

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043110.D
 Acq On : 01 Dec 2023 06:57
 Operator : MA/JU
 Sample : 05459-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 07:30:43 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	7.800	152	1235m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.600	136	3532	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	2117m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	4236m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	2811m	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	2630m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	6272	3.310	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	1934	0.409	ng/ul	-0.03
18) Fluoranthene-d10	19.233	212	4600	0.449	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	1134	0.118	ng/ul	98
7) 2-Methylnaphthalene	12.288	142	936	0.165	ng/ul	100
8) 1-Methylnaphthalene	12.497	142	826	0.131	ng/ul	95
15) Phenanthrene	17.245	178	1495	0.124	ng/ul	95
19) Fluoranthene	19.266	202	2570	0.161	ng/ul	97
20) Pyrene	19.628	202	2413	0.142	ng/ul#	87
21) Benzo(a)anthracene	21.391	228	1063	0.117	ng/ul#	85
22) Chrysene	21.444	228	930	0.055	ng/ul#	89
24) Benzo(b)fluoranthene	23.025	252	1270	0.143	ng/ul	67
25) Benzo(k)fluoranthene	23.072	252	658m	0.054	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.229	276	760	0.058	ng/ul#	99
29) Benzo(g,h,i)perylene	26.990	276	834	0.065	ng/ul#	72

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

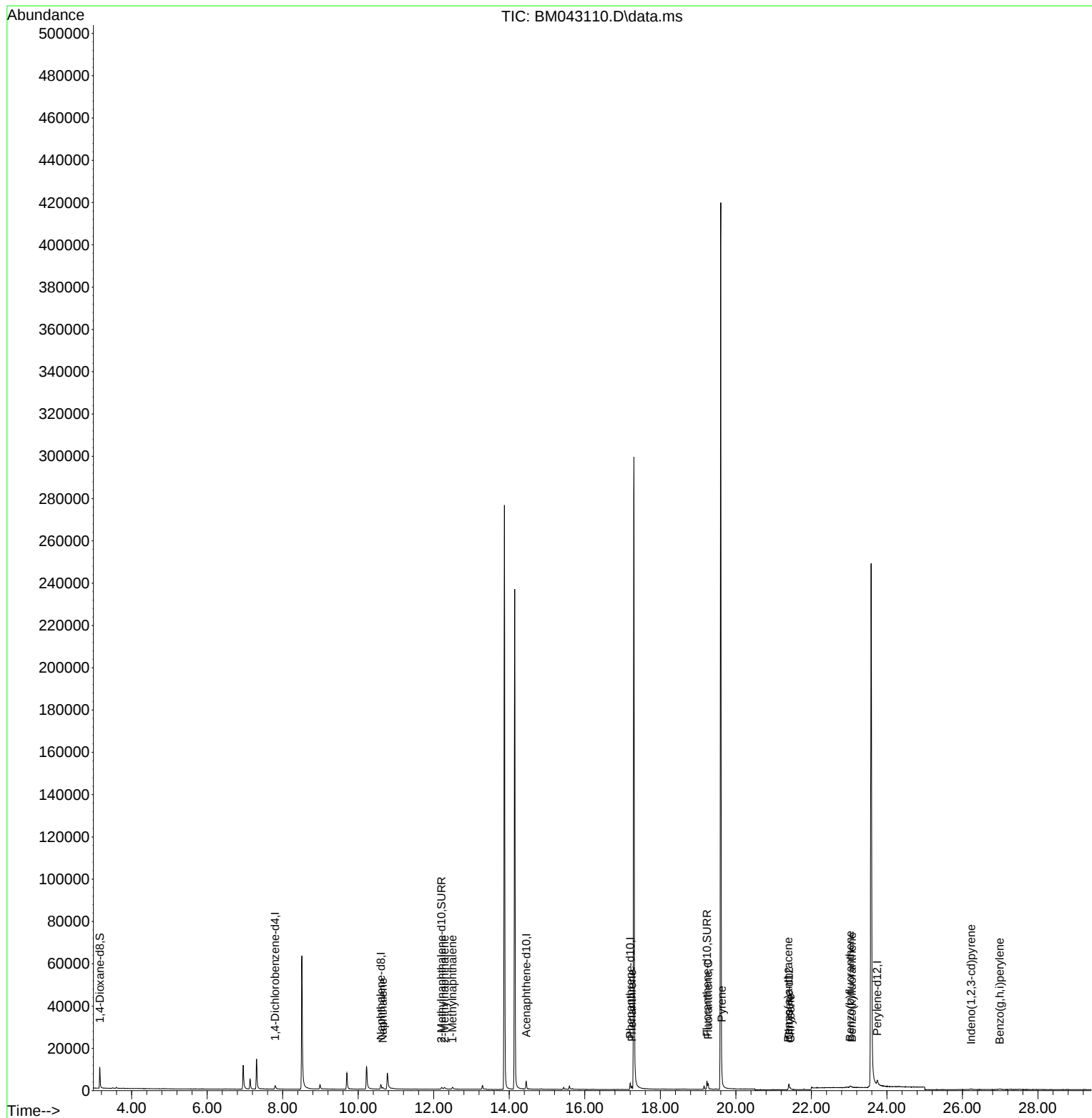
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
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ALS Vial : 27 Sample Multiplier: 1

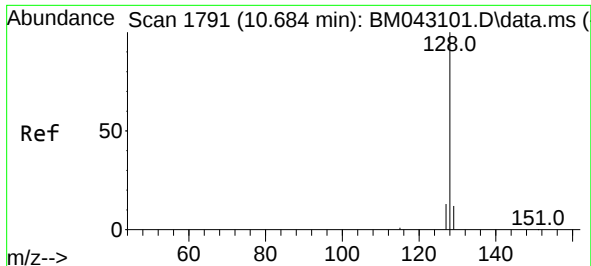
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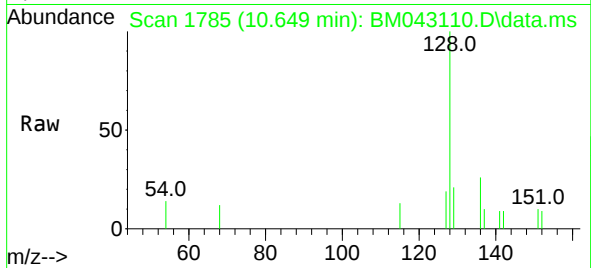
Quant Time: Dec 01 07:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.649 min Scan# 1785
Delta R.T. -0.040 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

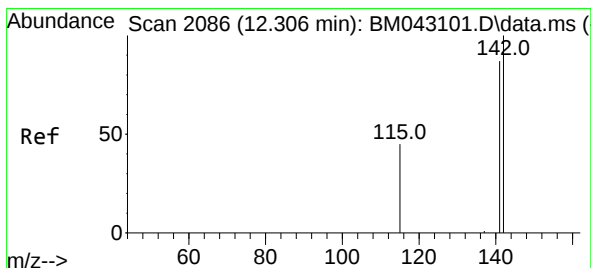
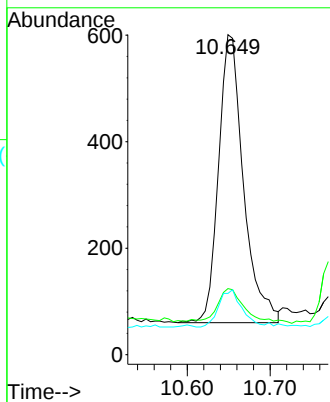
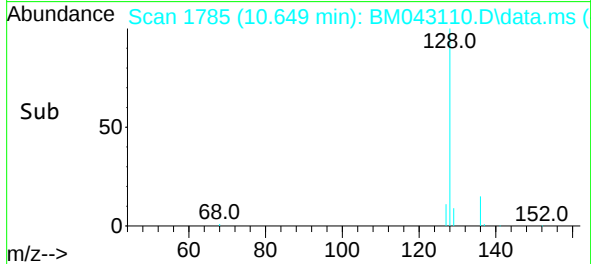
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:128 Resp: 1134
Ion Ratio Lower Upper
128 100
129 20.6 16.0 24.0
127 19.1 16.5 24.7

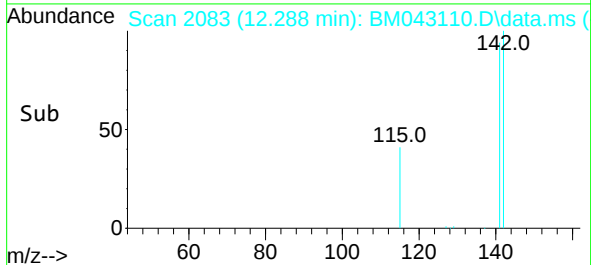
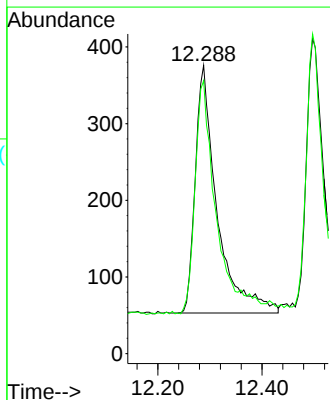
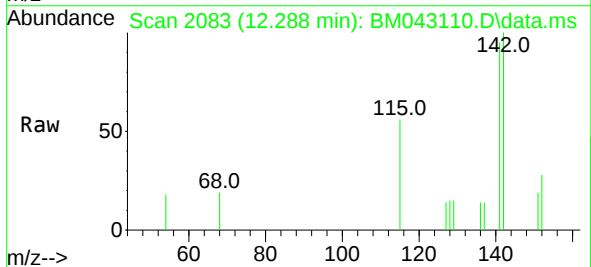
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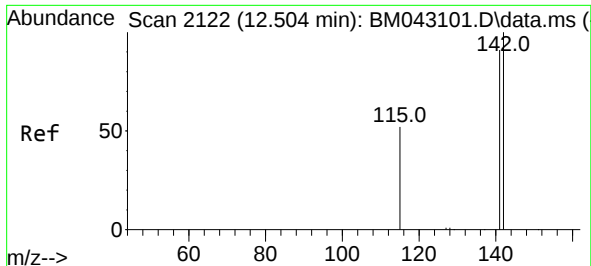
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#7
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.023 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

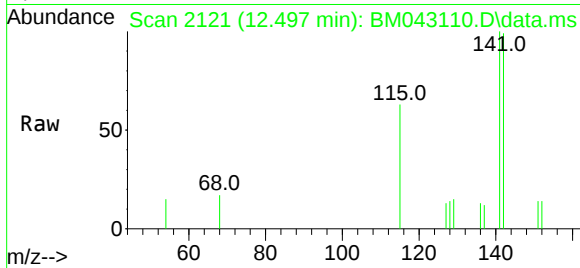
Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
141 94.8 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

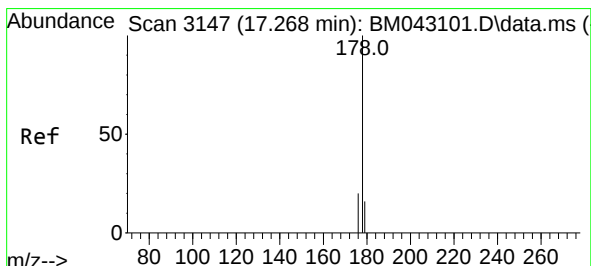
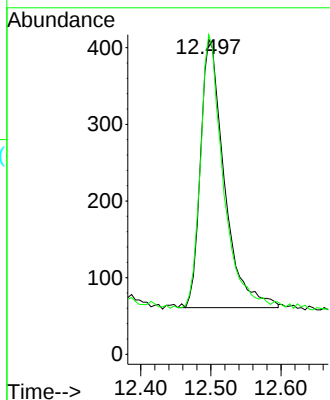
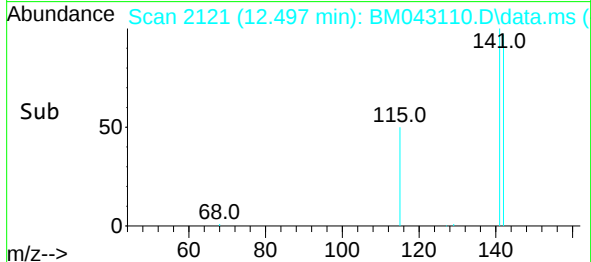
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
142 100
141 97.0 73.8 110.8

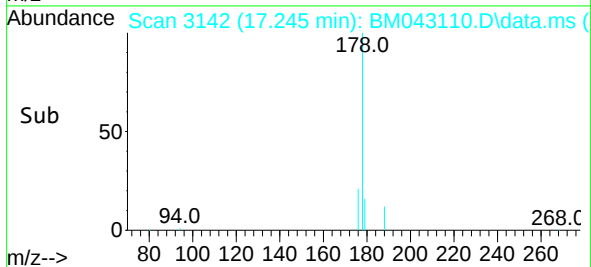
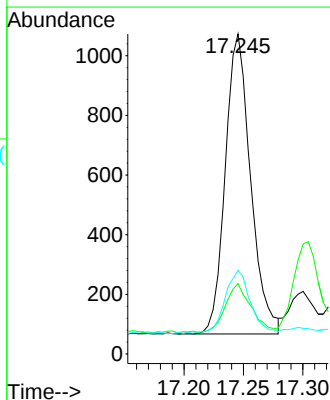
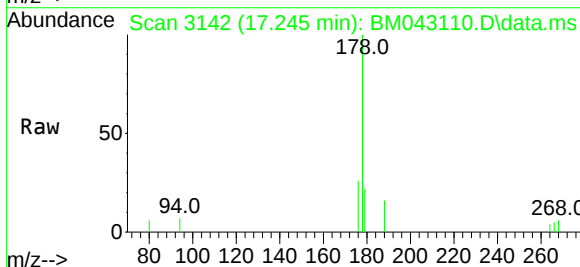
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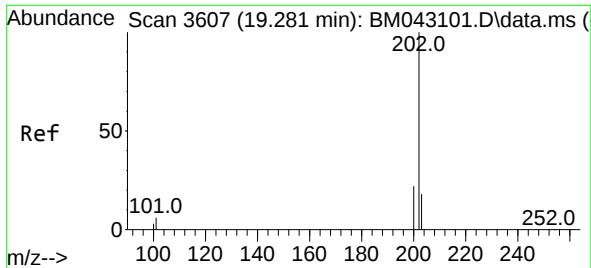
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.245 min Scan# 3142
Delta R.T. -0.027 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

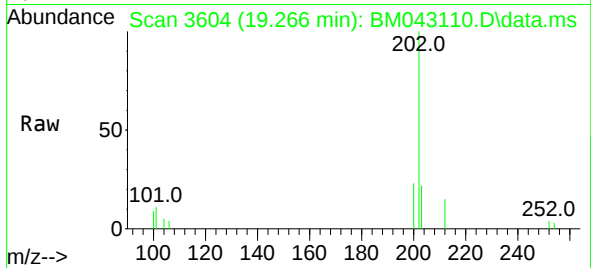
Tgt Ion:178 Resp: 1495
Ion Ratio Lower Upper
178 100
179 22.0 15.7 23.5
176 26.2 18.9 28.3





#19
Fluoranthene
Concen: 0.161 ng/u1
RT: 19.266 min Scan# 3604
Delta R.T. -0.015 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

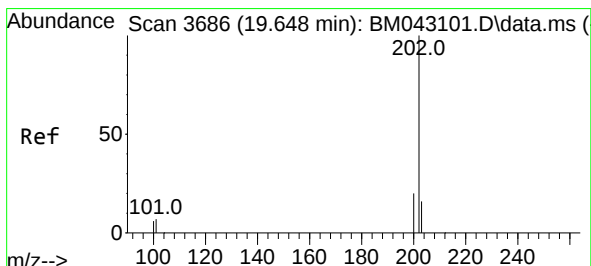
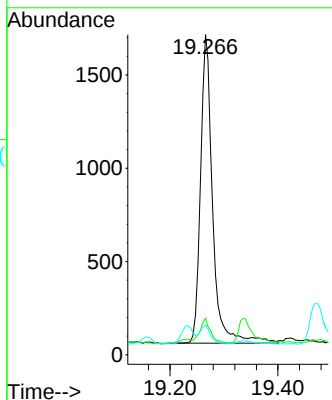
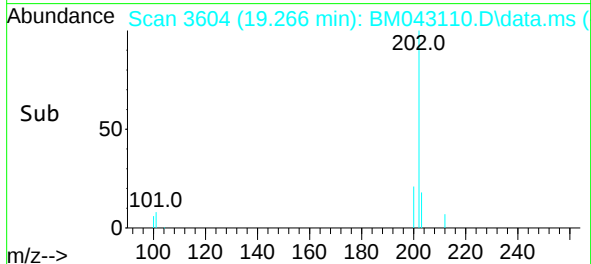
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:202 Resp: 2570
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.8
100 9.2 7.1 10.7

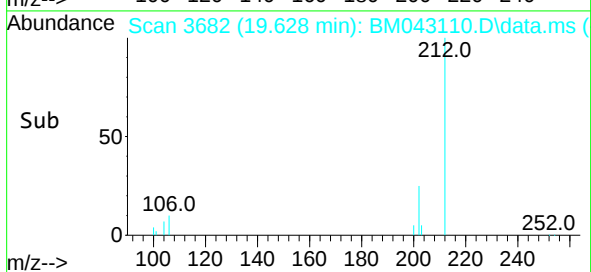
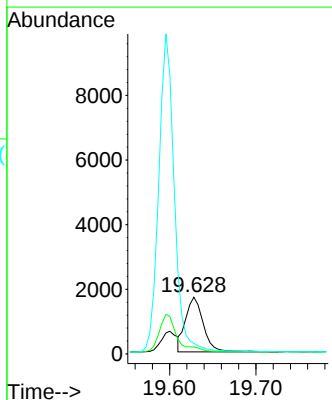
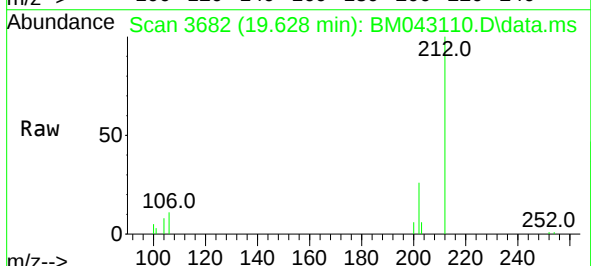
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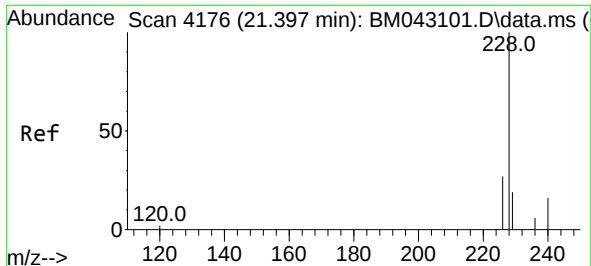
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#20
Pyrene
Concen: 0.142 ng/u1
RT: 19.628 min Scan# 3682
Delta R.T. -0.020 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

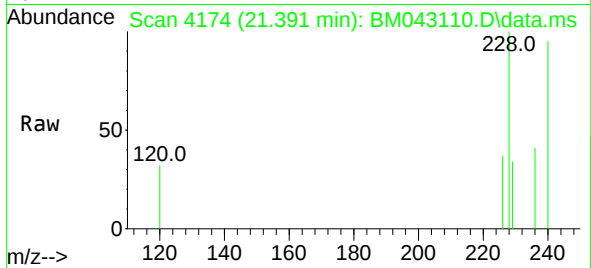
Tgt Ion:202 Resp: 2413
Ion Ratio Lower Upper
202 100
101 12.2 8.7 13.1
100 18.5 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.117 ng/ul
RT: 21.391 min Scan# 4174
Delta R.T. -0.008 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

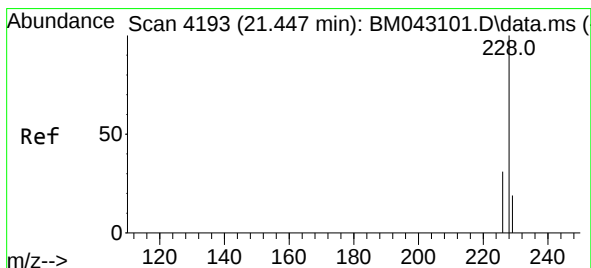
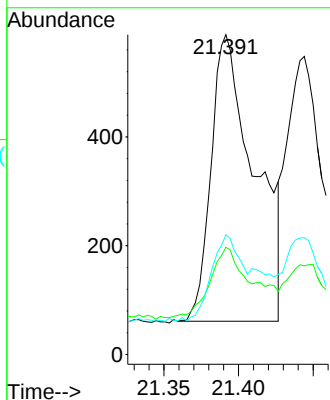
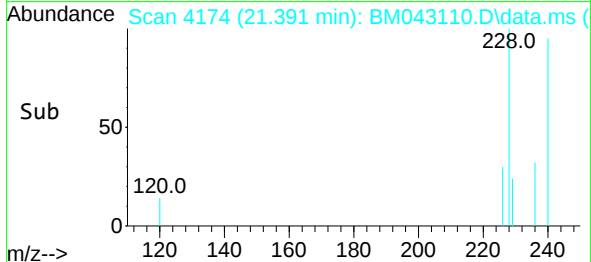
Instrument :
BNA_M
ClientSampleId :
C0AJ6



Tgt Ion:228 Resp: 106
Ion Ratio Lower Upper
228 100
229 33.5 19.4 29.0
226 37.4 24.9 37.3

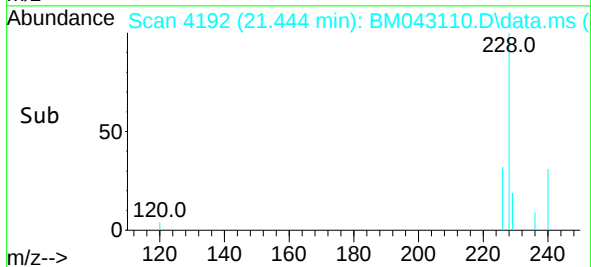
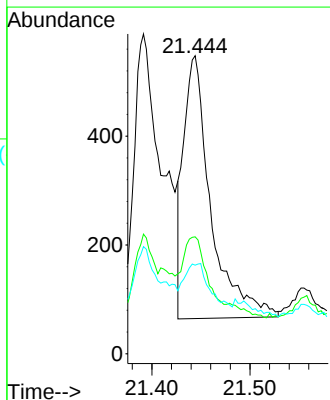
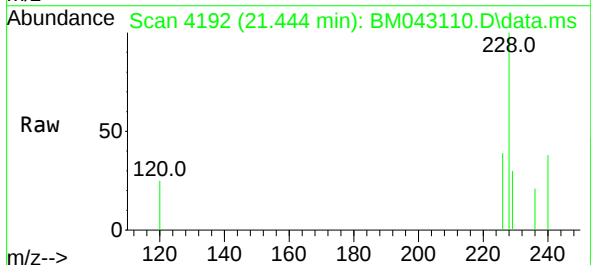
Manual Integrations
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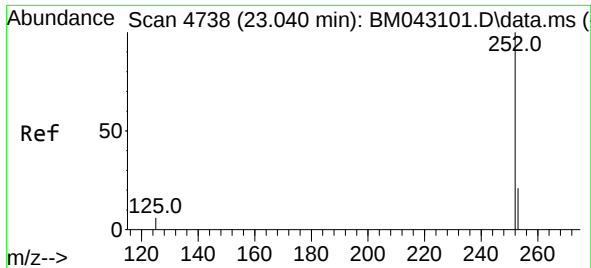
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Chrysene
Concen: 0.055 ng/ul
RT: 21.444 min Scan# 4192
Delta R.T. -0.005 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

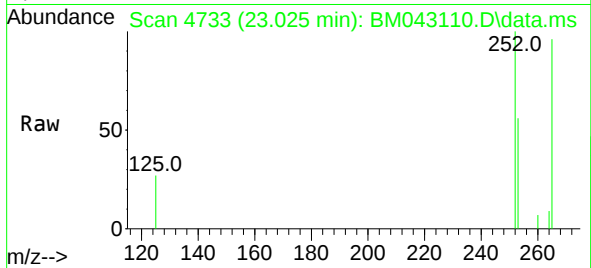
Tgt Ion:228 Resp: 930
Ion Ratio Lower Upper
228 100
226 39.2 27.2 40.8
229 29.7 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.143 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.011 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57

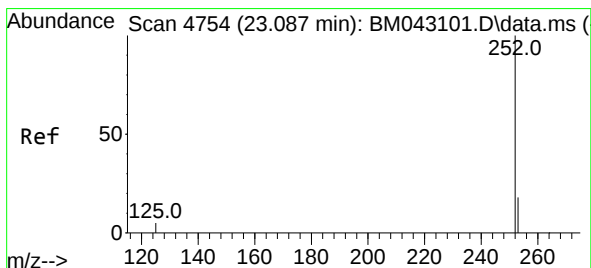
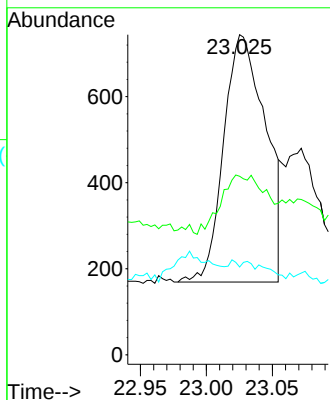
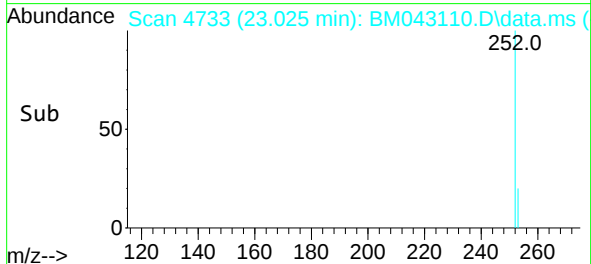
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BNA_M
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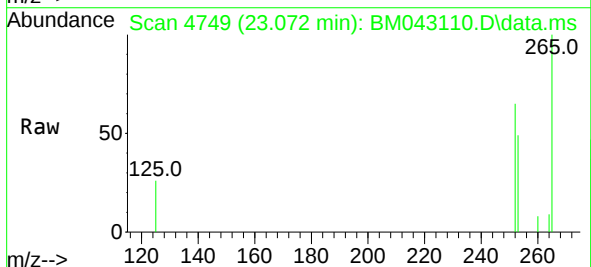
Tgt Ion:252 Resp: 1270
Ion Ratio Lower Upper
252 100
253 55.8 0.0 71.8
125 27.4 0.0 29.0

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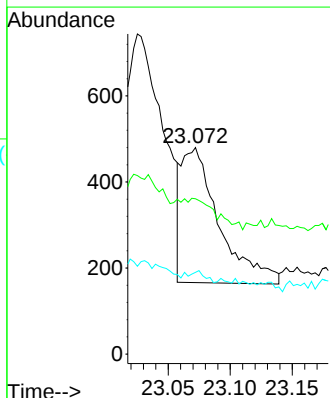
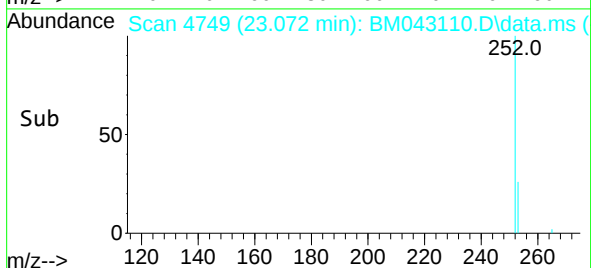
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

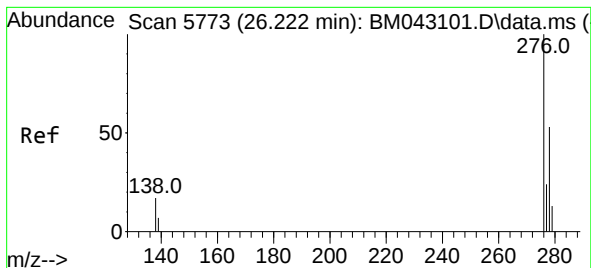


#25
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.072 min Scan# 4749
Delta R.T. -0.017 min
Lab File: BM043110.D
Acq: 01 Dec 2023 06:57



Tgt Ion:252 Resp: 658
Ion Ratio Lower Upper
252 100
253 75.2 28.2 42.2#
125 39.6 11.0 16.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.058 ng/ul

RT: 26.229 min Scan# 5773

Delta R.T. 0.001 min

Lab File: BM043110.D

Acq: 01 Dec 2023 06:57

Instrument :

BNA_M

ClientSampleId :

C0AJ6

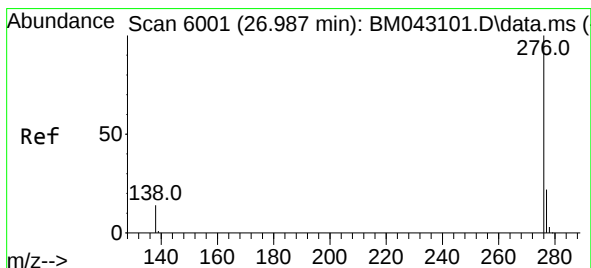
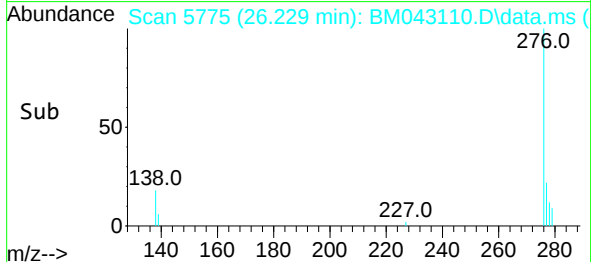
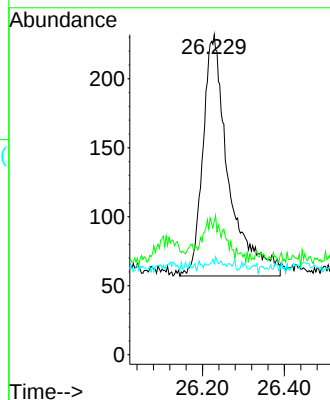
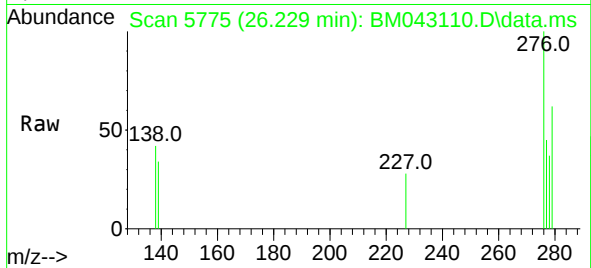
Tgt Ion:	276	Resp:	760
Ion Ratio	Lower	Upper	
276	100		
138	12.8	0.0	0.0#
227	2.0	0.2	0.2#

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.065 ng/ul

RT: 26.990 min Scan# 6002

Delta R.T. 0.004 min

Lab File: BM043110.D

Acq: 01 Dec 2023 06:57

Tgt Ion:	276	Resp:	834
Ion Ratio	Lower	Upper	
276	100		
138	37.8	17.8	26.8#
277	43.2	23.8	35.8#

