

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036921.D
 Acq On : 10 Oct 2022 23:46
 Operator : CG/JU
 Sample : N4991-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF2

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:19:01 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	7.955	152	8548	0.400	ng/u1	0.00
4) Naphthalene-d8	10.760	136	30331	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.581	164	16542	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.314	188	32815	0.400	ng/u1	0.00
17) Chrysene-d12	21.484	240	20235	0.400	ng/u1	0.00
23) Perylene-d12	23.881	264	17081	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	48046	3.986	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.343	152	12814	0.280	ng/u1	0.00
18) Fluoranthene-d10	19.337	212	23104	0.382	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	6006	0.069	ng/u1	97
7) 2-Methylnaphthalene	12.415	142	2292	0.043	ng/u1	91
8) 1-Methylnaphthalene	12.635	142	1621	0.030	ng/u1	99
10) Acenaphthylene	14.303	152	5452	0.079	ng/u1	95
15) Phenanthrene	17.356	178	25426	0.243	ng/u1	99
16) Anthracene	17.449	178	4126	0.047	ng/u1#	93
19) Fluoranthene	19.364	202	63073	0.784	ng/u1	99
20) Pyrene	19.727	202	50850m	0.606	ng/u1	
21) Benzo(a)anthracene	21.467	228	16696	0.228	ng/u1	97
22) Chrysene	21.519	228	25745	0.328	ng/u1	98
24) Benzo(b)fluoranthene	23.150	252	28669	0.376	ng/u1	92
25) Benzo(k)fluoranthene	23.194	252	10501m	0.141	ng/u1	
26) Benzo(a)pyrene	23.773	252	15888	0.257	ng/u1#	91
27) Indeno(1,2,3-cd)pyrene	26.359	276	15988	0.182	ng/u1#	92
28) Dibenzo(a,h)anthracene	26.369	278	3351	0.047	ng/u1#	53
29) Benzo(g,h,i)perylene	27.127	276	16040	0.208	ng/u1	97

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

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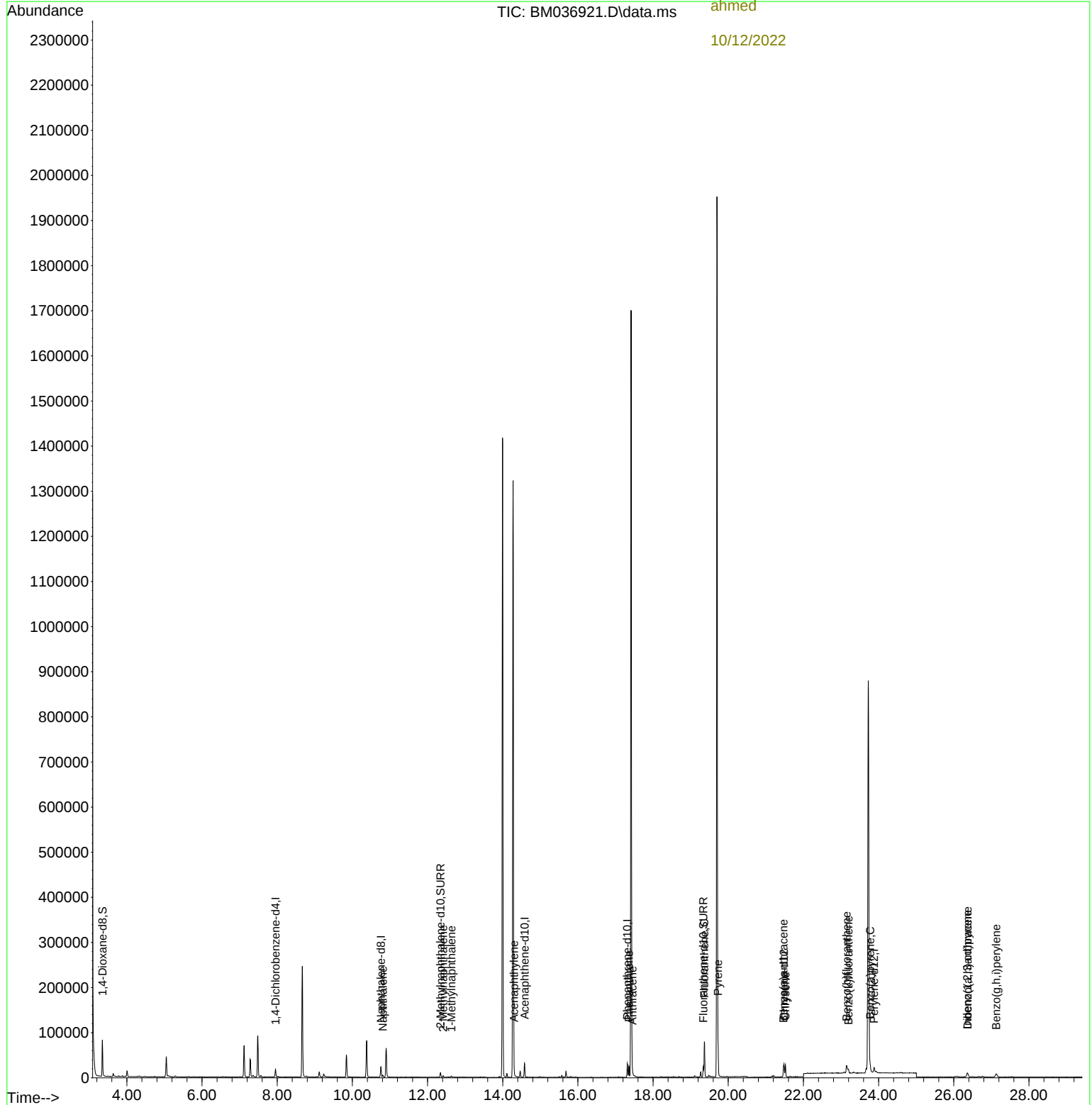
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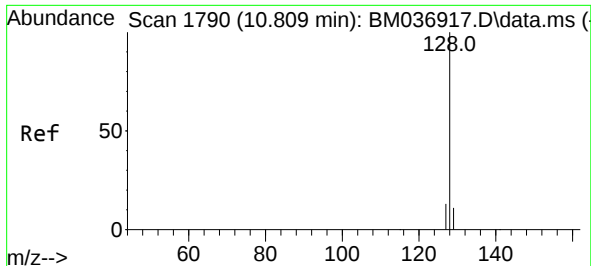
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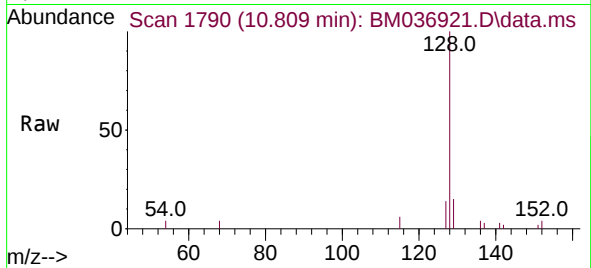
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#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

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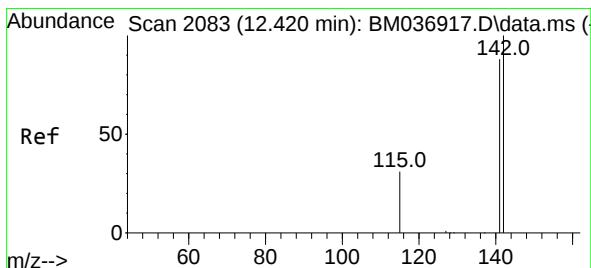
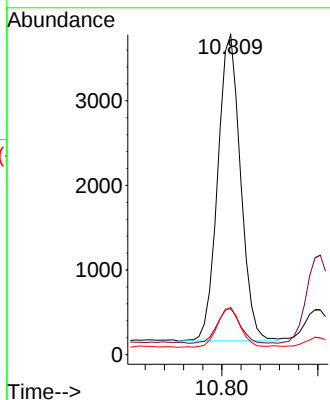
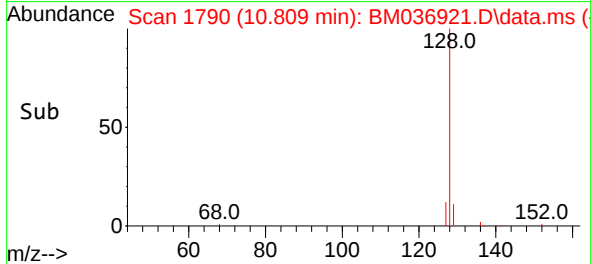
Tgt Ion:128 Resp: 6000
Ion Ratio Lower Upper
128 100
129 14.8 10.2 15.2
127 14.3 11.7 17.5

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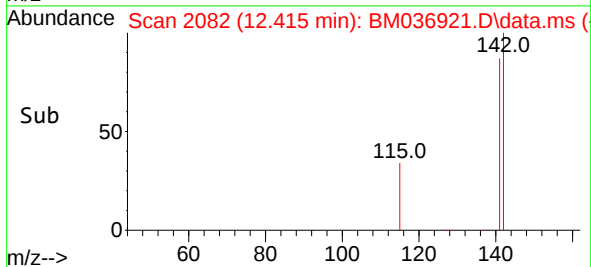
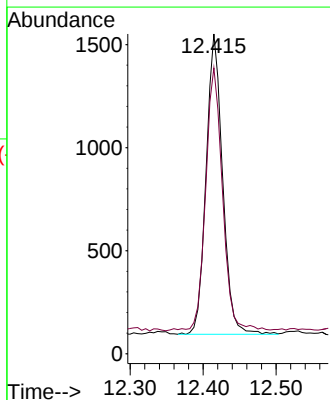
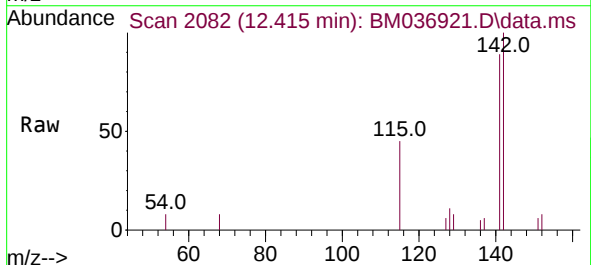
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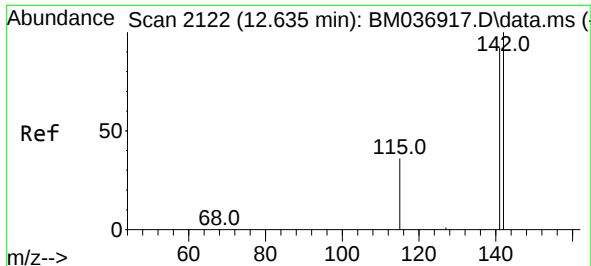
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#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

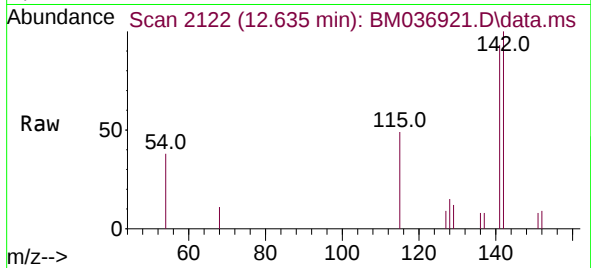
Tgt Ion:142 Resp: 2292
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Instrument :
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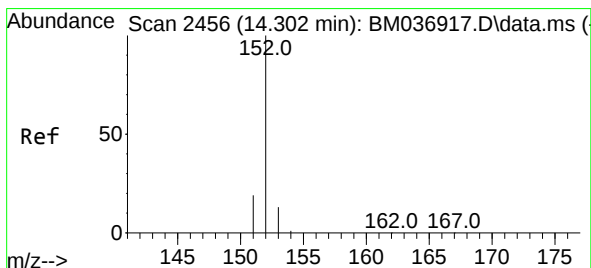
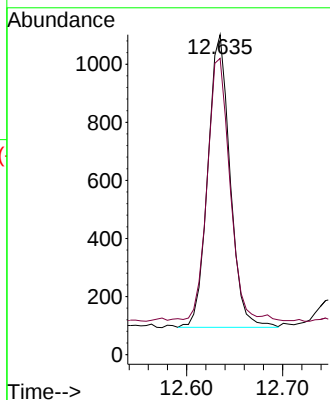
Tgt Ion:142 Resp: 1621
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

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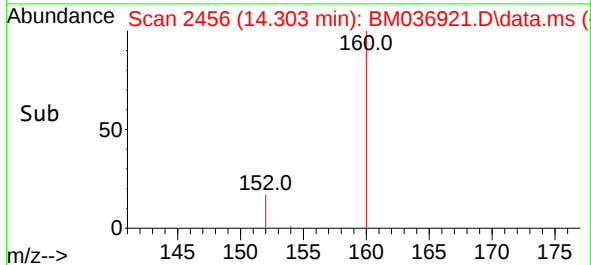
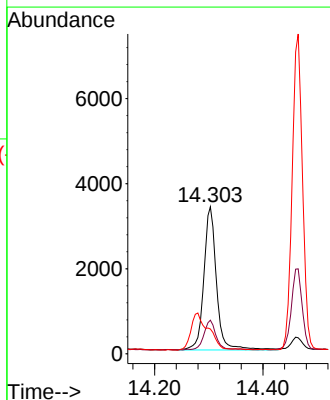
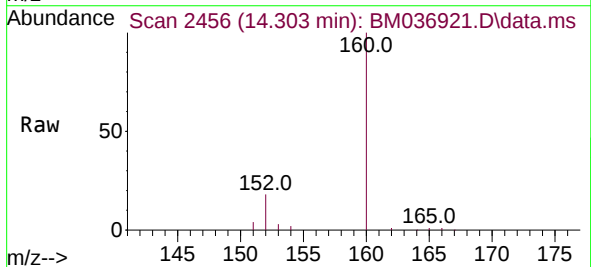
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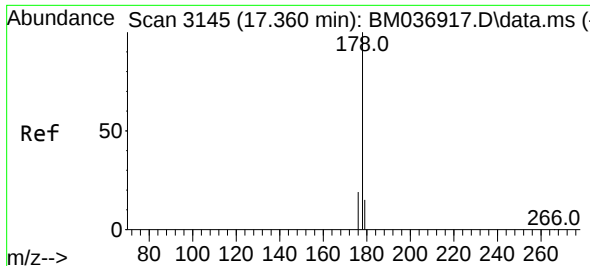
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#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.303 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

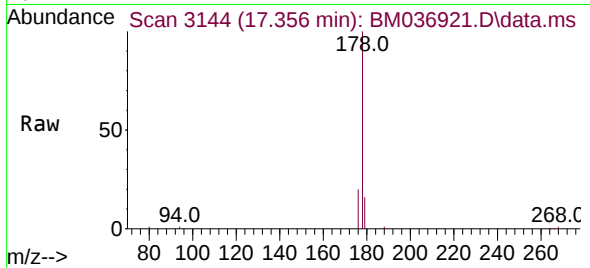
Tgt Ion:152 Resp: 5452
Ion Ratio Lower Upper
152 100
151 22.9 16.6 24.8
153 16.9 11.4 17.0





#15
Phenanthrene
Concen: 0.243 ng/ul
RT: 17.356 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Instrument :
BNA_M
ClientSampleId :
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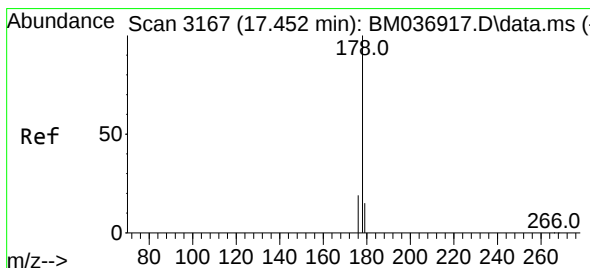
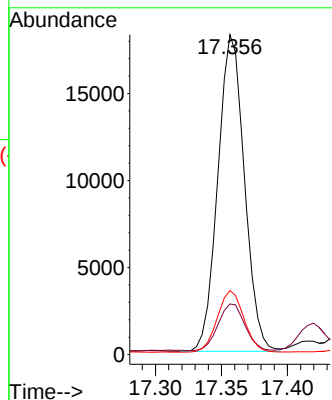
Tgt Ion:178 Resp: 25426
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 20.0 15.6 23.4

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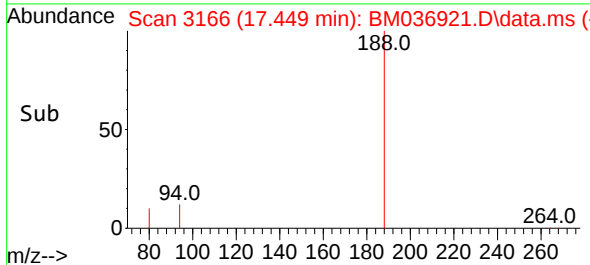
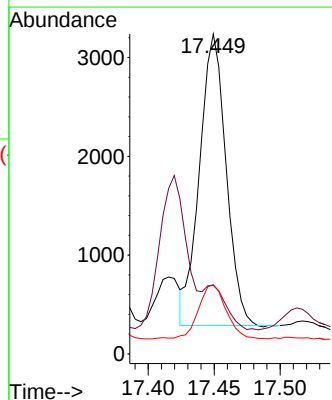
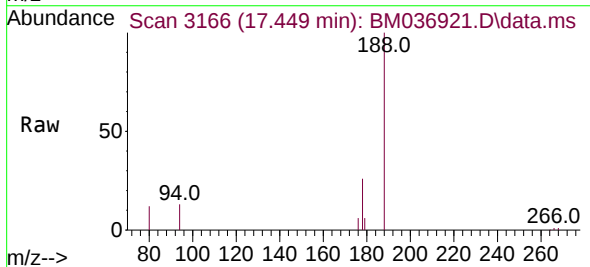
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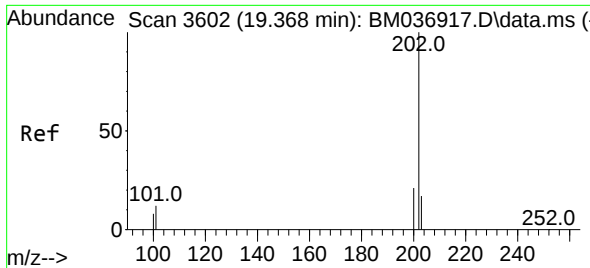
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#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

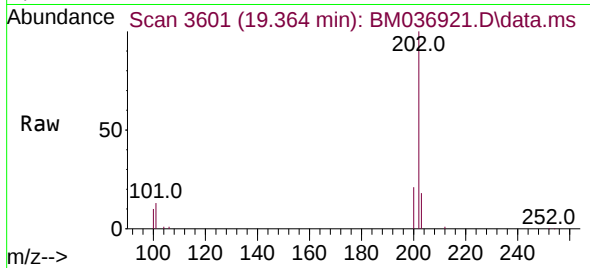
Tgt Ion:178 Resp: 4126
Ion Ratio Lower Upper
178 100
179 21.4 13.6 20.4#
176 21.6 15.6 23.4





#19
Fluoranthene
Concen: 0.784 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. -0.009 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Instrument :
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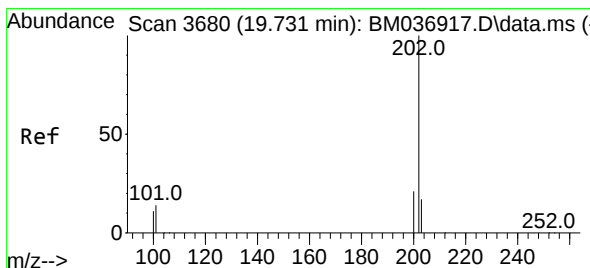
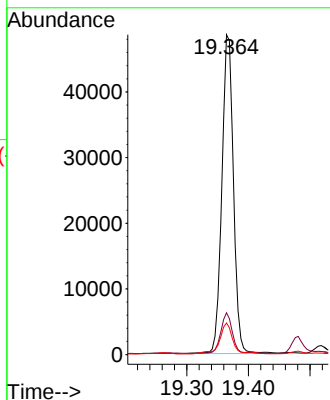
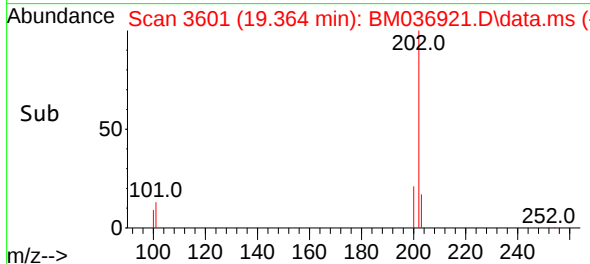
Tgt Ion:202 Resp: 63073
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.9 7.9 11.9

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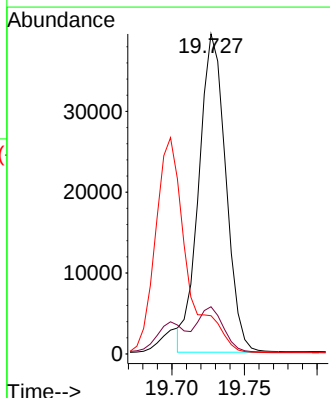
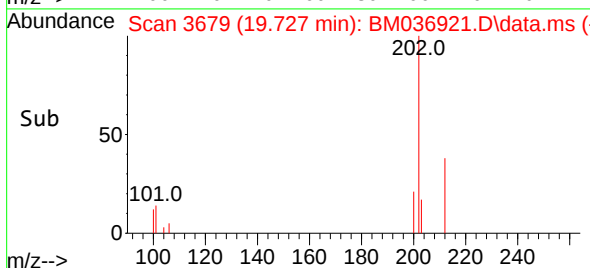
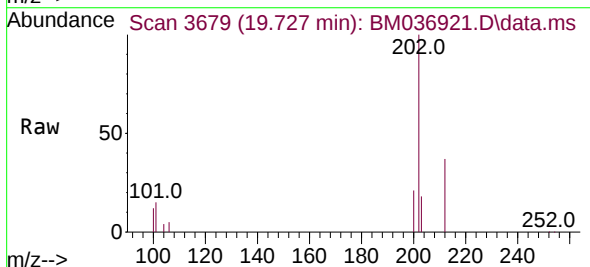
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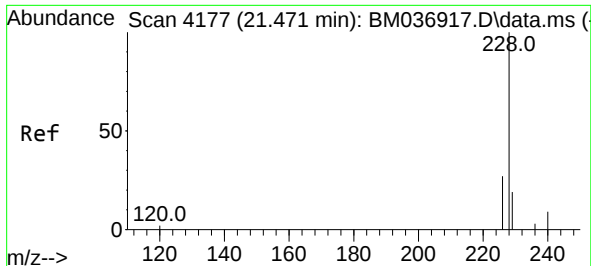
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#20
Pyrene
Concen: 0.606 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. -0.005 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

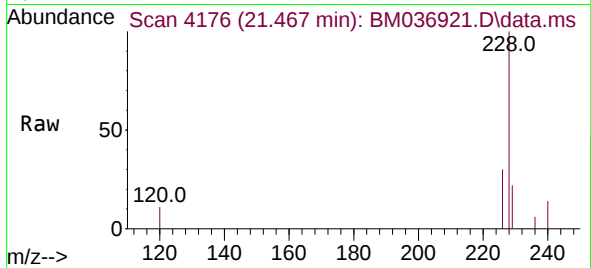
Tgt Ion:202 Resp: 50850
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.228 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Instrument :
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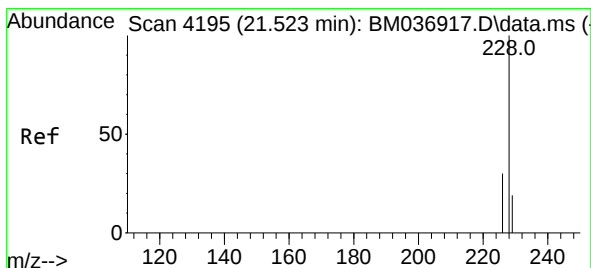
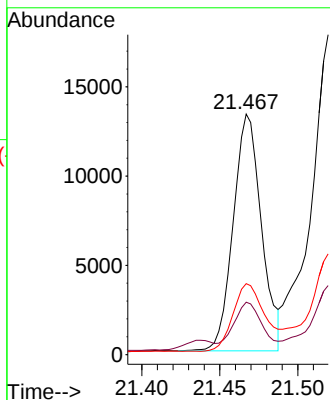
Tgt Ion:228 Resp: 16696
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 29.5 22.5 33.7

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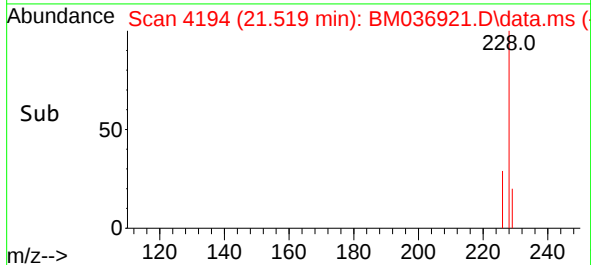
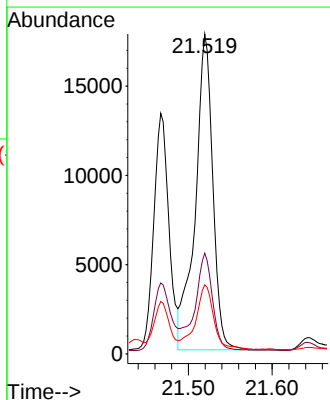
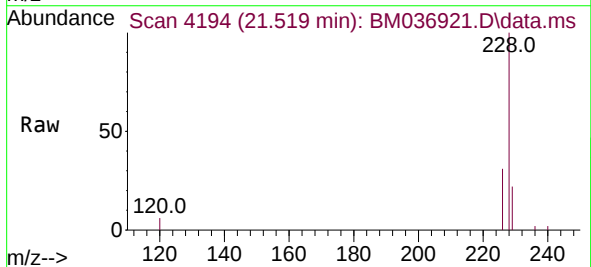
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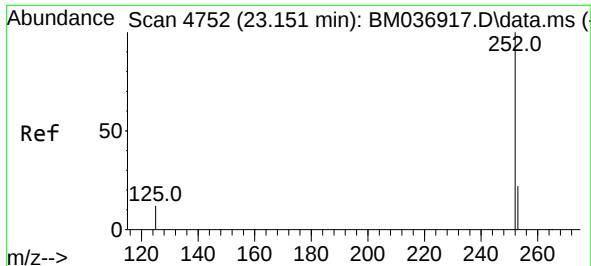
10/12/2022



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.006 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

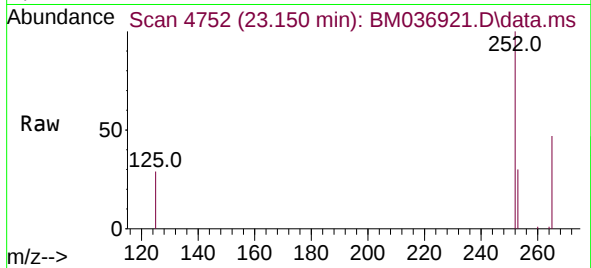
Tgt Ion:228 Resp: 25745
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Instrument :
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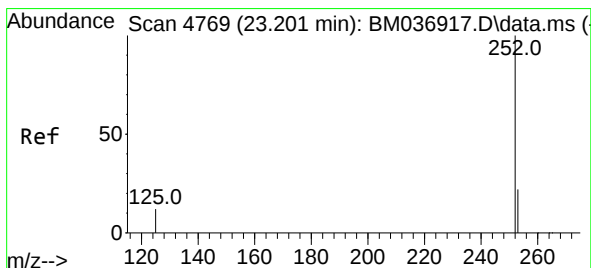
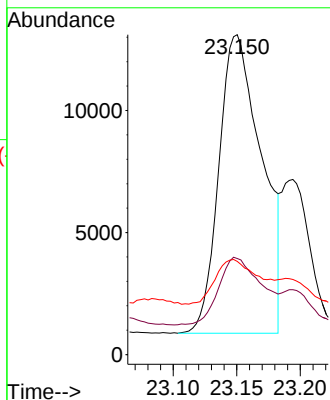
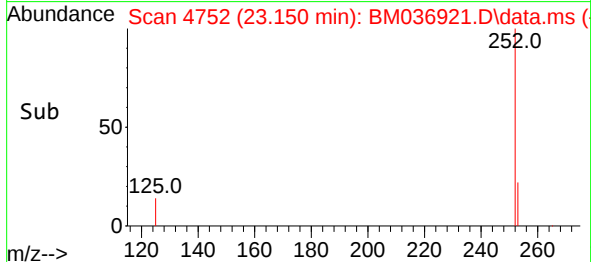
Tgt Ion:252 Resp: 28669
Ion Ratio Lower Upper
252 100
253 30.0 0.0 61.4
125 29.1 0.0 42.6

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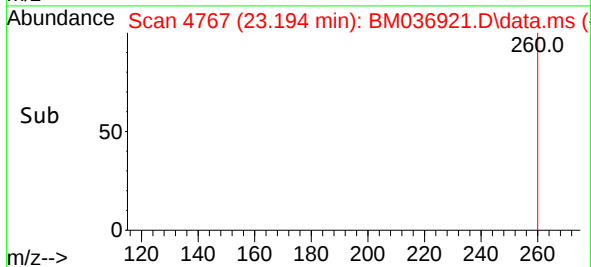
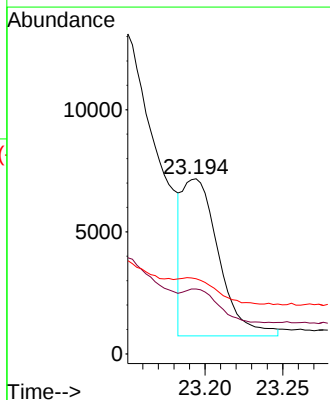
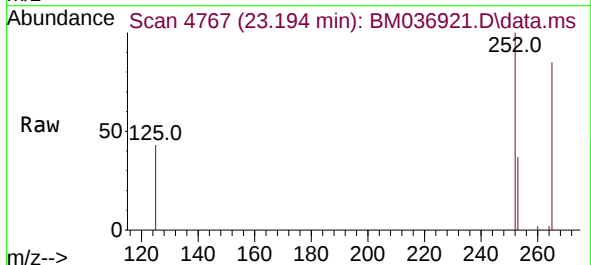
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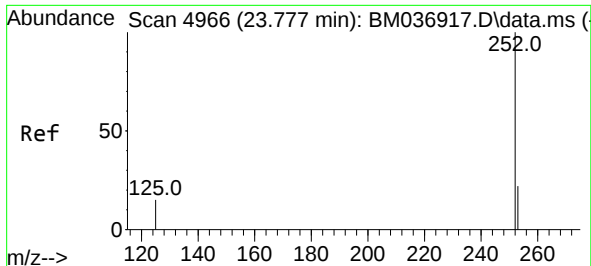
10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.141 ng/ul m
RT: 23.194 min Scan# 4767
Delta R.T. -0.009 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

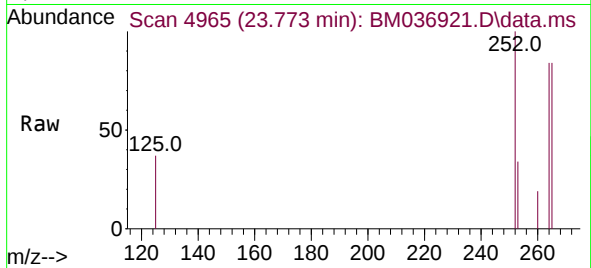
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Ion Ratio Lower Upper
252 100
253 37.1 25.2 37.8
125 42.9 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 23.773 min Scan# 4966
Delta R.T. -0.009 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

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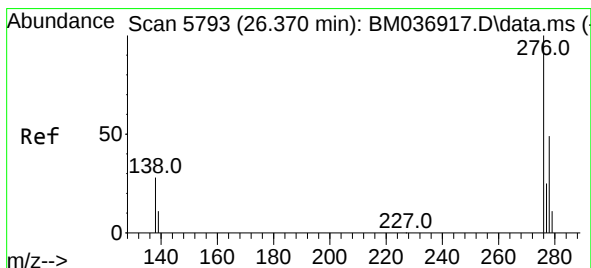
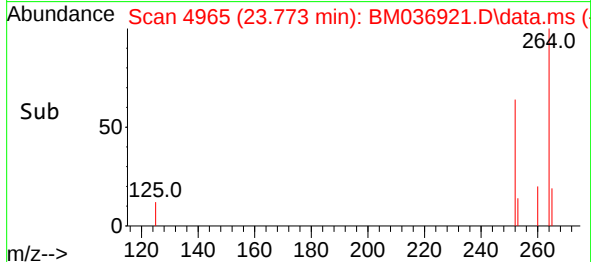
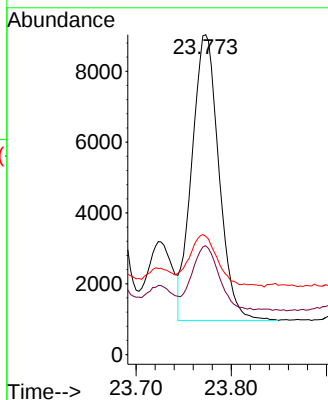
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Ion Ratio Lower Upper
252 100
253 34.0 29.7 44.5
125 37.0 23.6 35.4

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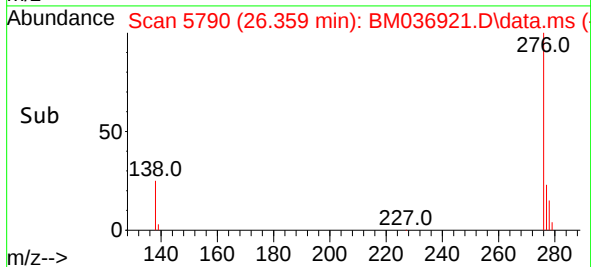
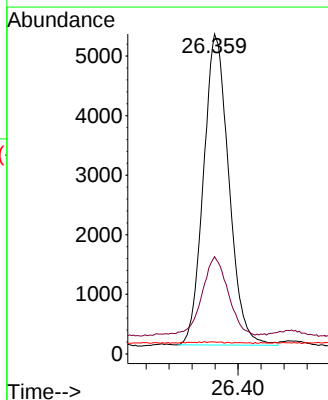
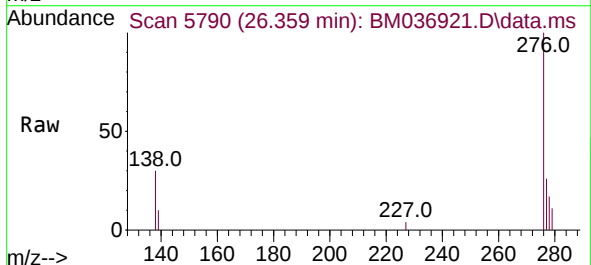
10/11/2022
Supervised By :mohammad
ahmed

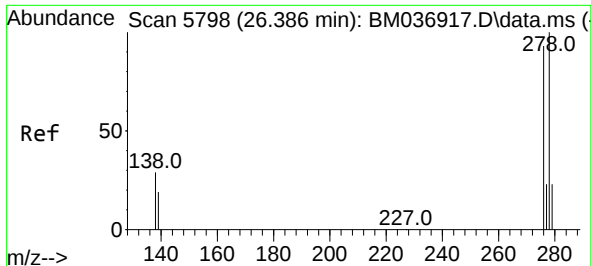
10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng/ul
RT: 26.359 min Scan# 5790
Delta R.T. -0.023 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

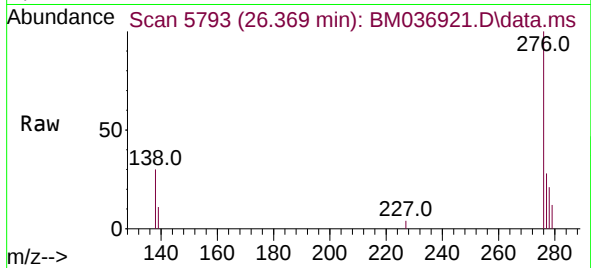
Tgt Ion:276 Resp: 15988
Ion Ratio Lower Upper
276 100
138 25.6 23.9 35.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.369 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Instrument :
BNA_M
ClientSampleId :
C0BF2



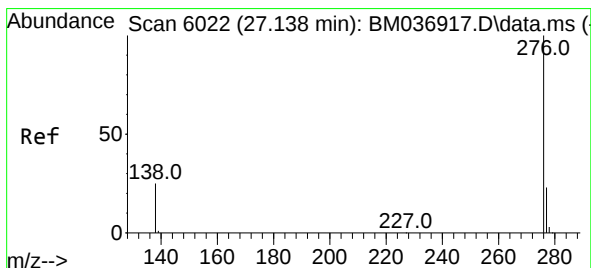
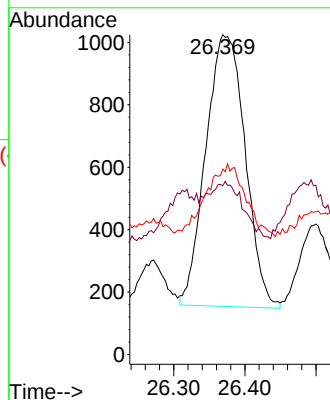
Tgt Ion:278 Resp: 335
Ion Ratio Lower Upper
278 100
139 52.8 19.8 29.6
279 58.0 27.7 41.5

Manual Integrations
APPROVED

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

10/11/2022
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ahmed

10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 27.127 min Scan# 6019
Delta R.T. -0.020 min
Lab File: BM036921.D
Acq: 10 Oct 2022 23:46

Tgt Ion:276 Resp: 16040
Ion Ratio Lower Upper
276 100
138 31.3 23.4 35.0
277 26.8 21.0 31.4

