

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040861.D
 Acq On : 13 Jul 2023 22:25
 Operator : MA/JU
 Sample : 03418-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4642

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:18:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	18803	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8497	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	15778	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9625	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	10189	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13584	1.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	3246	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	4706	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	13771	0.266	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	678	0.022	ng/ul	97
15) Phenanthrene	17.303	178	8675	0.177	ng/ul	99
16) Anthracene	17.392	178	856	0.021	ng/ul#	74
19) Fluoranthene	19.324	202	17709	0.433	ng/ul	97
20) Pyrene	19.687	202	12784m	0.292	ng/ul	
21) Benzo(a)anthracene	21.437	228	4785	0.147	ng/ul#	89
22) Chrysene	21.486	228	7626	0.205	ng/ul#	93
24) Benzo(b)fluoranthene	23.105	252	9290	0.236	ng/ul	69
25) Benzo(k)fluoranthene	23.152	252	3186m	0.082	ng/ul	
26) Benzo(a)pyrene	23.725	252	3196	0.090	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	26.290	276	3729	0.075	ng/ul#	87

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

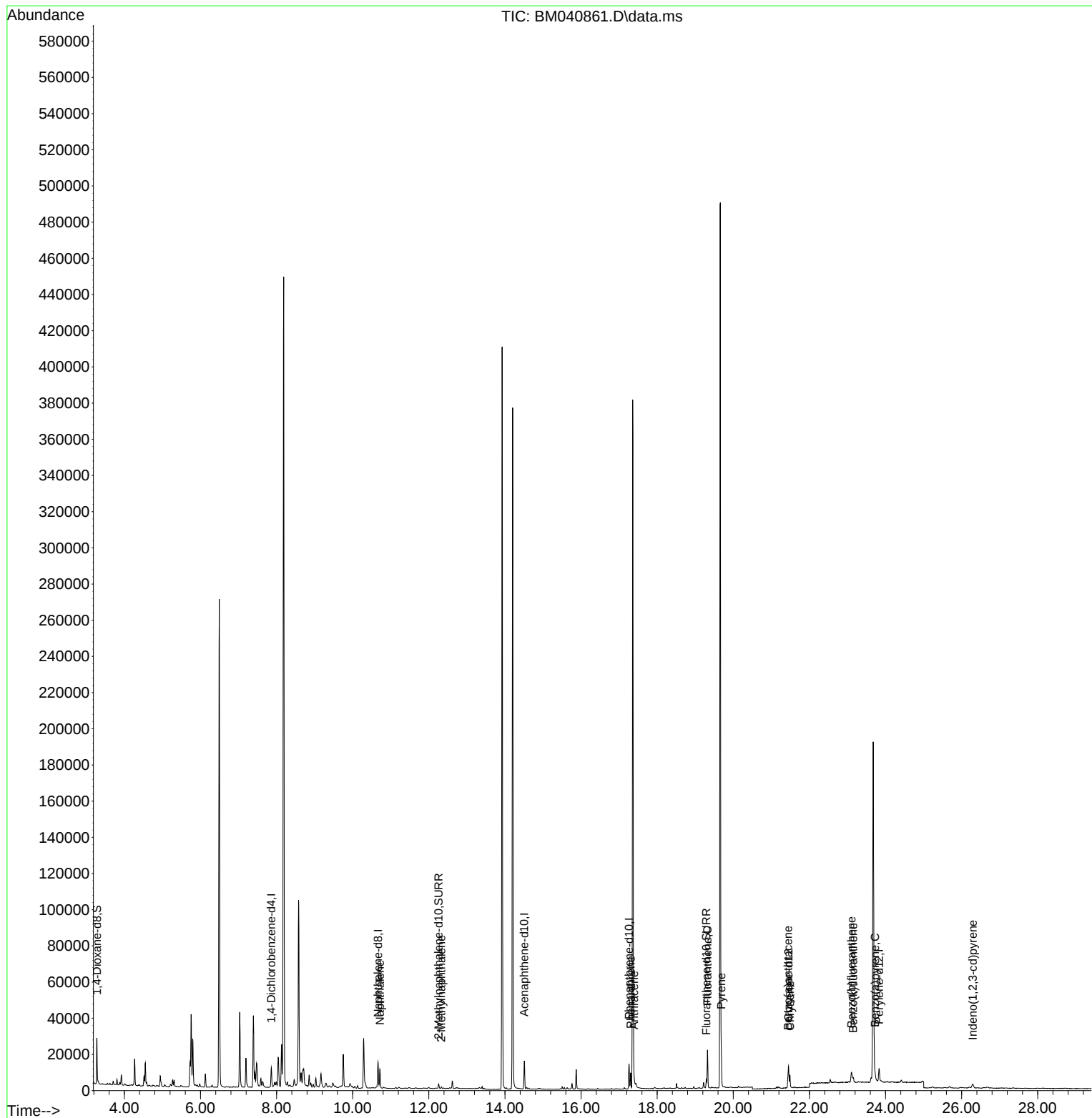
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
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ALS Vial : 13 Sample Multiplier: 1

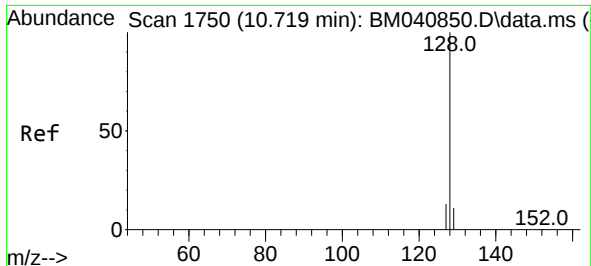
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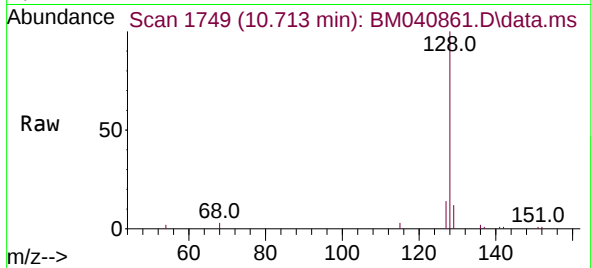
Quant Time: Jul 14 03:18:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
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#5
Naphthalene
Concen: 0.266 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

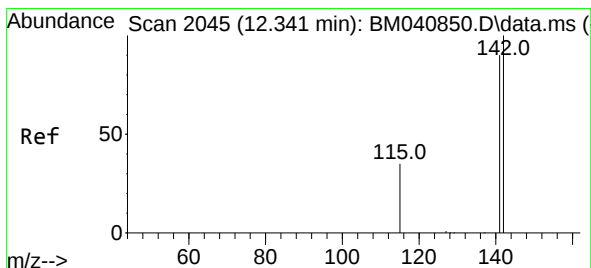
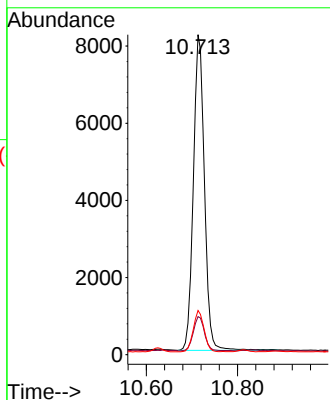
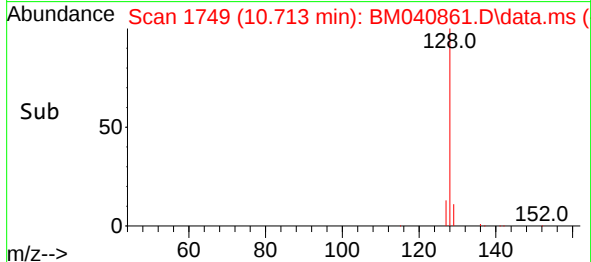
Instrument :
BNA_M
ClientSampleId :
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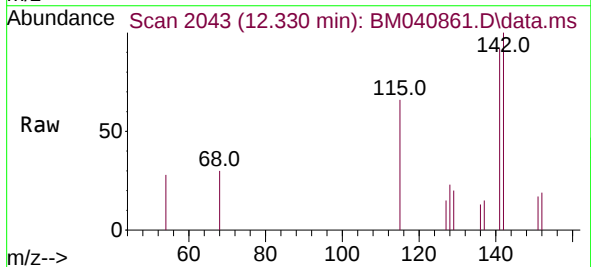
Tgt Ion:128 Resp: 1377
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.8 10.6 15.8

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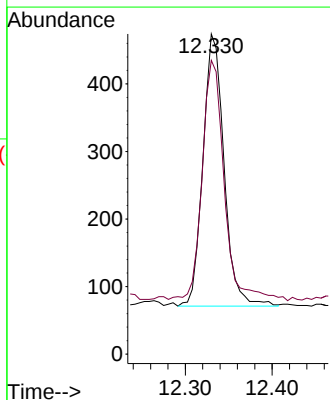
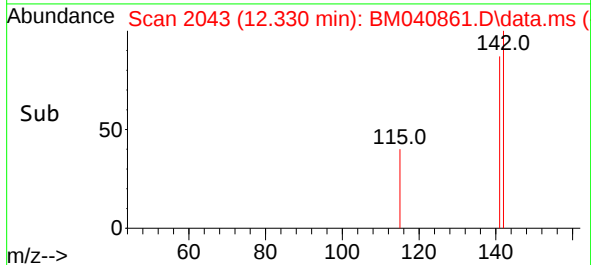
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

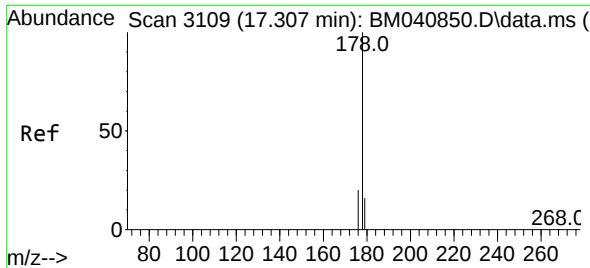


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25



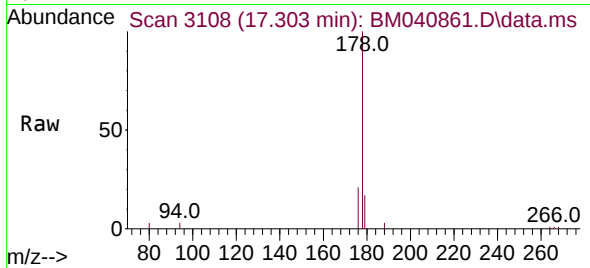
Tgt Ion:142 Resp: 678
Ion Ratio Lower Upper
142 100
141 92.9 71.9 107.9





#15
Phenanthrene
Concen: 0.177 ng/ul
RT: 17.303 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

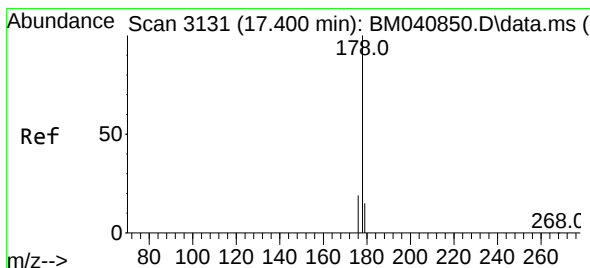
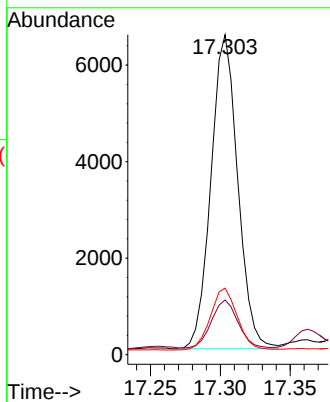
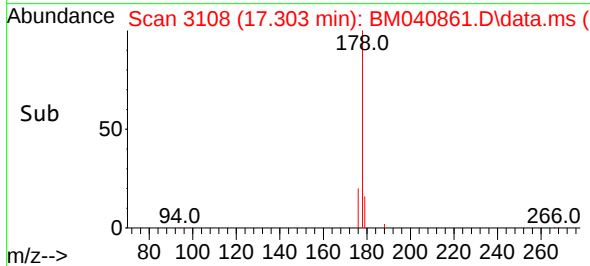
Instrument :
BNA_M
ClientSampleId :
A4642



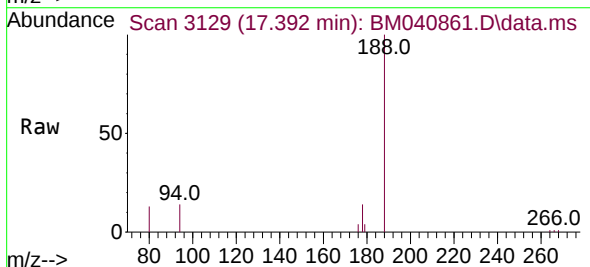
Tgt Ion:178 Resp: 867
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 20.8 16.4 24.6

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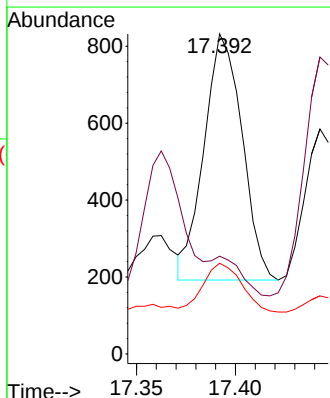
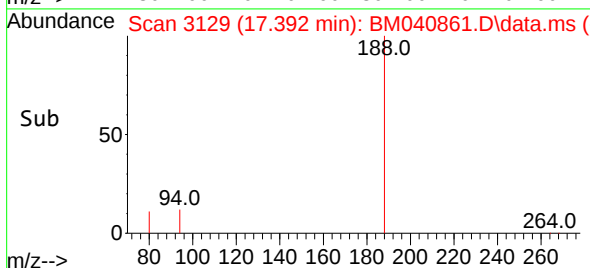
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

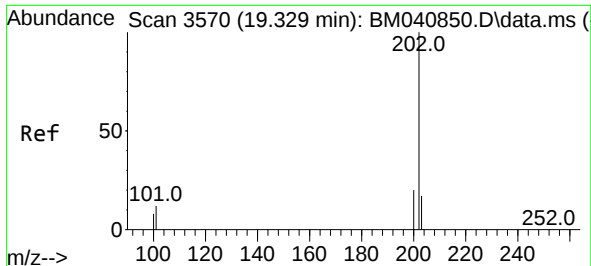


#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25



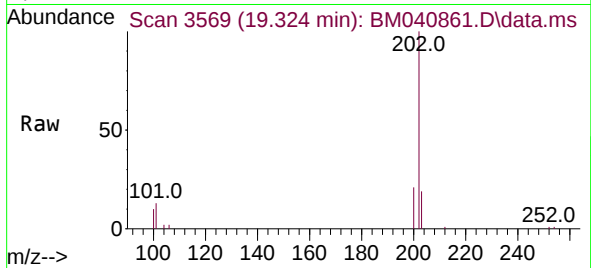
Tgt Ion:178 Resp: 856
Ion Ratio Lower Upper
178 100
179 30.5 12.9 19.3#
176 28.4 15.8 23.6#





#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.324 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

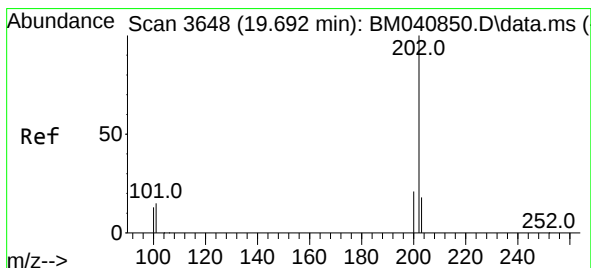
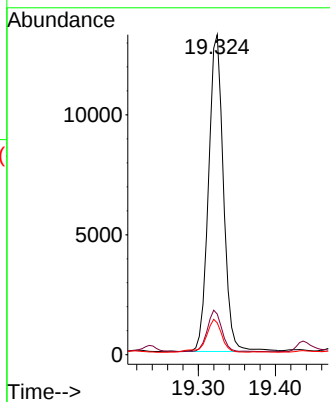
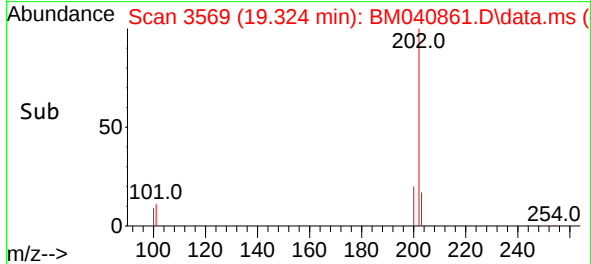
Instrument :
BNA_M
ClientSampleId :
A4642



Tgt Ion:202 Resp: 17709
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.9 8.7 13.1

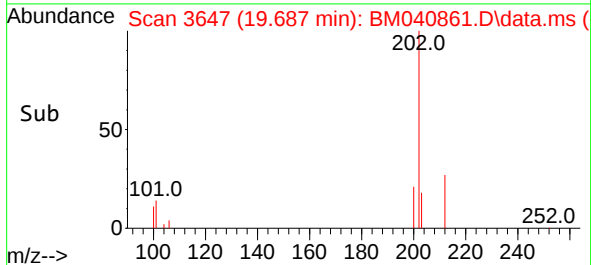
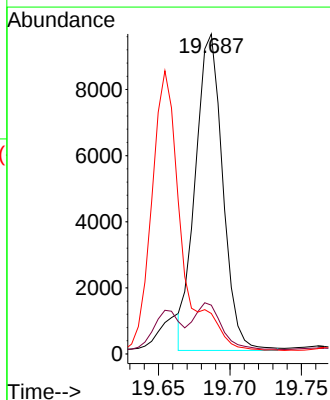
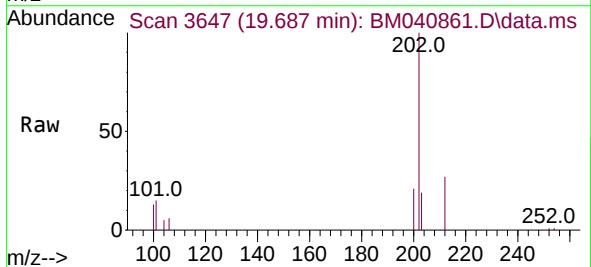
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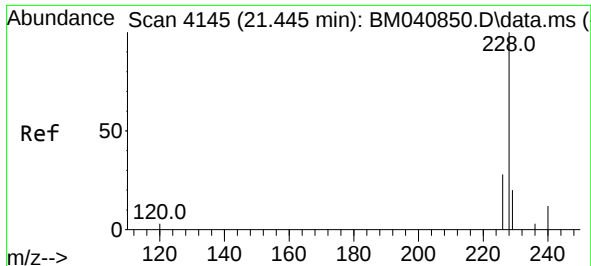
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#20
Pyrene
Concen: 0.292 ng/ul m
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

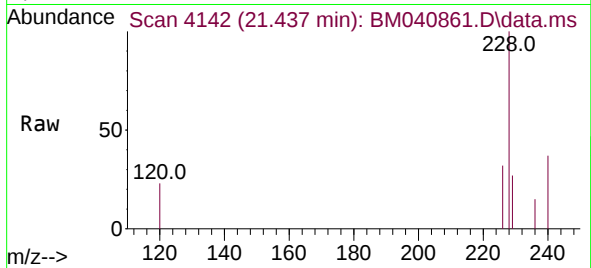
Tgt Ion:202 Resp: 12784
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.147 ng/ul
RT: 21.437 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

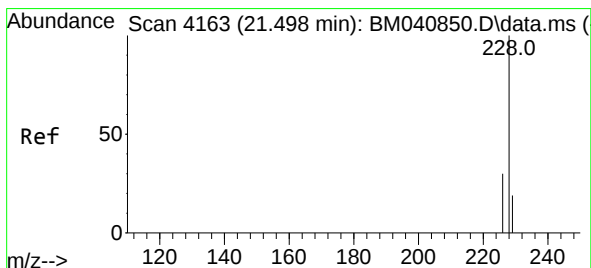
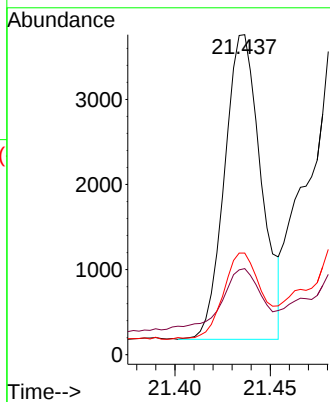
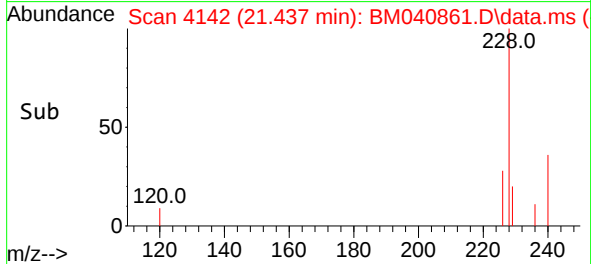
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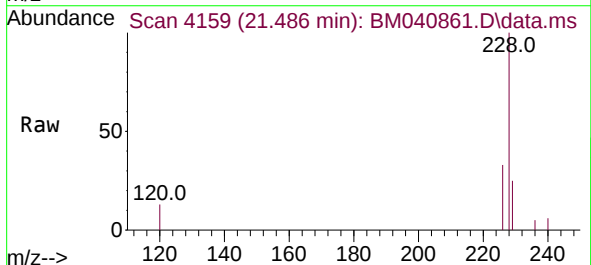
Tgt Ion:228 Resp: 4785
Ion Ratio Lower Upper
228 100
229 26.9 16.0 24.0
226 31.7 22.3 33.5

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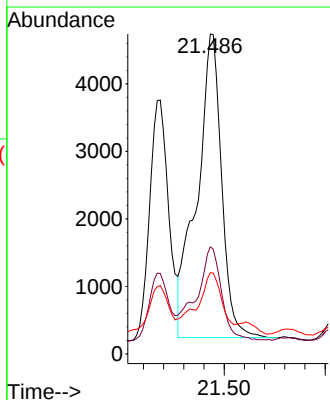
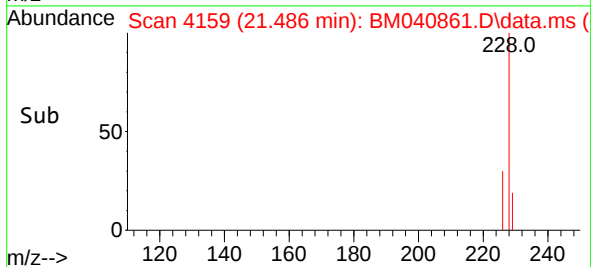
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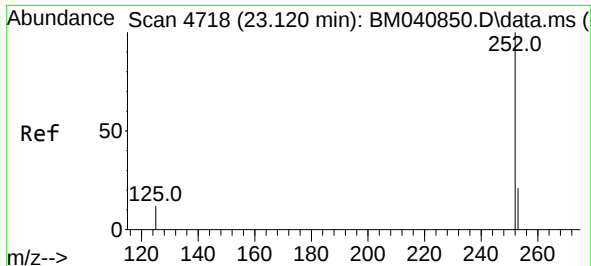


#22
Chrysene
Concen: 0.205 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25



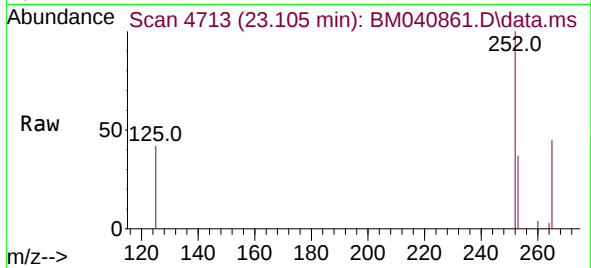
Tgt Ion:228 Resp: 7626
Ion Ratio Lower Upper
228 100
226 33.5 24.9 37.3
229 25.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.014 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

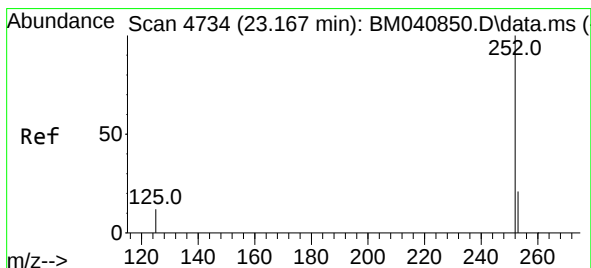
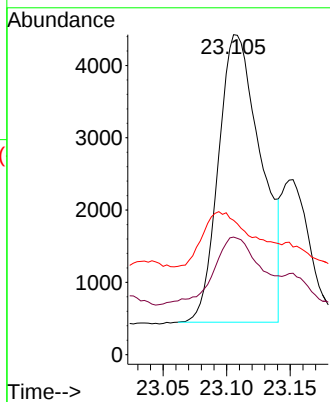
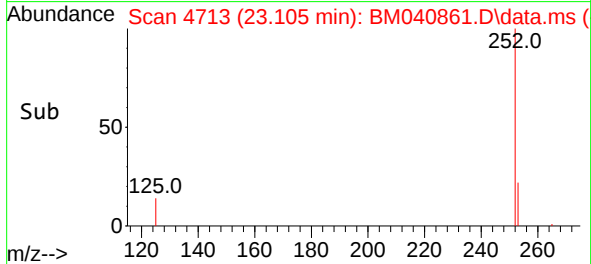
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Tgt Ion:252 Resp: 9290
Ion Ratio Lower Upper
252 100
253 36.8 0.0 52.8
125 42.0 0.0 43.0

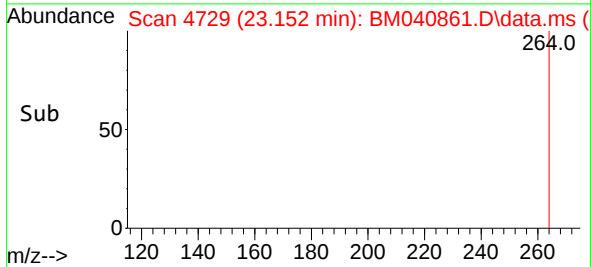
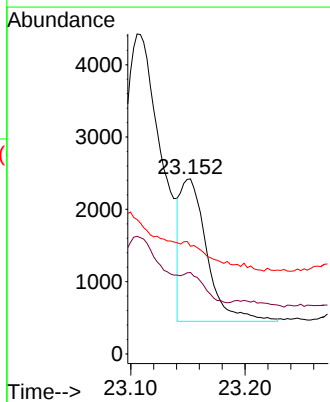
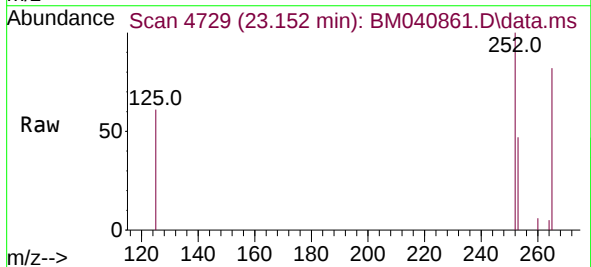
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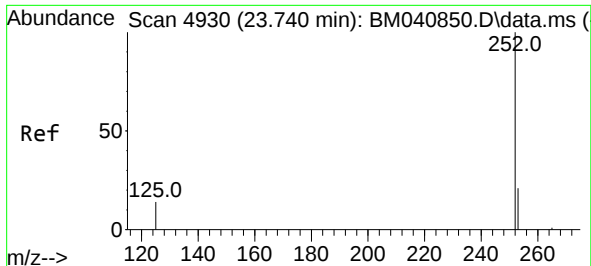
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 23.152 min Scan# 4729
Delta R.T. -0.014 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

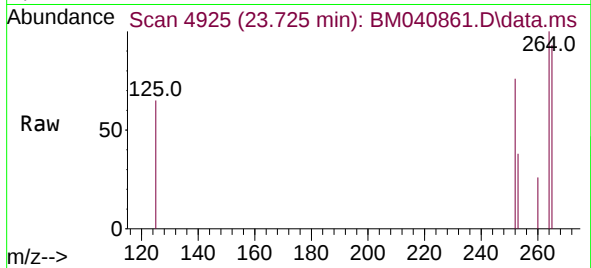
Tgt Ion:252 Resp: 3186
Ion Ratio Lower Upper
252 100
253 46.5 21.2 31.8#
125 61.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.725 min Scan# 4930
Delta R.T. -0.014 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25

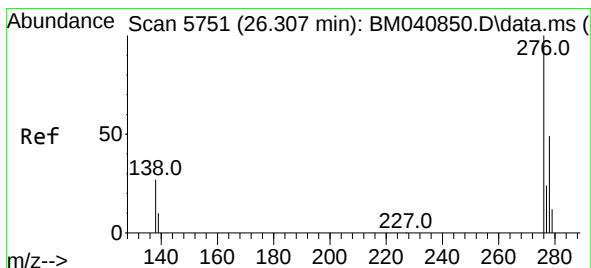
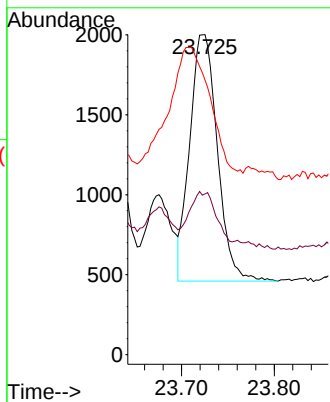
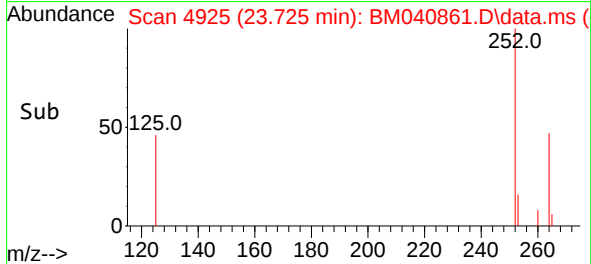
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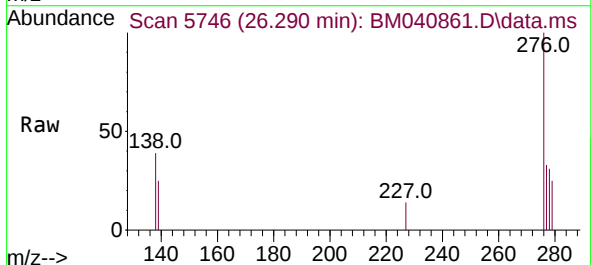
Tgt Ion:252 Resp: 3190
Ion Ratio Lower Upper
252 100
253 50.3 22.9 34.3#
125 85.8 21.0 31.4#

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040861.D
Acq: 13 Jul 2023 22:25



Tgt Ion:276 Resp: 3729
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.2 0.1 0.1#

