

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041796.D
 Acq On : 12 Sep 2023 02:20
 Operator : MA/JU
 Sample : 04235-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZE0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 04:52:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5700	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	14162	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.624	164	6229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	11330	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	4706	0.400	ng/ul	0.00
23) Perylene-d12	23.959	264	4863	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	19599	2.250	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	2498	0.137	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3152	0.138	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.845	128	9504	0.204	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	5906	0.224	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	4527	0.171	ng/ul	99
10) Acenaphthylene	14.351	152	7921	0.206	ng/ul	98
11) Acenaphthene	14.685	153	3675	0.123	ng/ul	99
12) Fluorene	15.670	166	4859	0.145	ng/ul	98
15) Phenanthrene	17.417	178	117259	2.451	ng/ul	98
16) Anthracene	17.506	178	24268	0.592	ng/ul	99
19) Fluoranthene	19.422	202	252141	4.540	ng/ul	98
20) Pyrene	19.789	202	225054	4.079	ng/ul	98
21) Benzo(a)anthracene	21.524	228	86025	2.241	ng/ul	100
22) Chrysene	21.580	228	90931	2.196	ng/ul	98
24) Benzo(b)fluoranthene	23.214	252	122386	2.813	ng/ul	92
25) Benzo(k)fluoranthene	23.260	252	42790m	1.005	ng/ul	
26) Benzo(a)pyrene	23.851	252	79765	2.256	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.461	276	59157	1.219	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.475	278	13278	0.390	ng/ul#	93
29) Benzo(g,h,i)perylene	27.246	276	58289	1.356	ng/ul	97

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

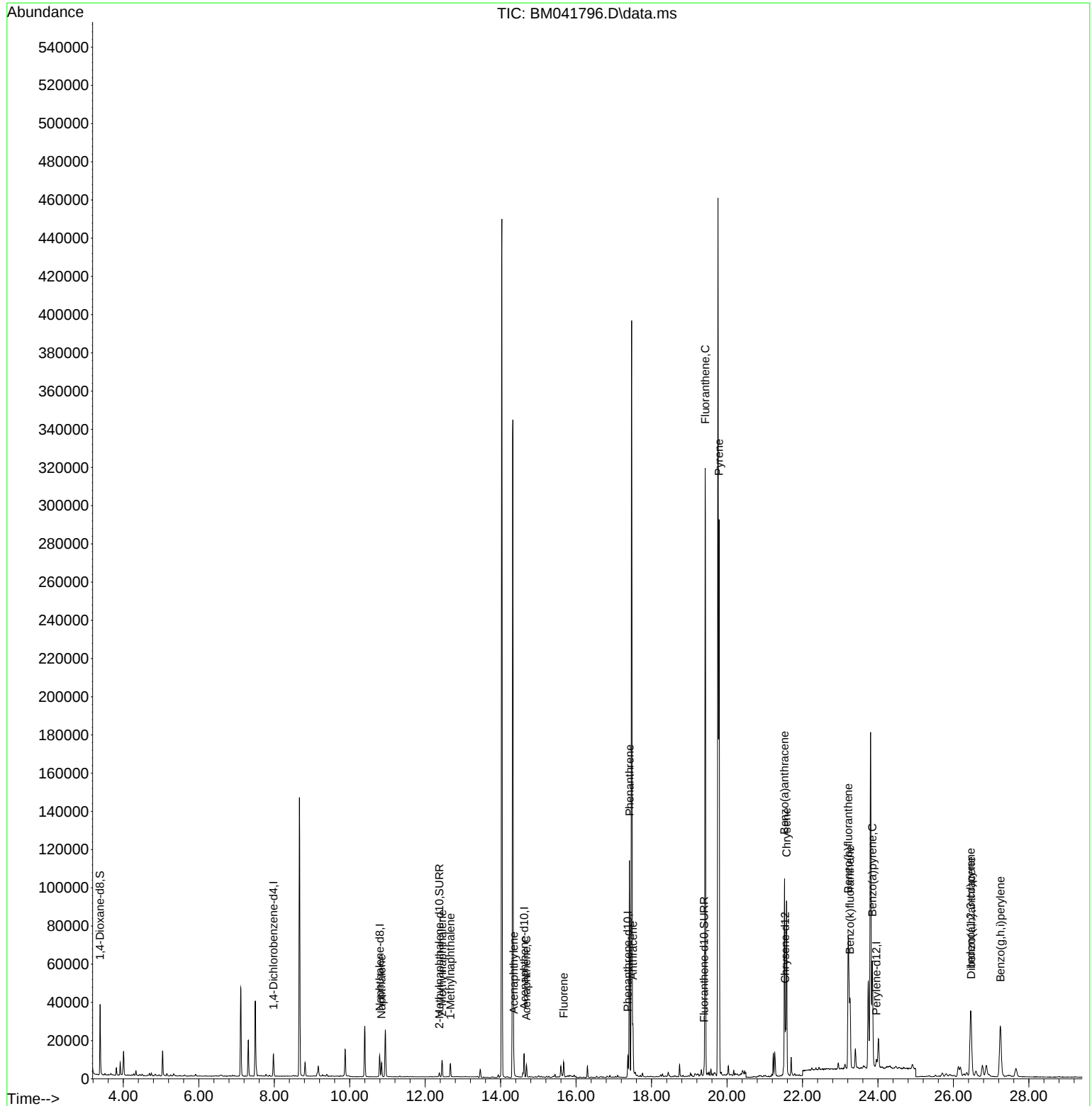
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041796.D
Acq On : 12 Sep 2023 02:20
Operator : MA/JU
Sample : 04235-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

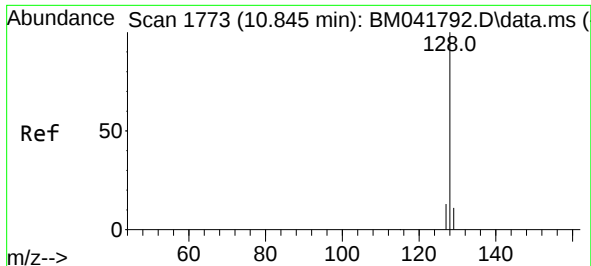
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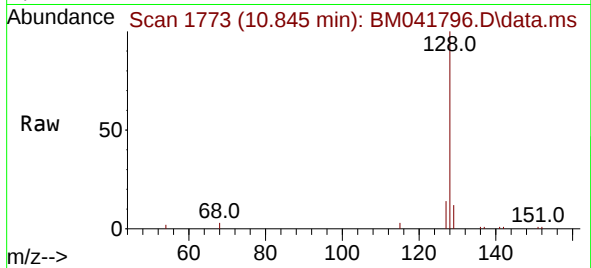
Quant Time: Sep 12 04:52:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

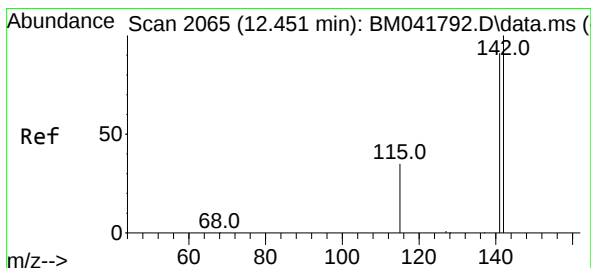
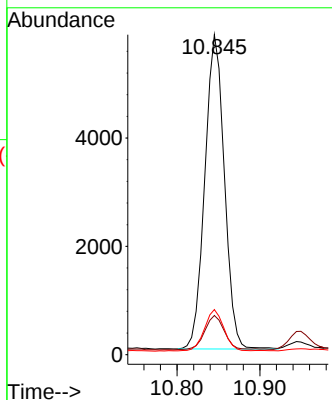
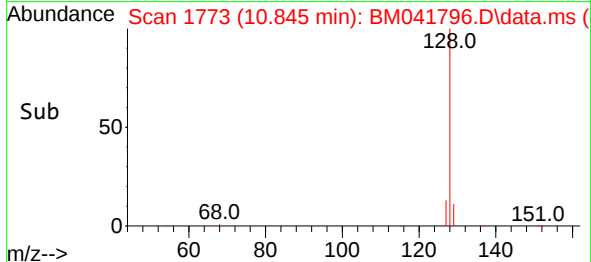
Instrument :
BNA_M
ClientSampleId :
EZYEO



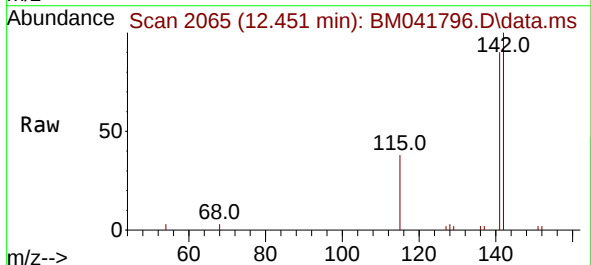
Tgt Ion:128 Resp: 9504
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.1 11.0 16.6

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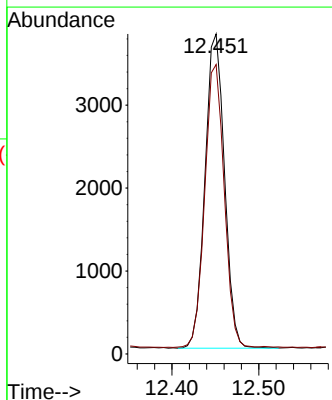
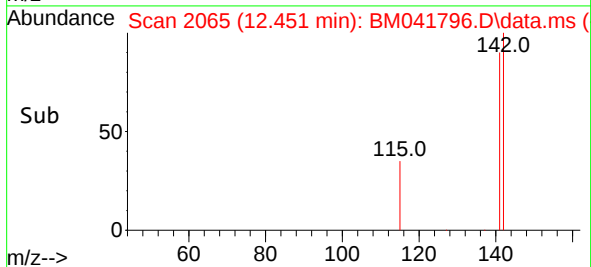
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

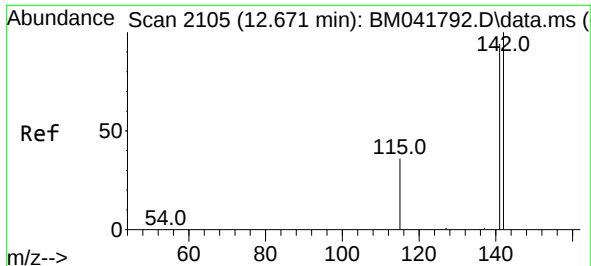


#7
2-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20



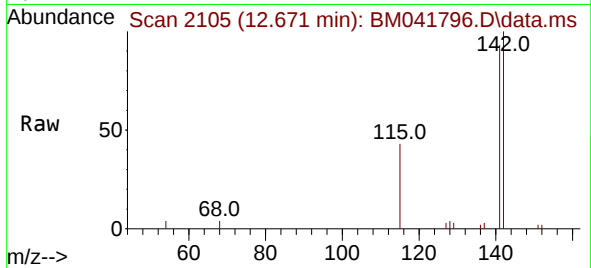
Tgt Ion:142 Resp: 5906
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

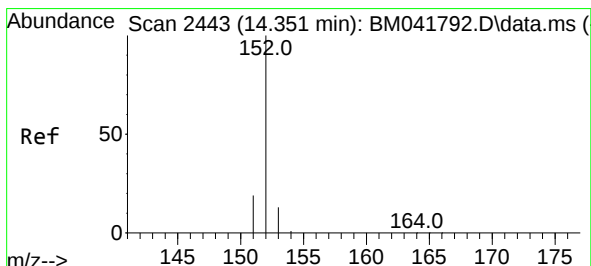
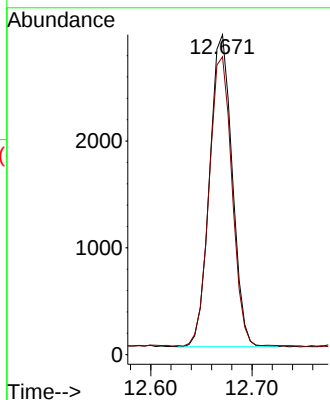
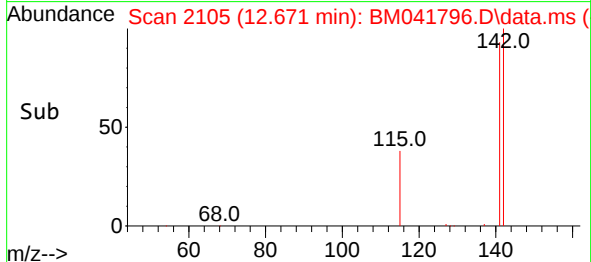
Instrument :
BNA_M
ClientSampleId :
EZYEO



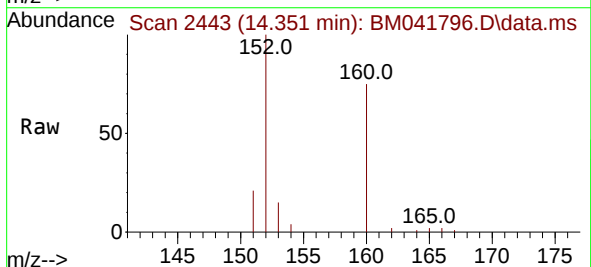
Tgt Ion:142 Resp: 452
Ion Ratio Lower Upper
142 100
141 93.8 74.4 111.6

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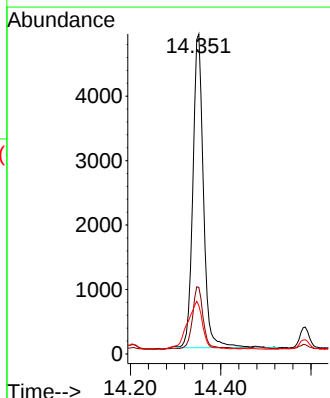
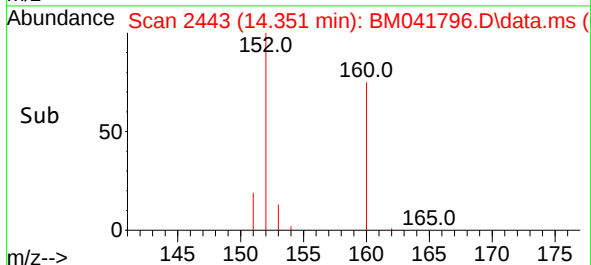
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

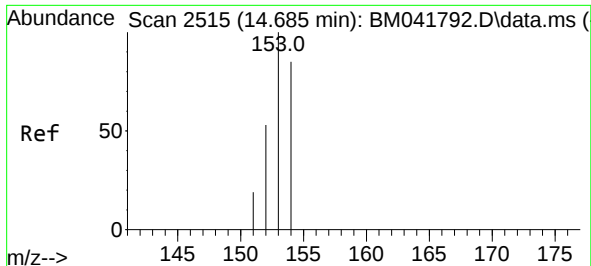


#10
Acenaphthylene
Concen: 0.206 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20



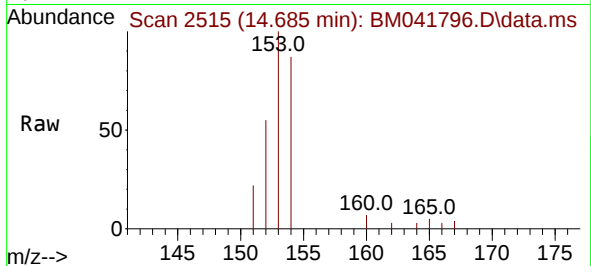
Tgt Ion:152 Resp: 7921
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 15.1 11.1 16.7





#11
Acenaphthene
Concen: 0.123 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

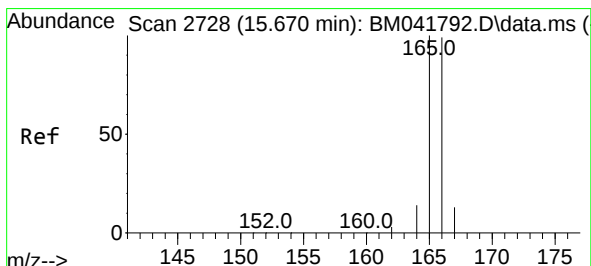
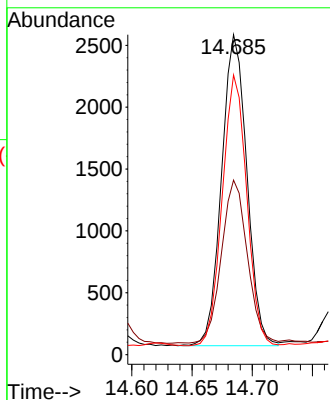
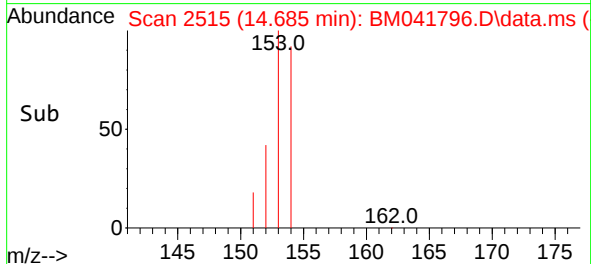
Instrument :
BNA_M
ClientSampleId :
EZYEO



Tgt Ion:153 Resp: 3679
Ion Ratio Lower Upper
153 100
152 54.5 43.4 65.2
154 87.4 69.4 104.0

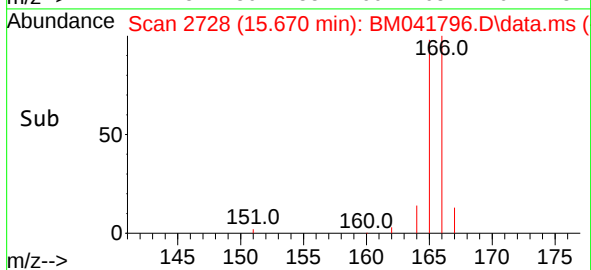
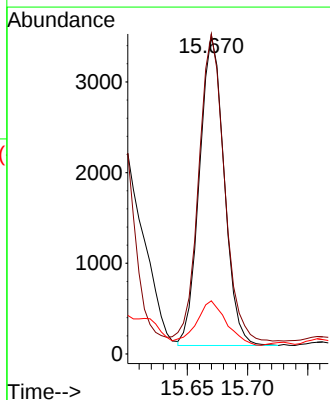
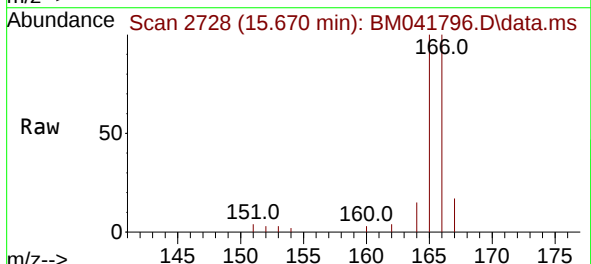
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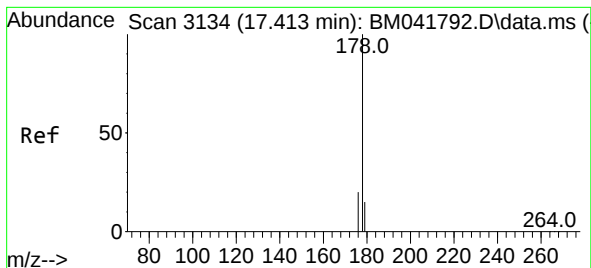
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#12
Fluorene
Concen: 0.145 ng/ul
RT: 15.670 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

Tgt Ion:166 Resp: 4859
Ion Ratio Lower Upper
166 100
165 100.3 79.4 119.2
167 16.7 11.3 16.9





#15

Phenanthrene

Concen: 2.451 ng/ul

RT: 17.417 min Scan# 3134

Delta R.T. 0.004 min

Lab File: BM041796.D

Acq: 12 Sep 2023 02:20

Instrument :

BNA_M

ClientSampleId :

EZYE0

Tgt Ion:178 Resp: 117259

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

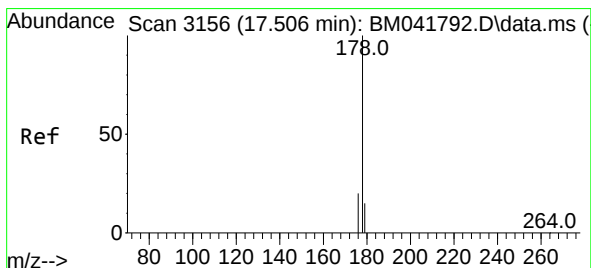
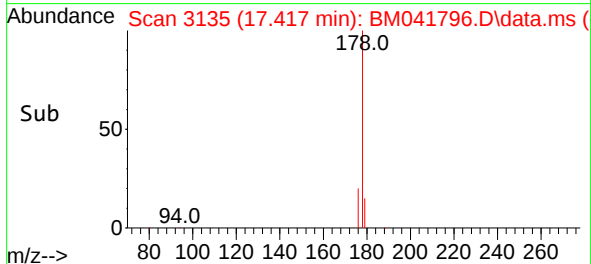
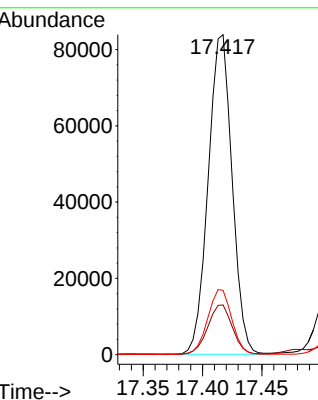
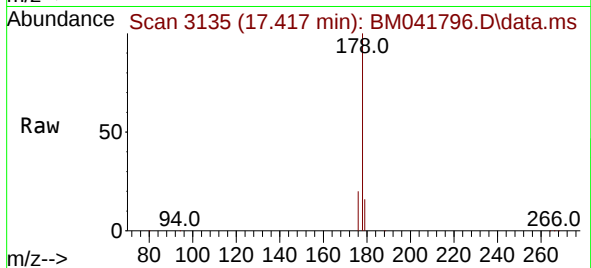
176 20.1 16.9 25.3

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#16

Anthracene

Concen: 0.592 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. -0.000 min

Lab File: BM041796.D

Acq: 12 Sep 2023 02:20

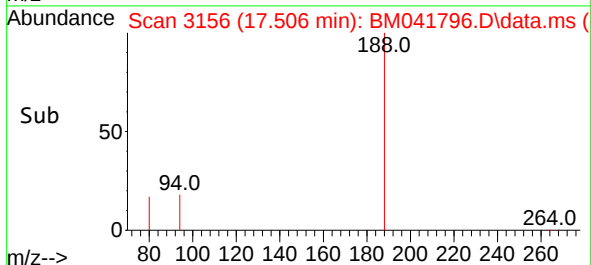
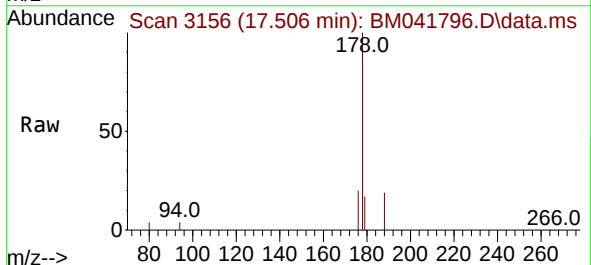
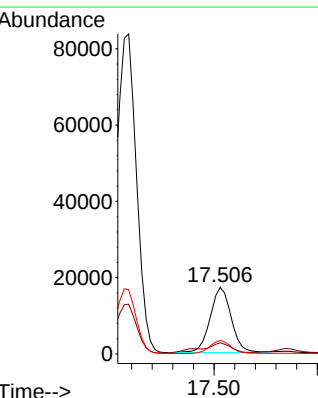
Tgt Ion:178 Resp: 24268

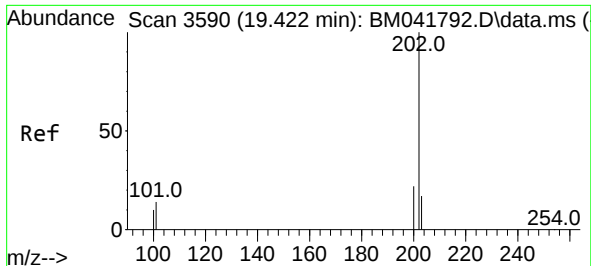
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

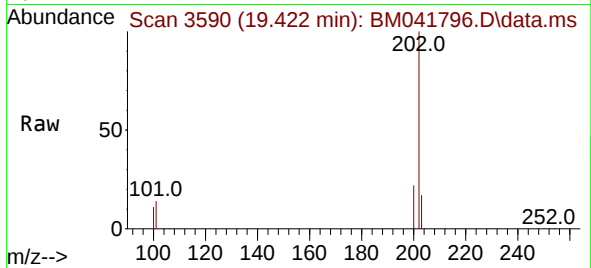
176 20.3 15.8 23.8





#19
Fluoranthene
Concen: 4.540 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

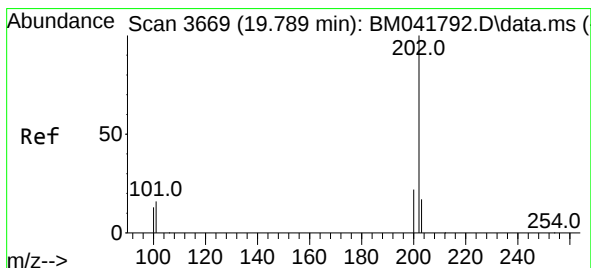
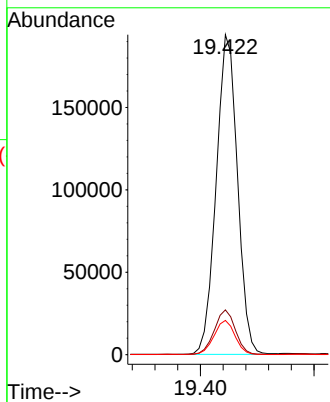
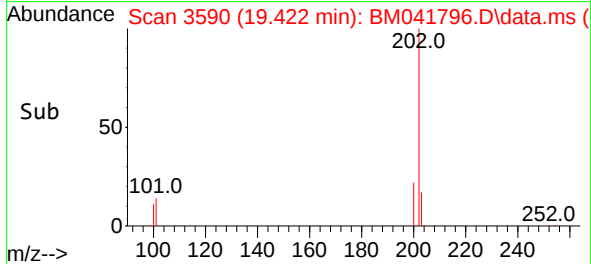
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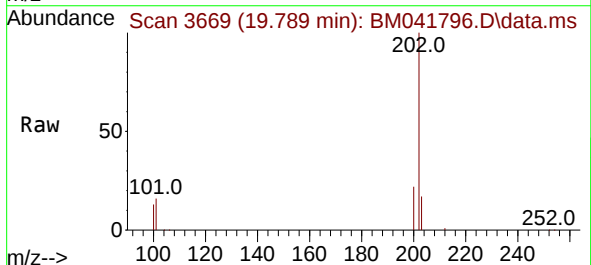
Tgt Ion:202 Resp: 25214
Ion Ratio Lower Upper
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101 14.0 10.5 15.7
100 10.7 8.4 12.6

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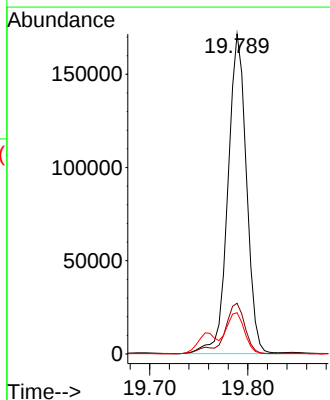
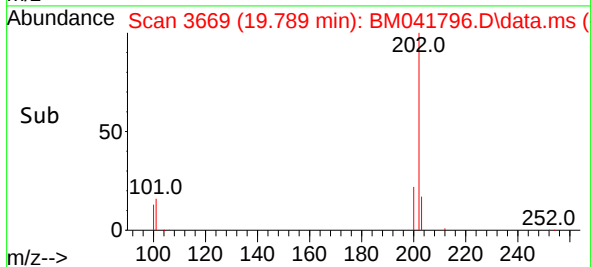
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

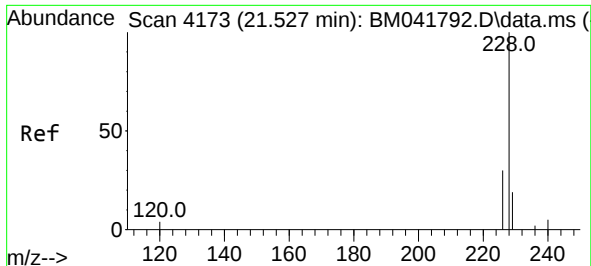


#20
Pyrene
Concen: 4.079 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20



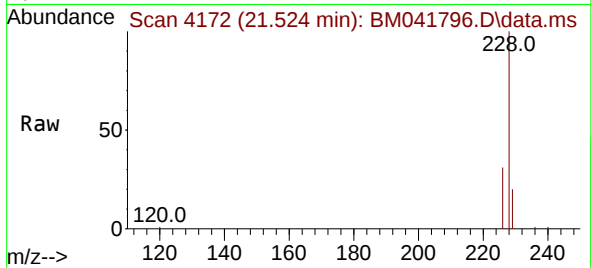
Tgt Ion:202 Resp: 225054
Ion Ratio Lower Upper
202 100
101 15.9 11.8 17.8
100 12.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.241 ng/ul
RT: 21.524 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

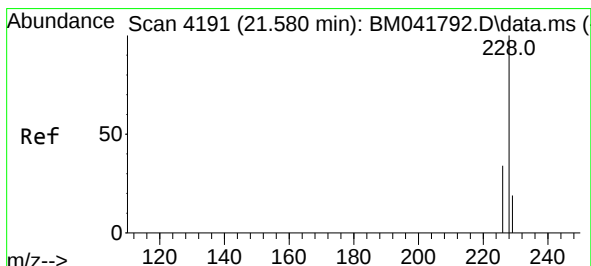
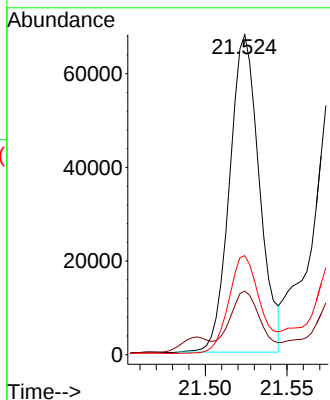
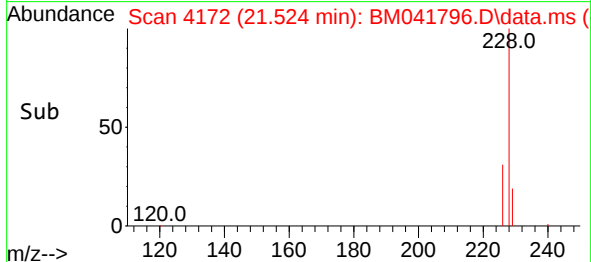
Instrument :
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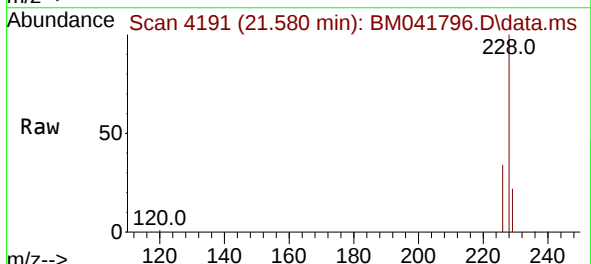
Tgt Ion:228 Resp: 86025
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 31.0 24.8 37.2

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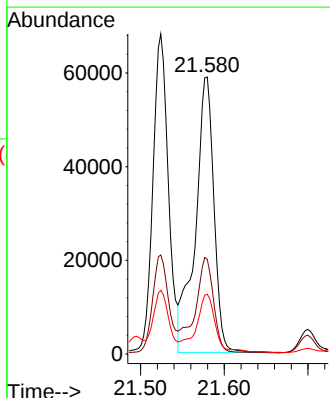
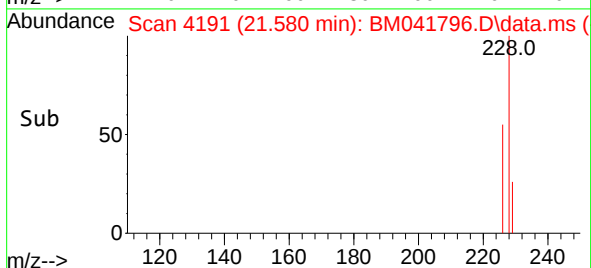
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

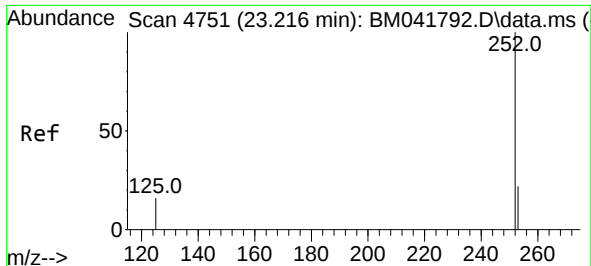


#22
Chrysene
Concen: 2.196 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20



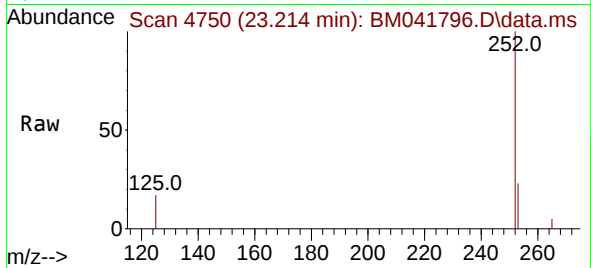
Tgt Ion:228 Resp: 90931
Ion Ratio Lower Upper
228 100
226 34.2 27.0 40.6
229 21.6 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 2.813 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

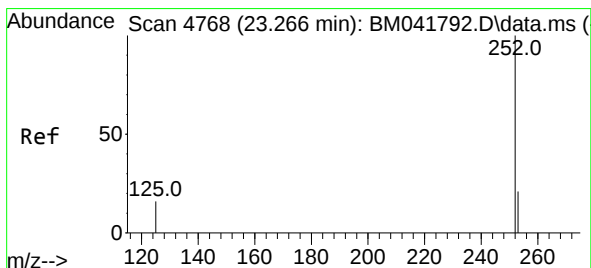
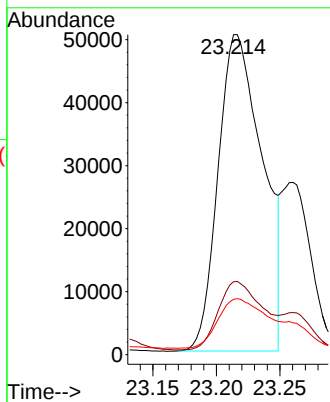
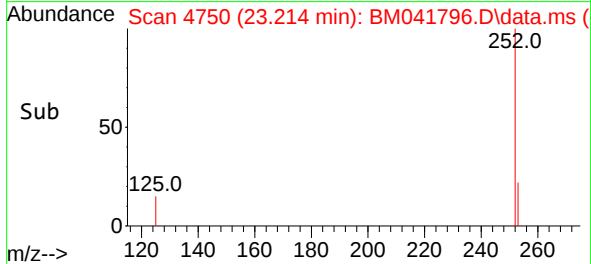
Instrument :
BNA_M
ClientSampleId :
EZYEO



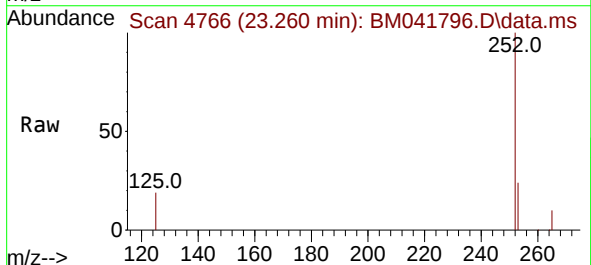
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Ion Ratio Lower Upper
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253 22.8 0.0 52.4
125 17.3 0.0 42.8

Manual Integrations
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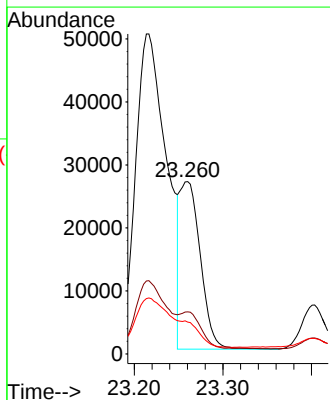
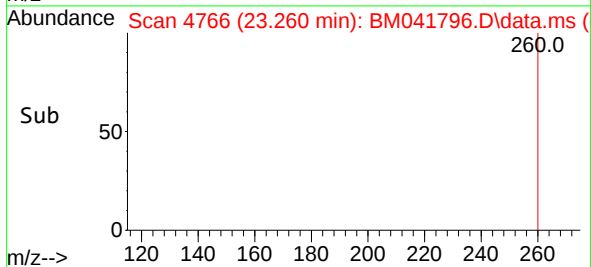
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

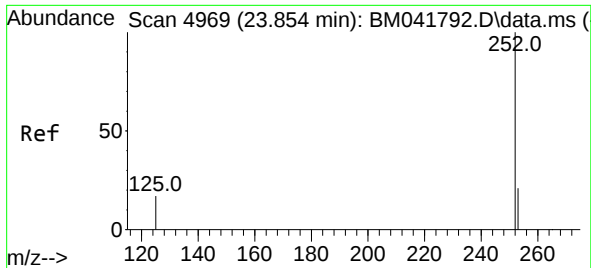


#25
Benzo(k)fluoranthene
Concen: 1.005 ng/ul m
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20



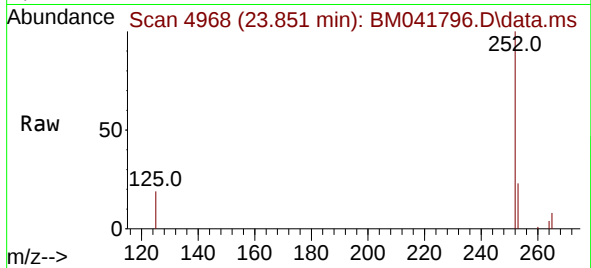
Tgt Ion:252 Resp: 42790
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 18.5 17.4 26.0





#26
Benzo(a)pyrene
Concen: 2.256 ng/ul
RT: 23.851 min Scan# 4969
Delta R.T. -0.003 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

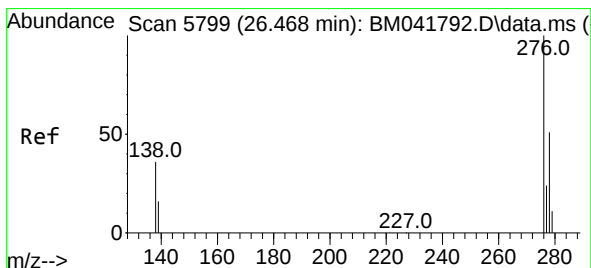
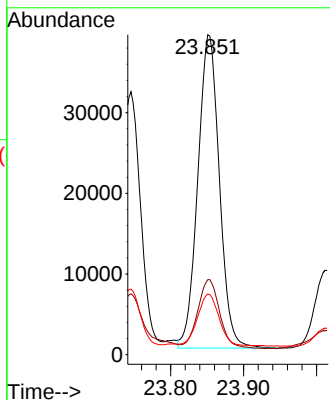
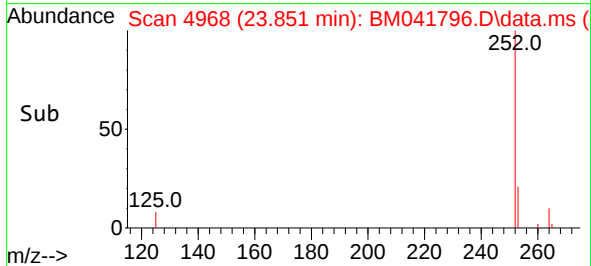
Instrument :
BNA_M
ClientSampleId :
EZYEO



Tgt Ion:252 Resp: 7976
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 19.0 21.0 31.4

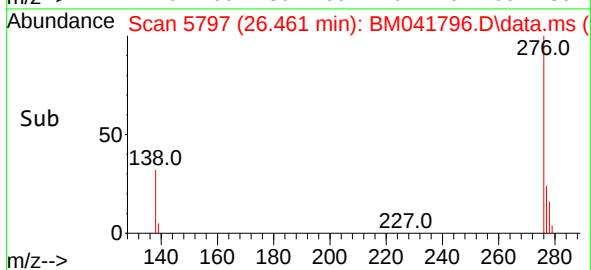
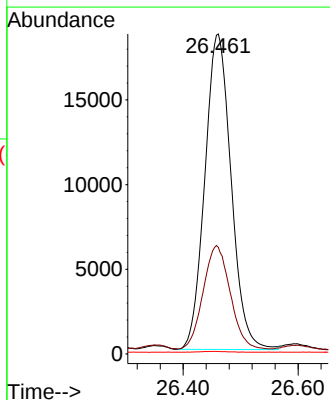
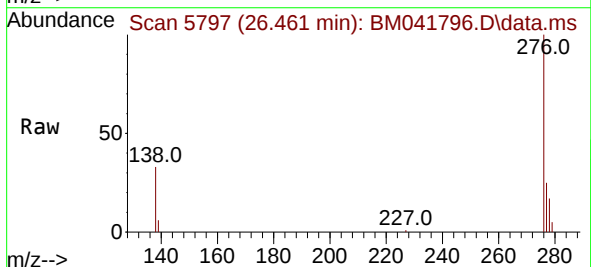
Manual Integrations
APPROVED

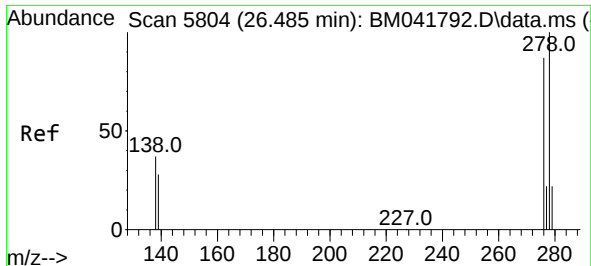
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.219 ng/ul
RT: 26.461 min Scan# 5797
Delta R.T. -0.007 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

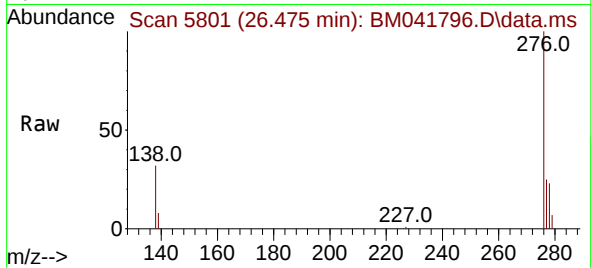
Tgt Ion:276 Resp: 59157
Ion Ratio Lower Upper
276 100
138 33.7 26.4 39.6
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.475 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

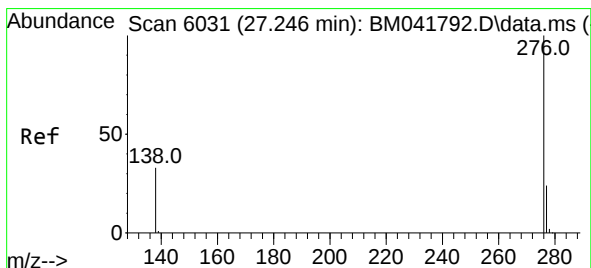
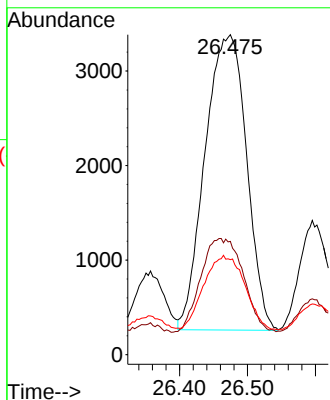
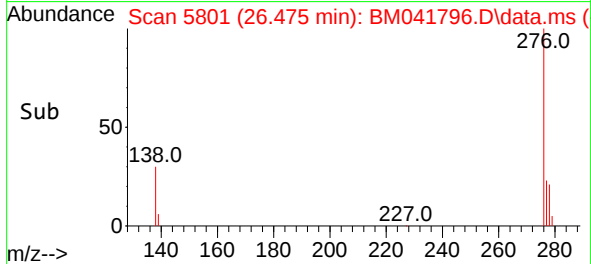
Instrument :
BNA_M
ClientSampleId :
EZYEO



Tgt Ion:278 Resp: 13278
Ion Ratio Lower Upper
278 100
139 35.4 23.0 34.6
279 29.7 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#29
Benzo(g,h,i)perylene
Concen: 1.356 ng/ul
RT: 27.246 min Scan# 6031
Delta R.T. -0.000 min
Lab File: BM041796.D
Acq: 12 Sep 2023 02:20

Tgt Ion:276 Resp: 58289
Ion Ratio Lower Upper
276 100
138 33.0 25.0 37.4
277 23.8 20.2 30.2

