

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041808.D
 Acq On : 12 Sep 2023 09:41
 Operator : MA/JU
 Sample : 04175-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 12 13:13:56 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	5279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.795	136	12619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	5892	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	11524	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	6792	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	7689	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	5457	0.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	813	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	1320	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	9292	0.224	ng/ul	98
7) 2-Methylnaphthalene	12.451	142	5462	0.232	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	4086	0.173	ng/ul	100
10) Acenaphthylene	14.351	152	1552	0.043	ng/ul#	84
11) Acenaphthene	14.684	153	3144	0.111	ng/ul	99
12) Fluorene	15.670	166	2984	0.094	ng/ul	98
15) Phenanthrene	17.413	178	47996	0.986	ng/ul	99
16) Anthracene	17.506	178	8734	0.209	ng/ul	97
19) Fluoranthene	19.422	202	98015	1.223	ng/ul	99
20) Pyrene	19.789	202	85806m	1.078	ng/ul	
21) Benzo(a)anthracene	21.527	228	39835	0.719	ng/ul	99
22) Chrysene	21.582	228	42802	0.716	ng/ul	97
24) Benzo(b)fluoranthene	23.222	252	65218	0.948	ng/ul	99
25) Benzo(k)fluoranthene	23.266	252	21902m	0.325	ng/ul	
26) Benzo(a)pyrene	23.857	252	43489	0.778	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.465	276	37799	0.493	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.478	278	8632	0.161	ng/ul#	77
29) Benzo(g,h,i)perylene	27.253	276	34490	0.508	ng/ul	99

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

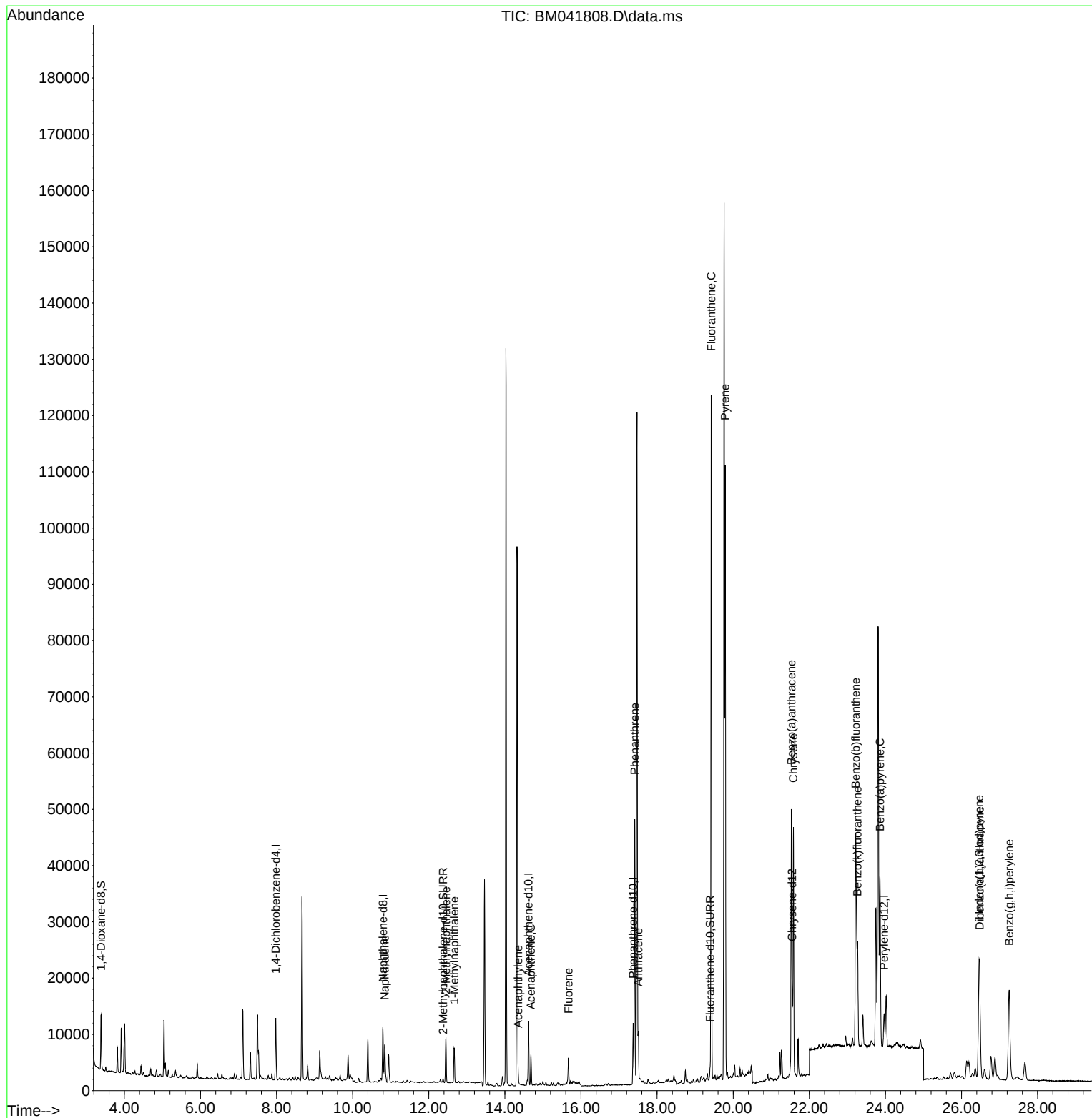
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041808.D
Acq On : 12 Sep 2023 09:41
Operator : MA/JU
Sample : 04175-22
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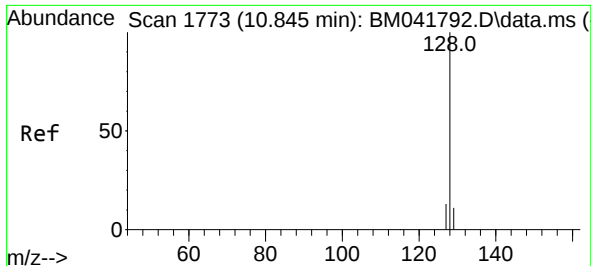
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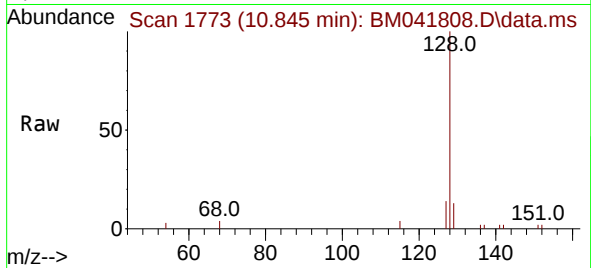
Quant Time: Sep 12 13:13:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.224 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

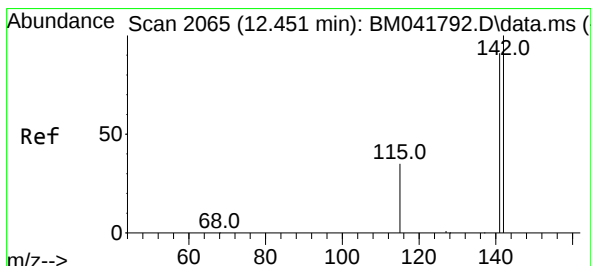
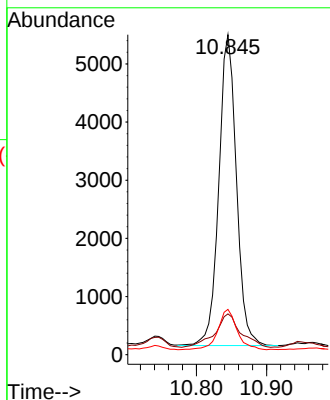
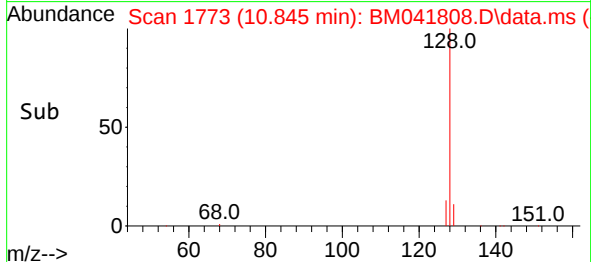
Instrument :
BNA_M
ClientSampleId :
EZYW5



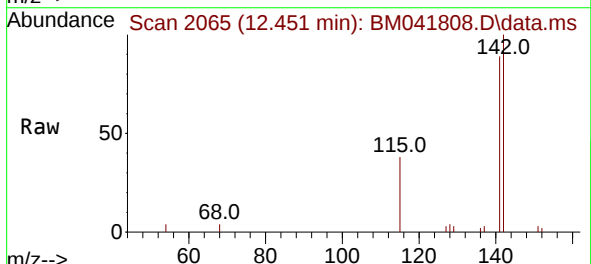
Tgt Ion:128 Resp: 929
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 14.1 11.0 16.6

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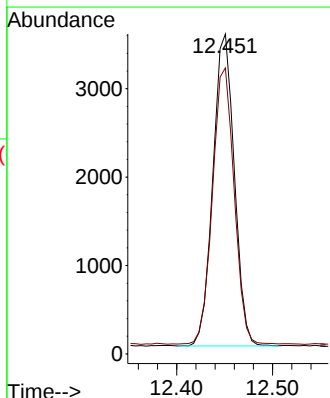
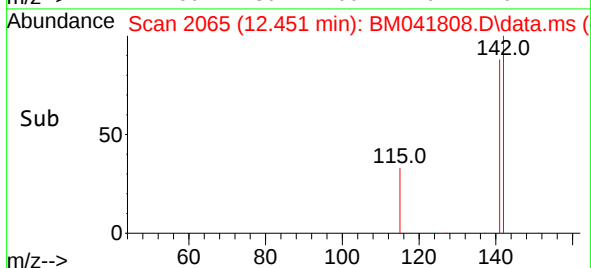
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023

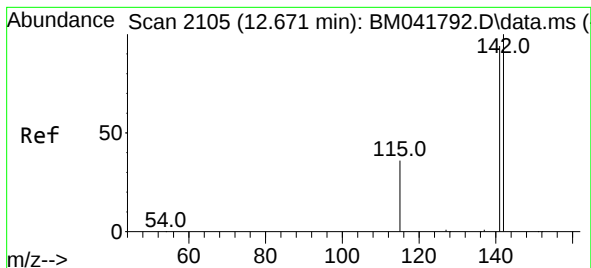


#7
2-Methylnaphthalene
Concen: 0.232 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41



Tgt Ion:142 Resp: 5462
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.173 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BM041808.D

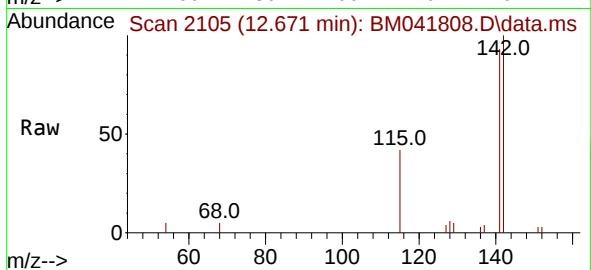
Acq: 12 Sep 2023 09:41

Instrument :

BNA_M

ClientSampleId :

EZYW5



Tgt Ion:142 Resp: 4086

Ion Ratio Lower Upper

142 100

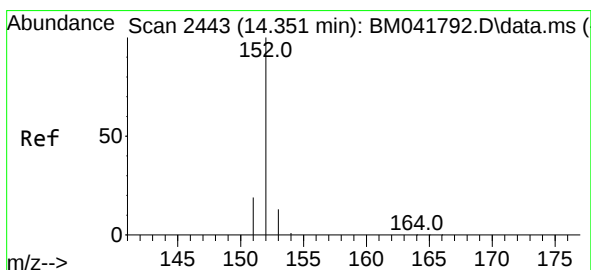
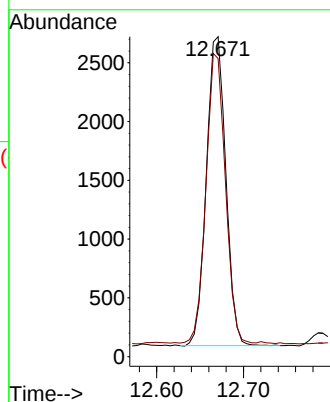
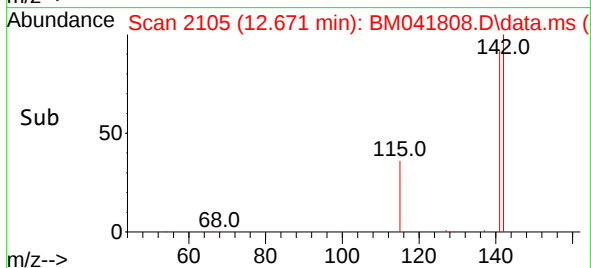
141 93.0 74.4 111.6

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Supervised By :mohammad ahmed 09/14/2023



#10

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.351 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BM041808.D

Acq: 12 Sep 2023 09:41

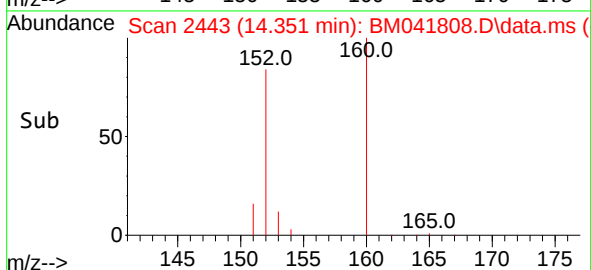
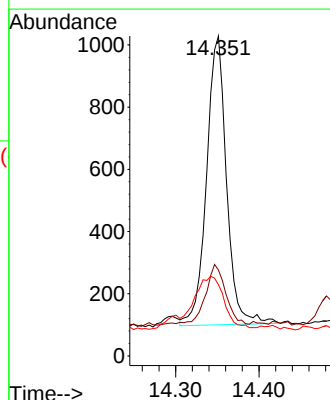
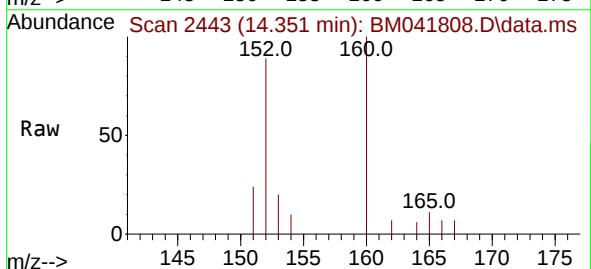
Tgt Ion:152 Resp: 1552

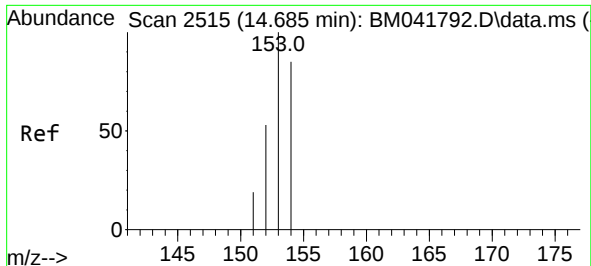
Ion Ratio Lower Upper

152 100

151 26.8 16.4 24.6#

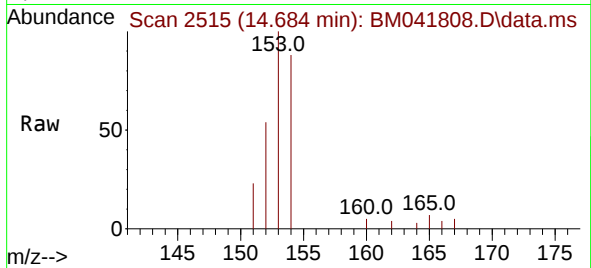
153 22.3 11.1 16.7#





#11
Acenaphthene
Concen: 0.111 ng/u1
RT: 14.684 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

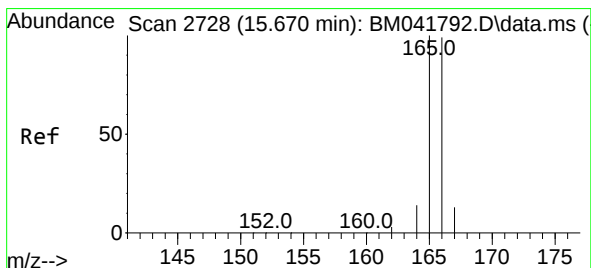
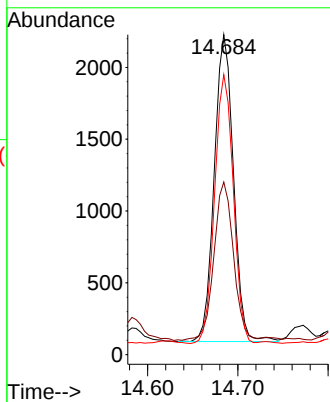
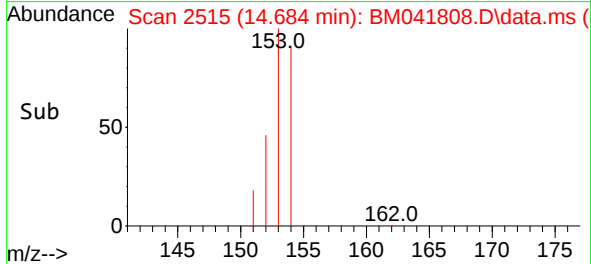
Instrument :
BNA_M
ClientSampleId :
EZYW5



Tgt Ion:153 Resp: 3144
Ion Ratio Lower Upper
153 100
152 53.9 43.4 65.2
154 87.5 69.4 104.0

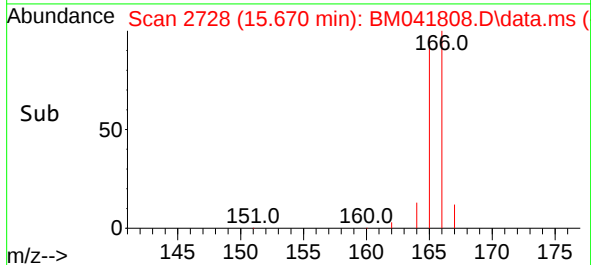
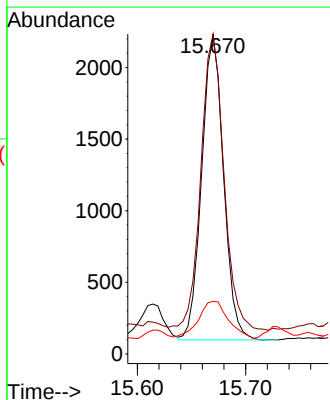
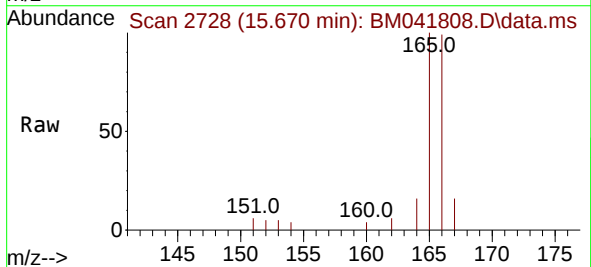
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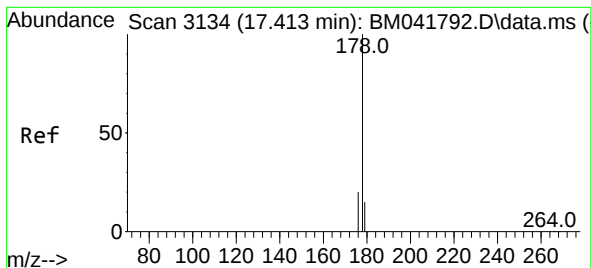
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023



#12
Fluorene
Concen: 0.094 ng/u1
RT: 15.670 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

Tgt Ion:166 Resp: 2984
Ion Ratio Lower Upper
166 100
165 100.6 79.4 119.2
167 16.6 11.3 16.9





#15

Phenanthrene

Concen: 0.986 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM041808.D

Acq: 12 Sep 2023 09:41

Instrument :

BNA_M

ClientSampleId :

EZYW5

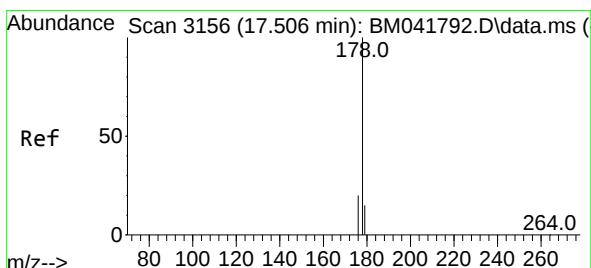
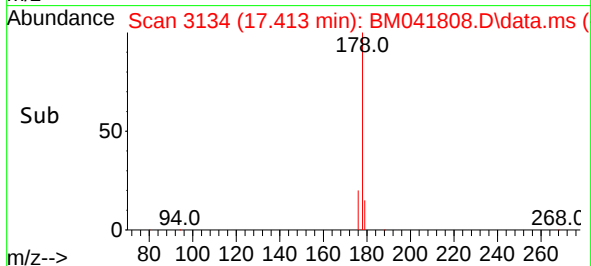
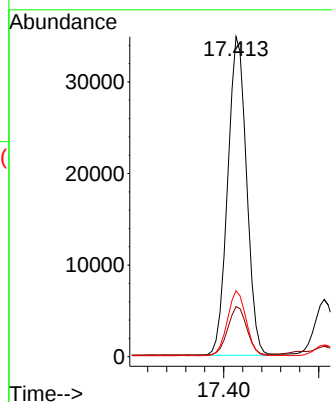
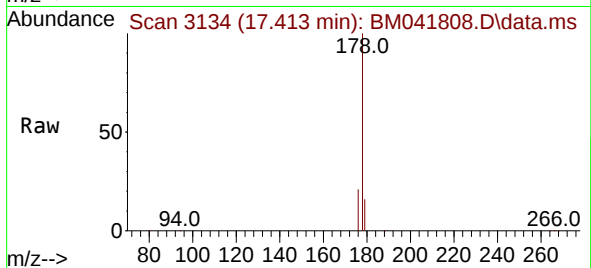
Tgt Ion:178	Resp:	47990
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.9 19.3
176	20.6	16.9 25.3

Manual Integrations

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Supervised By :mohammad ahmed 09/14/2023



#16

Anthracene

Concen: 0.209 ng/ul

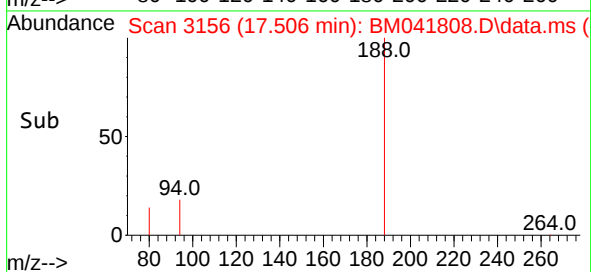
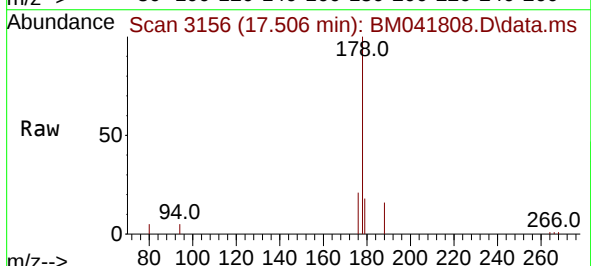
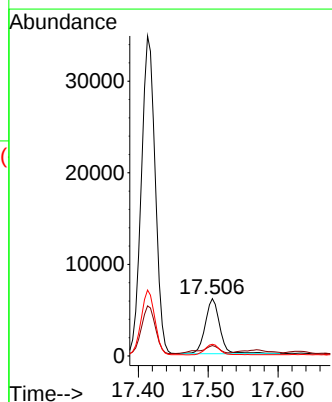
RT: 17.506 min Scan# 3156

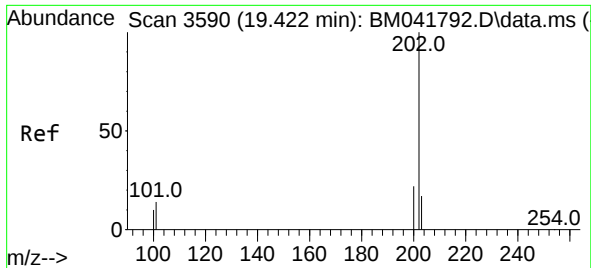
Delta R.T. -0.000 min

Lab File: BM041808.D

Acq: 12 Sep 2023 09:41

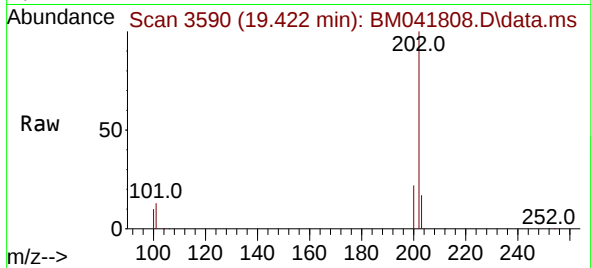
Tgt Ion:178	Resp:	8734
Ion Ratio	Lower	Upper
178	100	
179	18.3	12.9 19.3
176	20.5	15.8 23.8





#19
Fluoranthene
Concen: 1.223 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

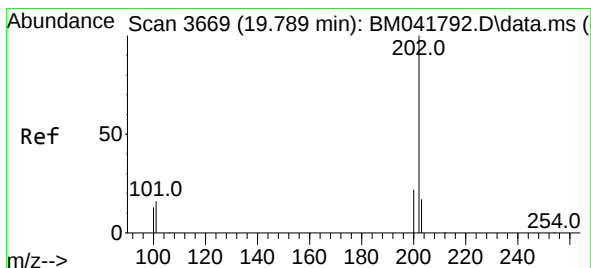
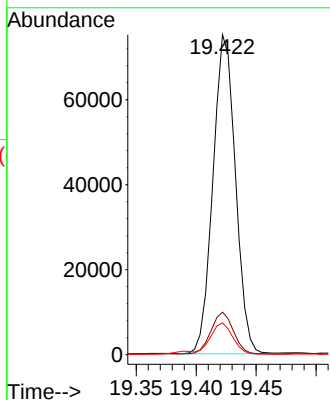
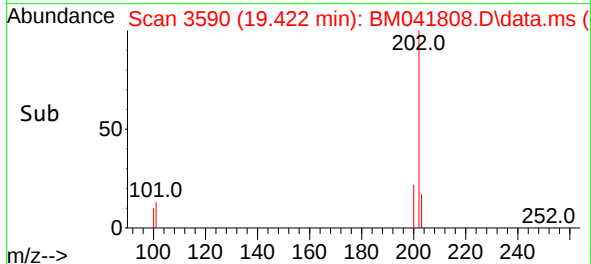
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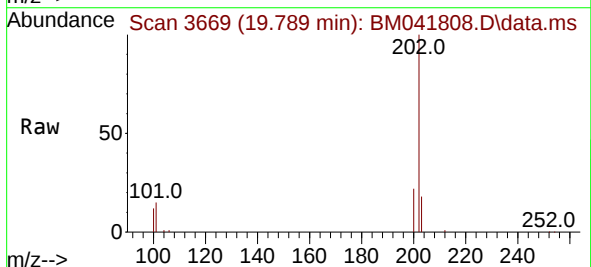
Tgt Ion:202 Resp: 98015
Ion Ratio Lower Upper
202 100
101 13.3 10.5 15.7
100 10.0 8.4 12.6

Manual Integrations
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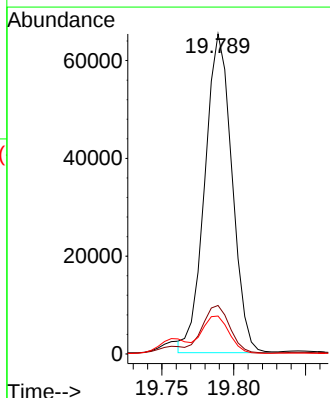
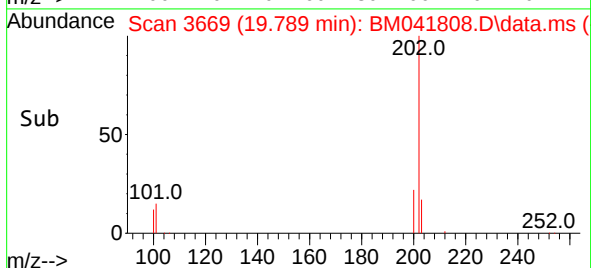
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023

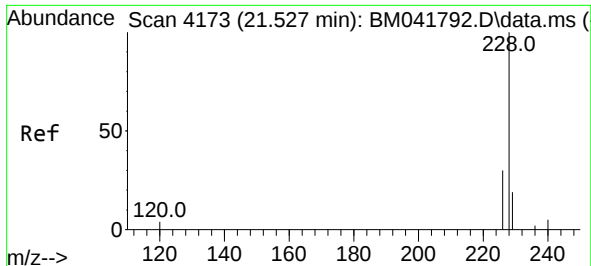


#20
Pyrene
Concen: 1.078 ng/ul m
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41



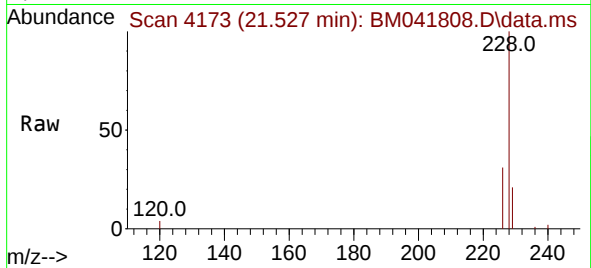
Tgt Ion:202 Resp: 85806
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.719 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

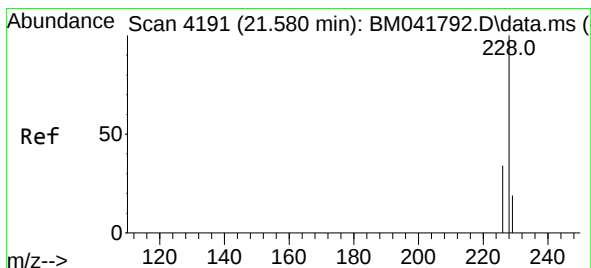
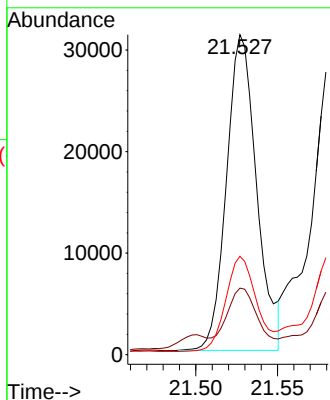
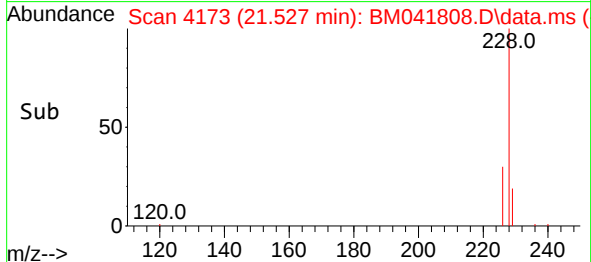
Instrument :
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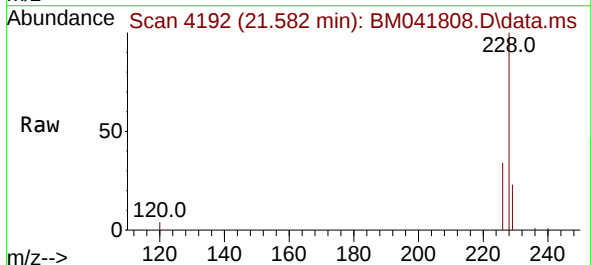
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Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 30.7 24.8 37.2

Manual Integrations
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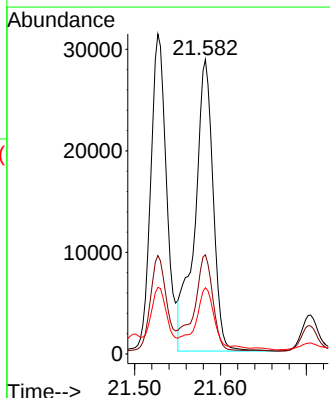
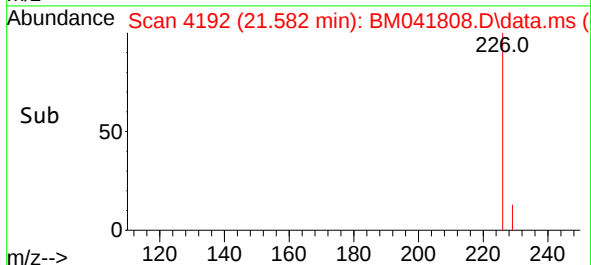
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023

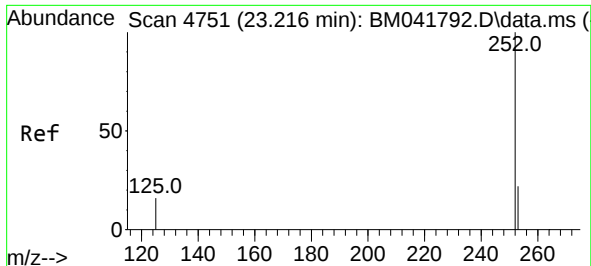


#22
Chrysene
Concen: 0.716 ng/ul
RT: 21.582 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41



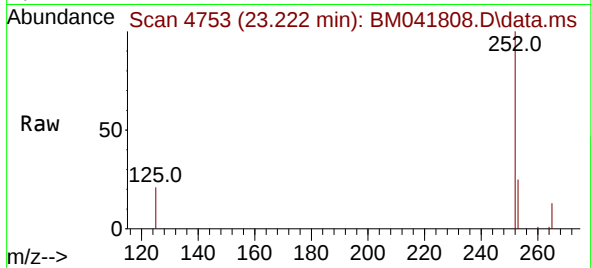
Tgt Ion:228 Resp: 42802
Ion Ratio Lower Upper
228 100
226 33.7 27.0 40.6
229 22.5 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.948 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

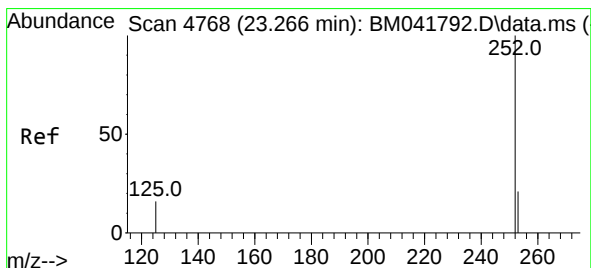
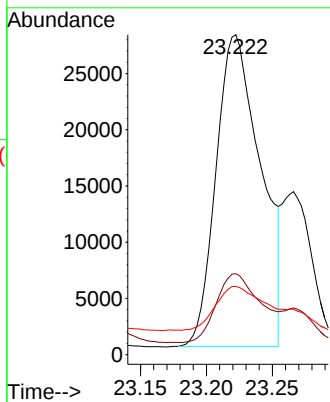
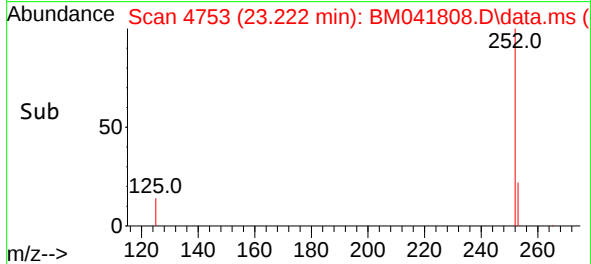
Instrument :
BNA_M
ClientSampleId :
EZYW5



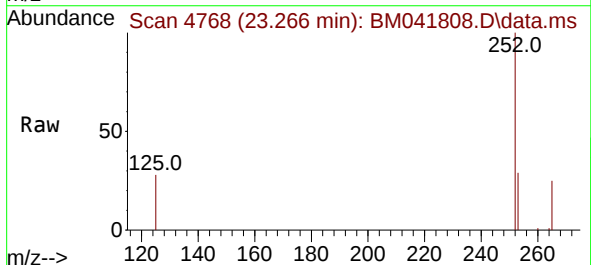
Tgt Ion:252 Resp: 65218
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.4
125 21.4 0.0 42.8

Manual Integrations
APPROVED

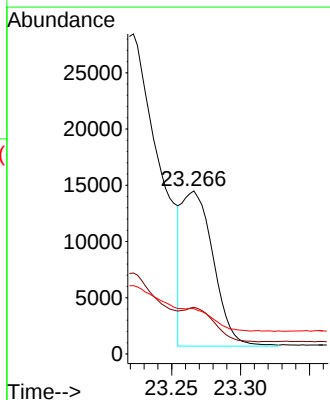
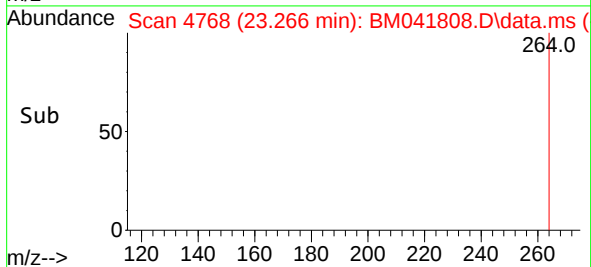
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023

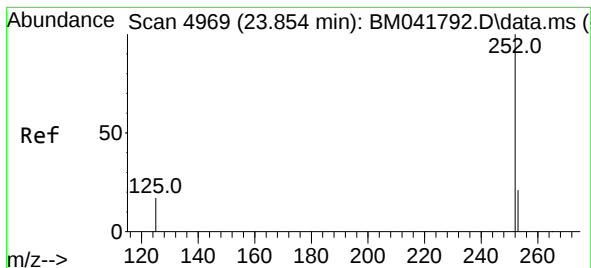


#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 23.266 min Scan# 4768
Delta R.T. -0.000 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41



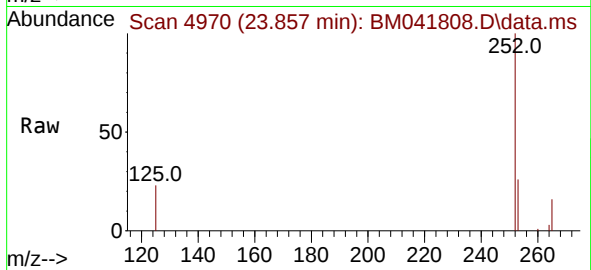
Tgt Ion:252 Resp: 21902
Ion Ratio Lower Upper
252 100
253 28.7 21.3 31.9
125 27.8 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.778 ng/ul
RT: 23.857 min Scan# 4969
Delta R.T. 0.003 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

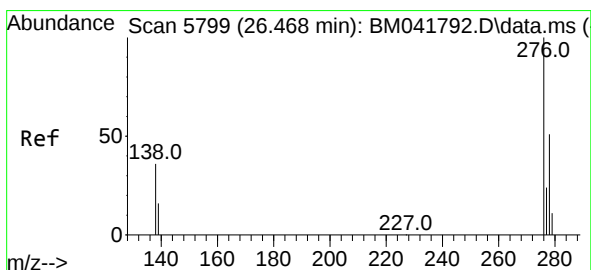
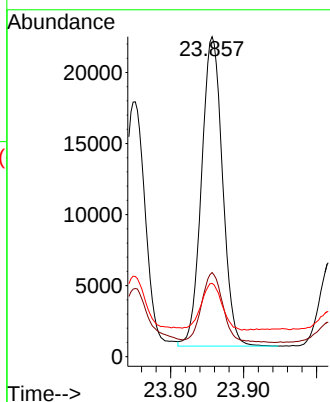
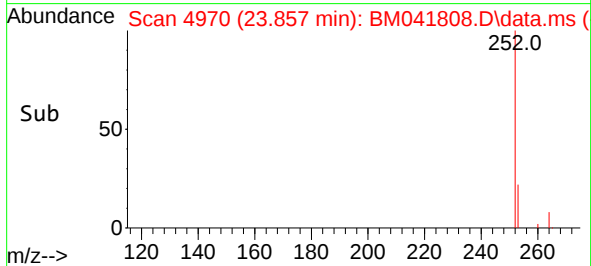
Instrument :
BNA_M
ClientSampleId :
EZYW5



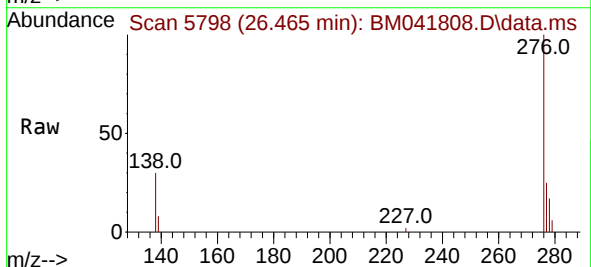
Tgt Ion:252 Resp: 43489
Ion Ratio Lower Upper
252 100
253 26.3 22.4 33.6
125 22.9 21.0 31.4

Manual Integrations
APPROVED

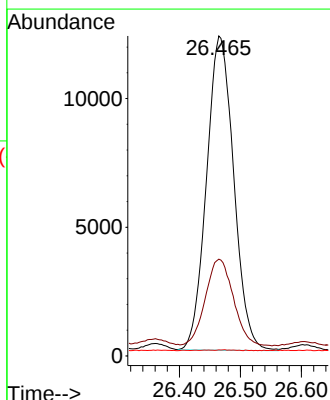
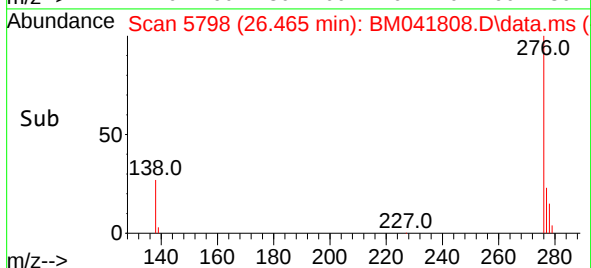
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023

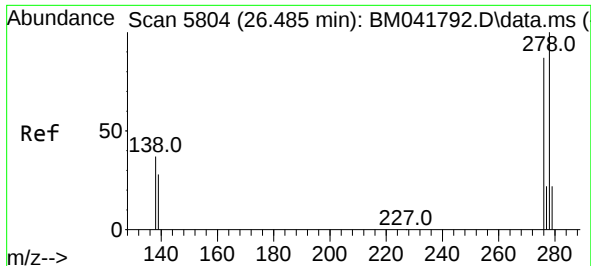


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.003 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41



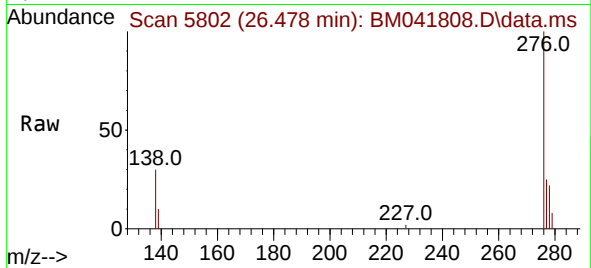
Tgt Ion:276 Resp: 37799
Ion Ratio Lower Upper
276 100
138 28.6 26.4 39.6
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 26.478 min Scan# 5802
Delta R.T. -0.007 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41

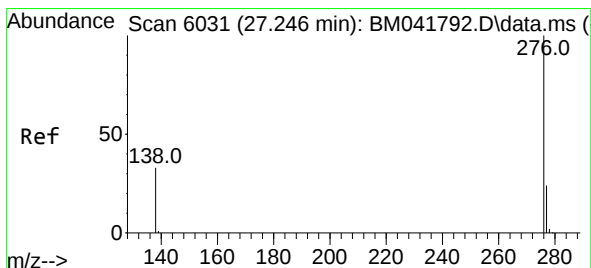
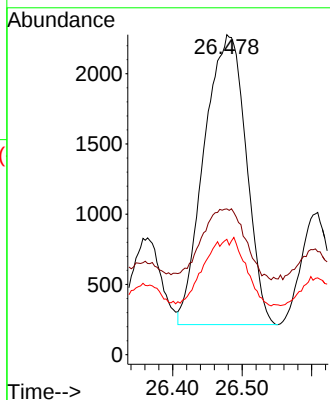
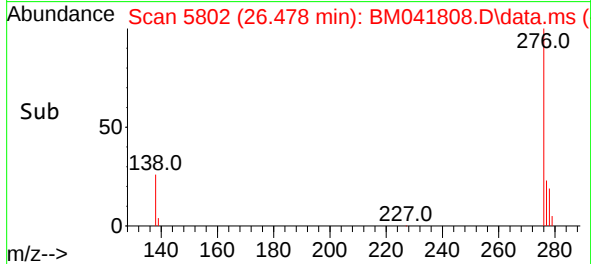
Instrument :
BNA_M
ClientSampleId :
EZYW5



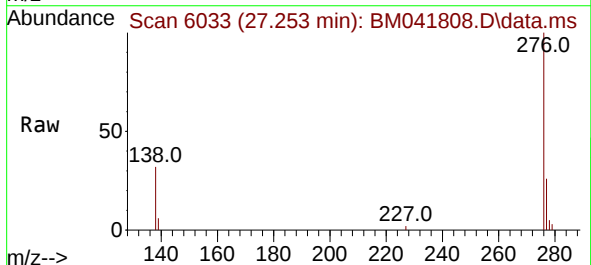
Tgt Ion:278 Resp: 863
Ion Ratio Lower Upper
278 100
139 45.6 23.0 34.6
279 36.0 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.508 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. 0.007 min
Lab File: BM041808.D
Acq: 12 Sep 2023 09:41



Tgt Ion:276 Resp: 34490
Ion Ratio Lower Upper
276 100
138 31.7 25.0 37.4
277 25.6 20.2 30.2

