

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036945.D
 Acq On : 11 Oct 2022 14:39
 Operator : CG/JU
 Sample : N4991-06DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 01:26:40 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	7.955	152	8404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	30329	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.581	164	16924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	33874	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	22452	0.400	ng/ul	0.00
23) Perylene-d12	23.881	264	16774	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	8803	0.743	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2777	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	5439	0.081	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	127778	1.474	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	104157	1.964	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	81228	1.508	ng/ul	99
10) Acenaphthylene	14.303	152	12424	0.177	ng/ul#	83
11) Acenaphthene	14.641	153	12265	0.201	ng/ul	100
12) Fluorene	15.621	166	14963	0.216	ng/ul#	94
15) Phenanthrene	17.356	178	323390	2.990	ng/ul	99
16) Anthracene	17.449	178	46967	0.520	ng/ul	99
19) Fluoranthene	19.364	202	501626	5.617	ng/ul	99
20) Pyrene	19.727	202	438792	4.712	ng/ul	98
21) Benzo(a)anthracene	21.467	228	227929	2.810	ng/ul	99
22) Chrysene	21.519	228	235032	2.699	ng/ul	99
24) Benzo(b)fluoranthene	23.147	252	271263	3.620	ng/ul	86
25) Benzo(k)fluoranthene	23.194	252	83862m	1.149	ng/ul	
26) Benzo(a)pyrene	23.773	252	189840	3.122	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.366	276	124773	1.449	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.379	278	31702	0.455	ng/ul	94
29) Benzo(g,h,i)perylene	27.134	276	117784	1.552	ng/ul	96

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

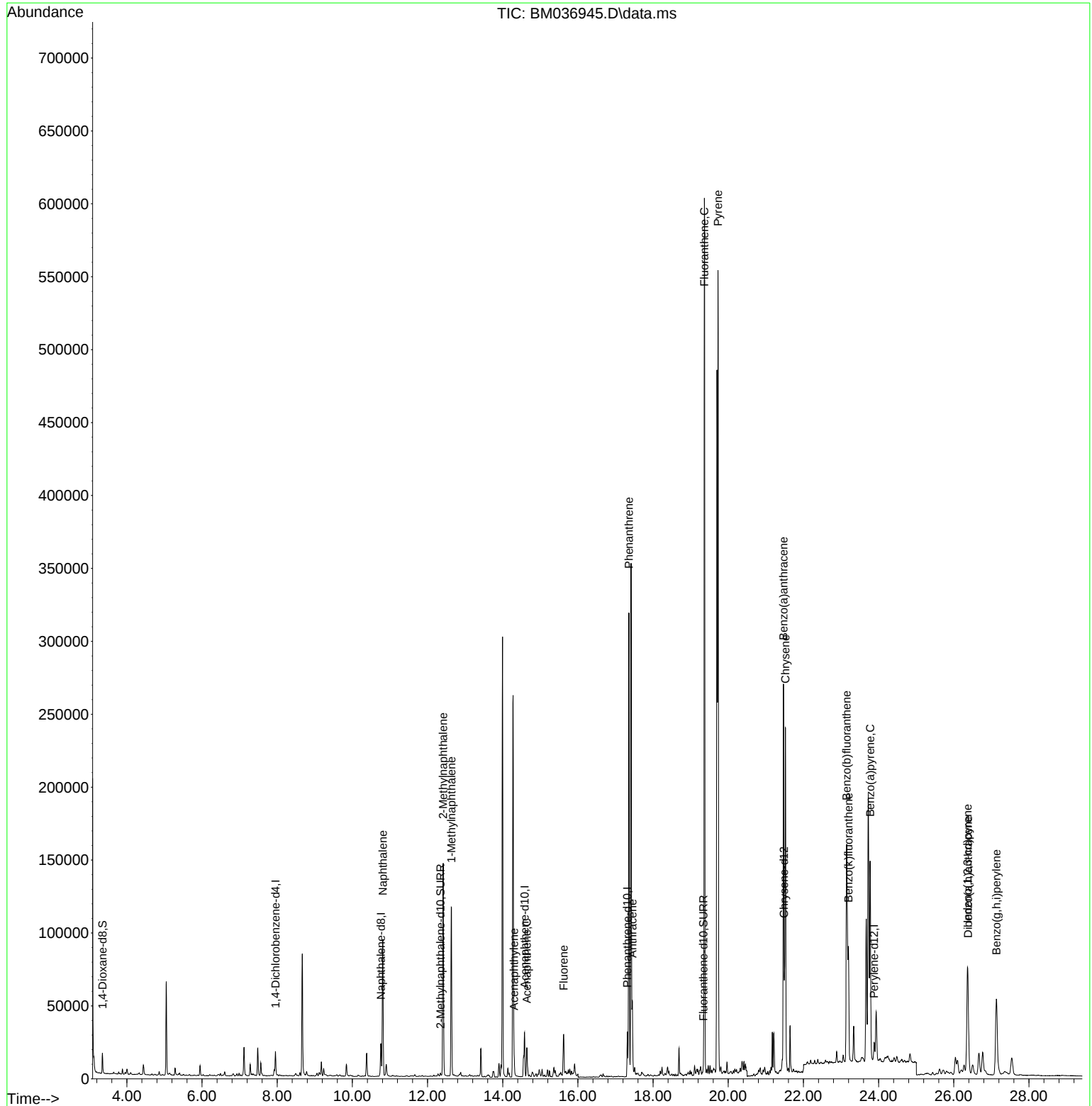
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036945.D
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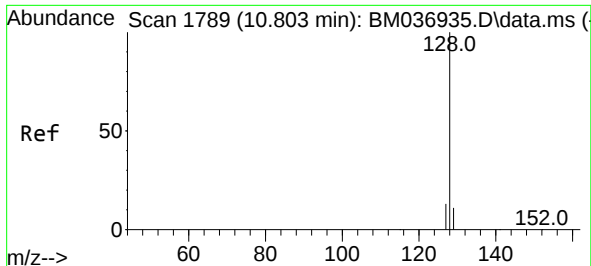
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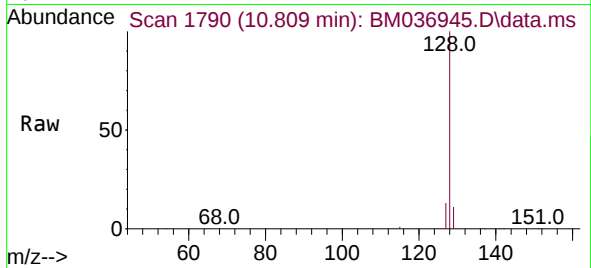
Quant Time: Oct 12 01:26:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.474 ng/ul
RT: 10.809 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

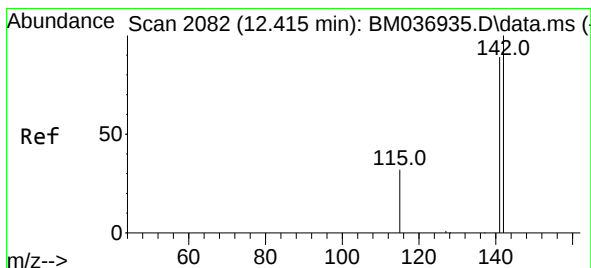
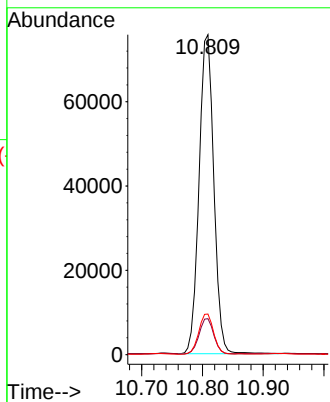
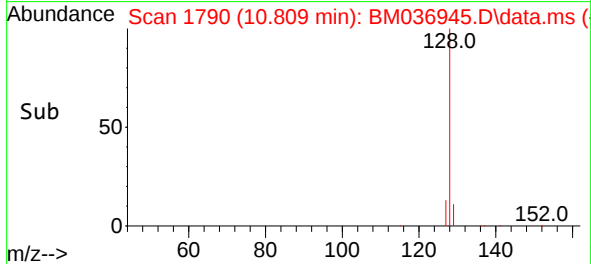
Instrument :
BNA_M
ClientSampleId :
C0BF7DL



Tgt Ion:128 Resp: 127778
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.7 11.7 17.5

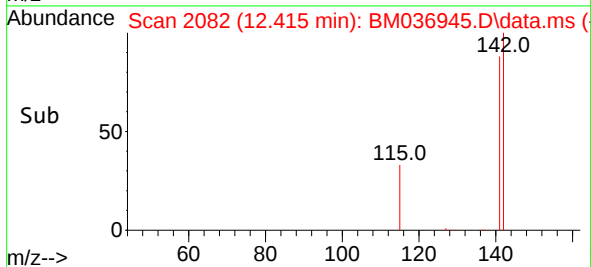
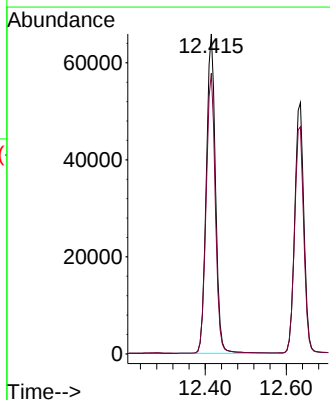
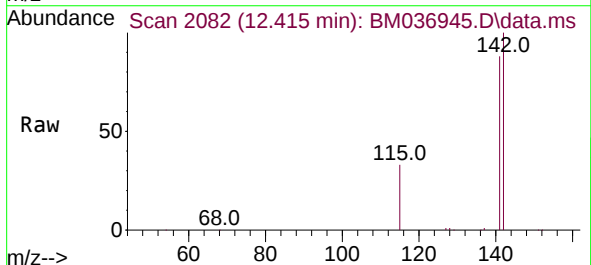
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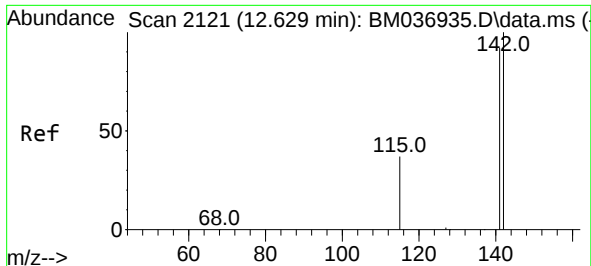
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 1.964 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

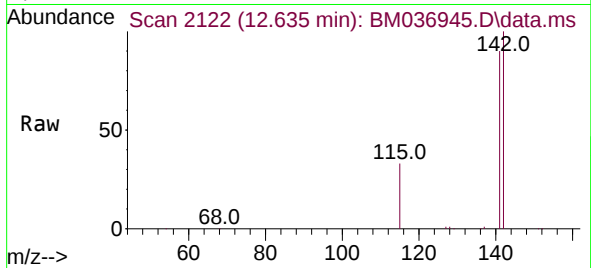
Tgt Ion:142 Resp: 104157
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 1.508 ng/ul
RT: 12.635 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

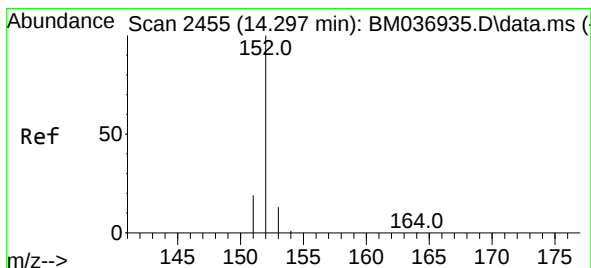
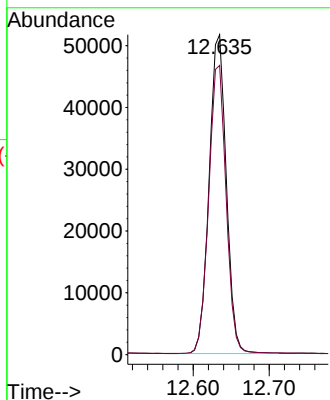
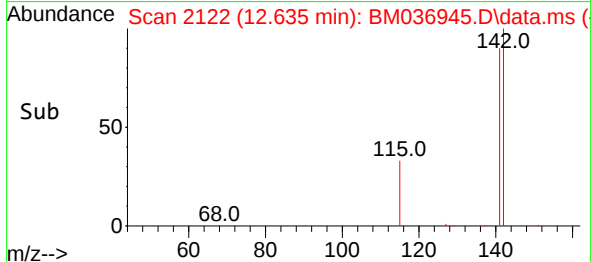
Instrument :
BNA_M
ClientSampleId :
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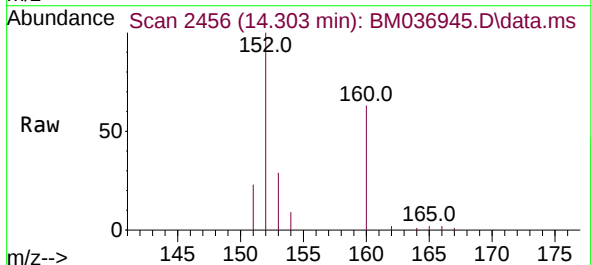
Tgt Ion:142 Resp: 81228
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1

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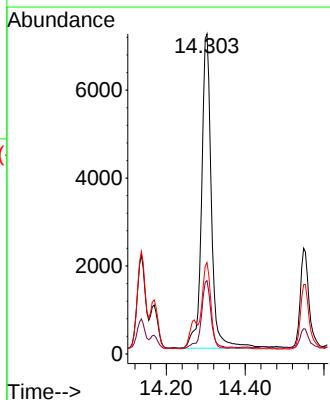
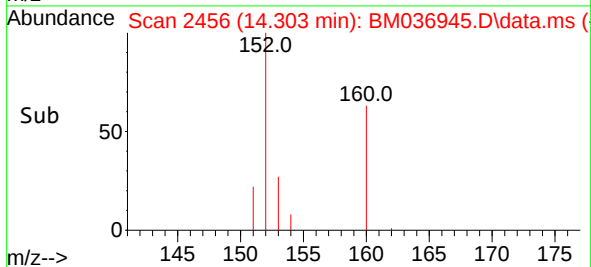
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

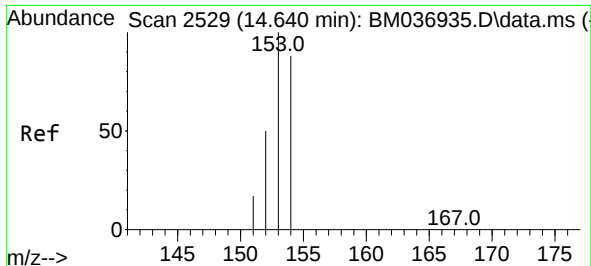


#10
Acenaphthylene
Concen: 0.177 ng/ul
RT: 14.303 min Scan# 2456
Delta R.T. 0.006 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39



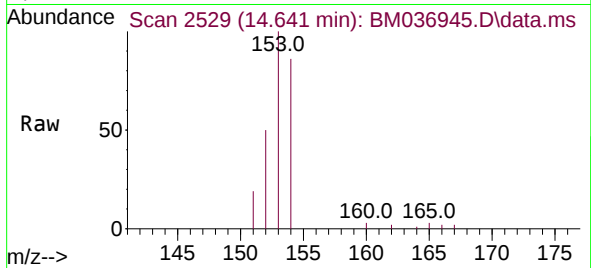
Tgt Ion:152 Resp: 12424
Ion Ratio Lower Upper
152 100
151 22.9 16.6 24.8
153 28.5 11.4 17.0#





#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.641 min Scan# 2529
Delta R.T. 0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

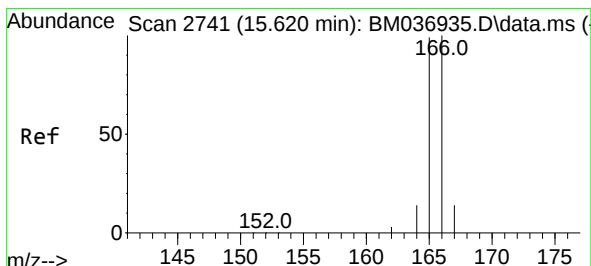
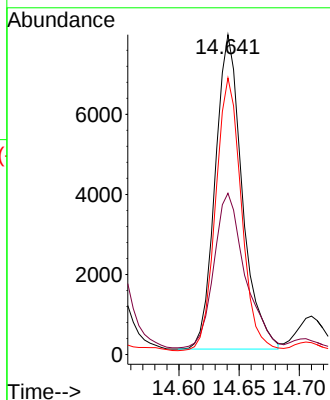
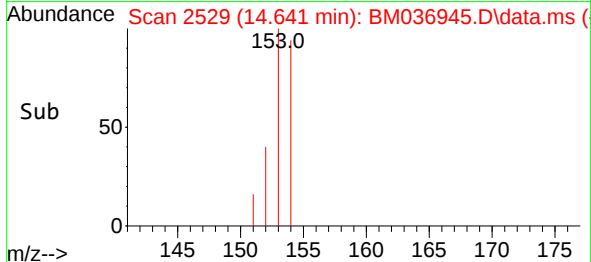
Instrument :
BNA_M
ClientSampleId :
C0BF7DL



Tgt Ion:153 Resp: 12265
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 86.5 69.7 104.5

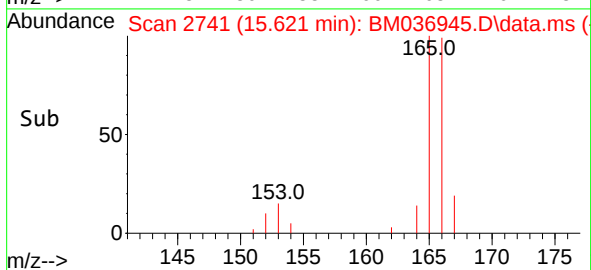
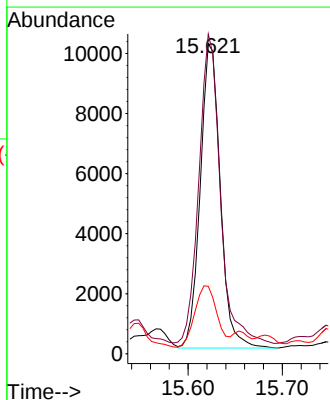
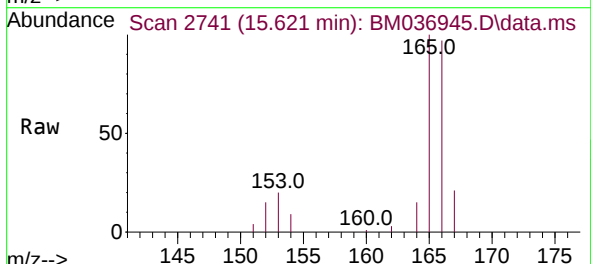
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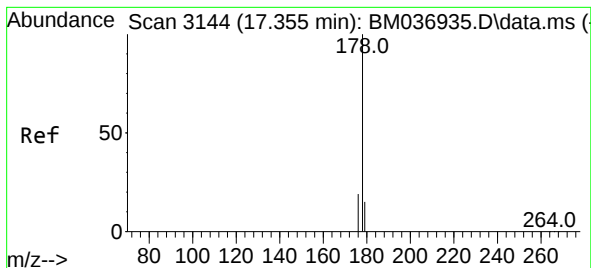
Reviewed By :Jagrut Upadhyay 10/12/2022
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#12
Fluorene
Concen: 0.216 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

Tgt Ion:166 Resp: 14963
Ion Ratio Lower Upper
166 100
165 103.2 78.9 118.3
167 21.8 11.3 16.9#





#15

Phenanthrene

Concen: 2.990 ng/ul

RT: 17.356 min Scan# 3144

Delta R.T. 0.001 min

Lab File: BM036945.D

Acq: 11 Oct 2022 14:39

Instrument :

BNA_M

ClientSampleId :

C0BF7DL

Tgt Ion:178 Resp: 323390

Ion Ratio Lower Upper

178 100

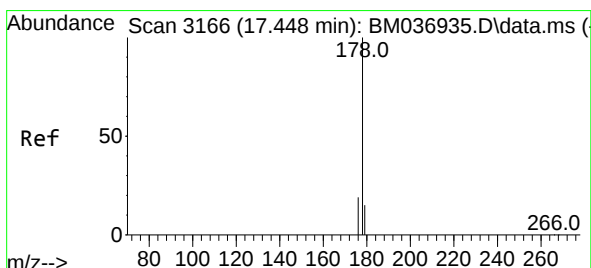
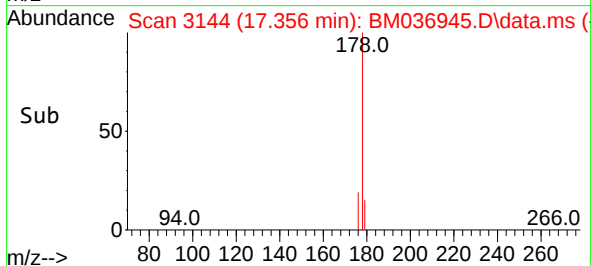
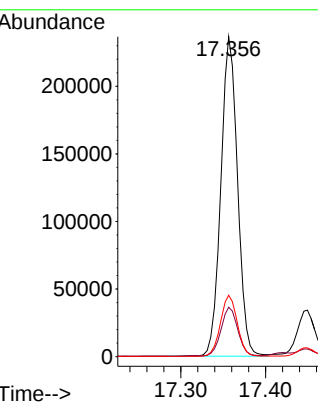
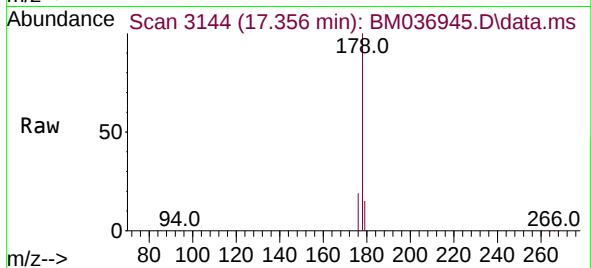
179 15.4 13.0 19.6

176 19.2 15.6 23.4

Manual Integrations

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#16

Anthracene

Concen: 0.520 ng/ul

RT: 17.449 min Scan# 3166

Delta R.T. 0.001 min

Lab File: BM036945.D

Acq: 11 Oct 2022 14:39

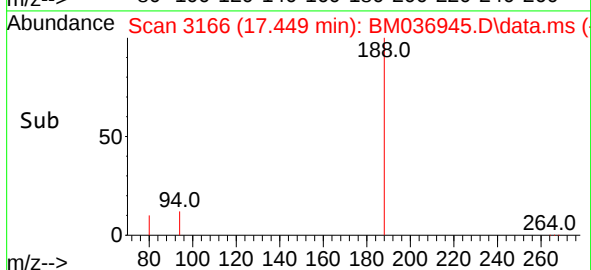
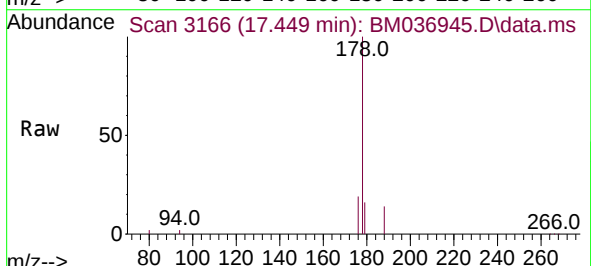
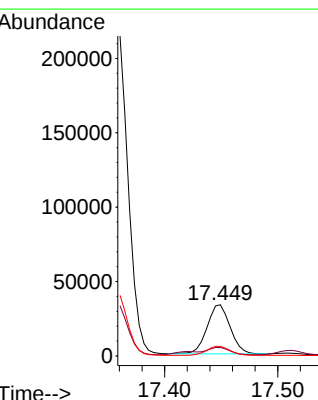
Tgt Ion:178 Resp: 46967

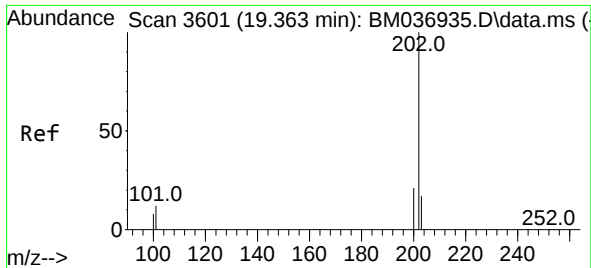
Ion Ratio Lower Upper

178 100

179 16.5 13.6 20.4

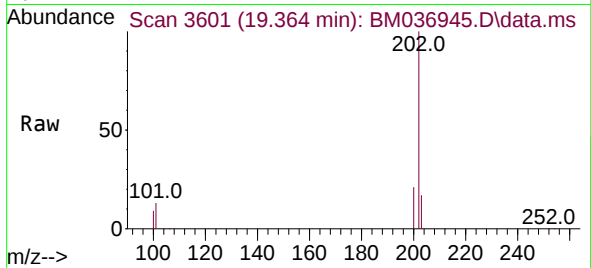
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 5.617 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

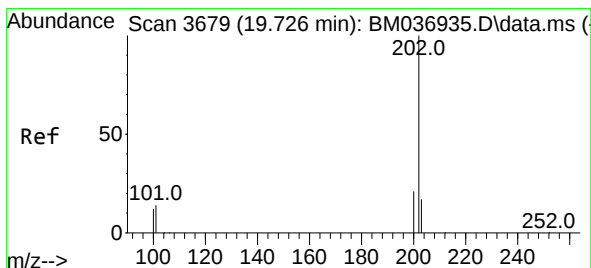
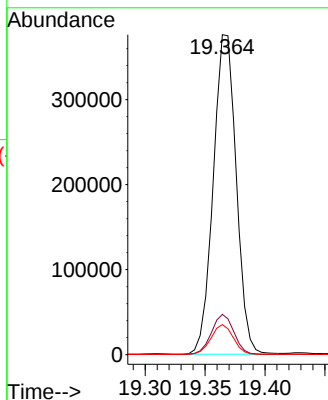
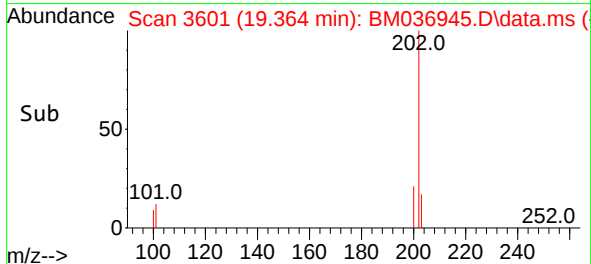
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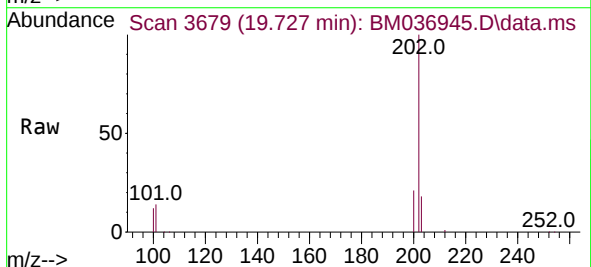
Tgt Ion:202 Resp: 501626
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.4 7.9 11.9

Manual Integrations
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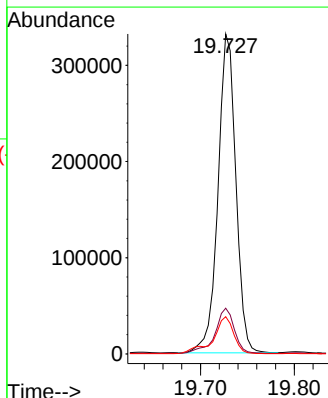
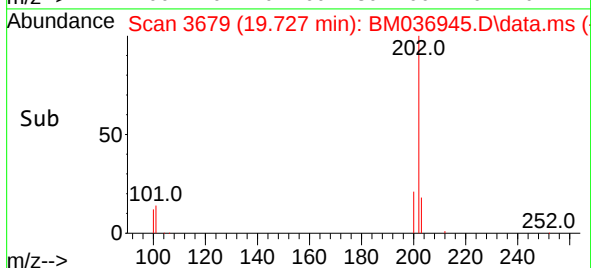
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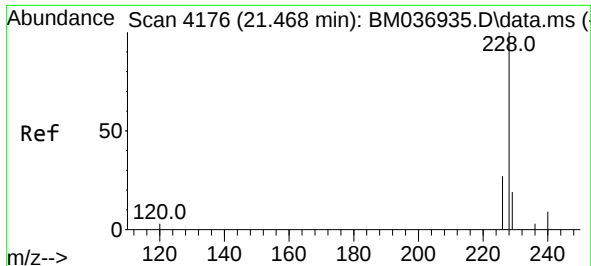


#20
Pyrene
Concen: 4.712 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39



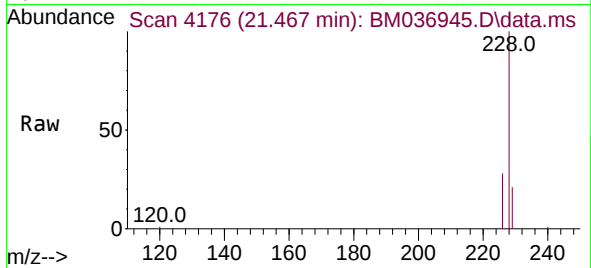
Tgt Ion:202 Resp: 438792
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.810 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

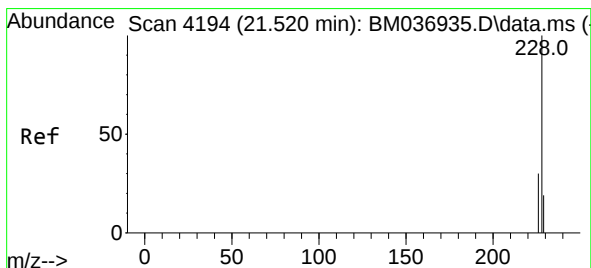
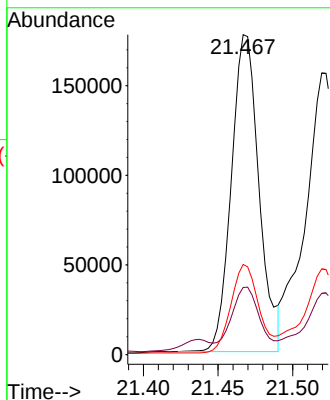
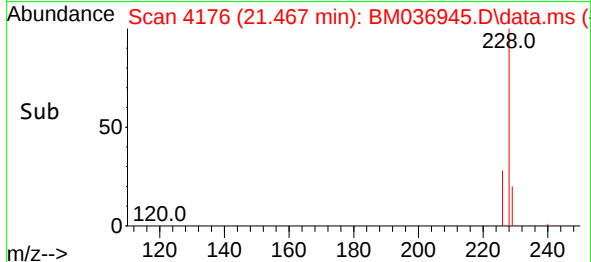
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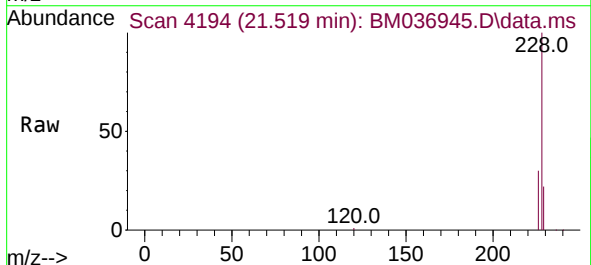
Tgt Ion:228 Resp: 227929
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.2 22.5 33.7

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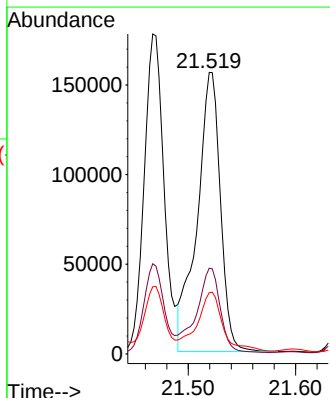
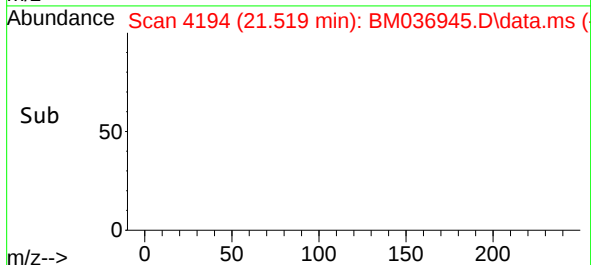
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

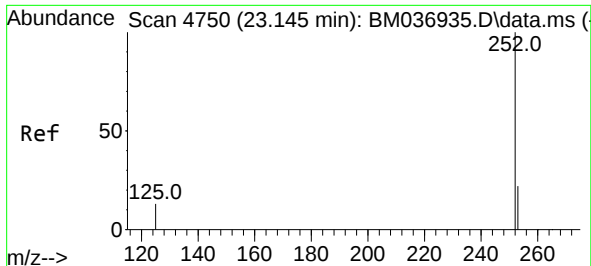


#22
Chrysene
Concen: 2.699 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39



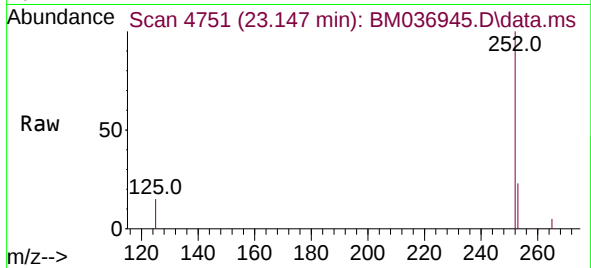
Tgt Ion:228 Resp: 235032
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.620 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. 0.002 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

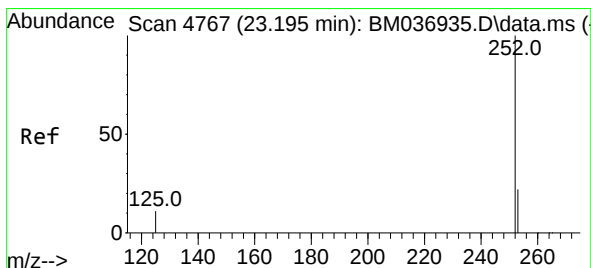
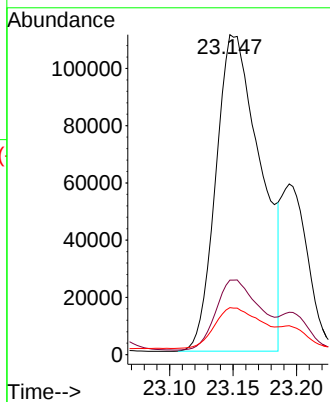
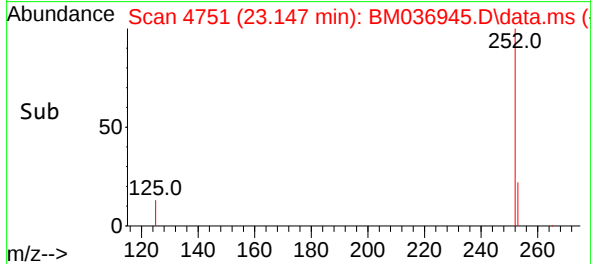
Instrument :
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Tgt Ion:252 Resp: 271263
Ion Ratio Lower Upper
252 100
253 23.3 0.0 61.4
125 14.7 0.0 42.6

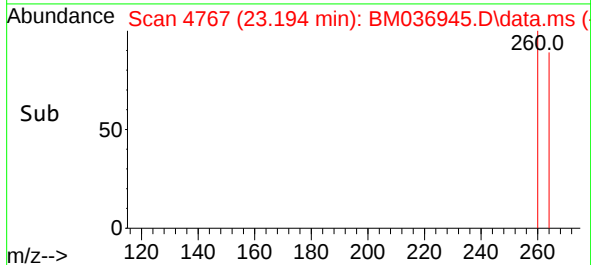
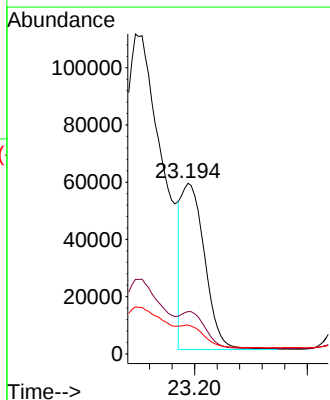
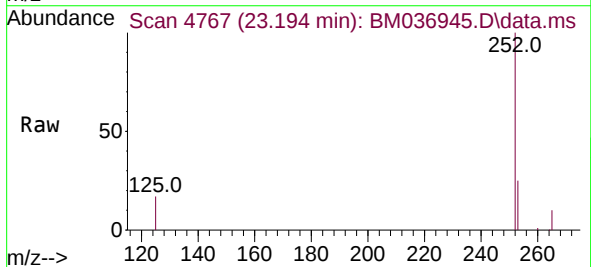
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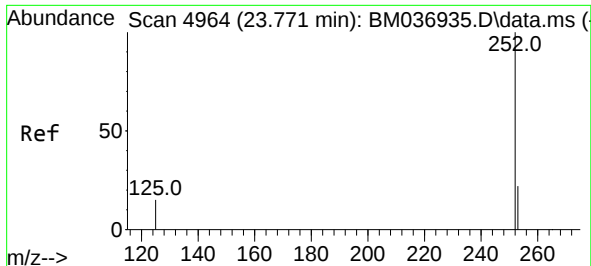
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 1.149 ng/ul m
RT: 23.194 min Scan# 4767
Delta R.T. -0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

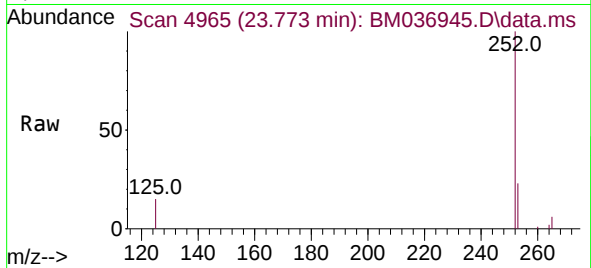
Tgt Ion:252 Resp: 83862
Ion Ratio Lower Upper
252 100
253 24.8 25.2 37.8#
125 16.9 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 3.122 ng/ul
RT: 23.773 min Scan# 4964
Delta R.T. 0.002 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

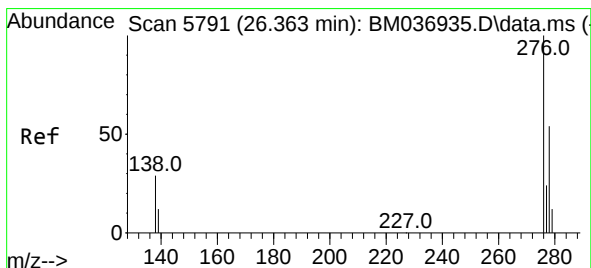
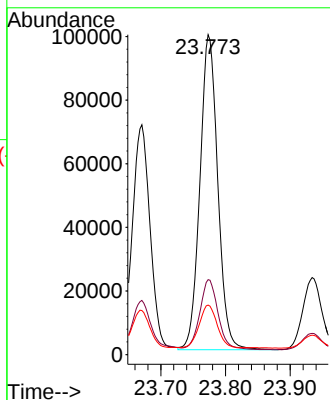
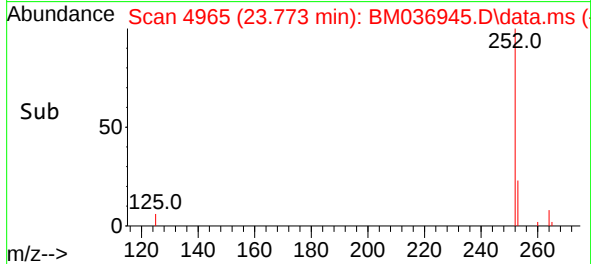
Instrument :
BNA_M
ClientSampleId :
C0BF7DL



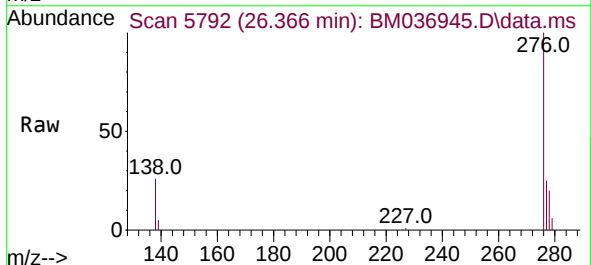
Tgt Ion:252 Resp: 189840
Ion Ratio Lower Upper
252 100
253 23.4 29.7 44.5
125 15.5 23.6 35.4

Manual Integrations
APPROVED

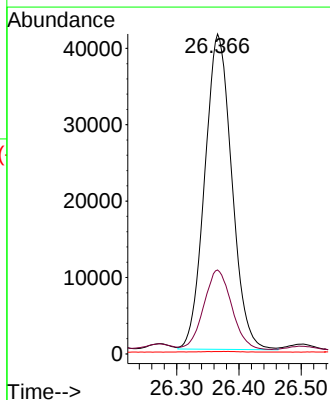
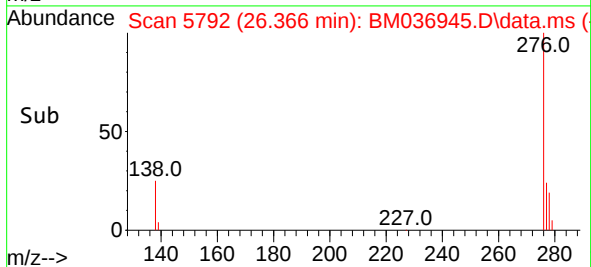
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

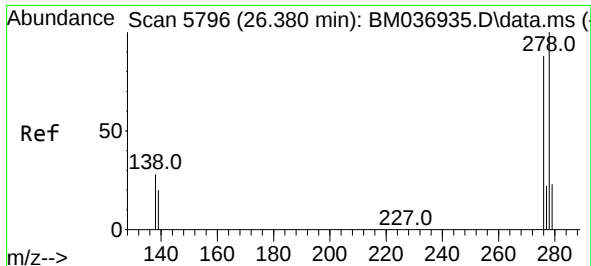


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.449 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.003 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39



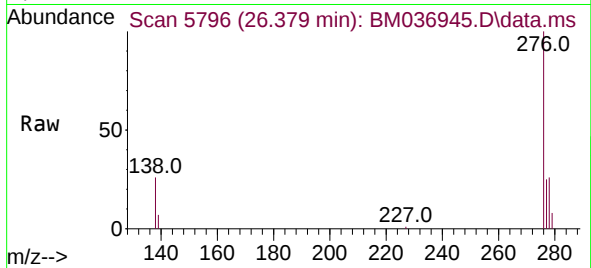
Tgt Ion:276 Resp: 124773
Ion Ratio Lower Upper
276 100
138 26.0 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 26.379 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39

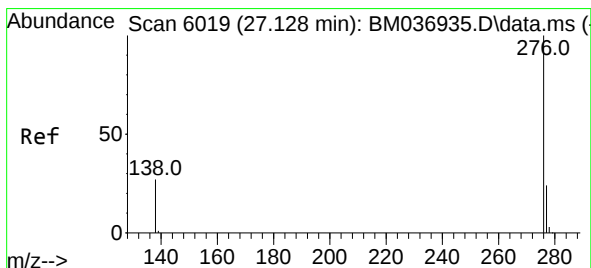
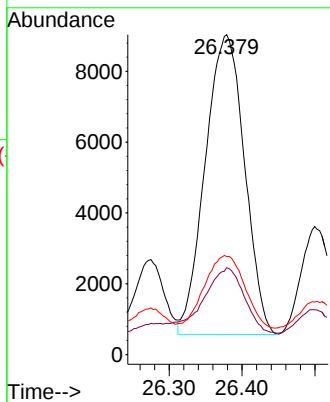
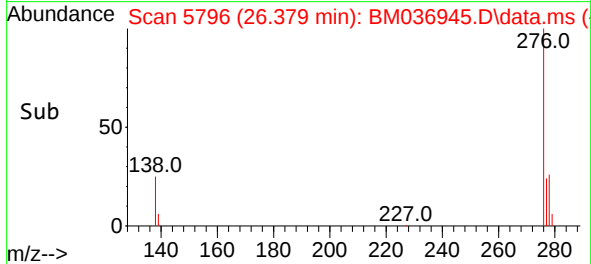
Instrument :
BNA_M
ClientSampleId :
C0BF7DL



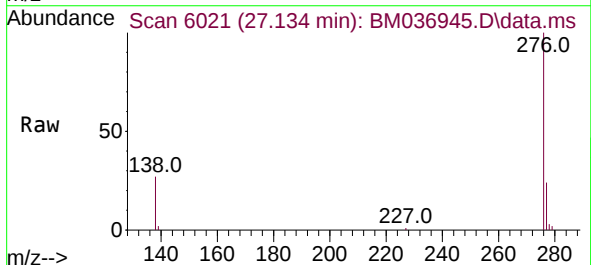
Tgt Ion:278 Resp: 31702
Ion Ratio Lower Upper
278 100
139 27.2 19.8 29.6
279 30.7 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.552 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.006 min
Lab File: BM036945.D
Acq: 11 Oct 2022 14:39



Tgt Ion:276 Resp: 117784
Ion Ratio Lower Upper
276 100
138 26.6 23.4 35.0
277 24.2 21.0 31.4

