

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040266.D
 Acq On : 15 Jun 2023 19:17
 Operator : MA/JU
 Sample : 03088-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 23:43:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	9547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	32706	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	15416	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	25663	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	16681	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	17986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	16508	1.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	5498	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	7229	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.832	128	1560	0.020	ng/ul#	75
10) Acenaphthylene	14.330	152	1790	0.033	ng/ul#	78
15) Phenanthrene	17.394	178	12360	0.183	ng/ul	98
16) Anthracene	17.483	178	2641	0.046	ng/ul#	78
19) Fluoranthene	19.406	202	35073	0.617	ng/ul	98
20) Pyrene	19.768	202	22791m	0.386	ng/ul	
21) Benzo(a)anthracene	21.512	228	14198	0.288	ng/ul	98
22) Chrysene	21.565	228	18560	0.357	ng/ul	96
24) Benzo(b)fluoranthene	23.213	252	32576	0.491	ng/ul	79
25) Benzo(k)fluoranthene	23.257	252	11215m	0.180	ng/ul	
26) Benzo(a)pyrene	23.842	252	9102	0.167	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.464	276	11869	0.172	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.481	278	4464	0.081	ng/ul#	53

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

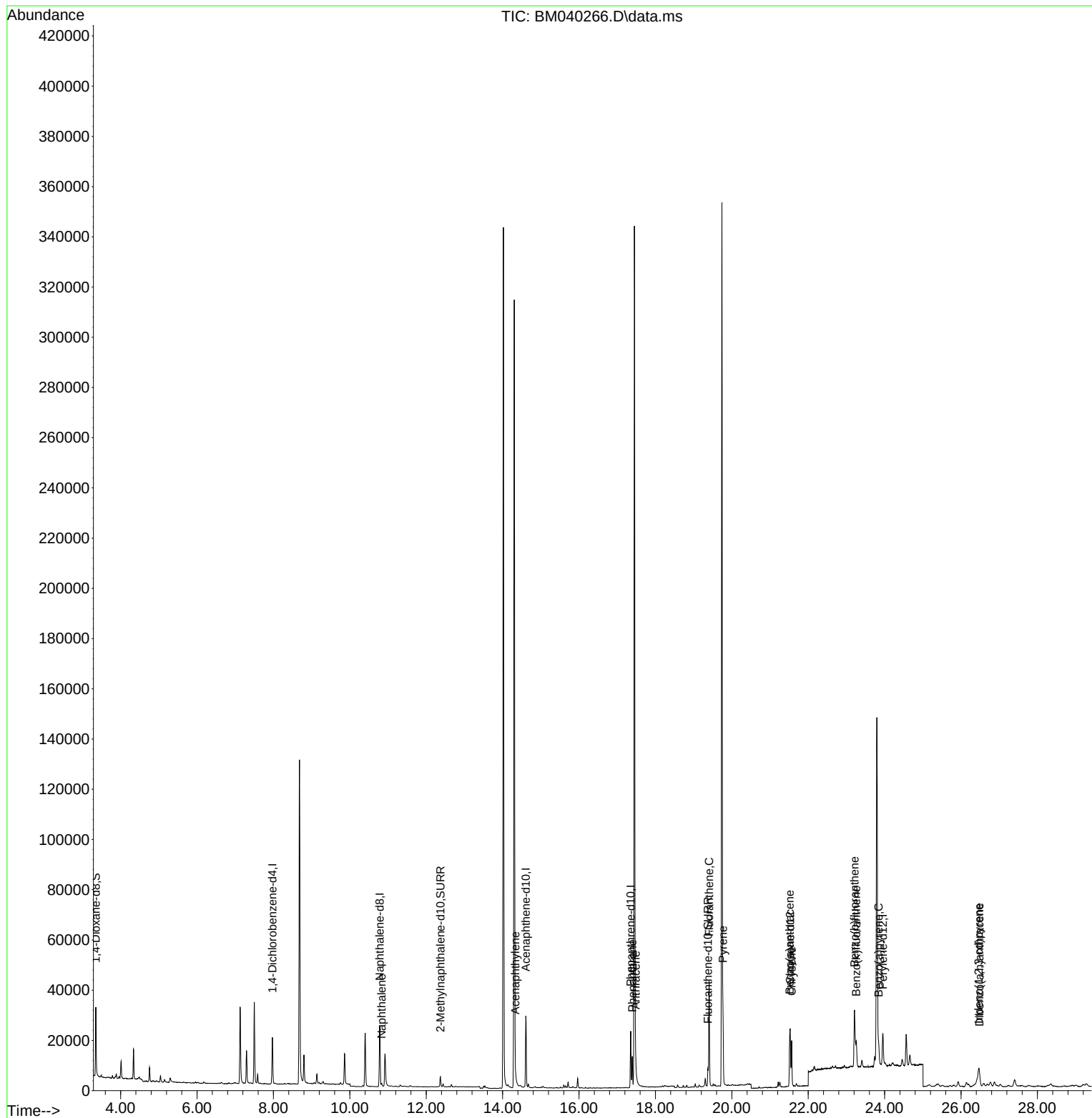
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040266.D
Acq On : 15 Jun 2023 19:17
Operator : MA/JU
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ALS Vial : 14 Sample Multiplier: 1

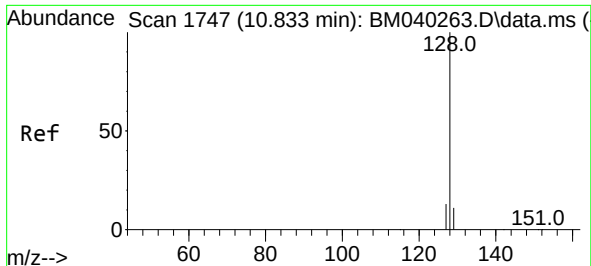
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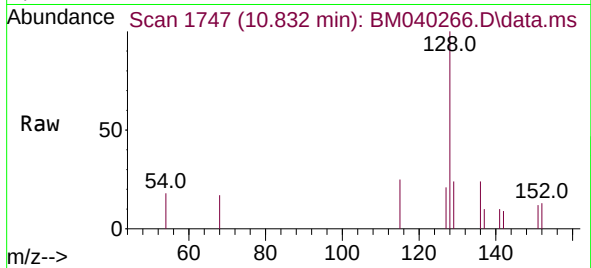
Quant Time: Jun 15 23:43:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.832 min Scan# 1747
Delta R.T. -0.001 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

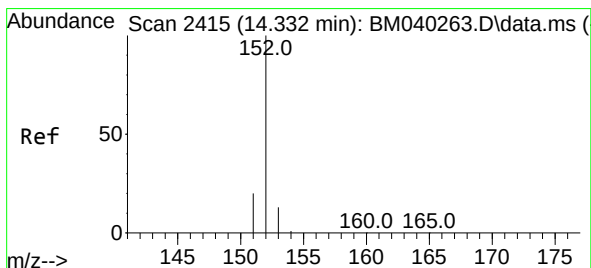
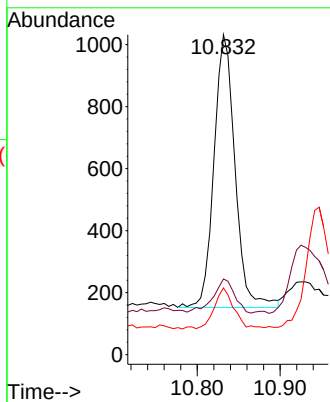
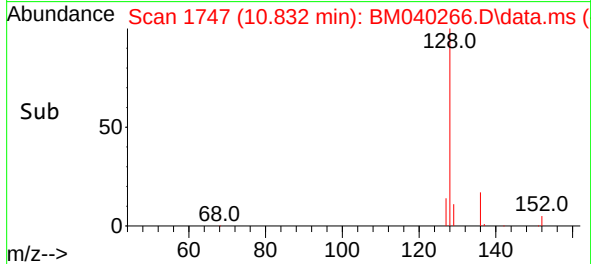
Instrument :
BNA_M
ClientSampleId :
DCFR3



Tgt Ion:128 Resp: 1560
Ion Ratio Lower Upper
128 100
129 23.6 9.1 13.7#
127 20.8 10.4 15.6#

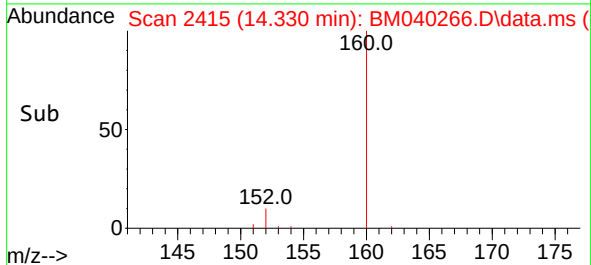
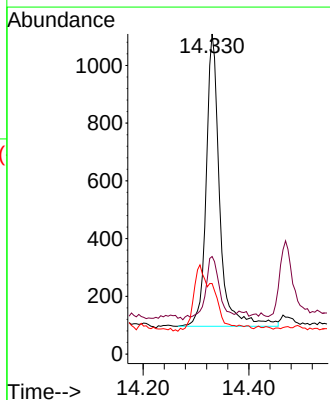
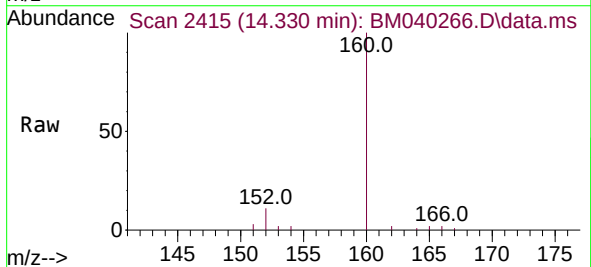
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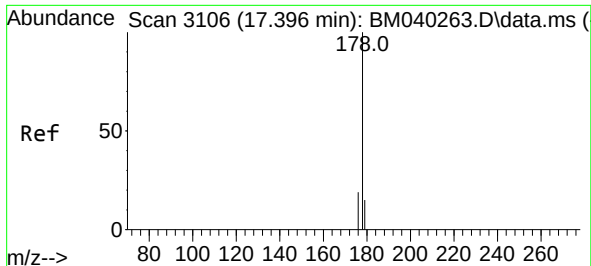
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.330 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

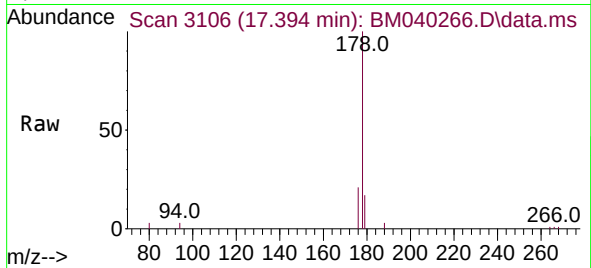
Tgt Ion:152 Resp: 1790
Ion Ratio Lower Upper
152 100
151 30.5 16.3 24.5#
153 22.0 10.7 16.1#





#15
Phenanthrene
Concen: 0.183 ng/ul
RT: 17.394 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

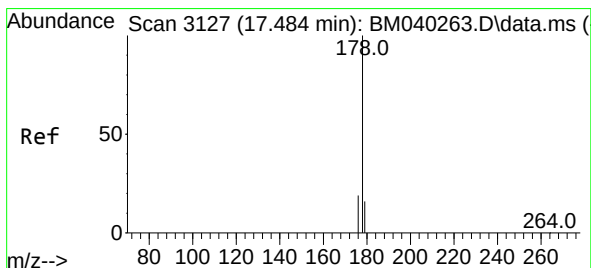
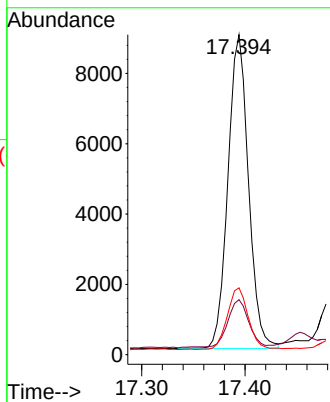
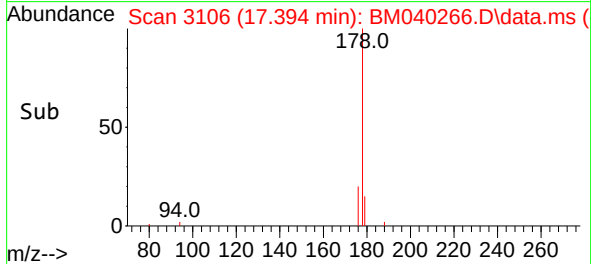
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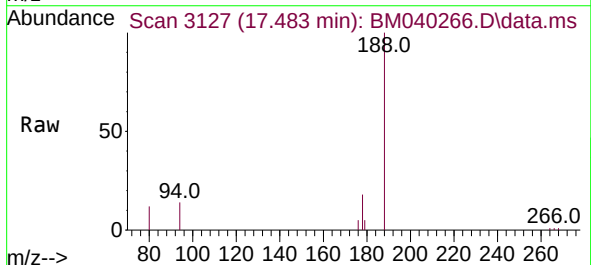
Tgt Ion:178 Resp: 12360
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 20.9 16.1 24.1

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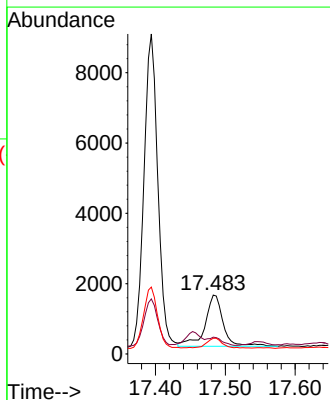
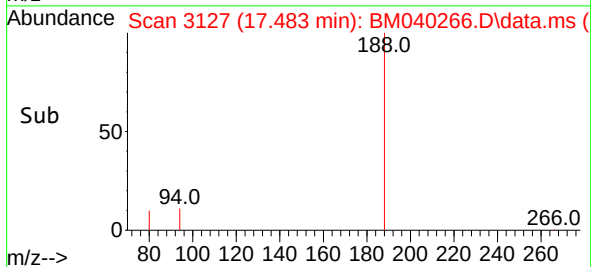
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Supervised By :mohammad ahmed 06/16/2023

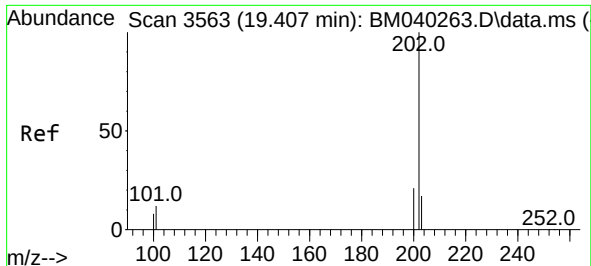


#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17



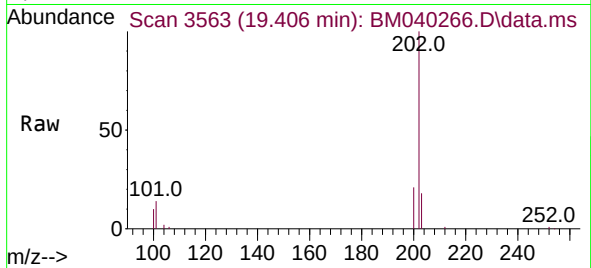
Tgt Ion:178 Resp: 2641
Ion Ratio Lower Upper
178 100
179 28.5 13.0 19.4#
176 26.6 15.5 23.3#





#19
Fluoranthene
Concen: 0.617 ng/ul
RT: 19.406 min Scan# 3563
Delta R.T. -0.001 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

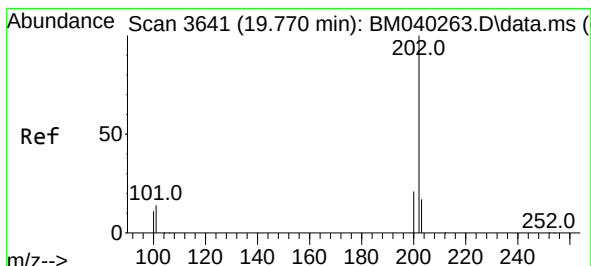
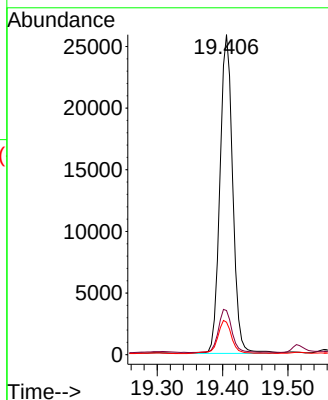
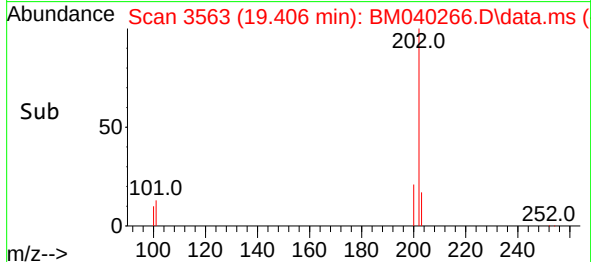
Instrument :
BNA_M
ClientSampleId :
DCFR3



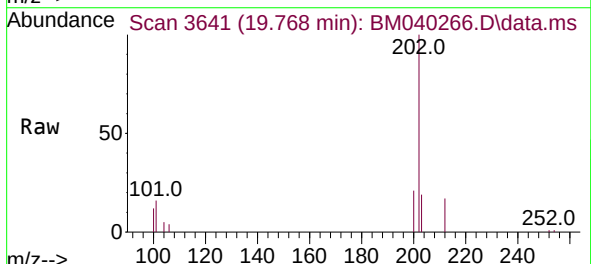
Tgt Ion:202 Resp: 3507
Ion Ratio Lower Upper
202 100
101 13.8 10.2 15.4
100 10.1 7.6 11.4

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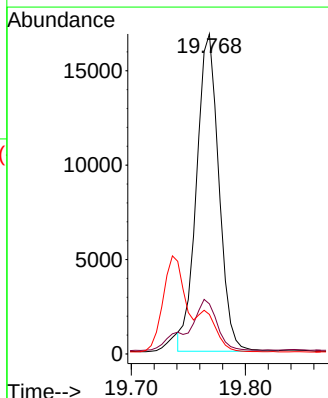
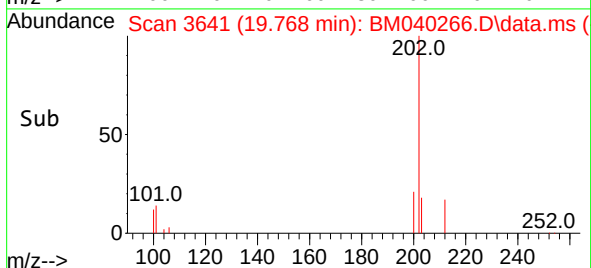
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

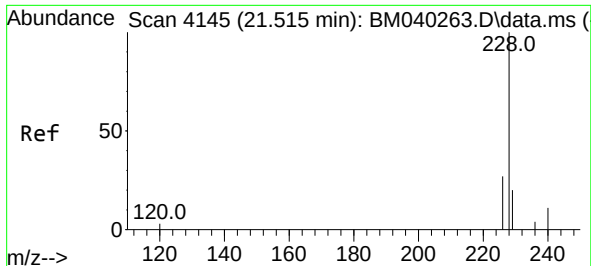


#20
Pyrene
Concen: 0.386 ng/ul m
RT: 19.768 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17



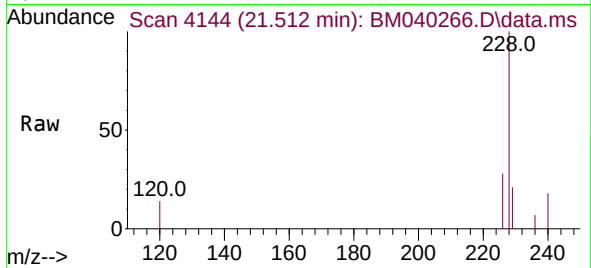
Tgt Ion:202 Resp: 22791
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.4 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.288 ng/u1
RT: 21.512 min Scan# 4145
Delta R.T. -0.003 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

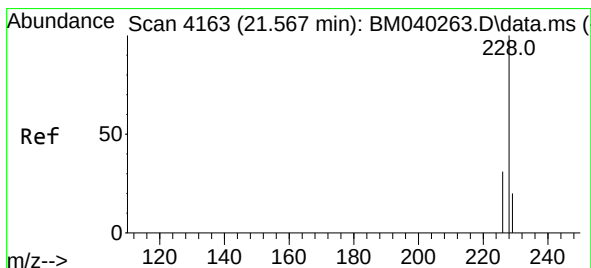
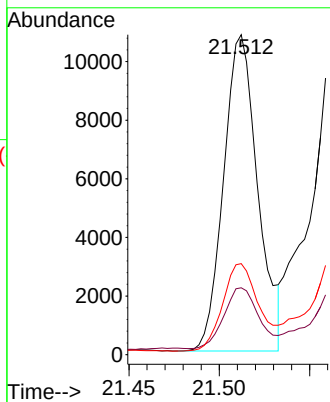
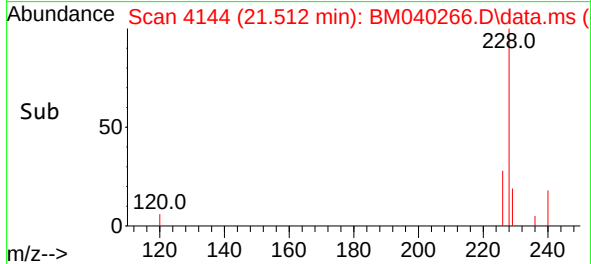
Instrument :
BNA_M
ClientSampleId :
DCFR3



Tgt Ion:228 Resp: 14198
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.5 22.0 33.0

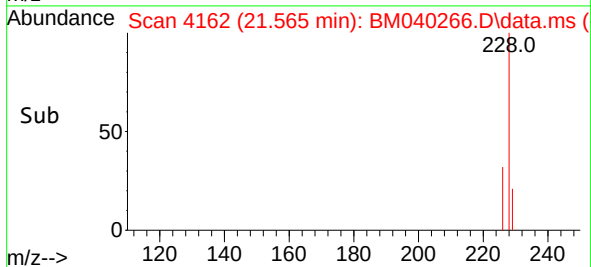
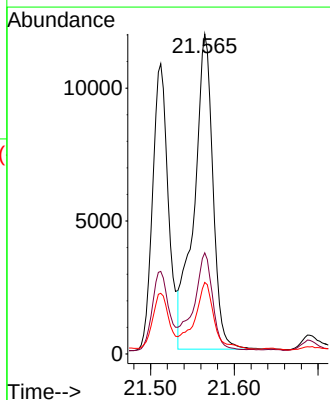
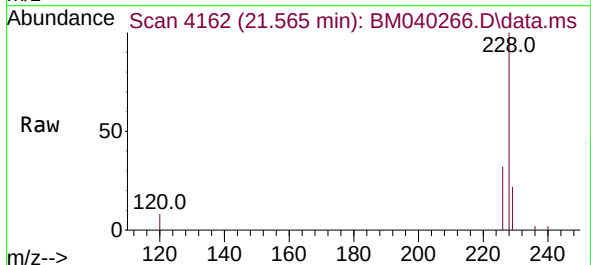
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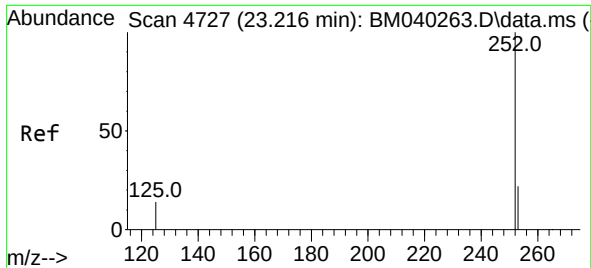
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Chrysene
Concen: 0.357 ng/u1
RT: 21.565 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

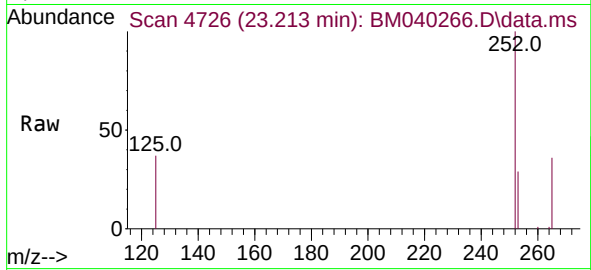
Tgt Ion:228 Resp: 18560
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.491 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

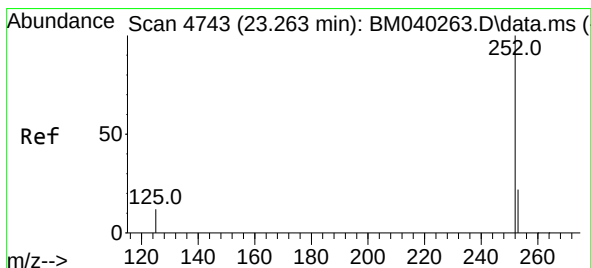
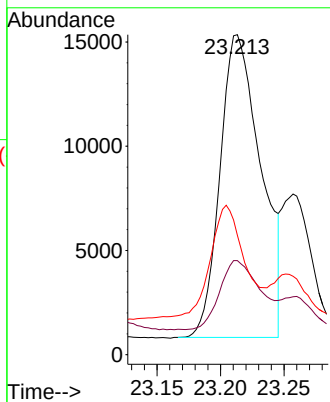
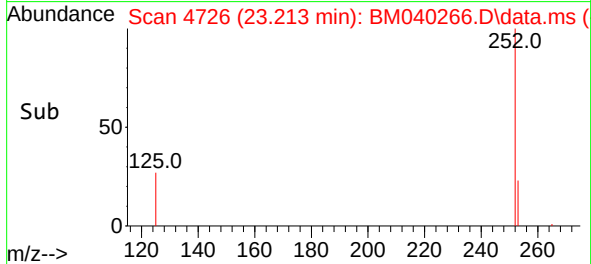
Instrument :
BNA_M
ClientSampleId :
DCFR3



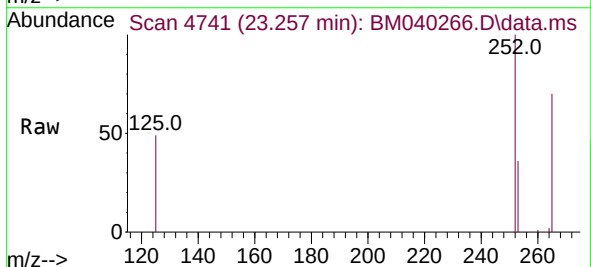
Tgt Ion:252 Resp: 32570
Ion Ratio Lower Upper
252 100
253 29.4 0.0 52.4
125 37.3 0.0 38.4

Manual Integrations
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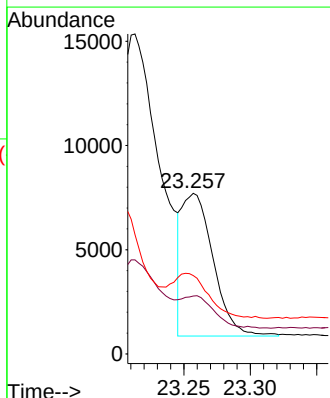
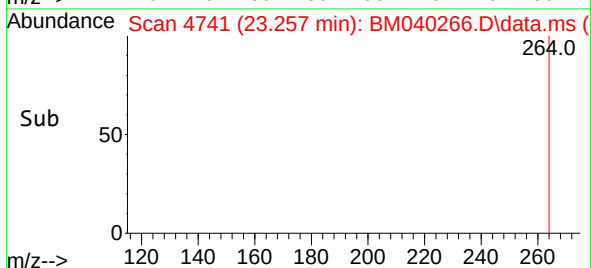
Reviewed By :Yogesh Patel 06/16/2023
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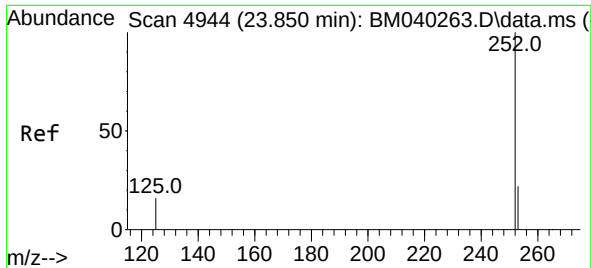


#25
Benzo(k)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.008 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17



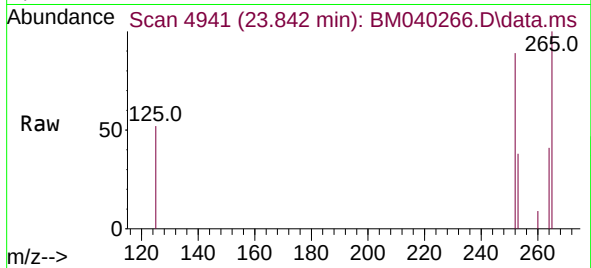
Tgt Ion:252 Resp: 11215
Ion Ratio Lower Upper
252 100
253 36.0 21.5 32.3#
125 48.8 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.842 min Scan# 4944
Delta R.T. -0.008 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

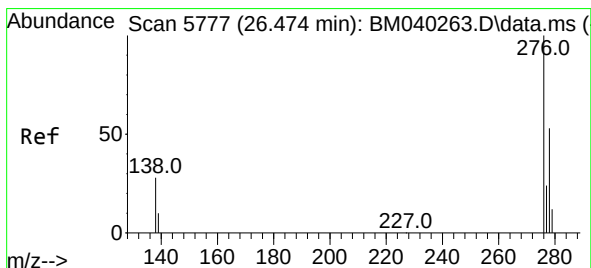
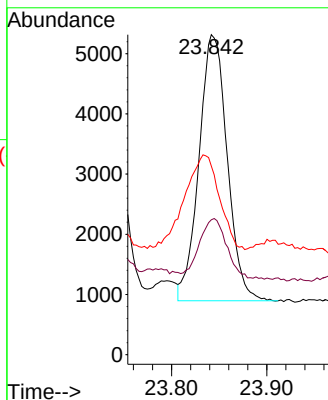
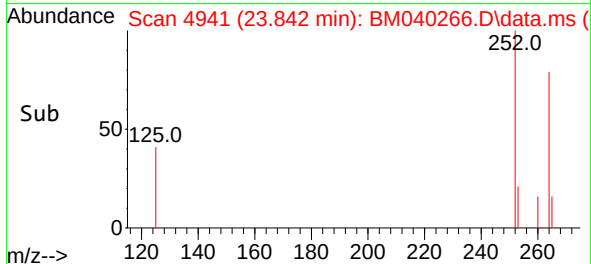
Instrument :
BNA_M
ClientSampleId :
DCFR3



Tgt Ion:252 Resp: 910
Ion Ratio Lower Upper
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253 42.1 23.4 35.0#
125 59.0 19.7 29.5#

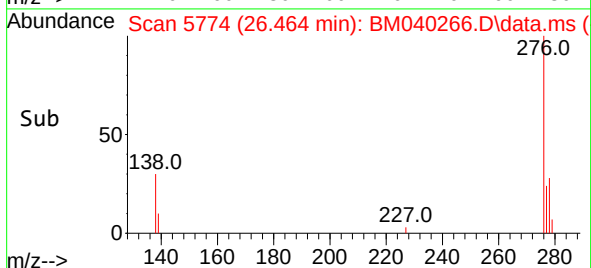
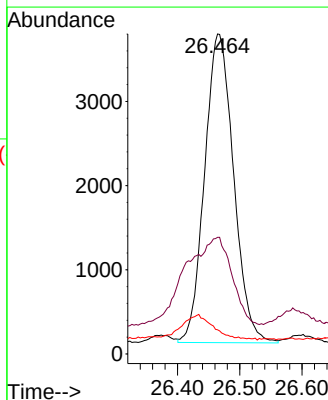
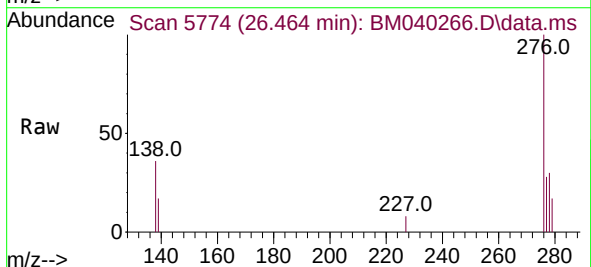
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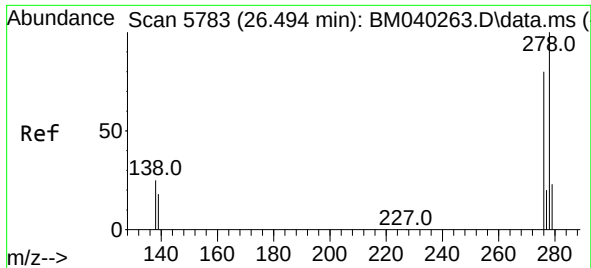
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040266.D
Acq: 15 Jun 2023 19:17

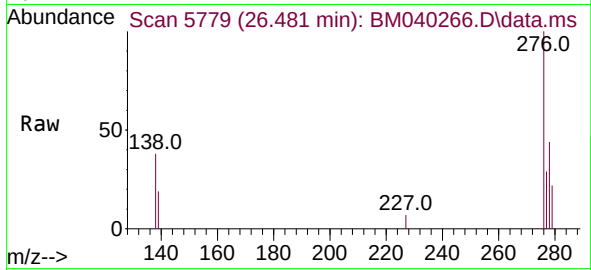
Tgt Ion:276 Resp: 11869
Ion Ratio Lower Upper
276 100
138 46.6 23.3 34.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.081 ng/ul
 RT: 26.481 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: BM040266.D
 Acq: 15 Jun 2023 19:17

Instrument :
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Tgt Ion:278 Resp: 4464
 Ion Ratio Lower Upper
 278 100
 139 43.2 16.4 24.6
 279 50.6 21.8 32.8

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