

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036953.D
 Acq On : 11 Oct 2022 20:06
 Operator : CG/JU
 Sample : N5024-05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF4

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 01:27:51 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	8338	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30060	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	16261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	31025	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	17550	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	15426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	42264	3.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	10329	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	17037	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	9863	0.115	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	6418	0.122	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	6348	0.119	ng/ul	99
10) Acenaphthylene	14.302	152	17235	0.255	ng/ul	99
11) Acenaphthene	14.640	153	4020	0.069	ng/ul	99
12) Fluorene	15.625	166	5511	0.083	ng/ul	98
15) Phenanthrene	17.356	178	142558	1.439	ng/ul	99
16) Anthracene	17.448	178	15404	0.186	ng/ul	99
19) Fluoranthene	19.364	202	210678	3.018	ng/ul	98
20) Pyrene	19.726	202	162490	2.232	ng/ul	99
21) Benzo(a)anthracene	21.468	228	49477	0.780	ng/ul	98
22) Chrysene	21.520	228	63844	0.938	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	81400	1.181	ng/ul	94
25) Benzo(k)fluoranthene	23.195	252	23885m	0.356	ng/ul	
26) Benzo(a)pyrene	23.774	252	48381	0.865	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.366	276	42225	0.533	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.380	278	8925	0.139	ng/ul#	82
29) Benzo(g,h,i)perylene	27.131	276	39095	0.560	ng/ul	99

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

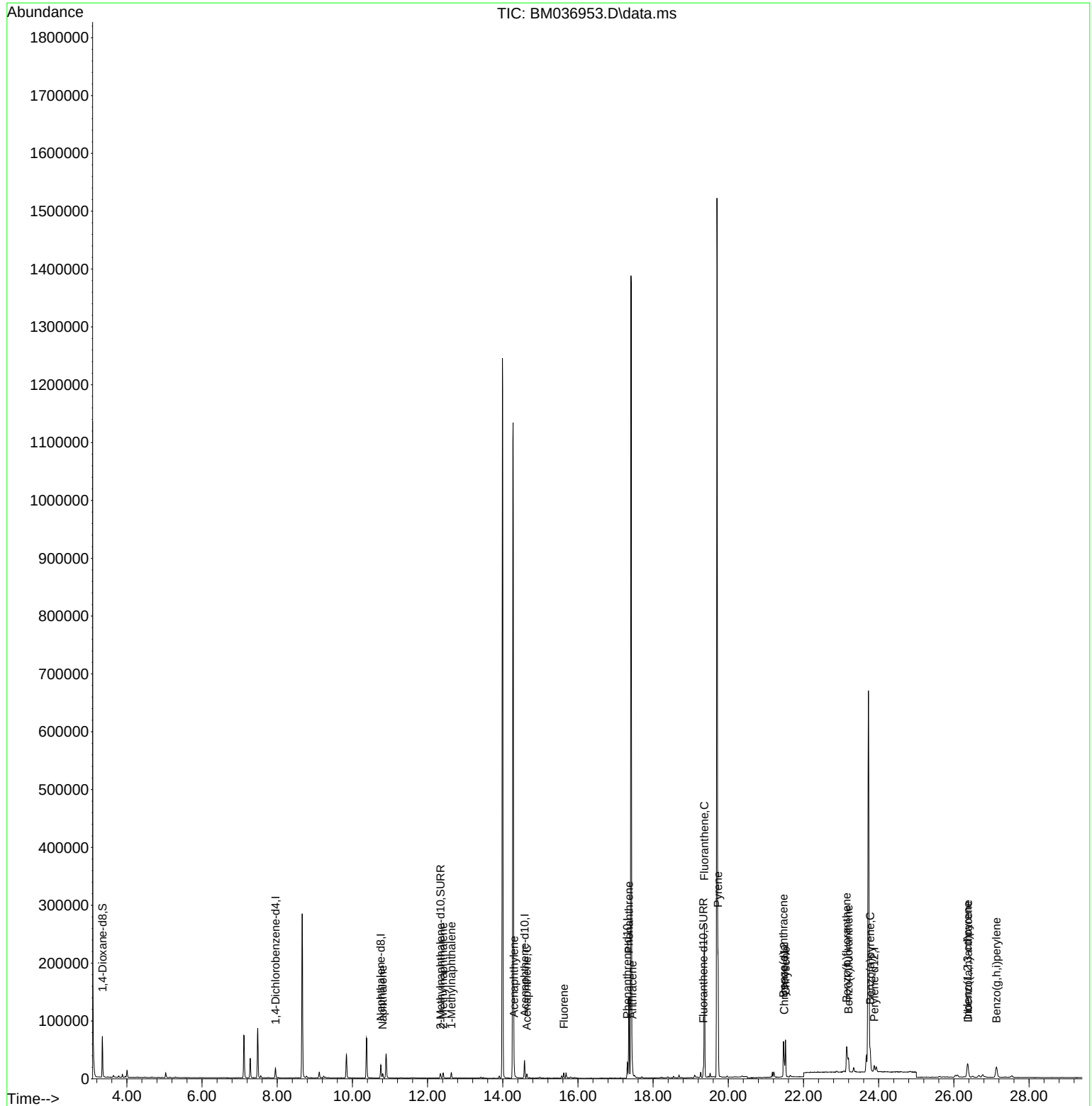
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036953.D
Acq On : 11 Oct 2022 20:06
Operator : CG/JU
Sample : N5024-05
Misc :
ALS Vial : 56 Sample Multiplier: 1

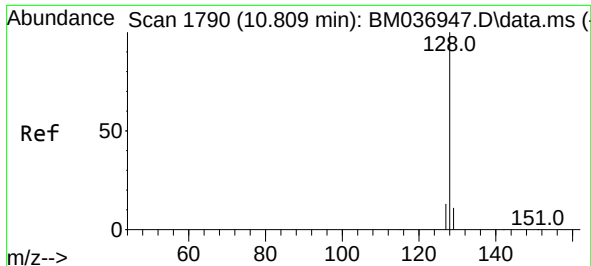
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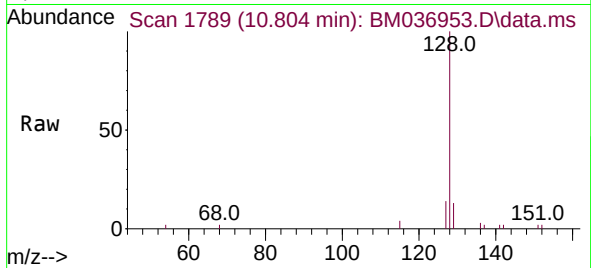
Quant Time: Oct 12 01:27:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

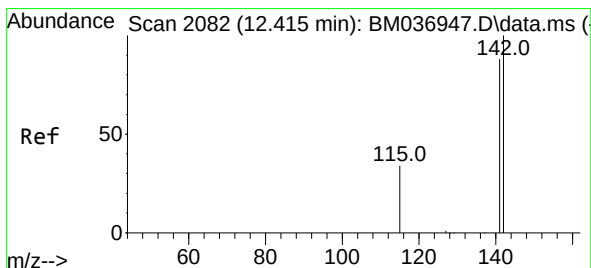
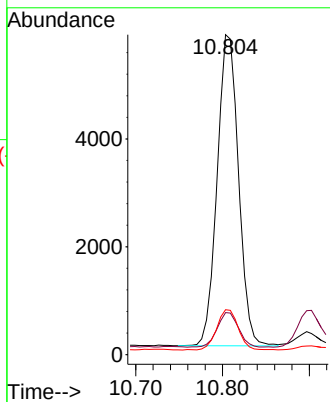
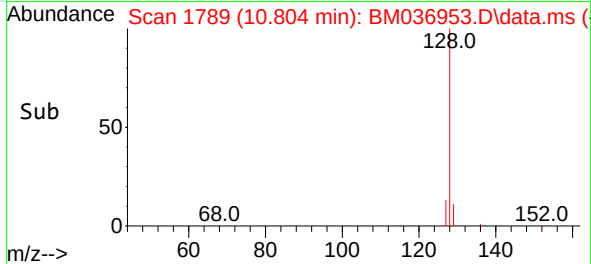
Instrument :
BNA_M
ClientSampleId :
C0BF4



Tgt Ion:128 Resp: 9863
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 14.0 11.7 17.5

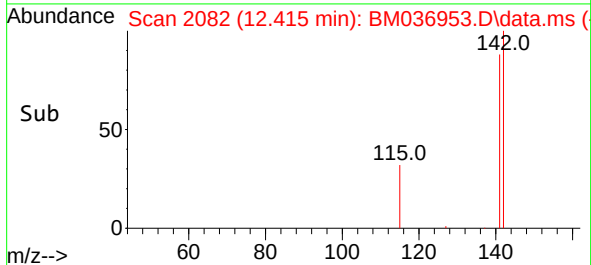
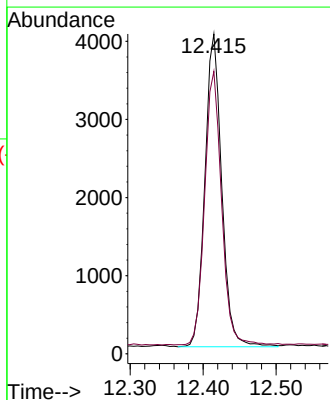
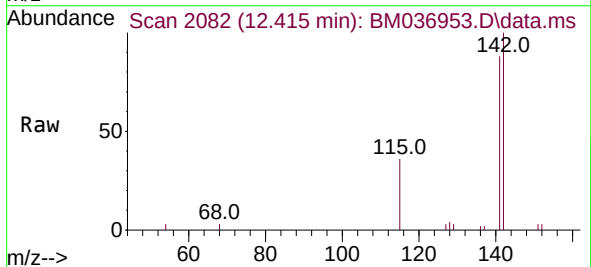
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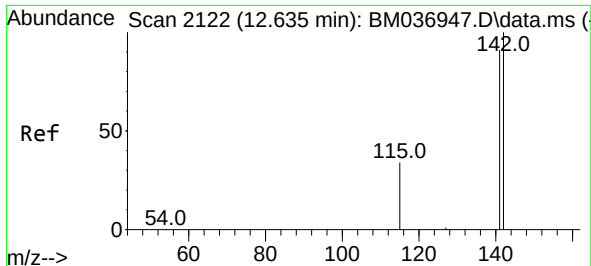
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

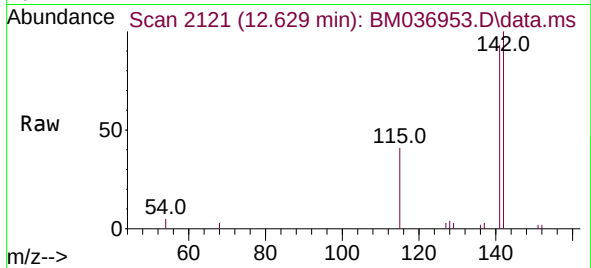
Tgt Ion:142 Resp: 6418
Ion Ratio Lower Upper
142 100
141 87.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

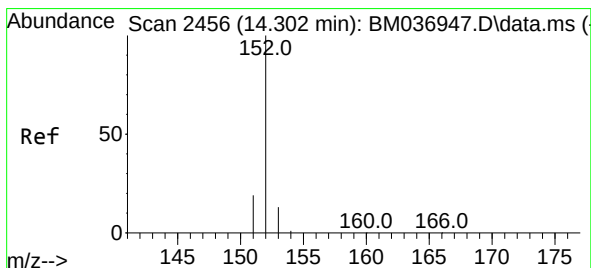
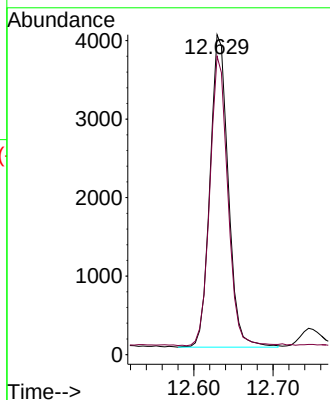
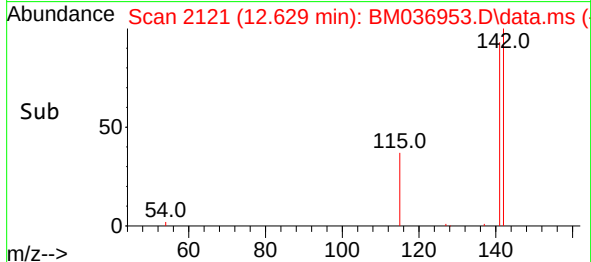
Instrument :
BNA_M
ClientSampleId :
C0BF4



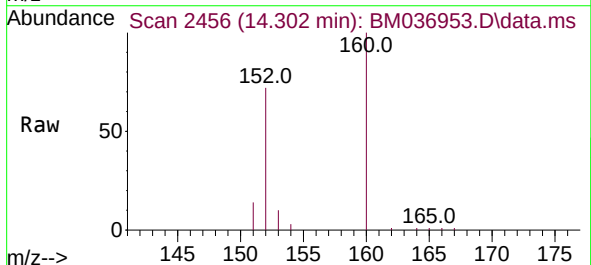
Tgt Ion:142 Resp: 6348
Ion Ratio Lower Upper
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141 91.2 74.1 111.1

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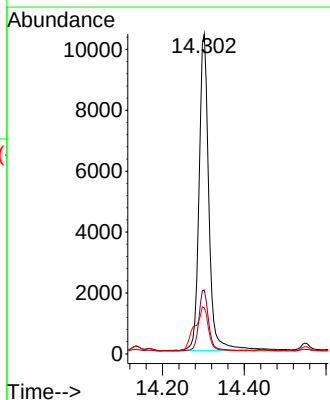
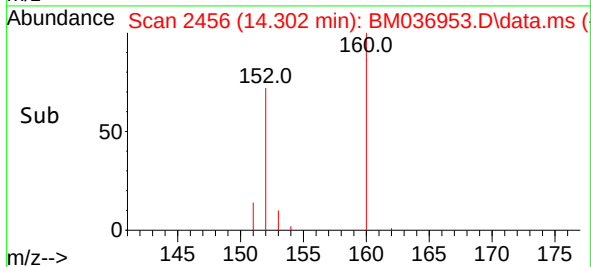
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

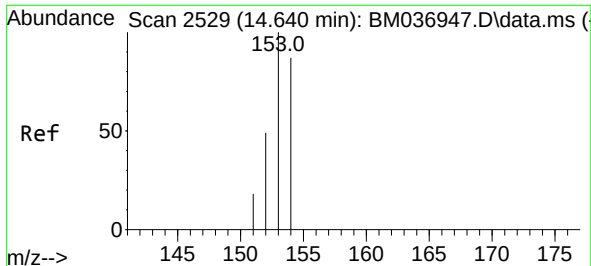


#10
Acenaphthylene
Concen: 0.255 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06



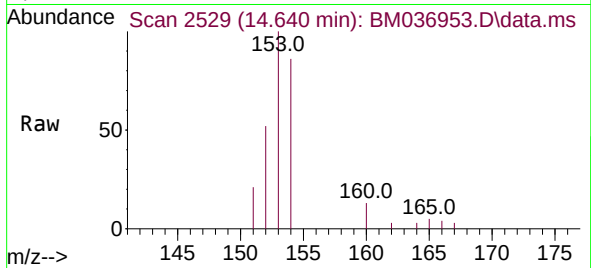
Tgt Ion:152 Resp: 17235
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 14.4 11.4 17.0





#11
Acenaphthene
Concen: 0.069 ng/u1
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

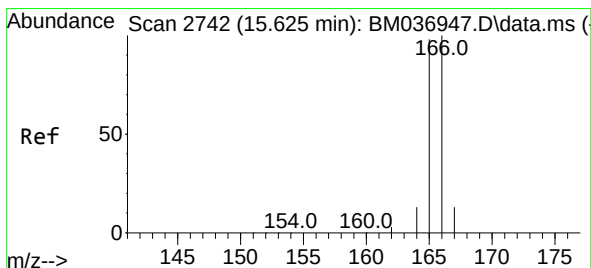
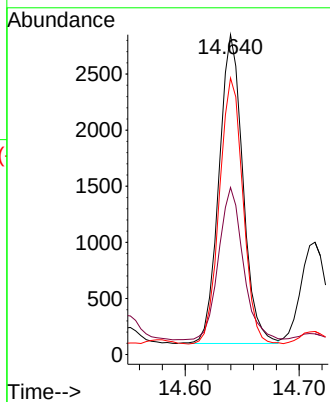
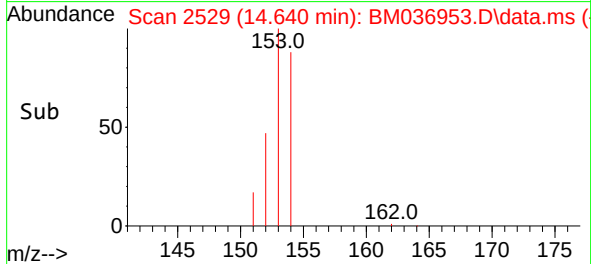
Instrument :
BNA_M
ClientSampleId :
C0BF4



Tgt Ion:153 Resp: 4020
Ion Ratio Lower Upper
153 100
152 52.2 40.2 60.4
154 86.4 69.7 104.5

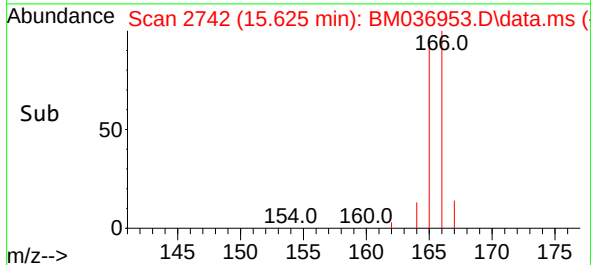
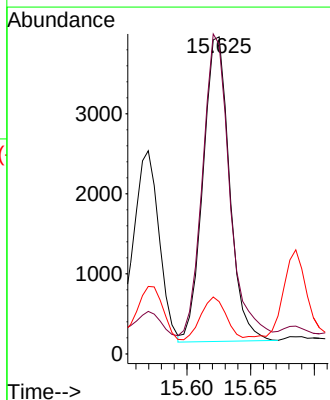
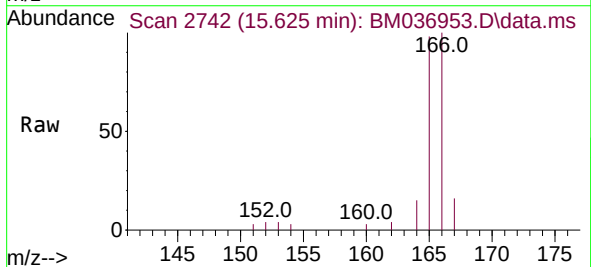
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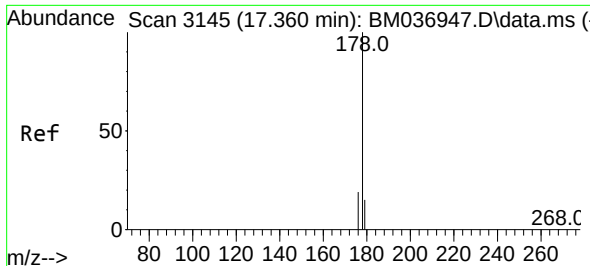
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.083 ng/u1
RT: 15.625 min Scan# 2742
Delta R.T. 0.005 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

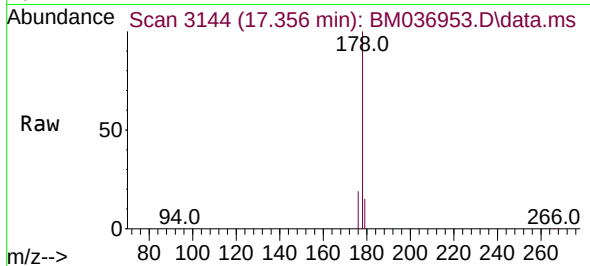
Tgt Ion:166 Resp: 5511
Ion Ratio Lower Upper
166 100
165 97.6 78.9 118.3
167 16.5 11.3 16.9





#15
Phenanthrene
Concen: 1.439 ng/ul
RT: 17.356 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

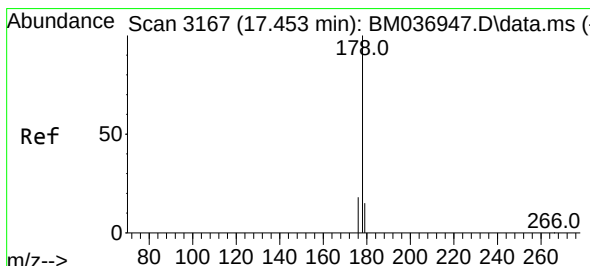
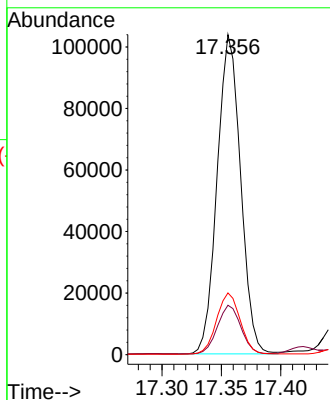
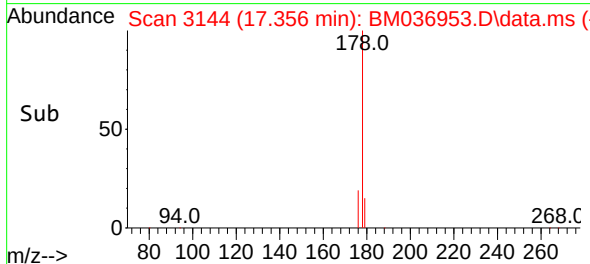
Instrument :
BNA_M
ClientSampleId :
C0BF4



Tgt Ion:178 Resp: 142558
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 15.6 23.4

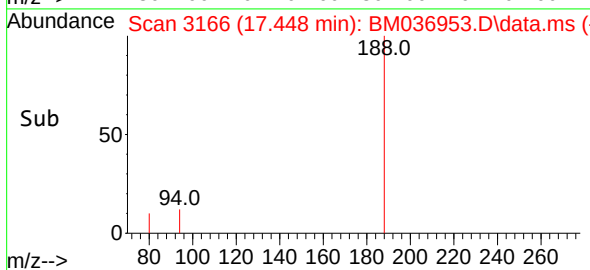
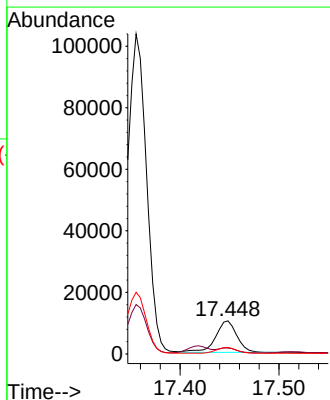
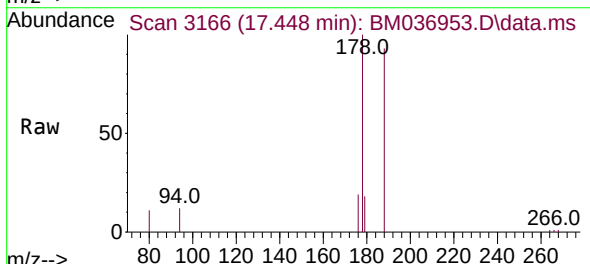
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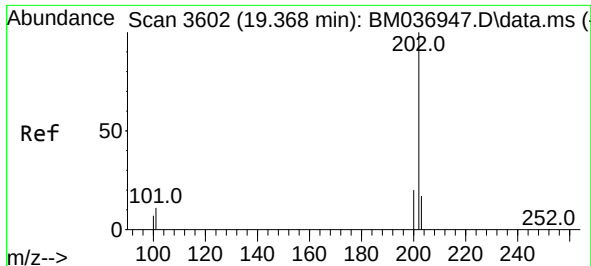
Reviewed By :Jagrut Upadhyay 10/12/2022
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#16
Anthracene
Concen: 0.186 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

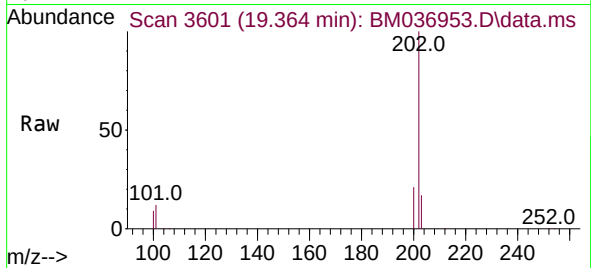
Tgt Ion:178 Resp: 15404
Ion Ratio Lower Upper
178 100
179 17.6 13.6 20.4
176 19.4 15.6 23.4





#19
Fluoranthene
Concen: 3.018 ng/u1
RT: 19.364 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

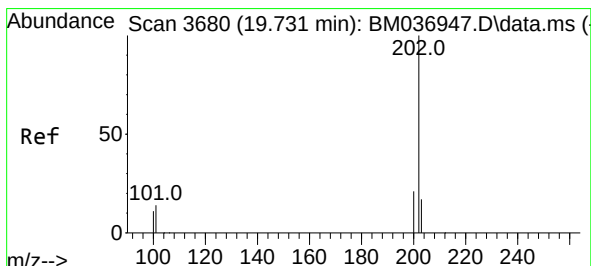
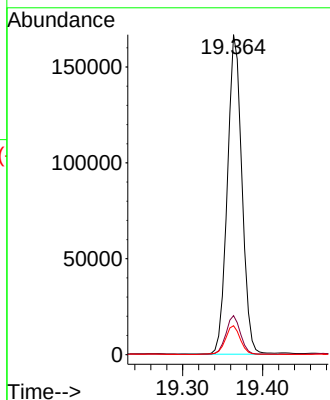
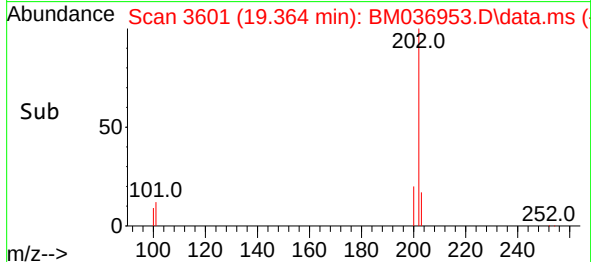
Instrument :
BNA_M
ClientSampleId :
C0BF4



Tgt Ion:202 Resp: 210678
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.1 7.9 11.9

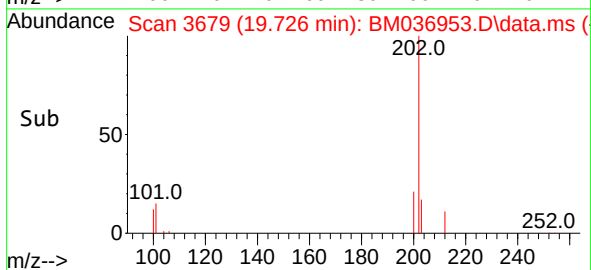
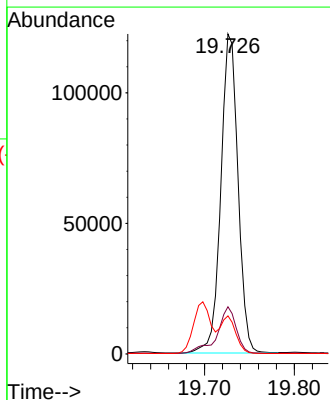
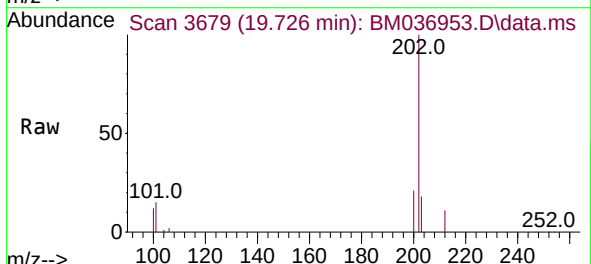
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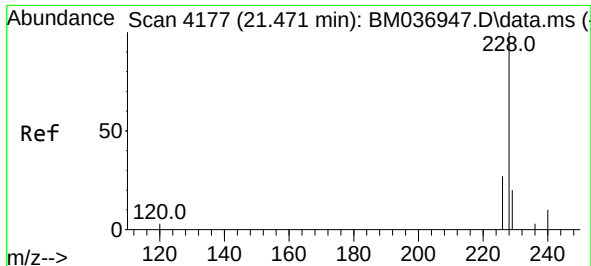
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 2.232 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

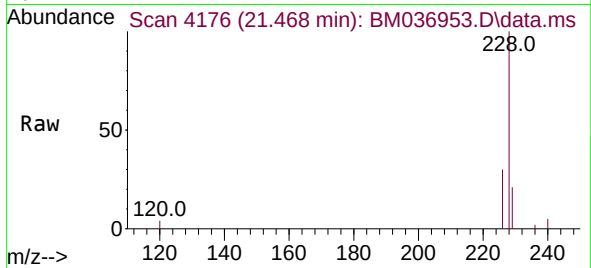
Tgt Ion:202 Resp: 162490
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.780 ng/ul
RT: 21.468 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

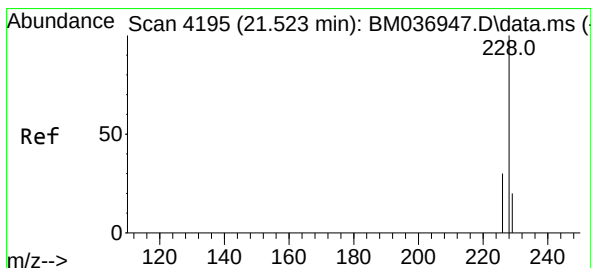
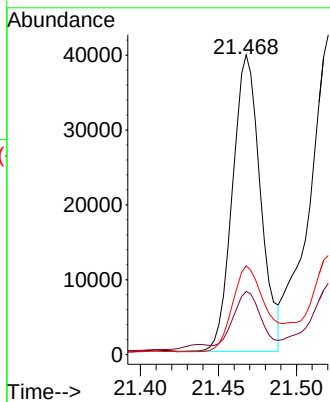
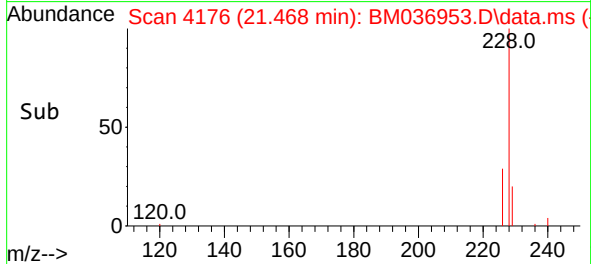
Instrument :
BNA_M
ClientSampleId :
C0BF4



Tgt Ion:228 Resp: 49472
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 29.6 22.5 33.7

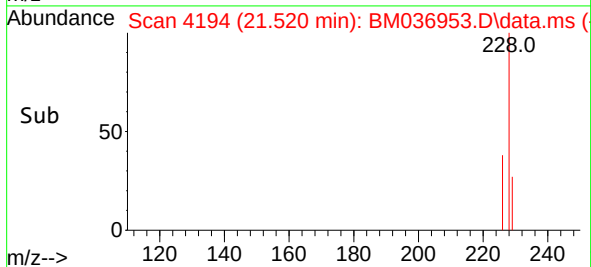
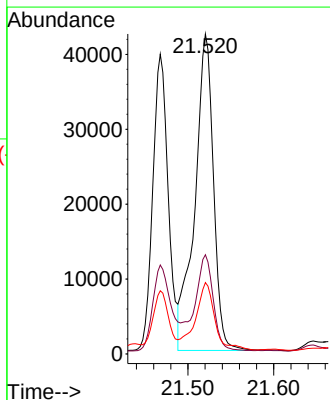
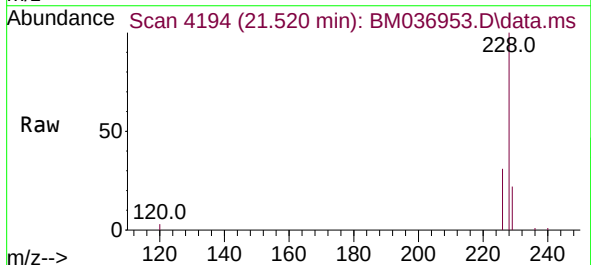
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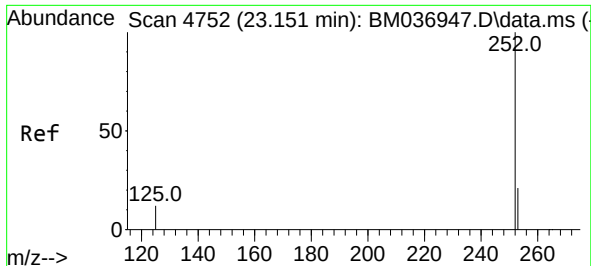
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.938 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

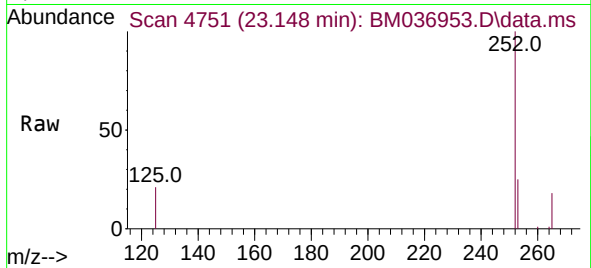
Tgt Ion:228 Resp: 63844
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.181 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

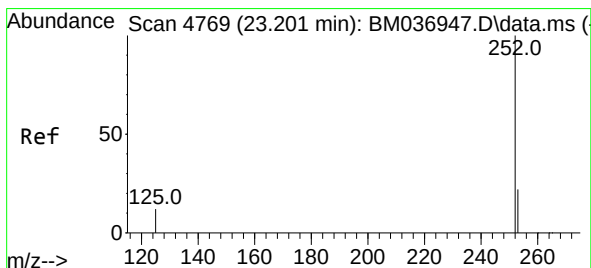
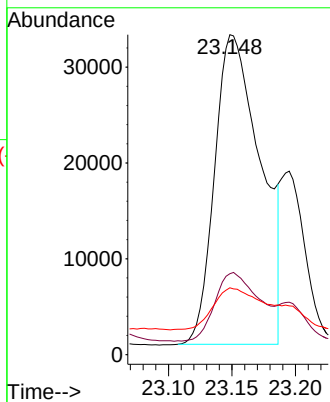
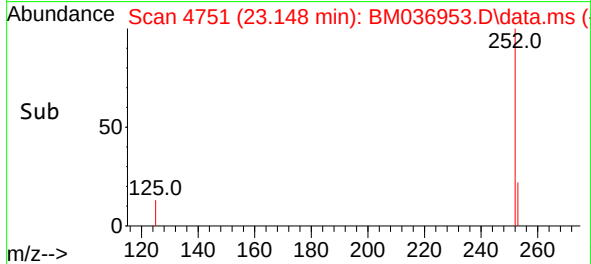
Instrument :
BNA_M
ClientSampleId :
C0BF4



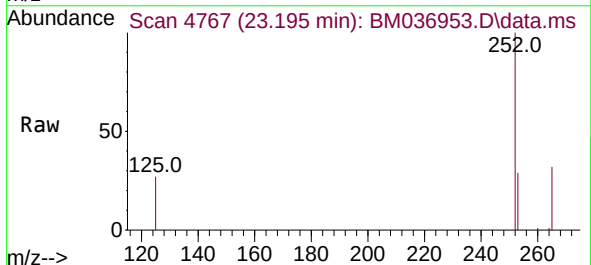
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Ion Ratio Lower Upper
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253 25.3 0.0 61.4
125 20.9 0.0 42.6

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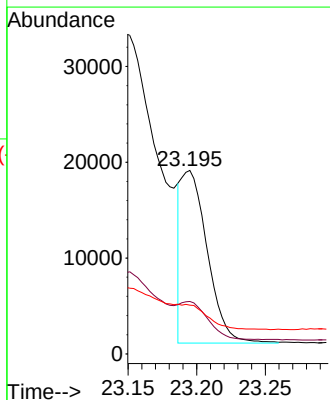
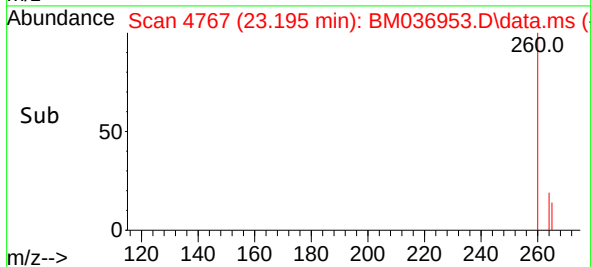
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

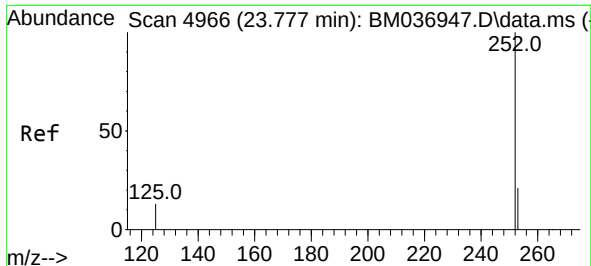


#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06



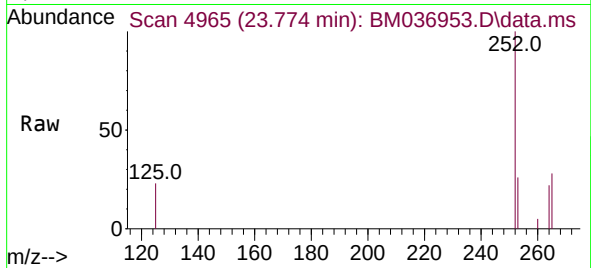
Tgt Ion:252 Resp: 23885
Ion Ratio Lower Upper
252 100
253 28.6 25.2 37.8
125 26.6 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.865 ng/ul
RT: 23.774 min Scan# 4966
Delta R.T. 0.003 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

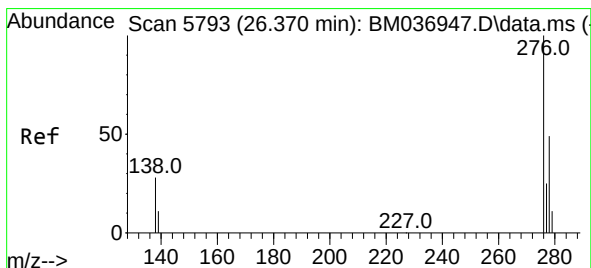
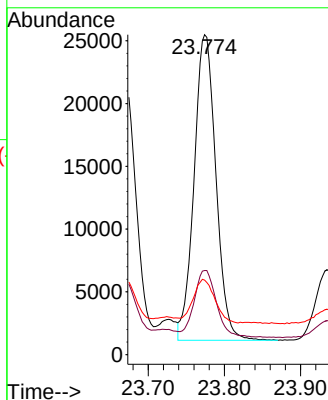
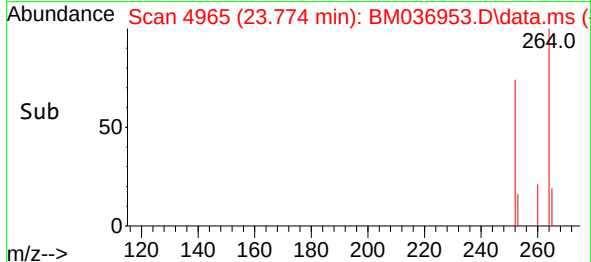
Instrument :
BNA_M
ClientSampleId :
C0BF4



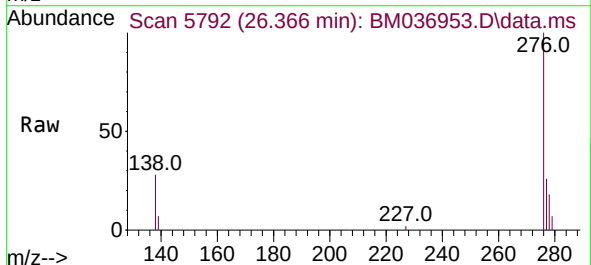
Tgt Ion:252 Resp: 4838
Ion Ratio Lower Upper
252 100
253 26.3 29.7 44.5
125 23.3 23.6 35.4

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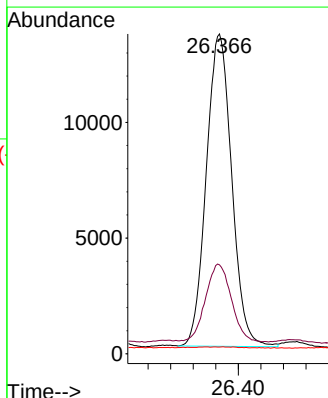
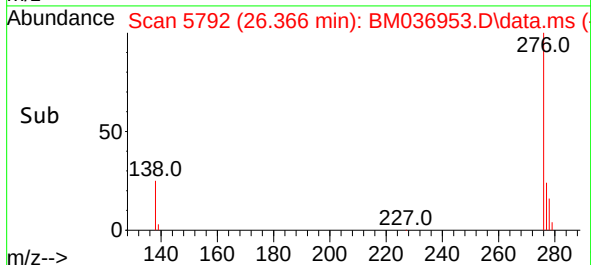
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

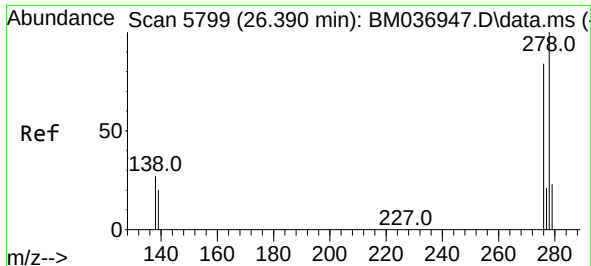


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.533 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.003 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06



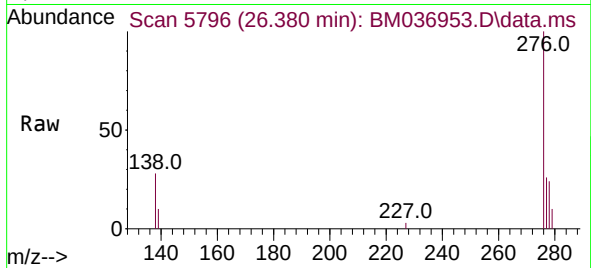
Tgt Ion:276 Resp: 42225
Ion Ratio Lower Upper
276 100
138 25.9 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 26.380 min Scan# 5799
Delta R.T. 0.000 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

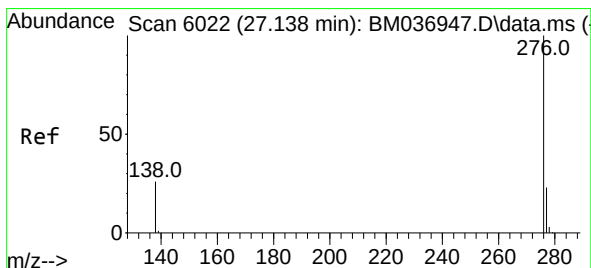
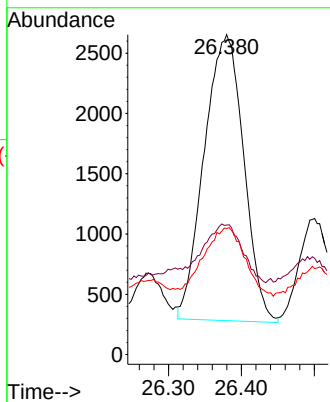
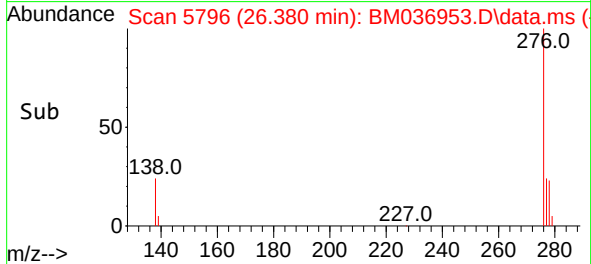
Instrument :
BNA_M
ClientSampleId :
C0BF4



Tgt Ion:278 Resp: 8925
Ion Ratio Lower Upper
278 100
139 40.5 19.8 29.6
279 39.4 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: 0.560 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.003 min
Lab File: BM036953.D
Acq: 11 Oct 2022 20:06

Tgt Ion:276 Resp: 39095
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.0
277 25.5 21.0 31.4

