

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041794.D
 Acq On : 12 Sep 2023 01:07
 Operator : MA/JU
 Sample : 04235-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD8

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 04:52:16 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	3978	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	9406	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	3929	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	7326	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	3356	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	3435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	13976	2.299	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1599	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	2071	0.127	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.845	128	2061	0.067	ng/ul#	92
7) 2-Methylnaphthalene	12.451	142	1327	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	990	0.056	ng/ul	100
11) Acenaphthene	14.685	153	933	0.049	ng/ul	96
15) Phenanthrene	17.413	178	7100	0.230	ng/ul	98
16) Anthracene	17.506	178	1420	0.054	ng/ul#	87
19) Fluoranthene	19.422	202	22149	0.559	ng/ul	96
20) Pyrene	19.789	202	22902	0.582	ng/ul	95
21) Benzo(a)anthracene	21.524	228	19234	0.703	ng/ul	100
22) Chrysene	21.580	228	21444	0.726	ng/ul	98
24) Benzo(b)fluoranthene	23.217	252	55707	1.812	ng/ul	95
25) Benzo(k)fluoranthene	23.263	252	17824m	0.592	ng/ul	
26) Benzo(a)pyrene	23.854	252	38758	1.552	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	43205	1.261	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.478	278	9186	0.382	ng/ul	95
29) Benzo(g,h,i)perylene	27.250	276	45657	1.504	ng/ul	97

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

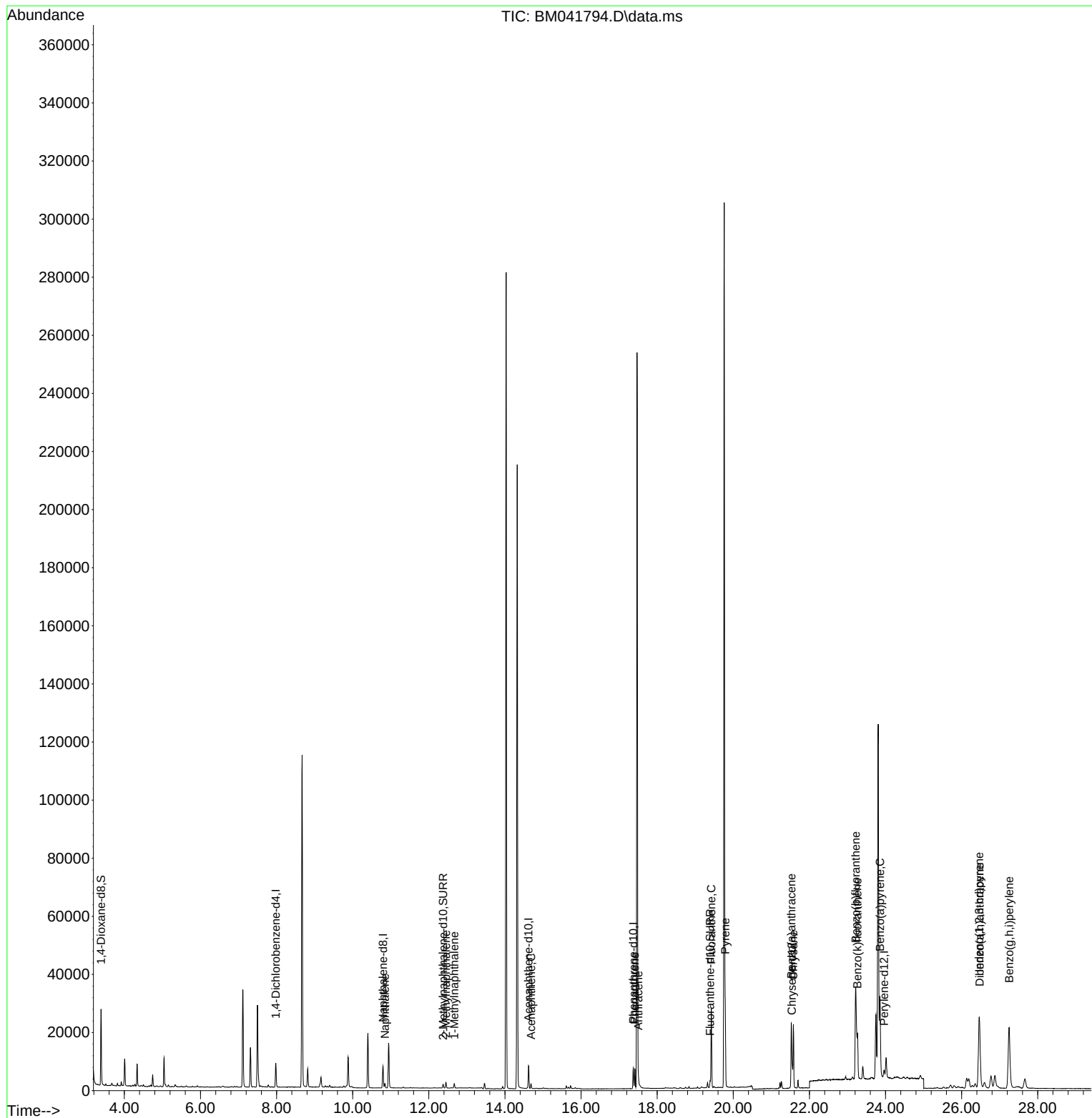
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041794.D
Acq On : 12 Sep 2023 01:07
Operator : MA/JU
Sample : 04235-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

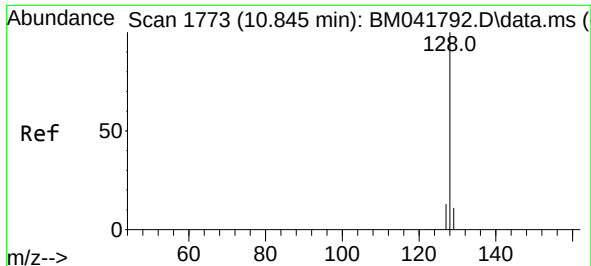
Instrument :
BNA_M
ClientSampleId :
EZYD8

Manual Integrations
APPROVED

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

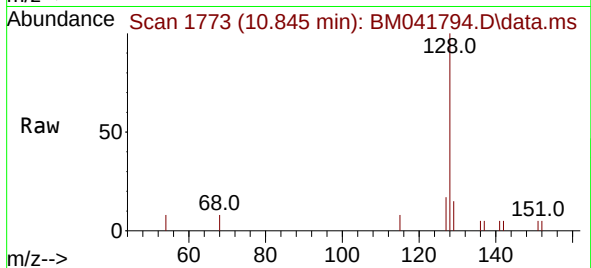
Quant Time: Sep 12 04:52:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

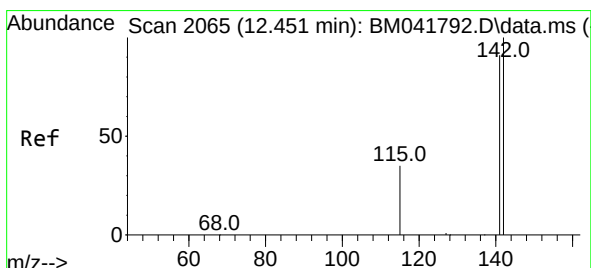
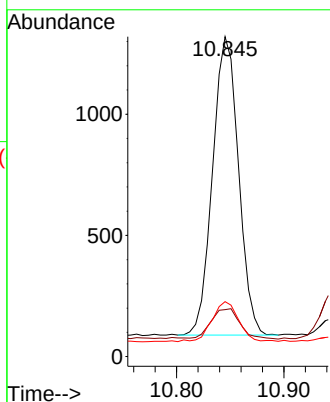
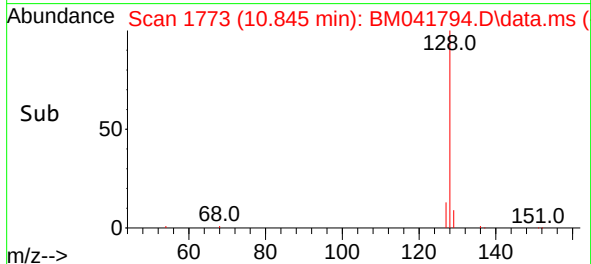
Instrument :
BNA_M
ClientSampleId :
EZYD8



Tgt Ion:128 Resp: 2063
Ion Ratio Lower Upper
128 100
129 14.7 9.4 14.0
127 17.2 11.0 16.6

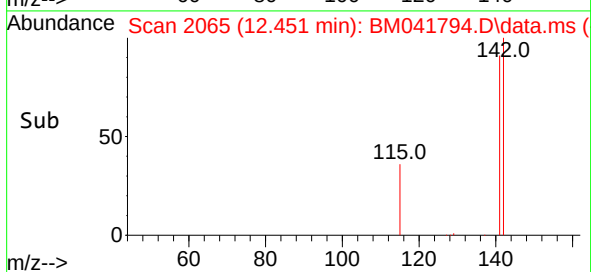
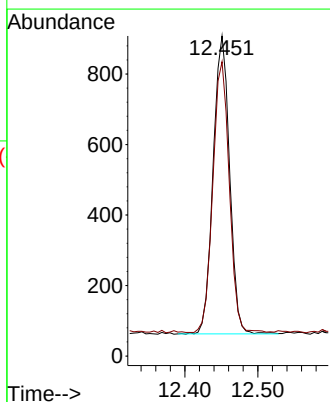
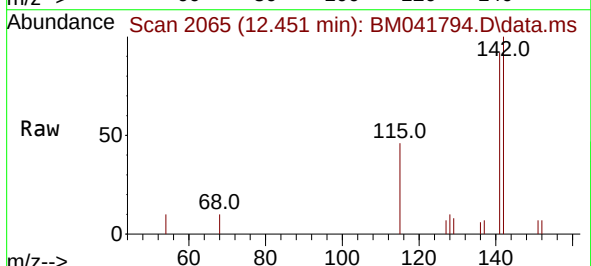
Manual Integrations
APPROVED

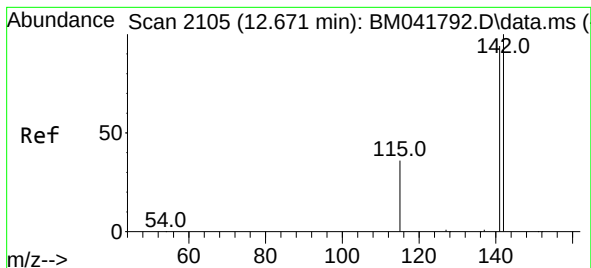
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

Tgt Ion:142 Resp: 1327
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.056 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BM041794.D

Acq: 12 Sep 2023 01:07

Instrument :

BNA_M

ClientSampleId :

EZYD8

Tgt Ion:142 Resp: 990

Ion Ratio Lower Upper

142 100

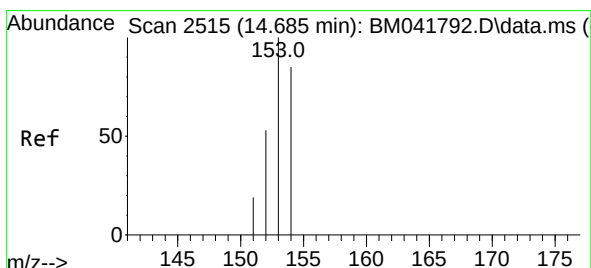
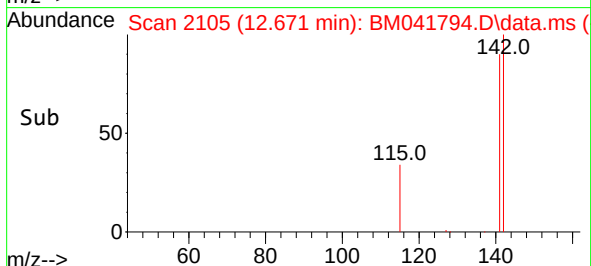
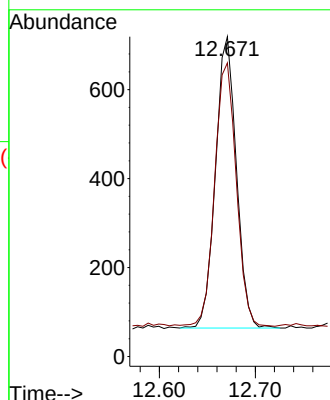
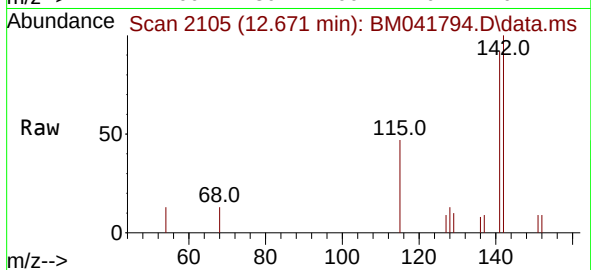
141 93.1 74.4 111.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#11

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.685 min Scan# 2515

Delta R.T. 0.000 min

Lab File: BM041794.D

Acq: 12 Sep 2023 01:07

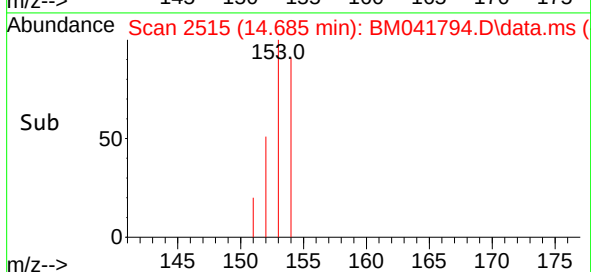
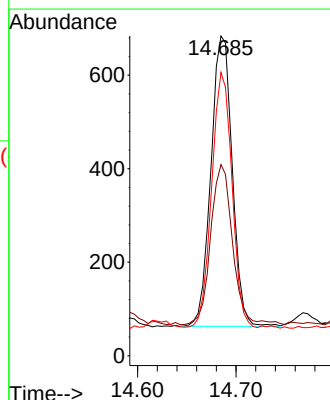
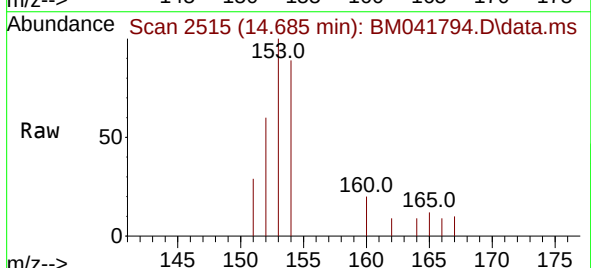
Tgt Ion:153 Resp: 933

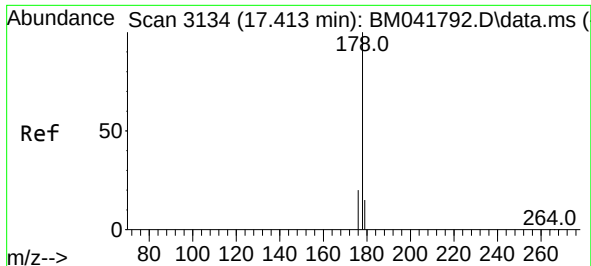
Ion Ratio Lower Upper

153 100

152 59.8 43.4 65.2

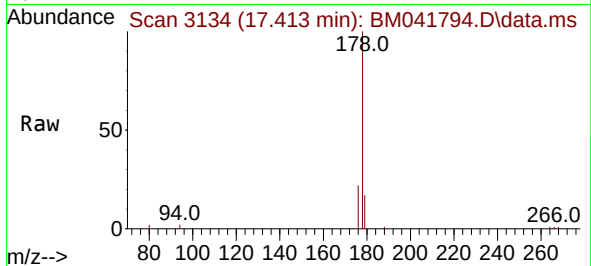
154 88.6 69.4 104.0





#15
Phenanthrene
Concen: 0.230 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

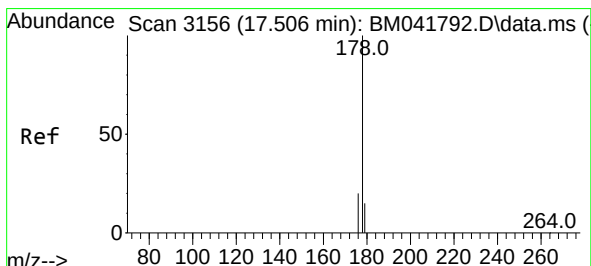
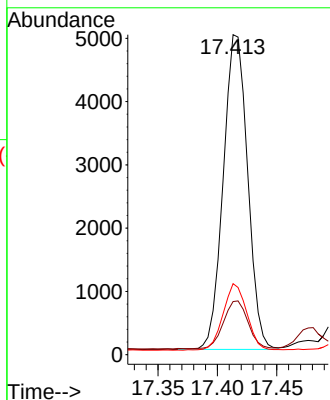
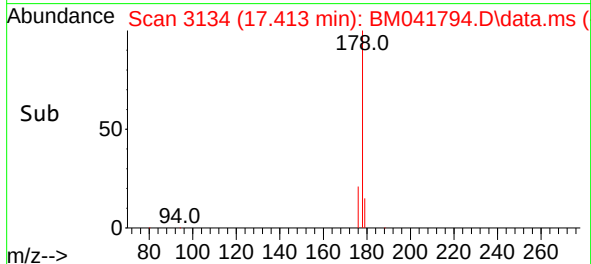
Instrument :
BNA_M
ClientSampleId :
EZYD8



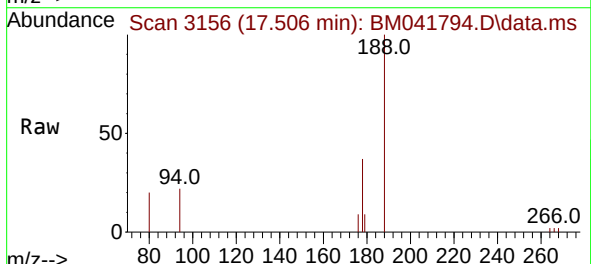
Tgt Ion:178 Resp: 7100
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 22.2 16.9 25.3

Manual Integrations
APPROVED

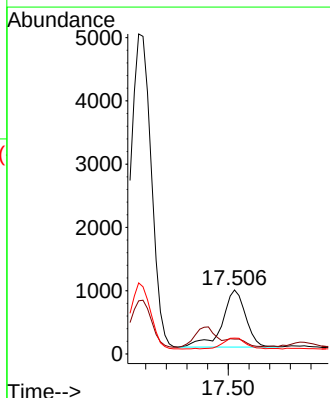
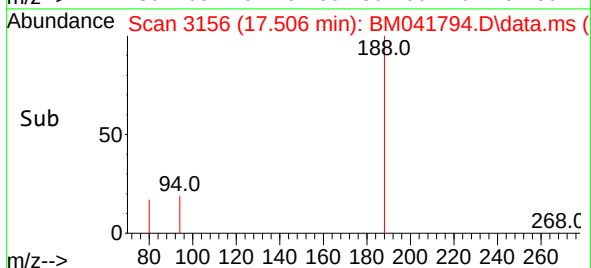
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

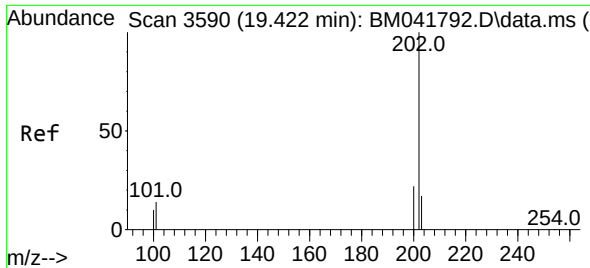


#16
Anthracene
Concen: 0.054 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07



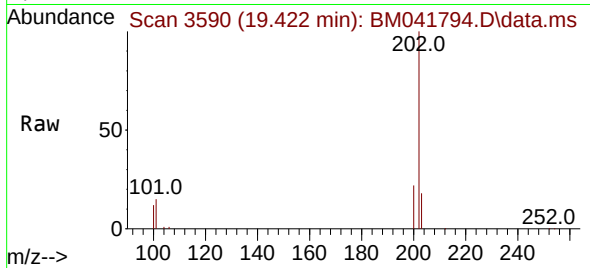
Tgt Ion:178 Resp: 1420
Ion Ratio Lower Upper
178 100
179 23.2 12.9 19.3#
176 24.7 15.8 23.8#





#19
Fluoranthene
Concen: 0.559 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

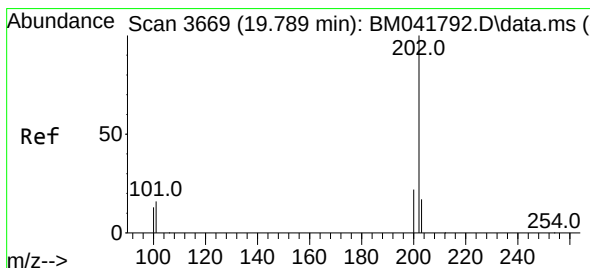
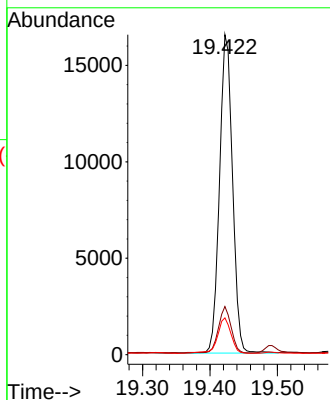
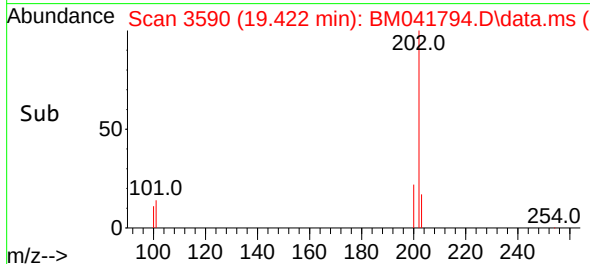
Instrument :
BNA_M
ClientSampleId :
EZYD8



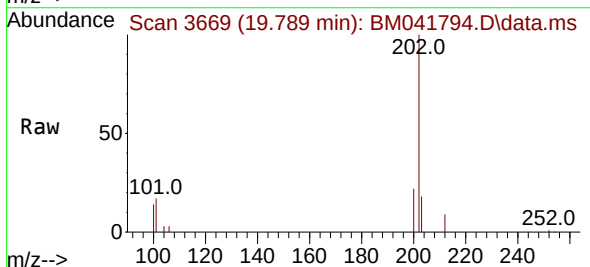
Tgt Ion:202 Resp: 22149
Ion Ratio Lower Upper
202 100
101 15.0 10.5 15.7
100 11.5 8.4 12.6

Manual Integrations
APPROVED

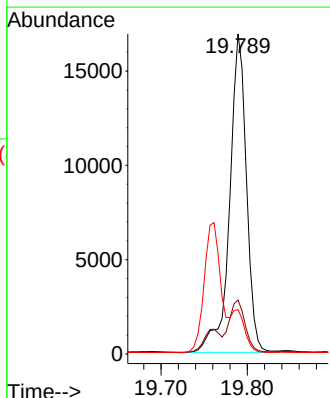
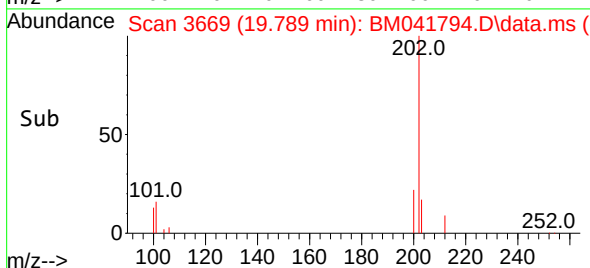
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

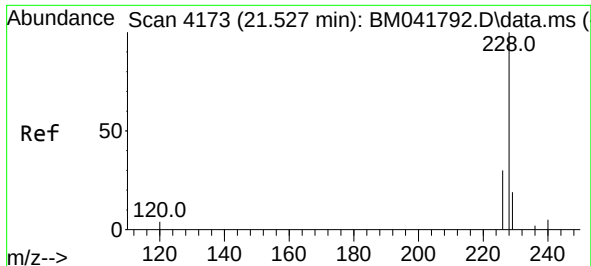


#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07



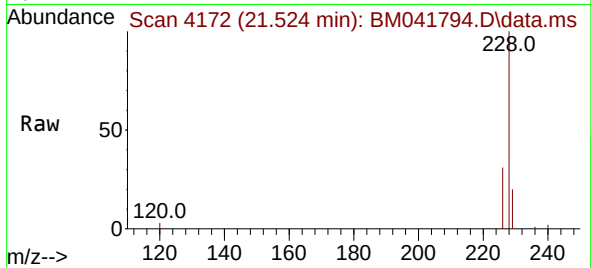
Tgt Ion:202 Resp: 22902
Ion Ratio Lower Upper
202 100
101 16.8 11.8 17.8
100 13.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.703 ng/ul
RT: 21.524 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

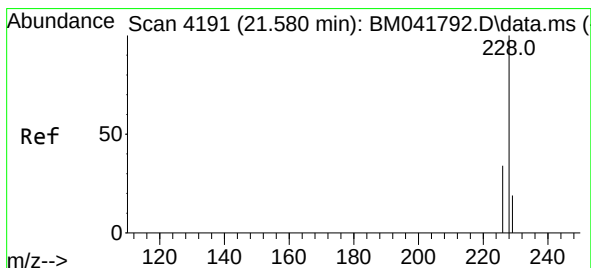
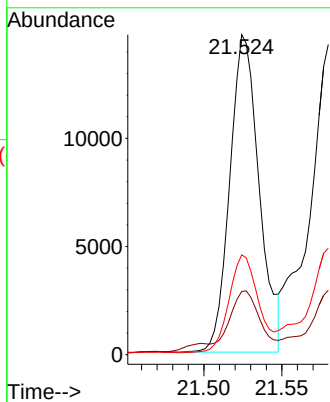
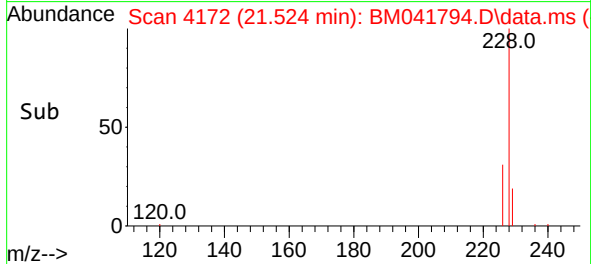
Instrument :
BNA_M
ClientSampleId :
EZYD8



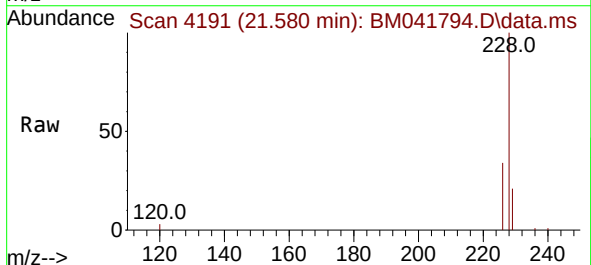
Tgt Ion:228 Resp: 19234
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 31.2 24.8 37.2

Manual Integrations
APPROVED

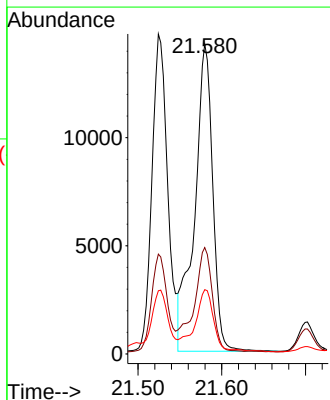
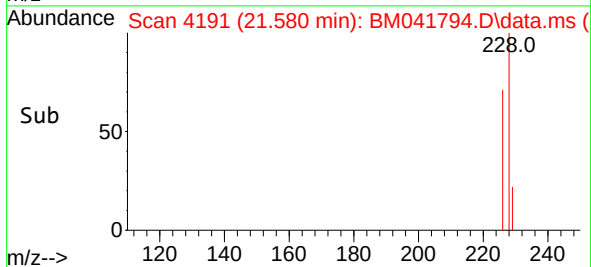
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

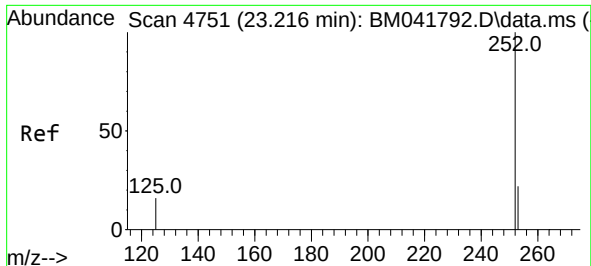


#22
Chrysene
Concen: 0.726 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07



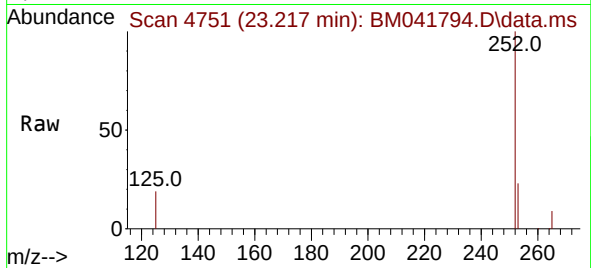
Tgt Ion:228 Resp: 21444
Ion Ratio Lower Upper
228 100
226 34.3 27.0 40.6
229 20.7 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 1.812 ng/ul
RT: 23.217 min Scan# 4751
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

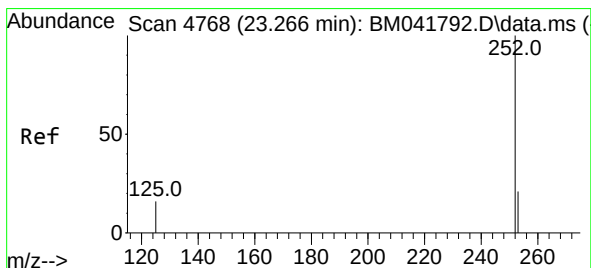
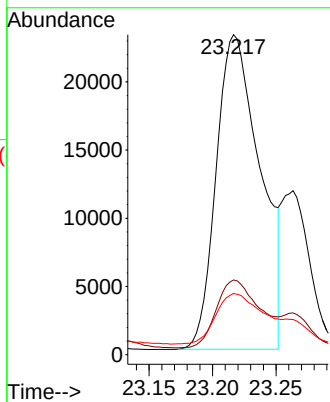
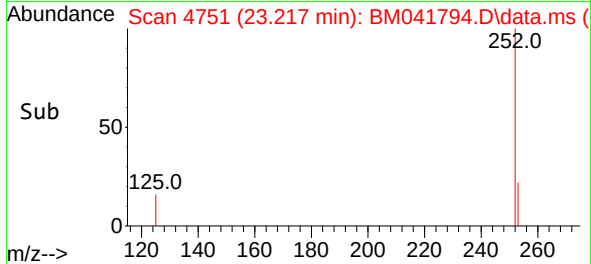
Instrument :
BNA_M
ClientSampleId :
EZYD8



Tgt Ion:252 Resp: 5570
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.4
125 19.2 0.0 42.8

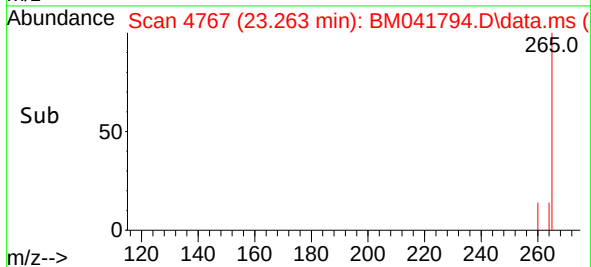
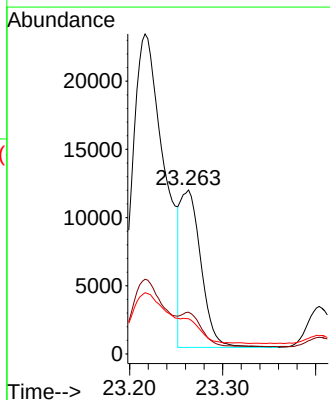
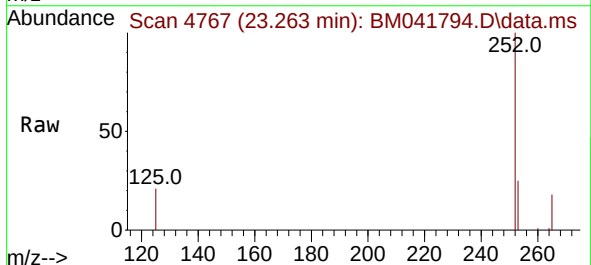
Manual Integrations
APPROVED

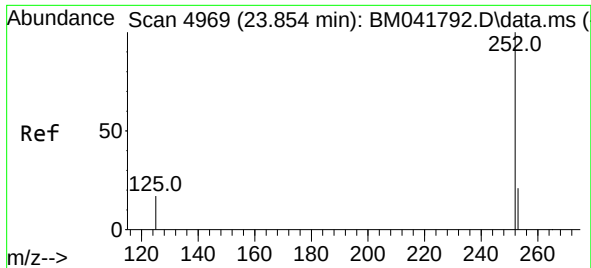
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#25
Benzo(k)fluoranthene
Concen: 0.592 ng/ul m
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

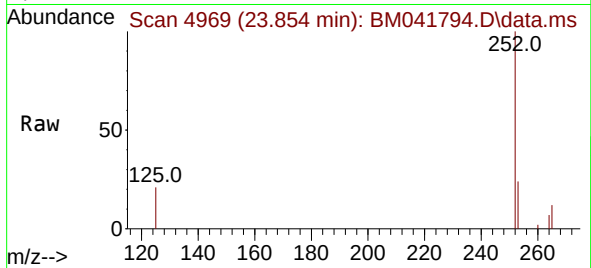
Tgt Ion:252 Resp: 17824
Ion Ratio Lower Upper
252 100
253 25.5 21.3 31.9
125 21.5 17.4 26.0





#26
Benzo(a)pyrene
Concen: 1.552 ng/ul
RT: 23.854 min Scan# 4969
Delta R.T. 0.000 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

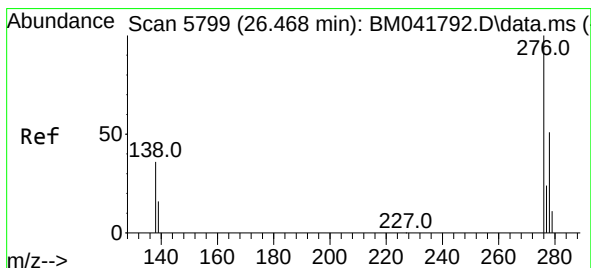
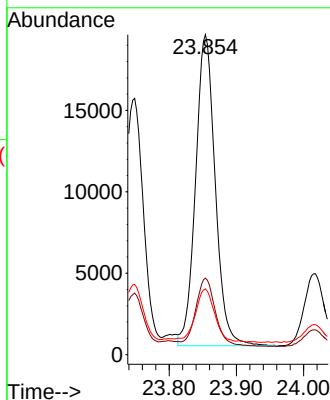
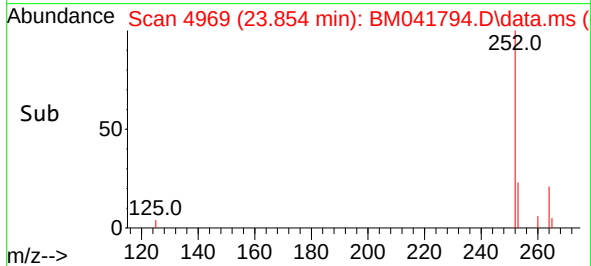
Instrument :
BNA_M
ClientSampleId :
EZYD8



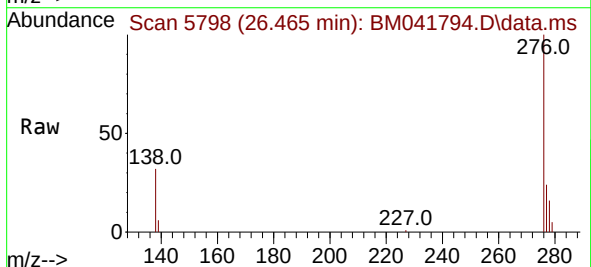
Tgt Ion:252 Resp: 3875
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 20.6 21.0 31.4

Manual Integrations
APPROVED

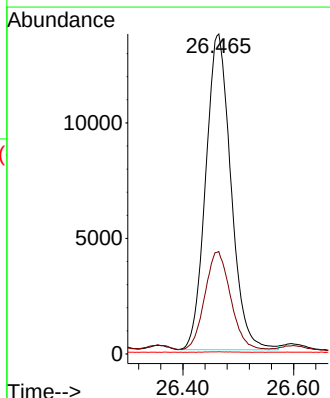
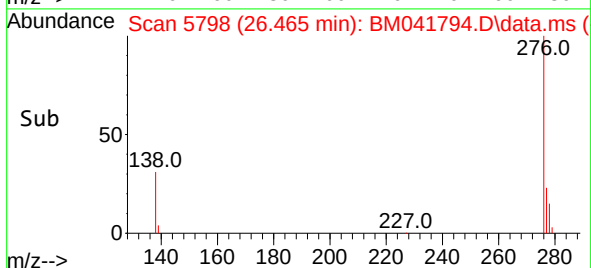
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

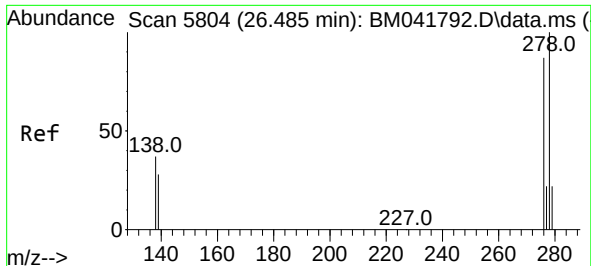


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.261 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.003 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07



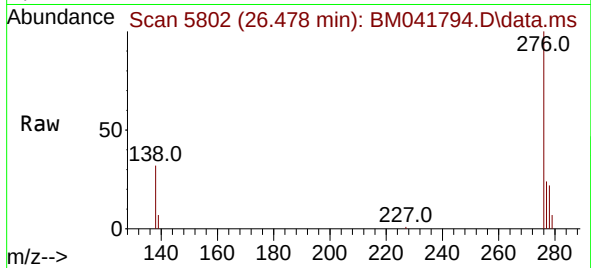
Tgt Ion:276 Resp: 43205
Ion Ratio Lower Upper
276 100
138 31.7 26.4 39.6
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.478 min Scan# 5804
Delta R.T. -0.007 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

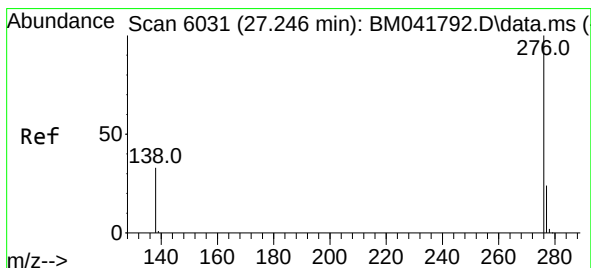
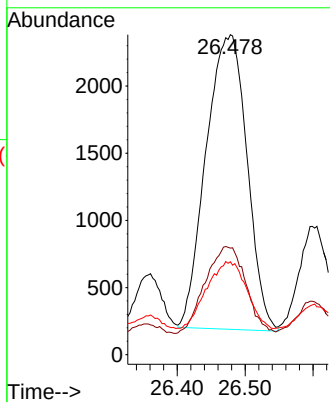
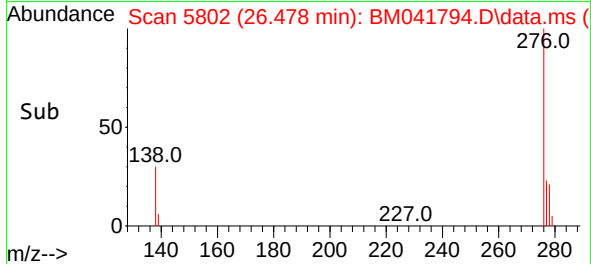
Instrument :
BNA_M
ClientSampleId :
EZYD8



Tgt Ion:278 Resp: 9180
Ion Ratio Lower Upper
278 100
139 33.3 23.0 34.6
279 29.1 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: 1.504 ng/ul
RT: 27.250 min Scan# 6032
Delta R.T. 0.003 min
Lab File: BM041794.D
Acq: 12 Sep 2023 01:07

Tgt Ion:276 Resp: 45657
Ion Ratio Lower Upper
276 100
138 32.7 25.0 37.4
277 23.8 20.2 30.2

