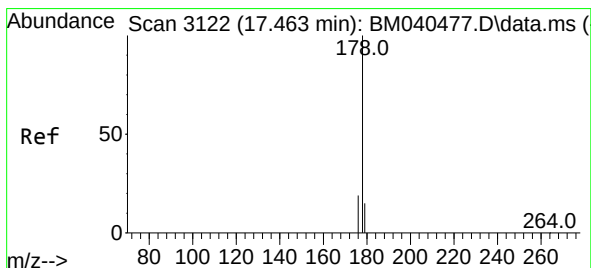
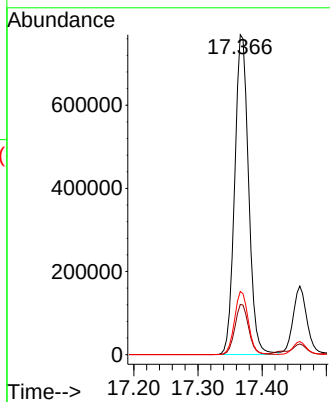
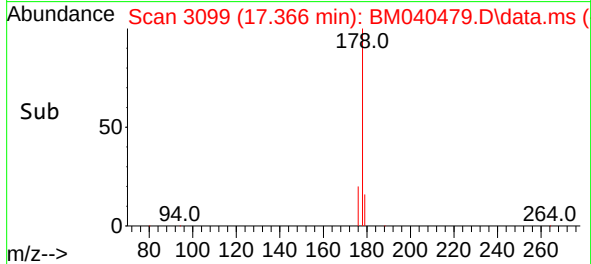
Instrument :
BNA_M
ClientSampleId :
DCFW6



Tgt Ion:178 Resp: 115609
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.8 16.4 24.6

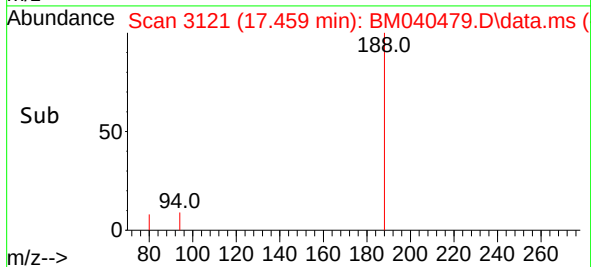
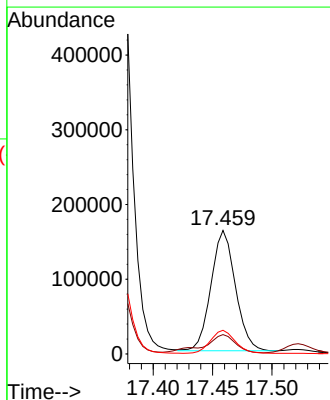
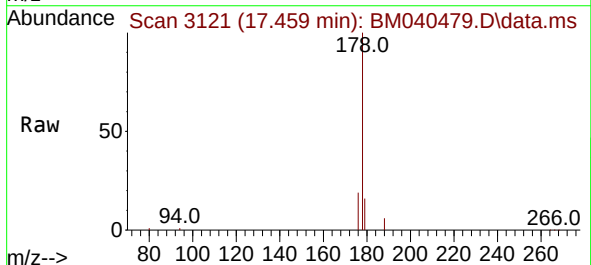
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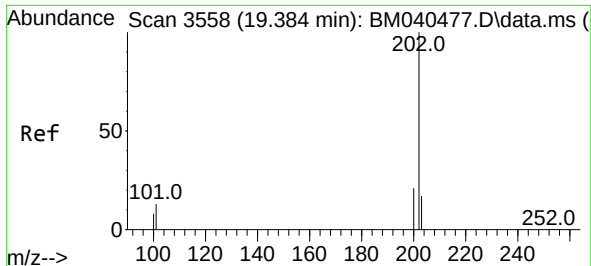
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 3.799 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

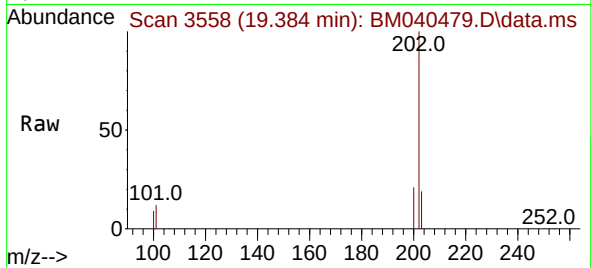
Tgt Ion:178 Resp: 230488
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.2 15.8 23.6





#19
Fluoranthene
Concen: 54.429 ng/u1
RT: 19.384 min Scan# 3558
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

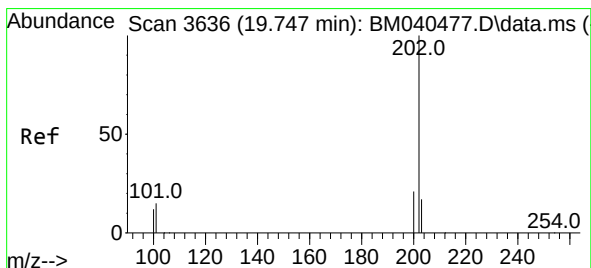
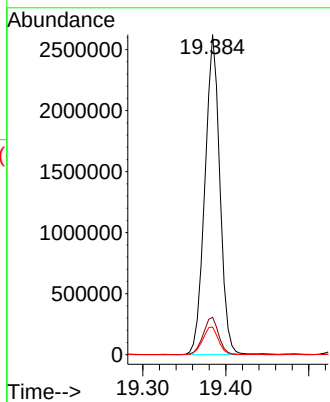
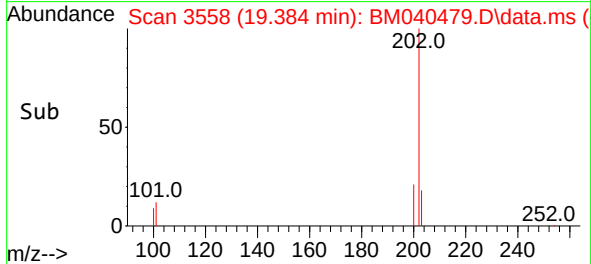
Instrument :
BNA_M
ClientSampleId :
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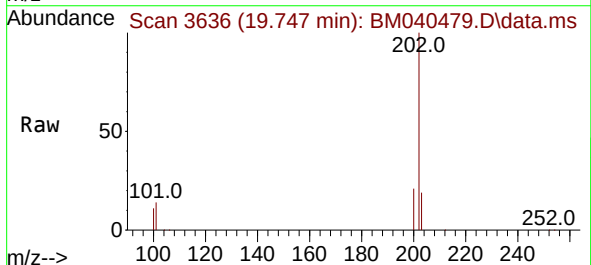
Tgt Ion:202 Resp: 3287030
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 8.7 8.7 13.1

Manual Integrations
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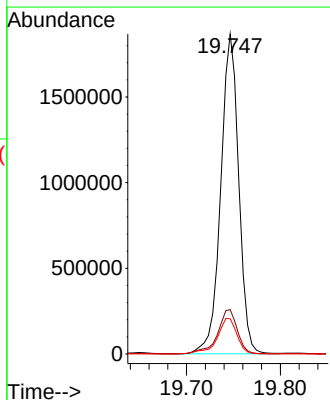
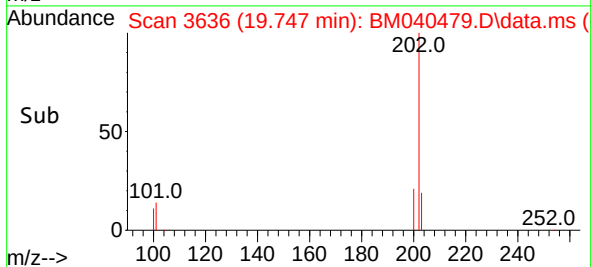
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

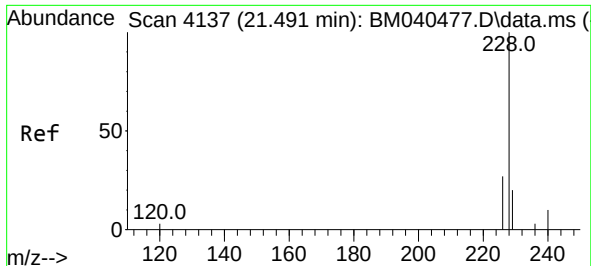


#20
Pyrene
Concen: 38.375 ng/u1
RT: 19.747 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38



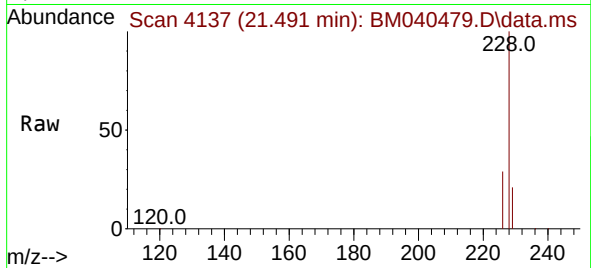
Tgt Ion:202 Resp: 2484587
Ion Ratio Lower Upper
202 100
101 13.9 12.6 18.8
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 26.074 ng/u1
RT: 21.491 min Scan# 4137
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

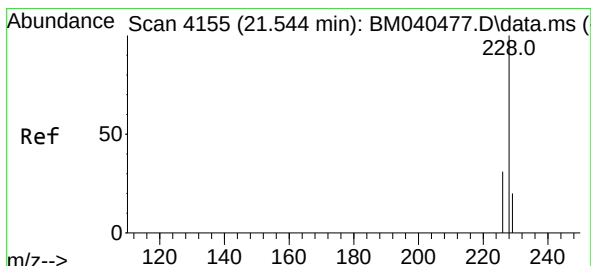
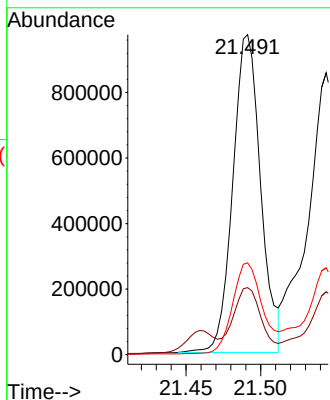
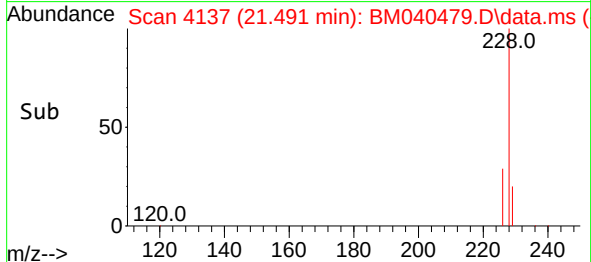
Instrument :
BNA_M
ClientSampleId :
DCFW6



Tgt Ion:228 Resp: 1253878
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.7 22.3 33.5

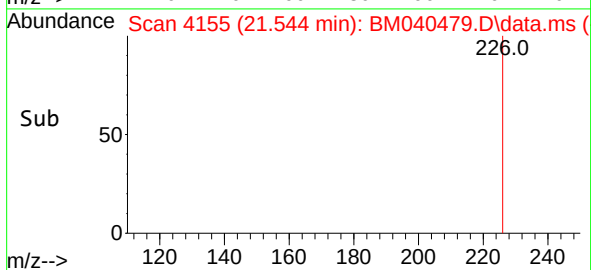
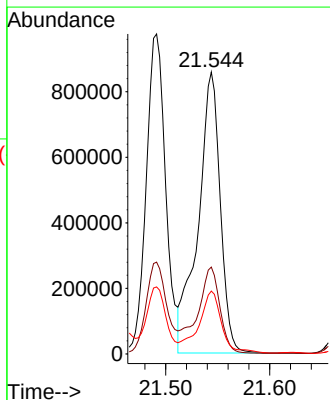
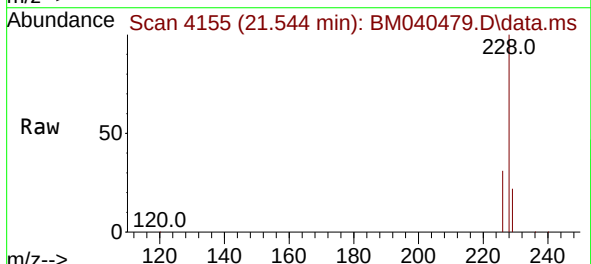
Manual Integrations
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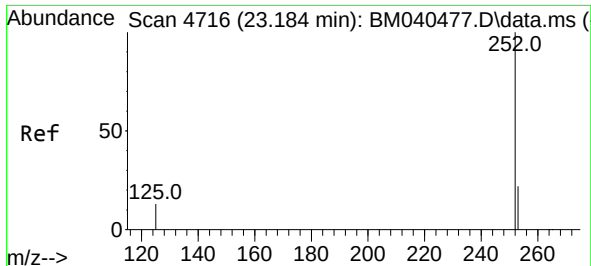
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 23.129 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

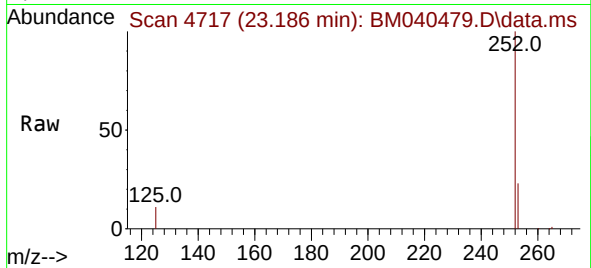
Tgt Ion:228 Resp: 1268773
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 32.481 ng/ul
RT: 23.186 min Scan# 4716
Delta R.T. 0.006 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

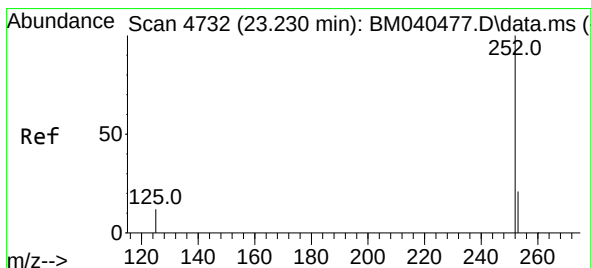
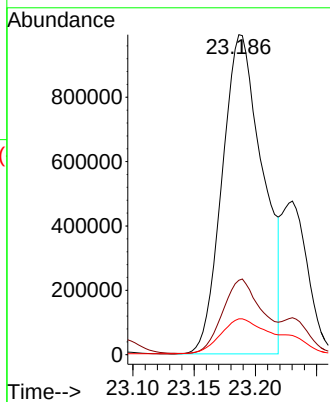
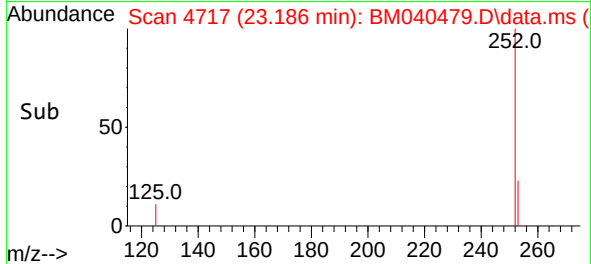
Instrument :
BNA_M
ClientSampleId :
DCFW6



Tgt Ion:252 Resp: 228624
Ion Ratio Lower Upper
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253 23.3 0.0 52.8
125 11.2 0.0 43.0

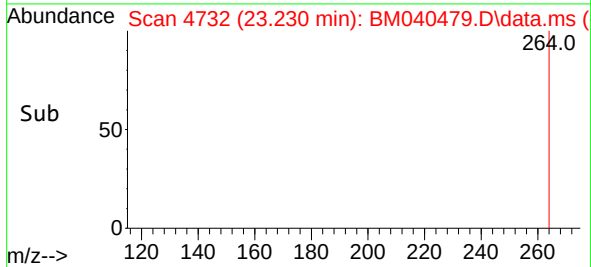
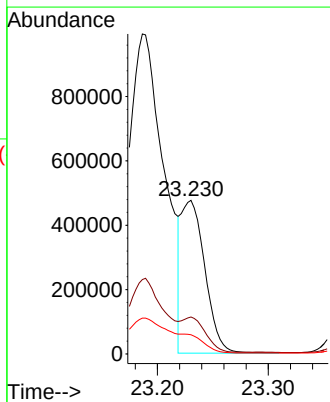
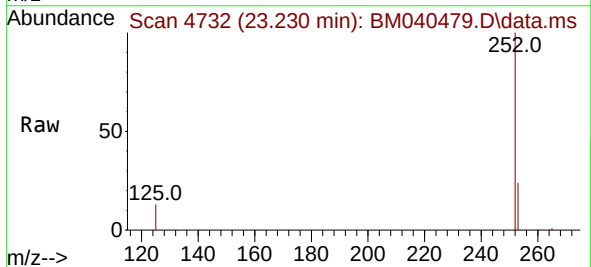
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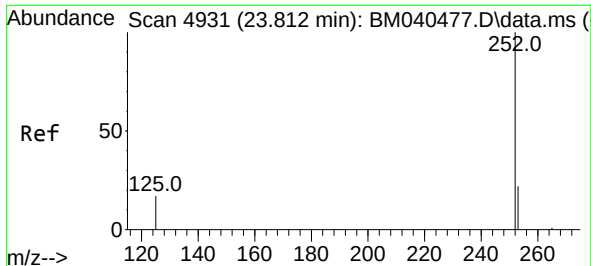
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 10.138 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

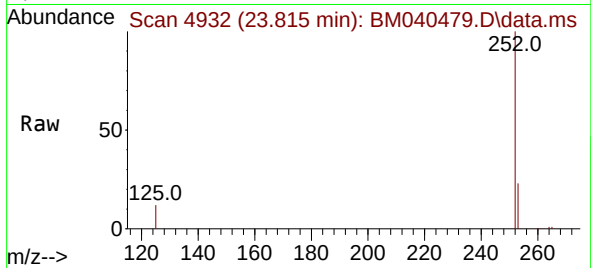
Tgt Ion:252 Resp: 703283
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 12.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 22.478 ng/ul
RT: 23.815 min Scan# 4931
Delta R.T. 0.003 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

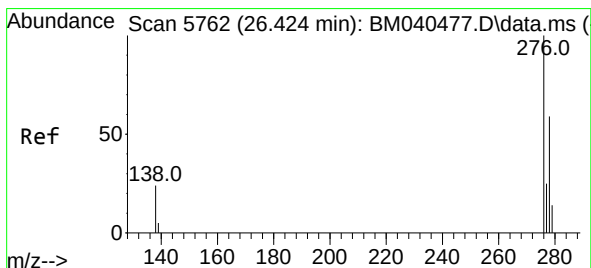
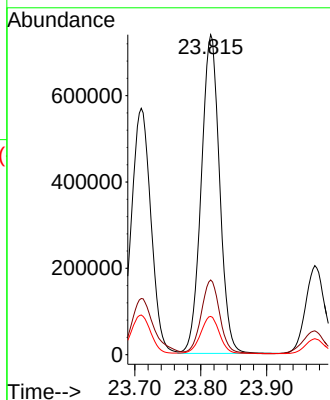
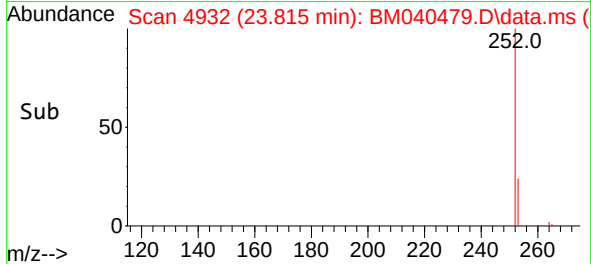
Instrument :
BNA_M
ClientSampleId :
DCFV6



Tgt Ion:252 Resp: 1425204
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 11.9 21.0 31.4

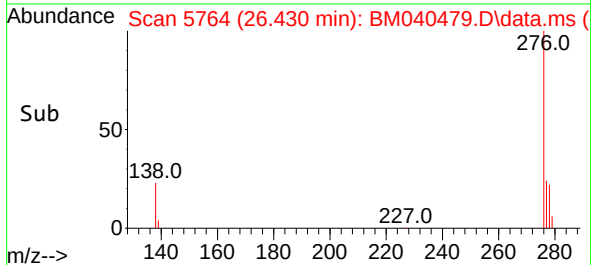
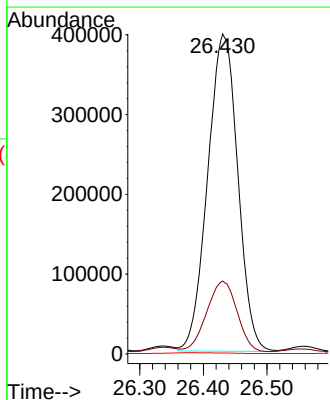
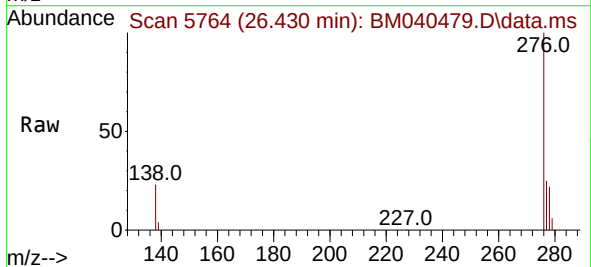
Manual Integrations
APPROVED

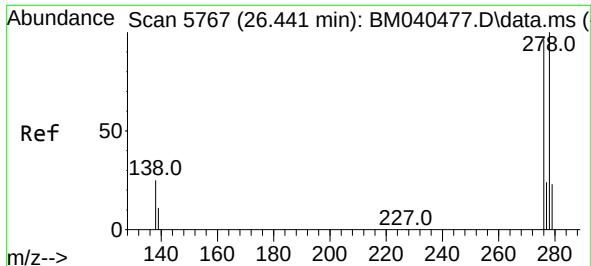
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 14.829 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. 0.010 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

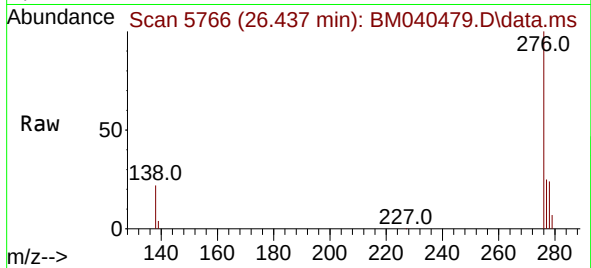
Tgt Ion:276 Resp: 1309422
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 4.672 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.000 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

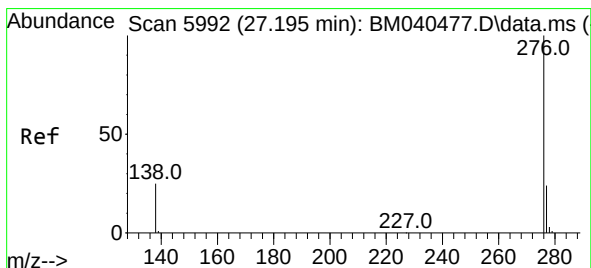
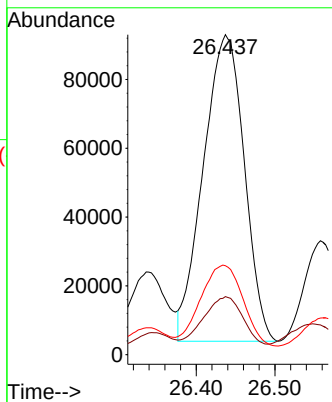
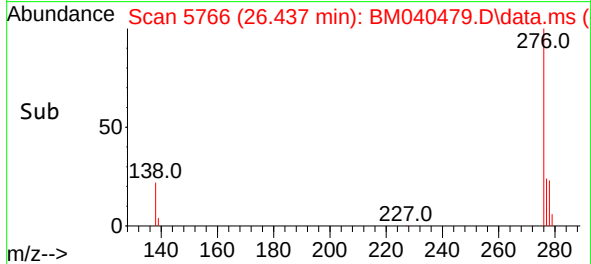
Instrument :
BNA_M
ClientSampleId :
DCFW6



Tgt Ion:278 Resp: 322985
Ion Ratio Lower Upper
278 100
139 18.2 17.9 26.9
279 27.8 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 14.994 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.020 min
Lab File: BM040479.D
Acq: 30 Jun 2023 19:38

Tgt Ion:276 Resp: 1160463
Ion Ratio Lower Upper
276 100
138 23.2 23.0 34.6
277 24.2 20.3 30.5

