

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043178.D
 Acq On : 04 Dec 2023 16:17
 Operator : MA/JU
 Sample : 05582-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6

Manual Integrations
 APPROVED

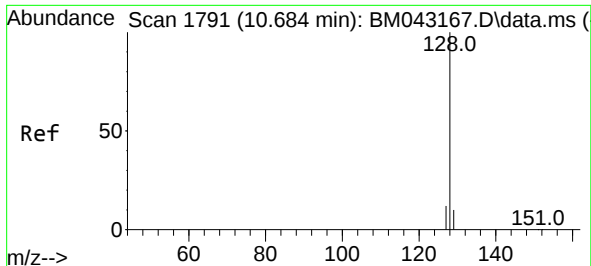
Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 04 16:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:54:55 2023
 Response via : Initial Calibration

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

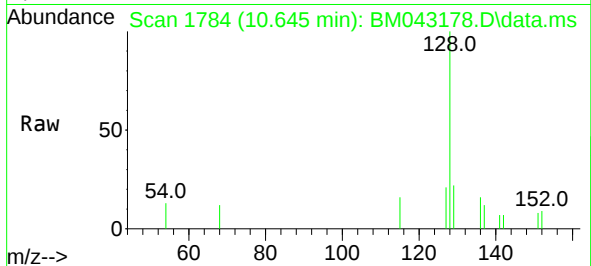
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1075	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.590	136	3259	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.437	164	2557	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.196	188	5963m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.385	240	4360m	0.400	ng/ul	-0.02
23) Perylene-d12	23.729	264	3518m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	4224	2.561	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.185	152	1342	0.308	ng/ul	-0.04
18) Fluoranthene-d10	19.225	212	5691	0.358	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	1354	0.153	ng/ul	97
7) 2-Methylnaphthalene	12.262	142	184	0.035	ng/ul	92
8) 1-Methylnaphthalene	12.476	142	2008	0.345	ng/ul	98
10) Acenaphthylene	14.164	152	14492	1.110	ng/ul	97
11) Acenaphthene	14.507	153	2592846	262.240	ng/ul	95
12) Fluorene	15.492	166	401203	39.517	ng/ul	97
15) Phenanthrene	17.234	178	14079m	0.827	ng/ul	
16) Anthracene	17.327	178	55482m	3.441	ng/ul	
19) Fluoranthene	19.253	202	386154	15.622	ng/ul#	93
20) Pyrene	19.620	202	202837	7.716	ng/ul#	94
21) Benzo(a)anthracene	21.371	228	6747	0.477	ng/ul	98
22) Chrysene	21.423	228	1680m	0.064	ng/ul	

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



#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.645 min Scan# 1791
Delta R.T. -0.022 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

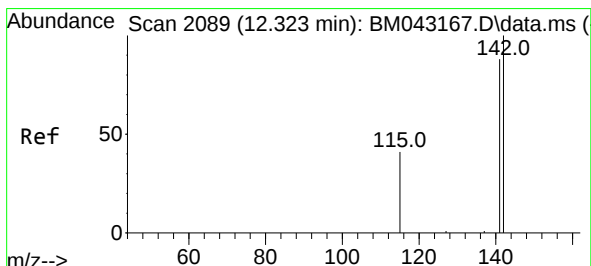
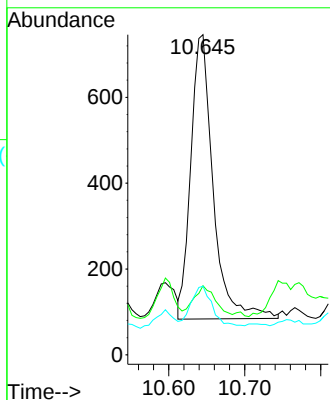
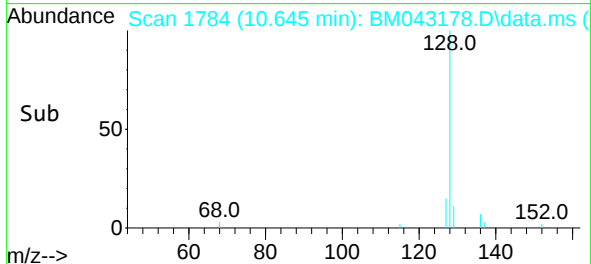
Instrument :
BNA_M
ClientSampleId :
C0AJ6



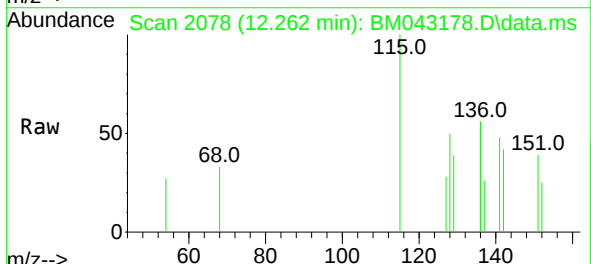
Tgt Ion:128 Resp: 1354
Ion Ratio Lower Upper
128 100
129 21.6 16.0 24.0
127 21.4 16.5 24.7

Manual Integrations
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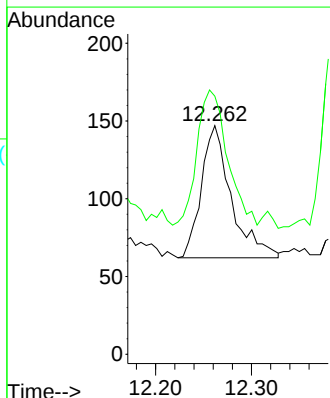
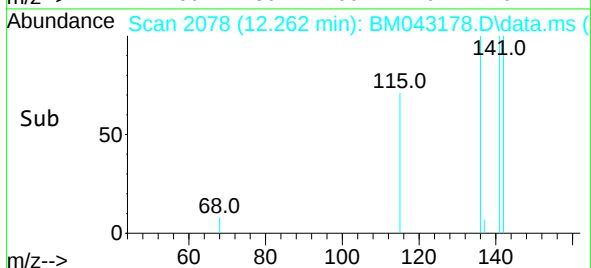
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

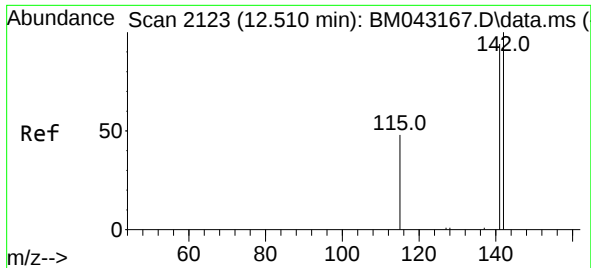


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.262 min Scan# 2078
Delta R.T. -0.033 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17



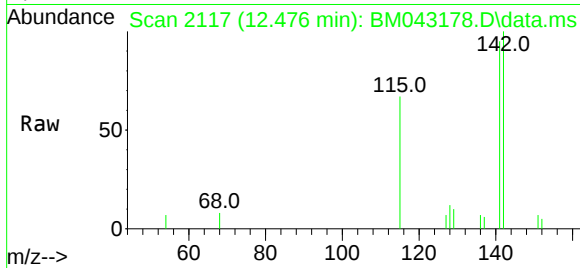
Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
141 103.3 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.476 min Scan# 2117
Delta R.T. -0.022 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

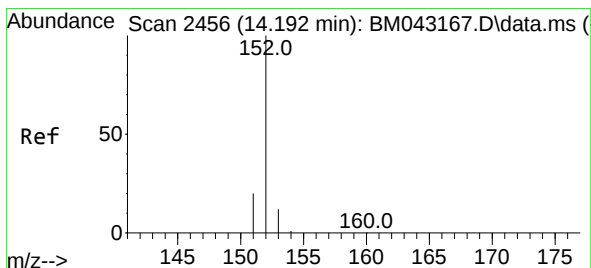
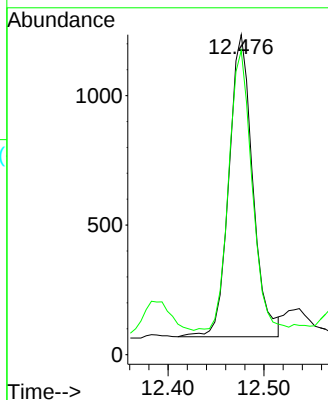
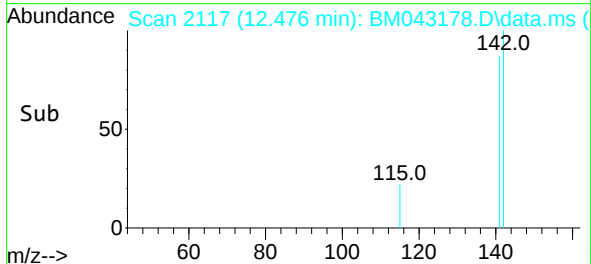
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:142 Resp: 2008
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.8

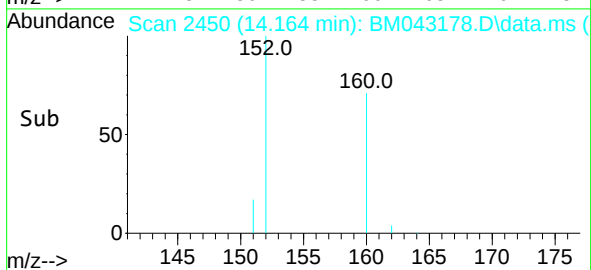
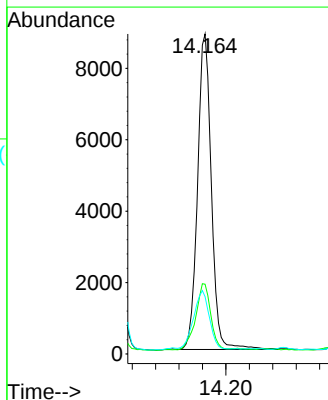
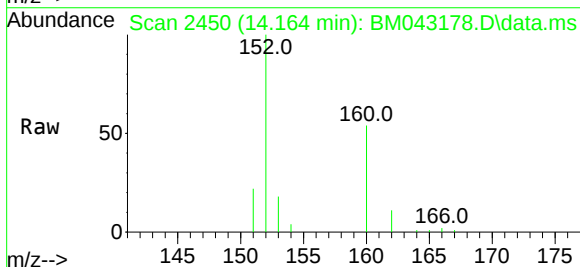
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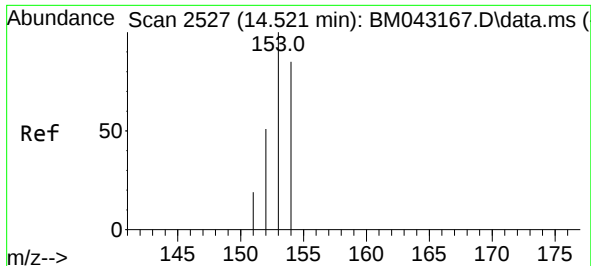
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#10
Acenaphthylene
Concen: 1.110 ng/ul
RT: 14.164 min Scan# 2450
Delta R.T. -0.019 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

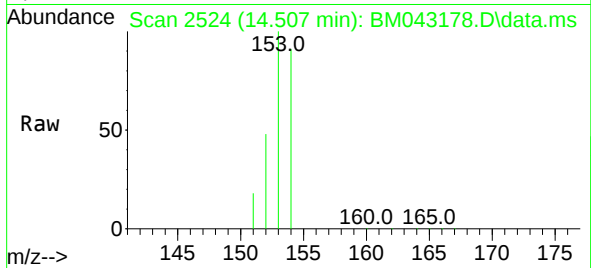
Tgt Ion:152 Resp: 14492
Ion Ratio Lower Upper
152 100
151 21.8 19.4 29.0
153 17.9 14.6 21.8





#11
Acenaphthene
Concen: 262.240 ng/ul
RT: 14.507 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

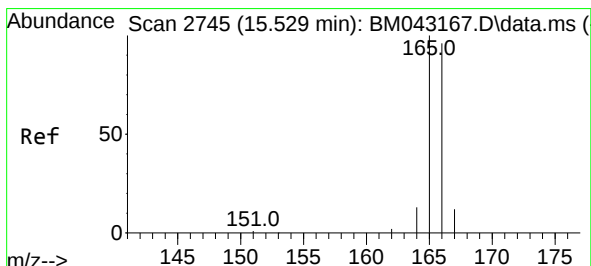
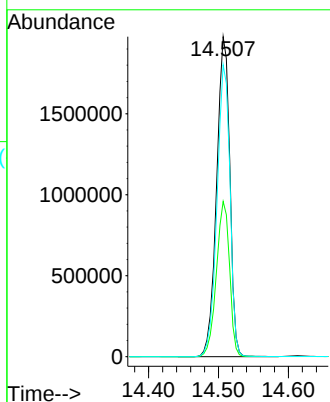
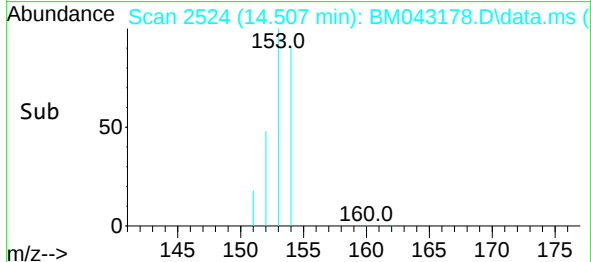
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:153 Resp: 2592840
Ion Ratio Lower Upper
153 100
152 48.5 43.9 65.9
154 91.2 70.6 105.8

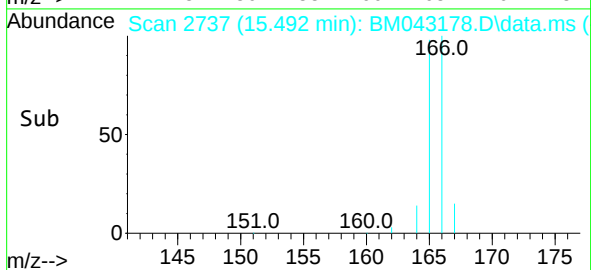
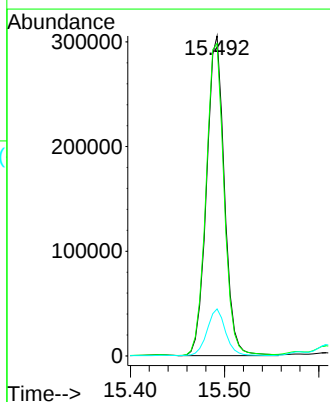
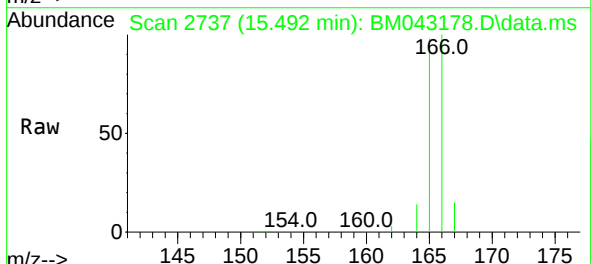
Manual Integrations
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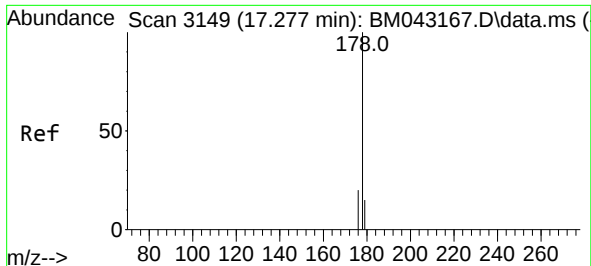
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#12
Fluorene
Concen: 39.517 ng/ul
RT: 15.492 min Scan# 2737
Delta R.T. -0.023 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

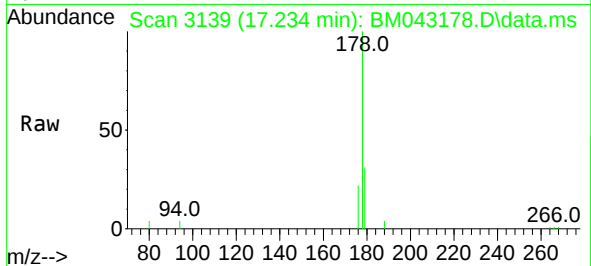
Tgt Ion:166 Resp: 401203
Ion Ratio Lower Upper
166 100
165 97.6 79.9 119.9
167 14.7 14.2 21.4





#15
Phenanthrene
Concen: 0.827 ng/ul m
RT: 17.234 min Scan# 3119
Delta R.T. -0.025 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

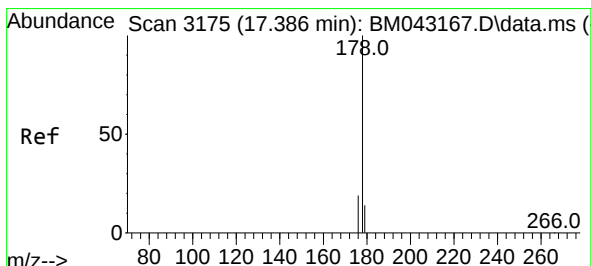
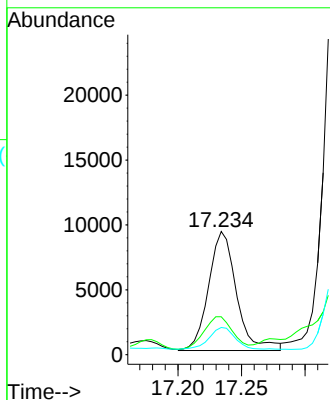
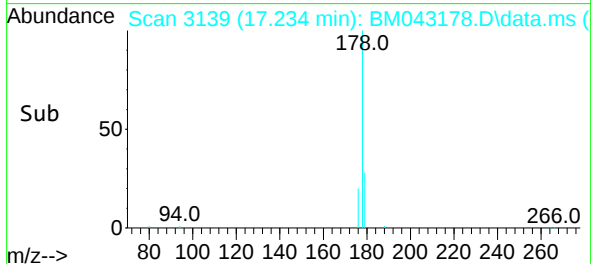
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:178 Resp: 14079
Ion Ratio Lower Upper
178 100
179 30.8 15.7 23.5#
176 22.0 18.9 28.3#

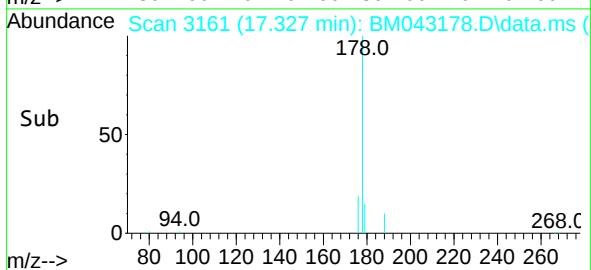
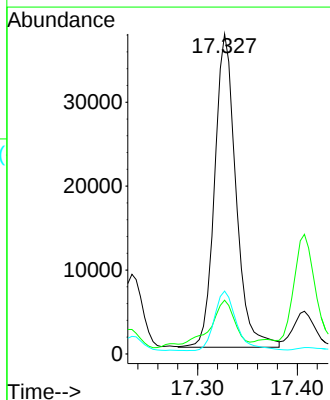
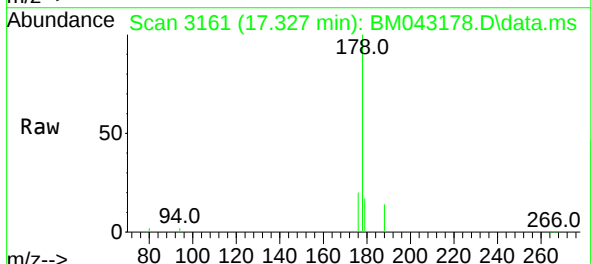
Manual Integrations
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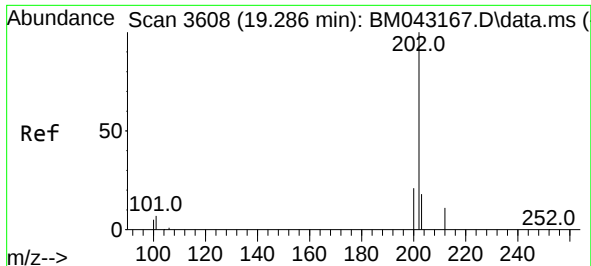
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#16
Anthracene
Concen: 3.441 ng/ul m
RT: 17.327 min Scan# 3161
Delta R.T. -0.034 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

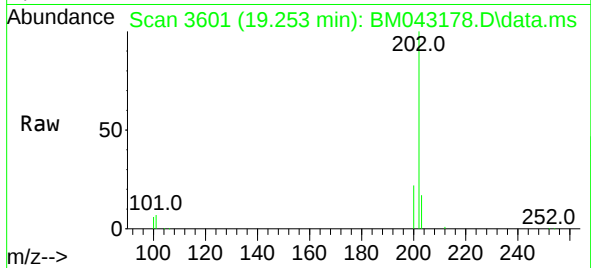
Tgt Ion:178 Resp: 55482
Ion Ratio Lower Upper
178 100
179 16.8 17.3 25.9#
176 19.7 20.5 30.7#





#19
Fluoranthene
Concen: 15.622 ng/u1
RT: 19.253 min Scan# 3601
Delta R.T. -0.019 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

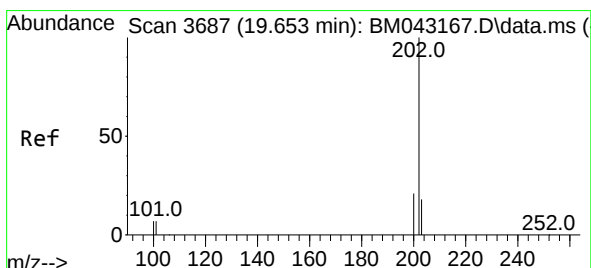
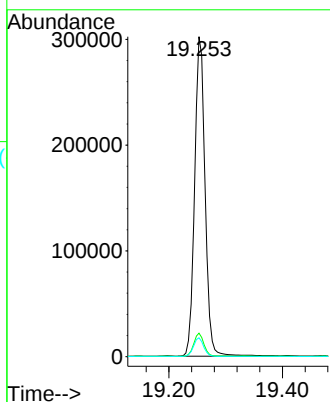
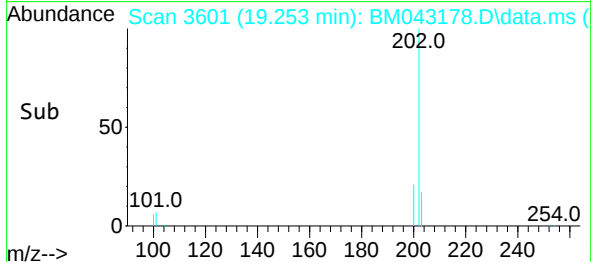
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:202 Resp: 386154
Ion Ratio Lower Upper
202 100
101 7.4 7.8 11.8#
100 5.9 7.1 10.7#

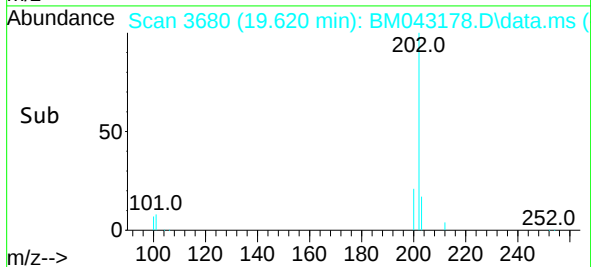
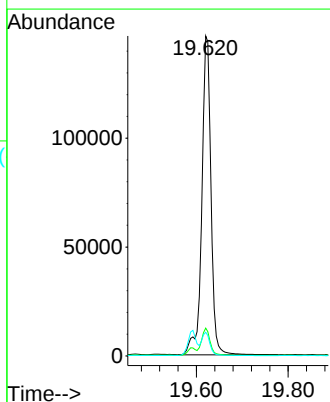
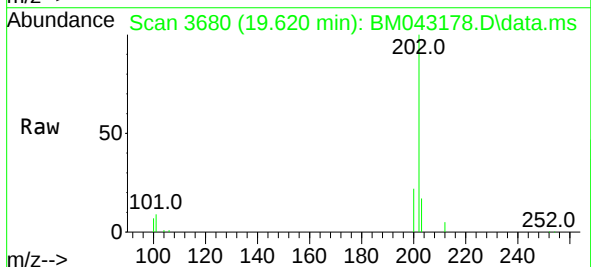
Manual Integrations
APPROVED

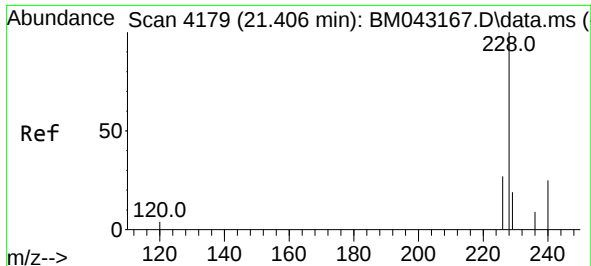
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#20
Pyrene
Concen: 7.716 ng/u1
RT: 19.620 min Scan# 3680
Delta R.T. -0.019 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

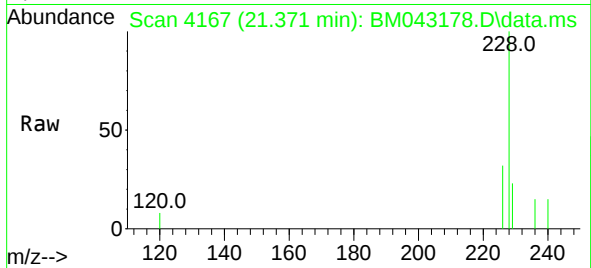
Tgt Ion:202 Resp: 202837
Ion Ratio Lower Upper
202 100
101 8.7 8.7 13.1#
100 7.4 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.477 ng/ul
RT: 21.371 min Scan# 4179
Delta R.T. -0.018 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17

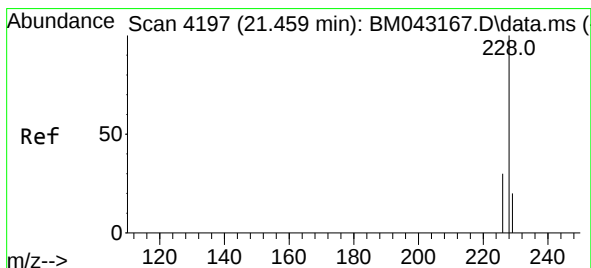
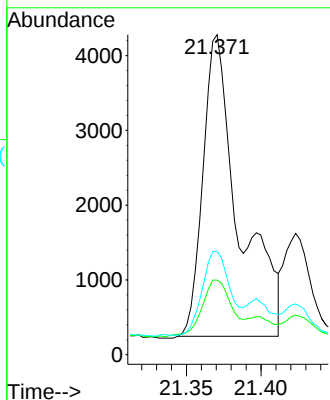
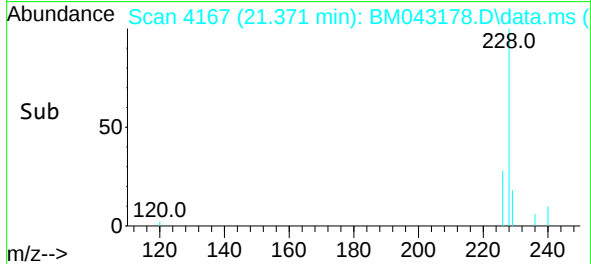
Instrument :
BNA_M
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C0AJ6



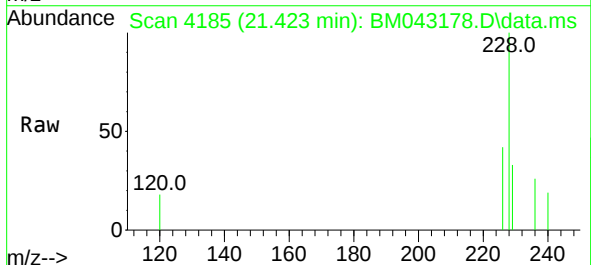
Tgt Ion:228 Resp: 674
Ion Ratio Lower Upper
228 100
229 23.3 19.4 29.0
226 32.2 24.9 37.3

Manual Integrations
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Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#22
Chrysene
Concen: 0.064 ng/ul m
RT: 21.423 min Scan# 4185
Delta R.T. -0.015 min
Lab File: BM043178.D
Acq: 04 Dec 2023 16:17



Tgt Ion:228 Resp: 1680
Ion Ratio Lower Upper
228 100
226 41.8 27.2 40.8#
229 32.5 18.0 27.0#

