

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043105.D
 Acq On : 01 Dec 2023 03:56
 Operator : MA/JU
 Sample : 05497-02DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 04:28:14 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	7.821	152	953	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.634	136	2592	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	1502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	2946	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	2053	0.400	ng/ul	0.00
23) Perylene-d12	23.756	264	2724	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	434	0.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	92	0.027	ng/ul	0.03
18) Fluoranthene-d10	19.244	212	279	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.678	128	304	0.043	ng/ul#	42
7) 2-Methylnaphthalene	12.333	142	176	0.042	ng/ul	93
8) 1-Methylnaphthalene	12.526	142	139	0.030	ng/ul	95
10) Acenaphthylene	14.187	152	320	0.042	ng/ul#	57
15) Phenanthrene	17.264	178	2437	0.290	ng/ul	97
16) Anthracene	17.357	178	566m	0.071	ng/ul	
19) Fluoranthene	19.272	202	5276	0.453	ng/ul#	95
20) Pyrene	19.639	202	4517	0.365	ng/ul	97
21) Benzo(a)anthracene	21.394	228	1893	0.284	ng/ul	99
22) Chrysene	21.444	228	2241	0.181	ng/ul	95
24) Benzo(b)fluoranthene	23.034	252	2444	0.266	ng/ul	89
25) Benzo(k)fluoranthene	23.077	252	1238m	0.098	ng/ul	
26) Benzo(a)pyrene	23.650	252	1501	0.150	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.218	276	1421	0.105	ng/ul#	100
29) Benzo(g,h,i)perylene	26.986	276	1418	0.107	ng/ul#	87

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

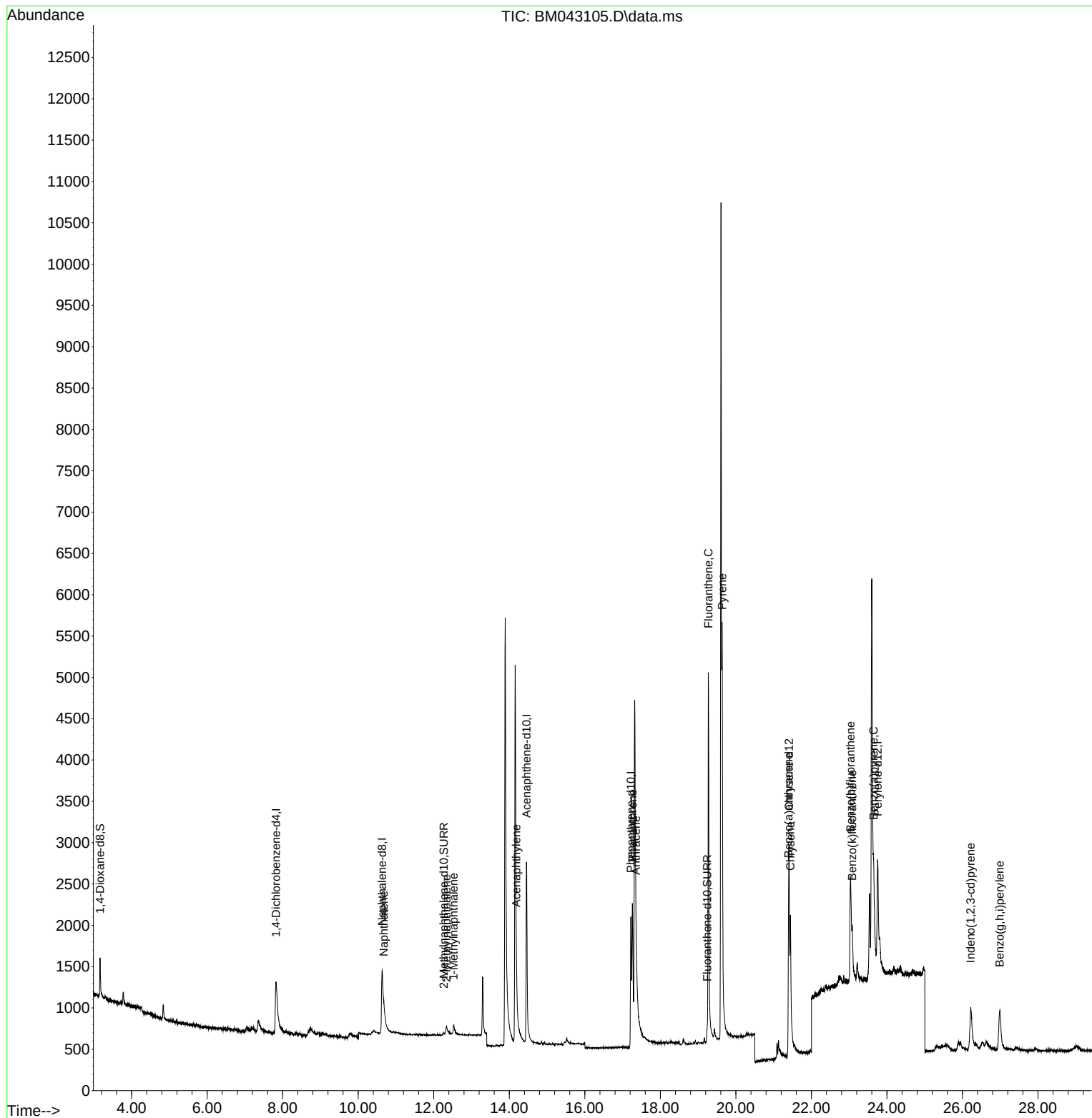
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043105.D
Acq On : 01 Dec 2023 03:56
Operator : MA/JU
Sample : 05497-02DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

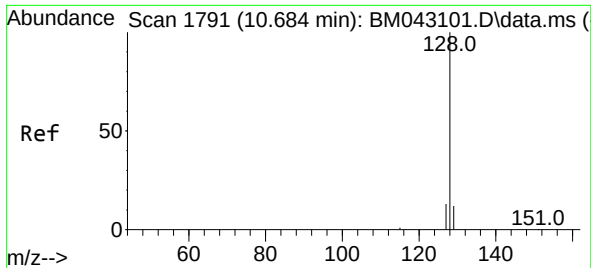
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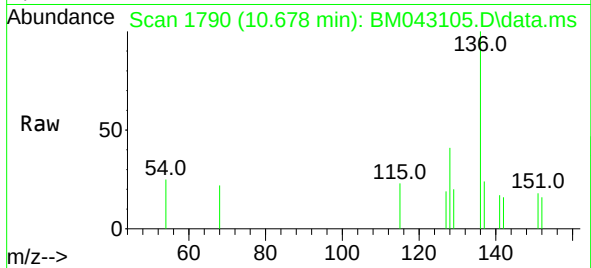
Quant Time: Dec 01 04:28:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.678 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

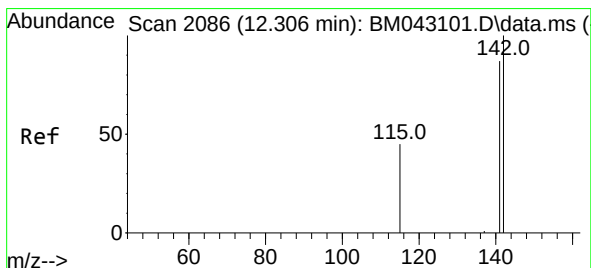
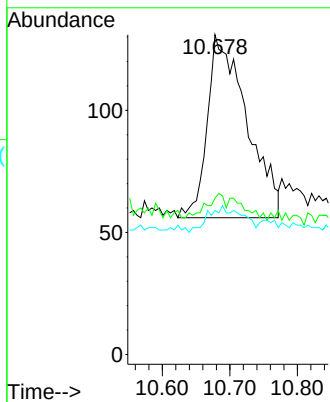
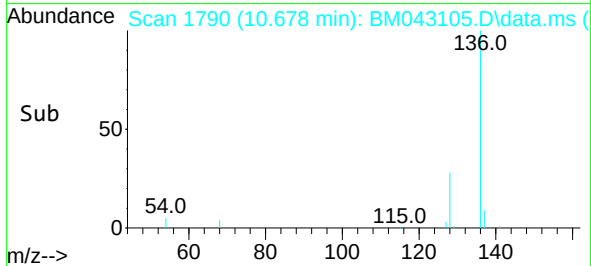
Instrument :
BNA_M
ClientSampleId :
C0AB1DL



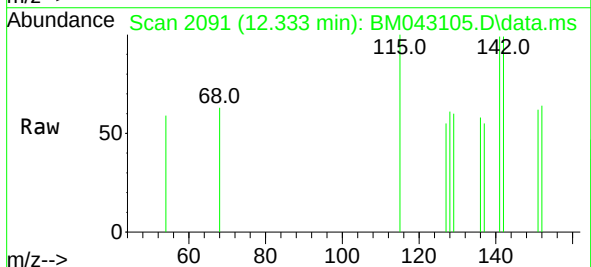
Tgt Ion:128 Resp: 304
Ion Ratio Lower Upper
128 100
129 48.9 16.0 24.0
127 45.0 16.5 24.7

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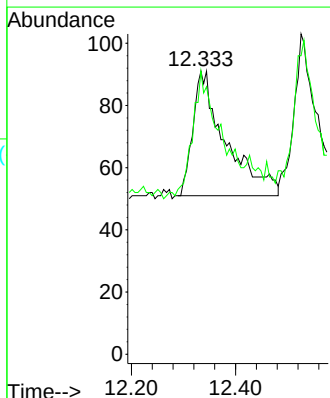
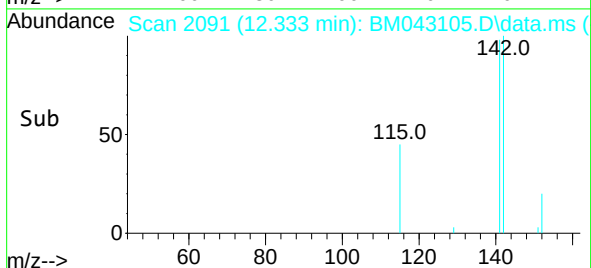
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

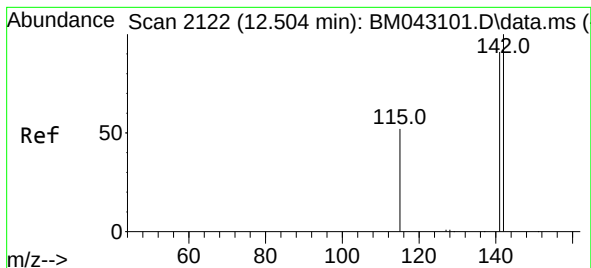


#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.333 min Scan# 2091
Delta R.T. 0.022 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56



Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
141 88.6 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.526 min Scan# 2126

Delta R.T. 0.017 min

Lab File: BM043105.D

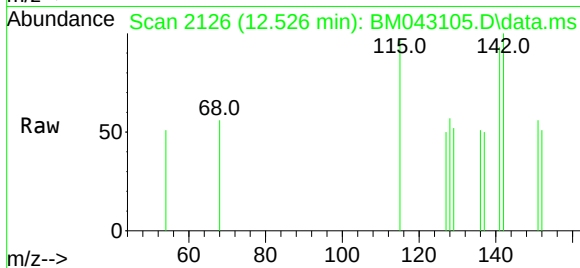
Acq: 01 Dec 2023 03:56

Instrument :

BNA_M

ClientSampleId :

C0AB1DL



Tgt Ion:142 Resp: 139

Ion Ratio Lower Upper

142 100

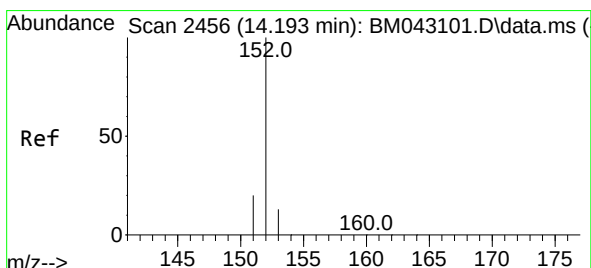
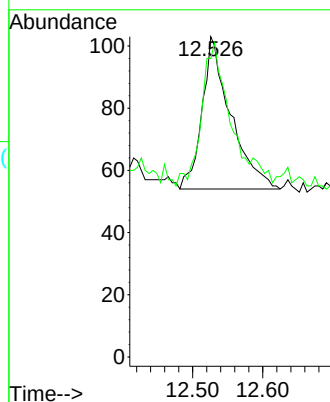
141 97.1 73.8 110.8

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#10

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.187 min Scan# 2455

Delta R.T. -0.009 min

Lab File: BM043105.D

Acq: 01 Dec 2023 03:56

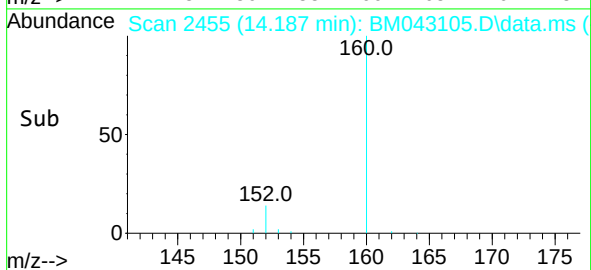
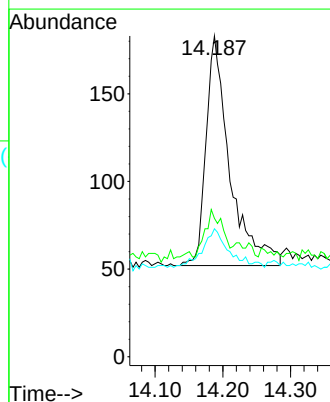
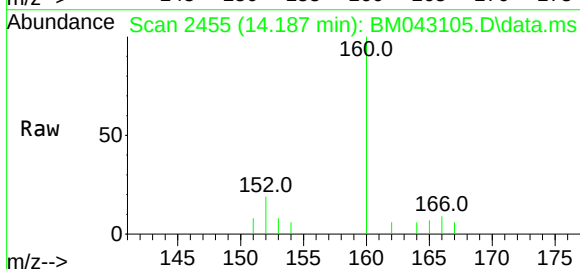
Tgt Ion:152 Resp: 320

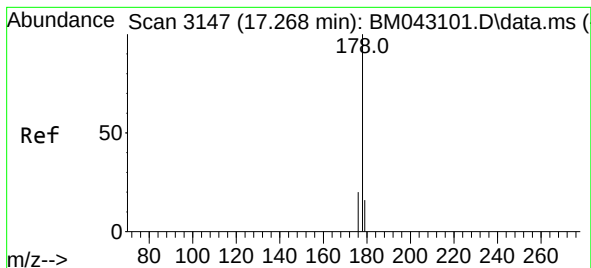
Ion Ratio Lower Upper

152 100

151 43.2 19.4 29.0#

153 39.9 14.6 21.8#





#15

Phenanthrene

Concen: 0.290 ng/ul

RT: 17.264 min Scan# 3147

Delta R.T. -0.008 min

Lab File: BM043105.D

Acq: 01 Dec 2023 03:56

Instrument :

BNA_M

ClientSampleId :

C0AB1DL

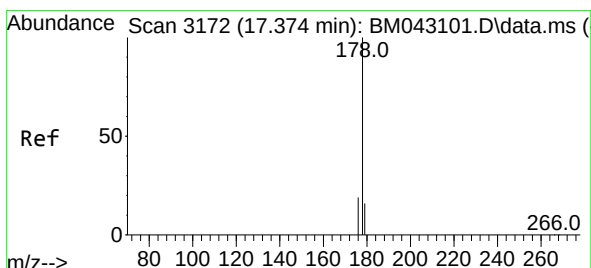
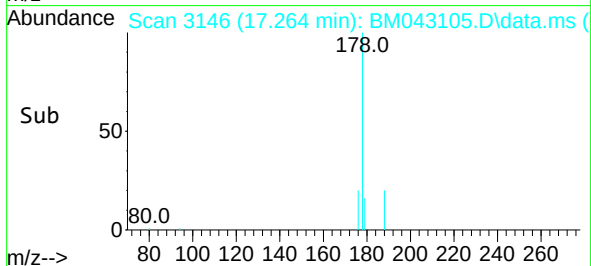
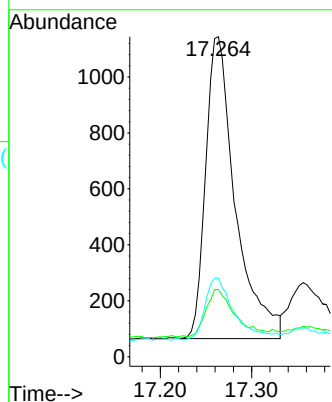
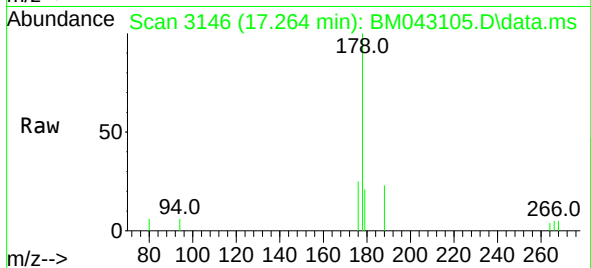
Tgt Ion:178	Resp:	243
Ion Ratio	Lower	Upper
178	100	
179	21.1	15.7 23.5
176	24.6	18.9 28.3

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#16

Anthracene

Concen: 0.071 ng/ul m

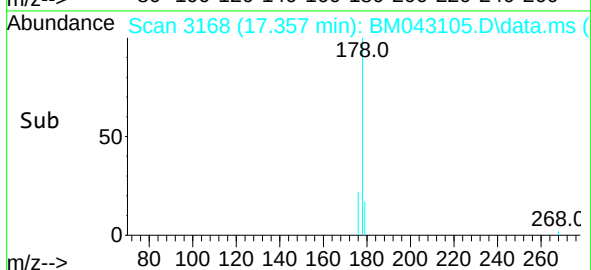
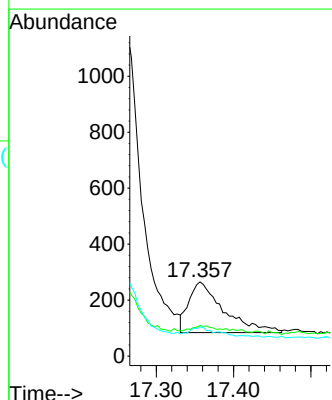
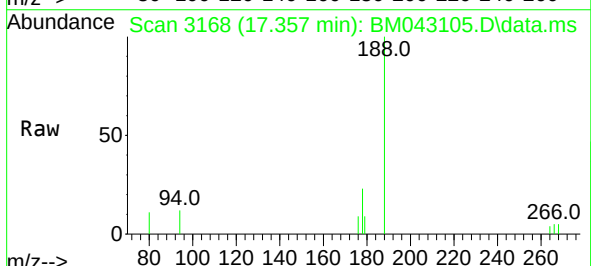
RT: 17.357 min Scan# 3168

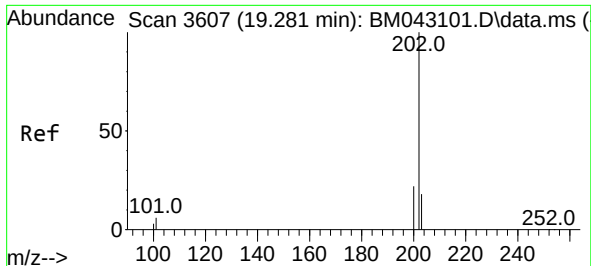
Delta R.T. -0.021 min

Lab File: BM043105.D

Acq: 01 Dec 2023 03:56

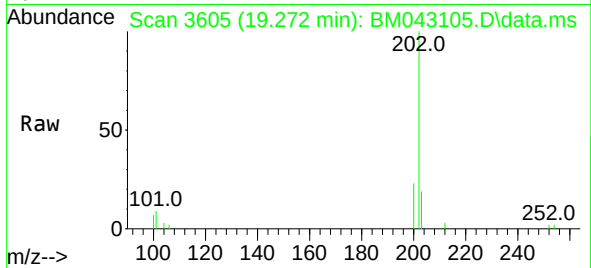
Tgt Ion:178	Resp:	566
Ion Ratio	Lower	Upper
178	100	
179	41.1	17.3 25.9#
176	38.9	20.5 30.7#





#19
Fluoranthene
Concen: 0.453 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.009 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

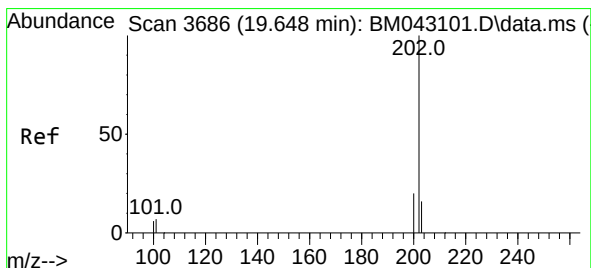
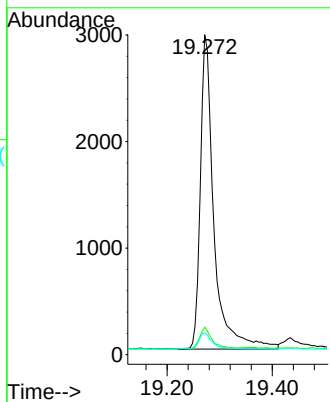
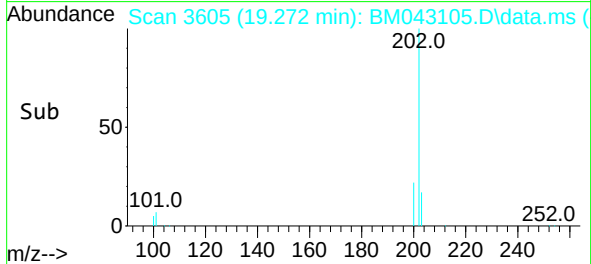
Instrument :
BNA_M
ClientSampleId :
C0AB1DL



Tgt Ion:202 Resp: 5270
Ion Ratio Lower Upper
202 100
101 8.6 7.8 11.8
100 6.8 7.1 10.7

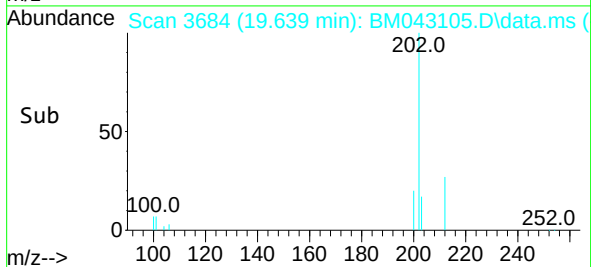
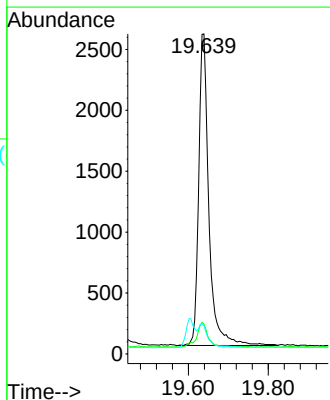
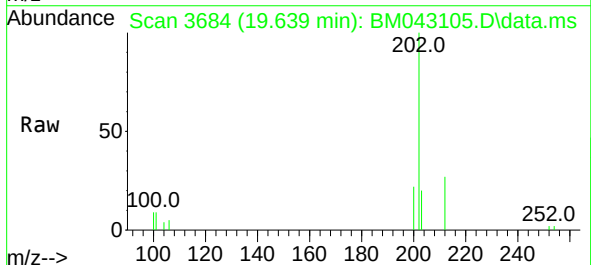
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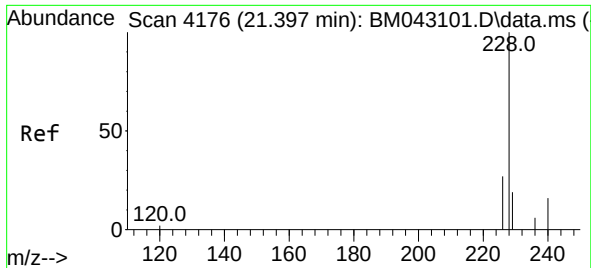
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#20
Pyrene
Concen: 0.365 ng/u1
RT: 19.639 min Scan# 3684
Delta R.T. -0.009 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

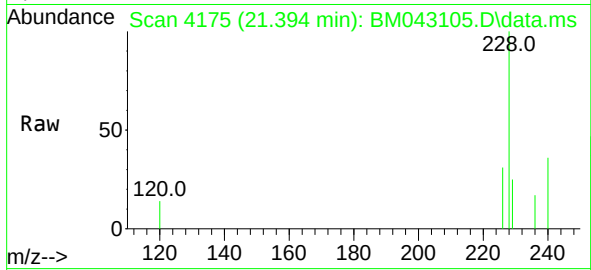
Tgt Ion:202 Resp: 4517
Ion Ratio Lower Upper
202 100
101 9.3 8.7 13.1
100 8.8 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.284 ng/ul
RT: 21.394 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

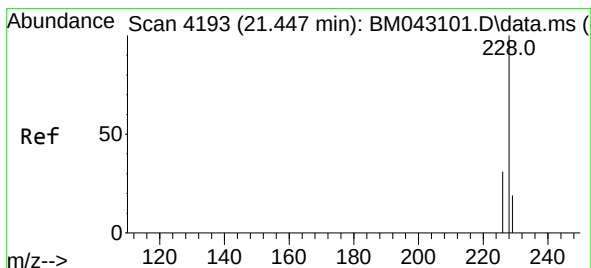
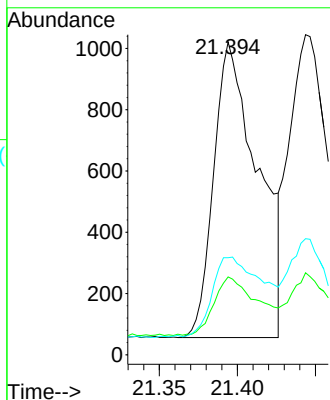
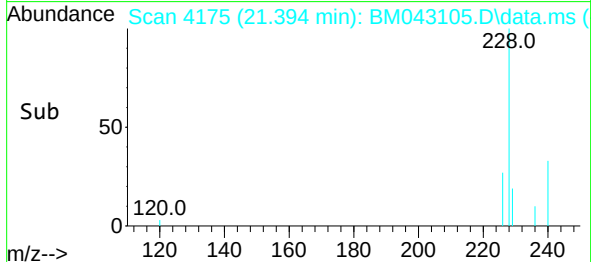
Instrument :
BNA_M
ClientSampleId :
C0AB1DL



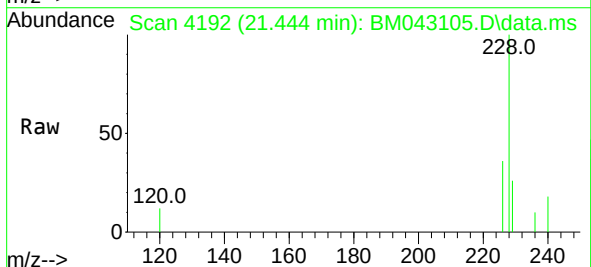
Tgt Ion:228 Resp: 189
Ion Ratio Lower Upper
228 100
229 24.9 19.4 29.0
226 31.0 24.9 37.3

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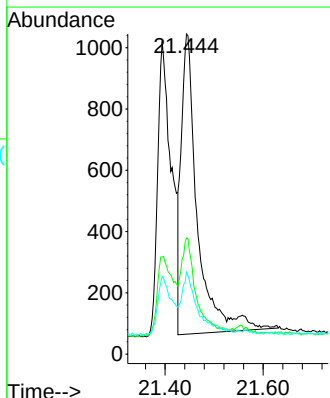
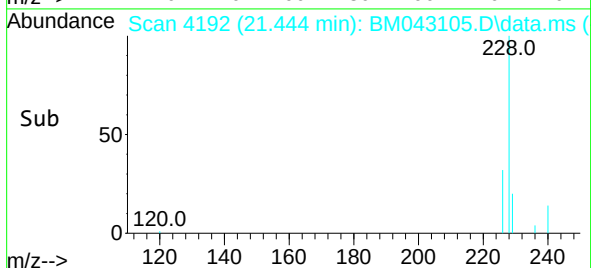
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

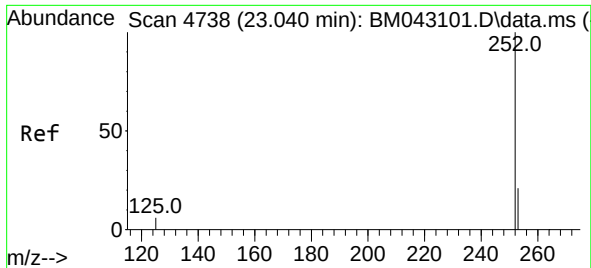


#22
Chrysene
Concen: 0.181 ng/ul
RT: 21.444 min Scan# 4192
Delta R.T. -0.006 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56



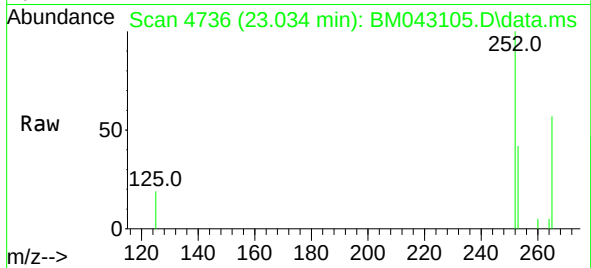
Tgt Ion:228 Resp: 2241
Ion Ratio Lower Upper
228 100
226 36.3 27.2 40.8
229 25.6 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.266 ng/ul
RT: 23.034 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

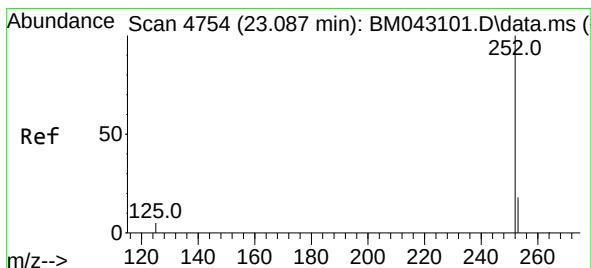
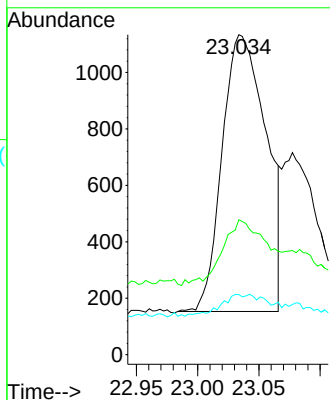
Instrument :
BNA_M
ClientSampleId :
C0AB1DL



Tgt Ion:252 Resp: 244
Ion Ratio Lower Upper
252 100
253 42.2 0.0 71.8
125 18.8 0.0 29.0

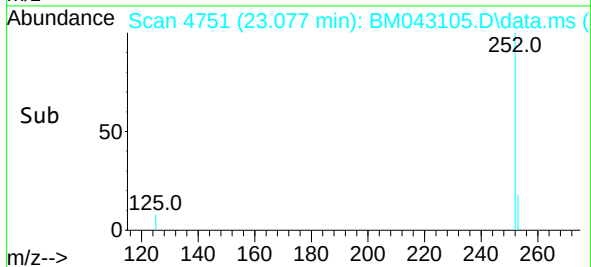
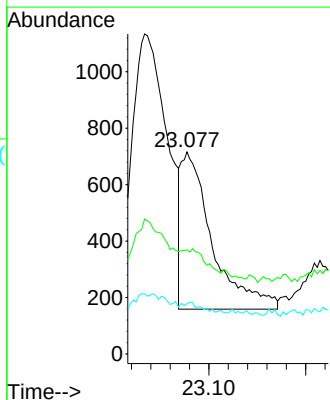
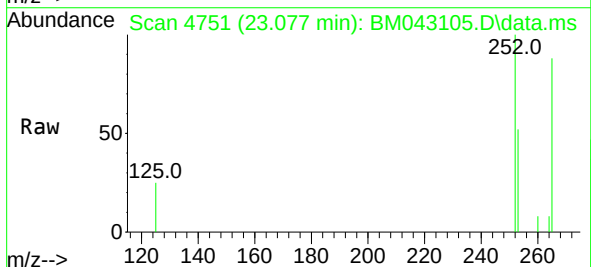
Manual Integrations
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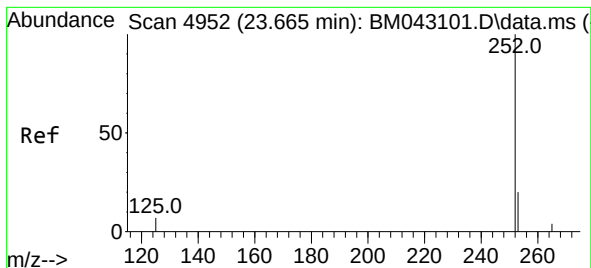
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.077 min Scan# 4751
Delta R.T. -0.012 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

Tgt Ion:252 Resp: 1238
Ion Ratio Lower Upper
252 100
253 51.5 28.2 42.2#
125 24.9 11.0 16.6#





#26

Benzo(a)pyrene

Concen: 0.150 ng/ul

RT: 23.650 min Scan# 4952

Delta R.T. -0.017 min

Lab File: BM043105.D

Acq: 01 Dec 2023 03:56

Instrument :

BNM

ClientSampleId :

C0AB1DL

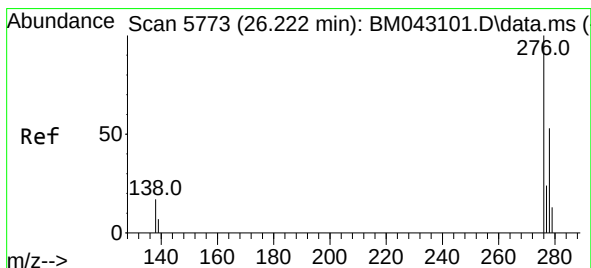
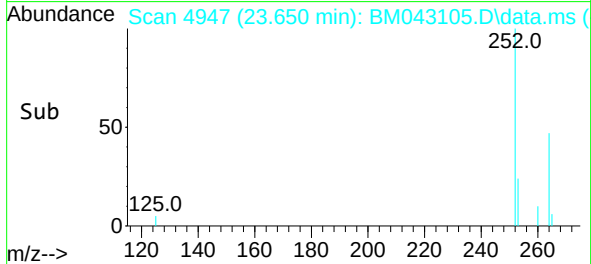
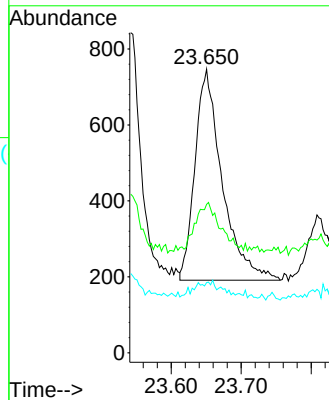
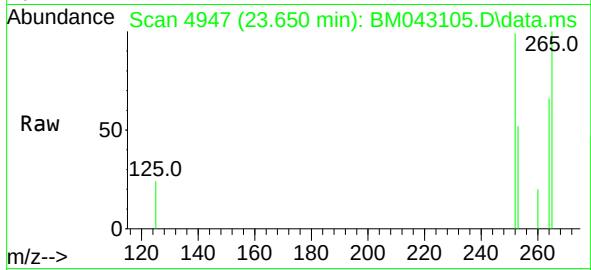
Tgt Ion:252	Resp:	150
Ion Ratio	Lower	Upper
252	100	
253	52.3	36.6 55.0
125	24.8	16.2 24.4

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: 0.105 ng/ul

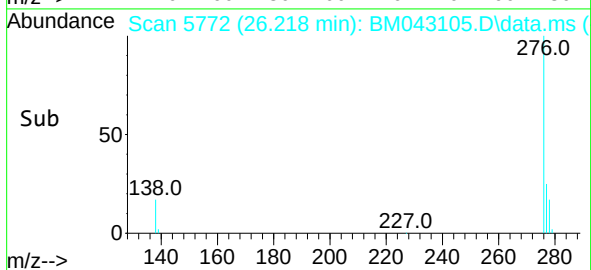
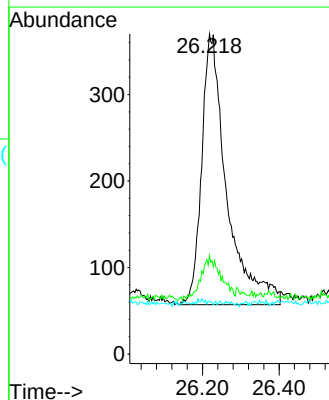
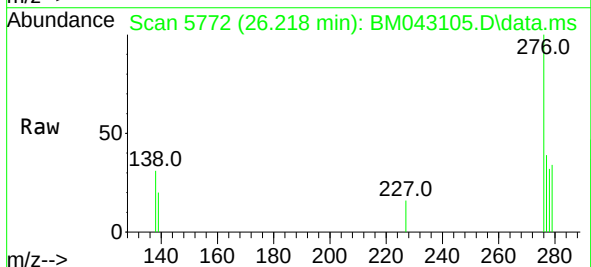
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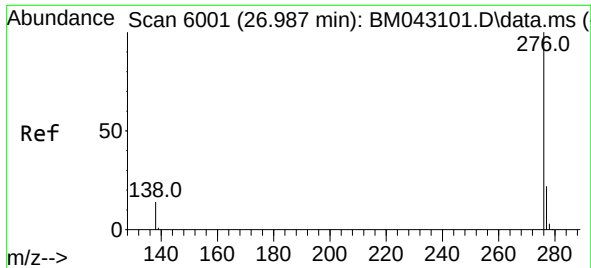
Delta R.T. -0.010 min

Lab File: BM043105.D

Acq: 01 Dec 2023 03:56

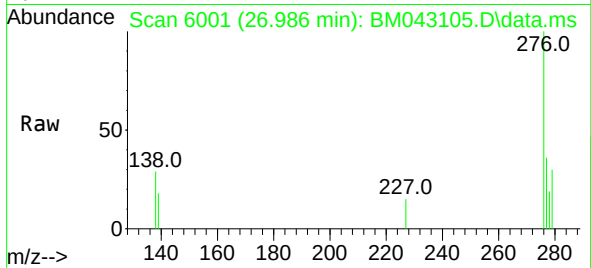
Tgt Ion:276	Resp:	1421
Ion Ratio	Lower	Upper
276	100	
138	12.3	0.0 0.0#
227	0.2	0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 26.986 min Scan# 6001
Delta R.T. 0.000 min
Lab File: BM043105.D
Acq: 01 Dec 2023 03:56

Instrument :
BNA_M
ClientSampleId :
C0AB1DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	17.8	26.8
277	36.0	23.8	35.8

Manual Integrations
APPROVED

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

