

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036933.D
 Acq On : 11 Oct 2022 06:46
 Operator : CG/JU
 Sample : N4991-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG2

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 07:16:30 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	8045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	27495	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	15081	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.313	188	30875	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	22566	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	17752	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	46321	4.083	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	13597	0.327	ng/ul	-0.01
18) Fluoranthene-d10	19.335	212	27591	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	26911	0.342	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	25587	0.532	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	20731	0.424	ng/ul	99
10) Acenaphthylene	14.298	152	2328	0.037	ng/ul#	61
15) Phenanthrene	17.356	178	25189	0.256	ng/ul	100
16) Anthracene	17.444	178	1840	0.022	ng/ul#	80
19) Fluoranthene	19.363	202	12634	0.141	ng/ul	98
20) Pyrene	19.726	202	13111m	0.140	ng/ul	
21) Benzo(a)anthracene	21.467	228	3870	0.047	ng/ul#	86
22) Chrysene	21.517	228	6714	0.077	ng/ul#	91
24) Benzo(b)fluoranthene	23.148	252	4364	0.055	ng/ul#	14
26) Benzo(a)pyrene	23.771	252	1418	0.022	ng/ul#	1

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

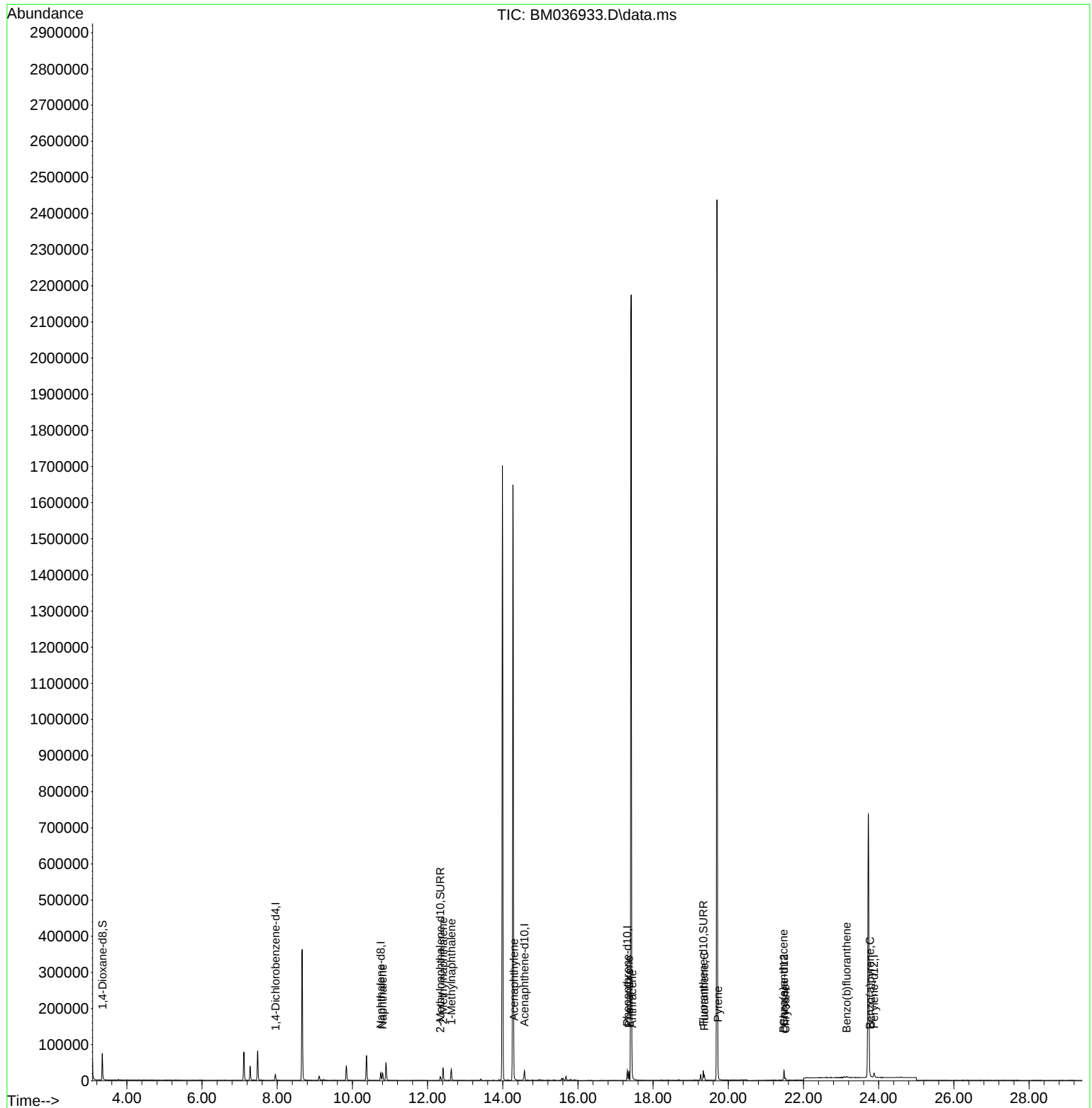
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036933.D
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ALS Vial : 35 Sample Multiplier: 1

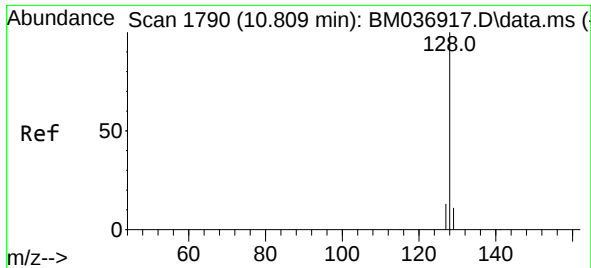
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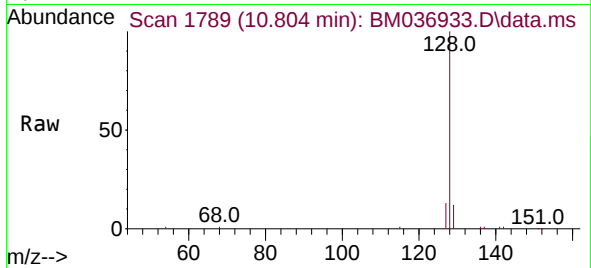
Quant Time: Oct 11 07:16:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

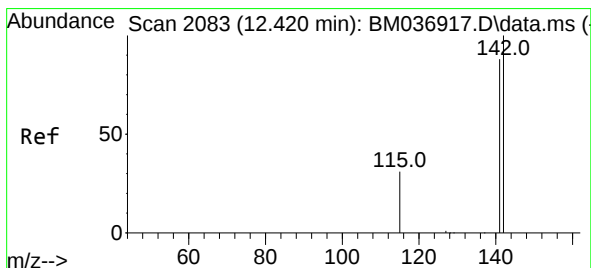
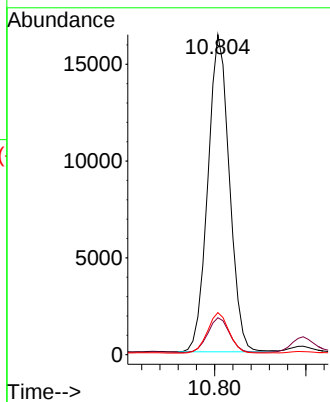
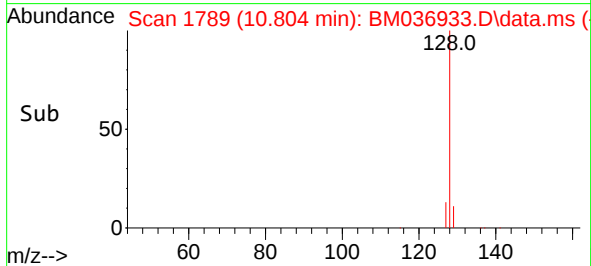
Instrument :
BNA_M
ClientSampleId :
C0BG2



Tgt Ion:128 Resp: 26911
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.1 11.7 17.5

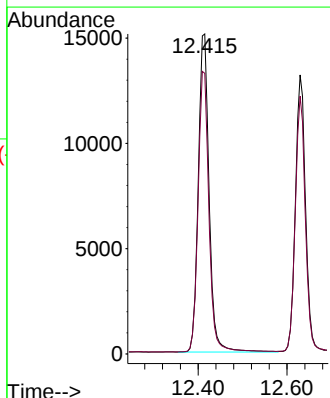
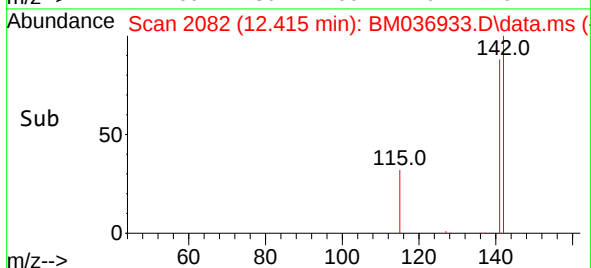
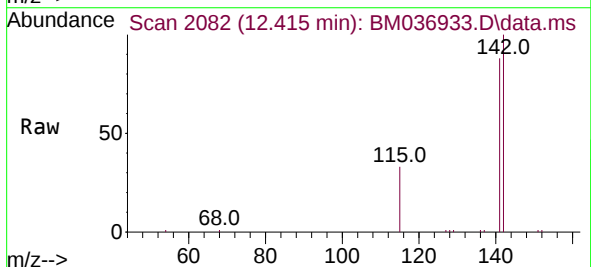
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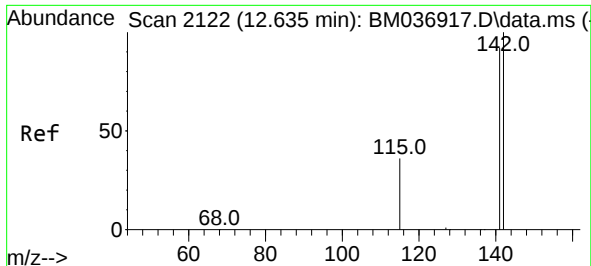
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.532 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

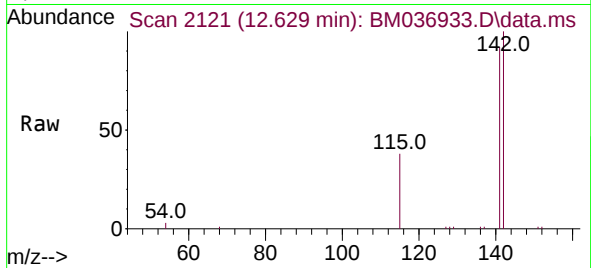
Tgt Ion:142 Resp: 25587
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

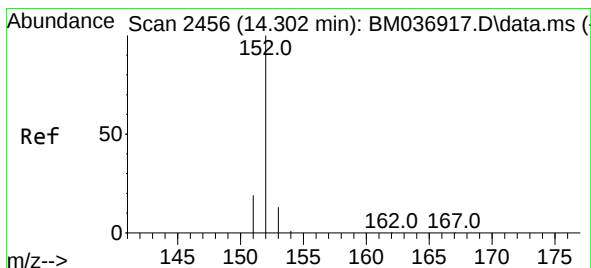
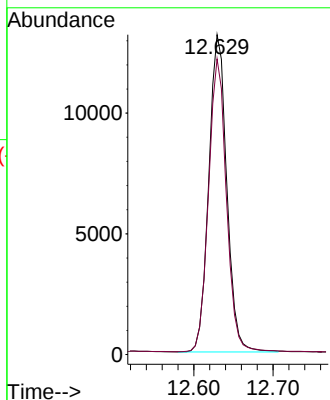
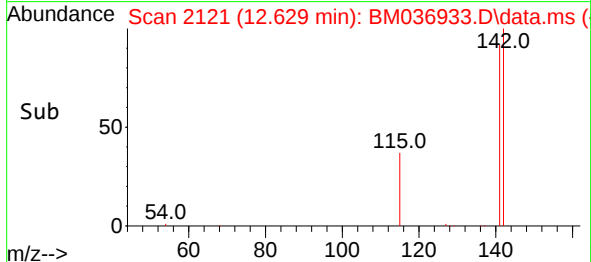
Instrument :
BNA_M
ClientSampleId :
C0BG2



Tgt Ion:142 Resp: 20731
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

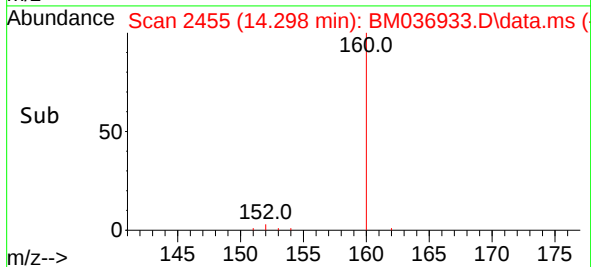
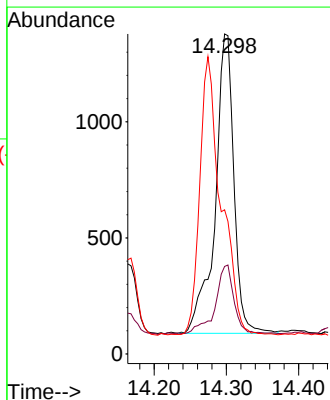
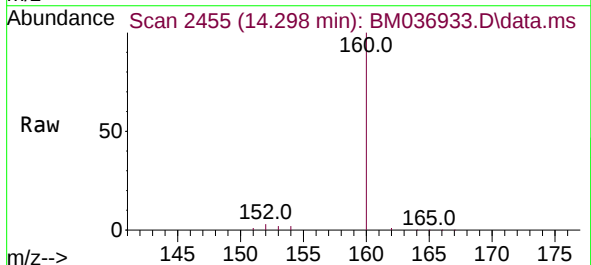
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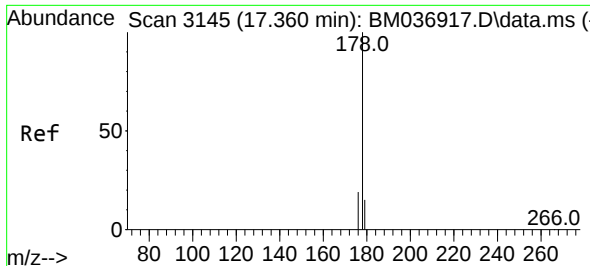
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.010 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

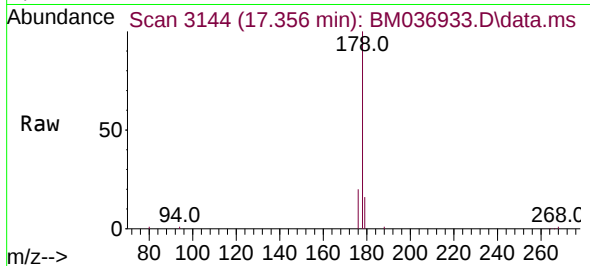
Tgt Ion:152 Resp: 2328
Ion Ratio Lower Upper
152 100
151 27.3 16.6 24.8#
153 45.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

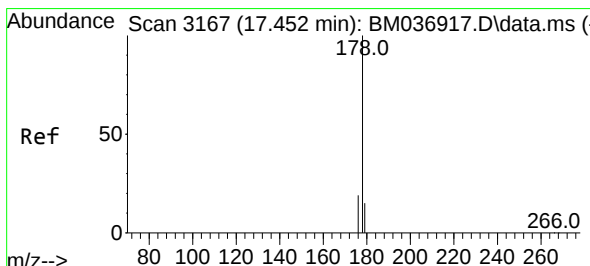
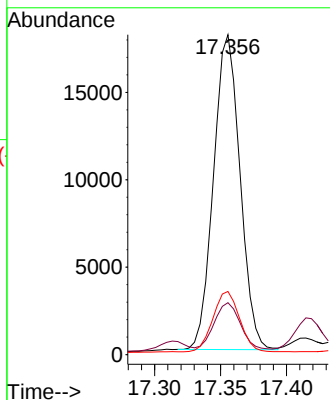
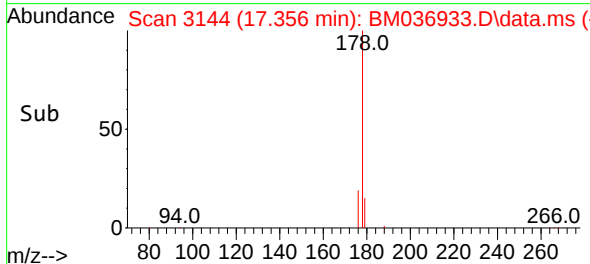
Instrument :
BNA_M
ClientSampleId :
C0BG2



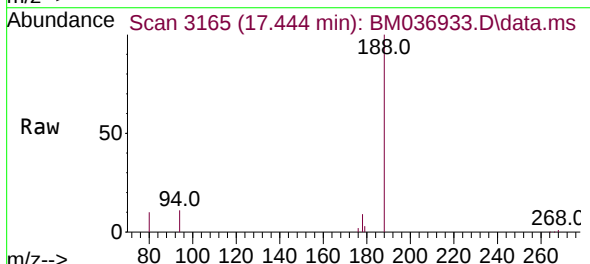
Tgt Ion:178 Resp: 25189
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.7 15.6 23.4

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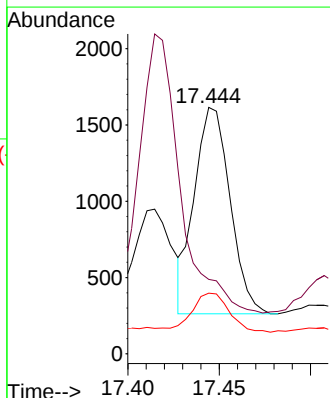
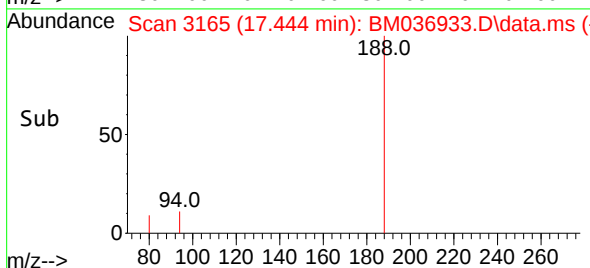
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

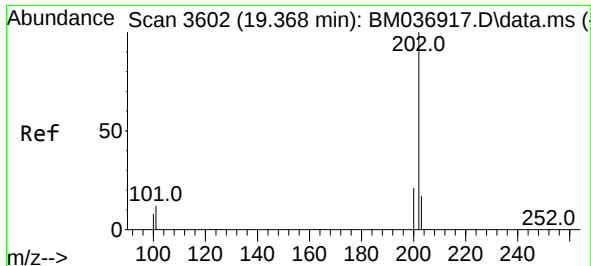


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.009 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46



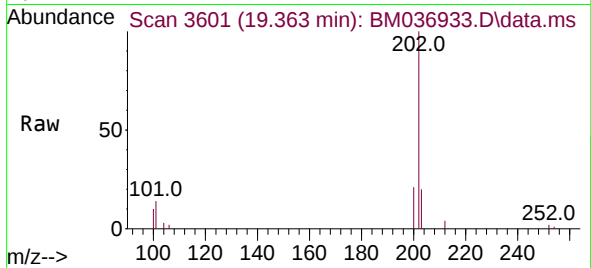
Tgt Ion:178 Resp: 1840
Ion Ratio Lower Upper
178 100
179 30.2 13.6 20.4#
176 24.6 15.6 23.4#





#19
Fluoranthene
Concen: 0.141 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.011 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

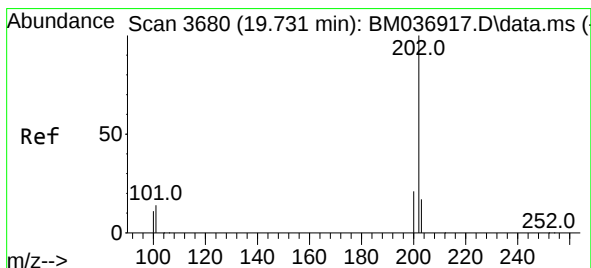
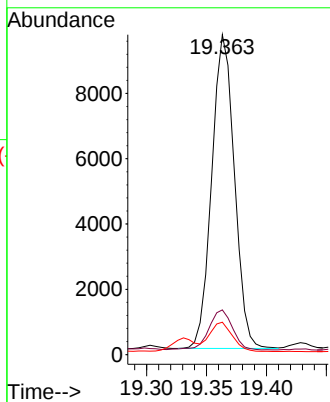
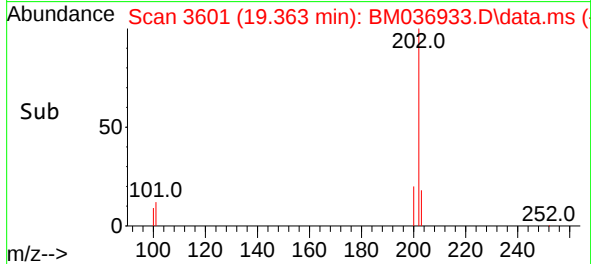
Instrument :
BNA_M
ClientSampleId :
C0BG2



Tgt Ion:202 Resp: 12634
Ion Ratio Lower Upper
202 100
101 14.0 10.1 15.1
100 10.1 7.9 11.9

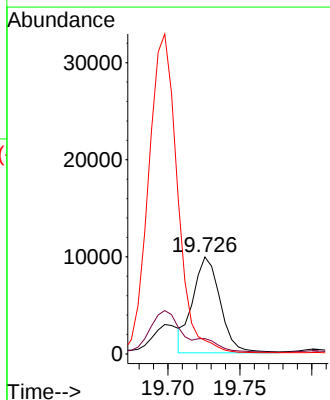
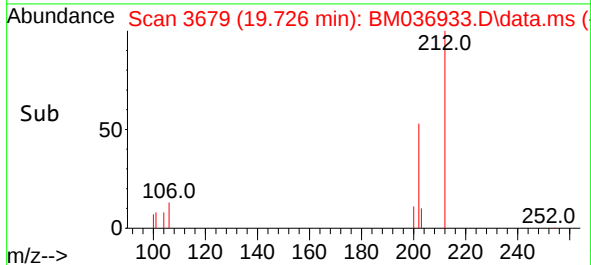
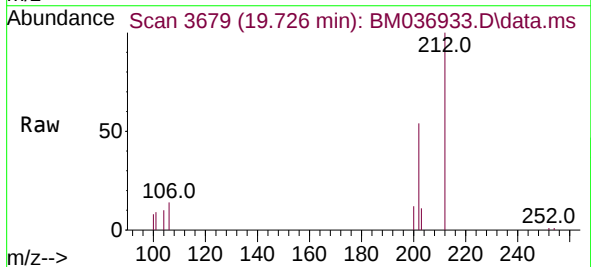
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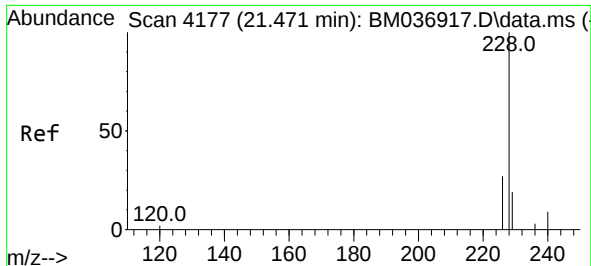
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.140 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. -0.006 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

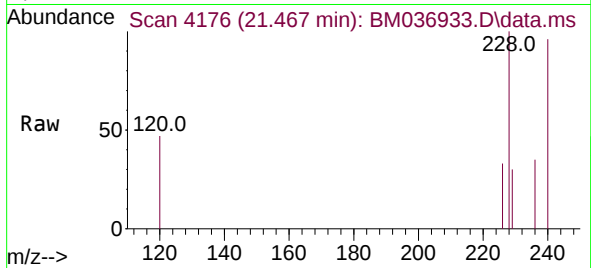
Tgt Ion:202 Resp: 13111
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 14.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.467 min Scan# 4177
Delta R.T. -0.005 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

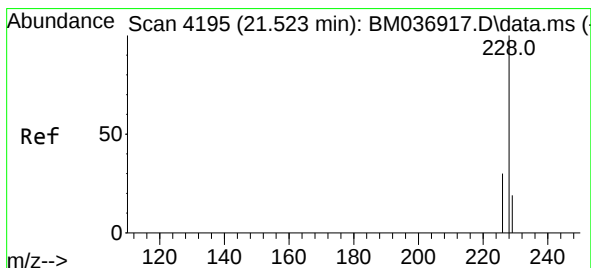
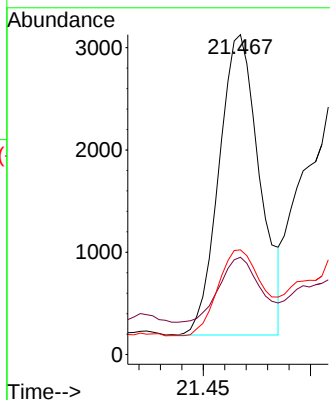
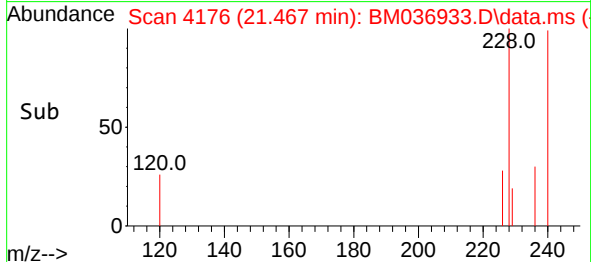
Instrument :
BNA_M
ClientSampleId :
C0BG2



Tgt Ion:228 Resp: 3870
Ion Ratio Lower Upper
228 100
229 30.4 16.2 24.2
226 32.7 22.5 33.7

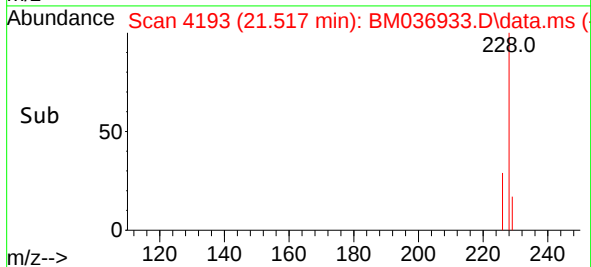
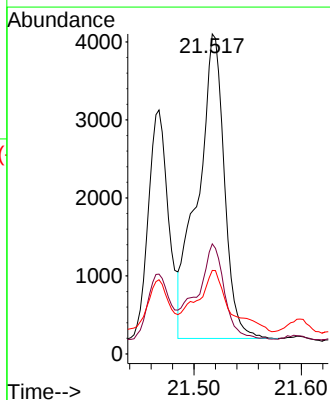
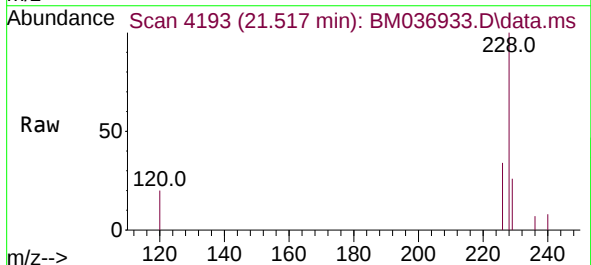
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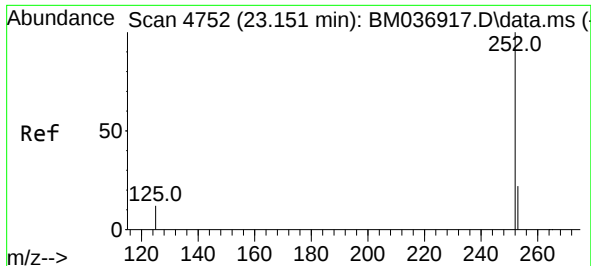
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.077 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.008 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

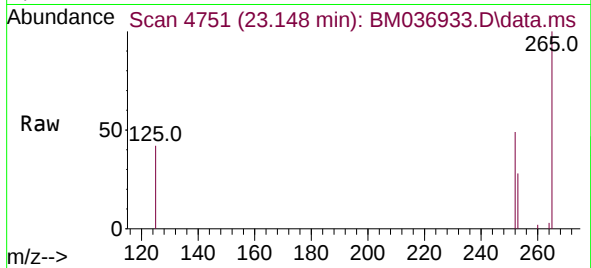
Tgt Ion:228 Resp: 6714
Ion Ratio Lower Upper
228 100
226 34.4 24.6 37.0
229 26.1 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. -0.008 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

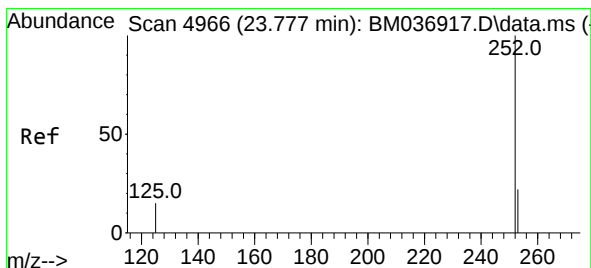
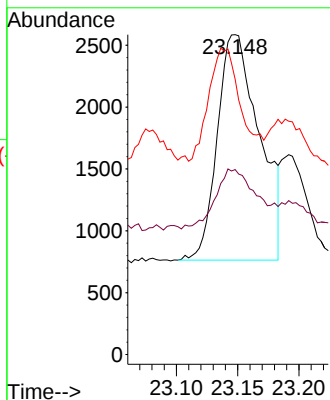
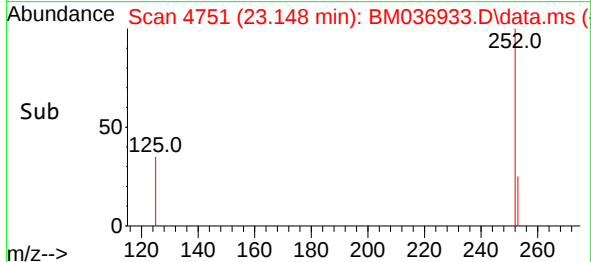
Instrument :
BNA_M
ClientSampleId :
C0BG2



Tgt Ion:252 Resp: 4364
Ion Ratio Lower Upper
252 100
253 57.8 0.0 61.4
125 86.0 0.0 42.6

Manual Integrations
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Supervised By :mohammad ahmed 10/12/2022



#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.011 min
Lab File: BM036933.D
Acq: 11 Oct 2022 06:46

Tgt Ion:252 Resp: 1418
Ion Ratio Lower Upper
252 100
253 81.4 29.7 44.5#
125 132.6 23.6 35.4#

