

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM037000.D
 Acq On : 13 Oct 2022 01:33
 Operator : CG/JU
 Sample : N4976-07
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8Y3

Manual Integrations
 APPROVED

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

Quant Time: Oct 13 02:14:56 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	7.947	152	8502	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	27615	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	14878	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.310	188	25628	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.481	240	19450	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	20354	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	43915	3.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	8479	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	15316	0.263	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	27885	0.353	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	6714	0.139	ng/ul	98
8) 1-Methylnaphthalene	12.624	142	12302	0.251	ng/ul	98
10) Acenaphthylene	14.298	152	7080	0.114	ng/ul#	26
11) Acenaphthene	14.636	153	461247	8.595	ng/ul	97
12) Fluorene	15.617	166	256764	4.223	ng/ul	98
15) Phenanthrene	17.352	178	73601	0.900	ng/ul	98
16) Anthracene	17.445	178	42789	0.626	ng/ul	94
19) Fluoranthene	19.364	202	39830	0.515	ng/ul#	94
20) Pyrene	19.722	202	26455m	0.328	ng/ul	
21) Benzo(a)anthracene	21.464	228	3328	0.047	ng/ul#	53
22) Chrysene	21.517	228	3180	0.042	ng/ul#	49
24) Benzo(b)fluoranthene	23.147	252	3243	0.036	ng/ul#	1
26) Benzo(a)pyrene	23.773	252	2002	0.027	ng/ul#	1

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

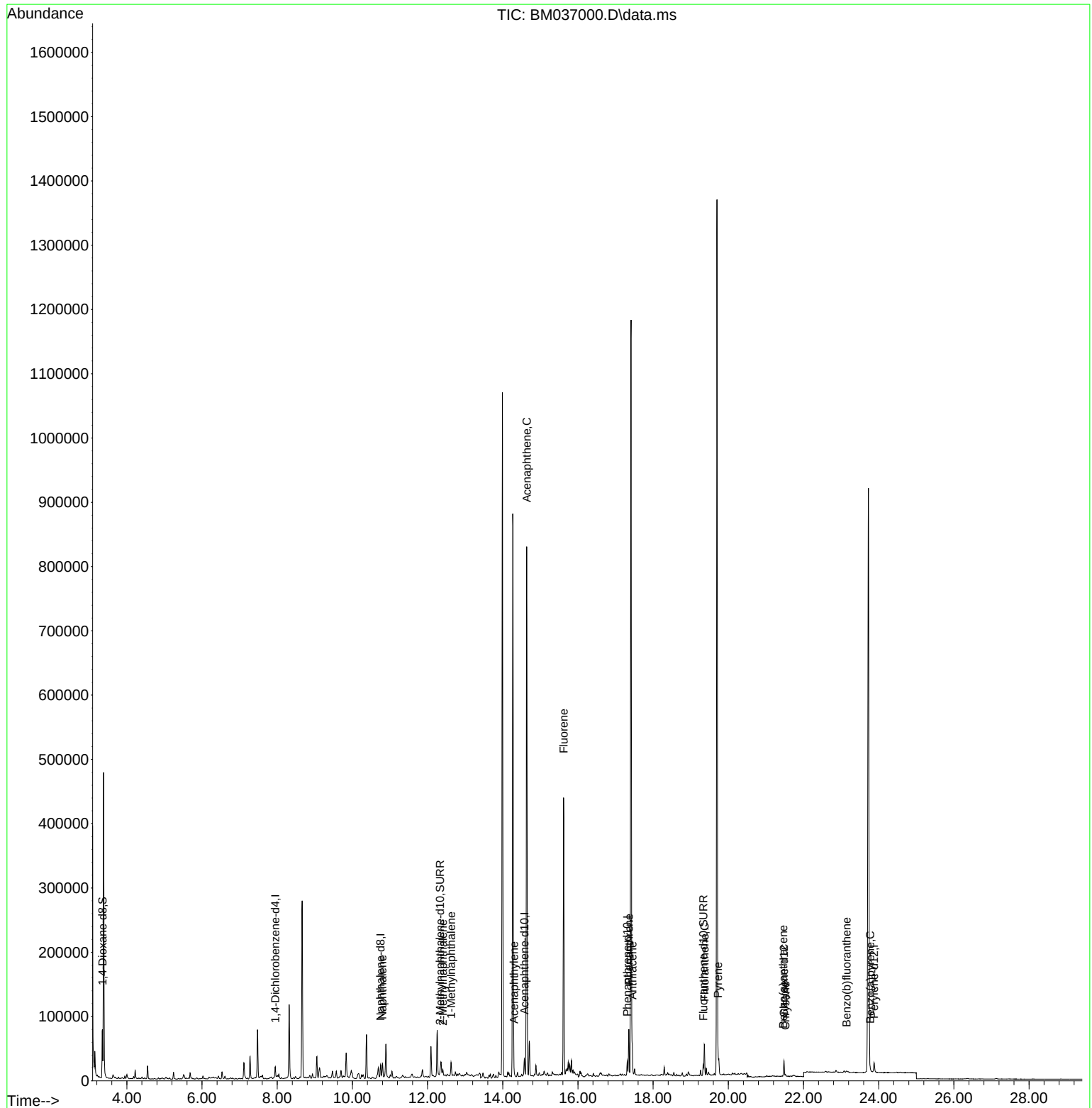
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM037000.D
Acq On : 13 Oct 2022 01:33
Operator : CG/JU
Sample : N4976-07
Misc :
ALS Vial : 105 Sample Multiplier: 1

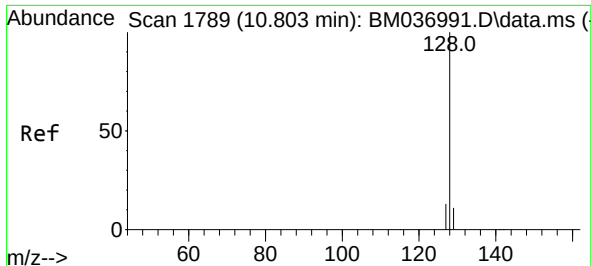
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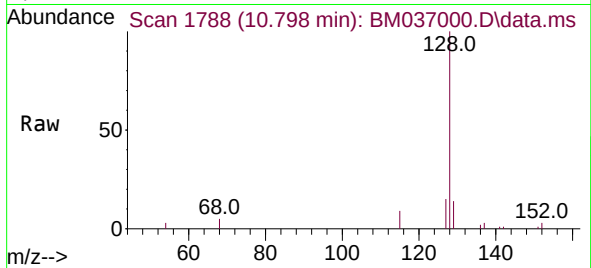
Quant Time: Oct 13 02:14:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
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#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

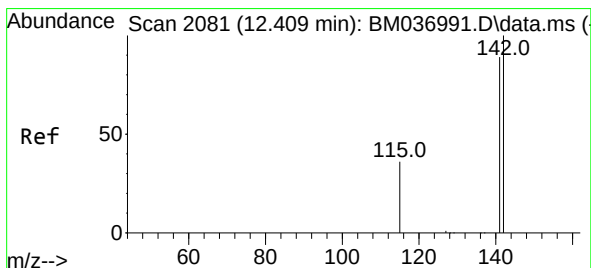
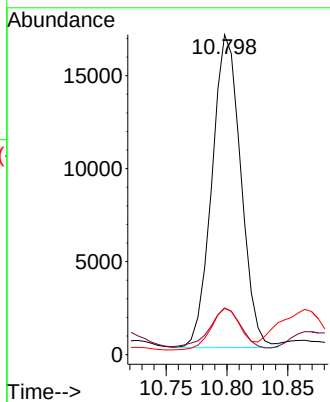
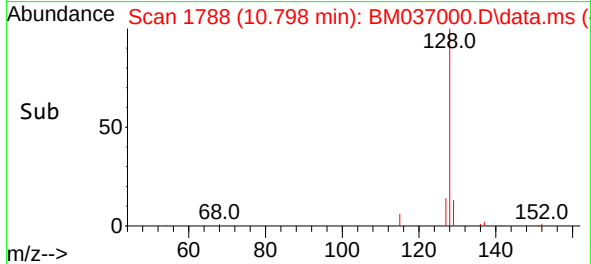
Instrument :
BNA_M
ClientSampleId :
CB8Y3



Tgt Ion:128 Resp: 27885
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 14.6 11.7 17.5

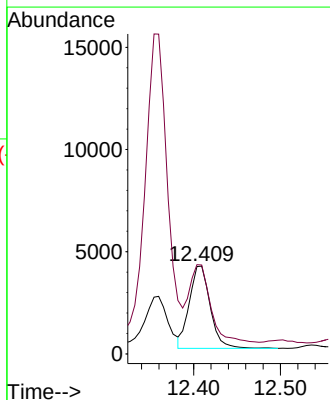
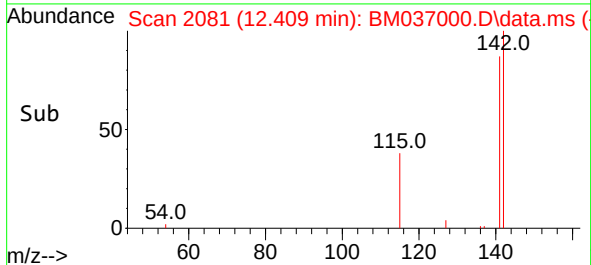
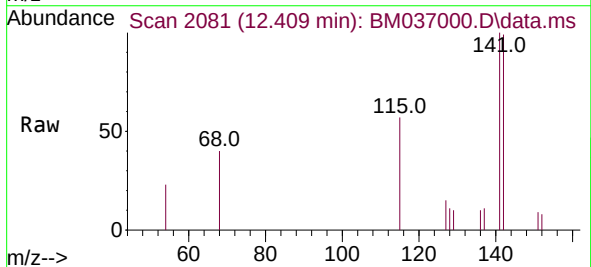
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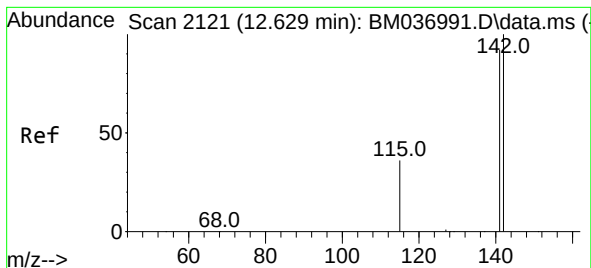
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#7
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

Tgt Ion:142 Resp: 6714
Ion Ratio Lower Upper
142 100
141 95.0 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.251 ng/ul

RT: 12.624 min Scan# 2121

Delta R.T. -0.005 min

Lab File: BM037000.D

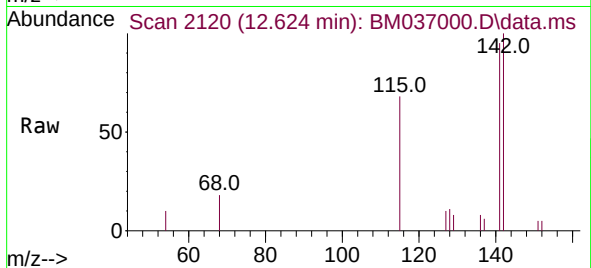
Acq: 13 Oct 2022 01:33

Instrument :

BNA_M

ClientSampleId :

CB8Y3



Tgt Ion:142 Resp: 12302

Ion Ratio Lower Upper

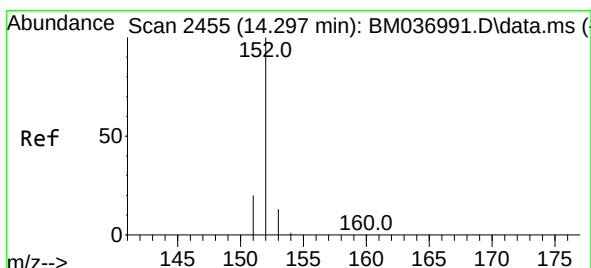
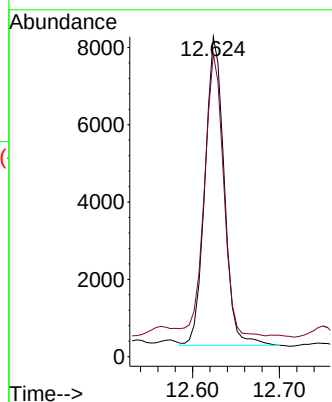
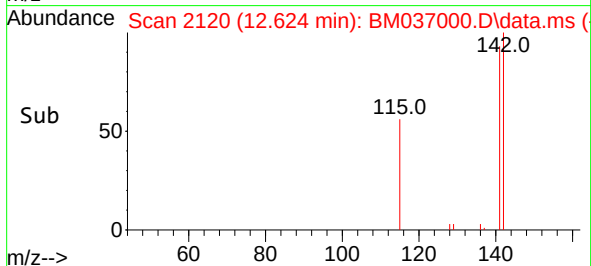
142 100

141 90.6 74.1 111.1

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#10

Acenaphthylene

Concen: 0.114 ng/ul

RT: 14.298 min Scan# 2455

Delta R.T. 0.001 min

Lab File: BM037000.D

Acq: 13 Oct 2022 01:33

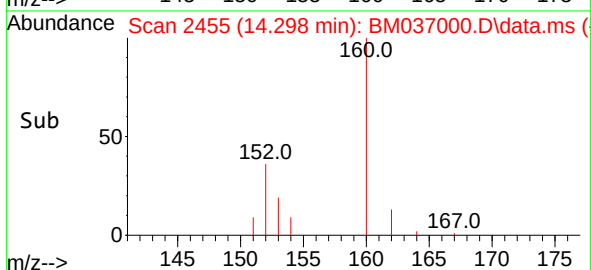
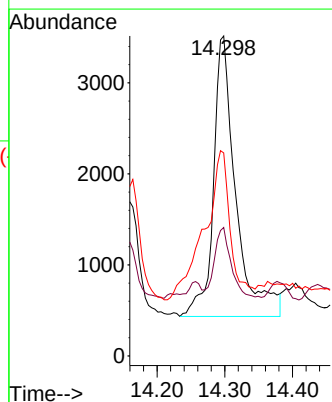
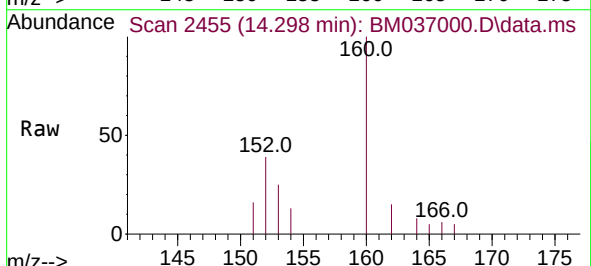
Tgt Ion:152 Resp: 7080

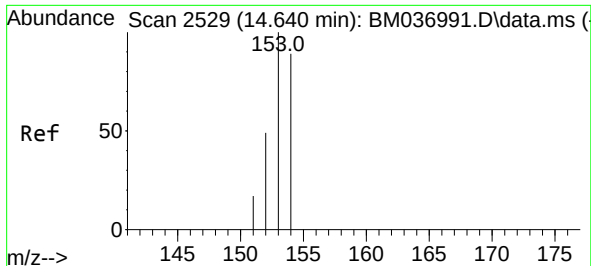
Ion Ratio Lower Upper

152 100

151 40.2 16.6 24.8#

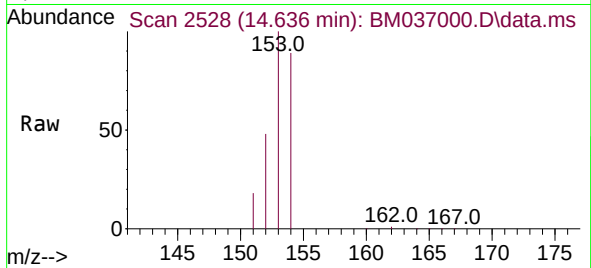
153 63.5 11.4 17.0#





#11
Acenaphthene
Concen: 8.595 ng/u1
RT: 14.636 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

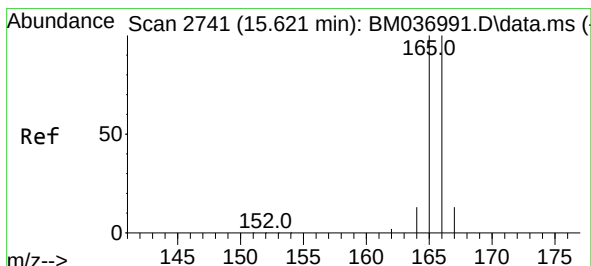
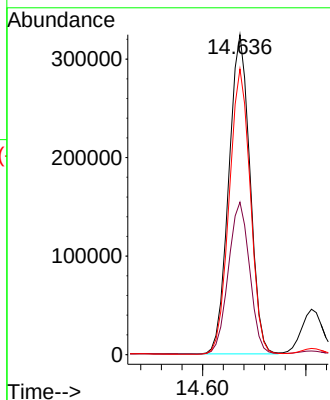
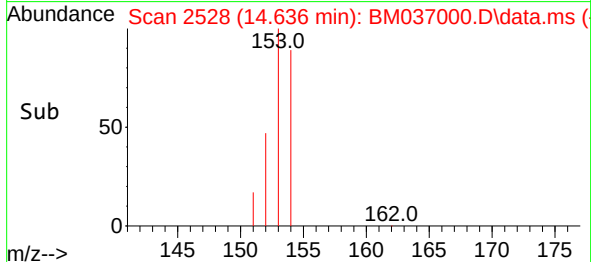
Instrument :
BNA_M
ClientSampleId :
CB8Y3



Tgt Ion:153 Resp: 461247
Ion Ratio Lower Upper
153 100
152 47.6 40.2 60.4
154 89.3 69.7 104.5

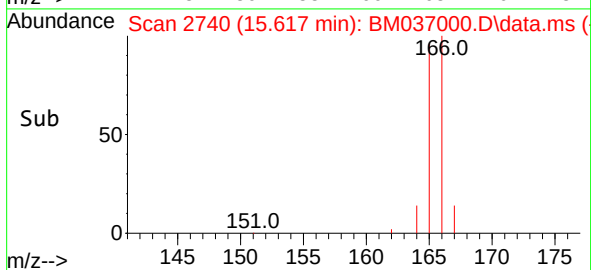
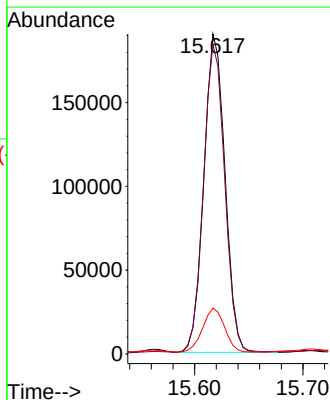
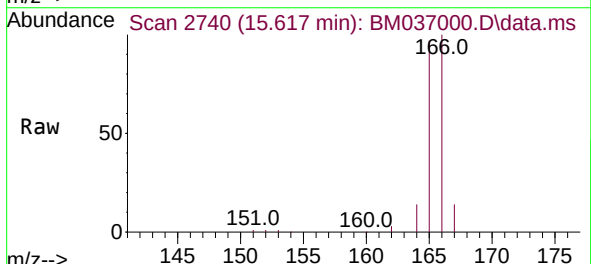
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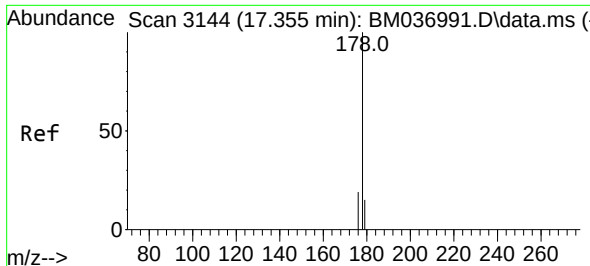
Reviewed By :Jagrut Upadhyay 10/13/2022
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#12
Fluorene
Concen: 4.223 ng/u1
RT: 15.617 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

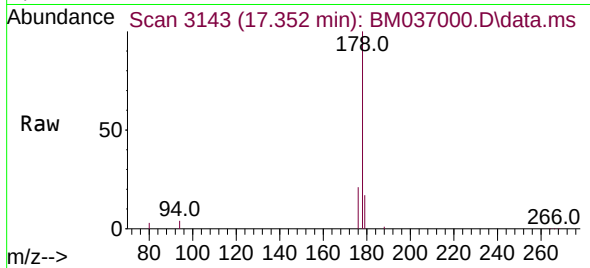
Tgt Ion:166 Resp: 256764
Ion Ratio Lower Upper
166 100
165 96.7 78.9 118.3
167 14.3 11.3 16.9





#15
Phenanthrene
Concen: 0.900 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

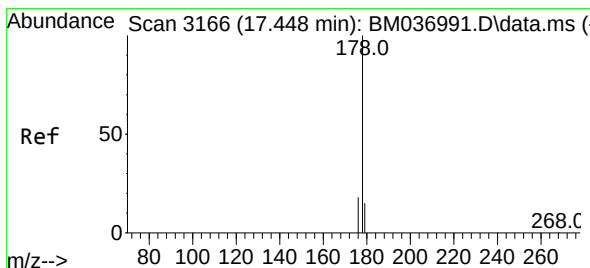
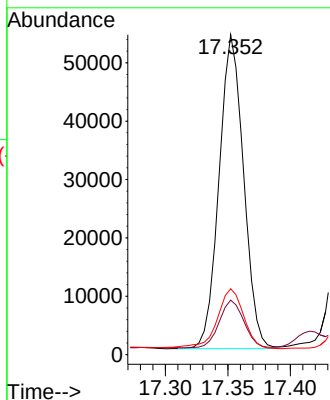
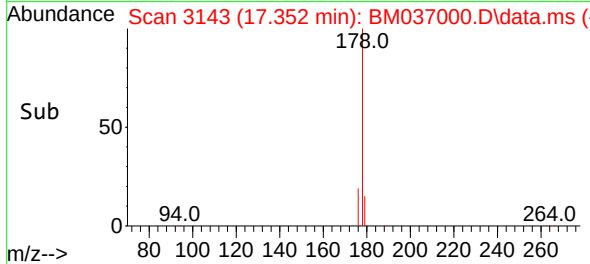
Instrument :
BNA_M
ClientSampleId :
CB8Y3



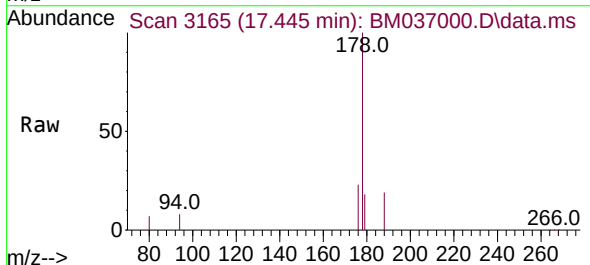
Tgt Ion:178 Resp: 73601
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 20.6 15.6 23.4

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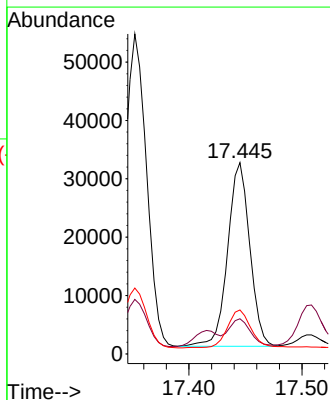
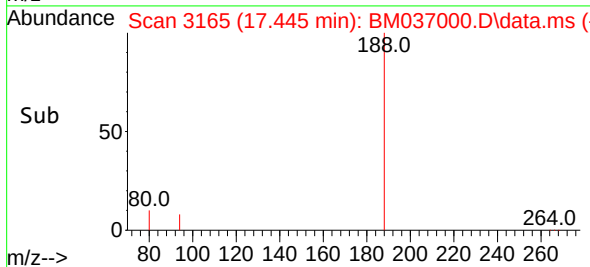
Reviewed By :Jagrut Upadhyay 10/13/2022
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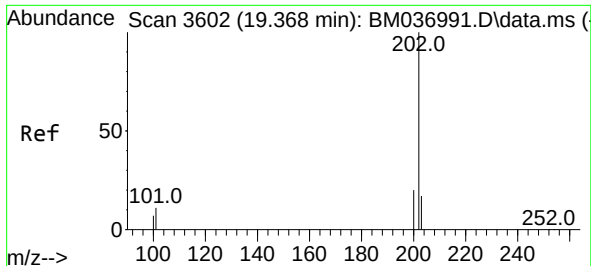


#16
Anthracene
Concen: 0.626 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33



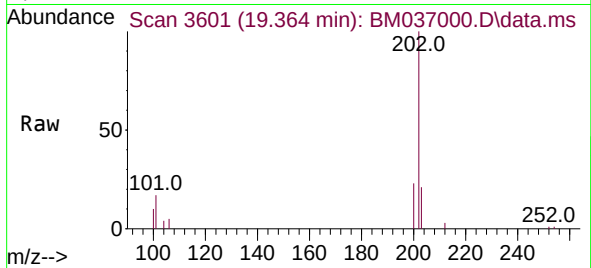
Tgt Ion:178 Resp: 42789
Ion Ratio Lower Upper
178 100
179 18.4 13.6 20.4
176 23.0 15.6 23.4





#19
Fluoranthene
Concen: 0.515 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

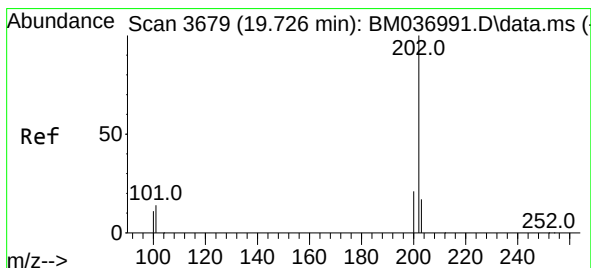
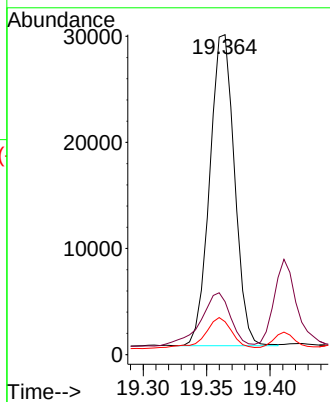
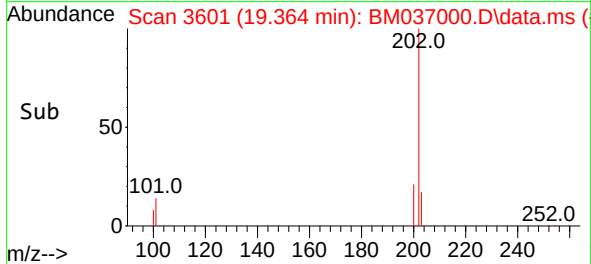
Instrument :
BNA_M
ClientSampleId :
CB8Y3



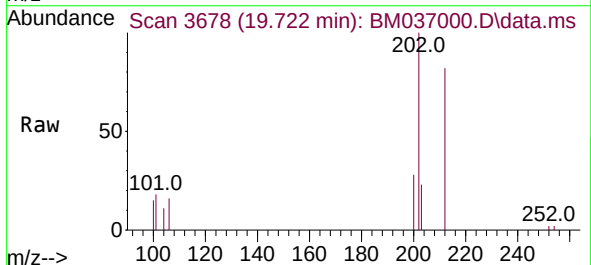
Tgt Ion:202 Resp: 39830
Ion Ratio Lower Upper
202 100
101 16.5 10.1 15.1#
100 10.3 7.9 11.9

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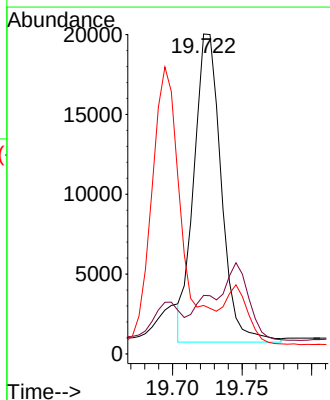
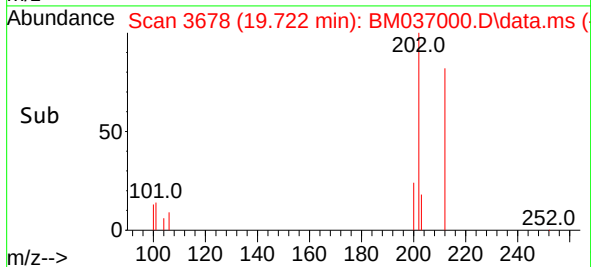
Reviewed By :Jagrut Upadhyay 10/13/2022
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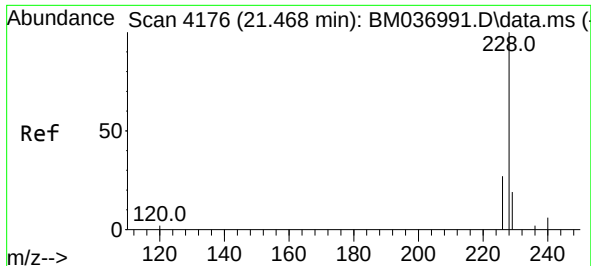


#20
Pyrene
Concen: 0.328 ng/ul m
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33



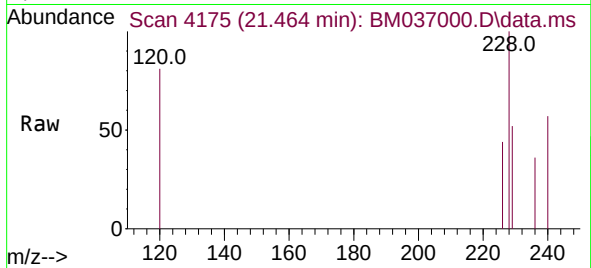
Tgt Ion:202 Resp: 26455
Ion Ratio Lower Upper
202 100
101 18.3 12.0 18.0#
100 15.1 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.464 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

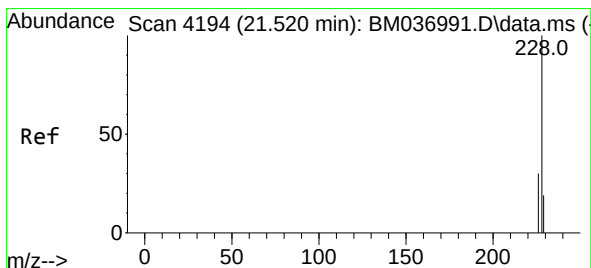
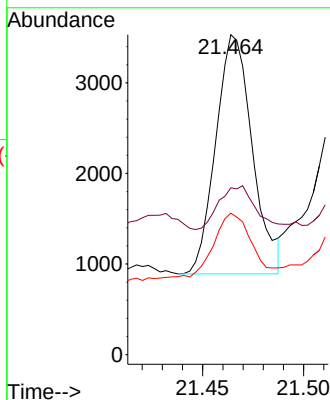
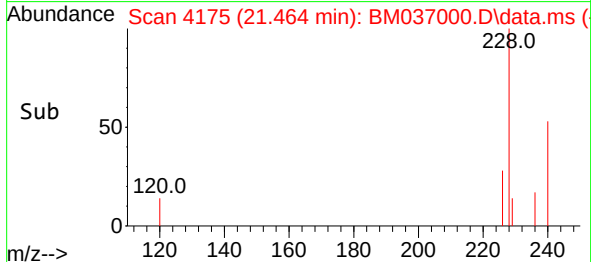
Instrument :
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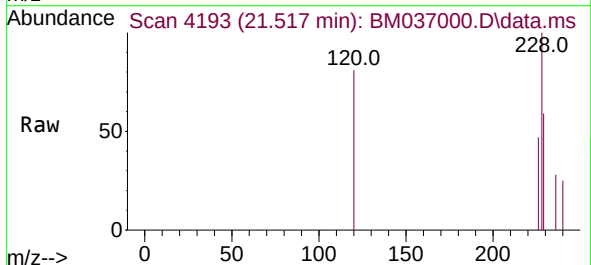
Tgt Ion:228 Resp: 3328
Ion Ratio Lower Upper
228 100
229 52.1 16.2 24.2#
226 44.2 22.5 33.7#

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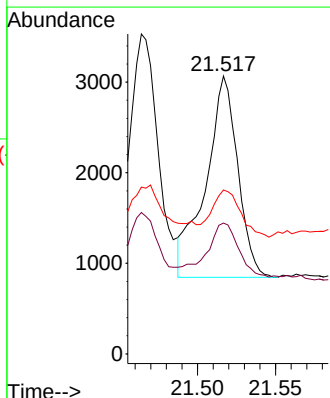
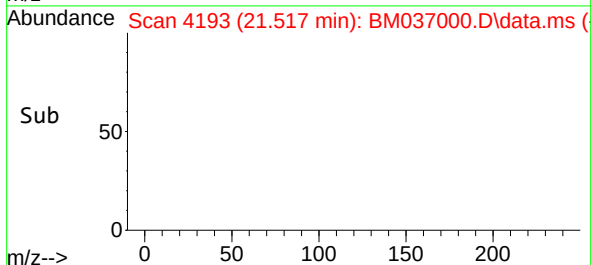
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

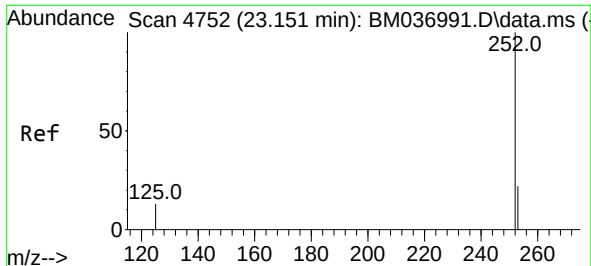


#22
Chrysene
Concen: 0.042 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.004 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33



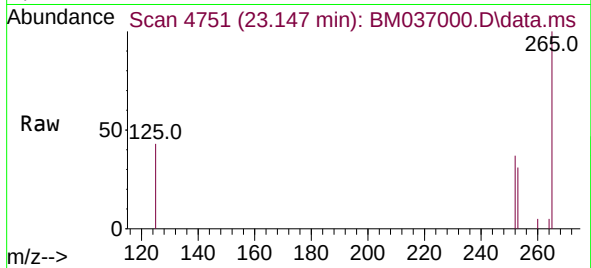
Tgt Ion:228 Resp: 3180
Ion Ratio Lower Upper
228 100
226 47.1 24.6 37.0#
229 59.0 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.036 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. 0.002 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33

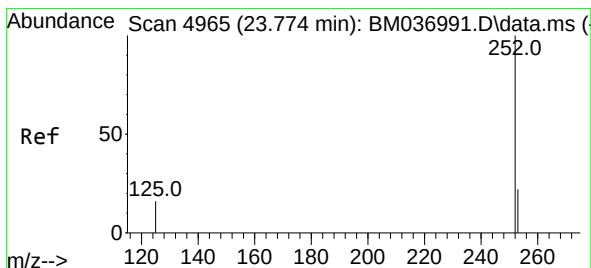
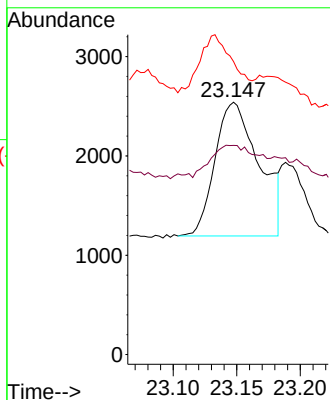
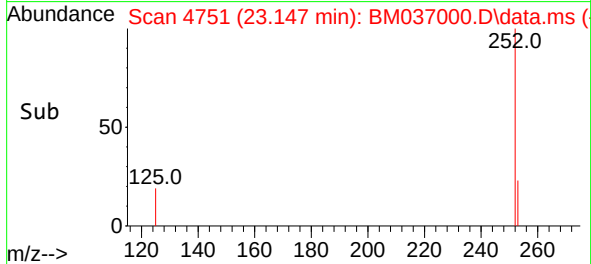
Instrument :
BNA_M
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CB8Y3



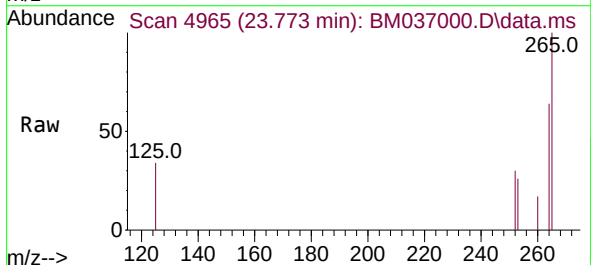
Tgt Ion:252 Resp: 3243
Ion Ratio Lower Upper
252 100
253 82.9 0.0 61.4#
125 116.1 0.0 42.6#

Manual Integrations
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#26
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.773 min Scan# 4965
Delta R.T. 0.002 min
Lab File: BM037000.D
Acq: 13 Oct 2022 01:33



Tgt Ion:252 Resp: 2002
Ion Ratio Lower Upper
252 100
253 89.4 29.7 44.5#
125 115.9 23.6 35.4#

