

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040469.D
 Acq On : 30 Jun 2023 13:21
 Operator : MA/JU
 Sample : 03239-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ6

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 03:03:11 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	6931	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25566	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.582	164	13059	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	27105	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	17983	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	19818	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	25473	2.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5938	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	10914	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.794	128	9994	0.142	ng/ul#	94
7) 2-Methylnaphthalene	12.411	142	5020	0.121	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	3381	0.082	ng/ul	97
10) Acenaphthylene	14.299	152	8768	0.150	ng/ul#	95
11) Acenaphthene	14.642	153	4775	0.097	ng/ul	98
12) Fluorene	15.627	166	5737	0.109	ng/ul#	99
15) Phenanthrene	17.366	178	127644	1.516	ng/ul	99
16) Anthracene	17.459	178	22963	0.325	ng/ul	98
19) Fluoranthene	19.384	202	427362	5.595	ng/ul	94
20) Pyrene	19.747	202	396438	4.841	ng/ul	97
21) Benzo(a)anthracene	21.491	228	352013	5.787	ng/ul	99
22) Chrysene	21.544	228	445482	6.420	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	779832	10.168	ng/ul	87
25) Benzo(k)fluoranthene	23.230	252	236668m	3.131	ng/ul	
26) Benzo(a)pyrene	23.812	252	438829	6.352	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.424	276	348069	3.618	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.430	278	111671	1.482	ng/ul	96
29) Benzo(g,h,i)perylene	27.202	276	328244	3.892	ng/ul	94

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

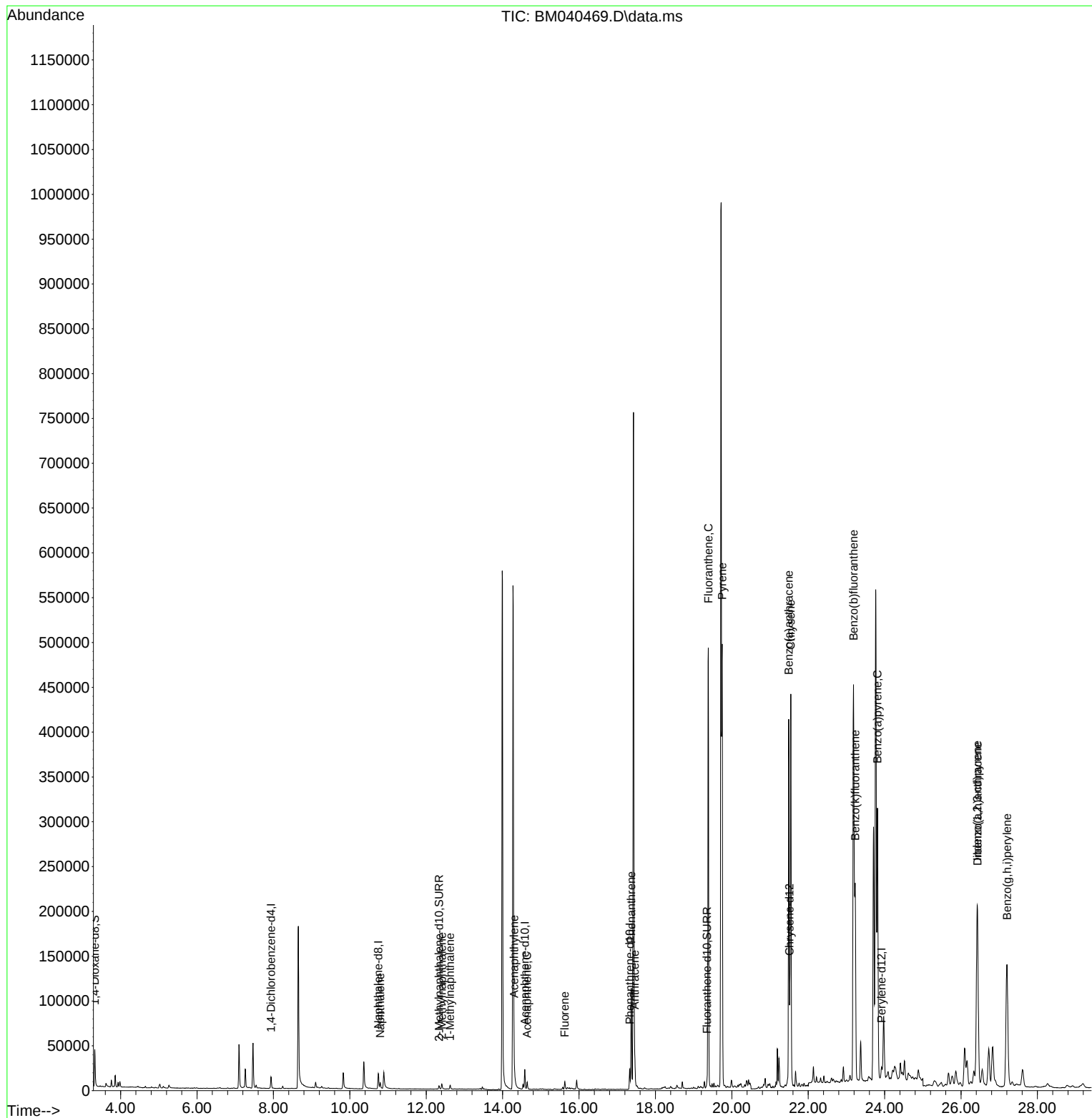
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040469.D
Acq On : 30 Jun 2023 13:21
Operator : MA/JU
Sample : 03239-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

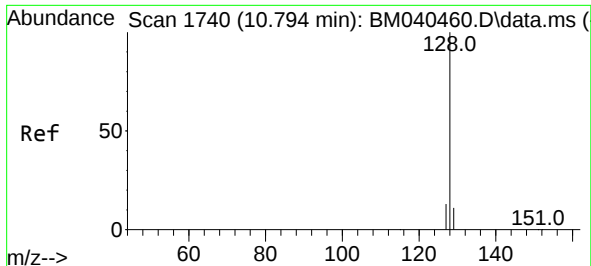
Instrument :
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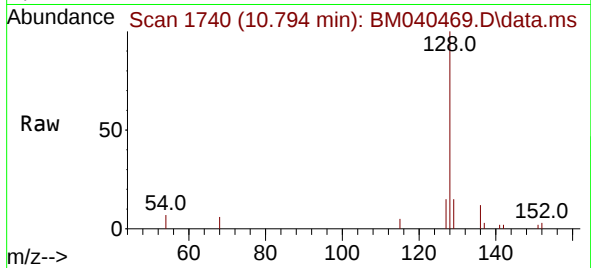
Quant Time: Jul 01 03:03:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.794 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

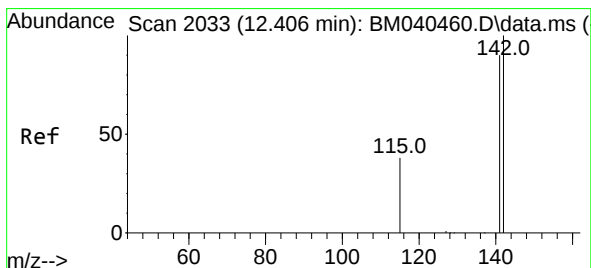
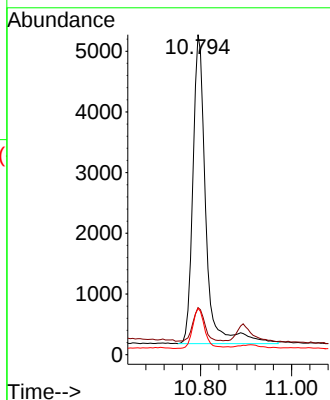
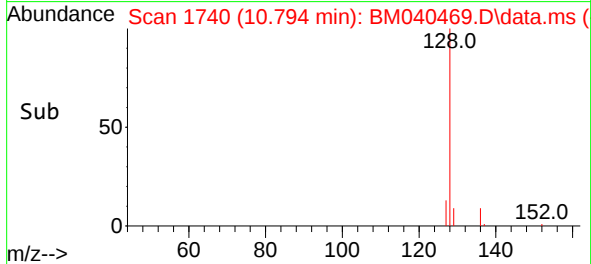
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:128 Resp: 9994
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8
127 14.5 10.6 15.8

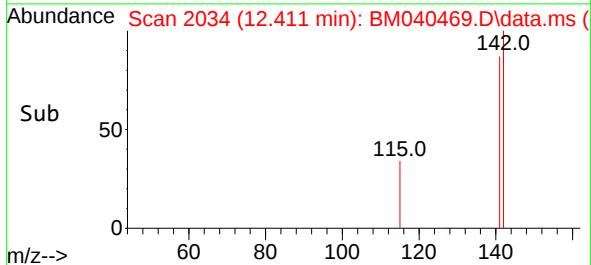
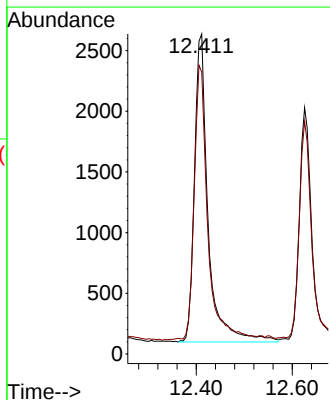
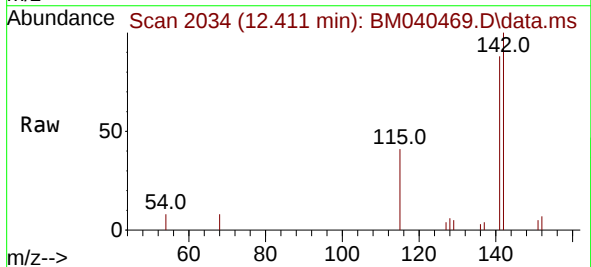
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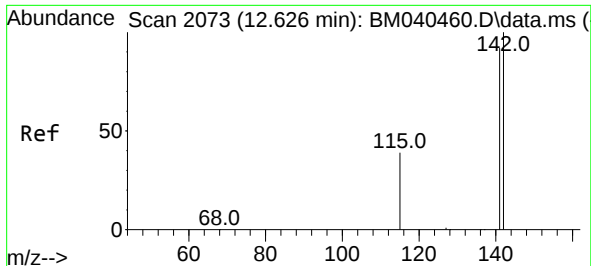
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.005 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

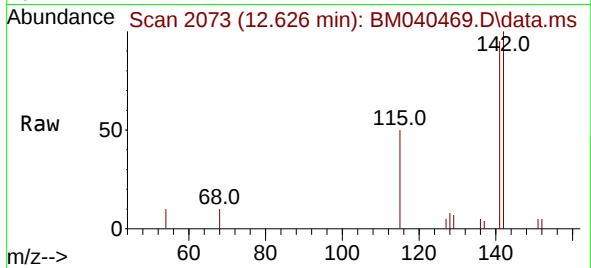
Tgt Ion:142 Resp: 5020
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

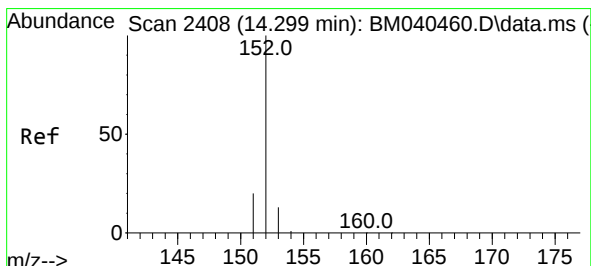
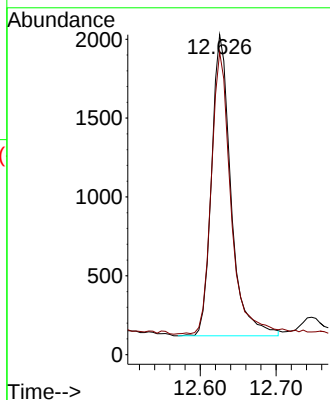
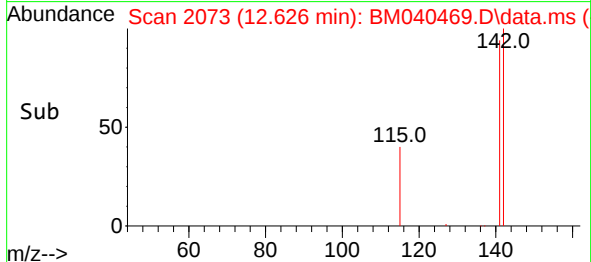
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 338
Ion Ratio Lower Upper
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141 94.6 73.7 110.5

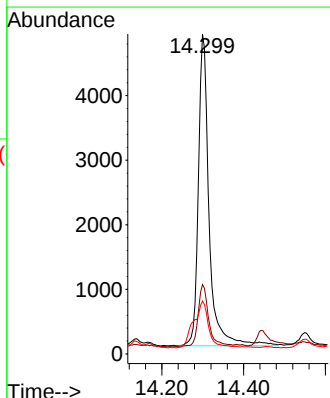
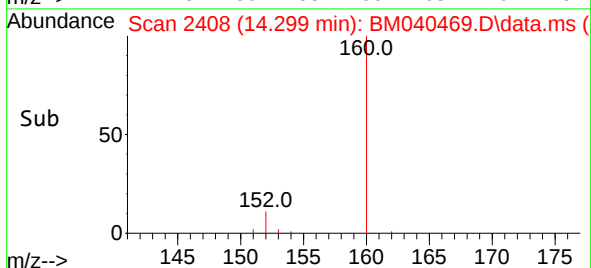
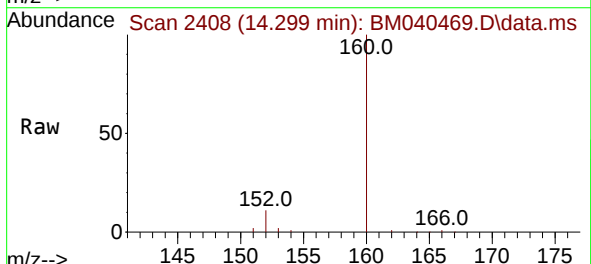
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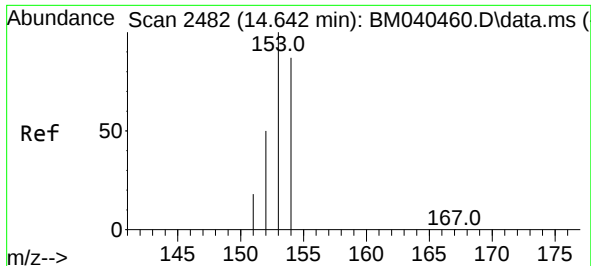
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.150 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

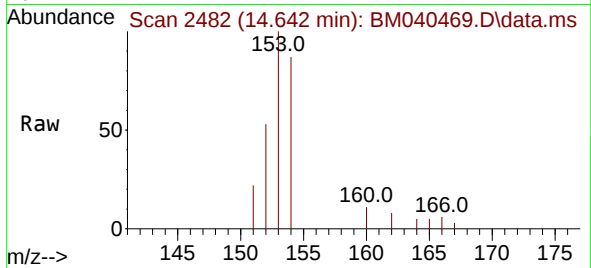
Tgt Ion:152 Resp: 8768
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 16.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

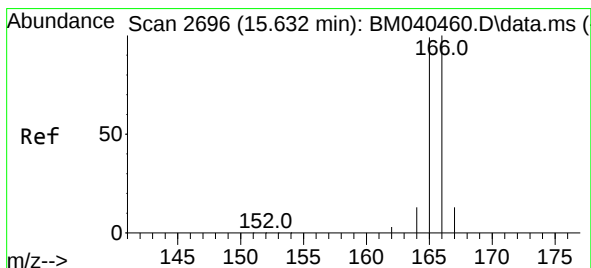
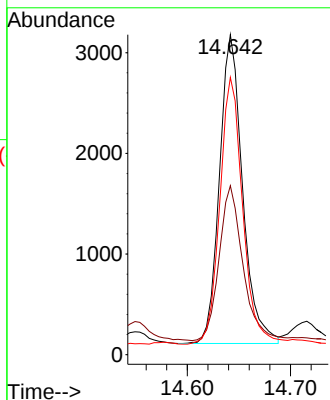
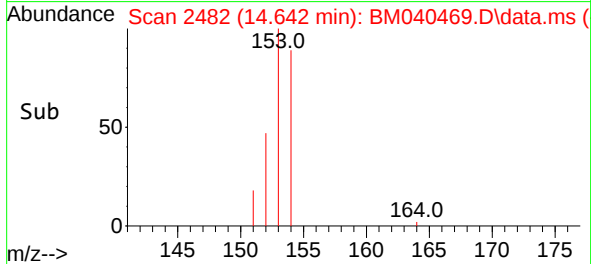
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:153 Resp: 4775
Ion Ratio Lower Upper
153 100
152 52.8 41.0 61.4
154 86.6 70.8 106.2

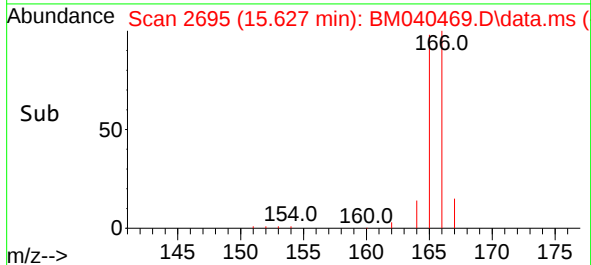
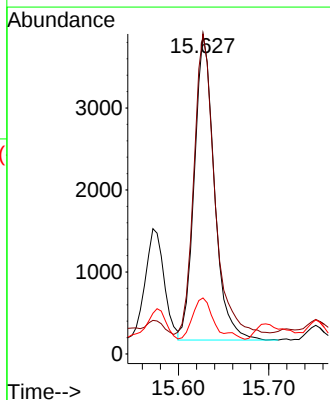
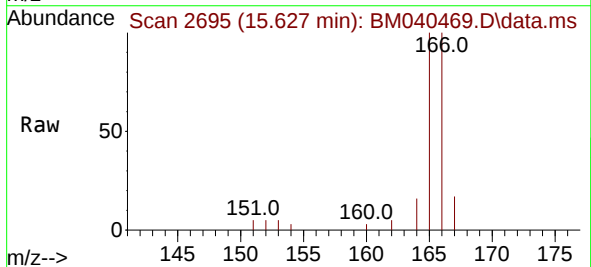
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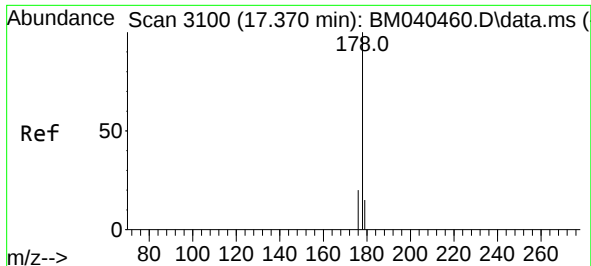
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

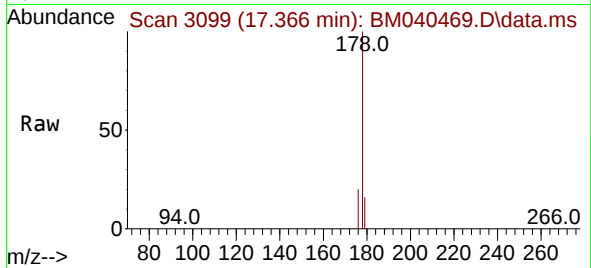
Tgt Ion:166 Resp: 5737
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 17.5 11.4 17.0#





#15
Phenanthrene
Concen: 1.516 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

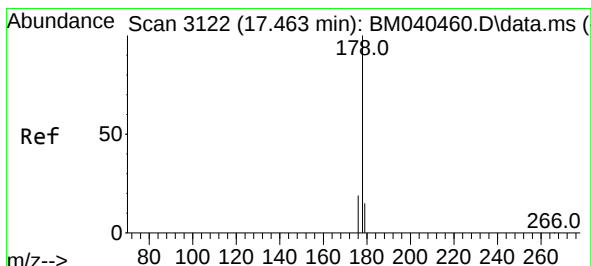
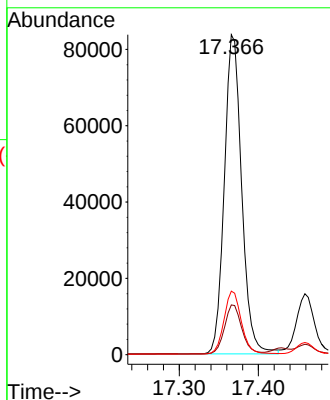
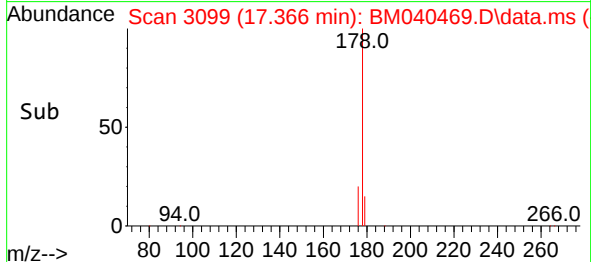
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:178 Resp: 127644
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.8 16.4 24.6

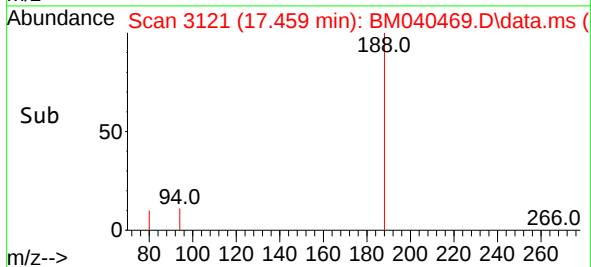
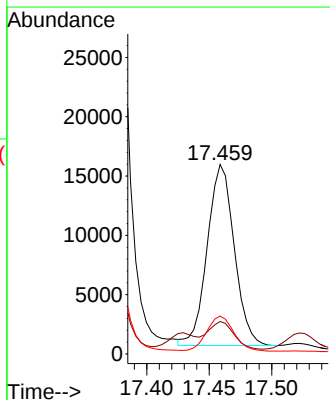
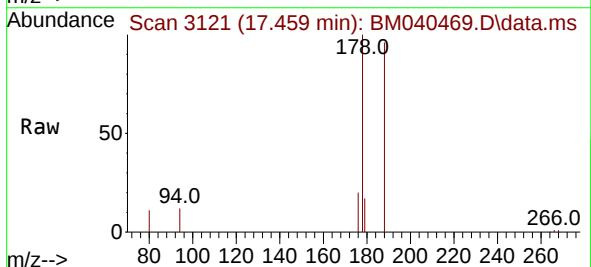
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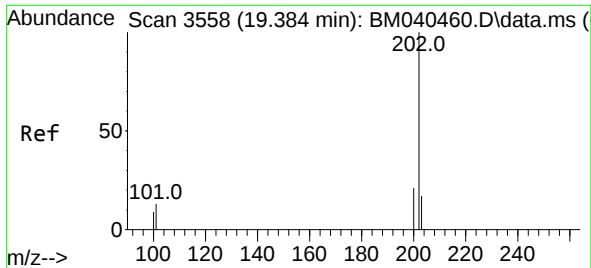
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.325 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

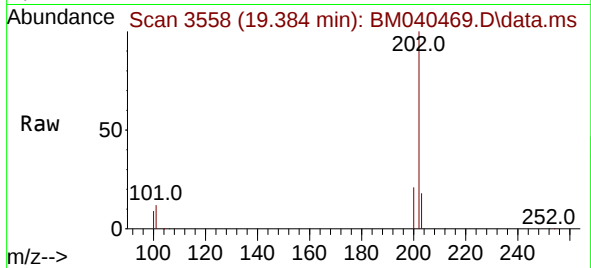
Tgt Ion:178 Resp: 22963
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 20.1 15.8 23.6





#19
Fluoranthene
Concen: 5.595 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

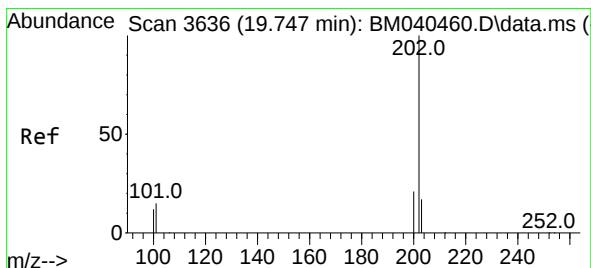
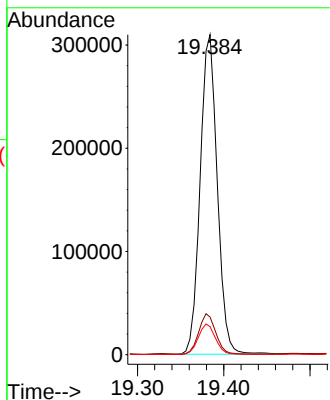
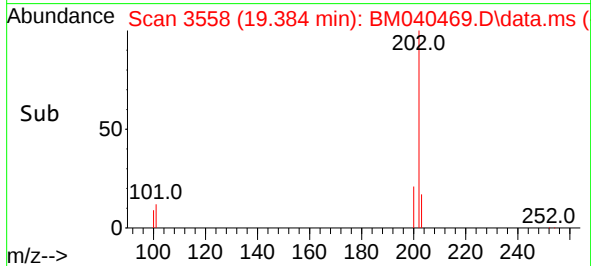
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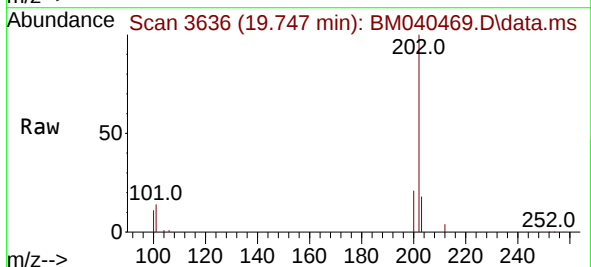
Tgt Ion:202 Resp: 427362
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 8.8 8.7 13.1

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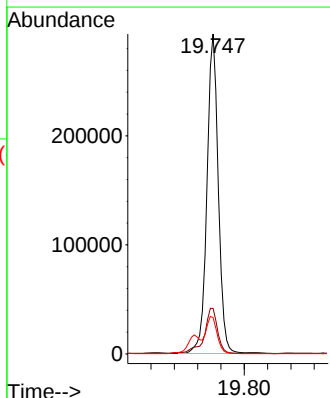
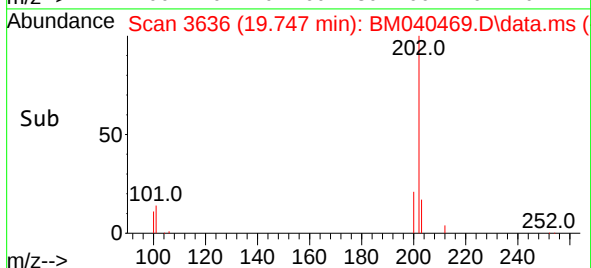
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

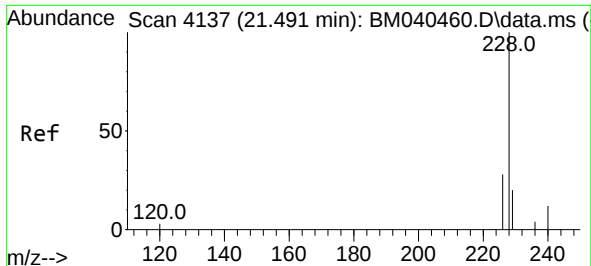


#20
Pyrene
Concen: 4.841 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21



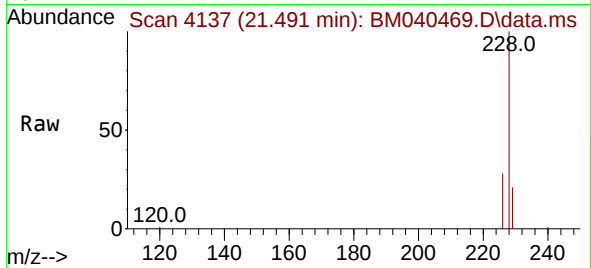
Tgt Ion:202 Resp: 396438
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.787 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

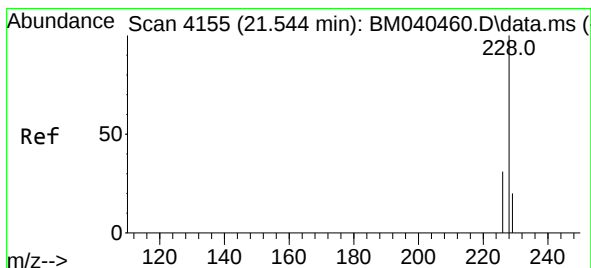
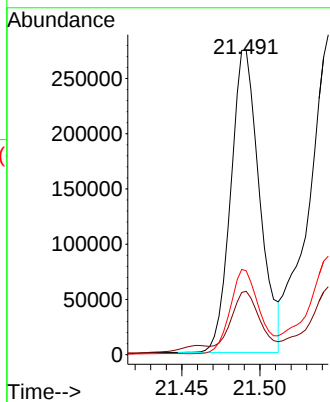
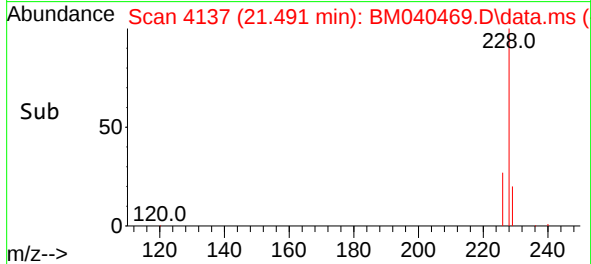
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:228 Resp: 352011
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 27.6 22.3 33.5

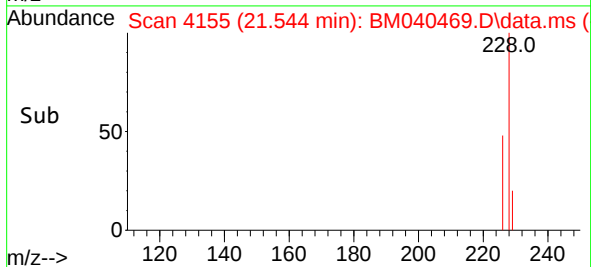
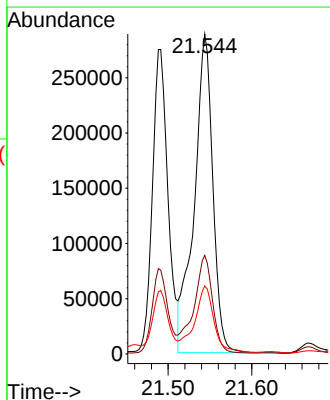
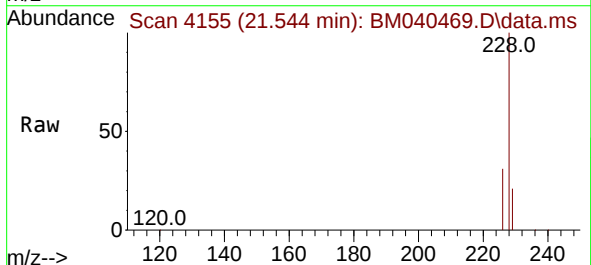
Manual Integrations
APPROVED

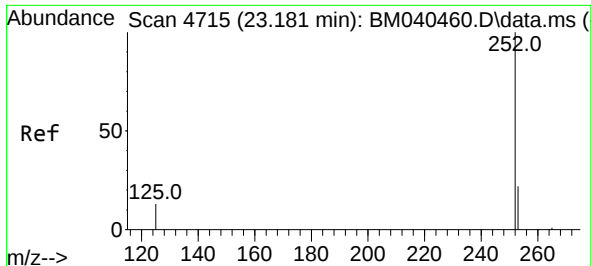
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 6.420 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

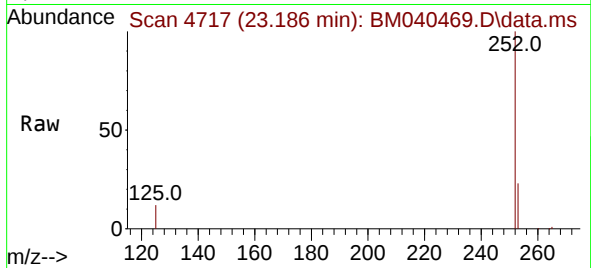
Tgt Ion:228 Resp: 445482
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 10.168 ng/ul
RT: 23.186 min Scan# 4717
Delta R.T. 0.006 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

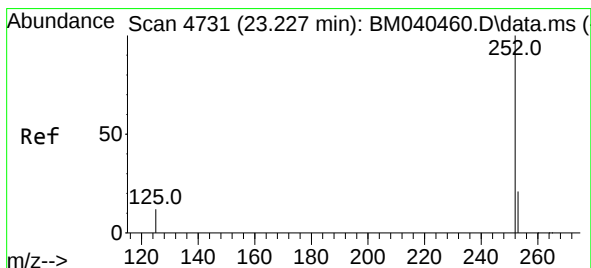
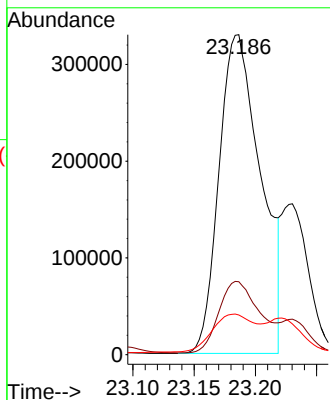
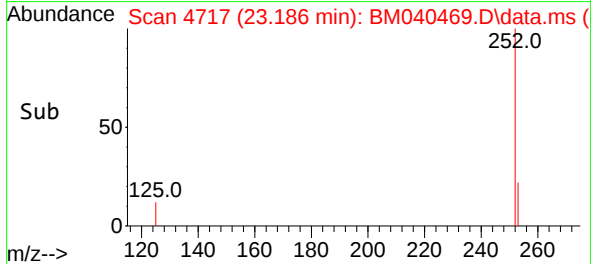
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:252 Resp: 77983
Ion Ratio Lower Upper
252 100
253 22.8 0.0 52.8
125 12.4 0.0 43.0

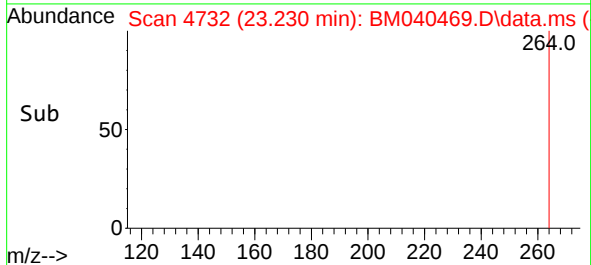
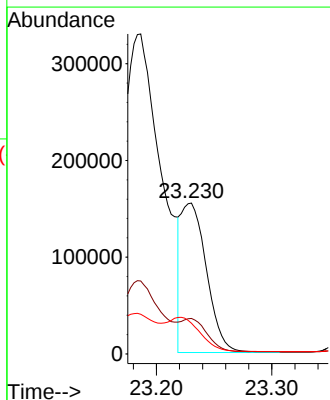
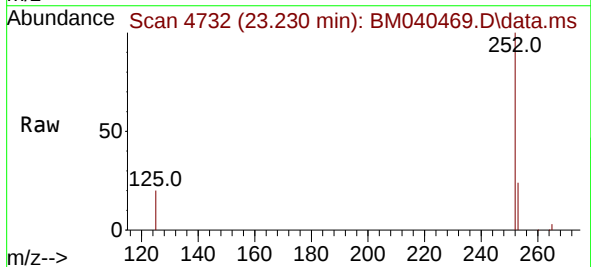
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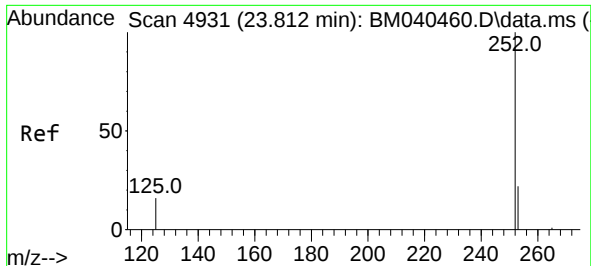
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 3.131 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

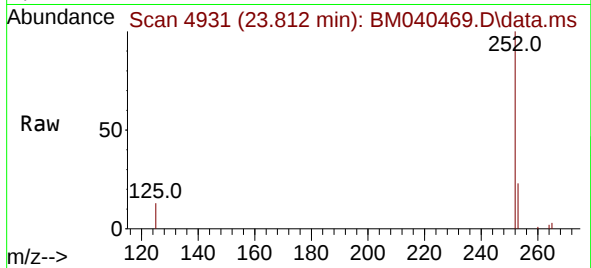
Tgt Ion:252 Resp: 236668
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 20.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 6.352 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

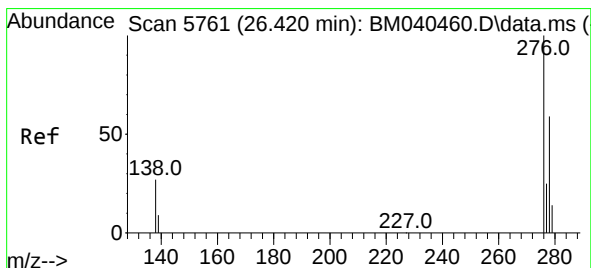
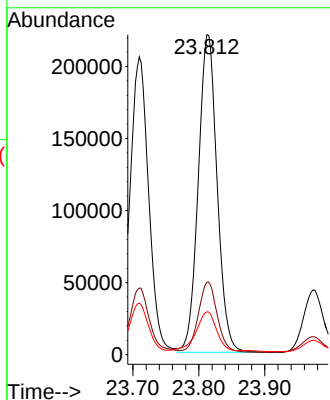
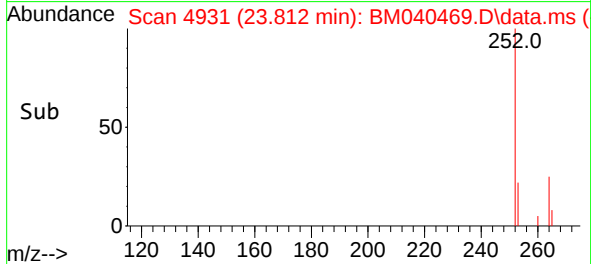
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:252 Resp: 438829
Ion Ratio Lower Upper
252 100
253 22.6 22.9 34.3#
125 13.4 21.0 31.4#

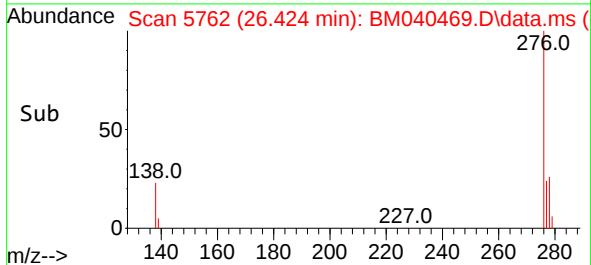
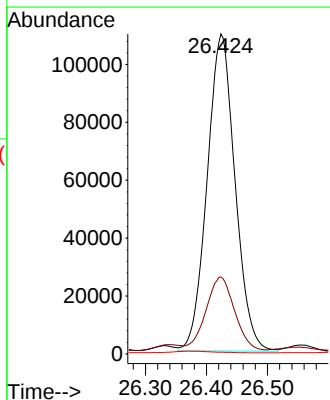
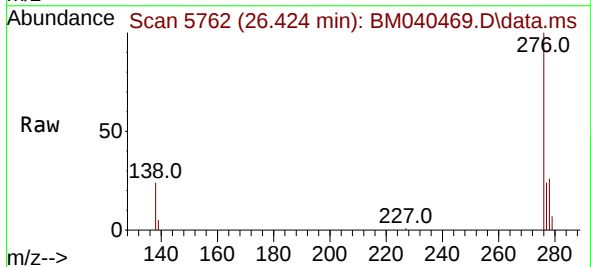
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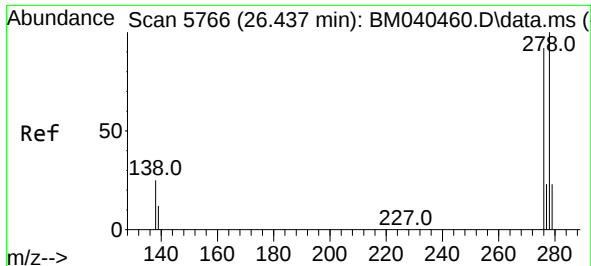
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.618 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

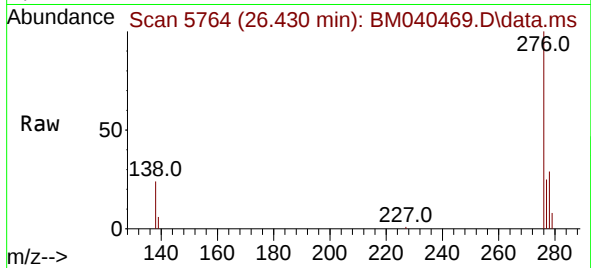
Tgt Ion:276 Resp: 348069
Ion Ratio Lower Upper
276 100
138 23.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.482 ng/ul
RT: 26.430 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

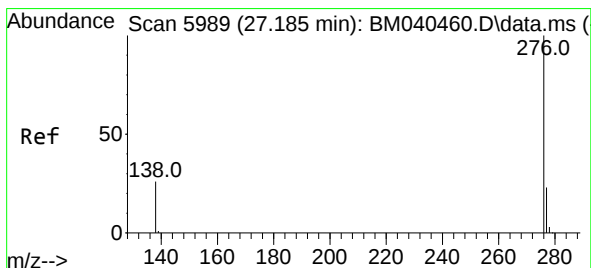
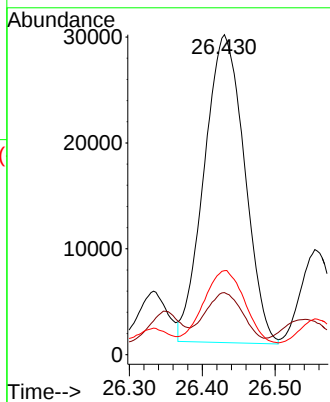
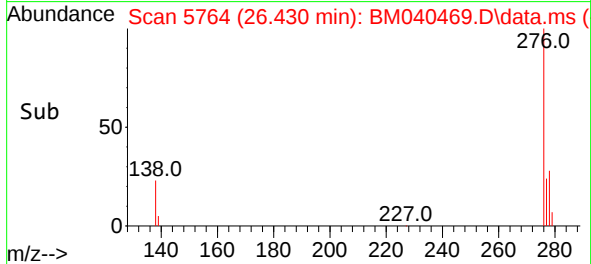
Instrument :
BNA_M
ClientSampleId :
DCFZ6



Tgt Ion:278 Resp: 11167
Ion Ratio Lower Upper
278 100
139 19.4 17.9 26.9
279 26.2 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: 3.892 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:276 Resp: 328244
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 23.8 20.3 30.5

