

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043111.D
 Acq On : 01 Dec 2023 07:33
 Operator : MA/JU
 Sample : 05459-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 08:07:34 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1001	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.611	136	3067	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.450	164	1772m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.207	188	3369	0.400	ng/ul	-0.02
17) Chrysene-d12	21.406	240	2189	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	2113m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1064	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	713	0.174	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	1556	0.195	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	303	0.036	ng/ul#	58
7) 2-Methylnaphthalene	12.305	142	212	0.043	ng/ul	85
8) 1-Methylnaphthalene	12.508	142	187	0.034	ng/ul	89
12) Fluorene	15.505	166	215	0.031	ng/ul#	89
15) Phenanthrene	17.250	178	2926	0.304	ng/ul	99
16) Anthracene	17.343	178	747m	0.082	ng/ul	
19) Fluoranthene	19.270	202	4008	0.323	ng/ul	97
20) Pyrene	19.633	202	3272	0.248	ng/ul	98
21) Benzo(a)anthracene	21.392	228	1539	0.217	ng/ul	95
22) Chrysene	21.441	228	1597	0.121	ng/ul	94
24) Benzo(b)fluoranthene	23.028	252	1582	0.222	ng/ul	78
25) Benzo(k)fluoranthene	23.069	252	1054m	0.107	ng/ul	
26) Benzo(a)pyrene	23.642	252	1055	0.136	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.232	276	920	0.087	ng/ul#	100
29) Benzo(g,h,i)perylene	26.993	276	634	0.062	ng/ul#	63

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

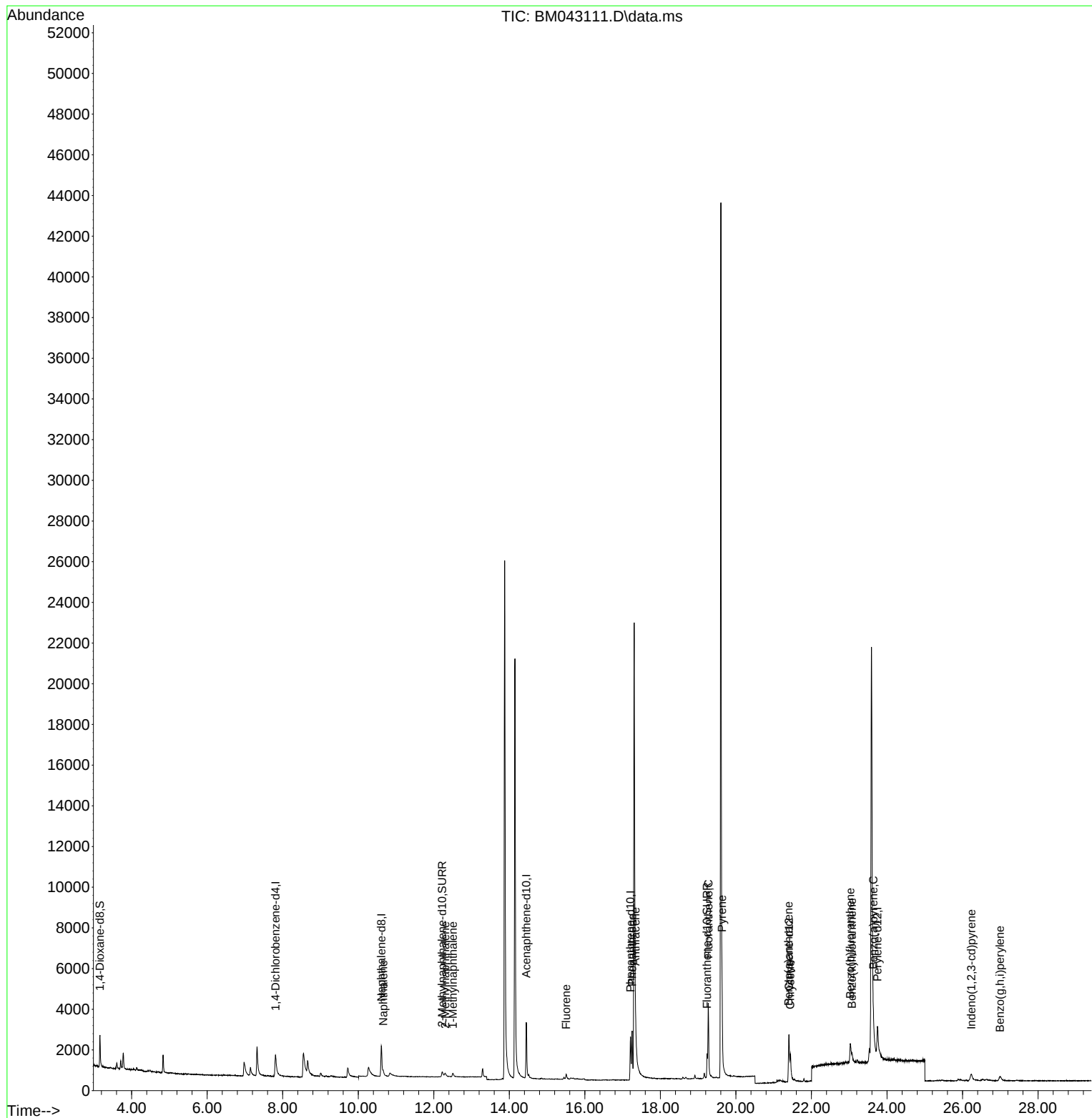
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Data File : BM043111.D
Acq On : 01 Dec 2023 07:33
Operator : MA/JU
Sample : 05459-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

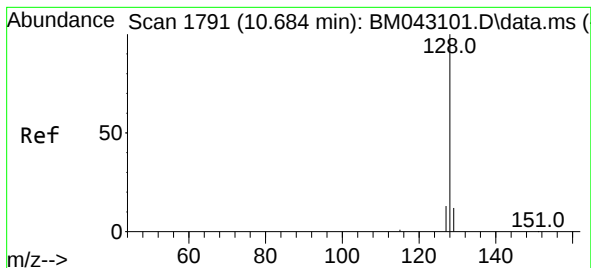
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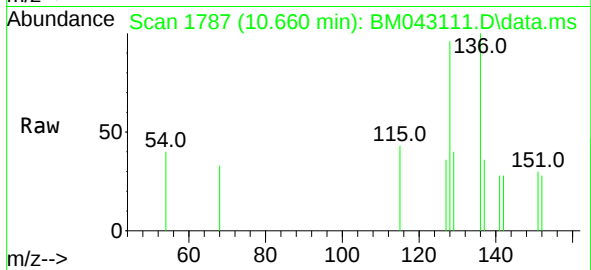
Quant Time: Dec 01 08:07:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
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#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.660 min Scan# 1791
Delta R.T. -0.029 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

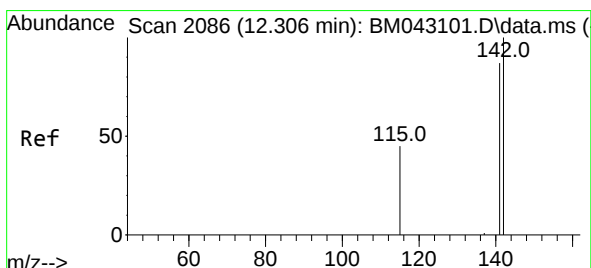
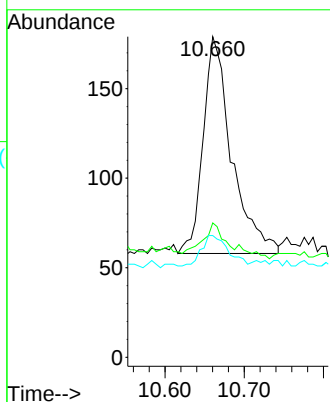
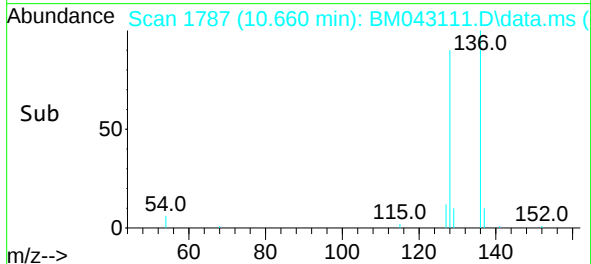
Instrument :
BNA_M
ClientSampleId :
C0AJ7



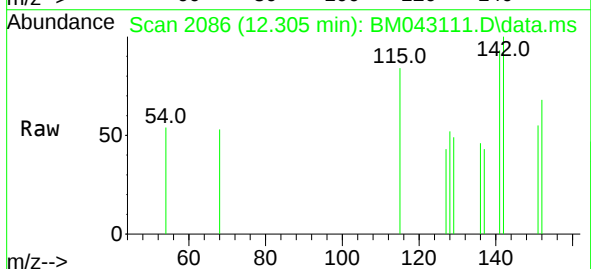
Tgt Ion:128 Resp: 300
Ion Ratio Lower Upper
128 100
129 41.9 16.0 24.0
127 38.0 16.5 24.7

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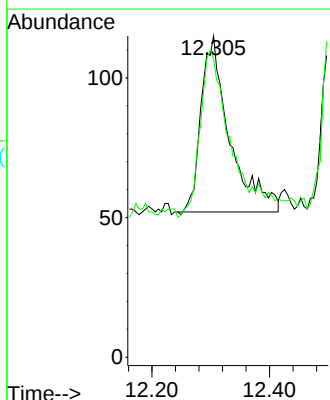
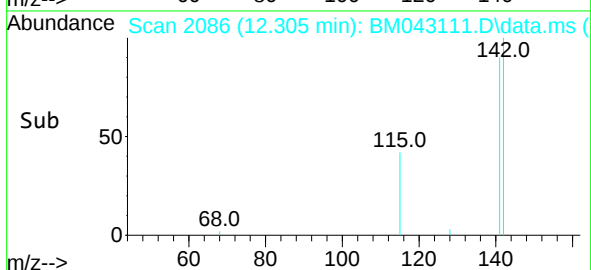
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

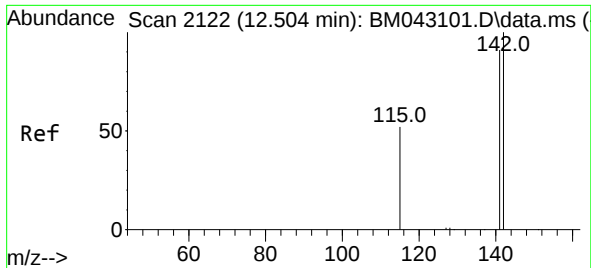


#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.305 min Scan# 2086
Delta R.T. -0.007 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33



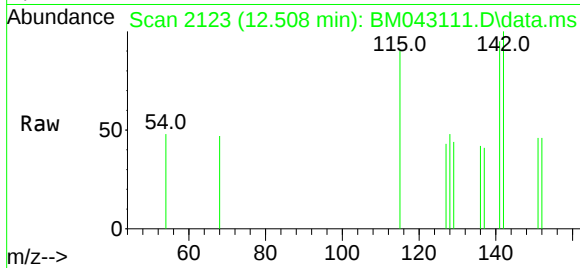
Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
141 109.9 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.034 ng/uI
RT: 12.508 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

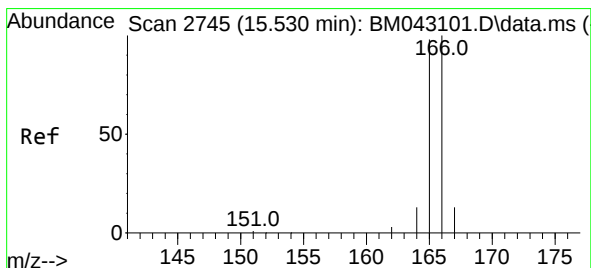
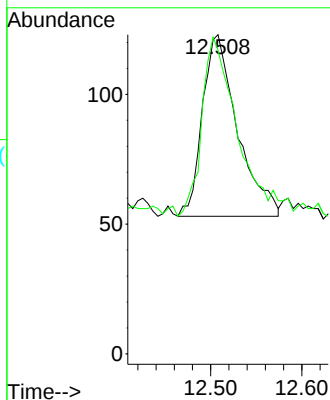
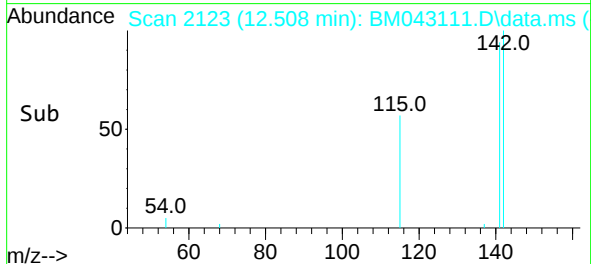
Instrument :
BNA_M
ClientSampleId :
C0AJ7



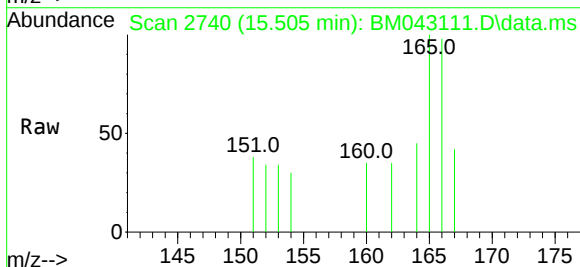
Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
141 103.2 73.8 110.8

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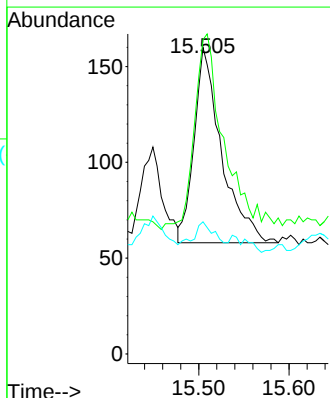
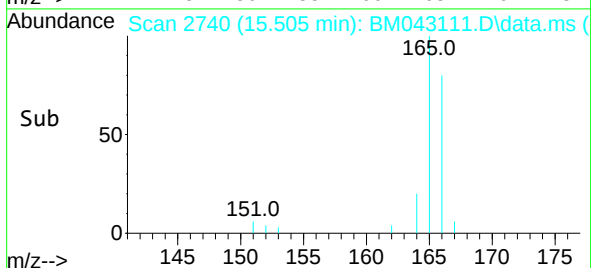
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

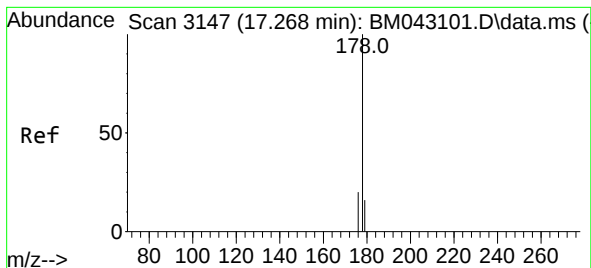


#12
Fluorene
Concen: 0.031 ng/uI
RT: 15.505 min Scan# 2740
Delta R.T. -0.029 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33



Tgt Ion:166 Resp: 215
Ion Ratio Lower Upper
166 100
165 102.5 79.9 119.9
167 43.1 14.2 21.4#





#15

Phenanthrene

Concen: 0.304 ng/ul

RT: 17.250 min Scan# 3147

Delta R.T. -0.022 min

Lab File: BM043111.D

Acq: 01 Dec 2023 07:33

Instrument :

BNA_M

ClientSampleId :

C0AJ7

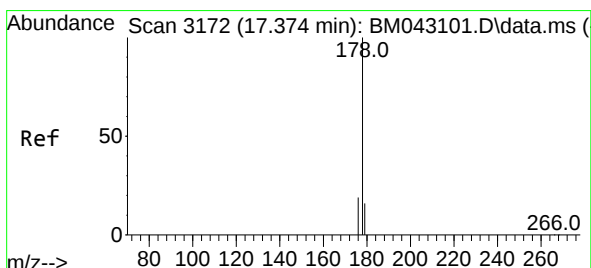
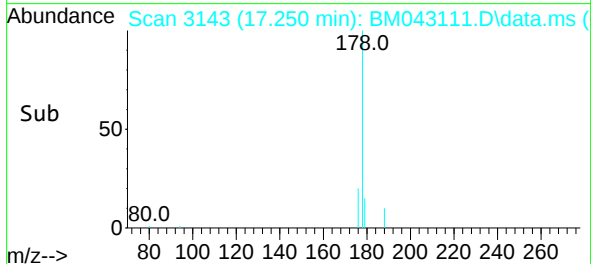
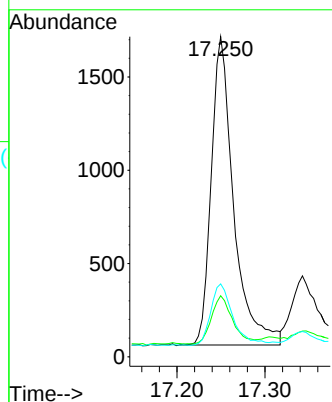
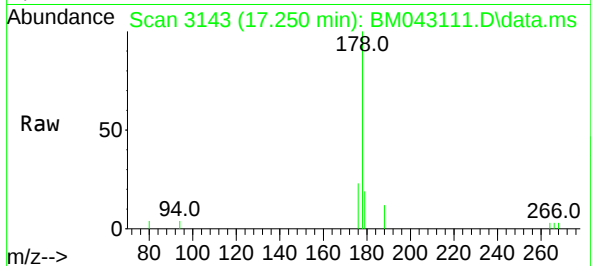
Tgt Ion:178	Resp:	2920
Ion Ratio	Lower	Upper
178	100	
179	19.1	15.7 23.5
176	22.8	18.9 28.3

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#16

Anthracene

Concen: 0.082 ng/ul m

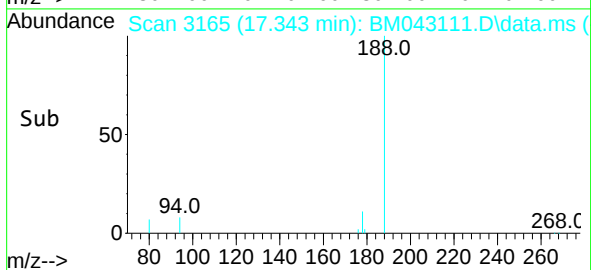
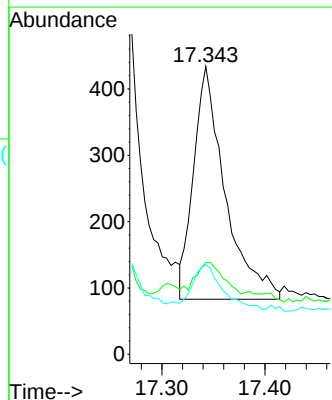
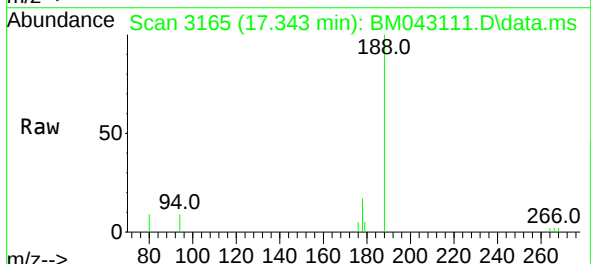
RT: 17.343 min Scan# 3165

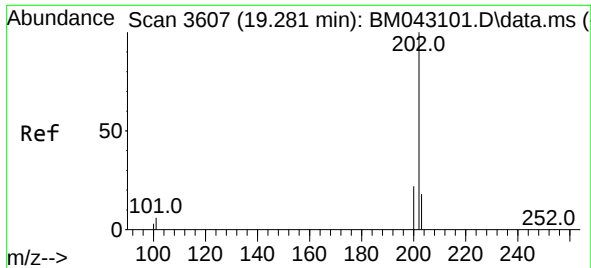
Delta R.T. -0.035 min

Lab File: BM043111.D

Acq: 01 Dec 2023 07:33

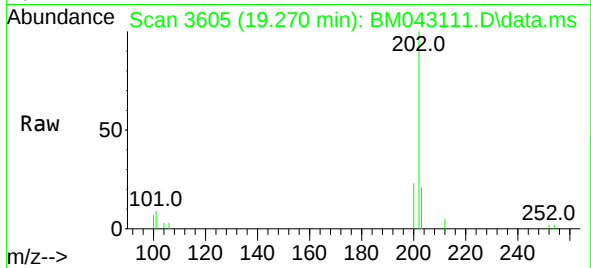
Tgt Ion:178	Resp:	747
Ion Ratio	Lower	Upper
178	100	
179	31.8	17.3 25.9#
176	31.1	20.5 30.7#





#19
Fluoranthene
Concen: 0.323 ng/u1
RT: 19.270 min Scan# 3605
Delta R.T. -0.010 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

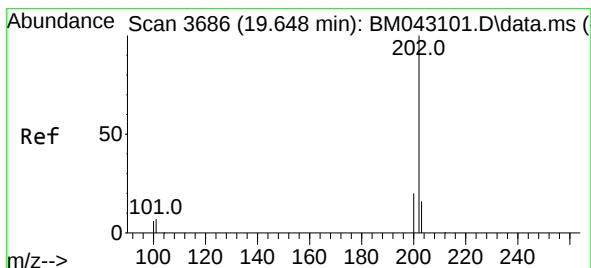
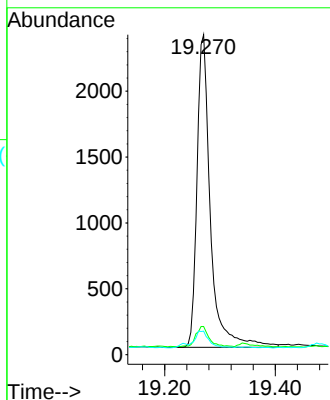
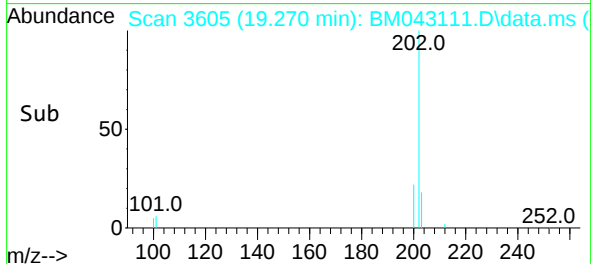
Instrument :
BNA_M
ClientSampleId :
C0AJ7



Tgt Ion:202 Resp: 4008
Ion Ratio Lower Upper
202 100
101 8.8 7.8 11.8
100 7.4 7.1 10.7

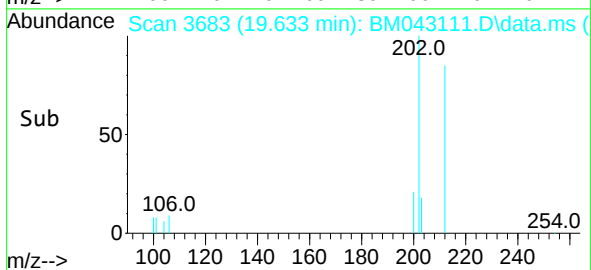
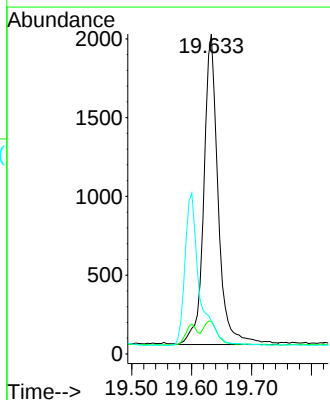
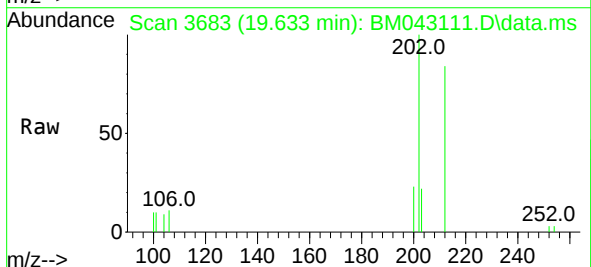
Manual Integrations
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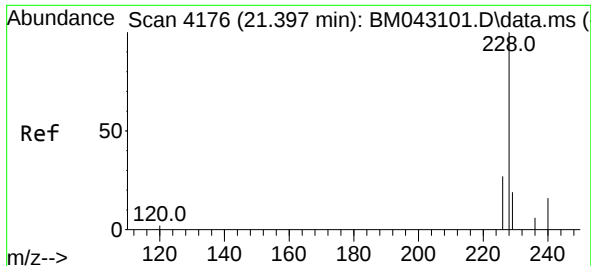
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#20
Pyrene
Concen: 0.248 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.015 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

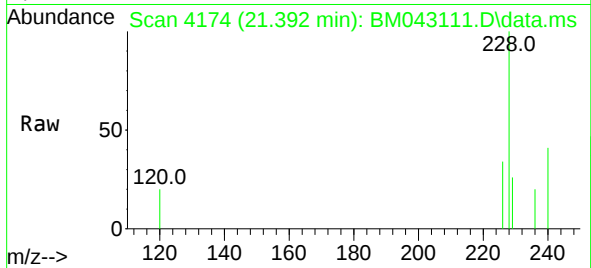
Tgt Ion:202 Resp: 3272
Ion Ratio Lower Upper
202 100
101 10.2 8.7 13.1
100 10.3 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.217 ng/ul
RT: 21.392 min Scan# 4176
Delta R.T. -0.008 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

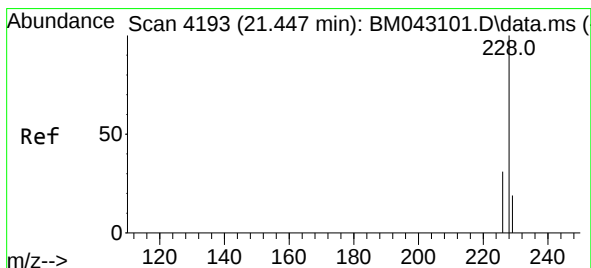
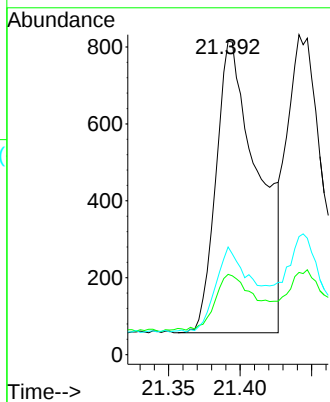
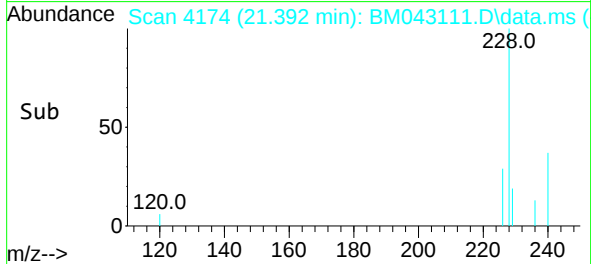
Instrument :
BNA_M
ClientSampleId :
C0AJ7



Tgt Ion:228 Resp: 1539
Ion Ratio Lower Upper
228 100
229 25.6 19.4 29.0
226 34.4 24.9 37.3

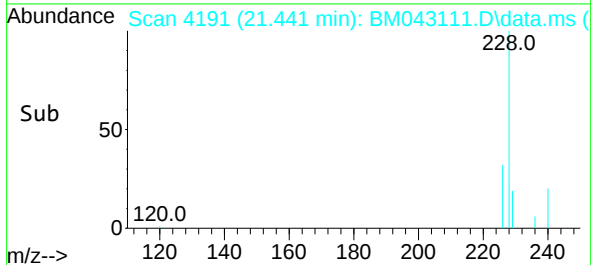
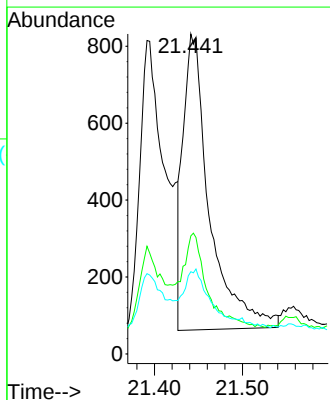
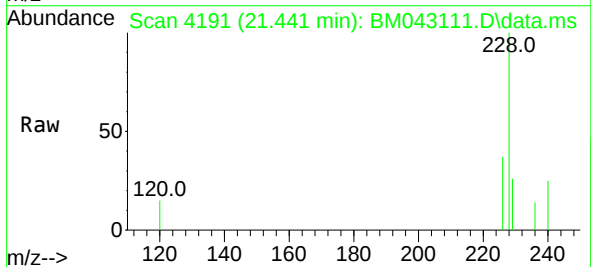
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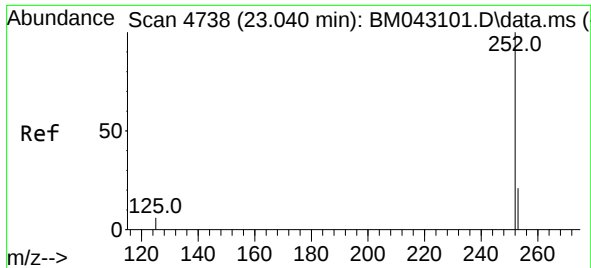
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.008 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

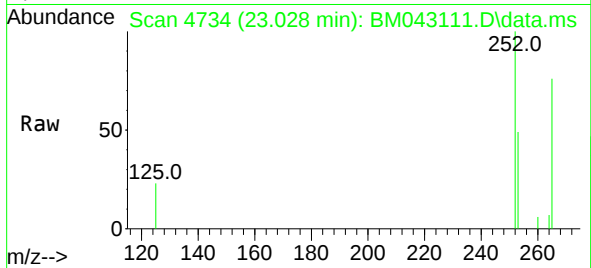
Tgt Ion:228 Resp: 1597
Ion Ratio Lower Upper
228 100
226 36.9 27.2 40.8
229 25.7 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.222 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.008 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

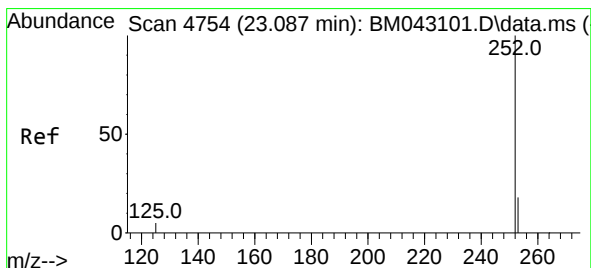
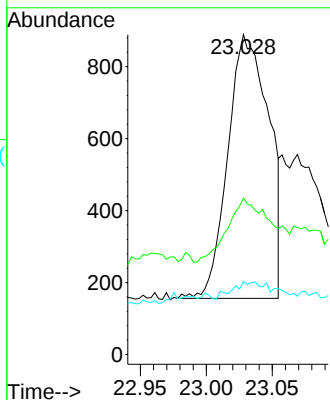
Instrument :
BNA_M
ClientSampleId :
C0AJ7



Tgt Ion:252 Resp: 1582
Ion Ratio Lower Upper
252 100
253 48.9 0.0 71.8
125 22.8 0.0 29.0

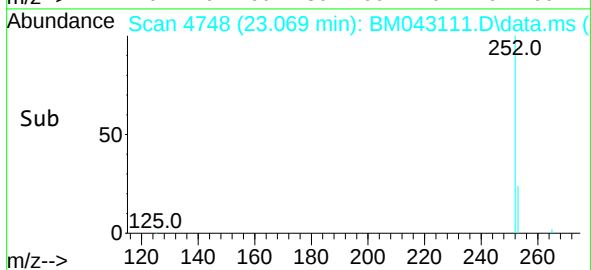
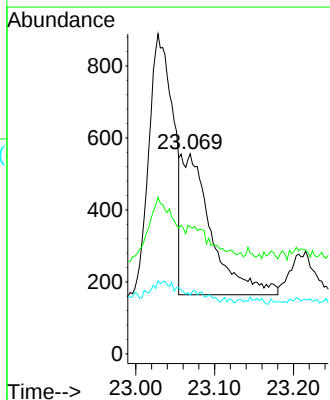
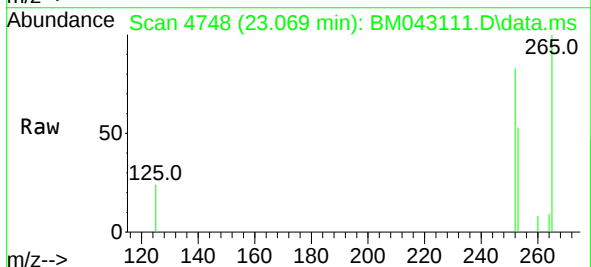
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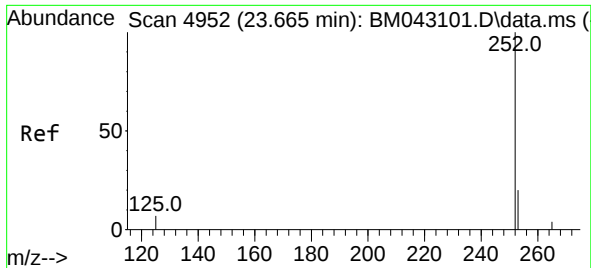
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.069 min Scan# 4748
Delta R.T. -0.020 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

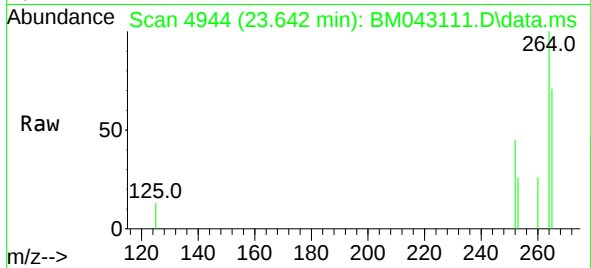
Tgt Ion:252 Resp: 1054
Ion Ratio Lower Upper
252 100
253 63.5 28.2 42.2#
125 29.1 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.136 ng/ul
RT: 23.642 min Scan# 4952
Delta R.T. -0.026 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

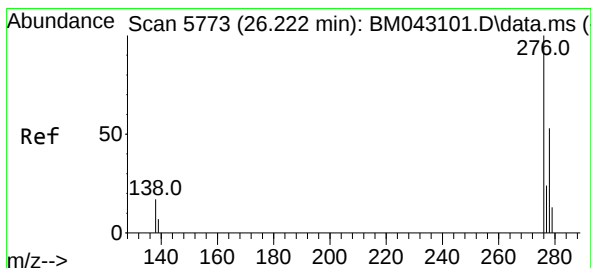
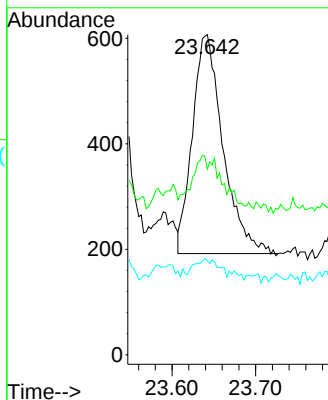
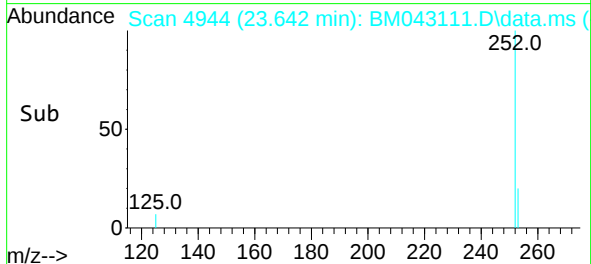
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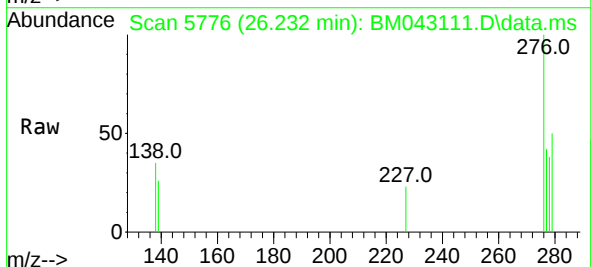
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Ion Ratio Lower Upper
252 100
253 58.0 36.6 55.0#
125 29.5 16.2 24.4#

Manual Integrations
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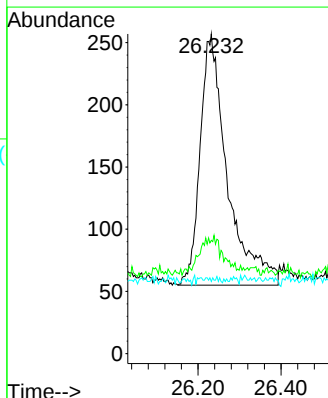
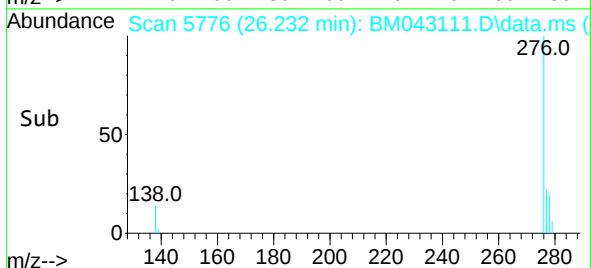
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

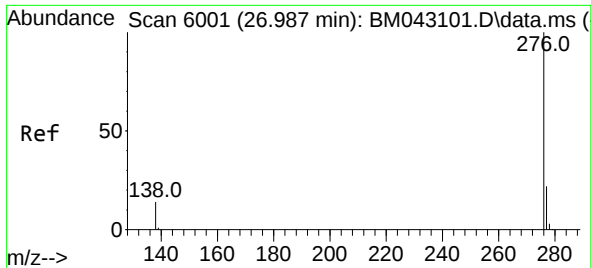


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 26.232 min Scan# 5776
Delta R.T. 0.004 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33



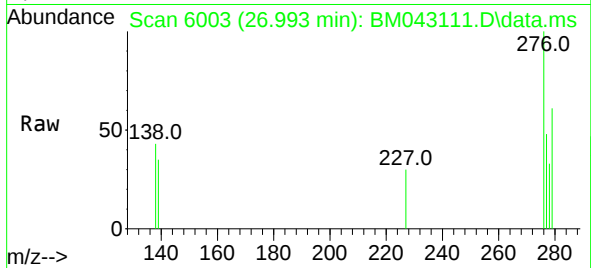
Tgt Ion:276 Resp: 920
Ion Ratio Lower Upper
276 100
138 11.7 0.0 0.0#
227 0.0 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.993 min Scan# 6003
Delta R.T. 0.007 min
Lab File: BM043111.D
Acq: 01 Dec 2023 07:33

Instrument :
BNA_M
ClientSampleId :
C0AJ7



Tgt Ion:276 Resp: 634
Ion Ratio Lower Upper
276 100
138 42.5 17.8 26.8
277 48.0 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

