

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036958.D
 Acq On : 11 Oct 2022 23:04
 Operator : CG/JU
 Sample : N5024-10
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 12 01:28:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	26266	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	14775	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	30035	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	20866	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	16058	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	33175	3.185	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	8483	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	18621	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	61861	0.824	ng/ul	96
7) 2-Methylnaphthalene	12.409	142	62510	1.361	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	52007	1.115	ng/ul	99
10) Acenaphthylene	14.298	152	11027	0.180	ng/ul#	84
11) Acenaphthene	14.640	153	12956	0.243	ng/ul	99
12) Fluorene	15.621	166	15195	0.252	ng/ul#	95
15) Phenanthrene	17.356	178	346015	3.609	ng/ul	99
16) Anthracene	17.444	178	44770	0.559	ng/ul	100
19) Fluoranthene	19.363	202	379778	4.576	ng/ul	99
20) Pyrene	19.726	202	312485	3.611	ng/ul	99
21) Benzo(a)anthracene	21.464	228	146857	1.948	ng/ul	98
22) Chrysene	21.517	228	148300	1.832	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	160223	2.233	ng/ul	89
25) Benzo(k)fluoranthene	23.189	252	47568m	0.681	ng/ul	
26) Benzo(a)pyrene	23.771	252	101654	1.747	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.356	276	64702	0.785	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.373	278	16512	0.248	ng/ul#	92
29) Benzo(g,h,i)perylene	27.127	276	57789	0.795	ng/ul	98

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

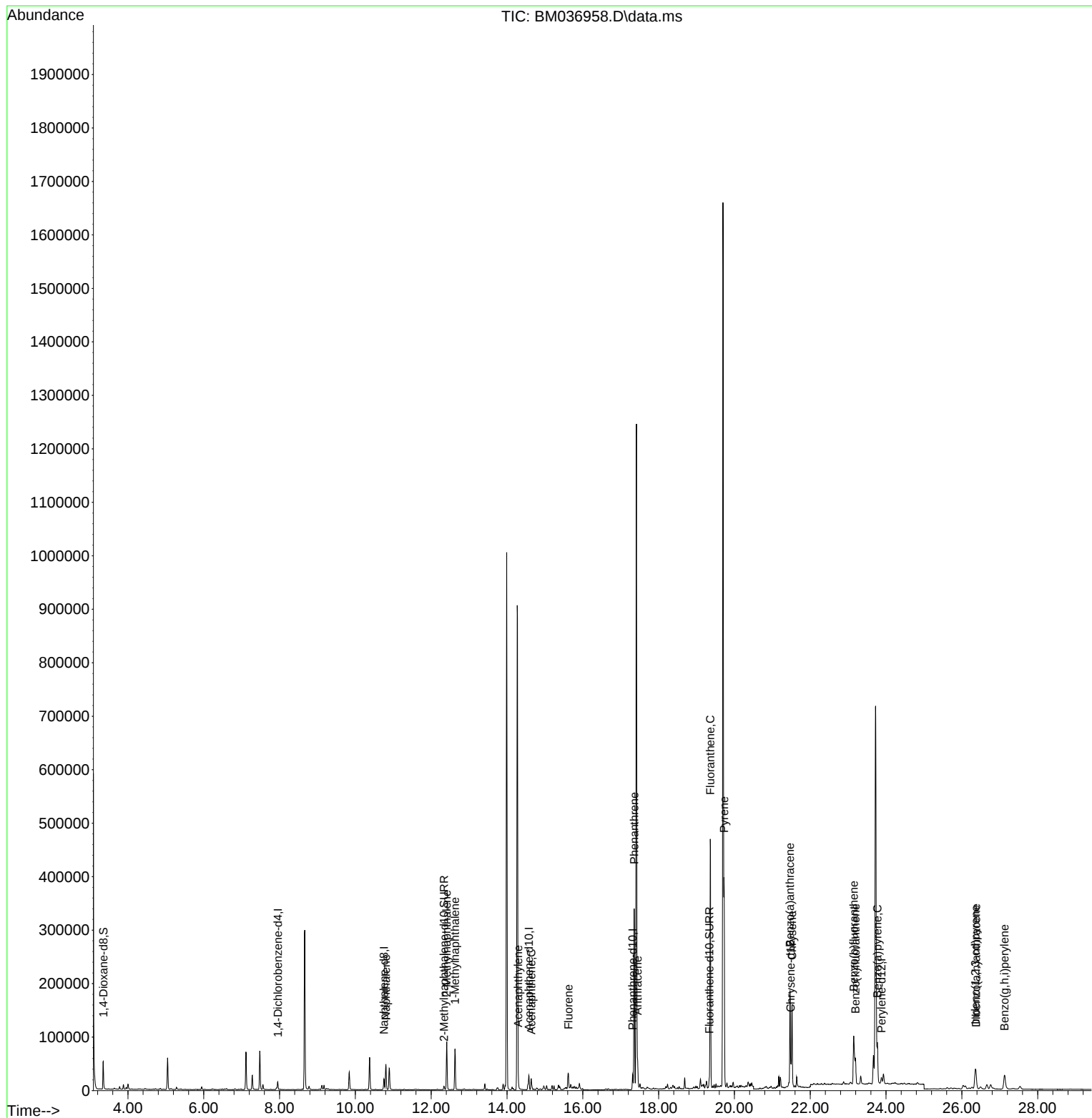
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036958.D
Acq On : 11 Oct 2022 23:04
Operator : CG/JU
Sample : N5024-10
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ALS Vial : 61 Sample Multiplier: 1

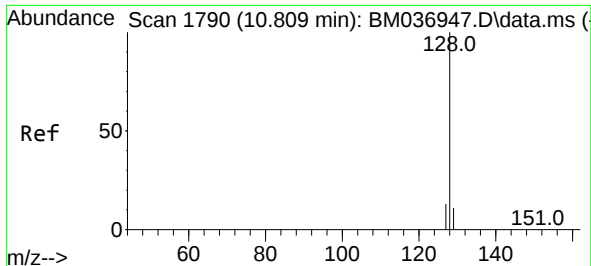
Instrument :
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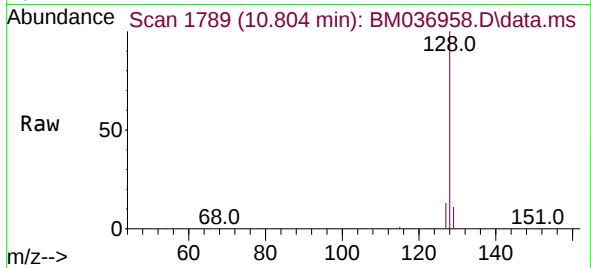
Quant Time: Oct 12 01:28:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.824 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

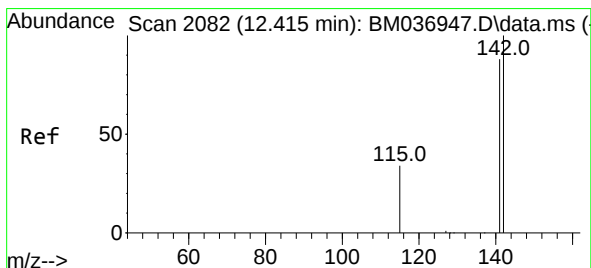
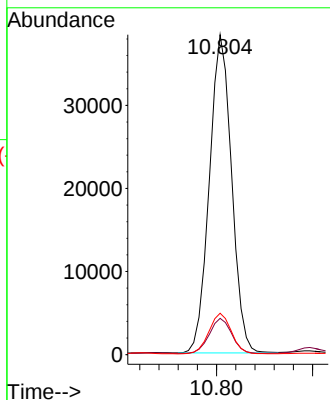
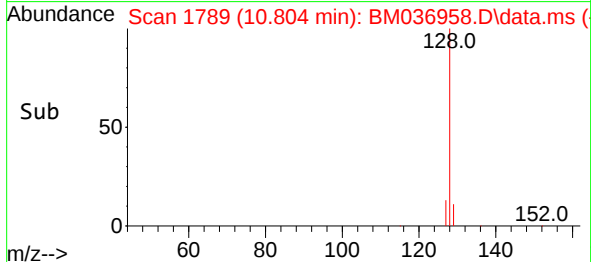
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:128 Resp: 61863
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 12.9 11.7 17.5

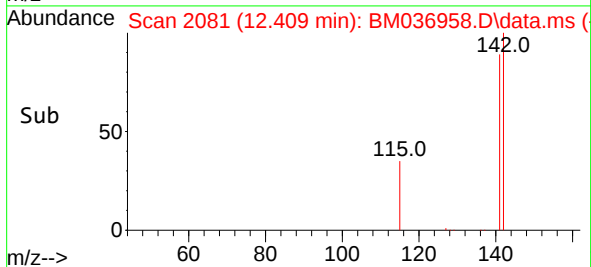
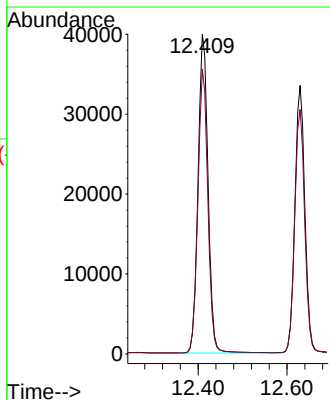
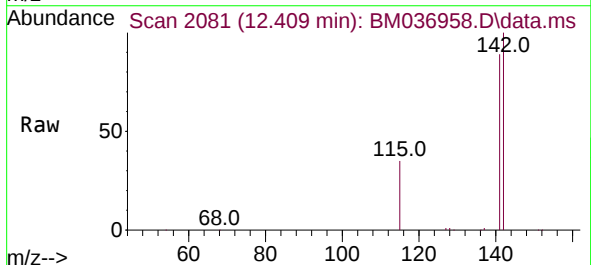
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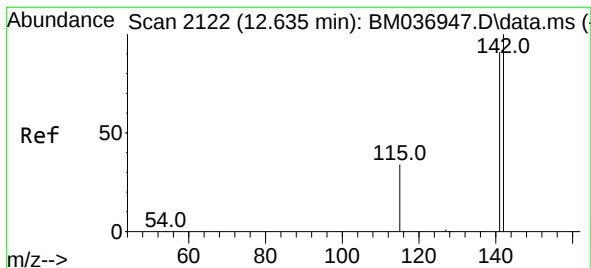
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 1.361 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

Tgt Ion:142 Resp: 62510
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0





#8

1-Methylnaphthalene

Concen: 1.115 ng/ul

RT: 12.629 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BM036958.D

Acq: 11 Oct 2022 23:04

Instrument :

BNA_M

ClientSampleId :

C0BP9

Tgt Ion:142 Resp: 5200

Ion Ratio Lower Upper

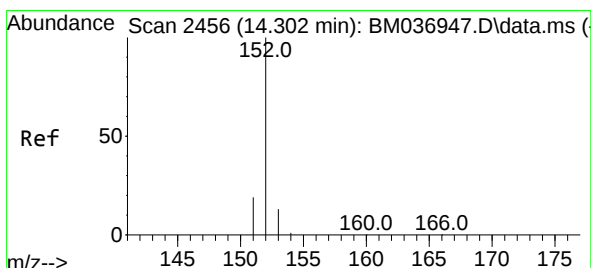
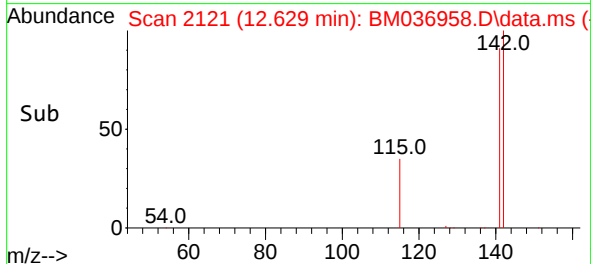
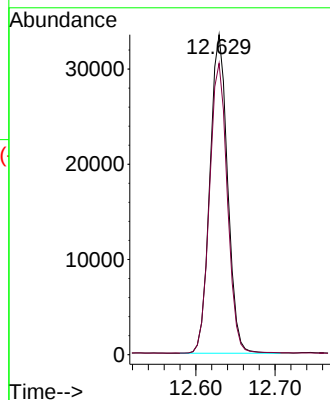
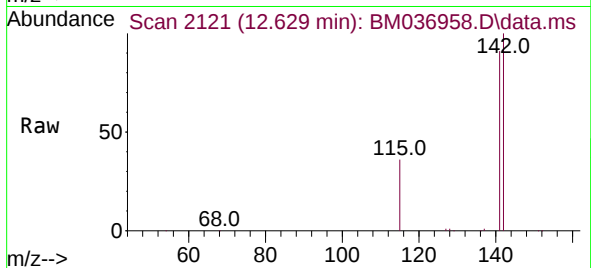
142 100

141 91.4 74.1 111.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.180 ng/ul

RT: 14.298 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BM036958.D

Acq: 11 Oct 2022 23:04

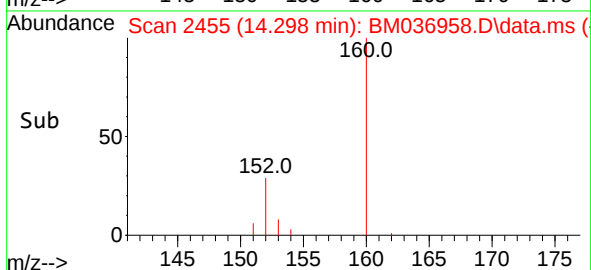
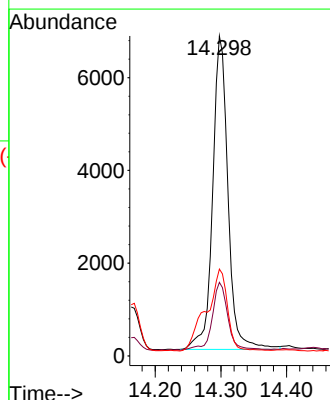
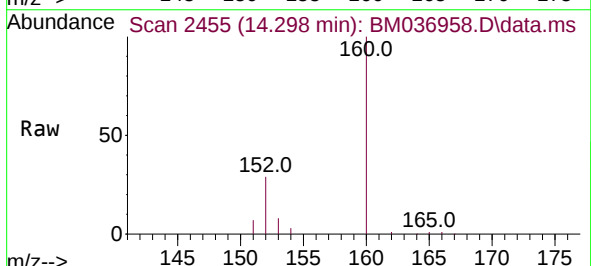
Tgt Ion:152 Resp: 11027

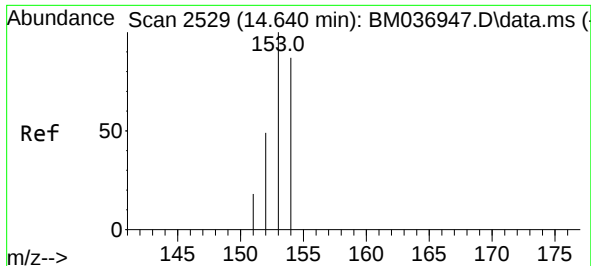
Ion Ratio Lower Upper

152 100

151 23.0 16.6 24.8

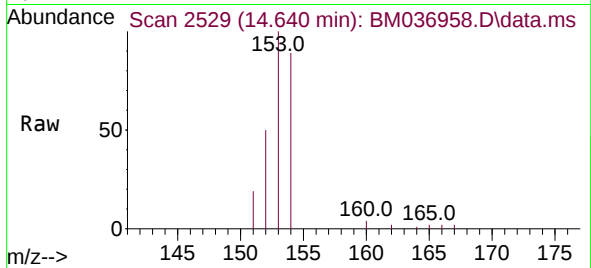
153 27.1 11.4 17.0#





#11
Acenaphthene
Concen: 0.243 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

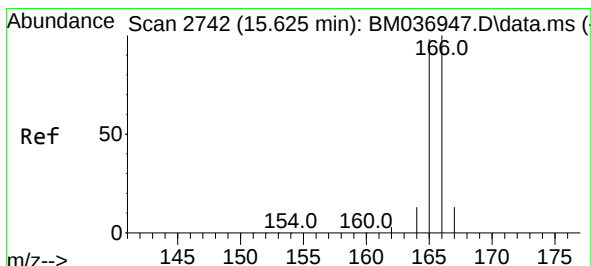
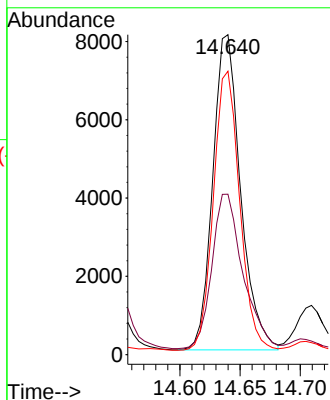
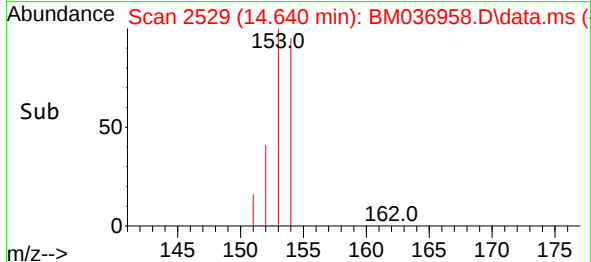
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:153 Resp: 12956
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 88.6 69.7 104.5

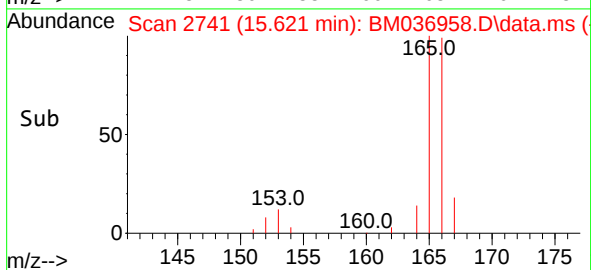
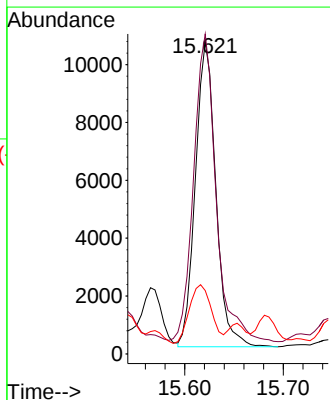
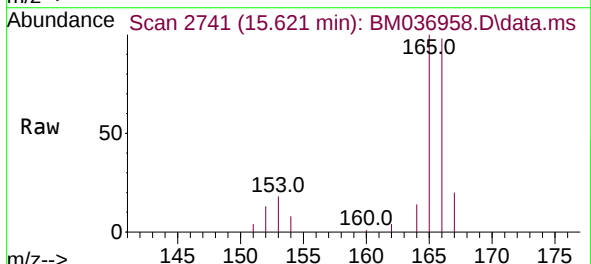
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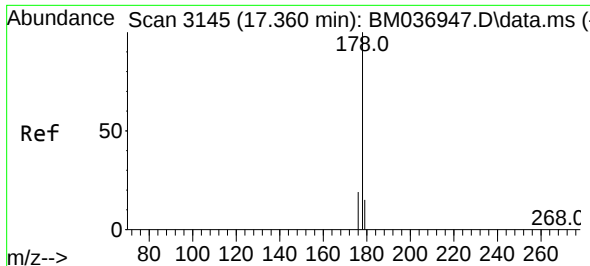
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.252 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

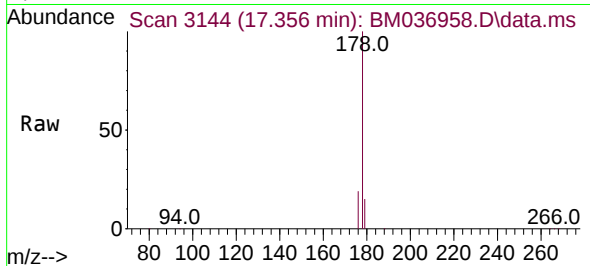
Tgt Ion:166 Resp: 15195
Ion Ratio Lower Upper
166 100
165 102.5 78.9 118.3
167 20.3 11.3 16.9#





#15
Phenanthrene
Concen: 3.609 ng/u1
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

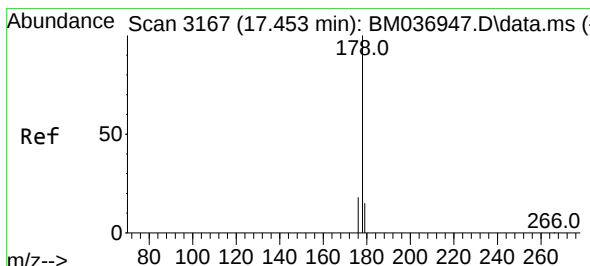
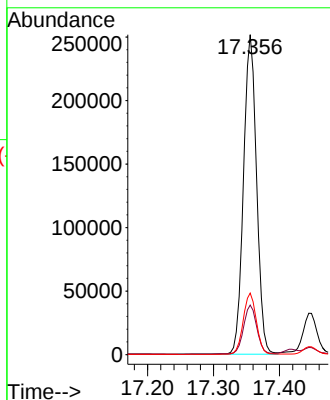
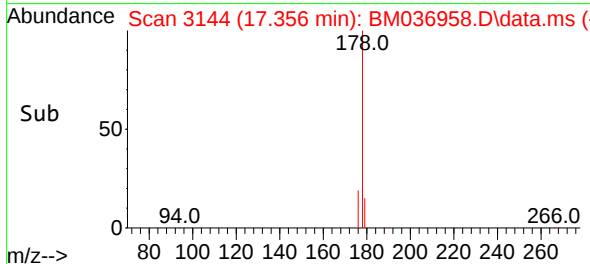
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:178 Resp: 346015
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 15.6 23.4

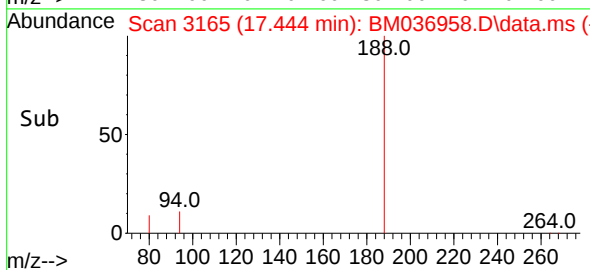
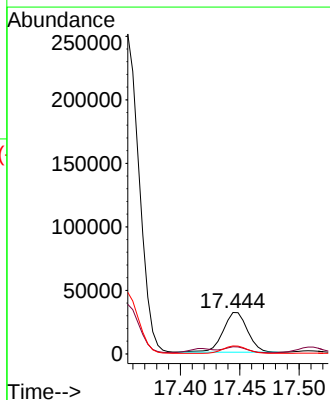
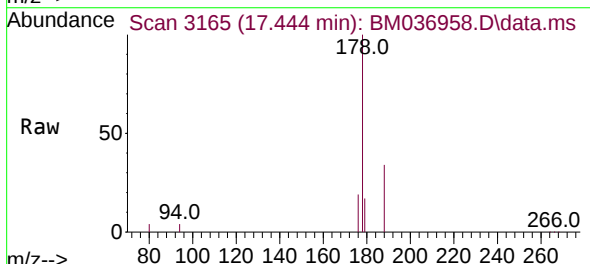
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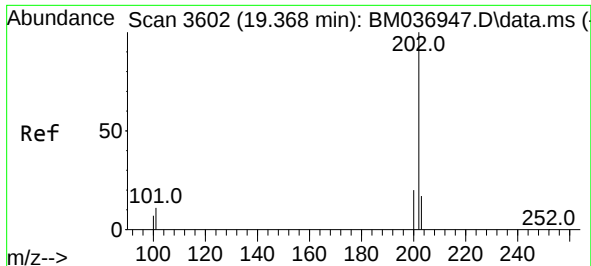
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#16
Anthracene
Concen: 0.559 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

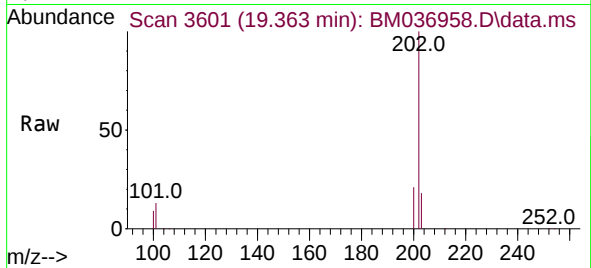
Tgt Ion:178 Resp: 44770
Ion Ratio Lower Upper
178 100
179 17.0 13.6 20.4
176 19.3 15.6 23.4





#19
Fluoranthene
Concen: 4.576 ng/ul
RT: 19.363 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

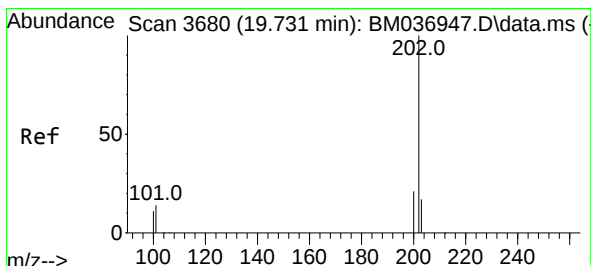
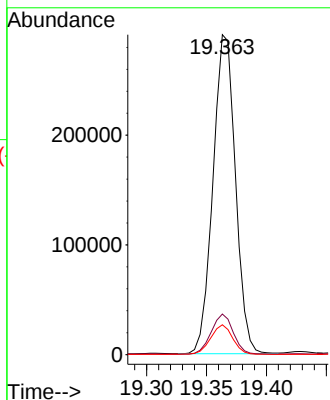
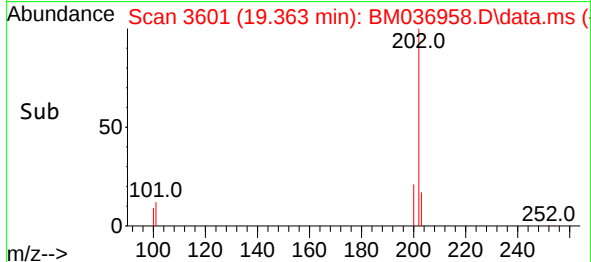
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:202 Resp: 379778
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.9 11.9

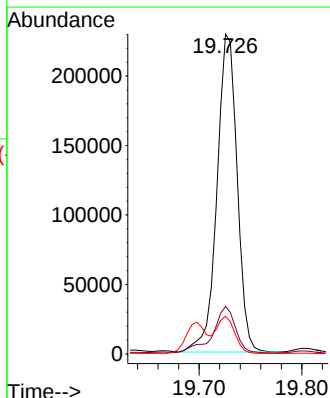
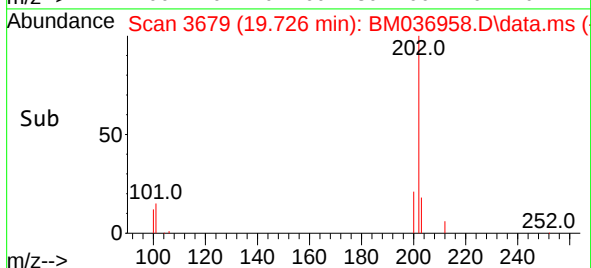
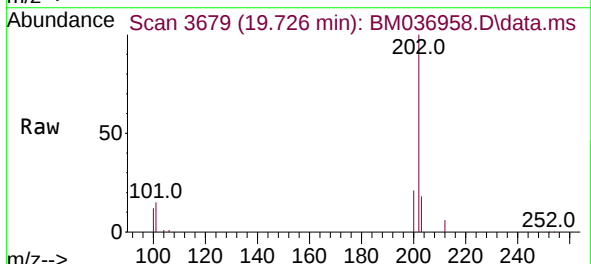
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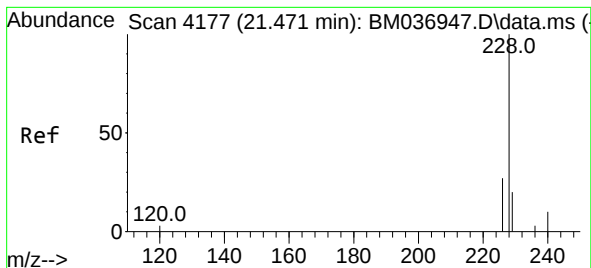
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 3.611 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

Tgt Ion:202 Resp: 312485
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.7 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.948 ng/ul

RT: 21.464 min Scan# 4175

Delta R.T. -0.003 min

Lab File: BM036958.D

Acq: 11 Oct 2022 23:04

Instrument :

BNA_M

ClientSampleId :

C0BP9

Tgt Ion:228 Resp: 14685

Ion Ratio Lower Upper

228 100

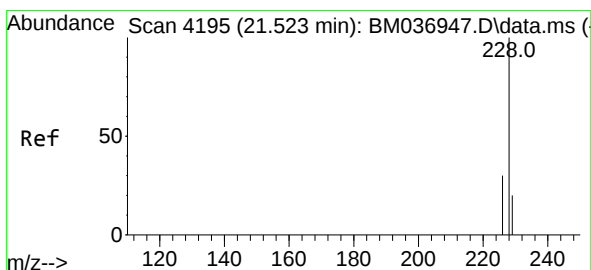
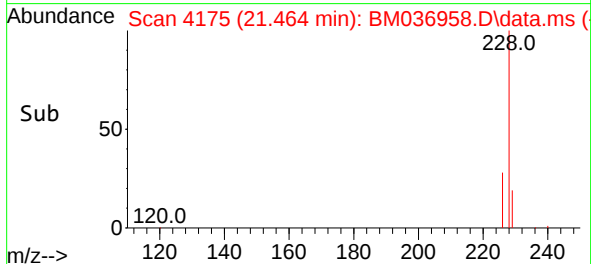
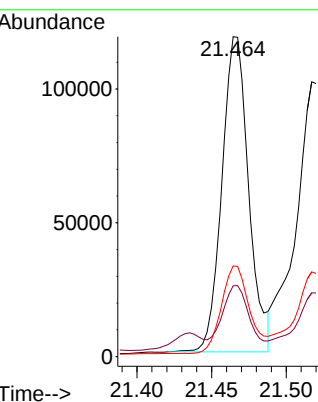
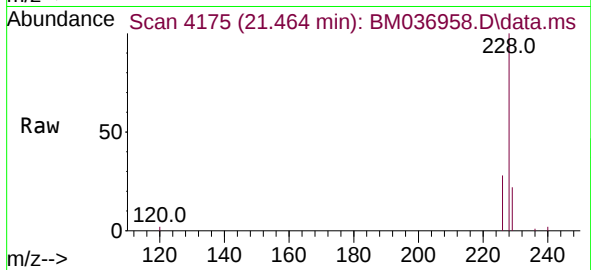
229 22.1 16.2 24.2

226 28.3 22.5 33.7

Manual Integrations

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Supervised By :mohammad ahmed 10/12/2022



#22

Chrysene

Concen: 1.832 ng/ul

RT: 21.517 min Scan# 4193

Delta R.T. -0.003 min

Lab File: BM036958.D

Acq: 11 Oct 2022 23:04

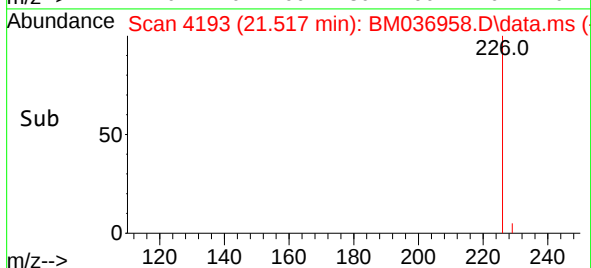
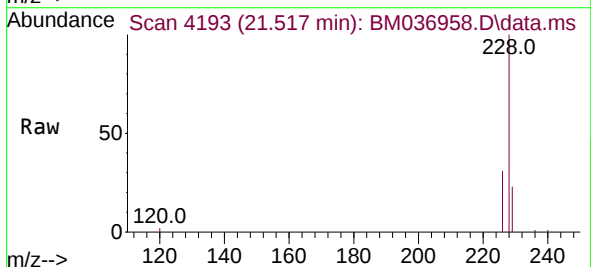
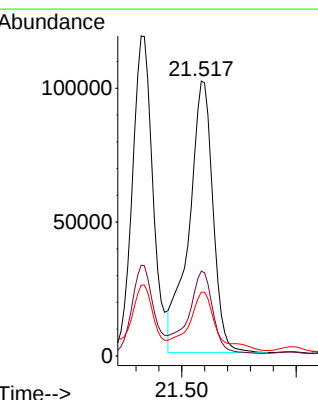
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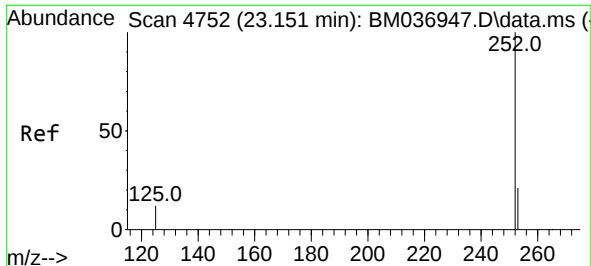
Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

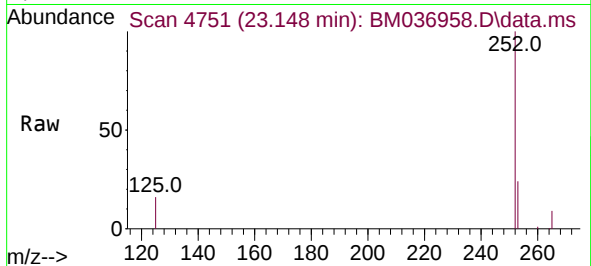
229 23.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.233 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

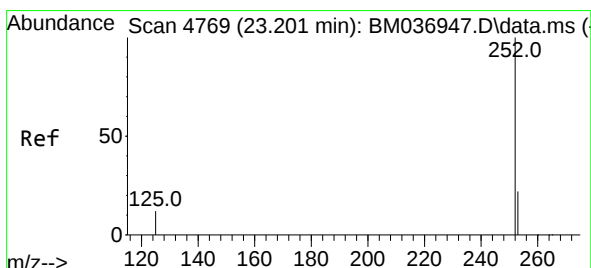
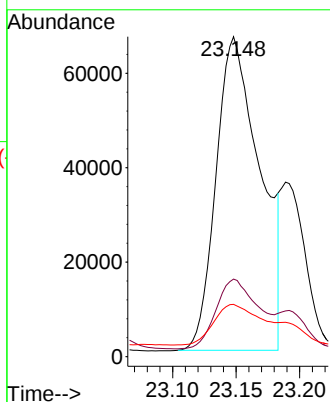
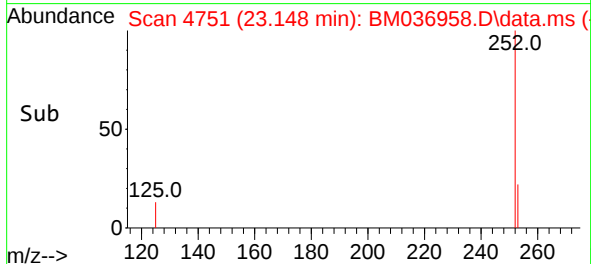
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:252 Resp: 160223
Ion Ratio Lower Upper
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253 24.3 0.0 61.4
125 16.4 0.0 42.6

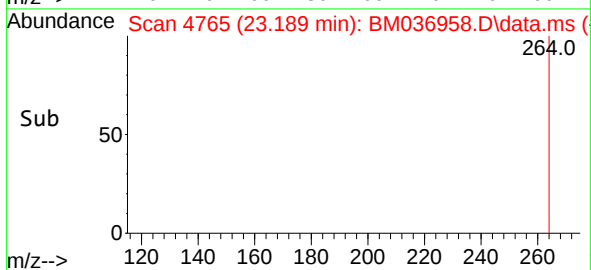
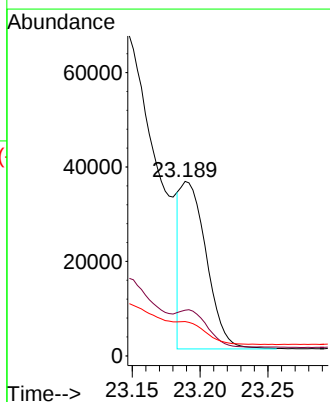
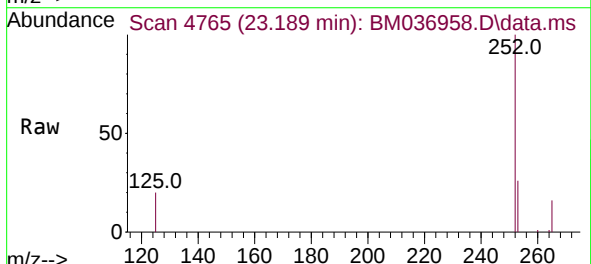
Manual Integrations
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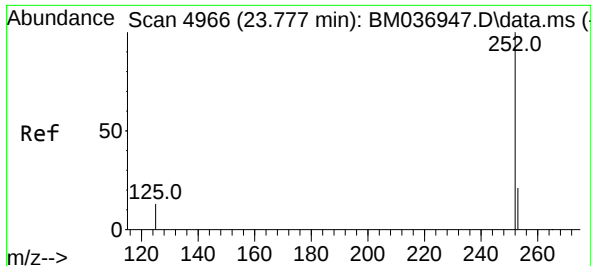
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.681 ng/ul m
RT: 23.189 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

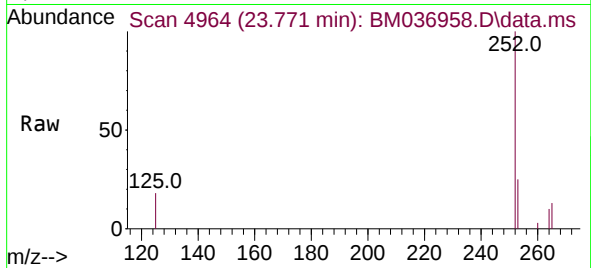
Tgt Ion:252 Resp: 47568
Ion Ratio Lower Upper
252 100
253 26.2 25.2 37.8
125 19.7 18.3 27.5





#26
Benzo(a)pyrene
Concen: 1.747 ng/ul
RT: 23.771 min Scan# 4966
Delta R.T. -0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

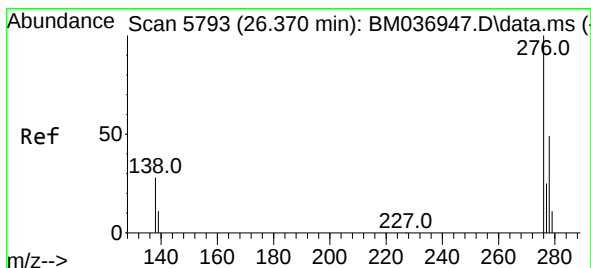
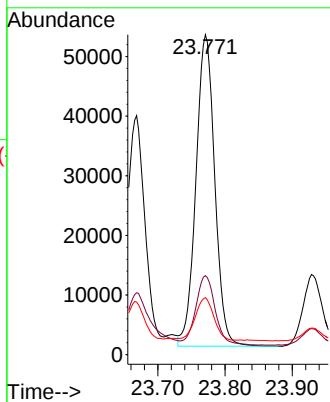
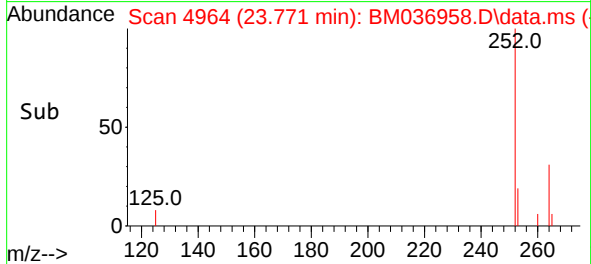
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:252 Resp: 101654
Ion Ratio Lower Upper
252 100
253 24.7 29.7 44.5
125 17.8 23.6 35.4

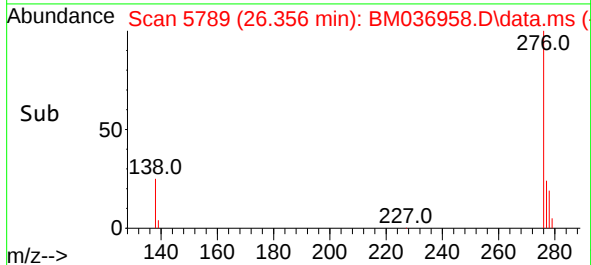
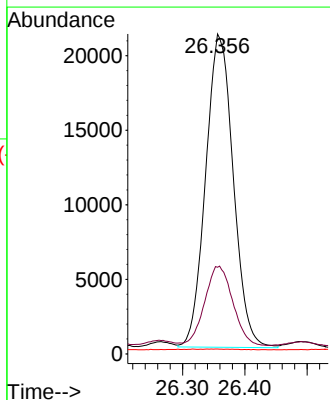
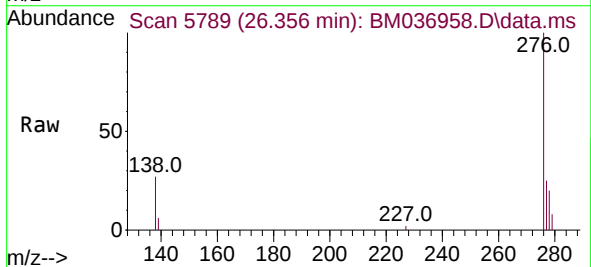
Manual Integrations
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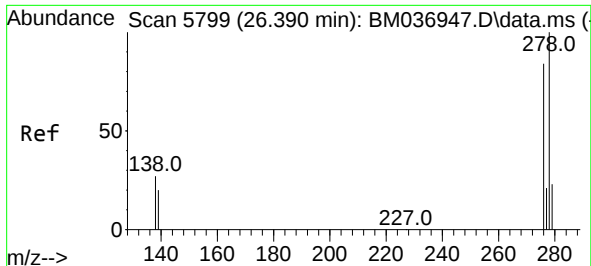
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.785 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.007 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

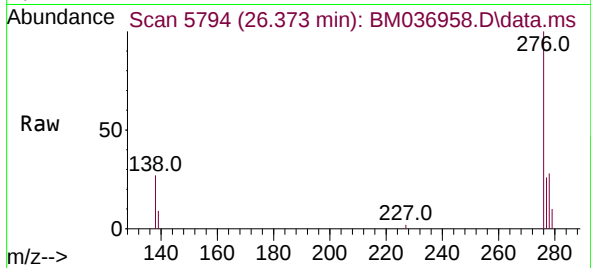
Tgt Ion:276 Resp: 64702
Ion Ratio Lower Upper
276 100
138 25.8 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.248 ng/ul
RT: 26.373 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

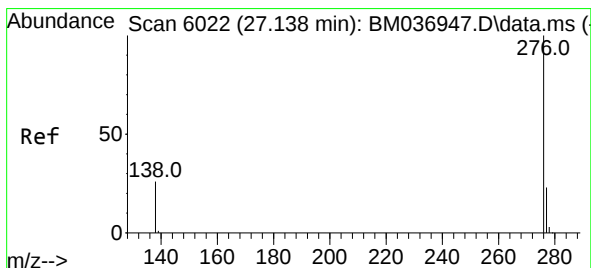
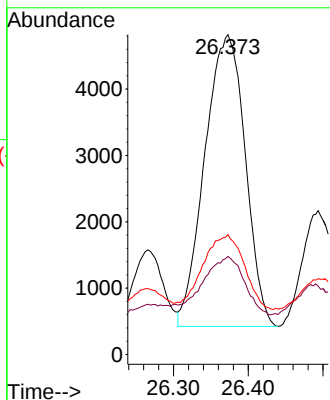
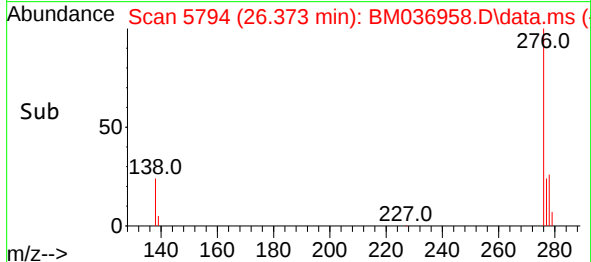
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:278 Resp: 16512
Ion Ratio Lower Upper
278 100
139 30.7 19.8 29.6
279 37.5 27.7 41.5

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Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 0.795 ng/ul
RT: 27.127 min Scan# 6019
Delta R.T. -0.000 min
Lab File: BM036958.D
Acq: 11 Oct 2022 23:04

Tgt Ion:276 Resp: 57789
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.0
277 24.8 21.0 31.4

