

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036988.D
 Acq On : 12 Oct 2022 17:43
 Operator : CG/JU
 Sample : N4976-03DL 5X
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 23:12:08 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	7.951	152	10535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	38030	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	20866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	37455	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	19891	0.400	ng/ul	0.00
23) Perylene-d12	23.884	264	18522	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	3786	0.255	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2603	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4377	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	10383	0.095	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	1420	0.021	ng/ul	96
8) 1-Methylnaphthalene	12.629	142	3552	0.053	ng/ul	97
10) Acenaphthylene	14.298	152	2225	0.026	ng/ul#	35
11) Acenaphthene	14.641	153	95523	1.269	ng/ul	97
12) Fluorene	15.621	166	43315	0.508	ng/ul	99
15) Phenanthrene	17.356	178	4632	0.039	ng/ul#	77
16) Anthracene	17.445	178	6014	0.060	ng/ul#	78
19) Fluoranthene	19.369	202	5275	0.067	ng/ul#	75
20) Pyrene	19.727	202	3553m	0.043	ng/ul	

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

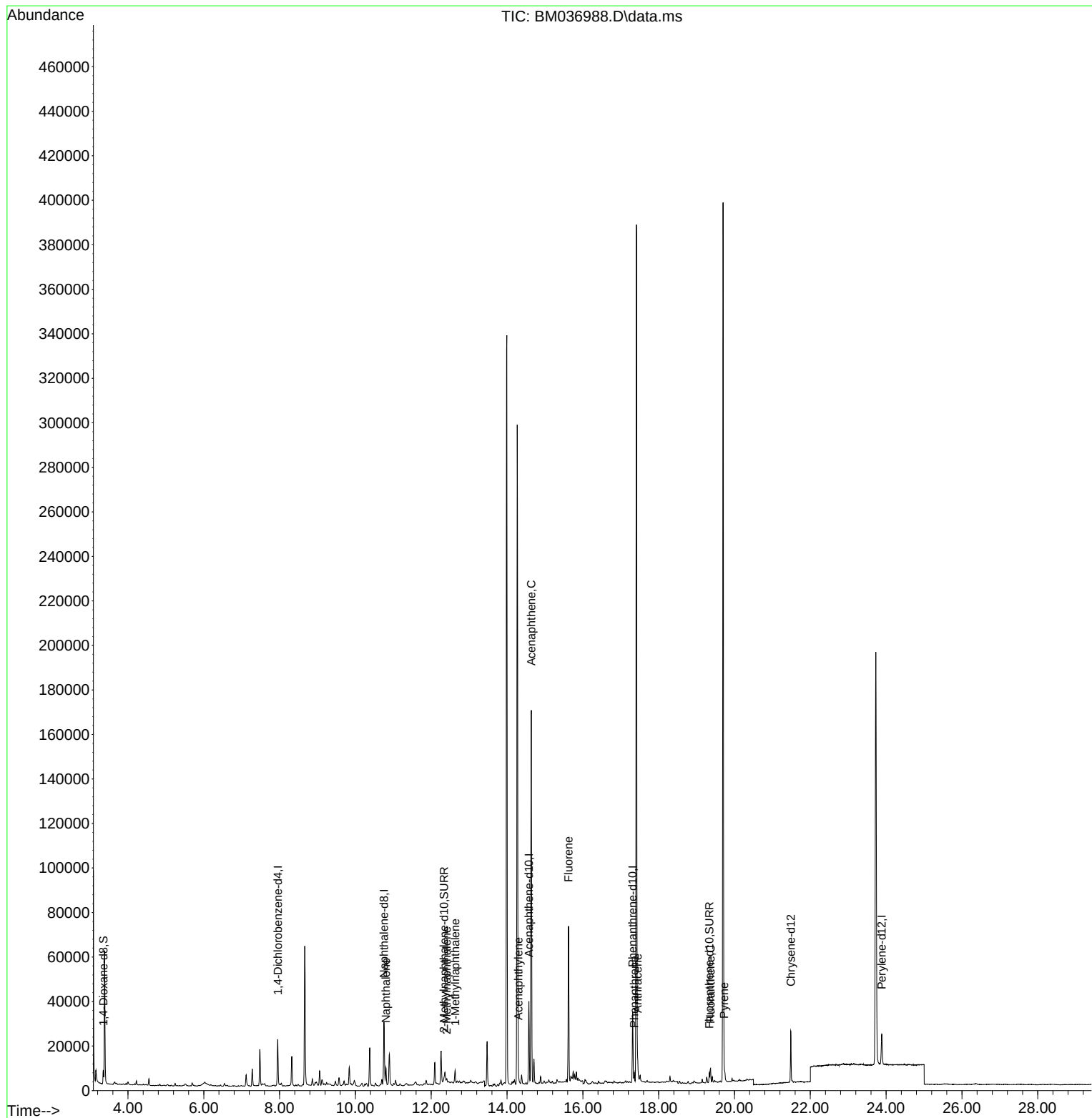
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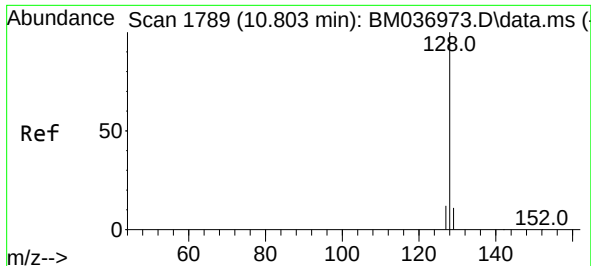
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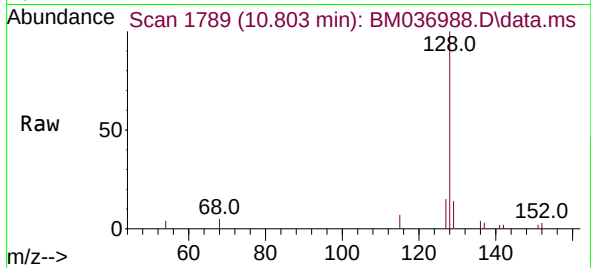
Quant Time: Oct 12 23:12:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
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#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

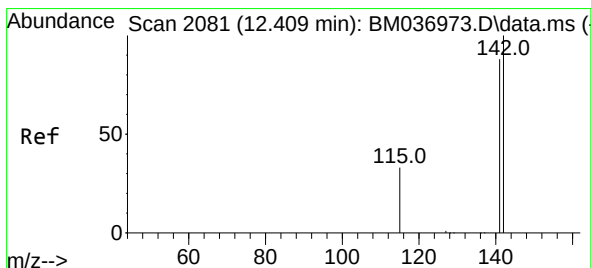
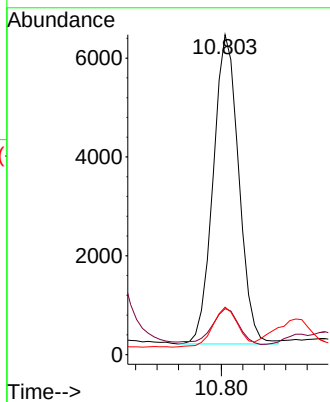
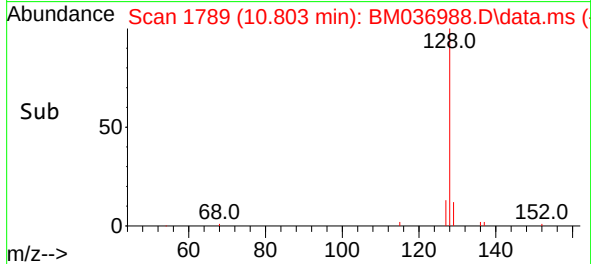
Instrument :
BNA_M
ClientSampleId :
CB8X7DL



Tgt Ion:128 Resp: 10383
Ion Ratio Lower Upper
128 100
129 14.4 10.2 15.2
127 14.8 11.7 17.5

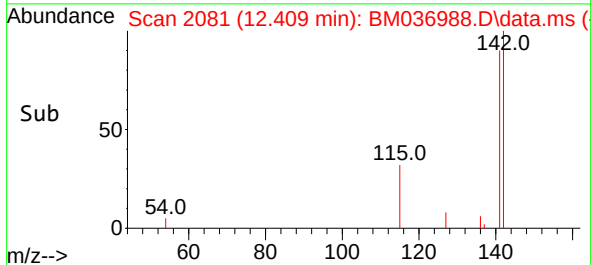
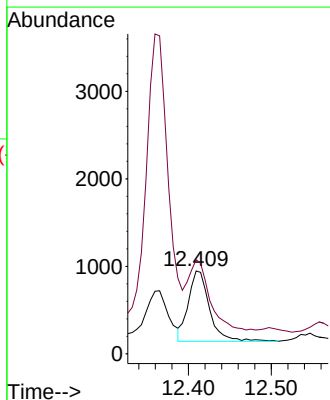
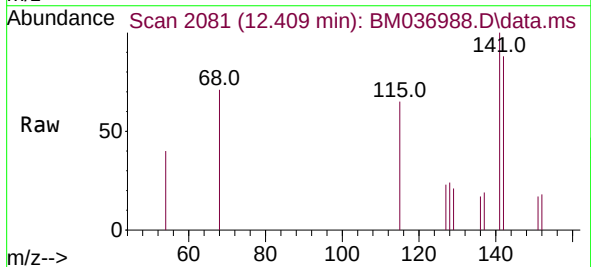
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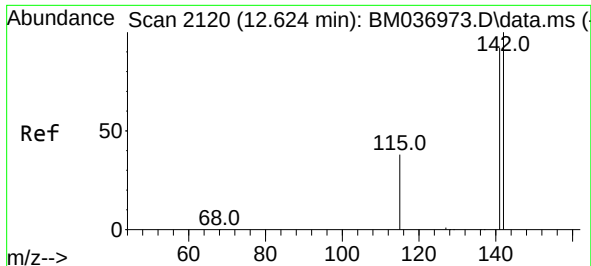
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#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

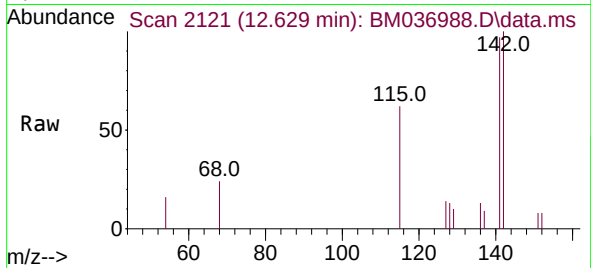
Tgt Ion:142 Resp: 1420
Ion Ratio Lower Upper
142 100
141 100.4 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

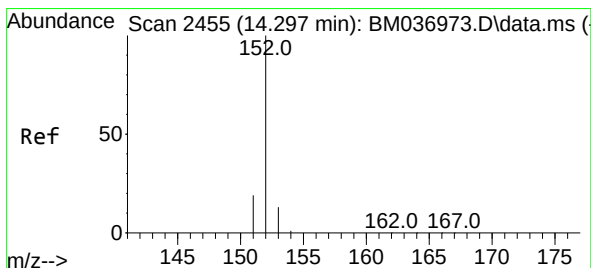
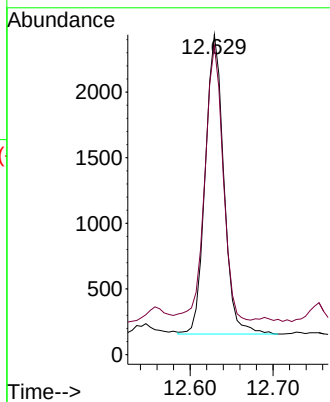
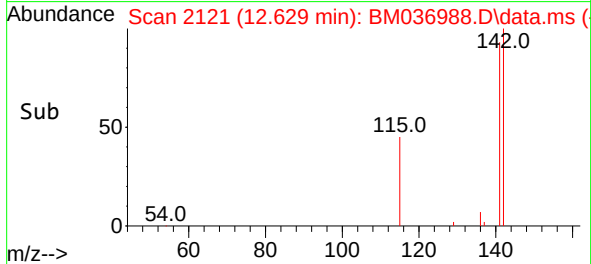
Instrument :
BNA_M
ClientSampleId :
CB8X7DL



Tgt Ion:142 Resp: 3552
Ion Ratio Lower Upper
142 100
141 90.1 74.1 111.1

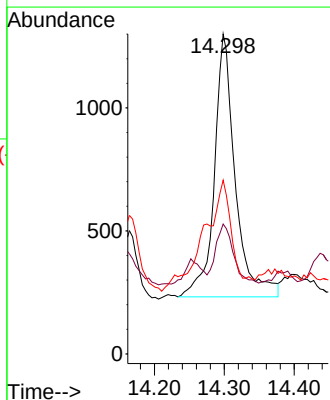
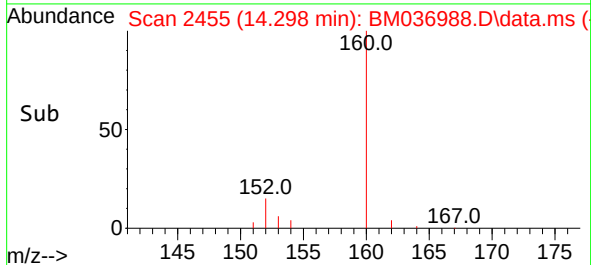
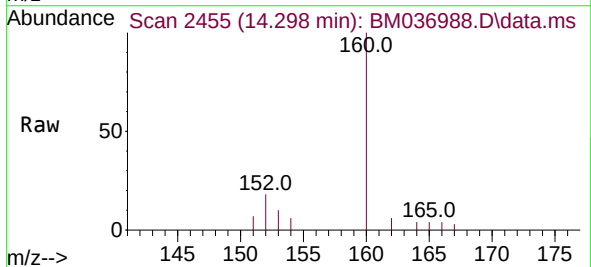
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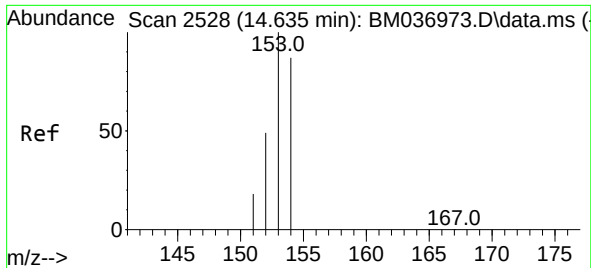
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Supervised By :mohammad ahmed 10/14/2022



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

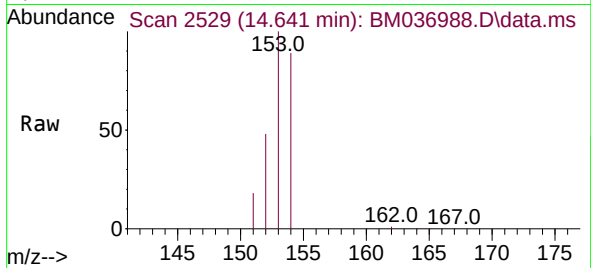
Tgt Ion:152 Resp: 2225
Ion Ratio Lower Upper
152 100
151 40.6 16.6 24.8#
153 54.3 11.4 17.0#





#11
Acenaphthene
Concen: 1.269 ng/u1
RT: 14.641 min Scan# 2529
Delta R.T. 0.001 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

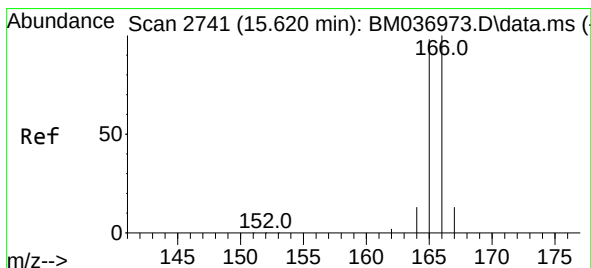
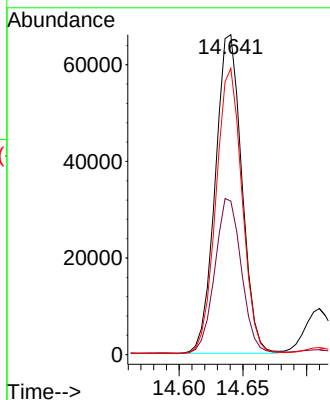
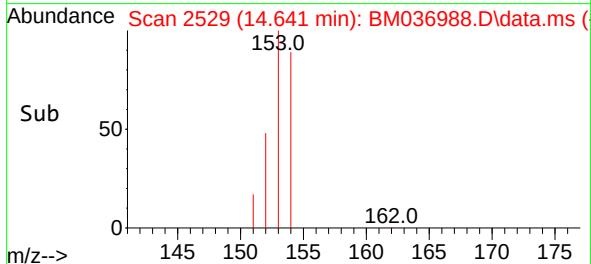
Instrument :
BNA_M
ClientSampleId :
CB8X7DL



Tgt Ion:153 Resp: 95523
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.4
154 89.4 69.7 104.5

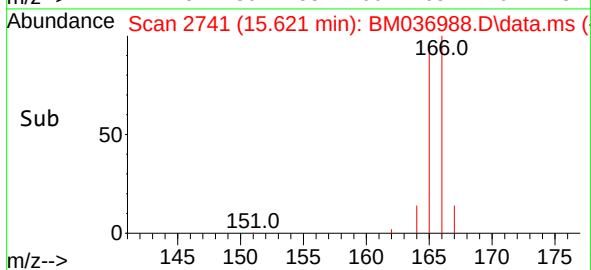
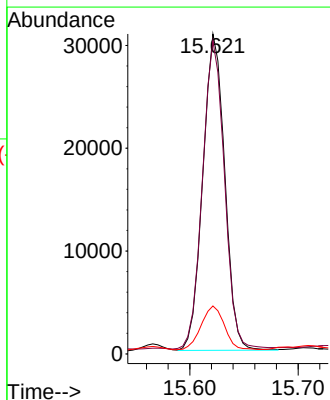
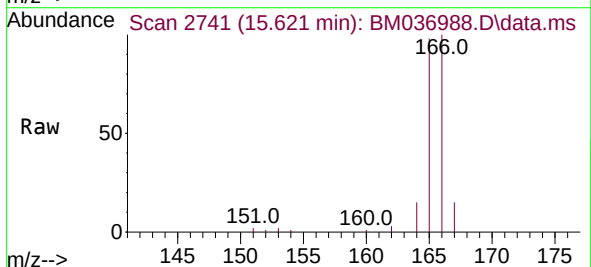
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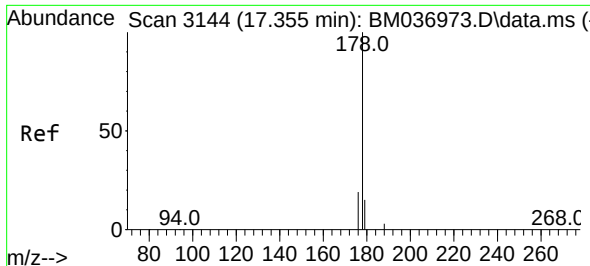
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#12
Fluorene
Concen: 0.508 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

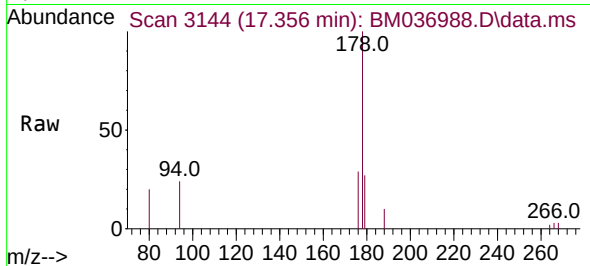
Tgt Ion:166 Resp: 43315
Ion Ratio Lower Upper
166 100
165 97.9 78.9 118.3
167 15.0 11.3 16.9





#15
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

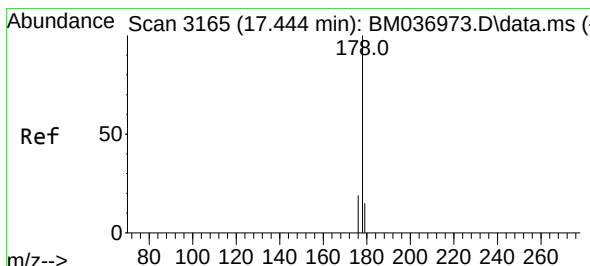
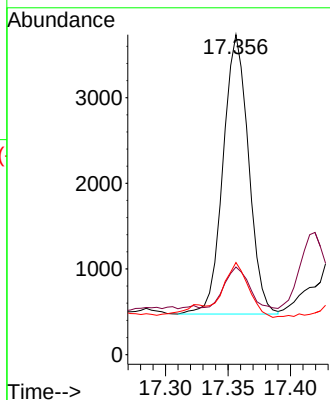
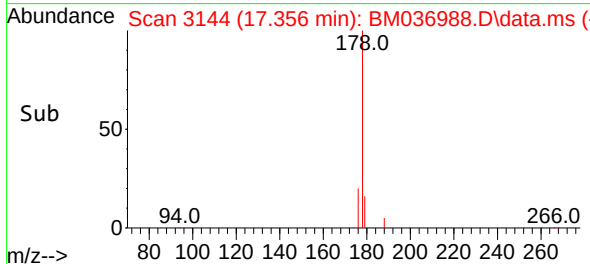
Instrument :
BNA_M
ClientSampleId :
CB8X7DL



Tgt Ion:178 Resp: 4632
Ion Ratio Lower Upper
178 100
179 27.4 13.0 19.6#
176 28.8 15.6 23.4#

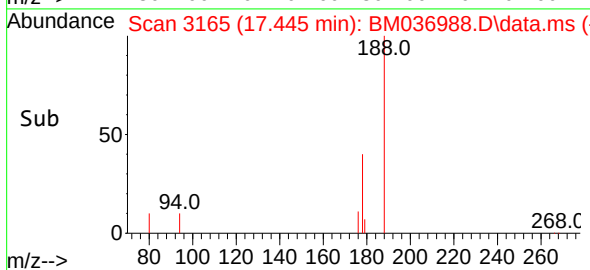
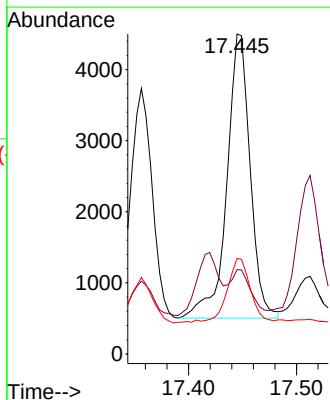
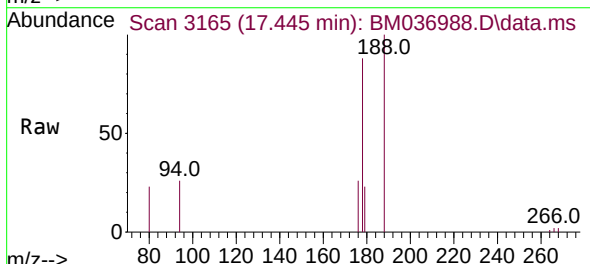
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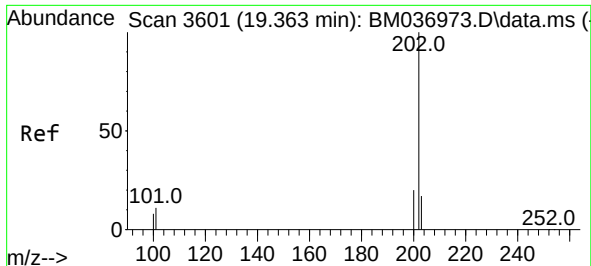
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

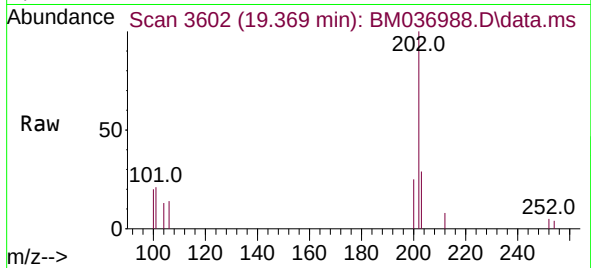
Tgt Ion:178 Resp: 6014
Ion Ratio Lower Upper
178 100
179 26.3 13.6 20.4#
176 29.8 15.6 23.4#





#19
Fluoranthene
Concen: 0.067 ng/ul
RT: 19.369 min Scan# 3601
Delta R.T. 0.006 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

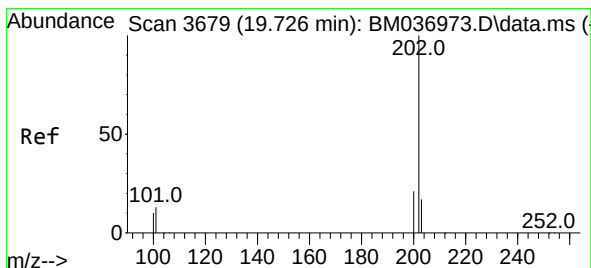
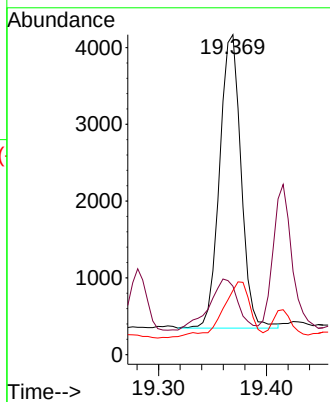
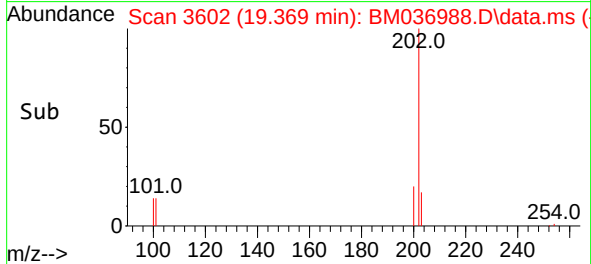
Instrument :
BNA_M
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Tgt Ion:202 Resp: 5275
Ion Ratio Lower Upper
202 100
101 21.4 10.1 15.1#
100 20.0 7.9 11.9#

Manual Integrations
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#20
Pyrene
Concen: 0.043 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036988.D
Acq: 12 Oct 2022 17:43

Tgt Ion:202 Resp: 3553
Ion Ratio Lower Upper
202 100
101 25.4 12.0 18.0#
100 20.1 9.8 14.6#

