

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041112.D
 Acq On : 25 Jul 2023 18:57
 Operator : MA/JU
 Sample : 03534-10DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4722DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 04:41:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	13026	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	7098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	14800	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	13020	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	13456	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1668	0.285	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	405	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	823	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	1114	0.026	ng/ul#	74
10) Acenaphthylene	14.213	152	1580	0.053	ng/ul#	84
11) Acenaphthene	14.550	153	887	0.035	ng/ul	96
12) Fluorene	15.545	166	1047	0.038	ng/ul#	91
15) Phenanthrene	17.286	178	16388	0.359	ng/ul	100
16) Anthracene	17.383	178	4429	0.120	ng/ul#	94
19) Fluoranthene	19.310	202	37243	0.798	ng/ul	99
20) Pyrene	19.673	202	29665	0.577	ng/ul	100
21) Benzo(a)anthracene	21.431	228	18723	0.430	ng/ul	96
22) Chrysene	21.483	228	19184	0.382	ng/ul	96
24) Benzo(b)fluoranthene	23.105	252	20461	0.382	ng/ul	95
25) Benzo(k)fluoranthene	23.149	252	8018m	0.157	ng/ul	
26) Benzo(a)pyrene	23.722	252	6612	0.152	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.290	276	6808	0.106	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.297	278	2693	0.053	ng/ul#	34

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

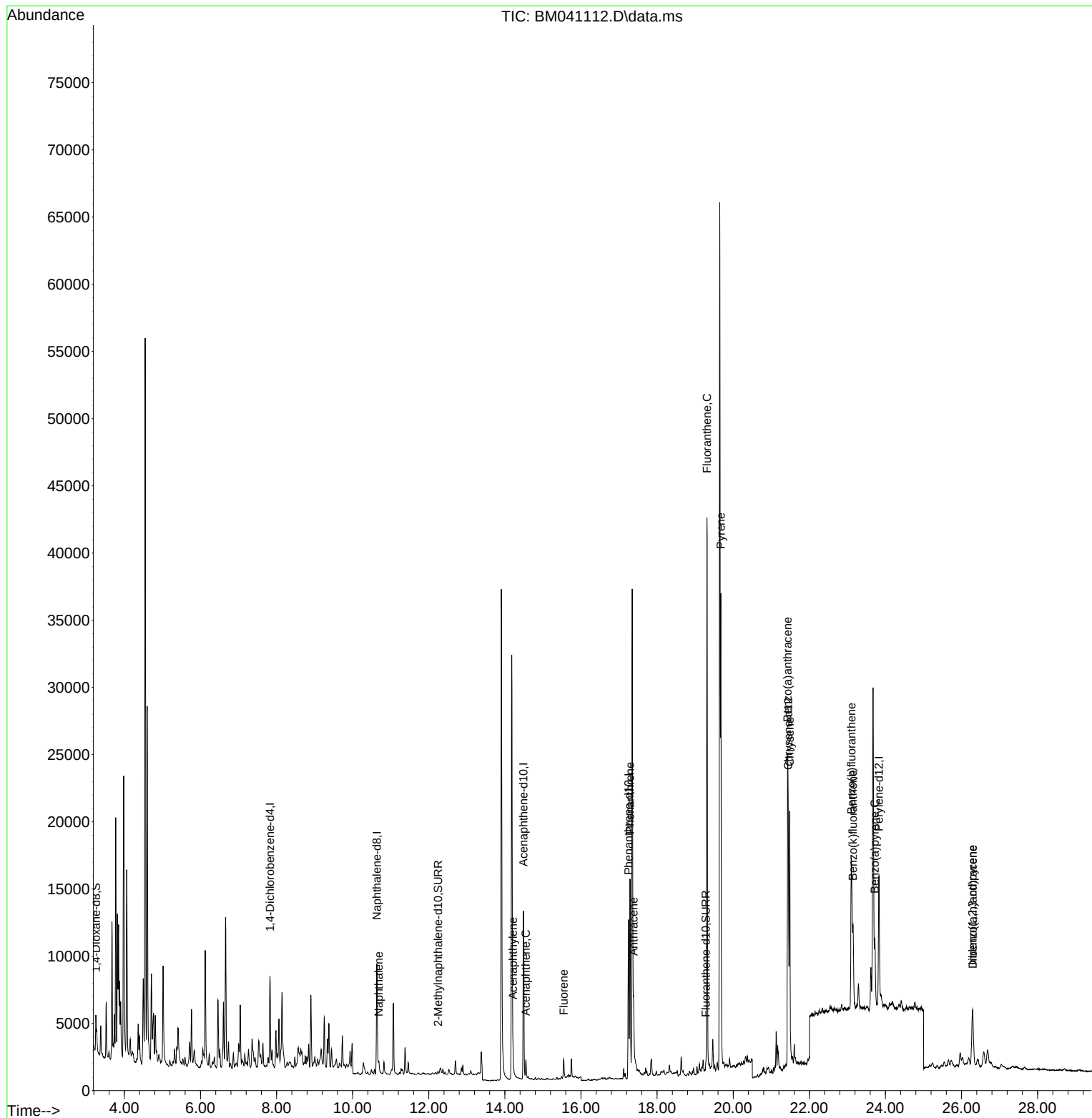
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041112.D
Acq On : 25 Jul 2023 18:57
Operator : MA/JU
Sample : 03534-10DL 5X
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ALS Vial : 56 Sample Multiplier: 1

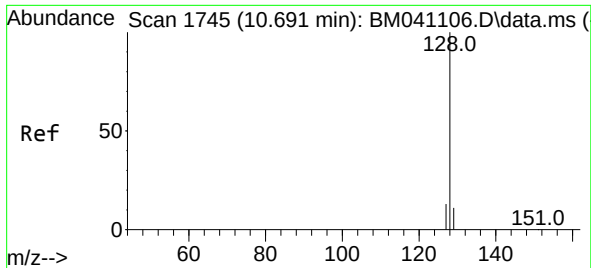
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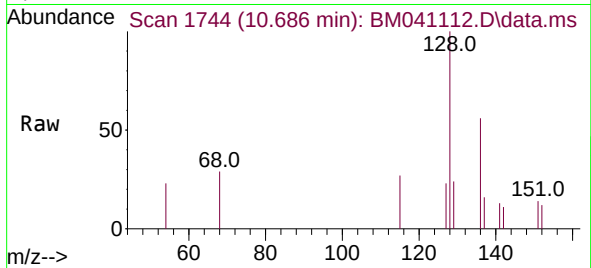
Quant Time: Jul 26 04:41:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
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#5
Naphthalene
Concen: 0.026 ng/u1
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

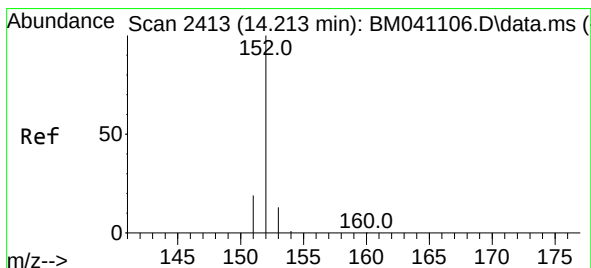
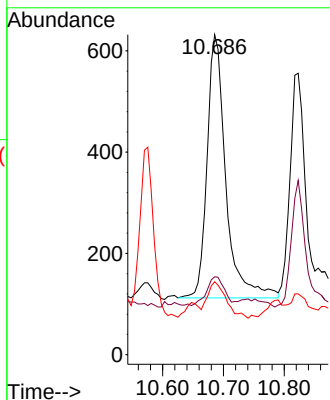
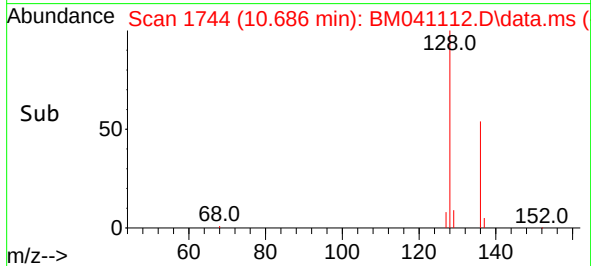
Instrument :
BNA_M
ClientSampleId :
A4722DL



Tgt Ion:128 Resp: 1114
Ion Ratio Lower Upper
128 100
129 24.4 9.8 14.8#
127 22.8 11.1 16.7#

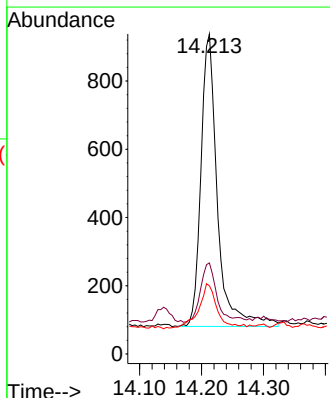
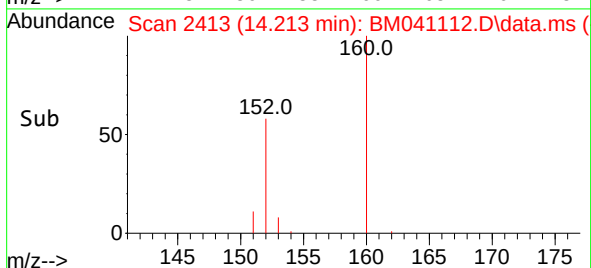
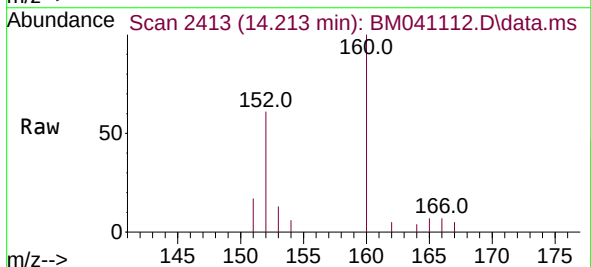
Manual Integrations
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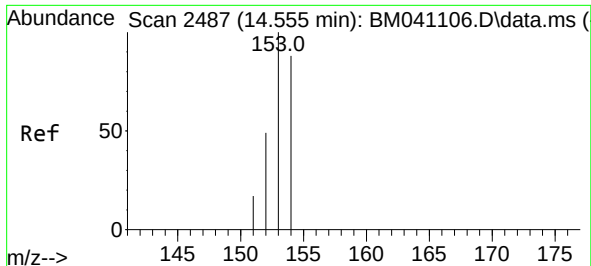
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#10
Acenaphthylene
Concen: 0.053 ng/u1
RT: 14.213 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

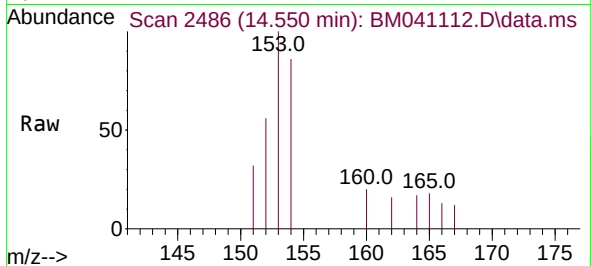
Tgt Ion:152 Resp: 1580
Ion Ratio Lower Upper
152 100
151 28.5 16.8 25.2#
153 21.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

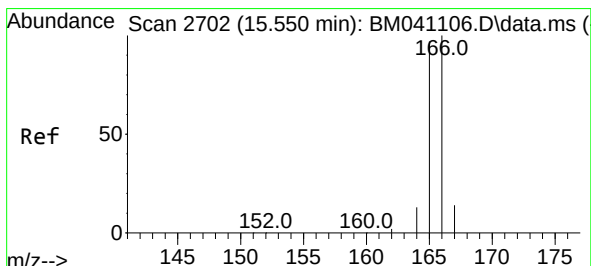
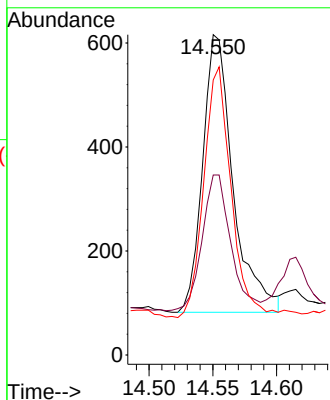
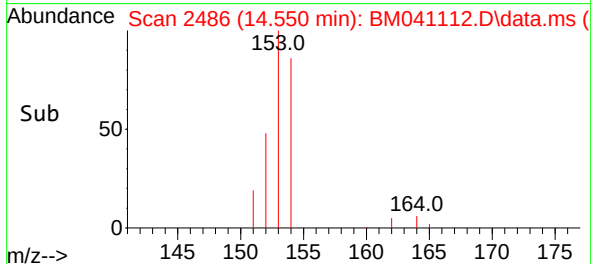
Instrument :
BNA_M
ClientSampleId :
A4722DL



Tgt Ion:153 Resp: 88
Ion Ratio Lower Upper
153 100
152 56.2 40.2 60.4
154 85.9 70.3 105.5

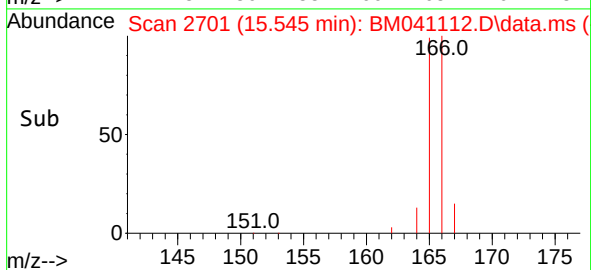
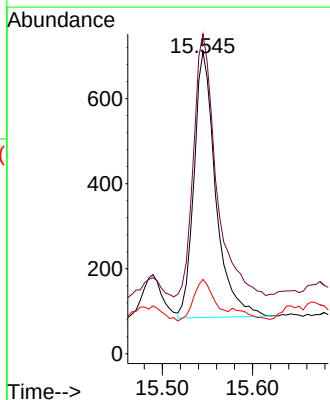
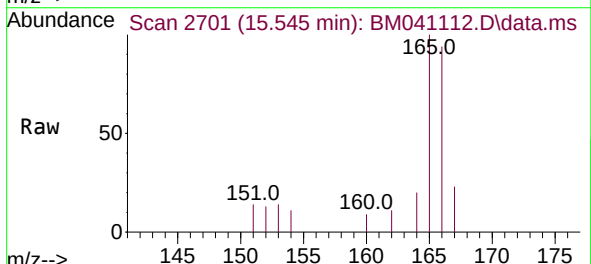
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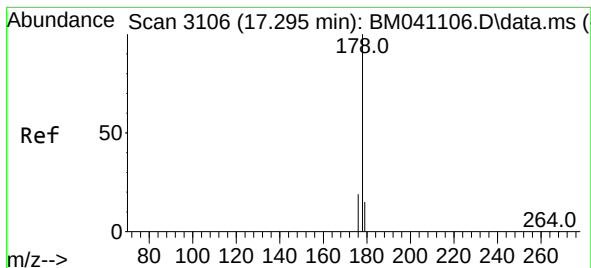
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:166 Resp: 1047
Ion Ratio Lower Upper
166 100
165 105.9 79.4 119.0
167 24.6 11.4 17.2#





#15

Phenanthrene

Concen: 0.359 ng/u1

RT: 17.286 min Scan# 3106

Delta R.T. -0.009 min

Lab File: BM041112.D

Acq: 25 Jul 2023 18:57

Instrument :

BNA_M

ClientSampleId :

A4722DL

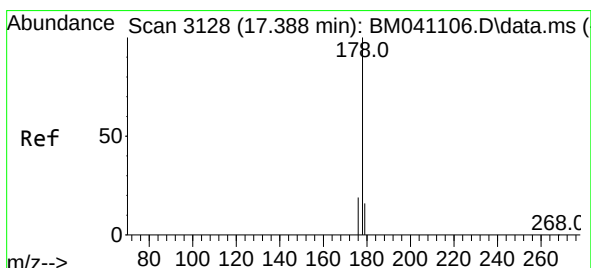
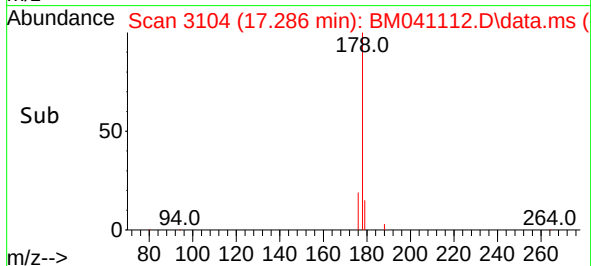
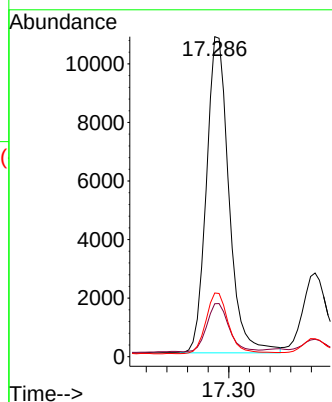
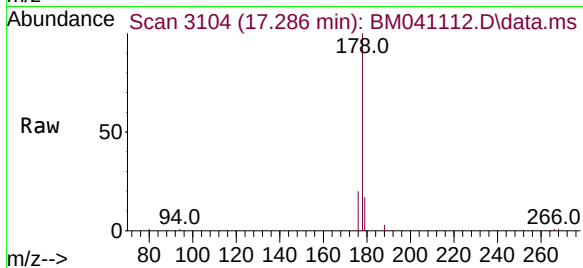
Tgt Ion:	178	Resp:	1638
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.4	20.2
176	19.9	16.0	24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/27/2023



#16

Anthracene

Concen: 0.120 ng/u1

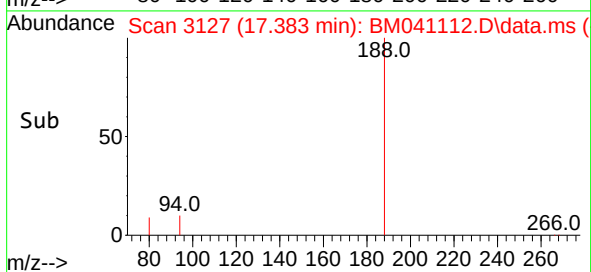
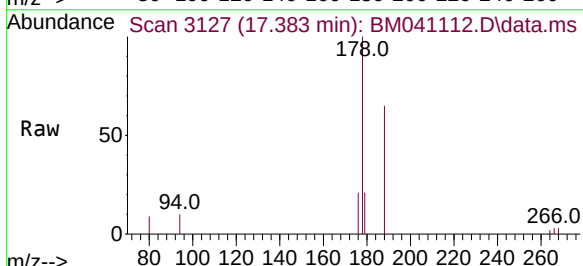
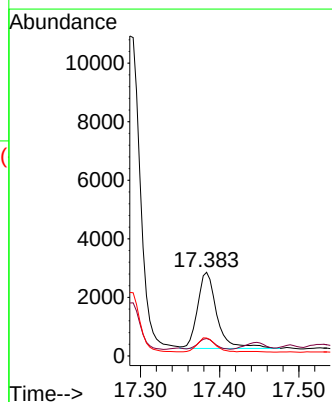
RT: 17.383 min Scan# 3127

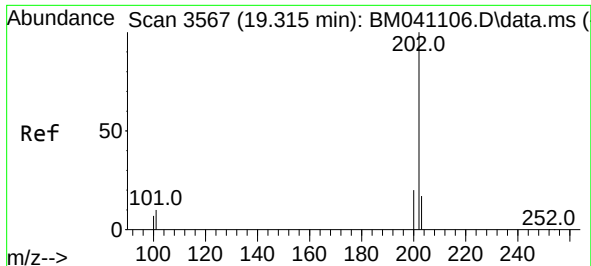
Delta R.T. -0.009 min

Lab File: BM041112.D

Acq: 25 Jul 2023 18:57

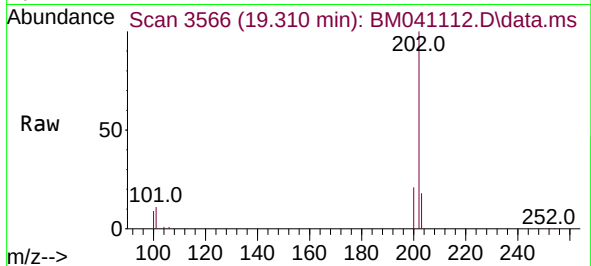
Tgt Ion:	178	Resp:	4429
Ion Ratio	Lower	Upper	
178	100		
179	20.8	13.6	20.4#
176	21.4	16.0	24.0





#19
Fluoranthene
Concen: 0.798 ng/u1
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

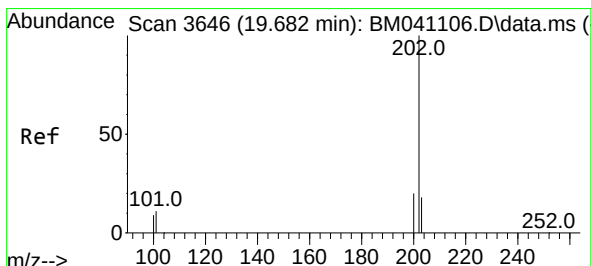
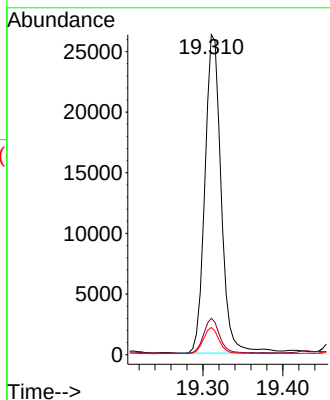
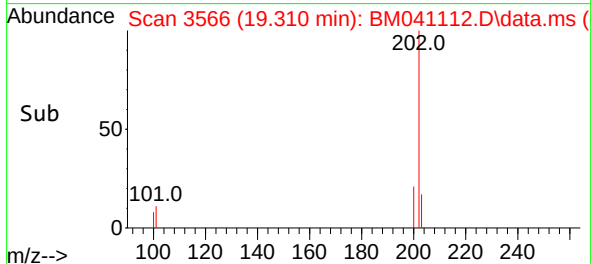
Instrument :
BNA_M
ClientSampleId :
A4722DL



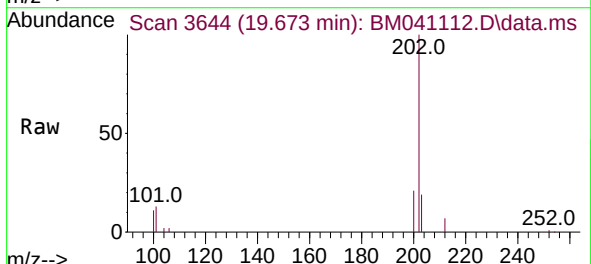
Tgt Ion:202 Resp: 3724
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.0
100 8.5 7.1 10.7

Manual Integrations
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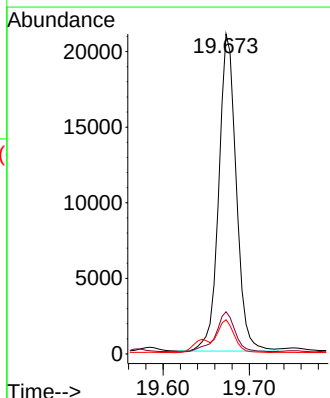
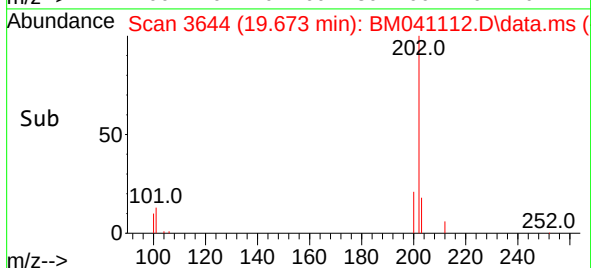
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

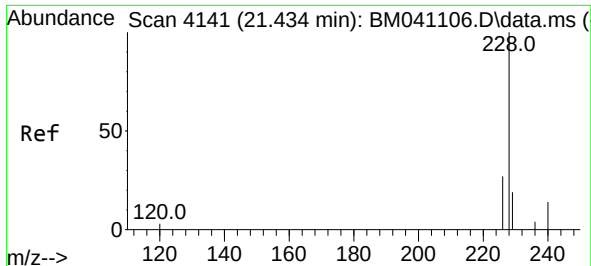


#20
Pyrene
Concen: 0.577 ng/u1
RT: 19.673 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57



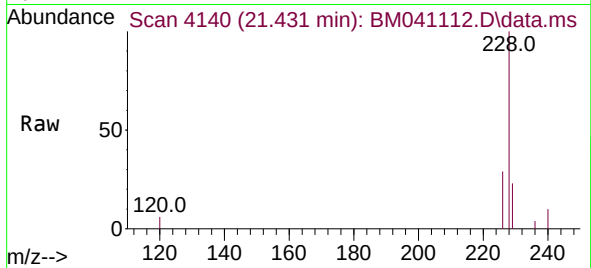
Tgt Ion:202 Resp: 29665
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.7 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

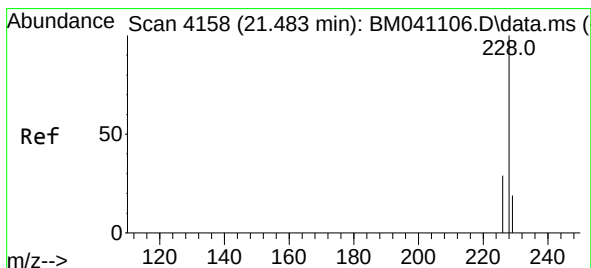
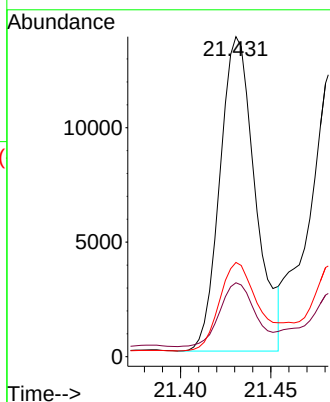
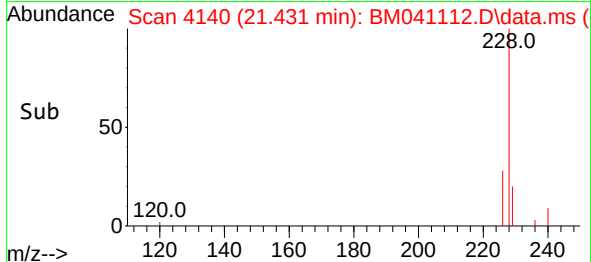
Instrument :
BNA_M
ClientSampleId :
A4722DL



Tgt Ion:228 Resp: 1872
Ion Ratio Lower Upper
228 100
229 23.1 16.5 24.7
226 29.5 22.2 33.2

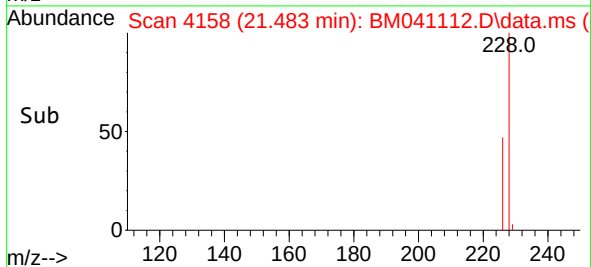
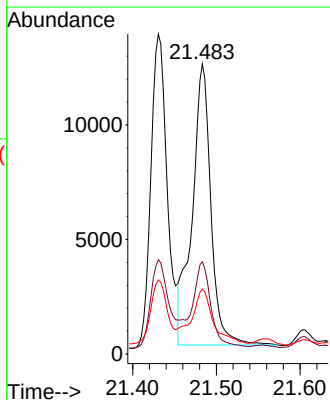
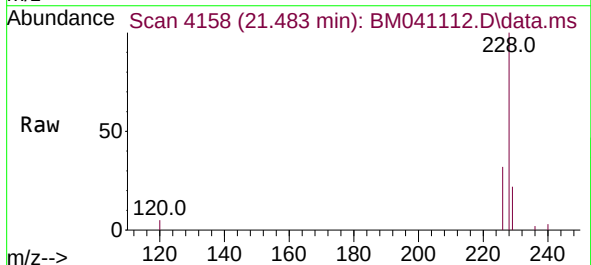
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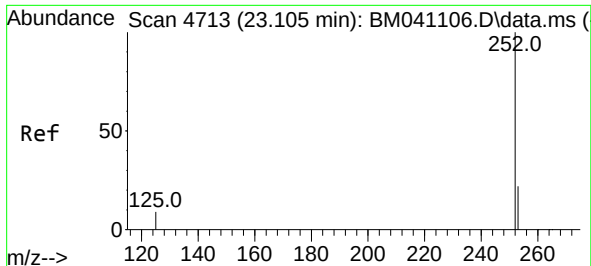
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

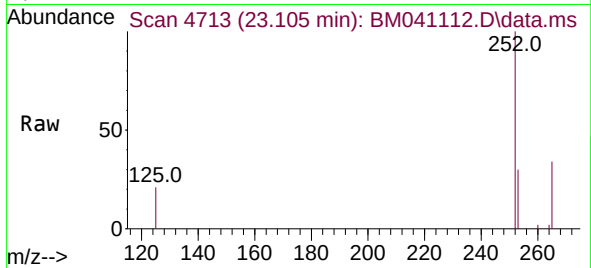
Tgt Ion:228 Resp: 19184
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.4
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.000 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

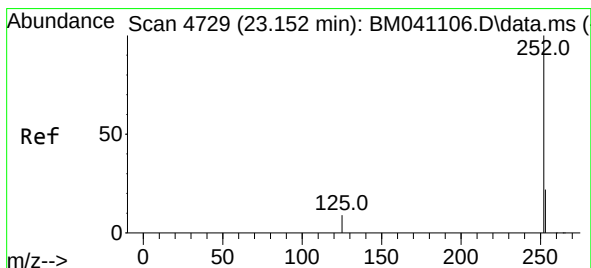
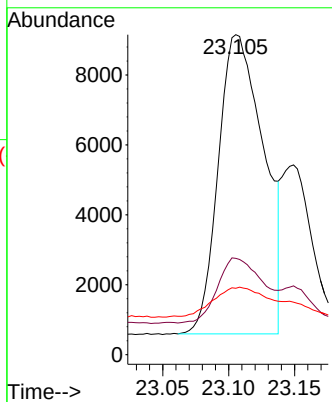
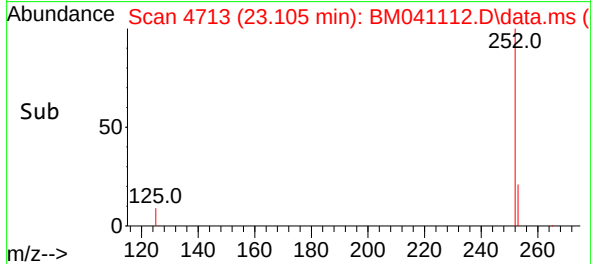
Instrument :
BNA_M
ClientSampleId :
A4722DL



Tgt Ion:252 Resp: 2046
Ion Ratio Lower Upper
252 100
253 30.1 0.0 57.6
125 20.7 0.0 33.6

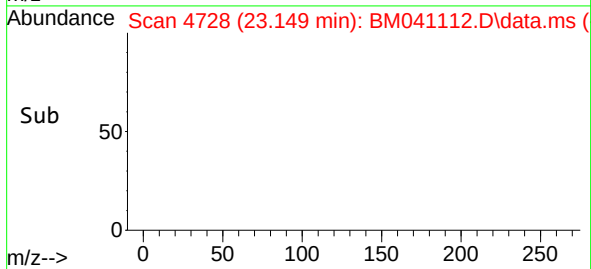
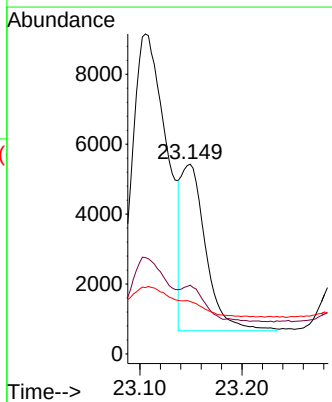
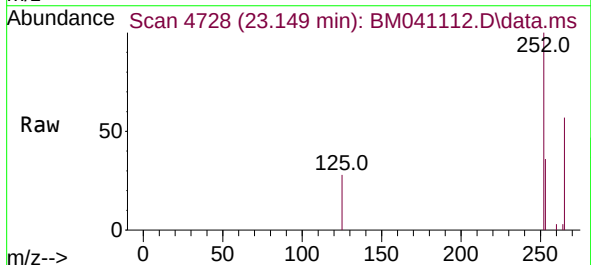
Manual Integrations
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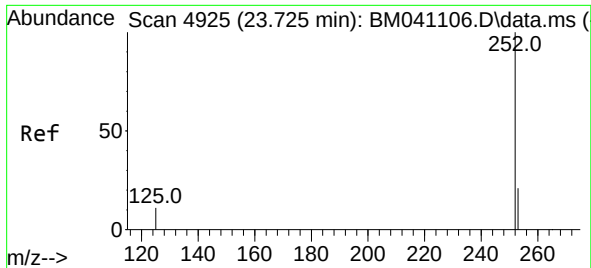
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.157 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

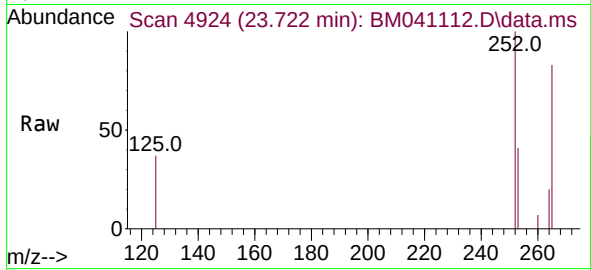
Tgt Ion:252 Resp: 8018
Ion Ratio Lower Upper
252 100
253 36.3 22.8 34.2#
125 27.7 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 0.152 ng/ul
RT: 23.722 min Scan# 4925
Delta R.T. -0.006 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

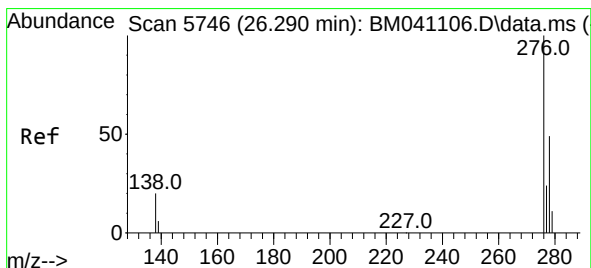
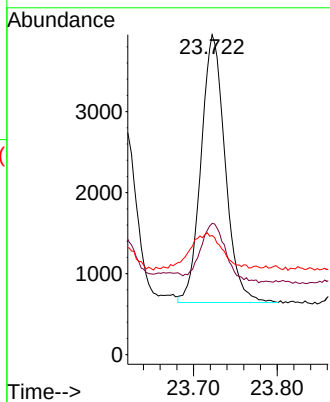
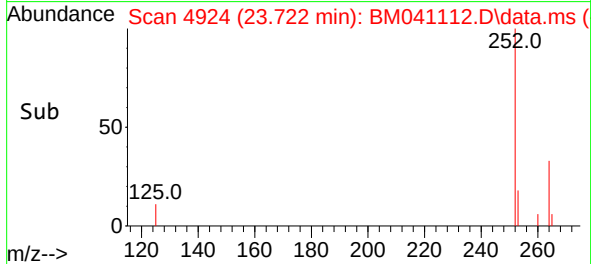
Instrument :
BNA_M
ClientSampleId :
A4722DL



Tgt Ion:252 Resp: 661
Ion Ratio Lower Upper
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253 41.0 26.7 40.1
125 37.3 18.1 27.1

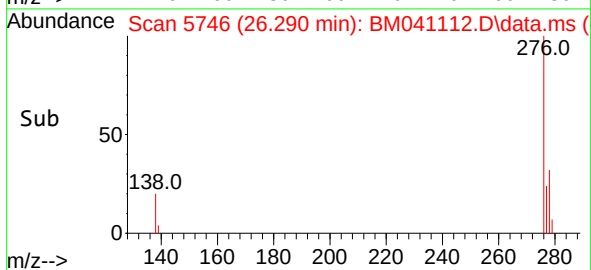
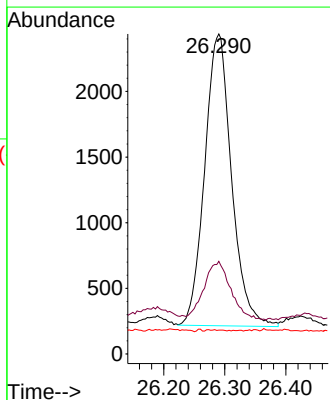
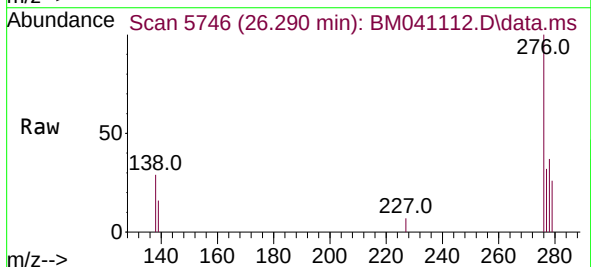
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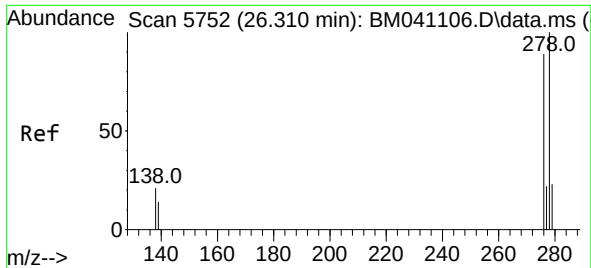
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.007 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

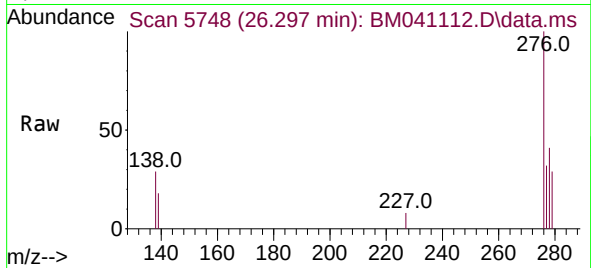
Tgt Ion:276 Resp: 6808
Ion Ratio Lower Upper
276 100
138 20.2 18.1 27.1
227 0.2 0.2 0.2





#28
 Dibenzo(a,h)anthracene
 Concen: 0.053 ng/ul
 RT: 26.297 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM041112.D
 Acq: 25 Jul 2023 18:57

Instrument :
 BNA_M
 ClientSampleId :
 A4722DL



Tgt Ion:278 Resp: 269
 Ion Ratio Lower Upper
 278 100
 139 43.2 14.1 21.1
 279 70.0 25.0 37.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

