

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040462.D
 Acq On : 30 Jun 2023 09:02
 Operator : MA/JU
 Sample : 03239-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX9

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 03:02:08 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	8630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	31260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	14447	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	28775	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	17438	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	18884	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	16181	1.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	3455	0.079	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	5531	0.099	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.794	128	27911	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	21949	0.433	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	16545	0.327	ng/ul	99
10) Acenaphthylene	14.299	152	27559	0.427	ng/ul	97
11) Acenaphthene	14.637	153	8869	0.163	ng/ul	98
12) Fluorene	15.627	166	8302	0.143	ng/ul#	97
15) Phenanthrene	17.366	178	247137	2.765	ng/ul	98
16) Anthracene	17.459	178	41266	0.549	ng/ul	99
19) Fluoranthene	19.380	202	737600	9.958	ng/ul	97
20) Pyrene	19.742	202	571426	7.196	ng/ul	99
21) Benzo(a)anthracene	21.488	228	295238	5.005	ng/ul	99
22) Chrysene	21.544	228	334923	4.978	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	569041	7.786	ng/ul	88
25) Benzo(k)fluoranthene	23.227	252	196155m	2.724	ng/ul	
26) Benzo(a)pyrene	23.812	252	306942	4.663	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.420	276	288900	3.151	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.430	278	74898	1.043	ng/ul	96
29) Benzo(g,h,i)perylene	27.192	276	48472	0.603	ng/ul	99

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

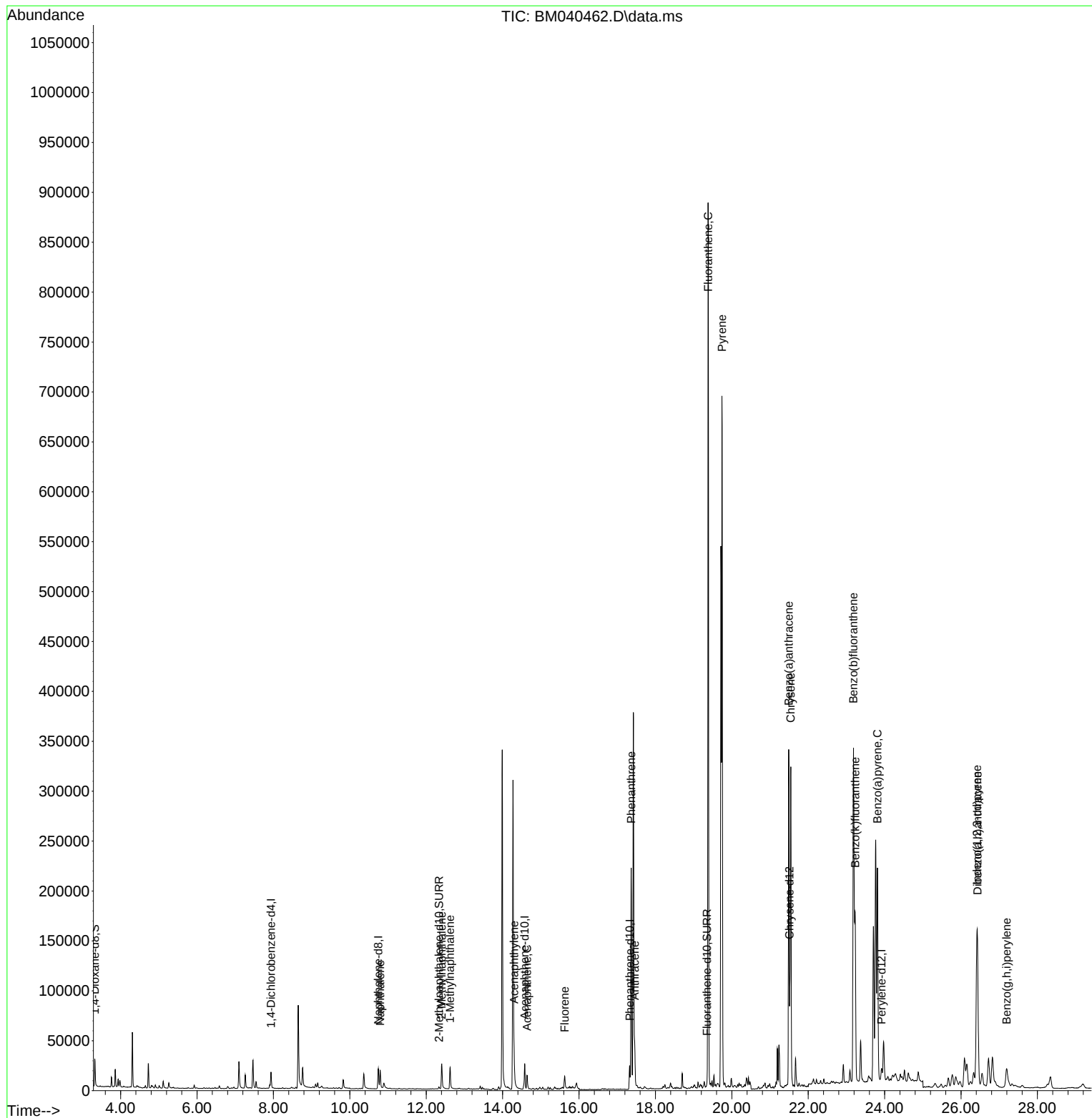
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040462.D
Acq On : 30 Jun 2023 09:02
Operator : MA/JU
Sample : 03239-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

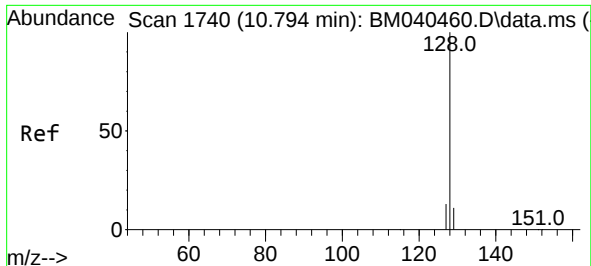
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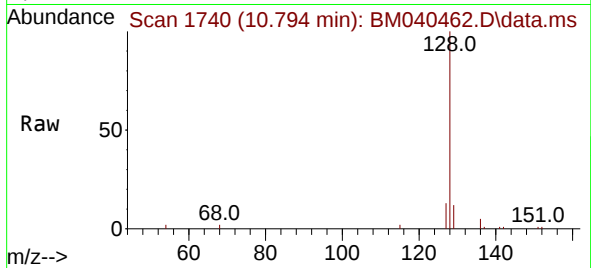
Quant Time: Jul 01 03:02:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.794 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

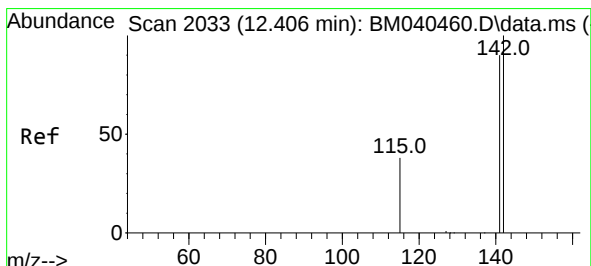
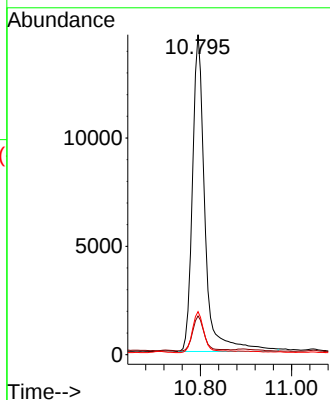
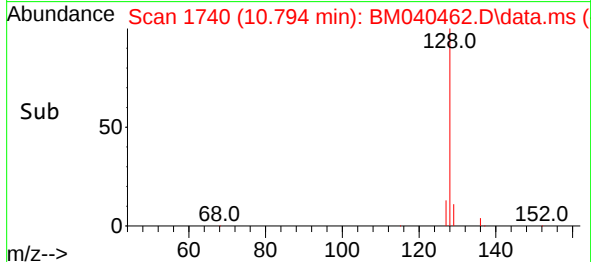
Instrument :
BNA_M
ClientSampleId :
DCFX9



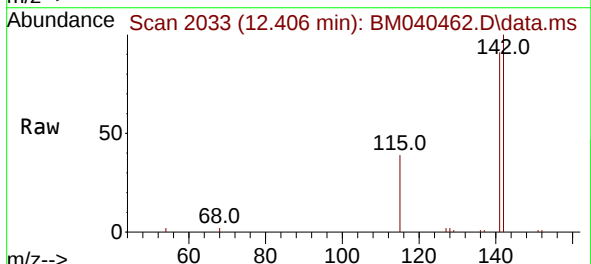
Tgt Ion:128 Resp: 2791
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.6 15.8

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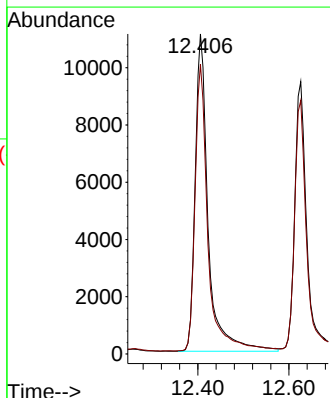
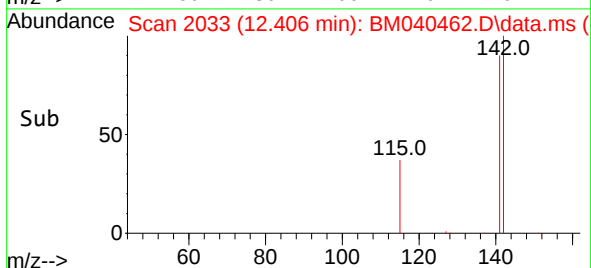
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

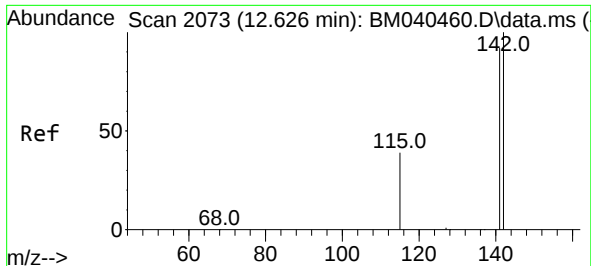


#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02



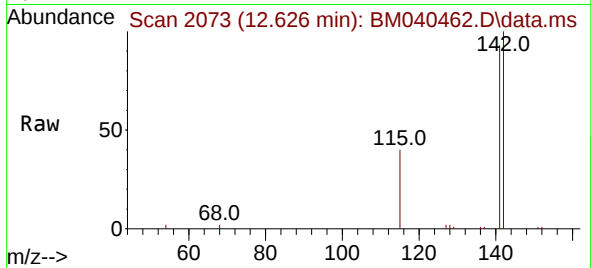
Tgt Ion:142 Resp: 21949
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

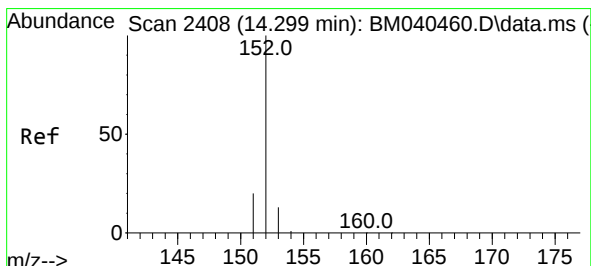
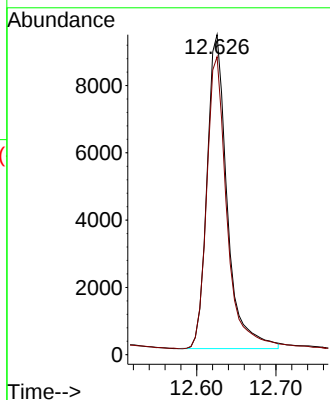
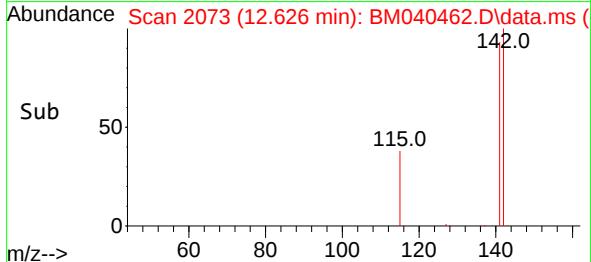
Instrument :
BNA_M
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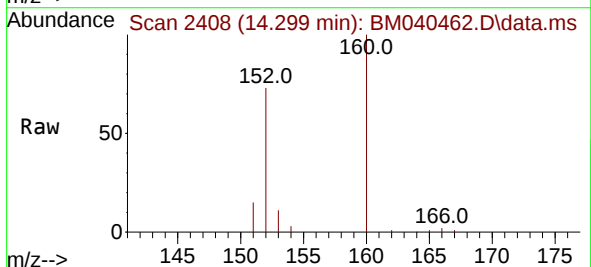
Tgt Ion:142 Resp: 16549
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5

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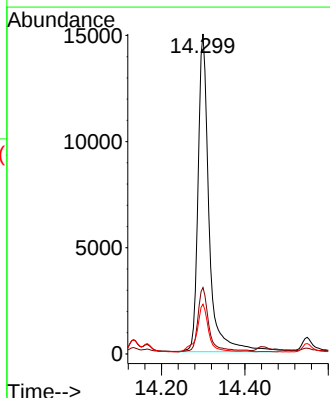
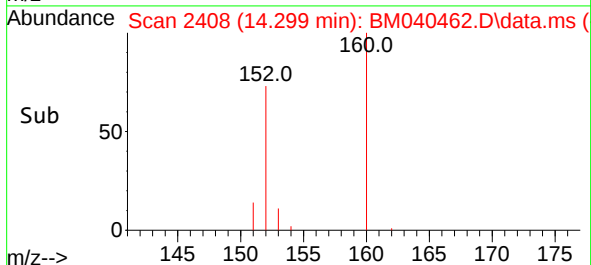
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

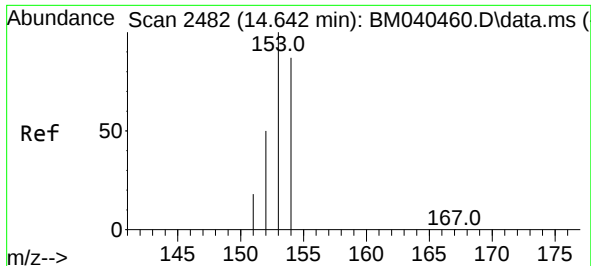


#10
Acenaphthylene
Concen: 0.427 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02



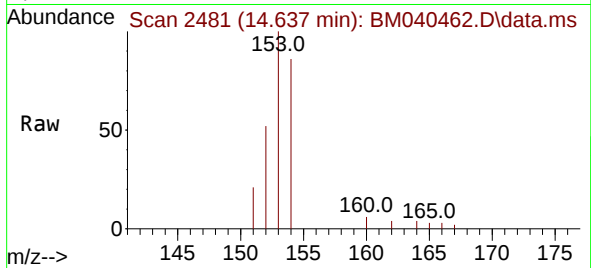
Tgt Ion:152 Resp: 27559
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.163 ng/u1
RT: 14.637 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

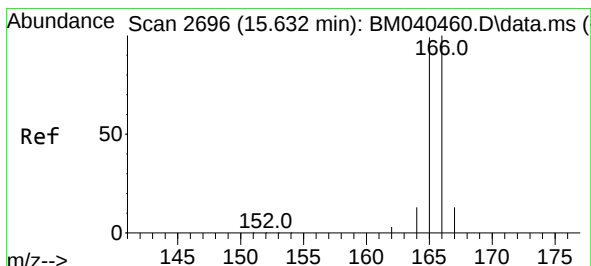
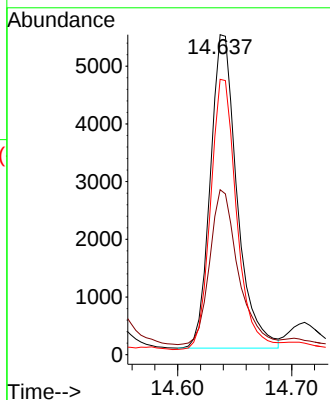
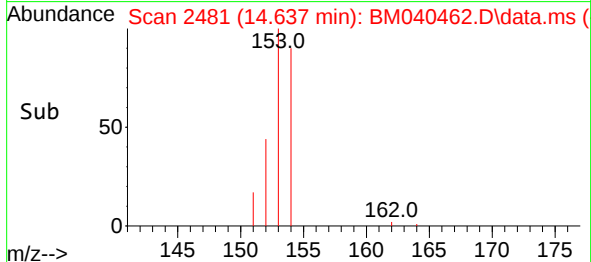
Instrument :
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ClientSampleId :
DCFX9



Tgt Ion:153 Resp: 8869
Ion Ratio Lower Upper
153 100
152 51.5 41.0 61.4
154 86.0 70.8 106.2

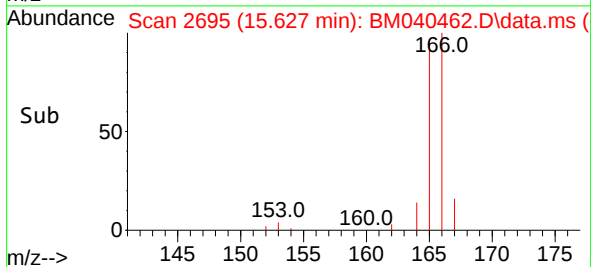
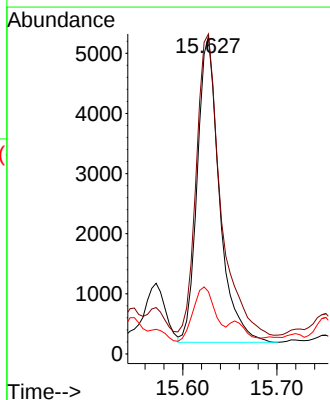
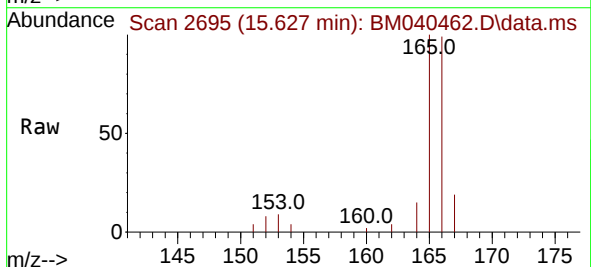
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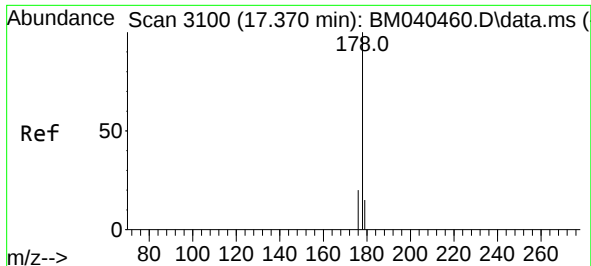
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.143 ng/u1
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

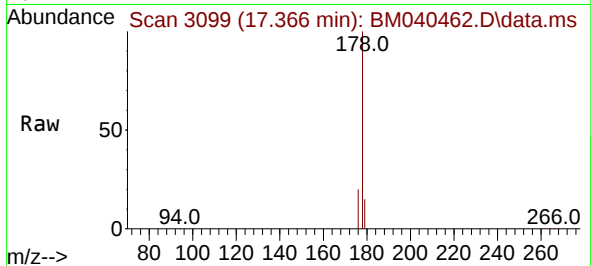
Tgt Ion:166 Resp: 8302
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 19.6 11.4 17.0#





#15
Phenanthrene
Concen: 2.765 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

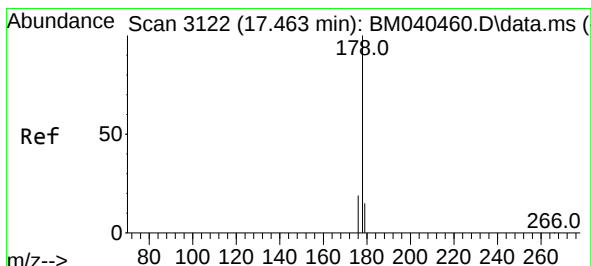
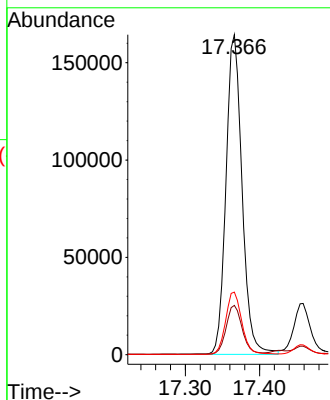
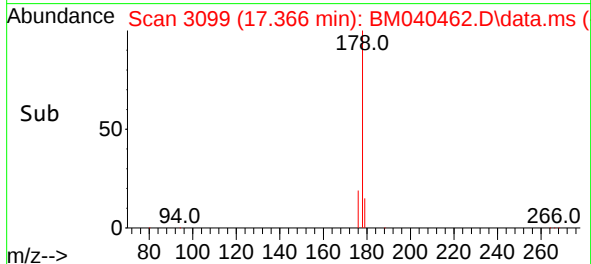
Instrument :
BNA_M
ClientSampleId :
DCFX9



Tgt Ion:178 Resp: 24713
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.6 16.4 24.6

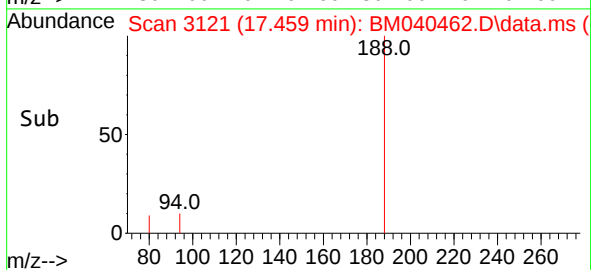
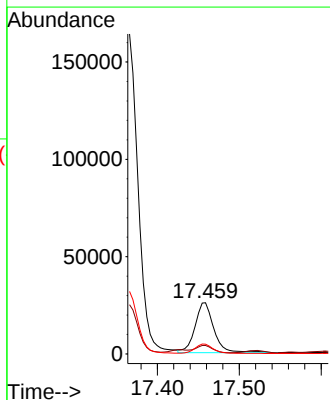
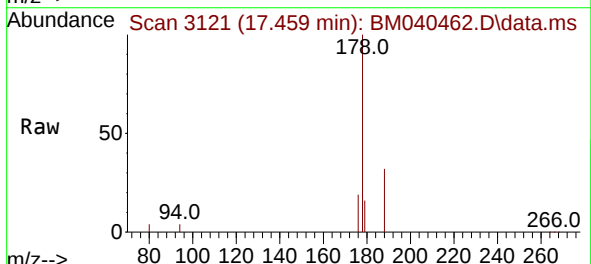
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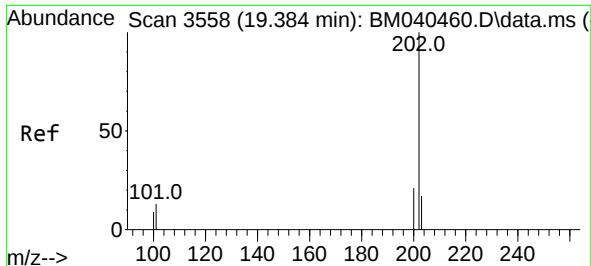
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.549 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

Tgt Ion:178 Resp: 41266
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.2 15.8 23.6





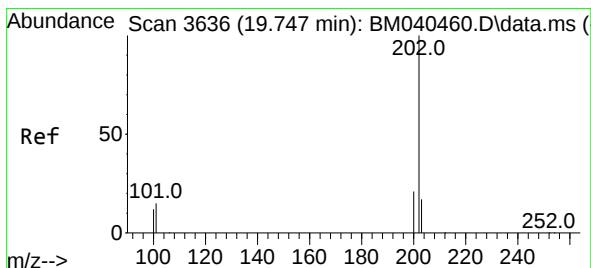
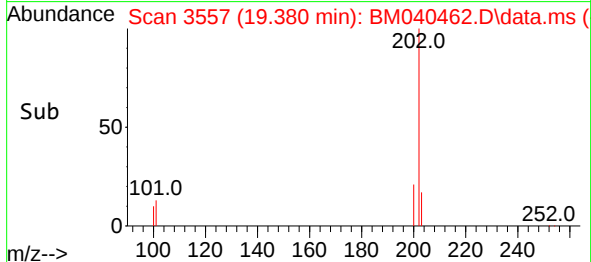
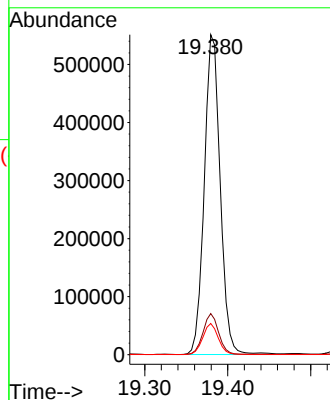
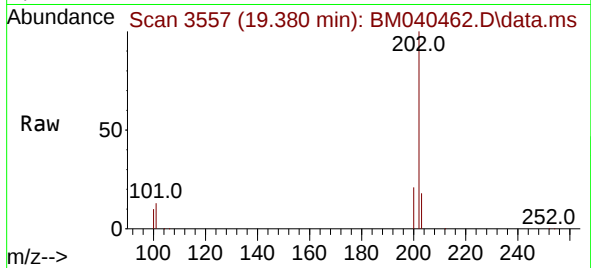
#19
Fluoranthene
Concen: 9.958 ng/u1
RT: 19.380 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

Instrument :
BNA_M
ClientSampleId :
DCFX9

Tgt Ion:202 Resp: 737600
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 9.7 8.7 13.1

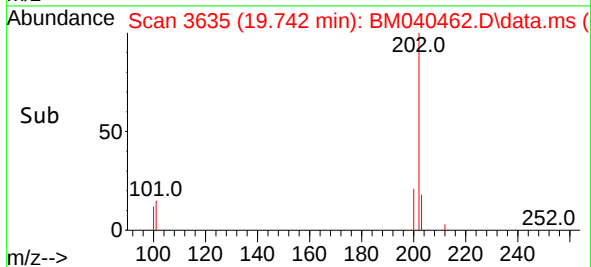
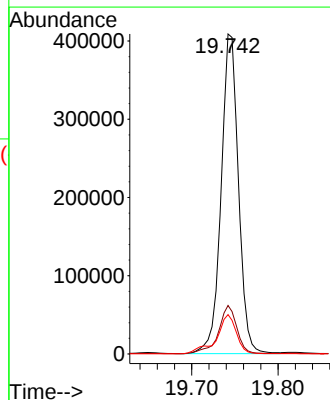
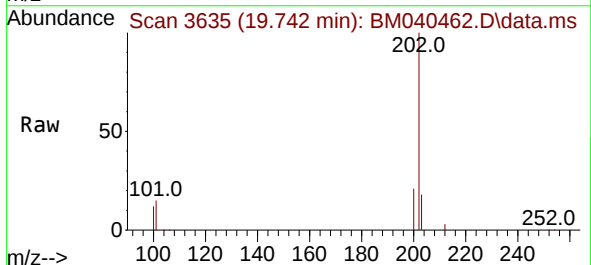
Manual Integrations
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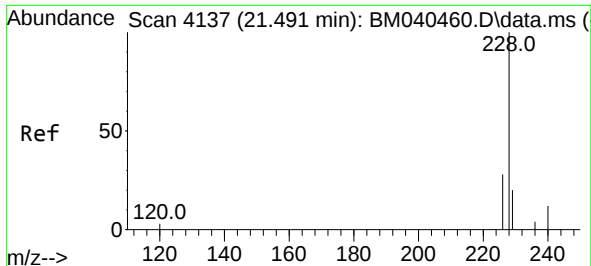
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 7.196 ng/u1
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

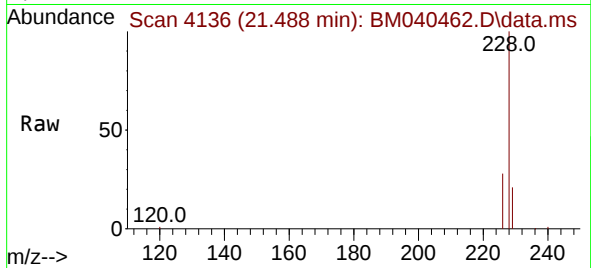
Tgt Ion:202 Resp: 571426
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.005 ng/u1
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

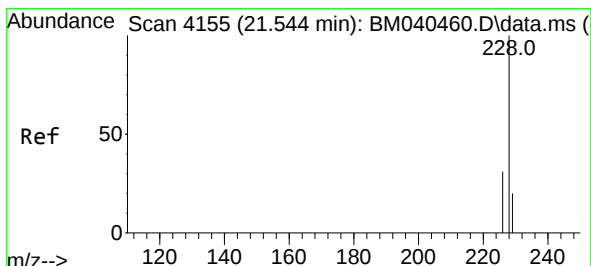
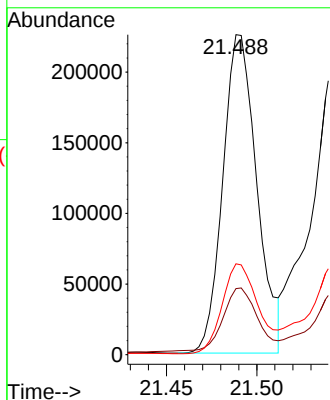
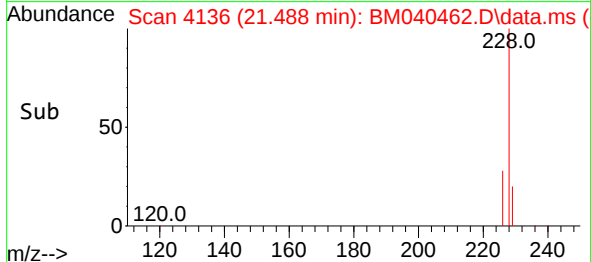
Instrument :
BNA_M
ClientSampleId :
DCFX9



Tgt Ion:228 Resp: 295238
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.4 22.3 33.5

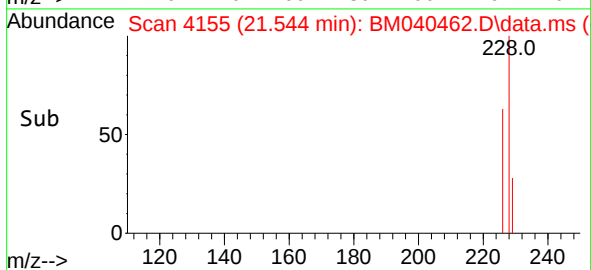
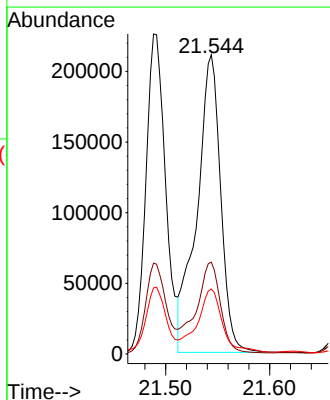
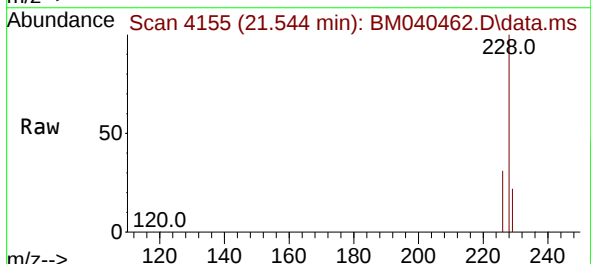
Manual Integrations
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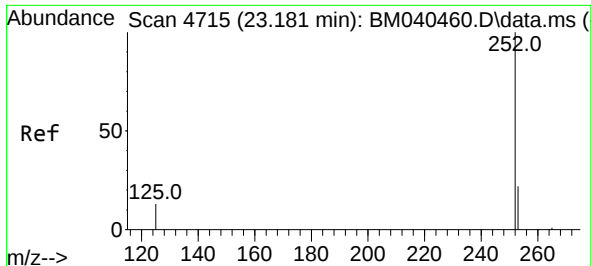
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 4.978 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

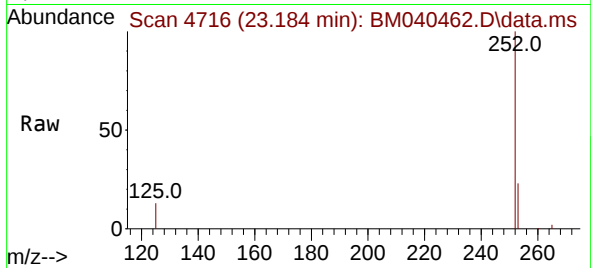
Tgt Ion:228 Resp: 334923
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.786 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

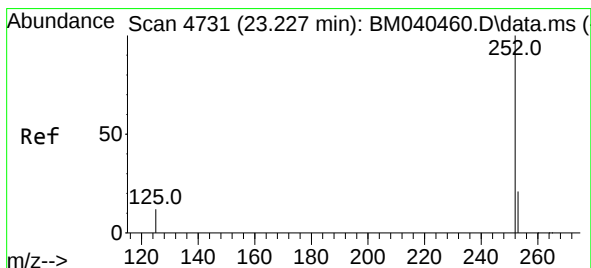
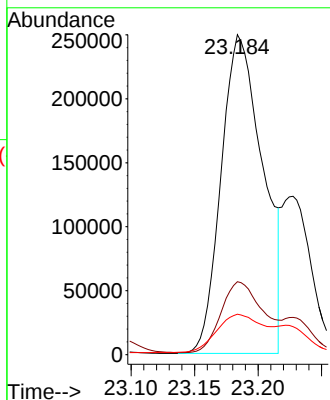
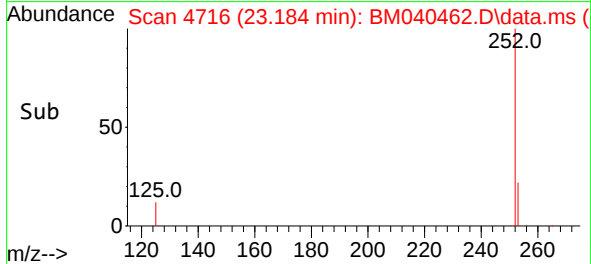
Instrument :
BNA_M
ClientSampleId :
DCFX9



Tgt Ion:252 Resp: 56904
Ion Ratio Lower Upper
252 100
253 22.8 0.0 52.8
125 12.7 0.0 43.0

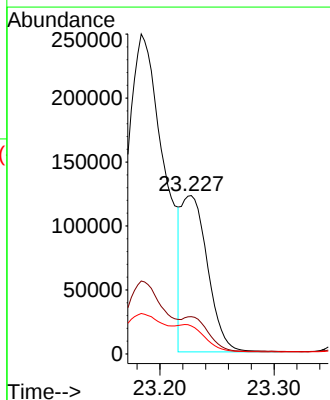
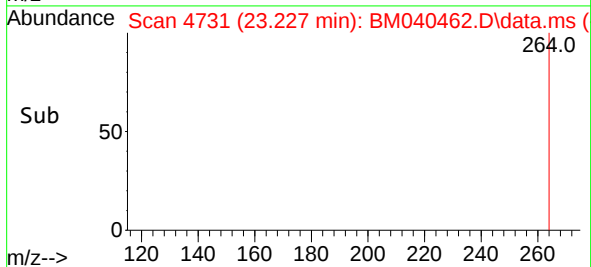
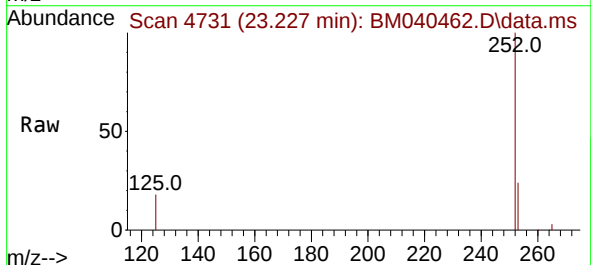
Manual Integrations
APPROVED

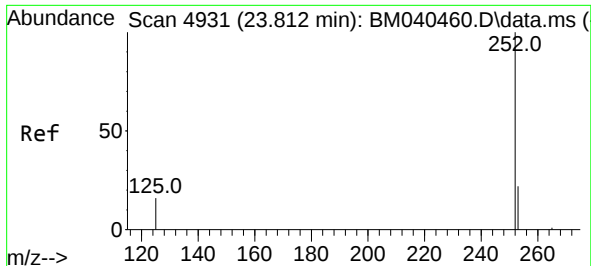
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 2.724 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

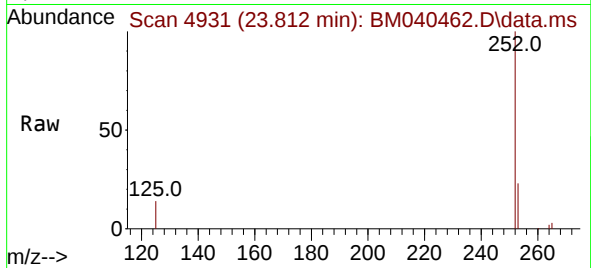
Tgt Ion:252 Resp: 196155
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 17.7 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.663 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

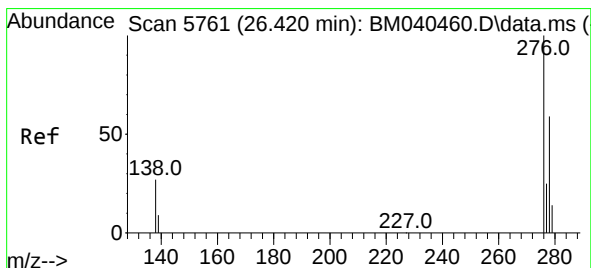
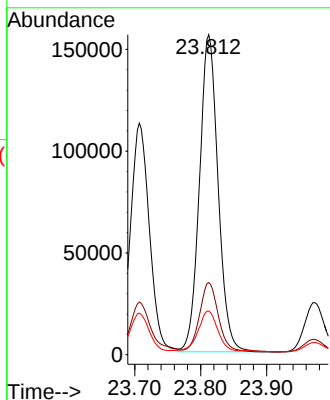
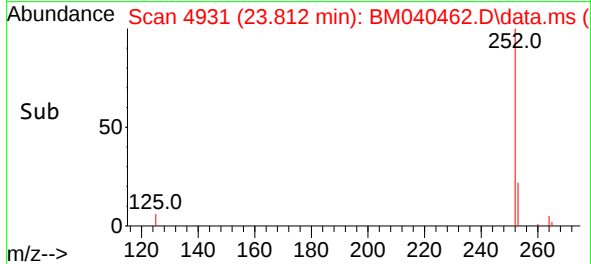
Instrument :
BNA_M
ClientSampleId :
DCFX9



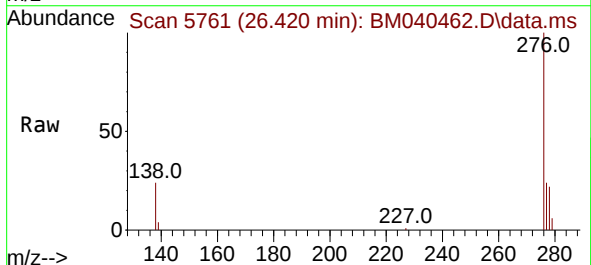
Tgt Ion:252 Resp: 30694
Ion Ratio Lower Upper
252 100
253 22.6 22.9 34.3#
125 13.6 21.0 31.4#

Manual Integrations
APPROVED

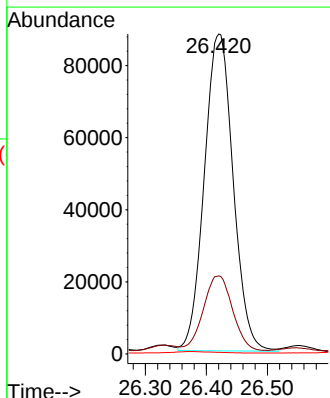
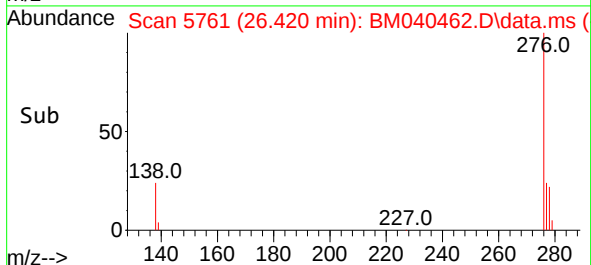
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

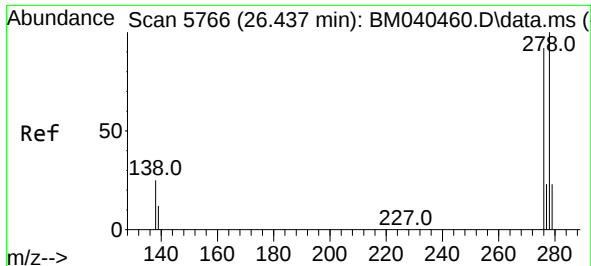


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.151 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02



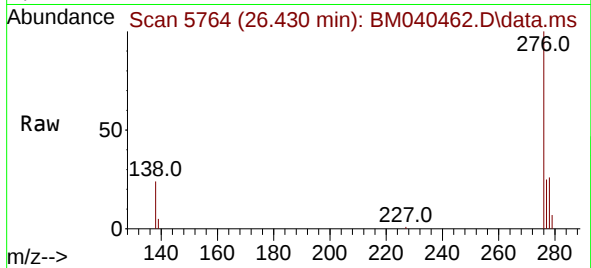
Tgt Ion:276 Resp: 288900
Ion Ratio Lower Upper
276 100
138 23.9 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.043 ng/ul
RT: 26.430 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

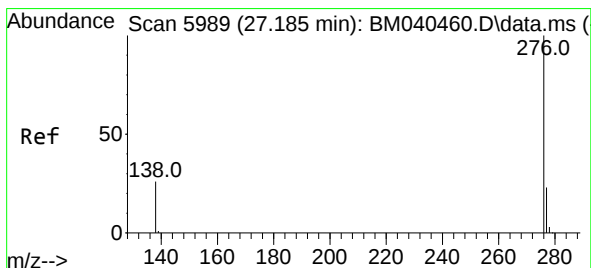
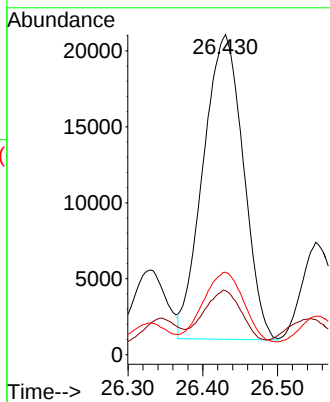
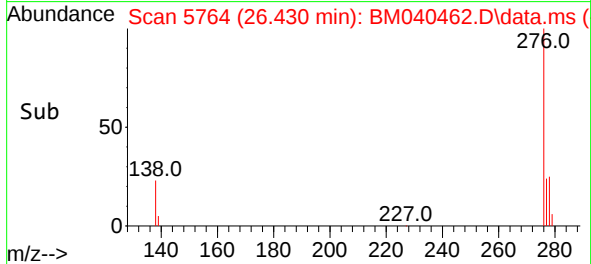
Instrument :
BNA_M
ClientSampleId :
DCFX9



Tgt Ion:278 Resp: 74898
Ion Ratio Lower Upper
278 100
139 20.0 17.9 26.9
279 25.7 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: 0.603 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040462.D
Acq: 30 Jun 2023 09:02

Tgt Ion:276 Resp: 48472
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.6
277 25.8 20.3 30.5

