

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036985.D
 Acq On : 12 Oct 2022 15:53
 Operator : CG/JU
 Sample : N5024-04
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 23:11:16 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	9226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29750	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	14212	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	23536	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	17789	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	17654	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	54884	4.218	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	14795	0.329	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	22491	0.423	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	148070	1.741	ng/ul	96
7) 2-Methylnaphthalene	12.409	142	88435	1.700	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	73441	1.390	ng/ul	99
10) Acenaphthylene	14.297	152	121581	2.058	ng/ul	99
11) Acenaphthene	14.635	153	25377	0.495	ng/ul	100
12) Fluorene	15.620	166	28523	0.491	ng/ul	99
15) Phenanthrene	17.355	178	984732	13.106	ng/ul	99
16) Anthracene	17.444	178	129879	2.068	ng/ul	98
19) Fluoranthene	19.363	202	1494822	21.127	ng/ul	99
20) Pyrene	19.726	202	1207646	16.367	ng/ul	99
21) Benzo(a)anthracene	21.468	228	438182	6.818	ng/ul	99
22) Chrysene	21.520	228	532936	7.723	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	832776	10.559	ng/ul	85
25) Benzo(k)fluoranthene	23.195	252	248070m	3.228	ng/ul	
26) Benzo(a)pyrene	23.777	252	522246	8.162	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.370	276	448142	4.944	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.376	278	92547	1.263	ng/ul	92
29) Benzo(g,h,i)perylene	27.138	276	426531	5.340	ng/ul	95

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

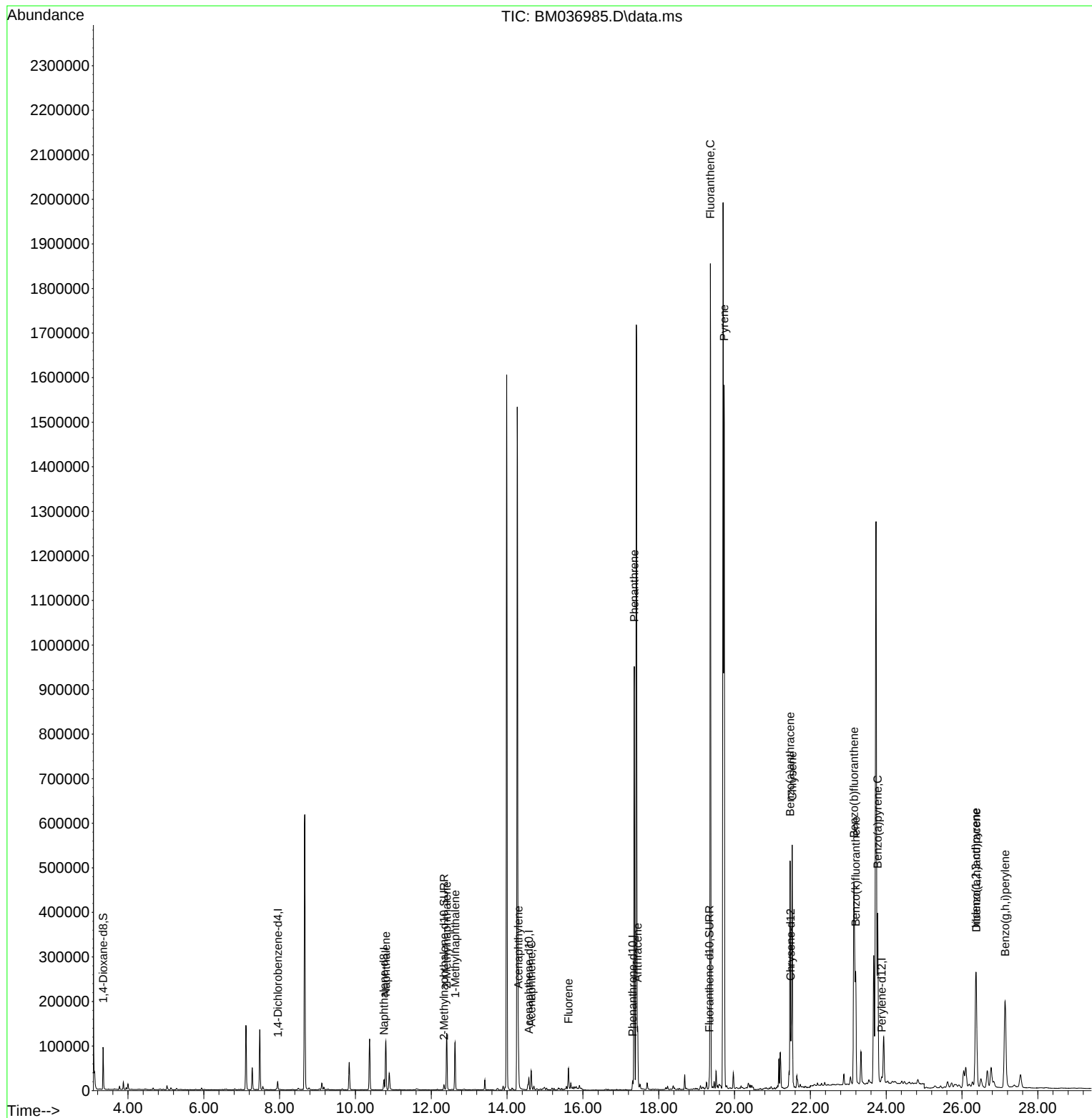
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036985.D
Acq On : 12 Oct 2022 15:53
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ALS Vial : 89 Sample Multiplier: 1

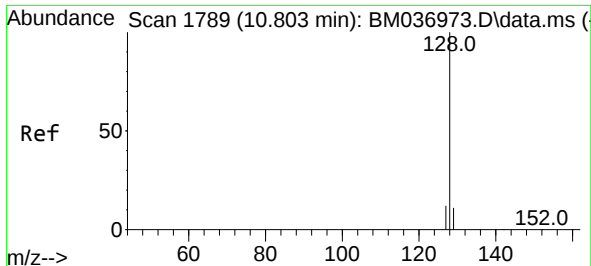
Instrument :
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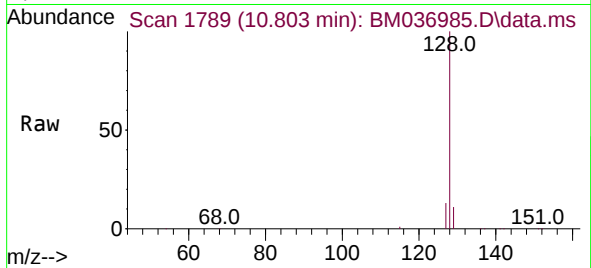
Quant Time: Oct 12 23:11:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.741 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

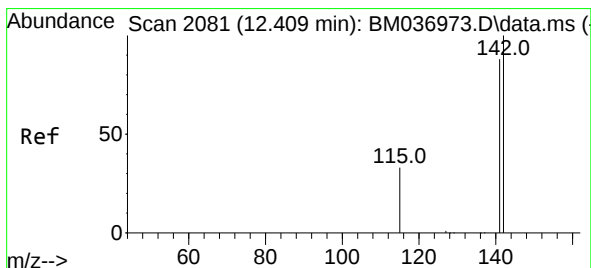
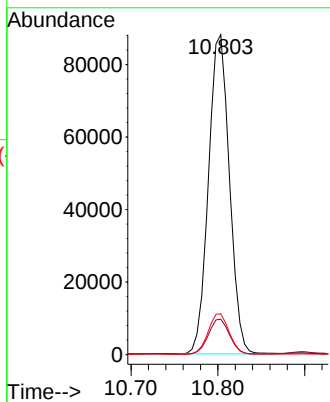
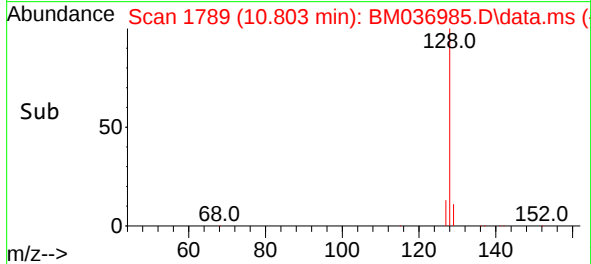
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:128 Resp: 148070
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.8 11.7 17.5

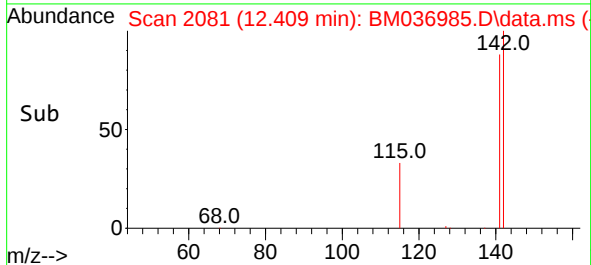
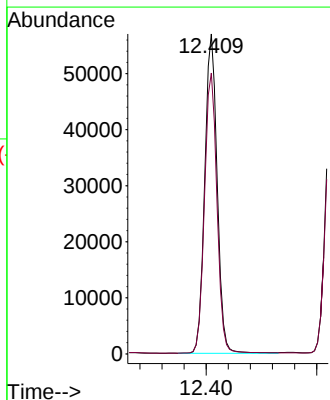
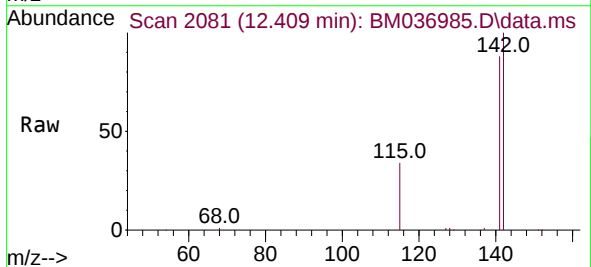
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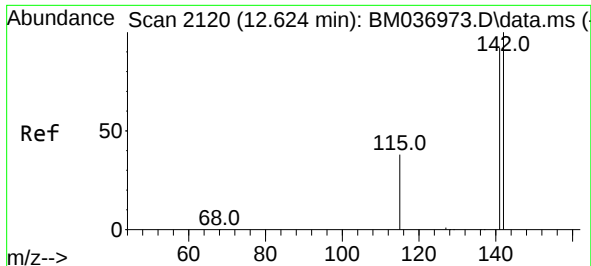
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#7
2-Methylnaphthalene
Concen: 1.700 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

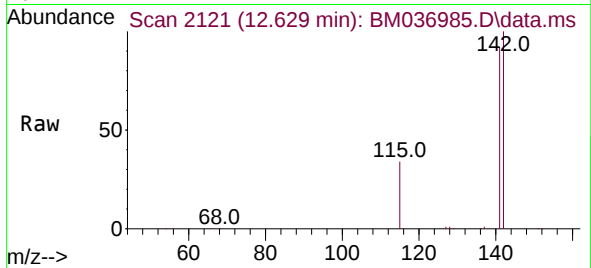
Tgt Ion:142 Resp: 88435
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0





#8
1-Methylnaphthalene
Concen: 1.390 ng/ul
RT: 12.629 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

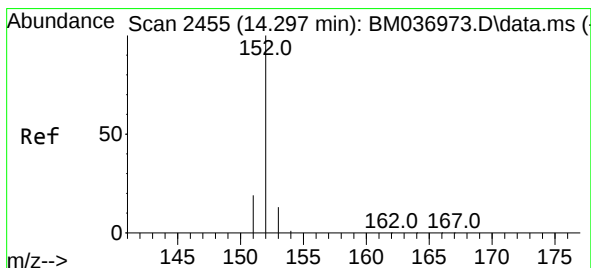
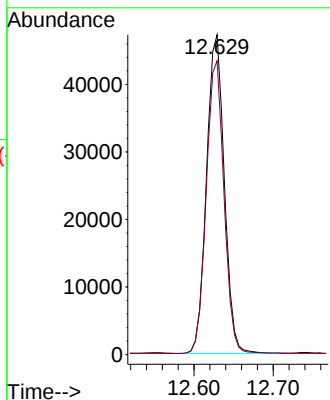
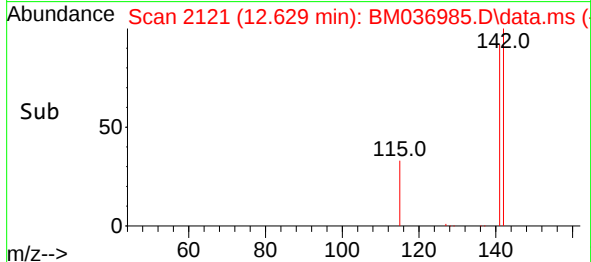
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:142 Resp: 7344
Ion Ratio Lower Upper
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141 91.6 74.1 111.1

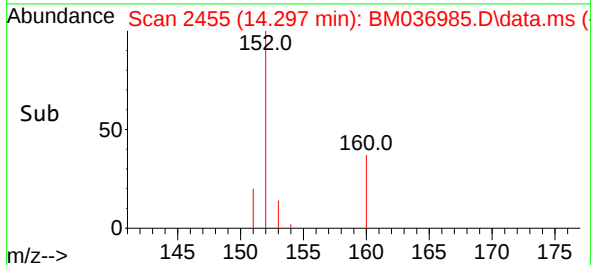
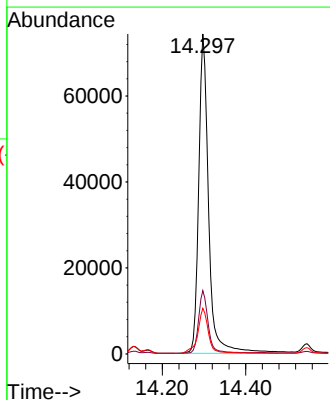
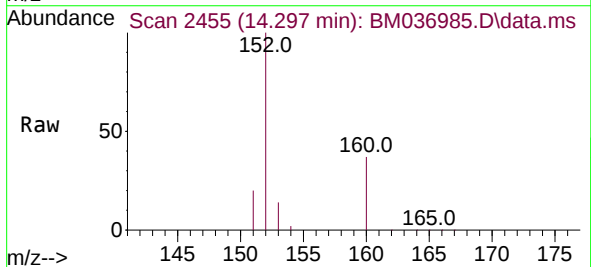
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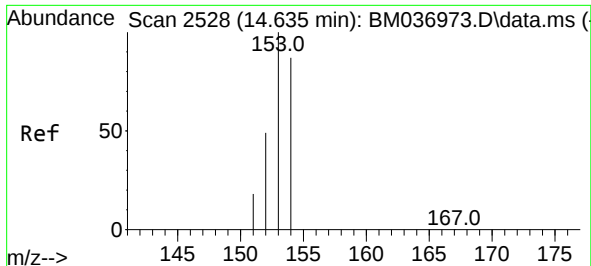
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#10
Acenaphthylene
Concen: 2.058 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

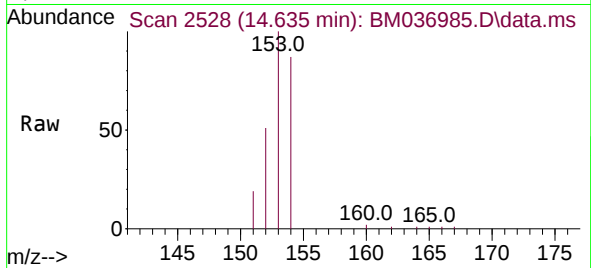
Tgt Ion:152 Resp: 121581
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 14.2 11.4 17.0





#11
Acenaphthene
Concen: 0.495 ng/u1
RT: 14.635 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

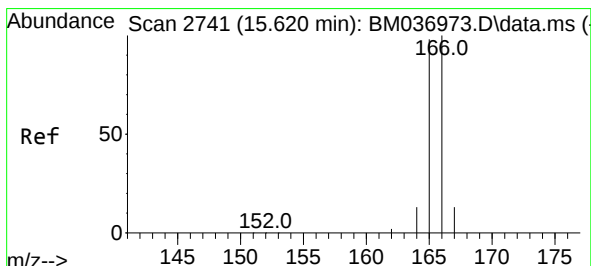
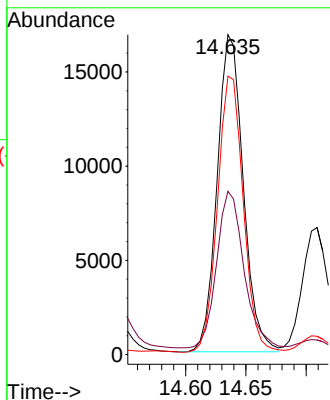
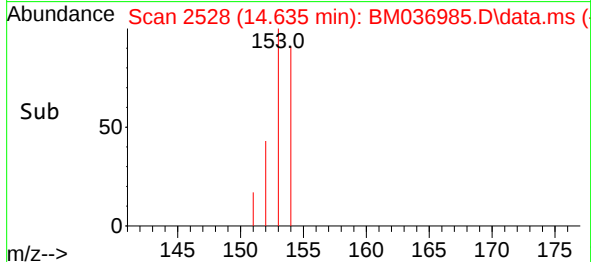
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:153 Resp: 25372
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 87.0 69.7 104.5

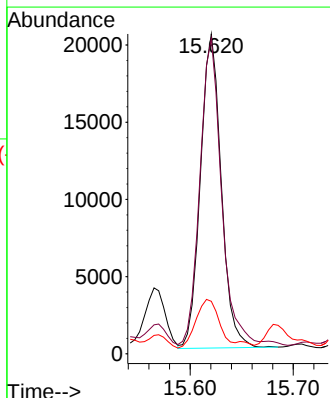
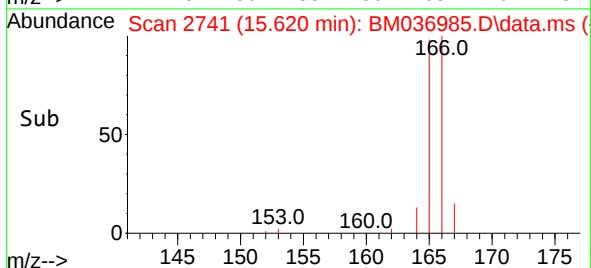
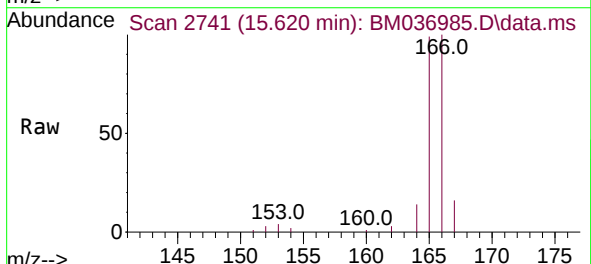
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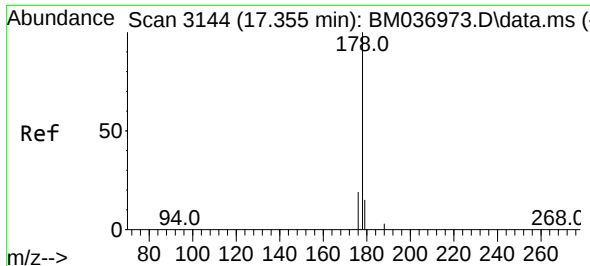
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#12
Fluorene
Concen: 0.491 ng/u1
RT: 15.620 min Scan# 2741
Delta R.T. -0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

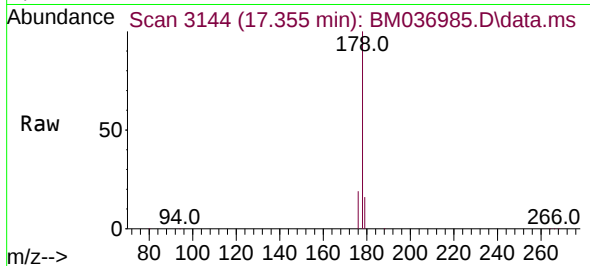
Tgt Ion:166 Resp: 28523
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 16.4 11.3 16.9





#15
Phenanthrene
Concen: 13.106 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

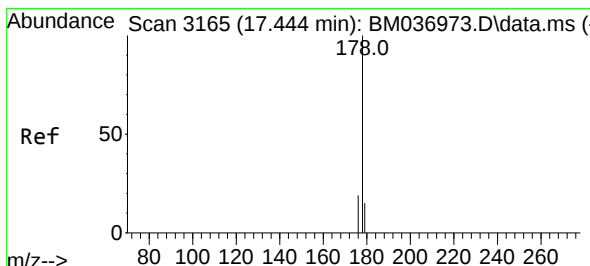
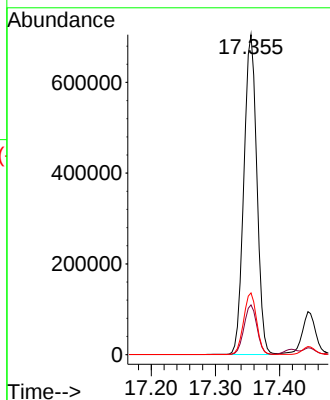
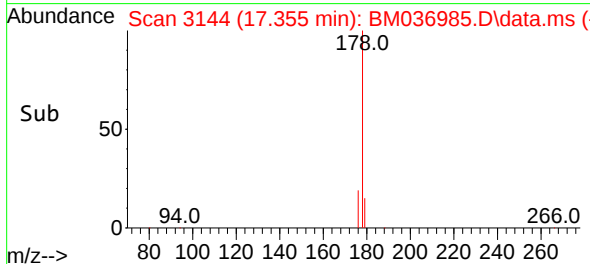
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:178 Resp: 984732
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.3 15.6 23.4

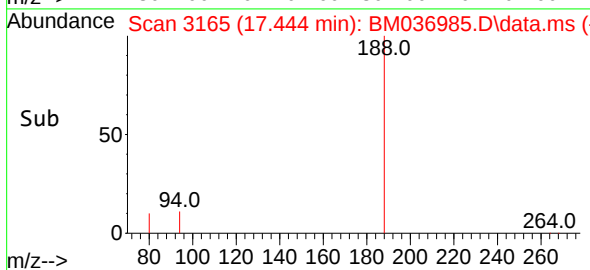
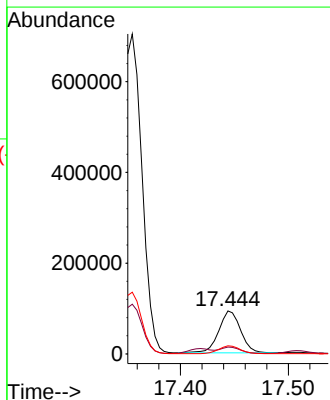
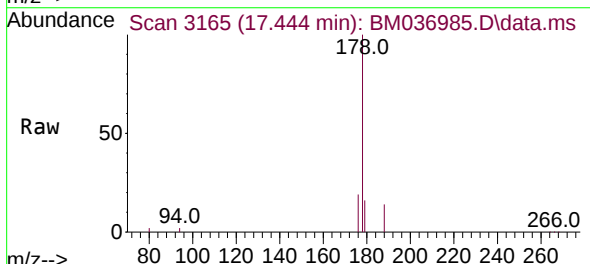
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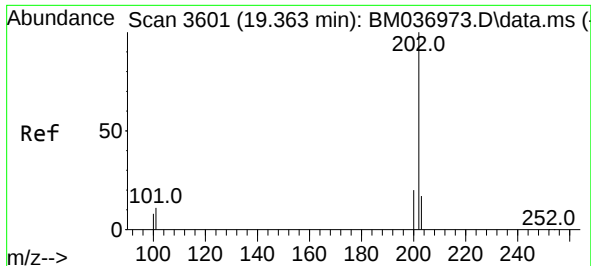
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#16
Anthracene
Concen: 2.068 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

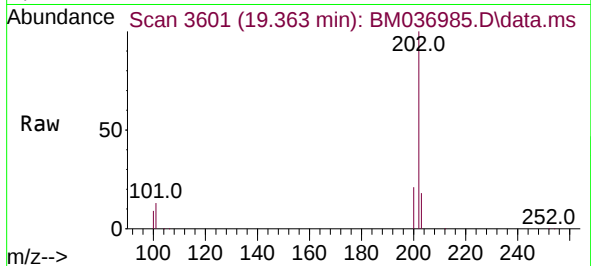
Tgt Ion:178 Resp: 129879
Ion Ratio Lower Upper
178 100
179 15.9 13.6 20.4
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 21.127 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

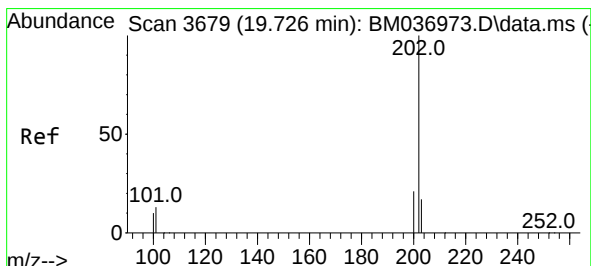
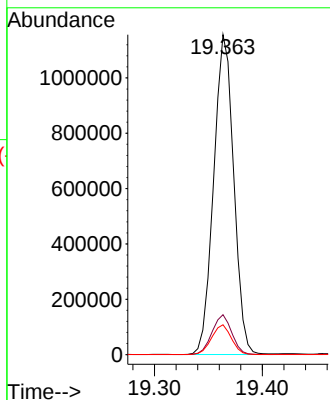
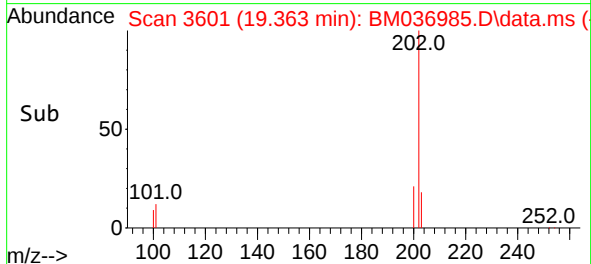
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:202 Resp: 1494822
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.3 7.9 11.9

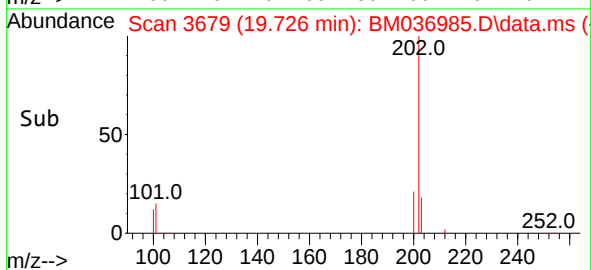
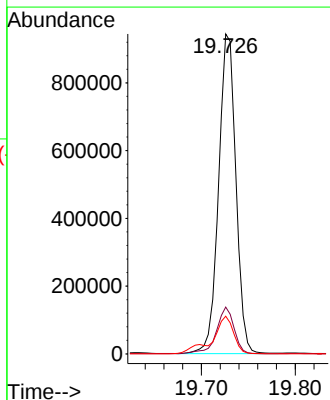
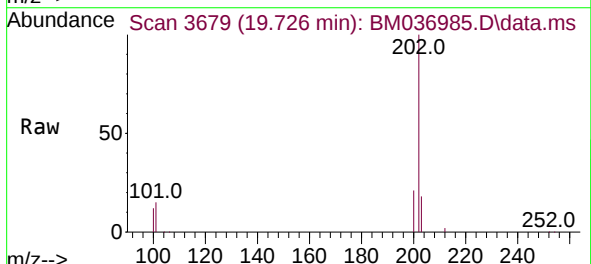
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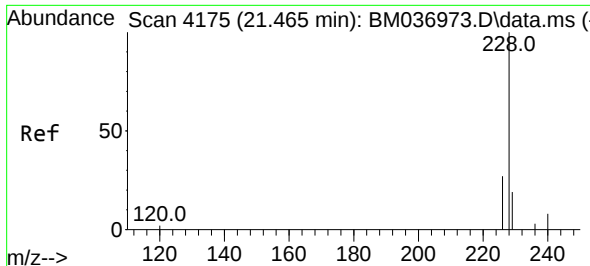
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#20
Pyrene
Concen: 16.367 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

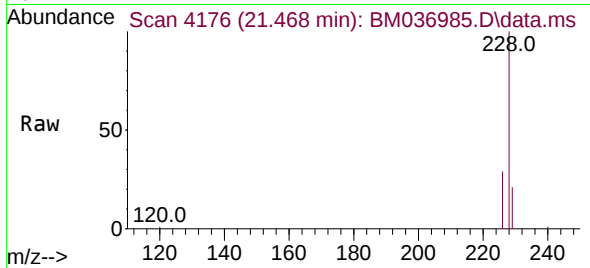
Tgt Ion:202 Resp: 1207646
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.818 ng/ul
RT: 21.468 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

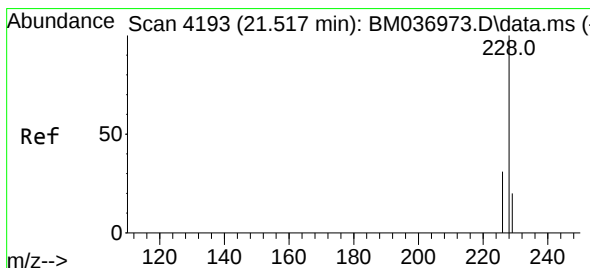
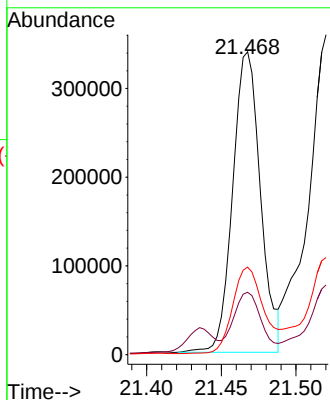
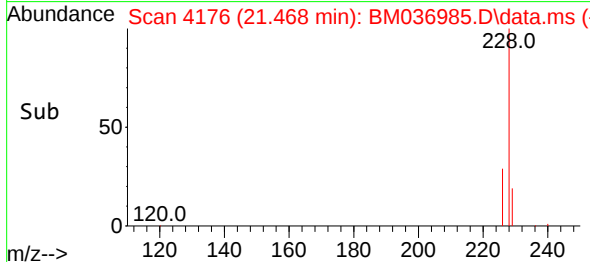
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:228 Resp: 438182
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.9 22.5 33.7

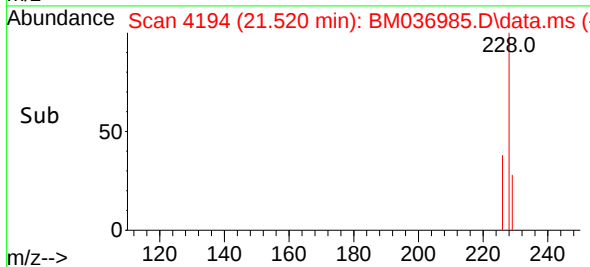
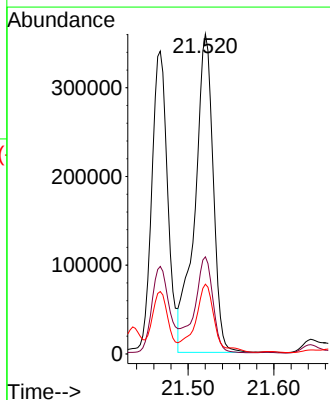
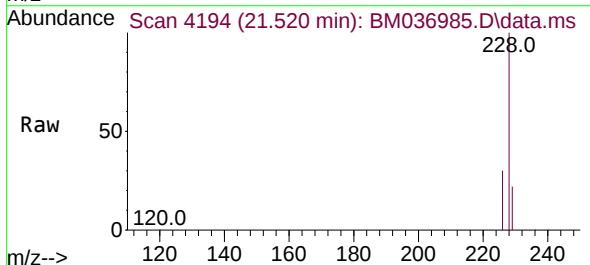
Manual Integrations
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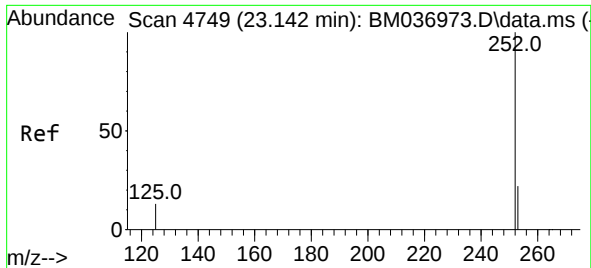
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#22
Chrysene
Concen: 7.723 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

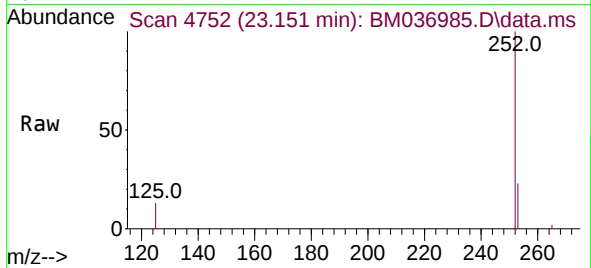
Tgt Ion:228 Resp: 532936
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 10.559 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

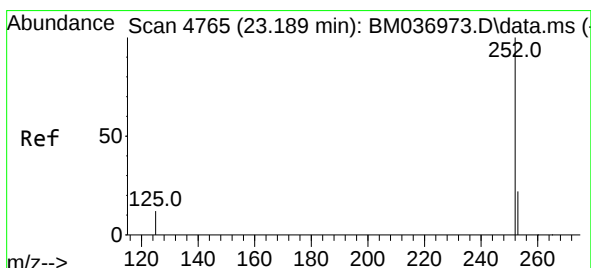
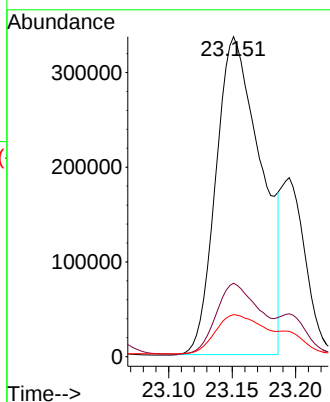
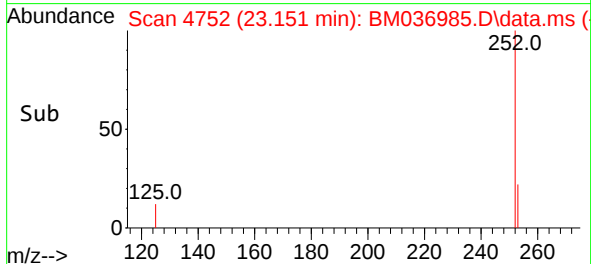
Instrument :
BNA_M
ClientSampleId :
C0BF1



Tgt Ion:252 Resp: 832776
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.4
125 13.1 0.0 42.6

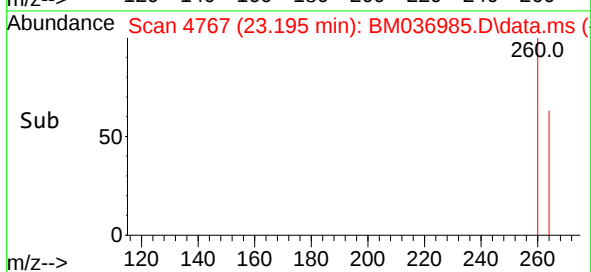
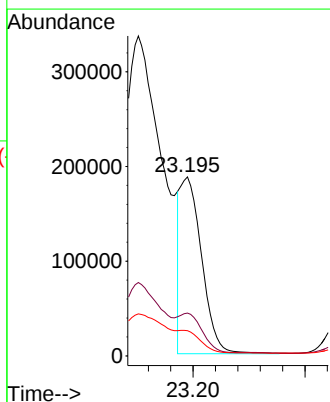
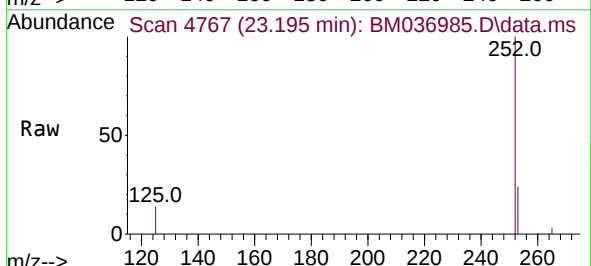
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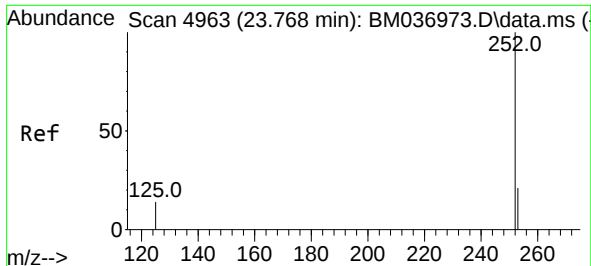
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#25
Benzo(k)fluoranthene
Concen: 3.228 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

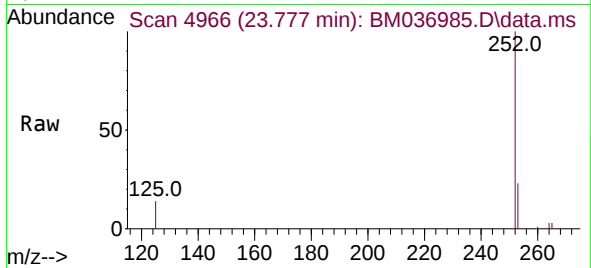
Tgt Ion:252 Resp: 248070
Ion Ratio Lower Upper
252 100
253 23.9 25.2 37.8#
125 14.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 8.162 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.006 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

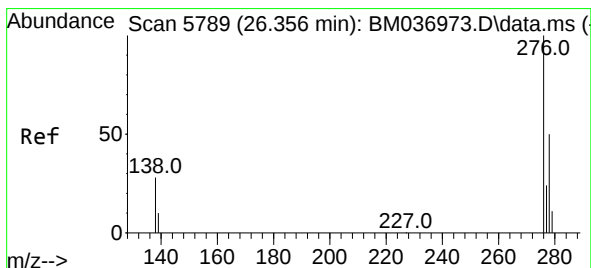
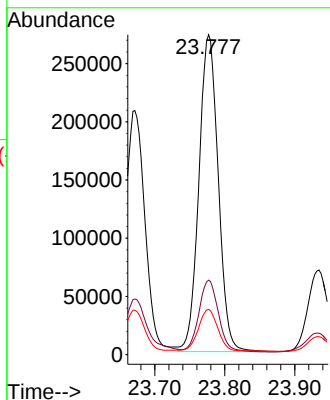
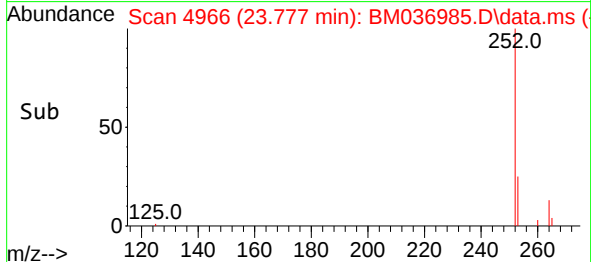
Instrument :
BNA_M
ClientSampleId :
C0BF1



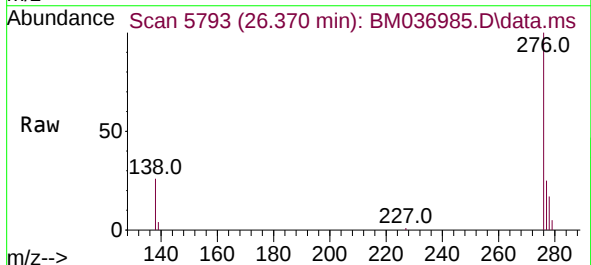
Tgt Ion:252 Resp: 522246
Ion Ratio Lower Upper
252 100
253 23.3 29.7 44.5
125 14.1 23.6 35.4

Manual Integrations
APPROVED

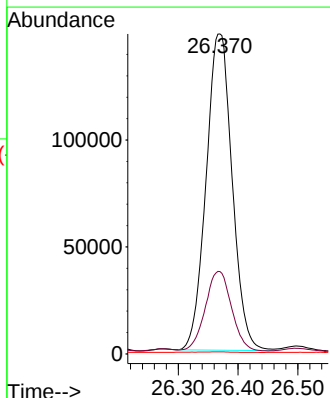
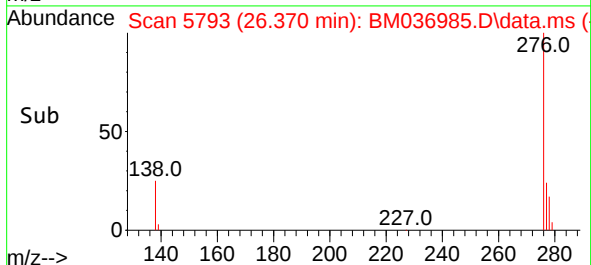
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

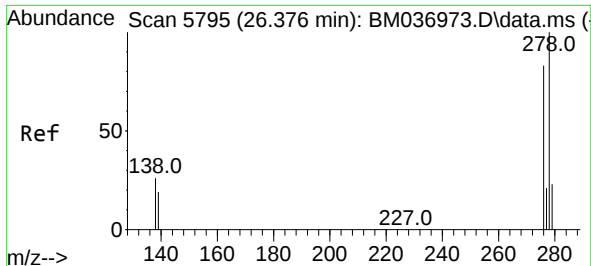


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.944 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.007 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53



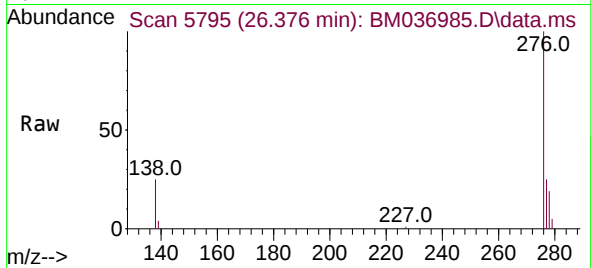
Tgt Ion:276 Resp: 448142
Ion Ratio Lower Upper
276 100
138 25.5 23.9 35.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.263 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53

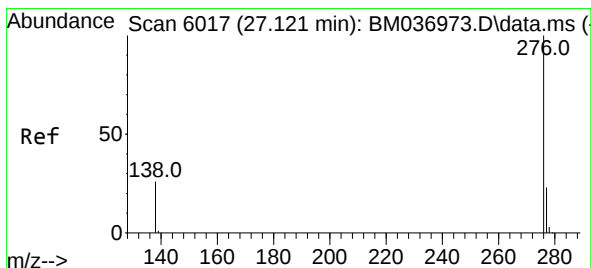
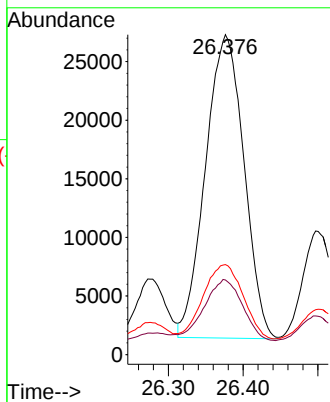
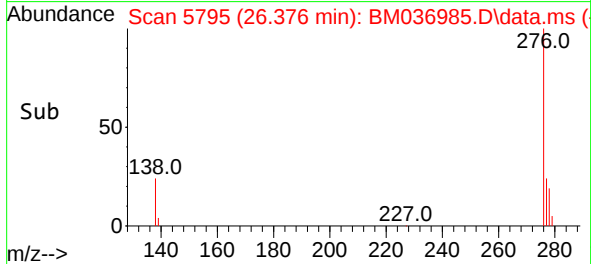
Instrument :
BNA_M
ClientSampleId :
C0BF1



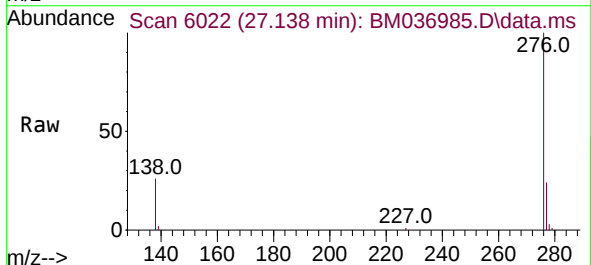
Tgt Ion:278 Resp: 9254
Ion Ratio Lower Upper
278 100
139 23.3 19.8 29.6
279 28.1 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#29
Benzo(g,h,i)perylene
Concen: 5.340 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM036985.D
Acq: 12 Oct 2022 15:53



Tgt Ion:276 Resp: 426531
Ion Ratio Lower Upper
276 100
138 26.5 23.4 35.0
277 24.1 21.0 31.4

