

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037183.D
 Acq On : 22 Oct 2022 01:23
 Operator : CG/JU
 Sample : N5064-09DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 03:37:16 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	6425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	19655	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	11581	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	25173	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	20318	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	18270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	6965	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	1838	0.066	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	4965	0.081	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	25907	0.445	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	16919	0.485	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	14902	0.419	ng/ul	100
10) Acenaphthylene	14.252	152	102098	2.052	ng/ul	99
11) Acenaphthene	14.594	153	13567	0.302	ng/ul	97
12) Fluorene	15.575	166	35243	0.670	ng/ul	99
15) Phenanthrene	17.310	178	1316464	15.492	ng/ul	99
16) Anthracene	17.403	178	219398	3.260	ng/ul	99
19) Fluoranthene	19.327	202	3614370	40.949	ng/ul	98
20) Pyrene	19.690	202	3058246	34.178	ng/ul	100
21) Benzo(a)anthracene	21.432	228	1452984	18.427	ng/ul	98
22) Chrysene	21.484	228	1436973	15.839	ng/ul	97
24) Benzo(b)fluoranthene	23.098	252	1505739	15.559	ng/ul	92
25) Benzo(k)fluoranthene	23.139	252	598112m	6.395	ng/ul	
26) Benzo(a)pyrene	23.715	252	1066701	13.727	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.272	276	650009	5.989	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.282	278	156177	1.823	ng/ul	99
29) Benzo(g,h,i)perylene	27.030	276	554578	5.809	ng/ul	97

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

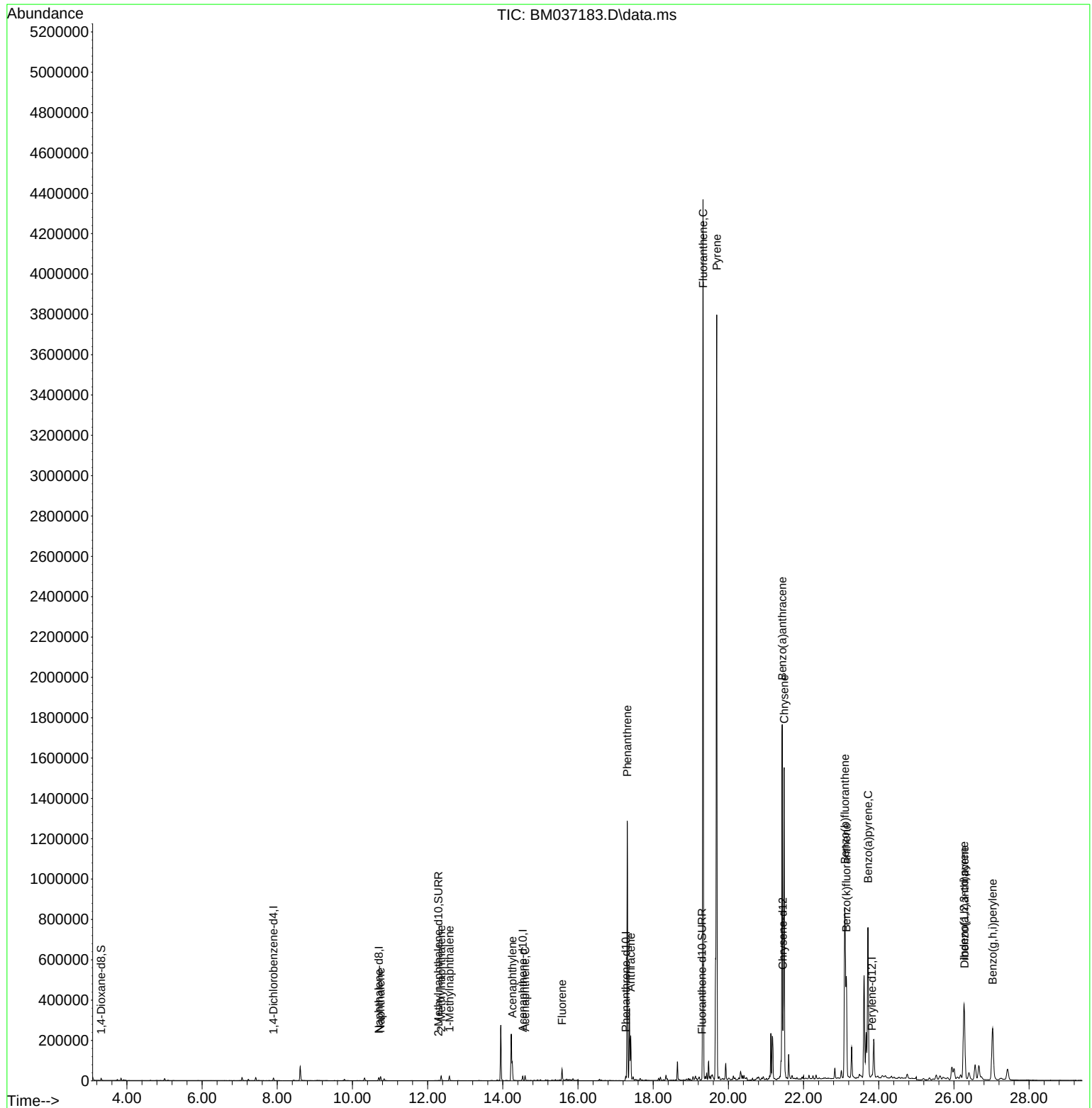
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037183.D
Acq On : 22 Oct 2022 01:23
Operator : CG/JU
Sample : N5064-09DL 5X
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ALS Vial : 55 Sample Multiplier: 1

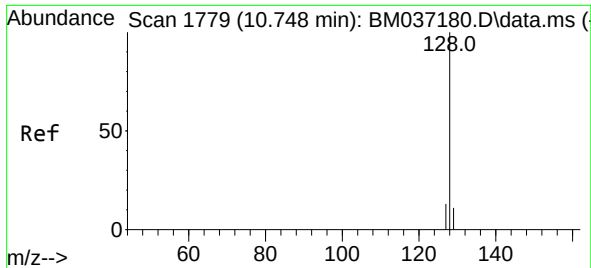
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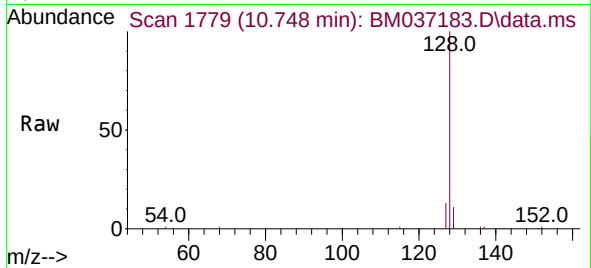
Quant Time: Oct 22 03:37:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.445 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

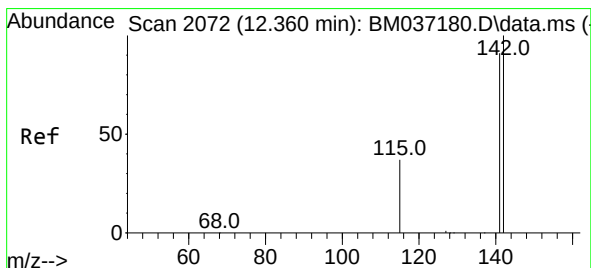
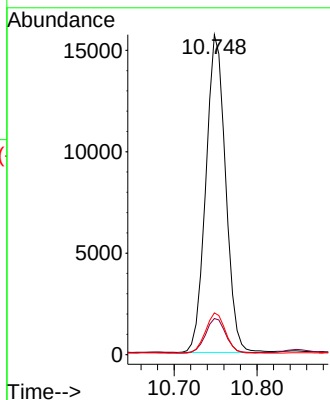
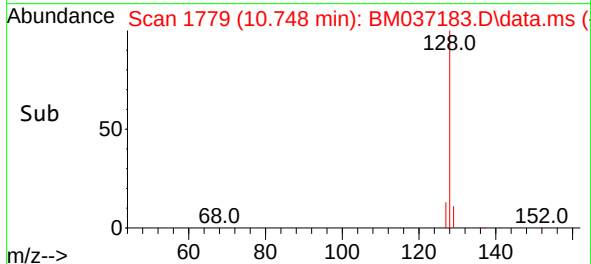
Instrument :
BNA_M
ClientSampleId :
C0BP5DL



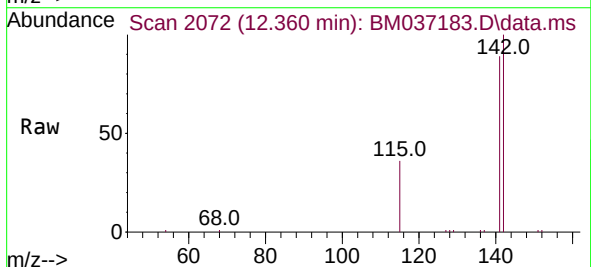
Tgt Ion:128 Resp: 25907
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.0 10.5 15.7

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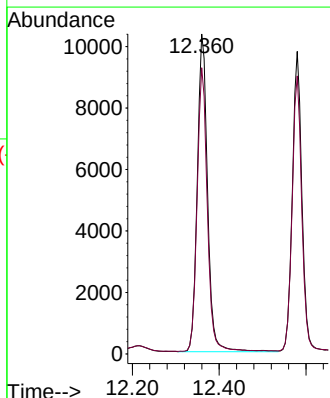
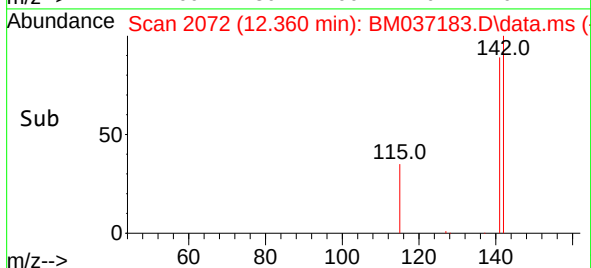
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

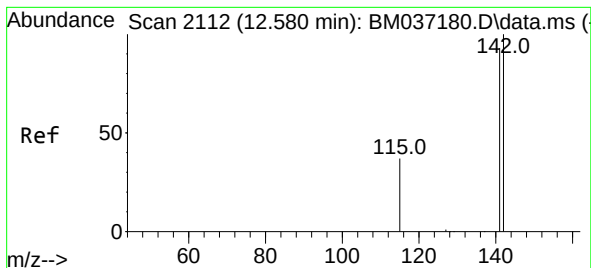


#7
2-Methylnaphthalene
Concen: 0.485 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23



Tgt Ion:142 Resp: 16919
Ion Ratio Lower Upper
142 100
141 88.6 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.419 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BM037183.D

Acq: 22 Oct 2022 01:23

Instrument :

BNA_M

ClientSampleId :

C0BP5DL

Tgt Ion:142 Resp: 14902

Ion Ratio Lower Upper

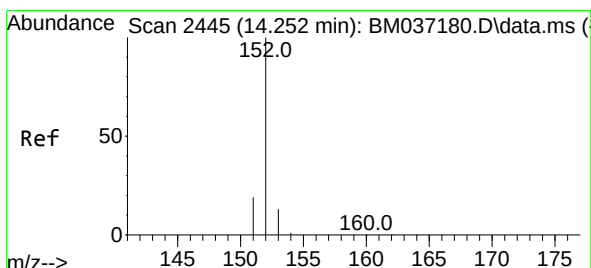
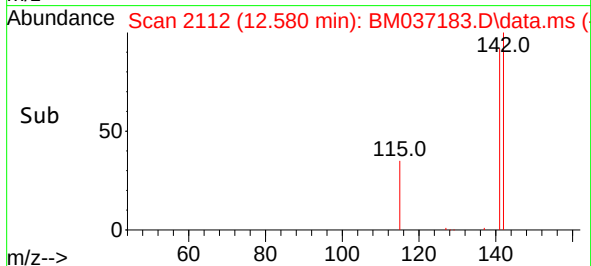
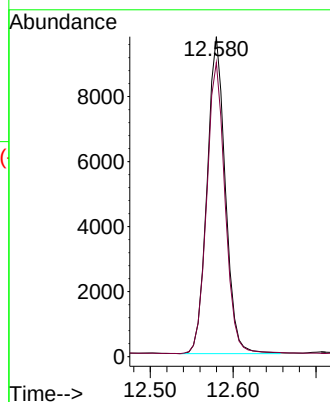
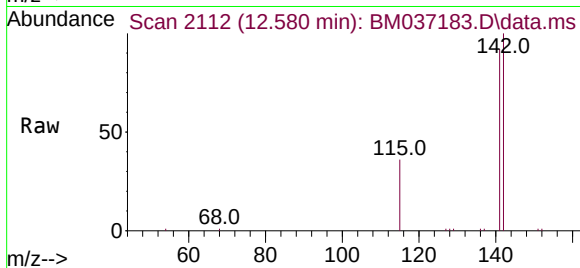
142 100

141 92.6 74.2 111.4

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#10

Acenaphthylene

Concen: 2.052 ng/ul

RT: 14.252 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BM037183.D

Acq: 22 Oct 2022 01:23

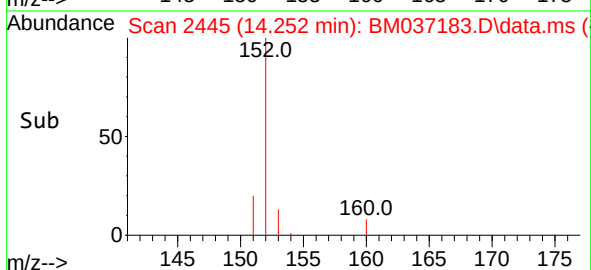
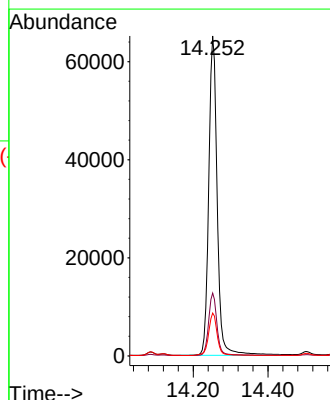
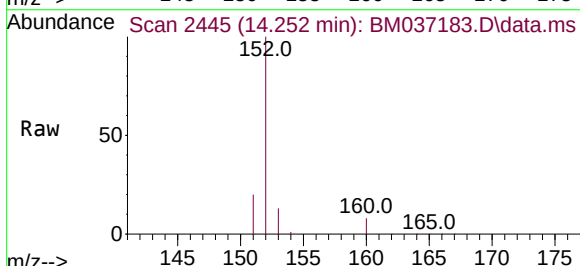
Tgt Ion:152 Resp: 102098

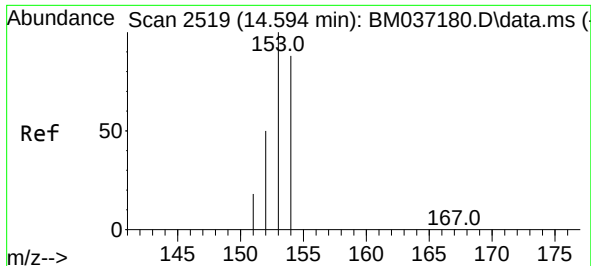
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

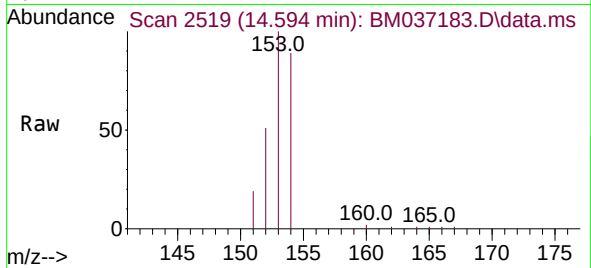
153 13.4 10.8 16.2





#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

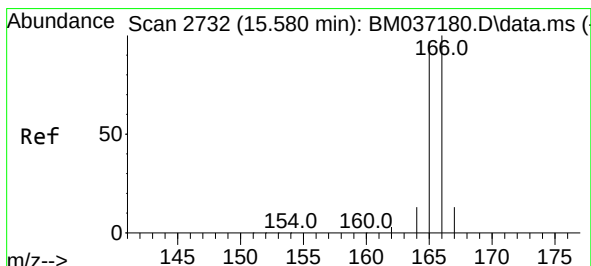
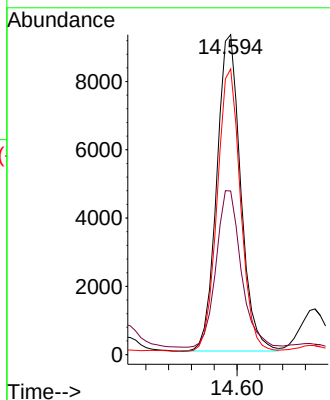
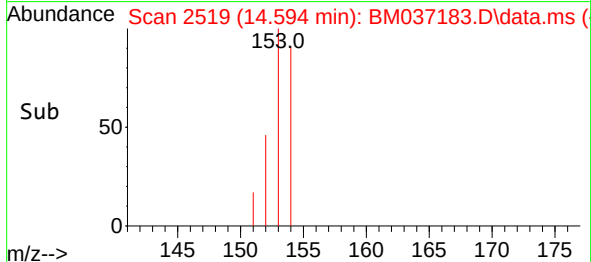
Instrument :
BNA_M
ClientSampleId :
C0BP5DL



Tgt Ion:153 Resp: 13562
Ion Ratio Lower Upper
153 100
152 51.1 43.3 64.9
154 89.3 70.0 105.0

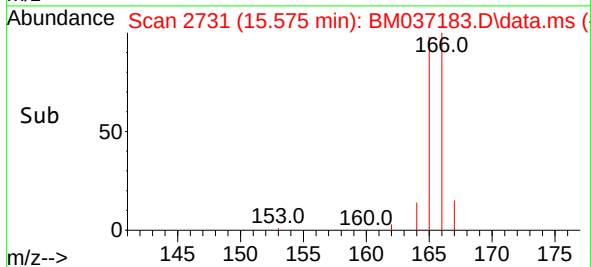
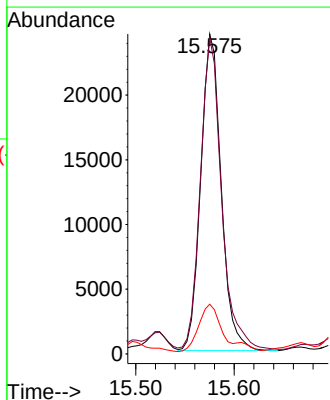
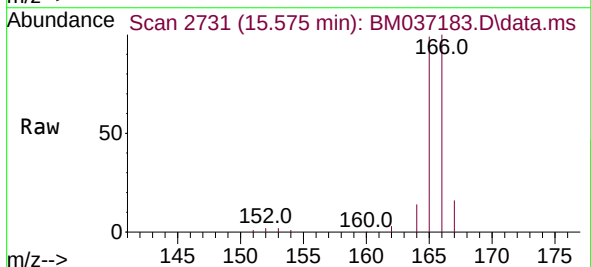
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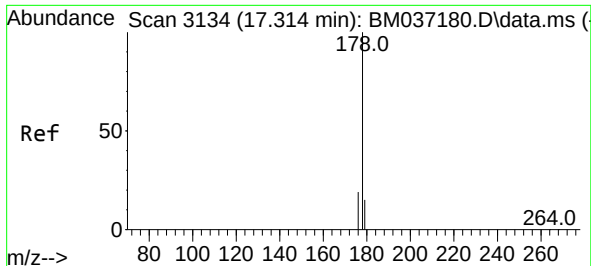
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.670 ng/ul
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

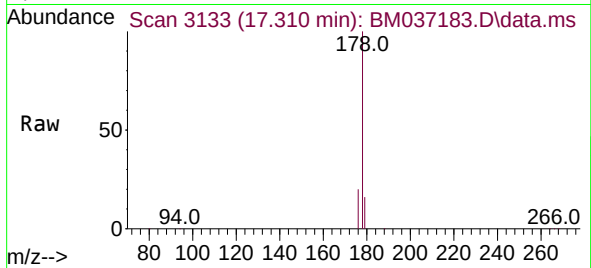
Tgt Ion:166 Resp: 35243
Ion Ratio Lower Upper
166 100
165 98.8 79.4 119.2
167 15.5 11.3 16.9





#15
Phenanthrene
Concen: 15.492 ng/ul
RT: 17.310 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

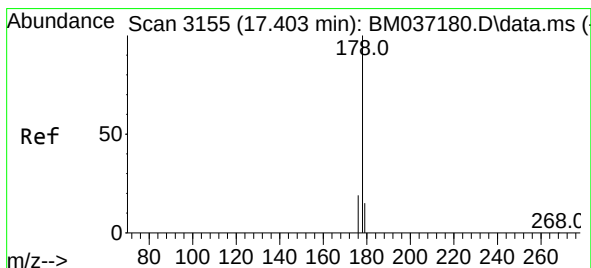
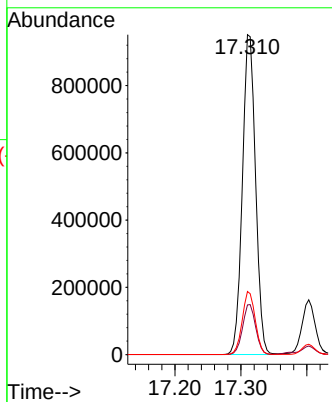
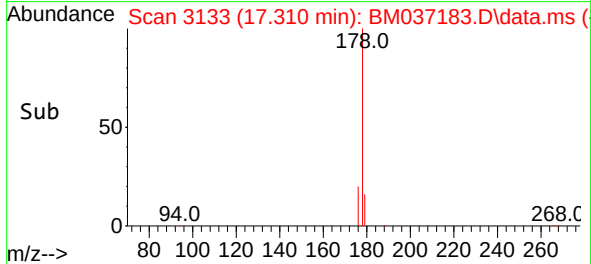
Instrument :
BNA_M
ClientSampleId :
C0BP5DL



Tgt Ion:178 Resp: 1316464
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.7 16.1 24.1

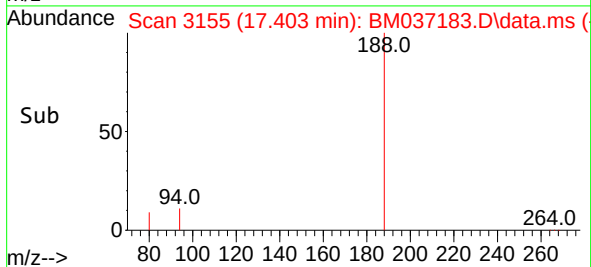
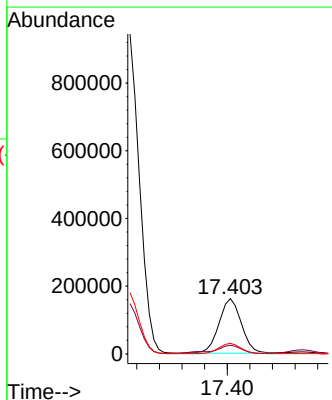
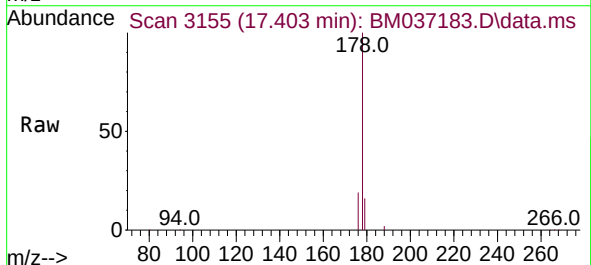
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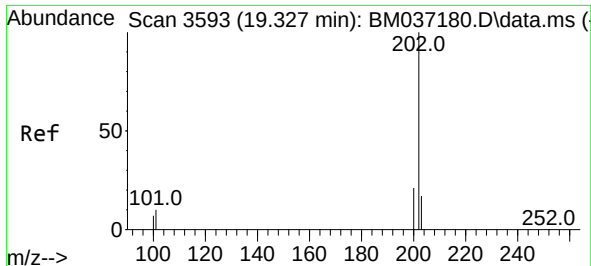
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#16
Anthracene
Concen: 3.260 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

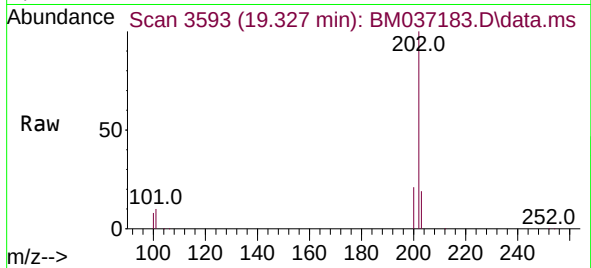
Tgt Ion:178 Resp: 219398
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 40.949 ng/ul
RT: 19.327 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

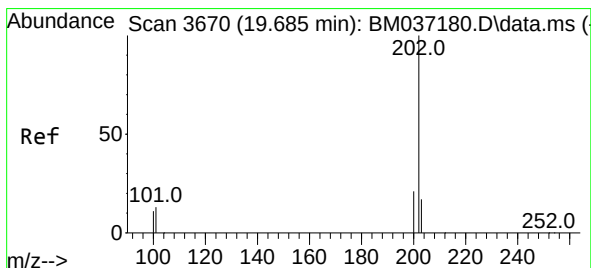
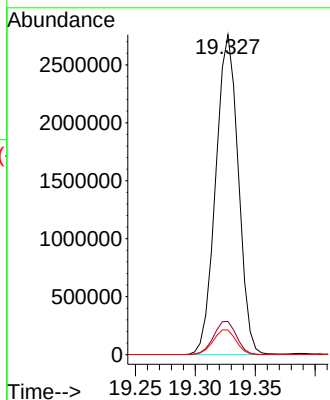
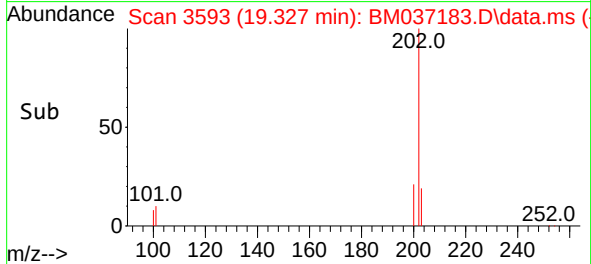
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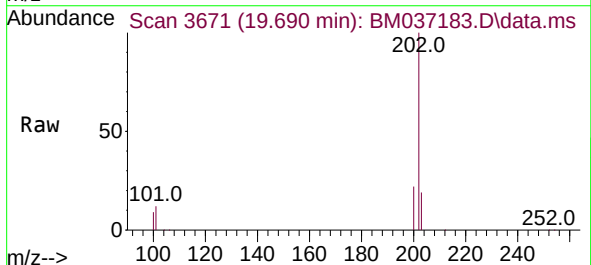
Tgt Ion:202 Resp: 3614376
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 7.7 6.9 10.3

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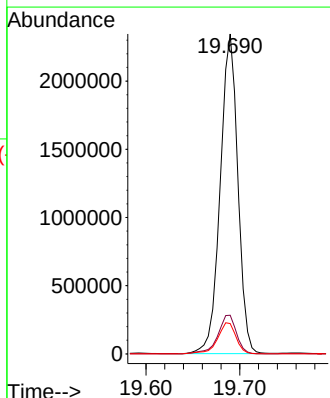
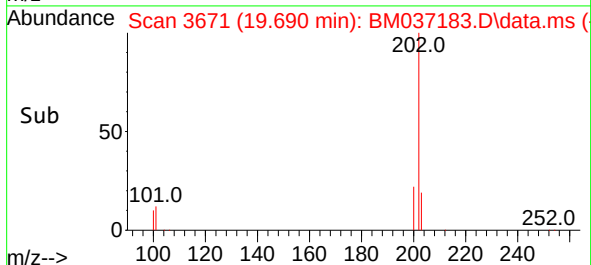
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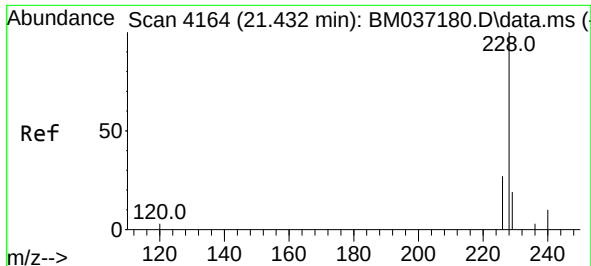


#20
Pyrene
Concen: 34.178 ng/ul
RT: 19.690 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23



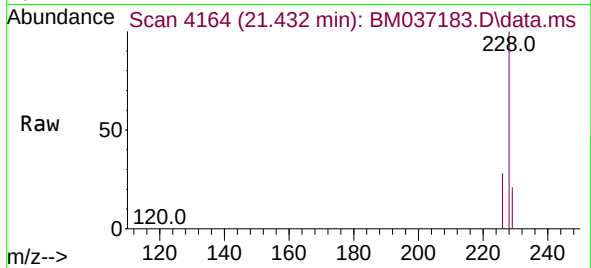
Tgt Ion:202 Resp: 3058246
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.5 7.8 11.8





#21
Benzo(a)anthracene
Concen: 18.427 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

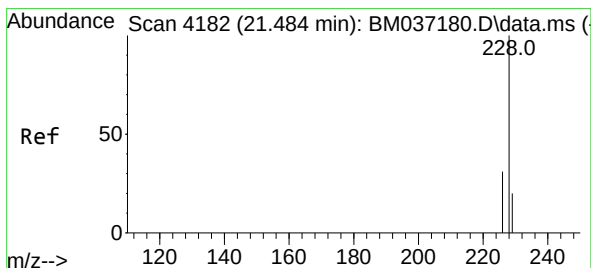
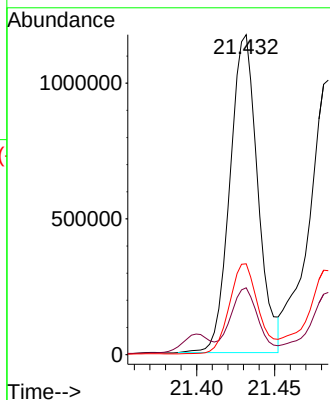
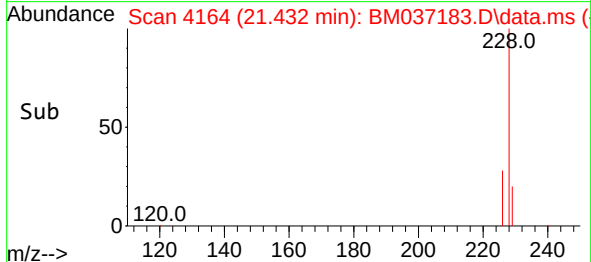
Instrument :
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Tgt Ion:228 Resp: 1452984
Ion Ratio Lower Upper
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229 20.9 15.8 23.6
226 28.4 21.8 32.8

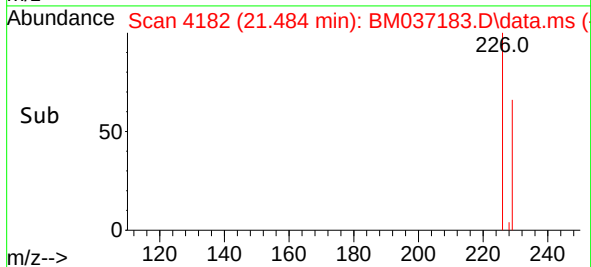
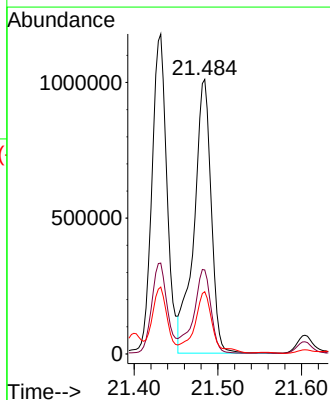
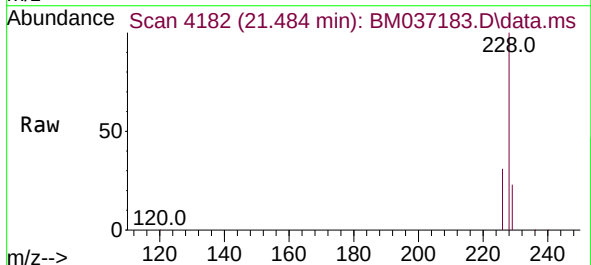
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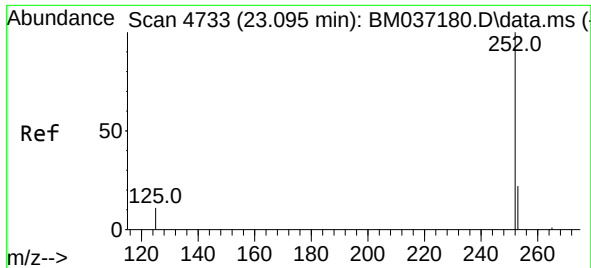
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 15.839 ng/ul
RT: 21.484 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

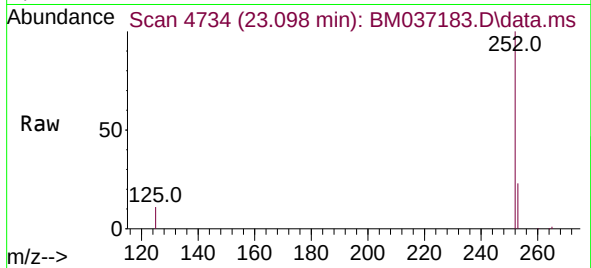
Tgt Ion:228 Resp: 1436973
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 22.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 15.559 ng/ul
RT: 23.098 min Scan# 4734
Delta R.T. 0.003 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

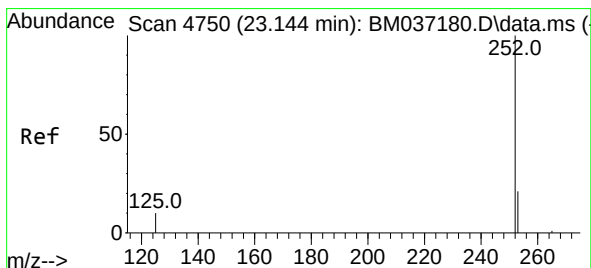
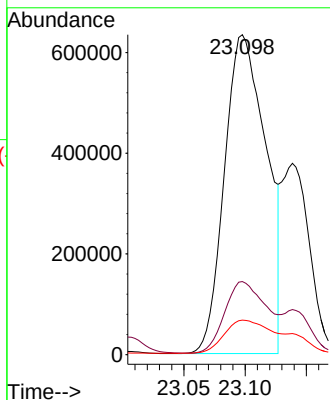
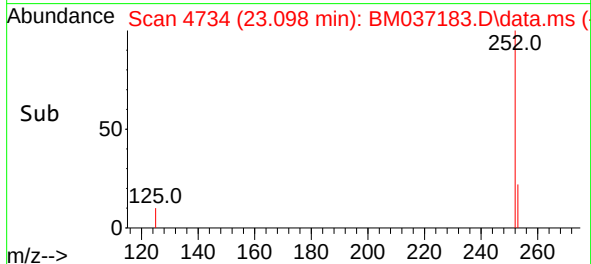
Instrument :
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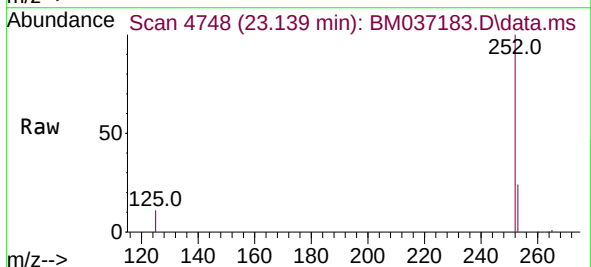
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Ion Ratio Lower Upper
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253 22.8 0.0 50.6
125 10.8 0.0 32.6

Manual Integrations
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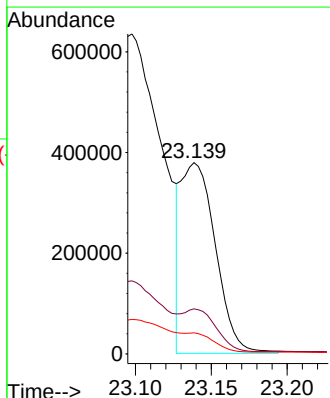
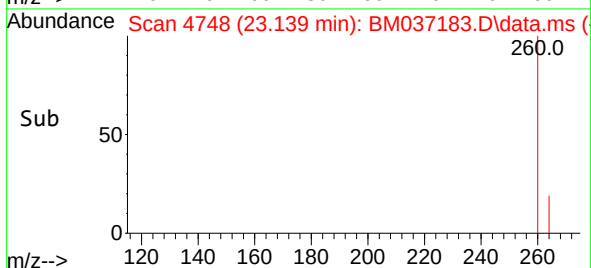
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

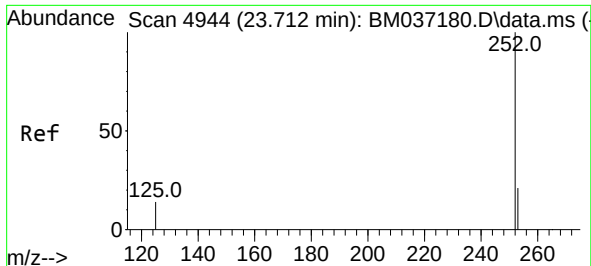


#25
Benzo(k)fluoranthene
Concen: 6.395 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23



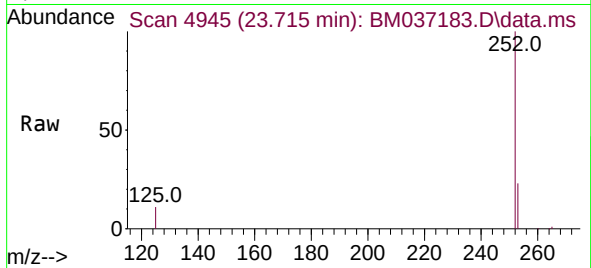
Tgt Ion:252 Resp: 598112
Ion Ratio Lower Upper
252 100
253 23.6 20.6 30.8
125 11.0 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 13.727 ng/ul
RT: 23.715 min Scan# 4944
Delta R.T. 0.003 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

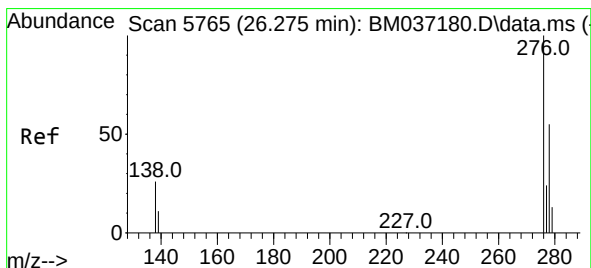
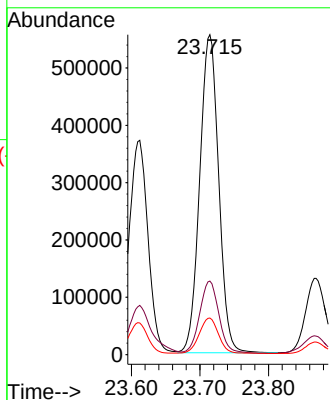
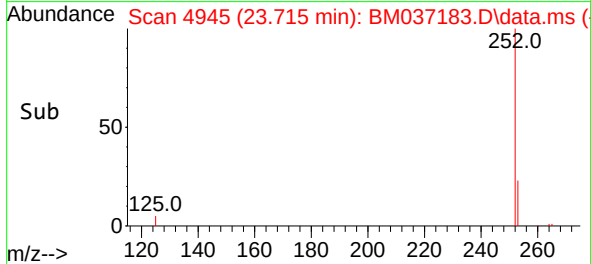
Instrument :
BNA_M
ClientSampleId :
C0BP5DL



Tgt Ion:252 Resp: 106670
Ion Ratio Lower Upper
252 100
253 23.0 22.1 33.1
125 11.4 17.6 26.4

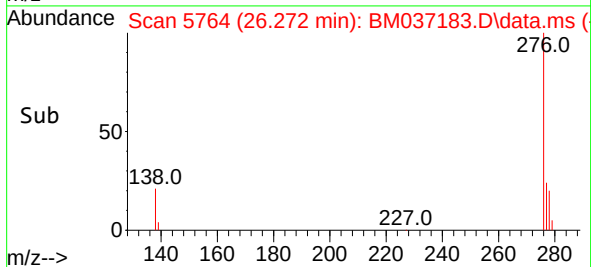
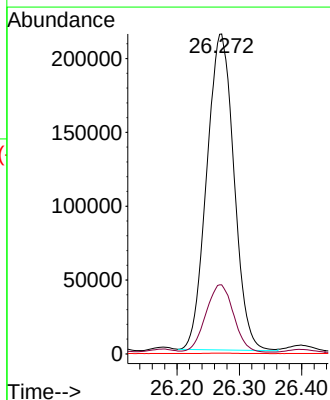
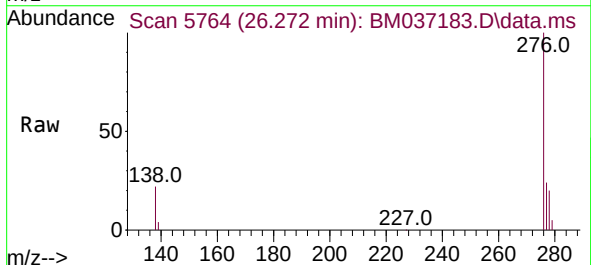
Manual Integrations
APPROVED

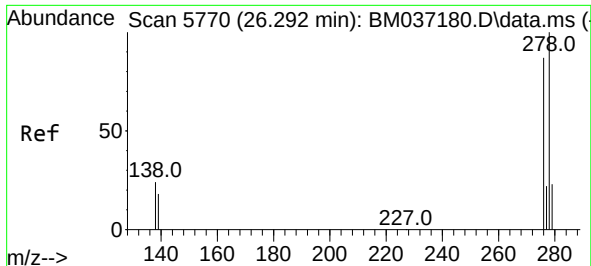
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.989 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

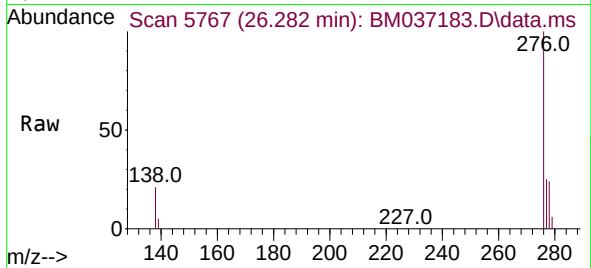
Tgt Ion:276 Resp: 650009
Ion Ratio Lower Upper
276 100
138 21.8 21.4 32.0
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.823 ng/ul
RT: 26.282 min Scan# 5767
Delta R.T. -0.010 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

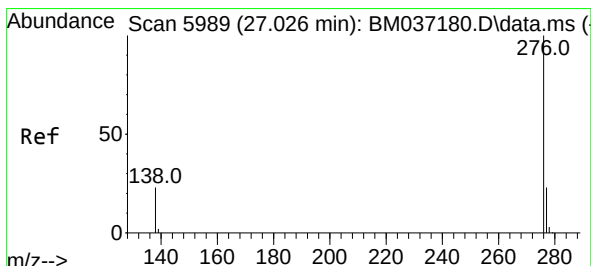
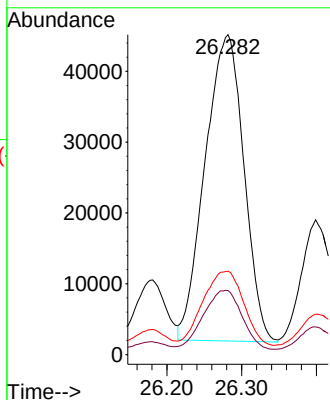
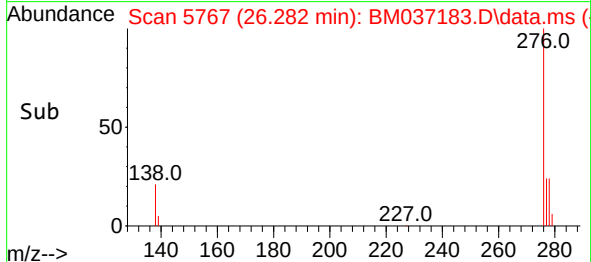
Instrument :
BNA_M
ClientSampleId :
C0BP5DL



Tgt Ion:278 Resp: 15617
Ion Ratio Lower Upper
278 100
139 20.0 16.3 24.5
279 26.1 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 5.809 ng/ul
RT: 27.030 min Scan# 5990
Delta R.T. 0.003 min
Lab File: BM037183.D
Acq: 22 Oct 2022 01:23

Tgt Ion:276 Resp: 554578
Ion Ratio Lower Upper
276 100
138 22.6 19.8 29.8
277 24.0 20.1 30.1

