

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037224.D
 Acq On : 25 Oct 2022 12:31
 Operator : CG/JU
 Sample : N5144-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 31 00:50:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5333	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	16971	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	10285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.267	188	21520	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	17107	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	12848	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	28309	4.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7220	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	17492	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	27083	0.539	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	22912	0.761	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	18759	0.611	ng/ul	99
10) Acenaphthylene	14.251	152	7136	0.161	ng/ul#	89
11) Acenaphthene	14.593	153	1751	0.044	ng/ul	95
12) Fluorene	15.574	166	2056	0.044	ng/ul#	91
15) Phenanthrene	17.309	178	58313	0.803	ng/ul	99
16) Anthracene	17.402	178	10305	0.179	ng/ul	97
19) Fluoranthene	19.322	202	114231	1.537	ng/ul	99
20) Pyrene	19.689	202	98335m	1.305	ng/ul	
21) Benzo(a)anthracene	21.430	228	52909	0.797	ng/ul	96
22) Chrysene	21.482	228	56944	0.745	ng/ul	97
24) Benzo(b)fluoranthene	23.096	252	64468	0.947	ng/ul	99
25) Benzo(k)fluoranthene	23.136	252	23004m	0.350	ng/ul	
26) Benzo(a)pyrene	23.712	252	36768	0.673	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.269	276	26143	0.343	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.276	278	6846	0.114	ng/ul#	77
29) Benzo(g,h,i)perylene	27.027	276	22811	0.340	ng/ul	98

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

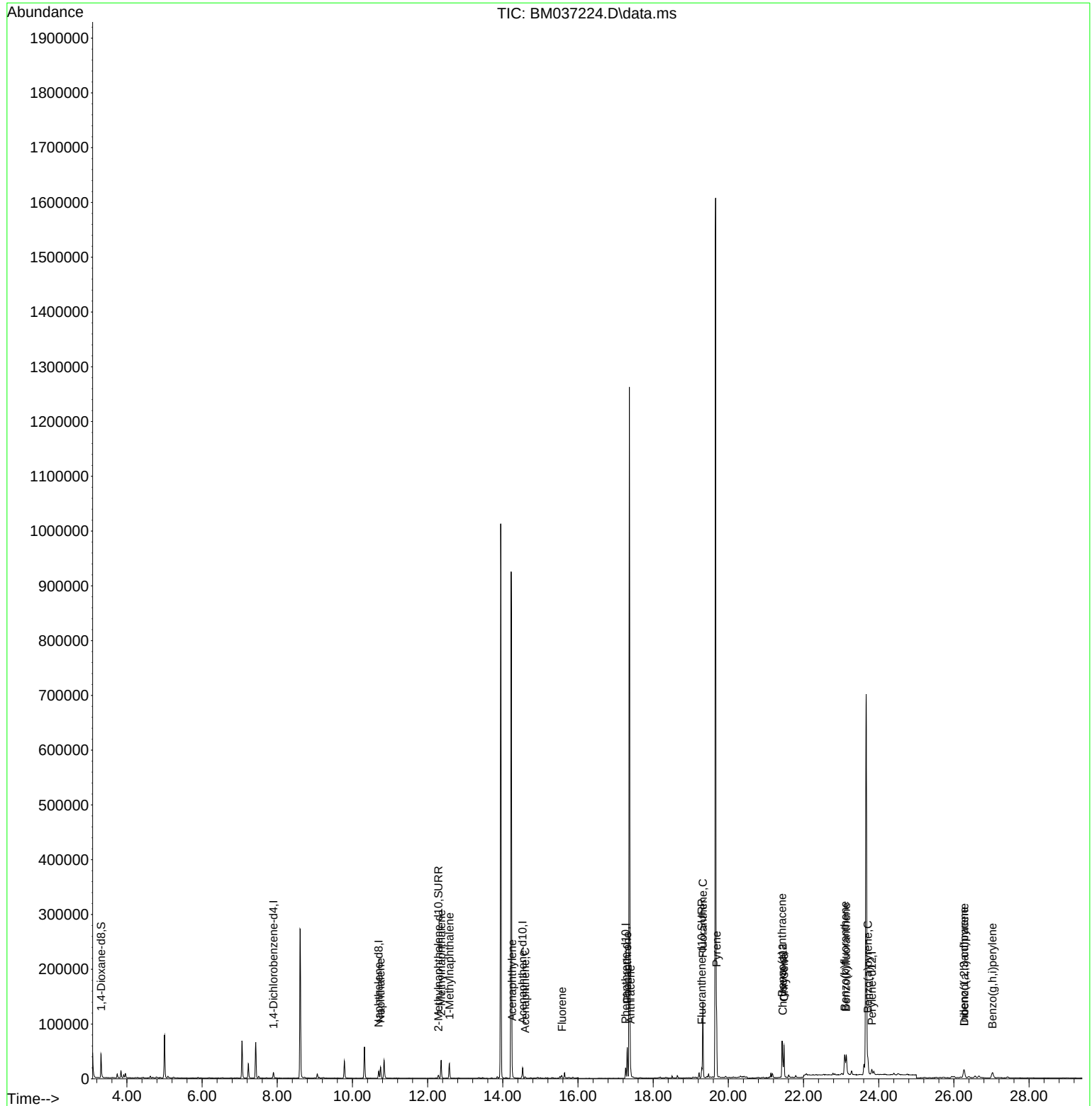
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037224.D
Acq On : 25 Oct 2022 12:31
Operator : CG/JU
Sample : N5144-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

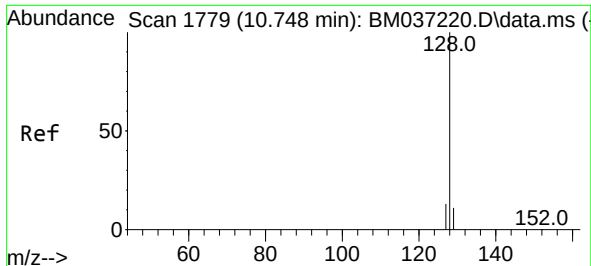
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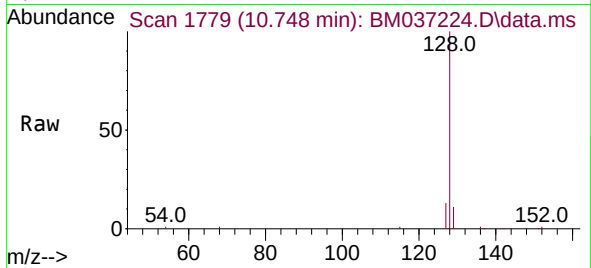
Quant Time: Oct 31 00:50:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.539 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

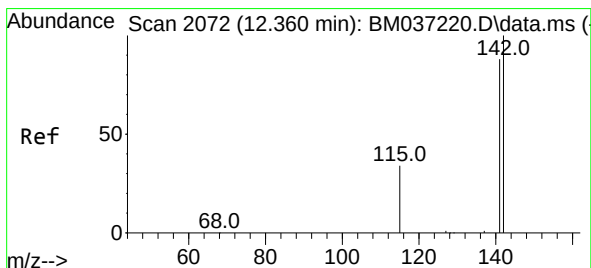
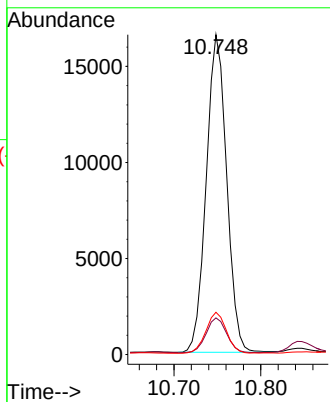
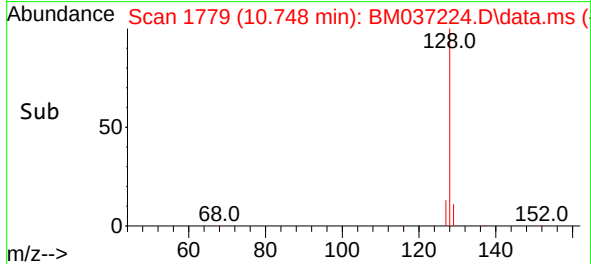
Instrument :
BNA_M
ClientSampleId :
C0BK8



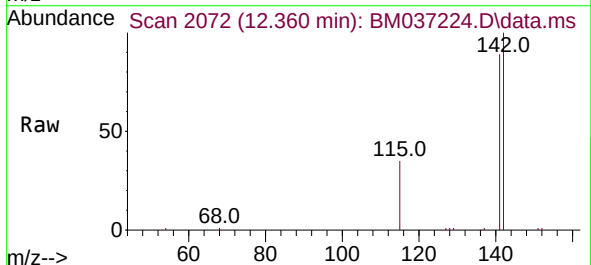
Tgt Ion:128 Resp: 27083
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.5 15.7

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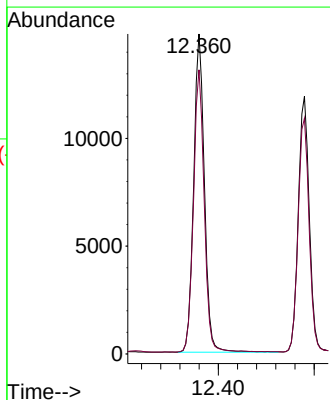
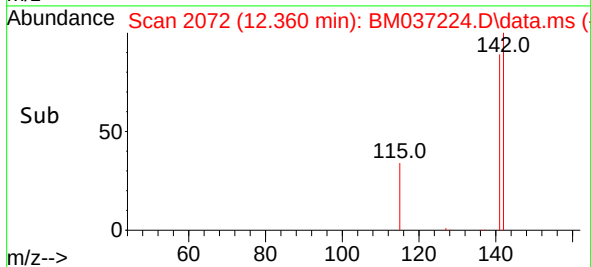
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

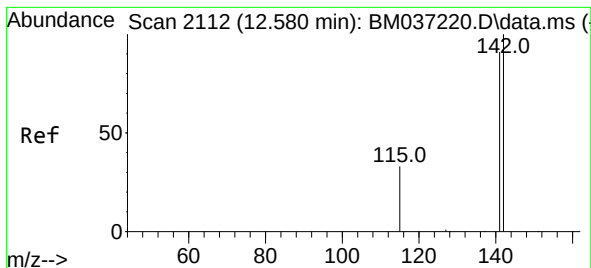


#7
2-Methylnaphthalene
Concen: 0.761 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31



Tgt Ion:142 Resp: 22912
Ion Ratio Lower Upper
142 100
141 88.9 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.611 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BM037224.D

Acq: 25 Oct 2022 12:31

Instrument :

BNA_M

ClientSampleId :

C0BK8

Tgt Ion:142 Resp: 18759

Ion Ratio Lower Upper

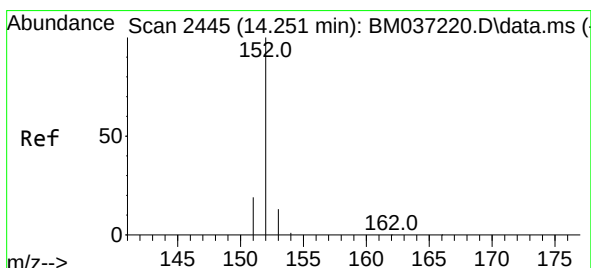
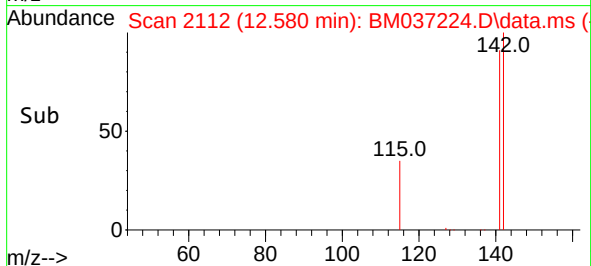
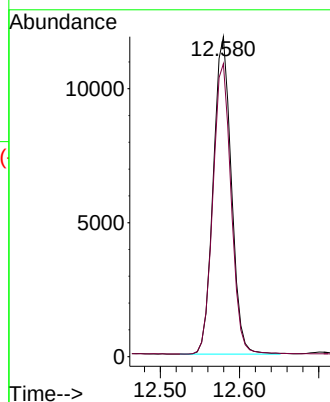
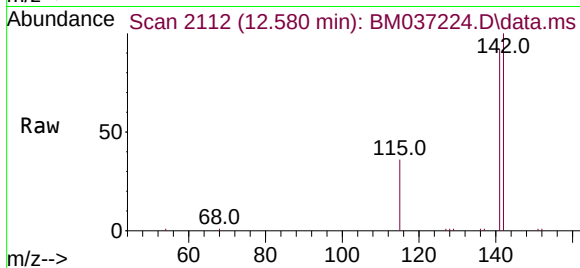
142 100

141 92.1 74.2 111.4

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#10

Acenaphthylene

Concen: 0.161 ng/ul

RT: 14.251 min Scan# 2445

Delta R.T. -0.001 min

Lab File: BM037224.D

Acq: 25 Oct 2022 12:31

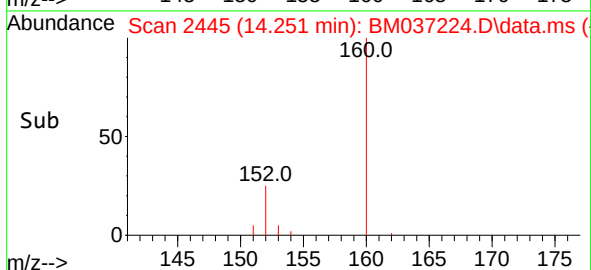
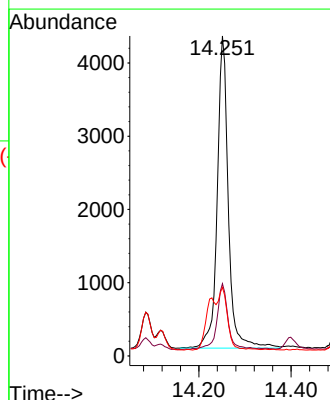
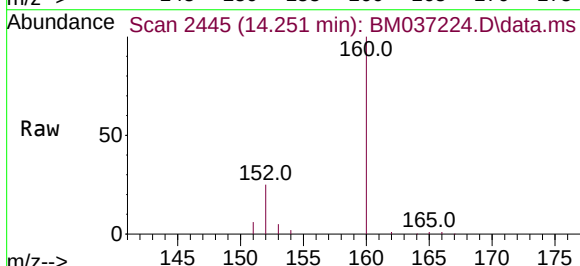
Tgt Ion:152 Resp: 7136

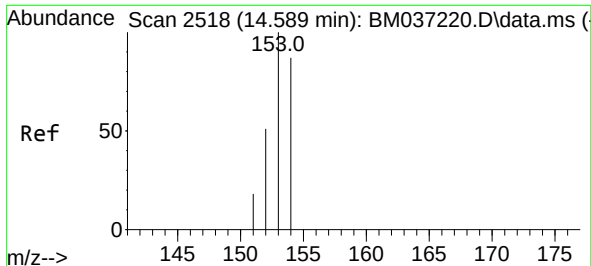
Ion Ratio Lower Upper

152 100

151 22.6 16.2 24.2

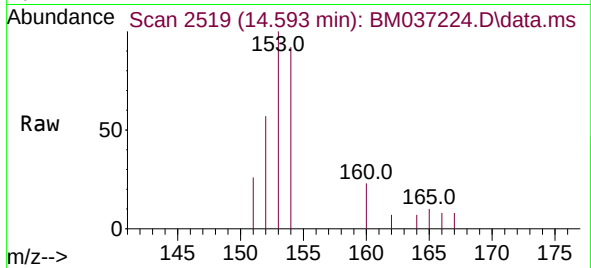
153 21.4 10.8 16.2#





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.593 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

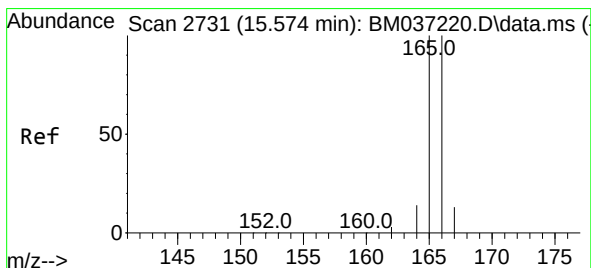
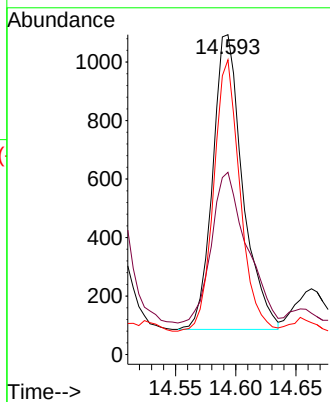
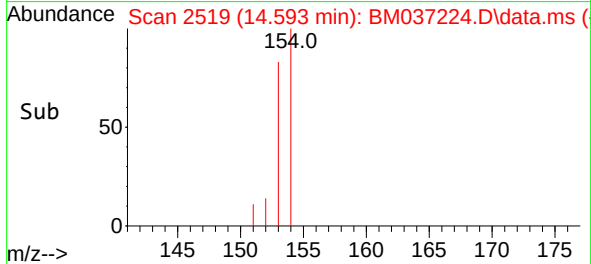
Instrument :
BNA_M
ClientSampleId :
C0BK8



Tgt Ion:153 Resp: 175
Ion Ratio Lower Upper
153 100
152 56.9 43.3 64.9
154 92.1 70.0 105.0

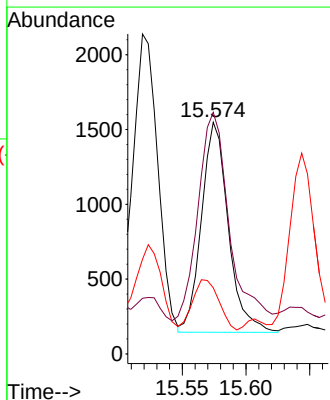
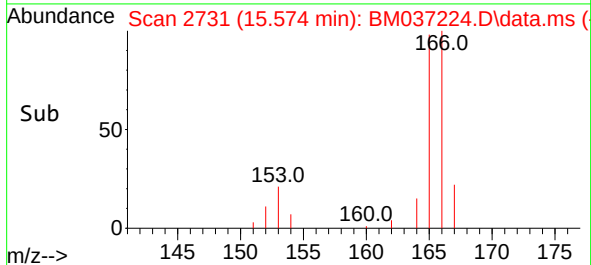
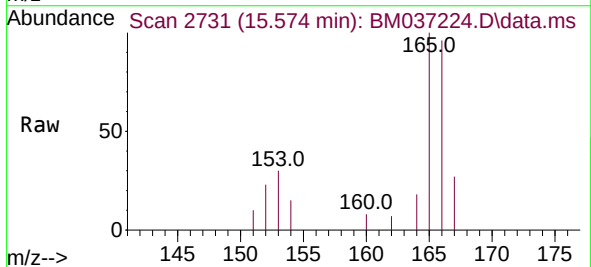
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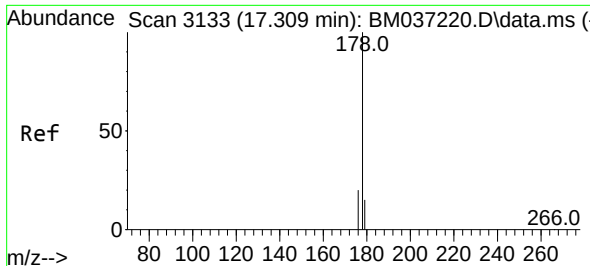
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

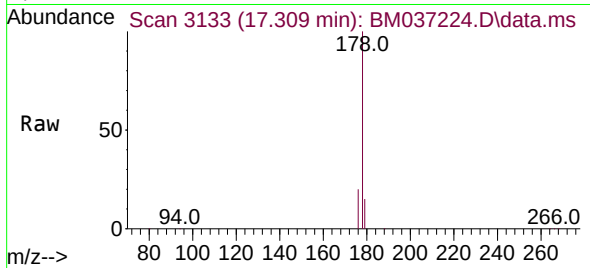
Tgt Ion:166 Resp: 2056
Ion Ratio Lower Upper
166 100
165 104.3 79.4 119.2
167 28.6 11.3 16.9#





#15
Phenanthrene
Concen: 0.803 ng/u1
RT: 17.309 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

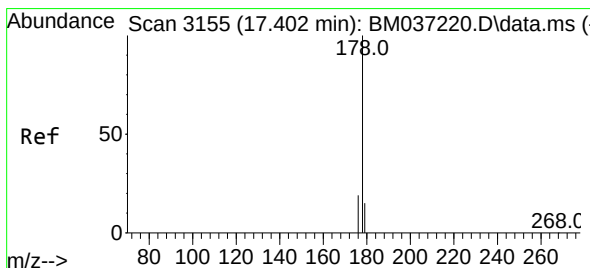
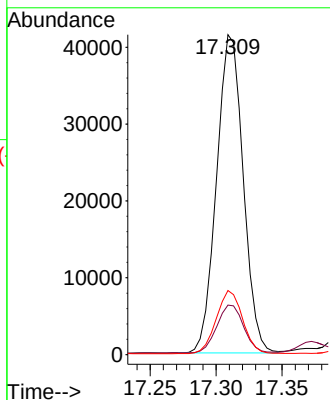
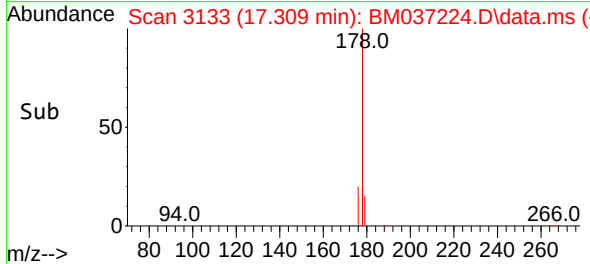
Instrument :
BNA_M
ClientSampleId :
C0BK8



Tgt Ion:178 Resp: 58313
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 20.0 16.1 24.1

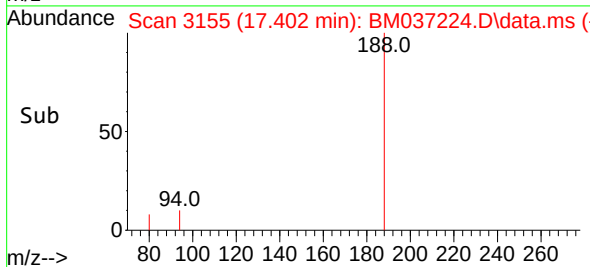
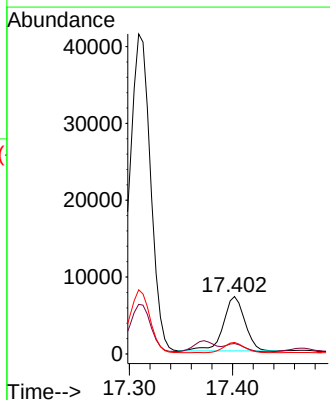
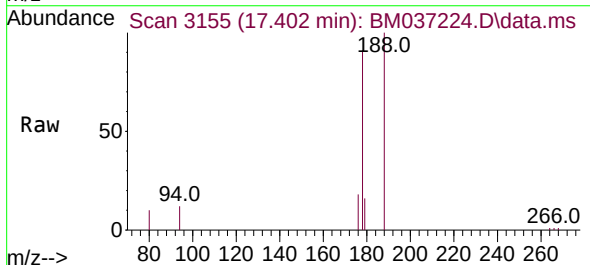
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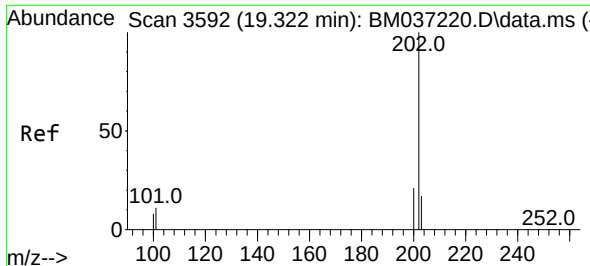
Reviewed By :Jagrut Upadhyay 11/01/2022
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#16
Anthracene
Concen: 0.179 ng/u1
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

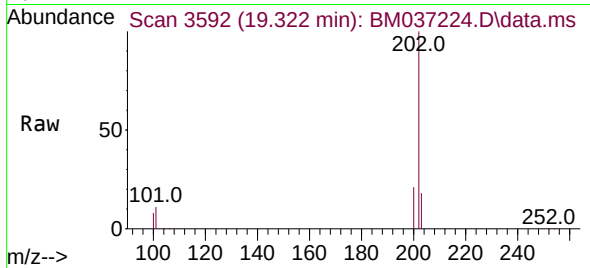
Tgt Ion:178 Resp: 10305
Ion Ratio Lower Upper
178 100
179 18.0 13.1 19.7
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 1.537 ng/ul
RT: 19.322 min Scan# 3592
Delta R.T. -0.006 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

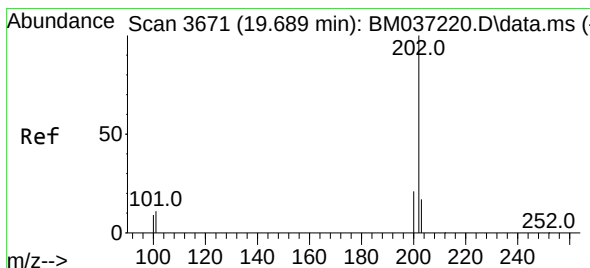
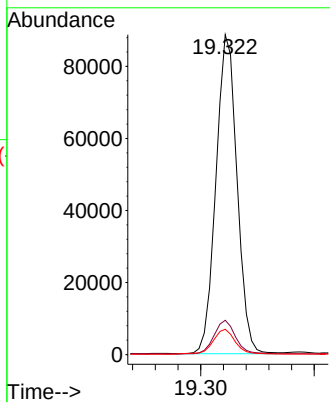
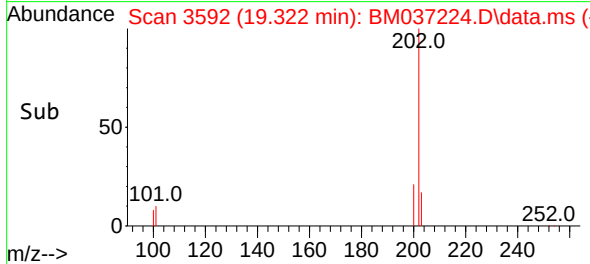
Instrument :
BNA_M
ClientSampleId :
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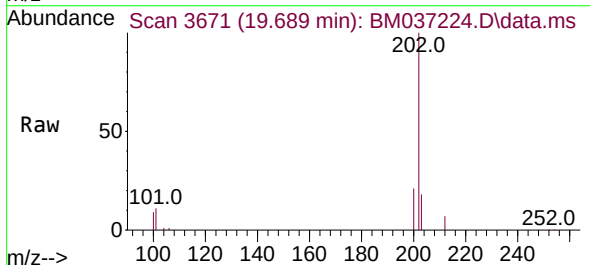
Tgt Ion:202 Resp: 114231
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 7.9 6.9 10.3

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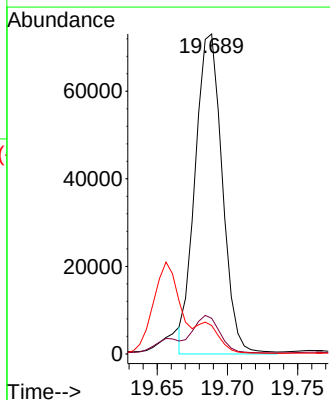
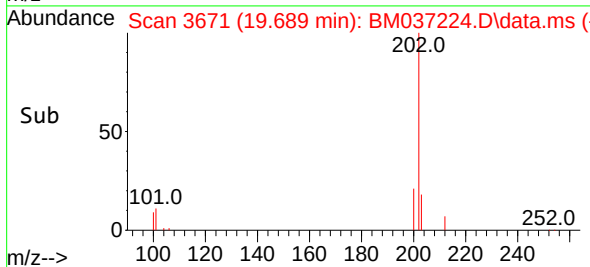
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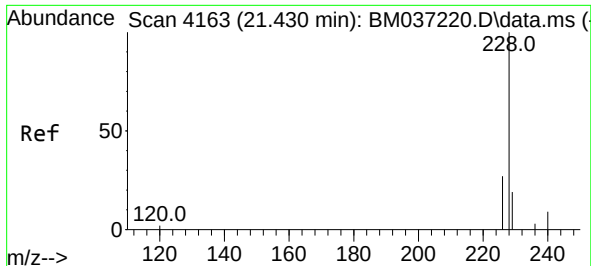


#20
Pyrene
Concen: 1.305 ng/ul m
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31



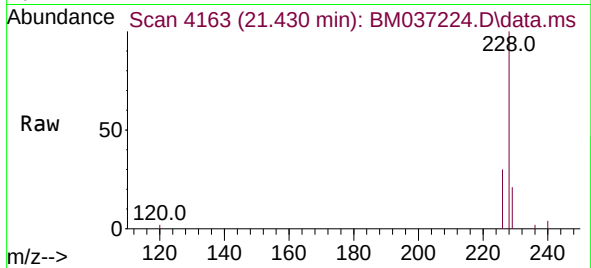
Tgt Ion:202 Resp: 98335
Ion Ratio Lower Upper
202 100
101 11.1 9.7 14.5
100 8.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.797 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

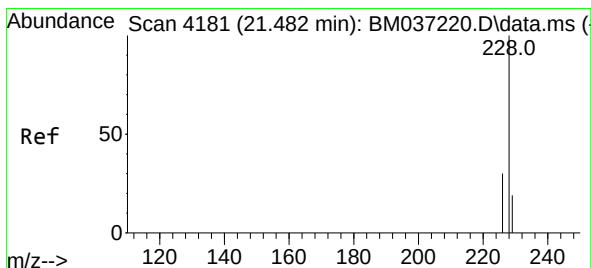
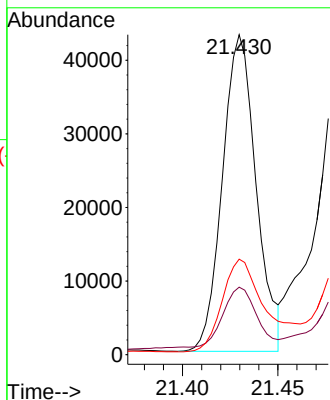
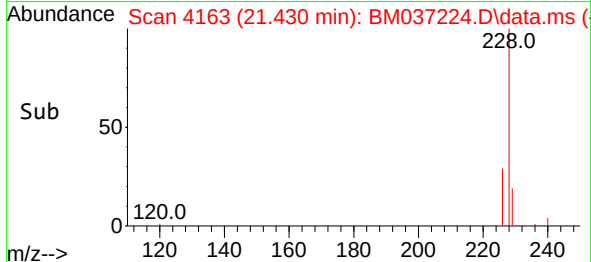
Instrument :
BNA_M
ClientSampleId :
C0BK8



Tgt Ion:228 Resp: 52909
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.8 21.8 32.8

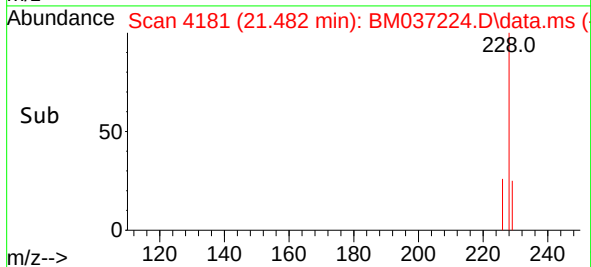
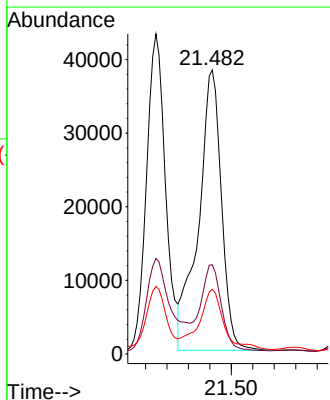
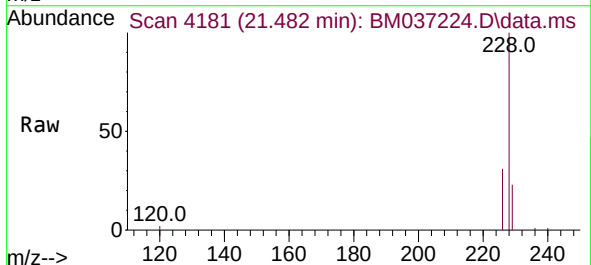
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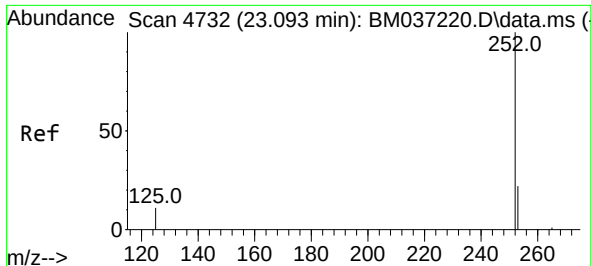
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#22
Chrysene
Concen: 0.745 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

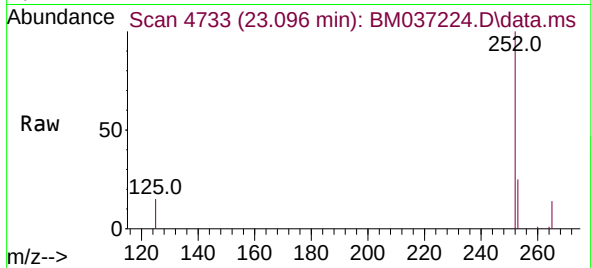
Tgt Ion:228 Resp: 56944
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.947 ng/ul
RT: 23.096 min Scan# 4732
Delta R.T. 0.001 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

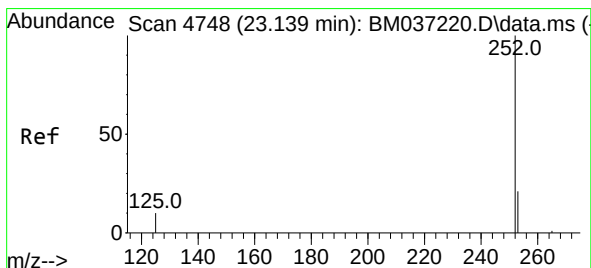
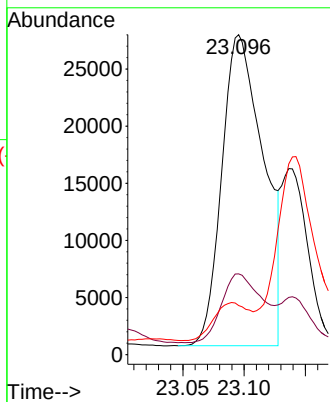
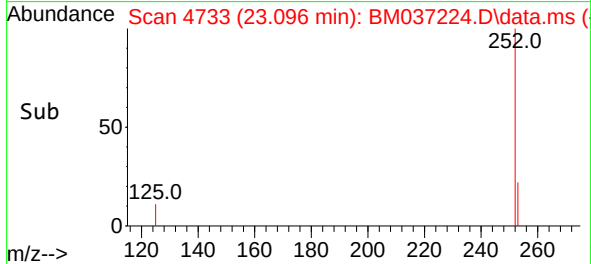
Instrument :
BNA_M
ClientSampleId :
C0BK8



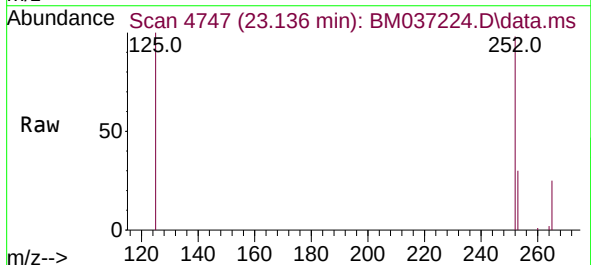
Tgt Ion:252 Resp: 64468
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.6
125 15.3 0.0 32.6

Manual Integrations
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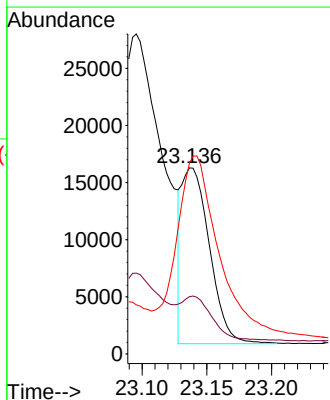
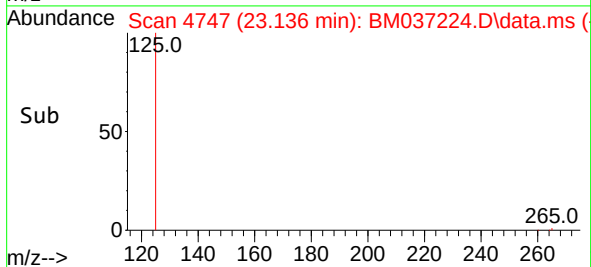
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

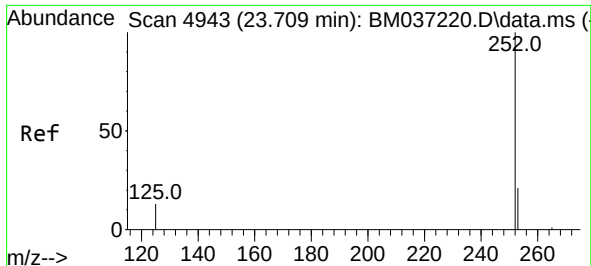


#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.008 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31



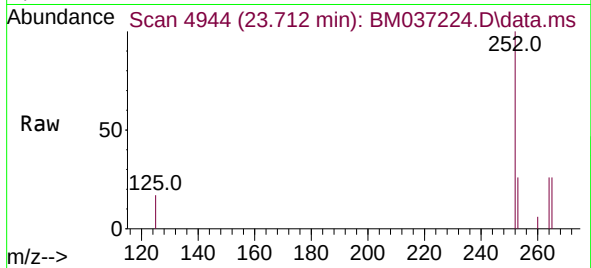
Tgt Ion:252 Resp: 23004
Ion Ratio Lower Upper
252 100
253 30.8 20.6 30.8
125 102.5 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.673 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

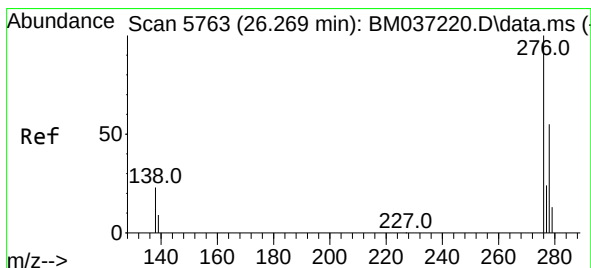
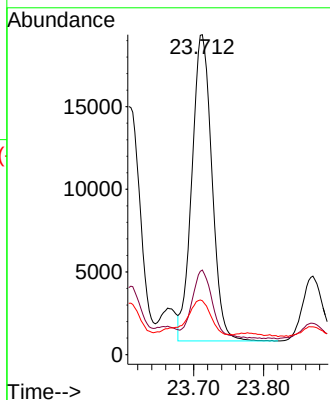
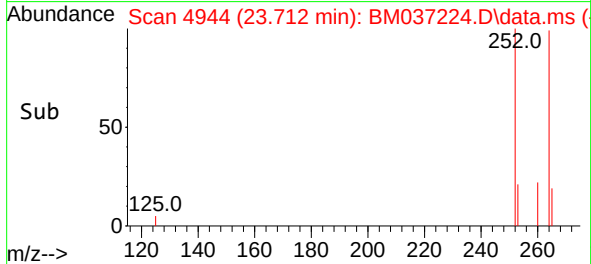
Instrument :
BNA_M
ClientSampleId :
C0BK8



Tgt Ion:252 Resp: 36768
Ion Ratio Lower Upper
252 100
253 26.4 22.1 33.1
125 16.8 17.6 26.4

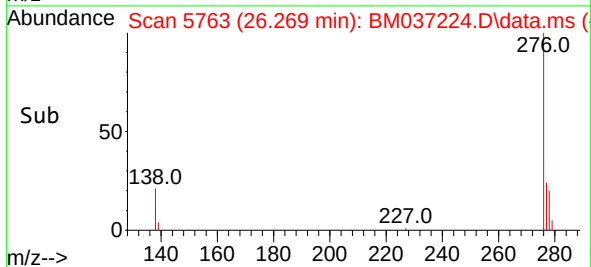
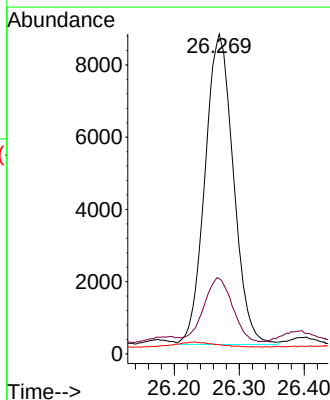
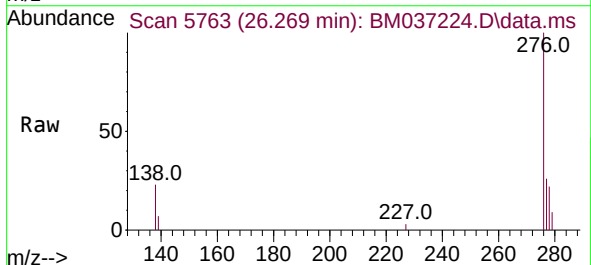
Manual Integrations
APPROVED

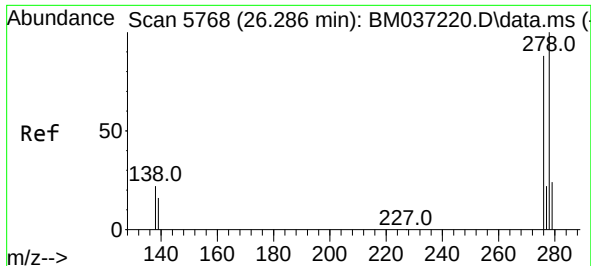
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

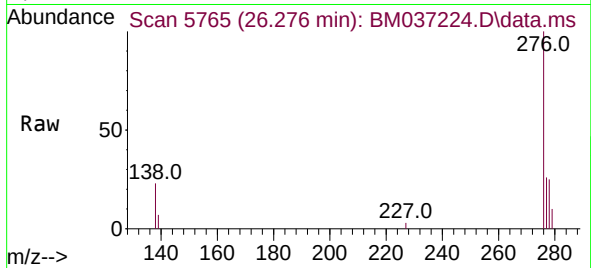
Tgt Ion:276 Resp: 26143
Ion Ratio Lower Upper
276 100
138 20.6 21.4 32.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. -0.016 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31

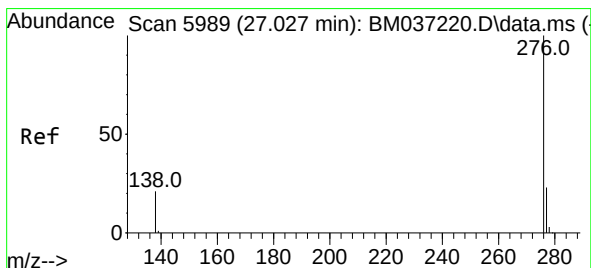
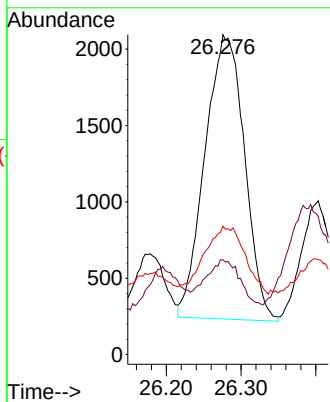
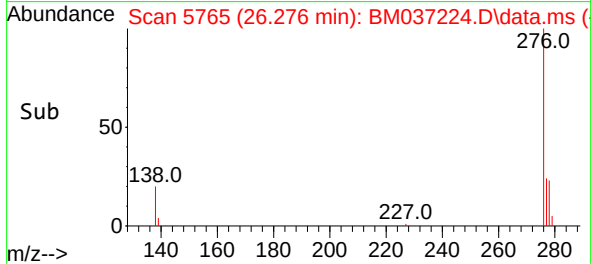
Instrument :
BNA_M
ClientSampleId :
C0BK8



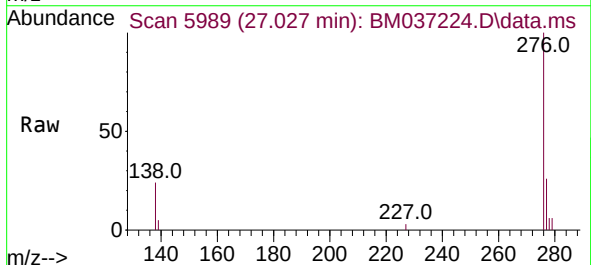
Tgt Ion:278 Resp: 6846
Ion Ratio Lower Upper
278 100
139 29.6 16.3 24.5
279 40.1 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.027 min Scan# 5989
Delta R.T. 0.001 min
Lab File: BM037224.D
Acq: 25 Oct 2022 12:31



Tgt Ion:276 Resp: 22811
Ion Ratio Lower Upper
276 100
138 24.4 19.8 29.8
277 26.3 20.1 30.1

