

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036925.D
 Acq On : 11 Oct 2022 02:06
 Operator : CG/JU
 Sample : N4991-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 03:06:50 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	29228	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	16208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	33530	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	22773	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	18580	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	40458	3.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	11949	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	25609	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	39108	0.468	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	27920	0.546	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	22291	0.429	ng/ul	99
10) Acenaphthylene	14.302	152	4627	0.069	ng/ul#	85
11) Acenaphthene	14.640	153	2684	0.046	ng/ul#	60
12) Fluorene	15.621	166	2817	0.043	ng/ul#	89
15) Phenanthrene	17.356	178	67979	0.635	ng/ul	99
16) Anthracene	17.448	178	11575	0.129	ng/ul	97
19) Fluoranthene	19.364	202	135385	1.495	ng/ul	99
20) Pyrene	19.726	202	115502m	1.223	ng/ul	
21) Benzo(a)anthracene	21.465	228	59395	0.722	ng/ul	99
22) Chrysene	21.517	228	64027	0.725	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	78462	0.945	ng/ul	92
25) Benzo(k)fluoranthene	23.192	252	29157m	0.360	ng/ul	
26) Benzo(a)pyrene	23.771	252	50934	0.756	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.360	276	34787	0.365	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.373	278	8366	0.109	ng/ul#	69
29) Benzo(g,h,i)perylene	27.128	276	33418	0.398	ng/ul	97

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

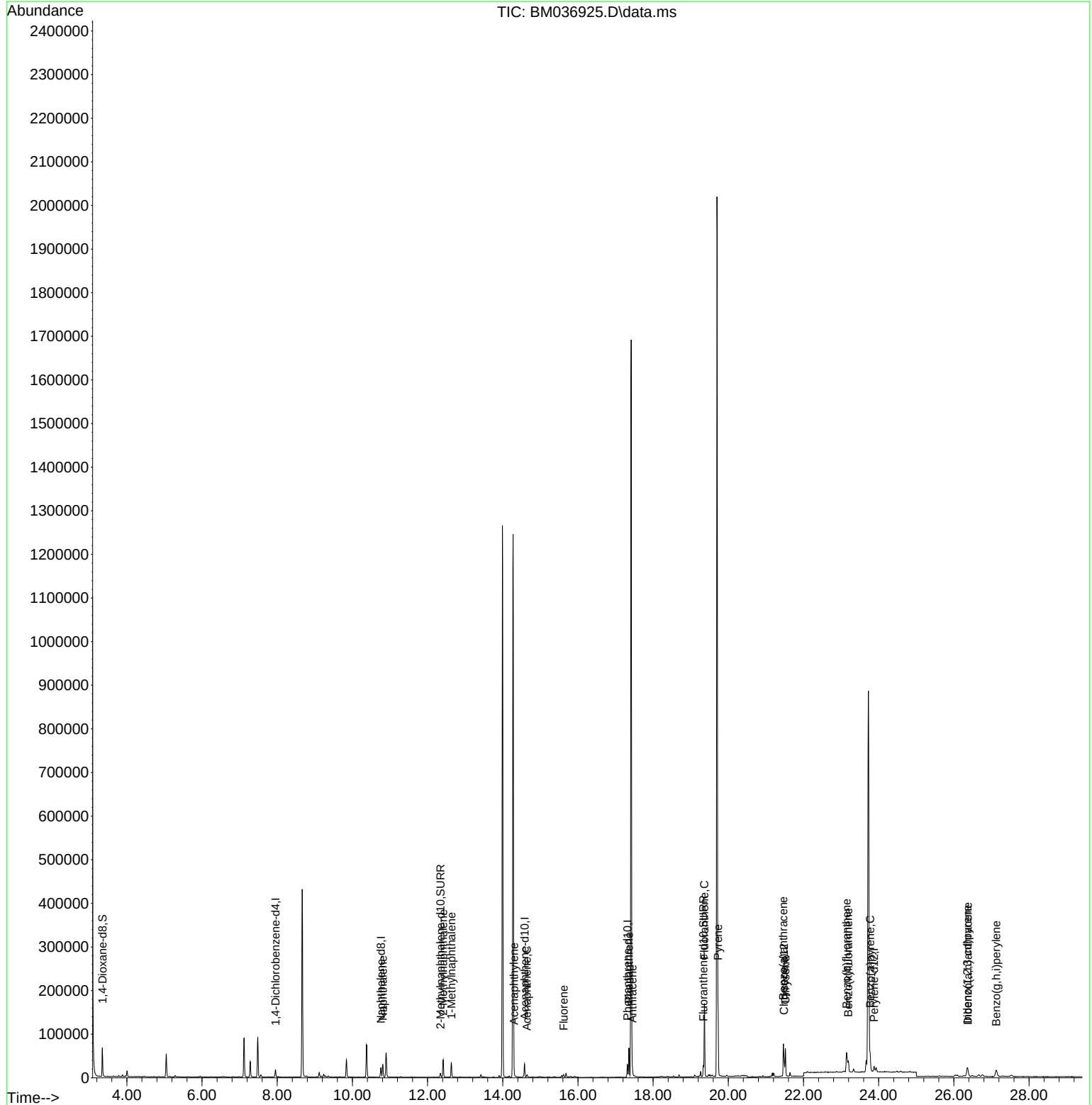
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036925.D
Acq On : 11 Oct 2022 02:06
Operator : CG/JU
Sample : N4991-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

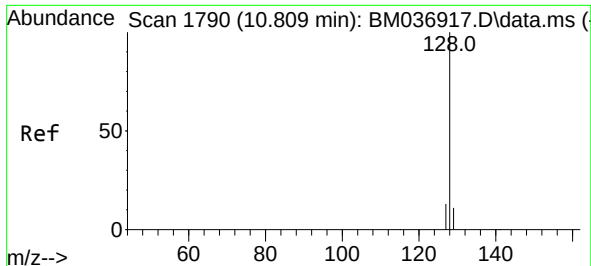
Instrument :
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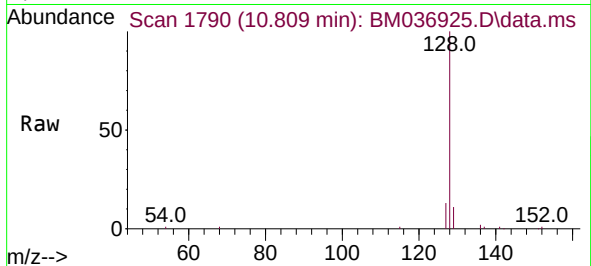
Quant Time: Oct 11 03:06:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.468 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

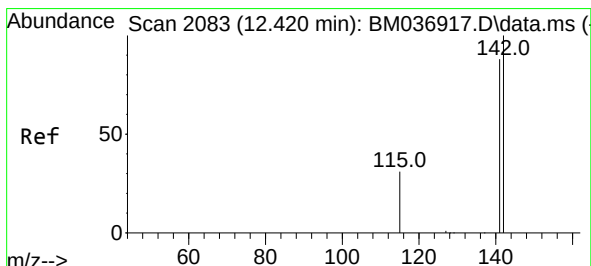
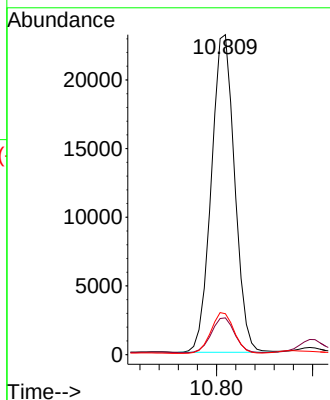
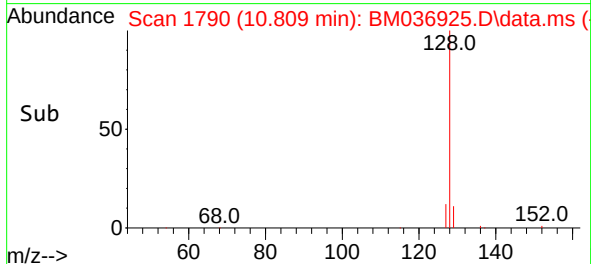
Instrument :
BNA_M
ClientSampleId :
C0BF3



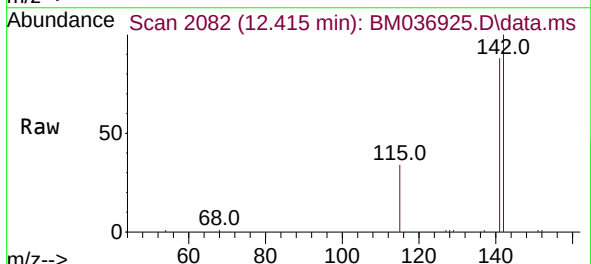
Tgt Ion:128 Resp: 39108
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 12.8 11.7 17.5

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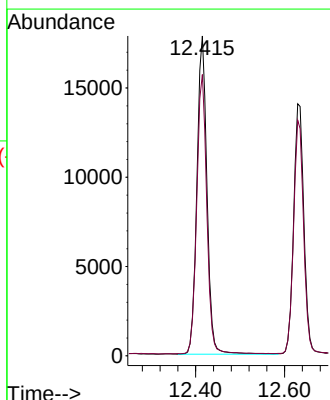
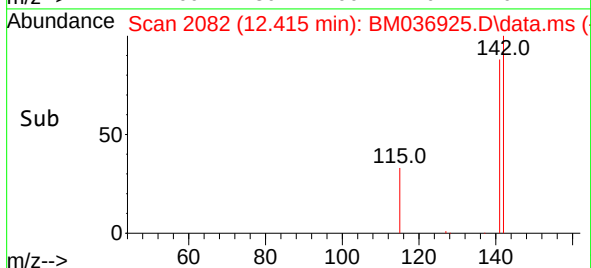
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

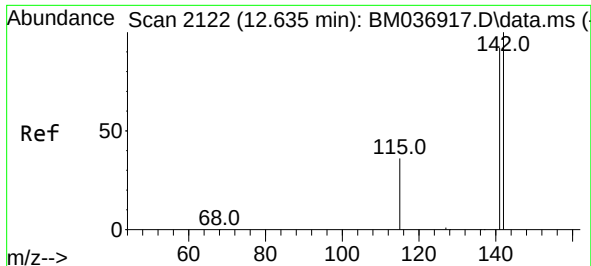


#7
2-Methylnaphthalene
Concen: 0.546 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06



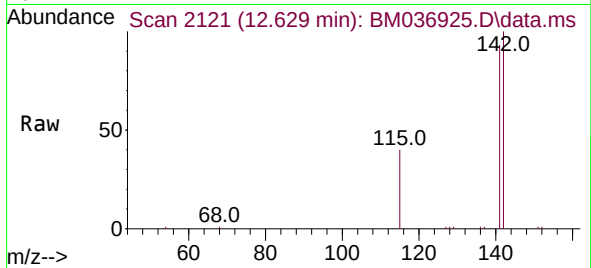
Tgt Ion:142 Resp: 27920
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

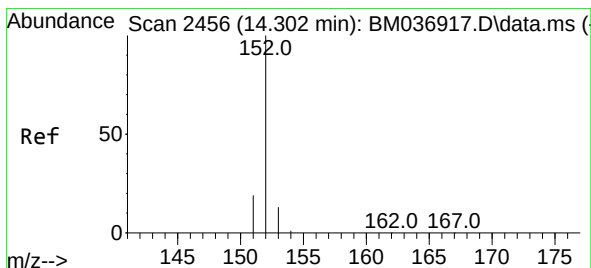
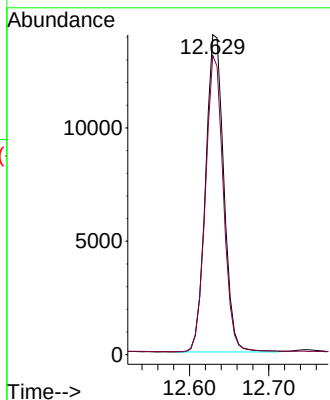
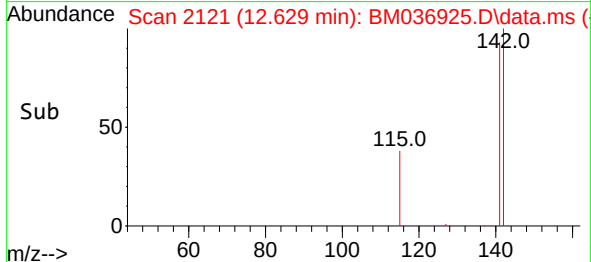
Instrument :
BNA_M
ClientSampleId :
C0BF3



Tgt Ion:142 Resp: 2229
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

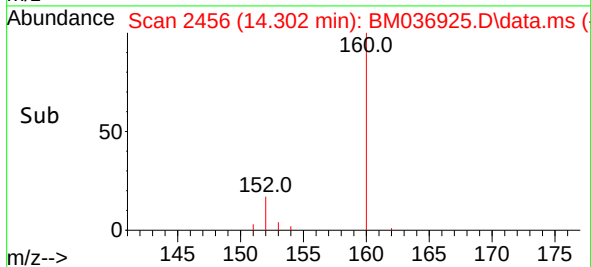
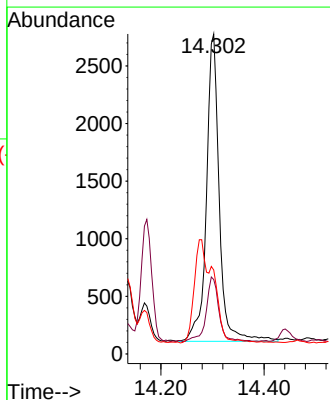
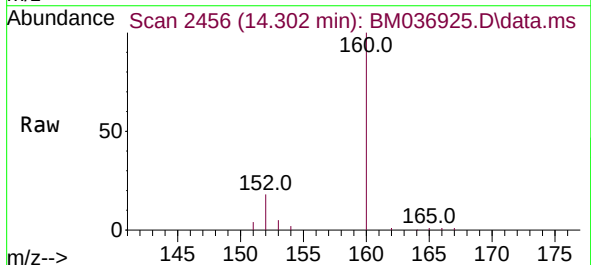
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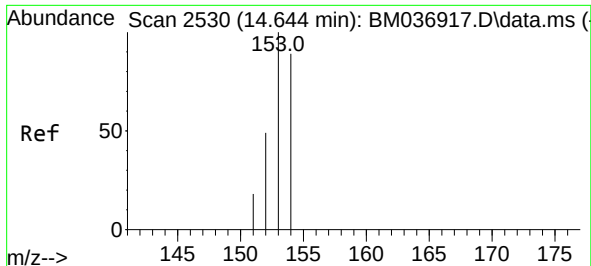
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

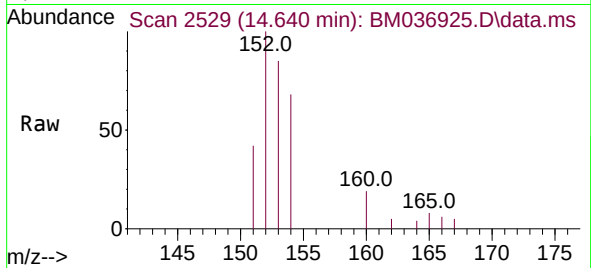
Tgt Ion:152 Resp: 4627
Ion Ratio Lower Upper
152 100
151 23.2 16.6 24.8
153 26.2 11.4 17.0#





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.640 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

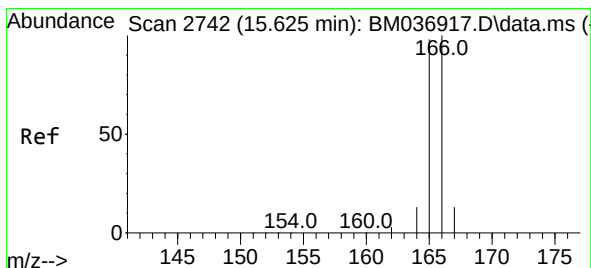
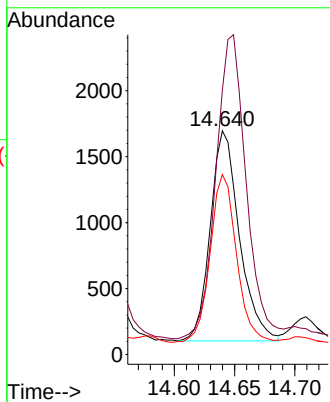
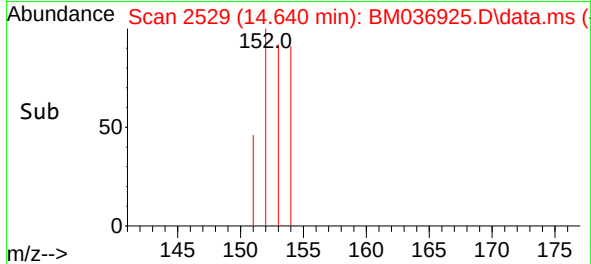
Instrument :
BNA_M
ClientSampleId :
C0BF3



Tgt Ion:153 Resp: 2684
Ion Ratio Lower Upper
153 100
152 118.2 40.2 60.4#
154 80.5 69.7 104.5

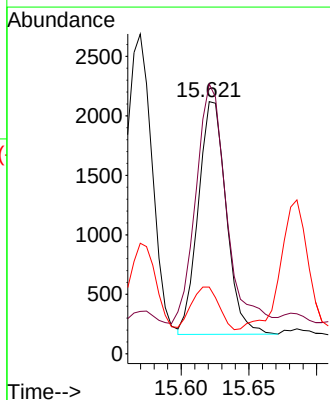
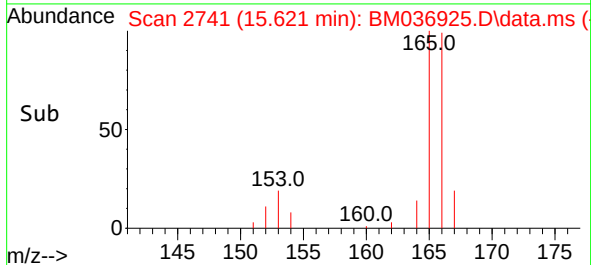
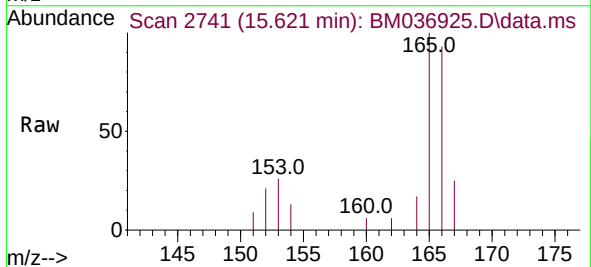
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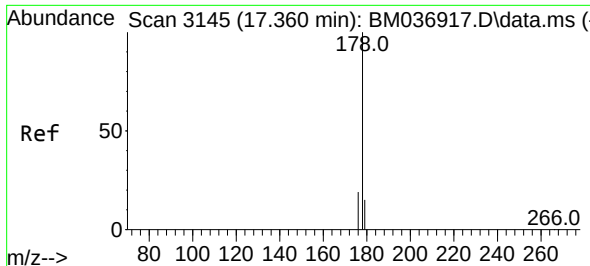
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.043 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. -0.010 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

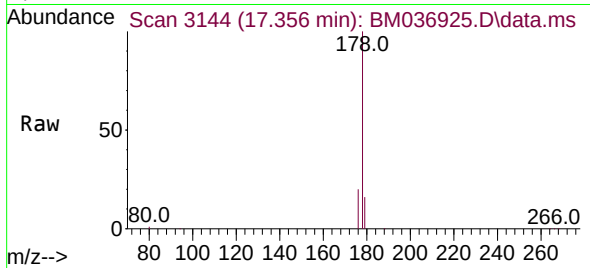
Tgt Ion:166 Resp: 2817
Ion Ratio Lower Upper
166 100
165 107.0 78.9 118.3
167 26.5 11.3 16.9#





#15
Phenanthrene
Concen: 0.635 ng/ul
RT: 17.356 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

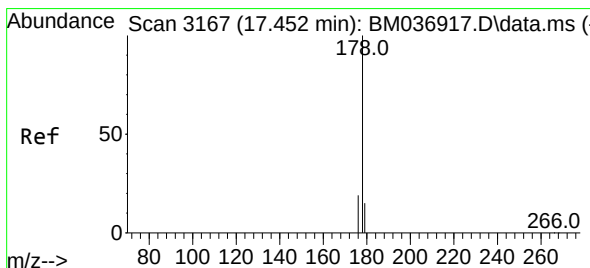
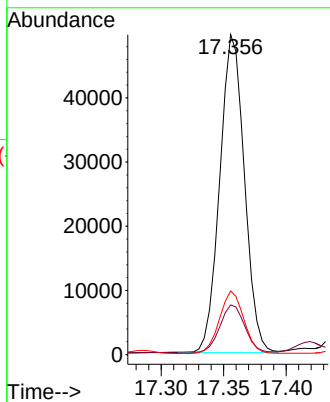
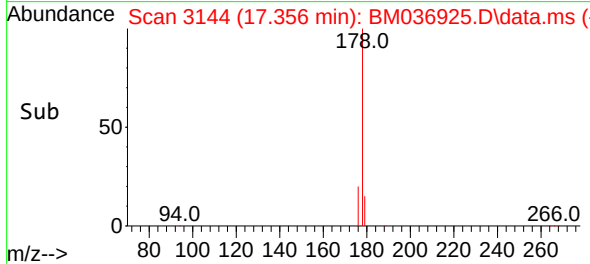
Instrument :
BNA_M
ClientSampleId :
C0BF3



Tgt Ion:178 Resp: 67979
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.9 15.6 23.4

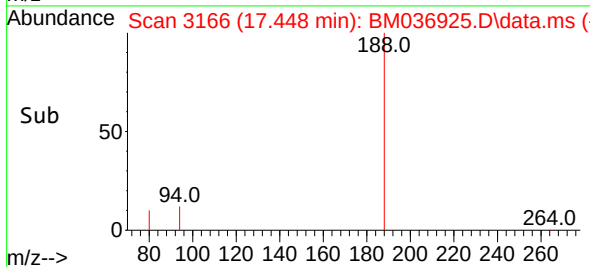
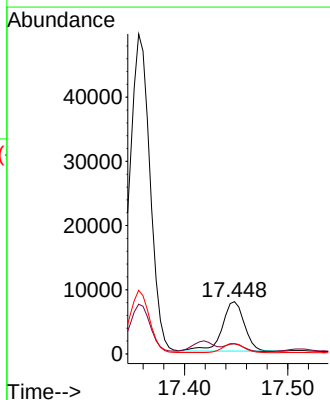
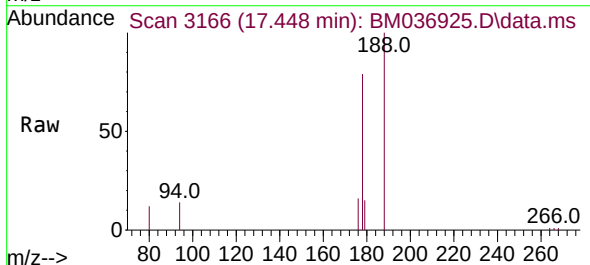
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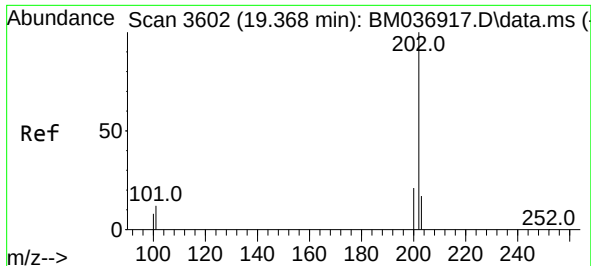
Reviewed By :Jagrut Upadhyay 10/11/2022
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#16
Anthracene
Concen: 0.129 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.005 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

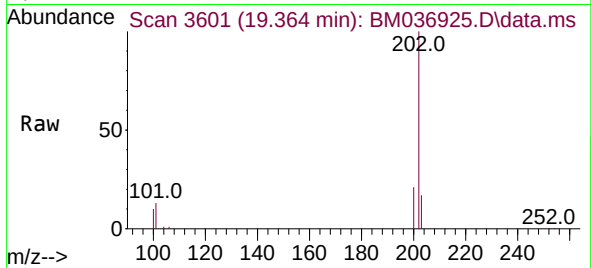
Tgt Ion:178 Resp: 11575
Ion Ratio Lower Upper
178 100
179 19.1 13.6 20.4
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 1.495 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. -0.010 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

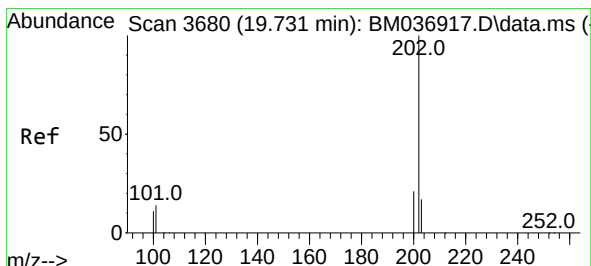
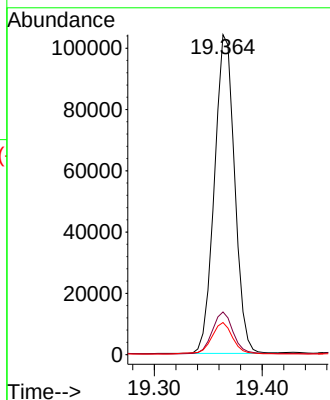
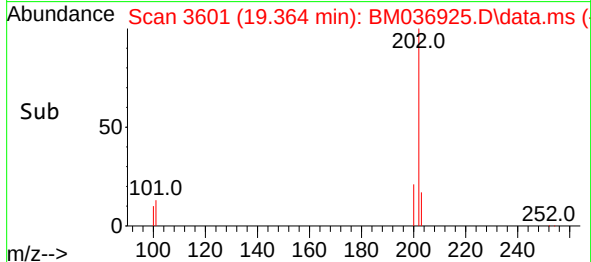
Instrument :
BNA_M
ClientSampleId :
C0BF3



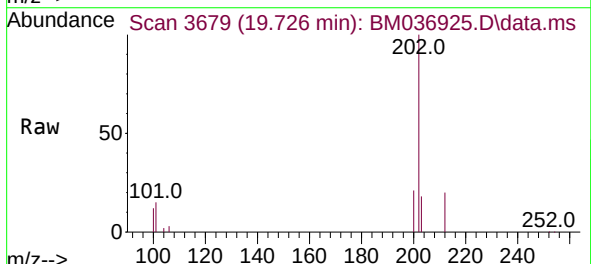
Tgt Ion:202 Resp: 135385
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 10.0 7.9 11.9

Manual Integrations
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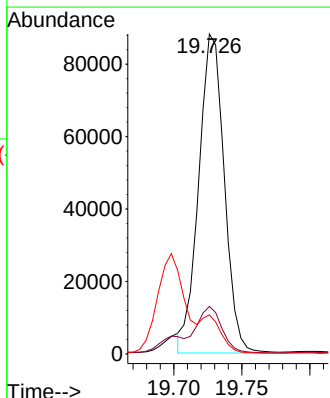
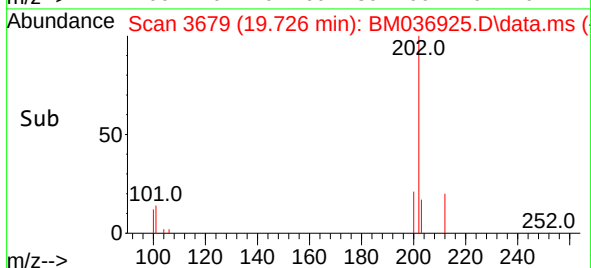
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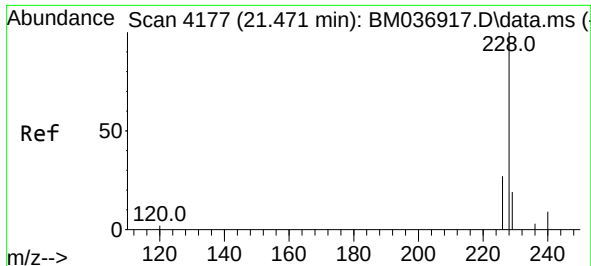


#20
Pyrene
Concen: 1.223 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. -0.005 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06



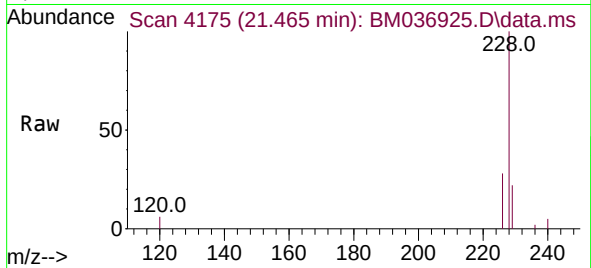
Tgt Ion:202 Resp: 115502
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.722 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.008 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

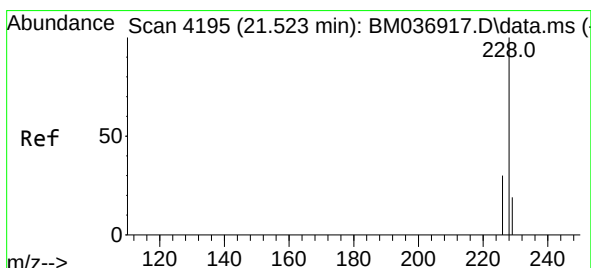
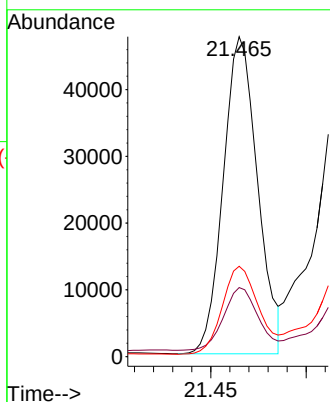
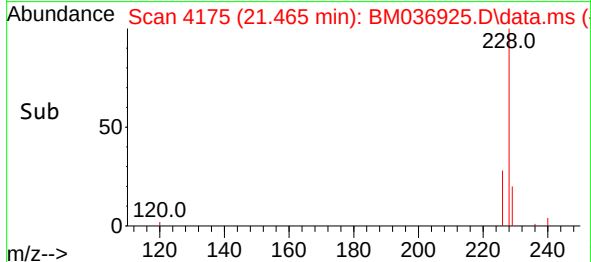
Instrument :
BNA_M
ClientSampleId :
C0BF3



Tgt Ion:228 Resp: 59395
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 28.2 22.5 33.7

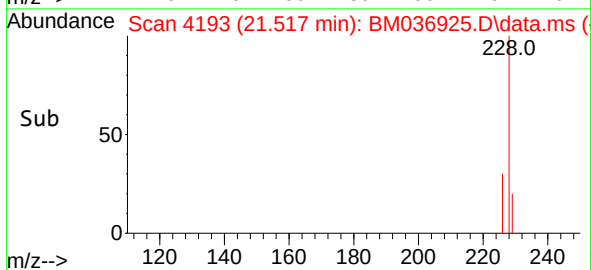
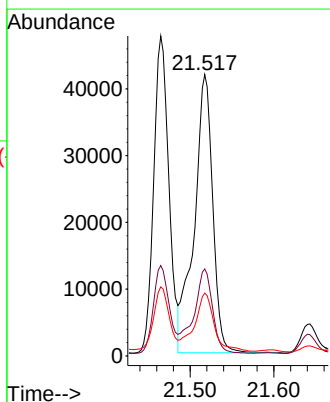
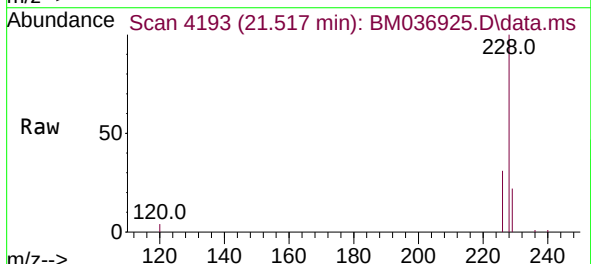
Manual Integrations
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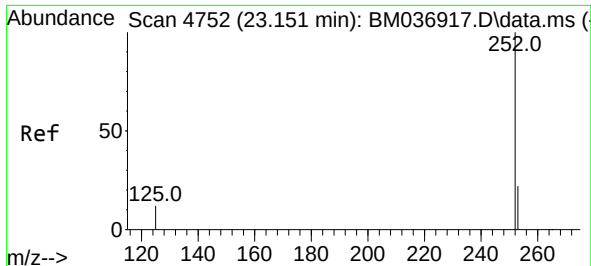
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.725 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.008 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

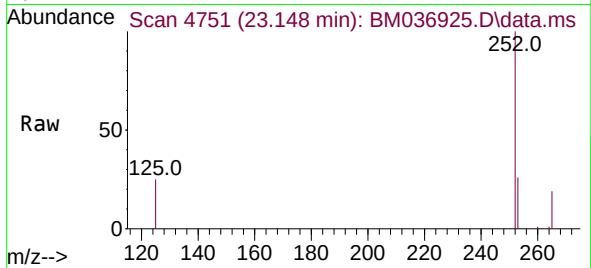
Tgt Ion:228 Resp: 64027
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.945 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. -0.008 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

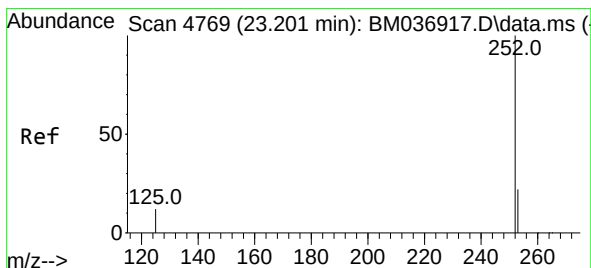
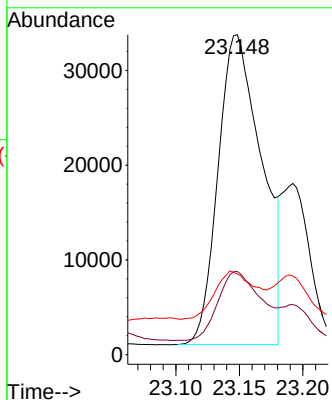
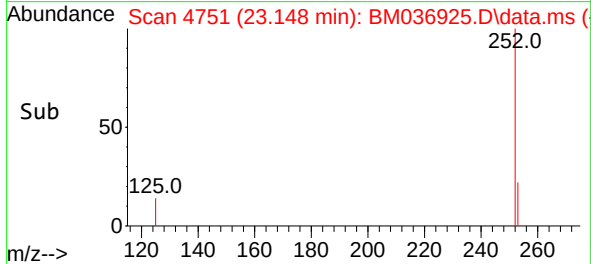
Instrument :
BNA_M
ClientSampleId :
C0BF3



Tgt Ion:252 Resp: 78462
Ion Ratio Lower Upper
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253 26.0 0.0 61.4
125 25.2 0.0 42.6

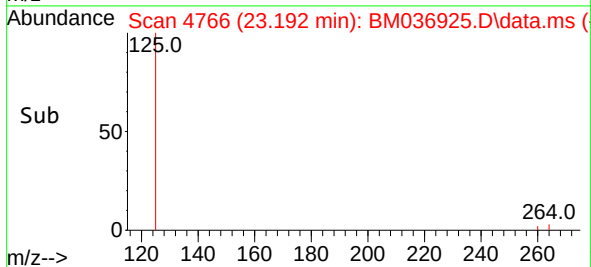
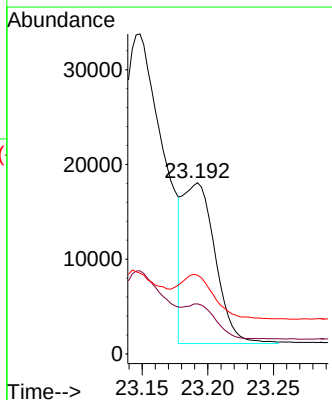
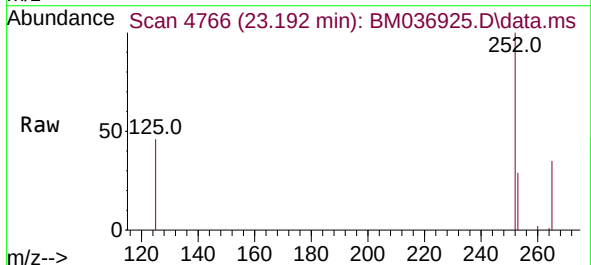
Manual Integrations
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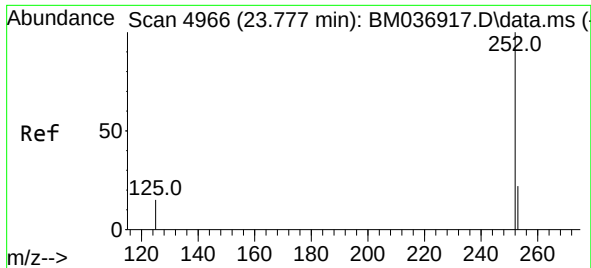
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul m
RT: 23.192 min Scan# 4766
Delta R.T. -0.011 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

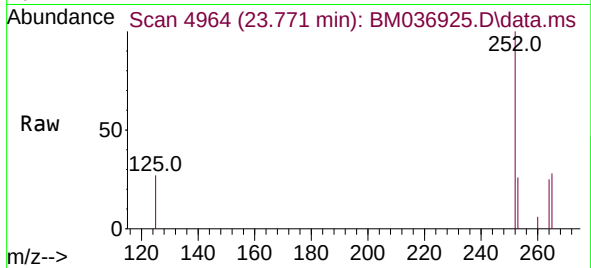
Tgt Ion:252 Resp: 29157
Ion Ratio Lower Upper
252 100
253 29.2 25.2 37.8
125 46.0 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.756 ng/ul
RT: 23.771 min Scan# 4966
Delta R.T. -0.011 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

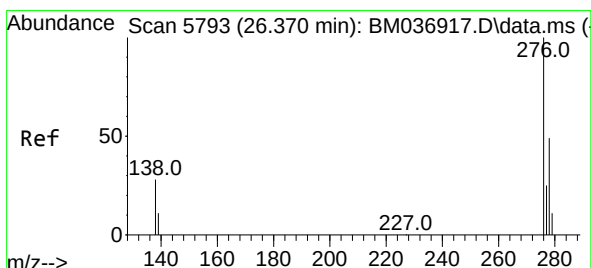
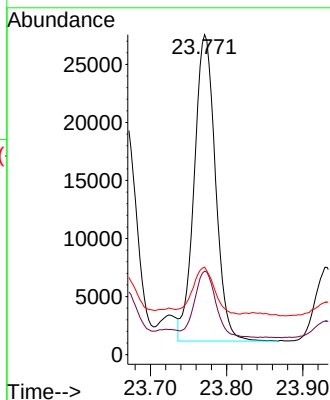
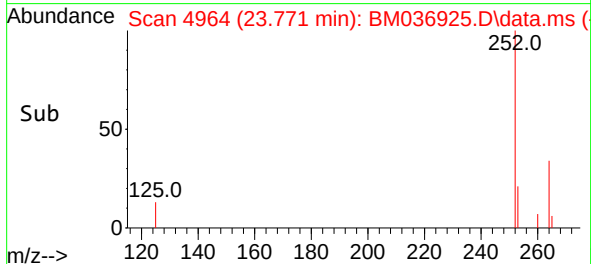
Instrument :
BNA_M
ClientSampleId :
C0BF3



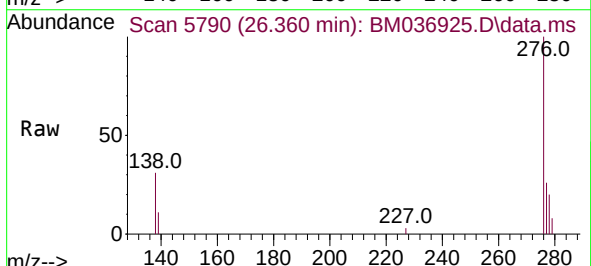
Tgt Ion:252 Resp: 50934
Ion Ratio Lower Upper
252 100
253 26.1 29.7 44.5
125 27.3 23.6 35.4

Manual Integrations
APPROVED

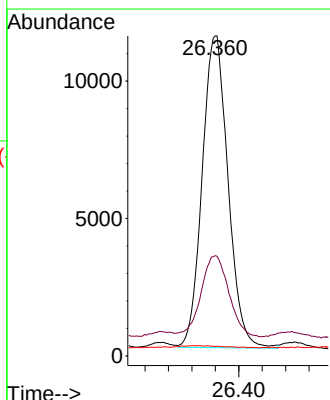
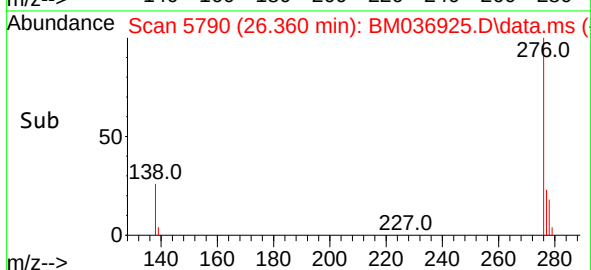
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

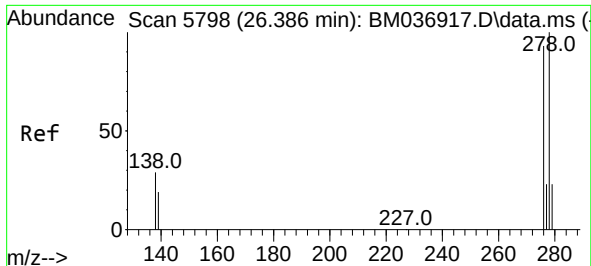


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.023 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06



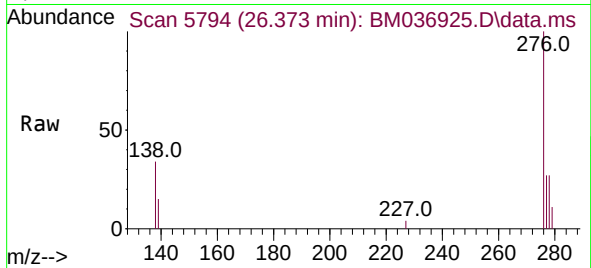
Tgt Ion:276 Resp: 34787
Ion Ratio Lower Upper
276 100
138 28.4 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.373 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

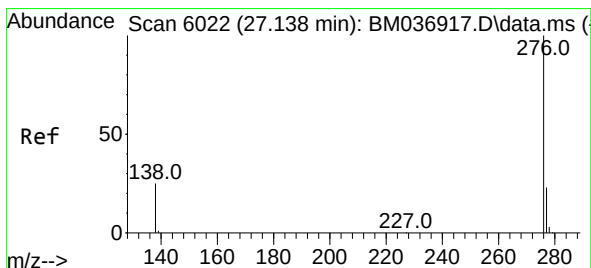
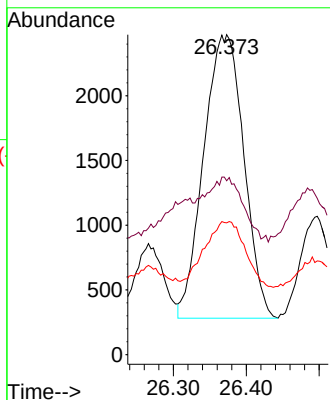
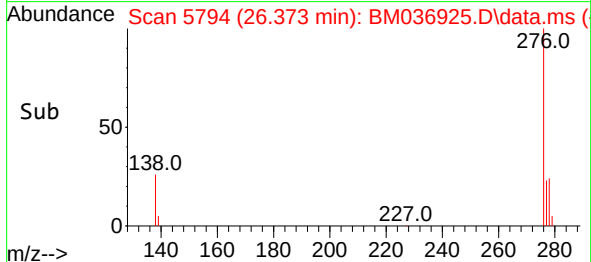
Instrument :
BNA_M
ClientSampleId :
C0BF3



Tgt Ion:278 Resp: 8366
Ion Ratio Lower Upper
278 100
139 54.3 19.8 29.6
279 41.2 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. -0.019 min
Lab File: BM036925.D
Acq: 11 Oct 2022 02:06

Tgt Ion:276 Resp: 33418
Ion Ratio Lower Upper
276 100
138 31.3 23.4 35.0
277 25.7 21.0 31.4

