

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040245.D
 Acq On : 14 Jun 2023 20:04
 Operator : MA/JU
 Sample : 03088-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 00:52:08 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	9998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	37494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	21118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	40774	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	30621	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	25804	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	17147	1.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4395	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	8093	0.106	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	1913	0.022	ng/ul#	81
7) 2-Methylnaphthalene	12.444	142	1165	0.021	ng/ul	98
10) Acenaphthylene	14.332	152	2270	0.031	ng/ul#	79
15) Phenanthrene	17.396	178	21184	0.198	ng/ul	98
16) Anthracene	17.484	178	3632	0.040	ng/ul#	81
19) Fluoranthene	19.407	202	67055	0.643	ng/ul	99
20) Pyrene	19.770	202	44666	0.412	ng/ul	99
21) Benzo(a)anthracene	21.512	228	29195	0.323	ng/ul	97
22) Chrysene	21.564	228	37130	0.389	ng/ul	96
24) Benzo(b)fluoranthene	23.213	252	52462	0.552	ng/ul#	77
25) Benzo(k)fluoranthene	23.260	252	19346m	0.216	ng/ul	
26) Benzo(a)pyrene	23.844	252	14306	0.183	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.467	276	15800	0.160	ng/ul#	64
28) Dibenzo(a,h)anthracene	26.484	278	5903	0.074	ng/ul#	45

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

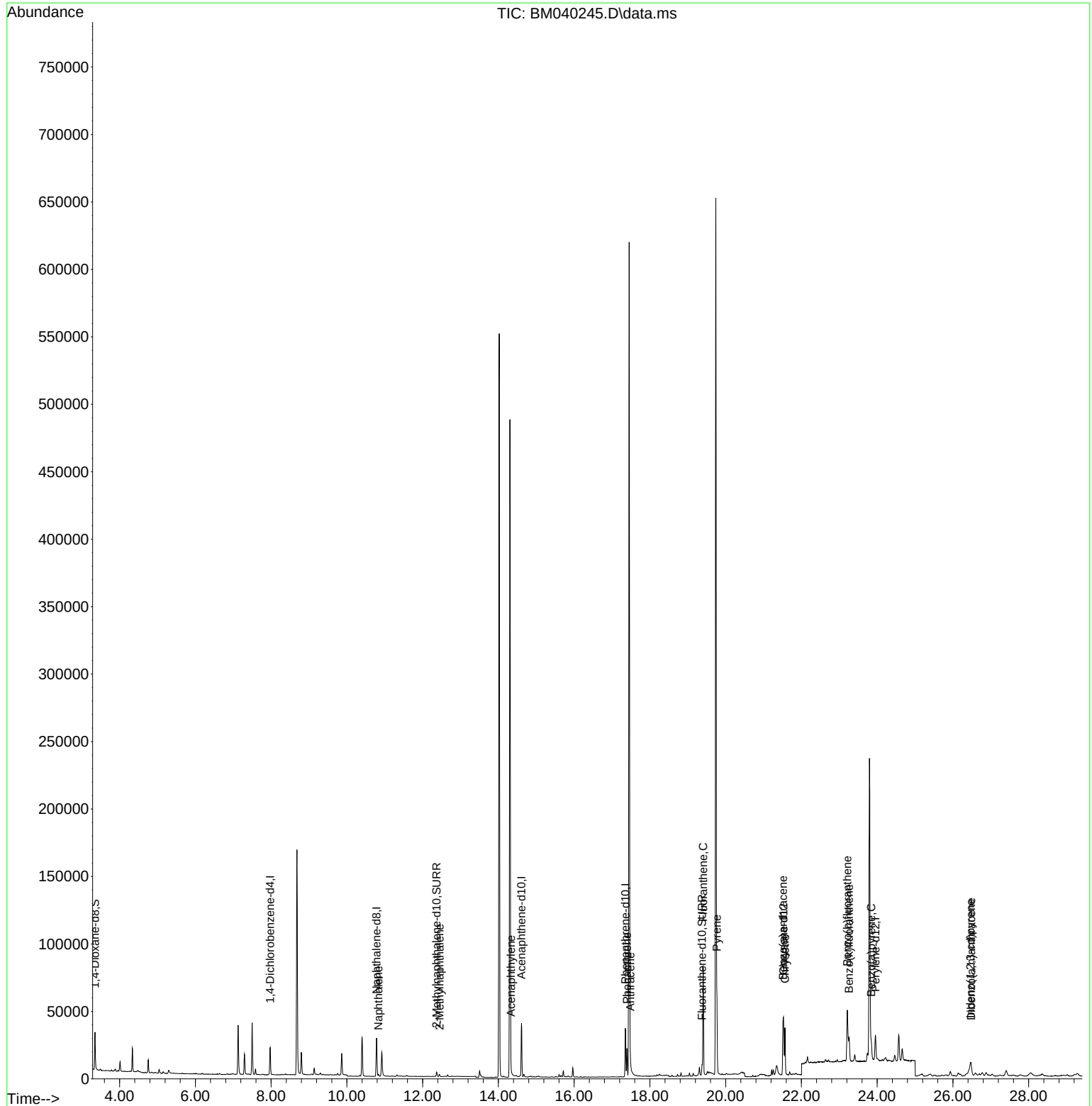
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
Data File : BM040245.D
Acq On : 14 Jun 2023 20:04
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ALS Vial : 13 Sample Multiplier: 1

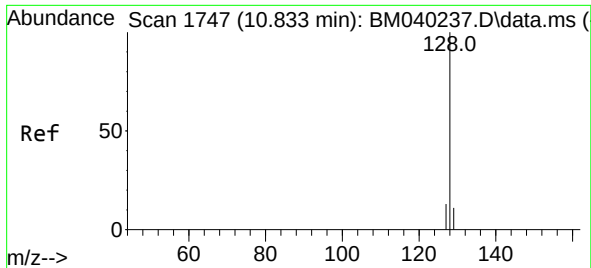
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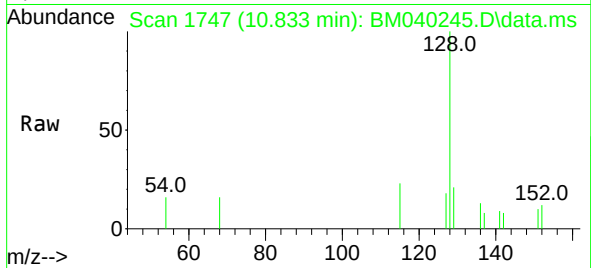
Quant Time: Jun 15 00:52:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

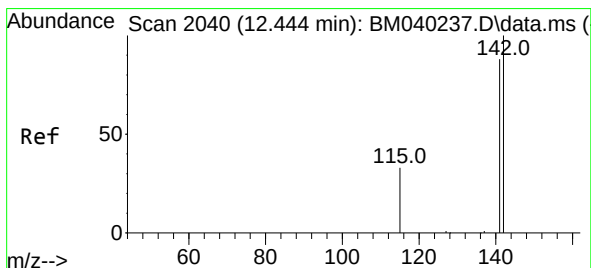
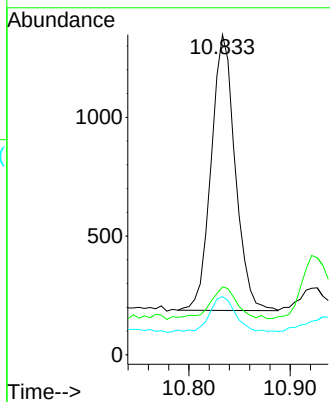
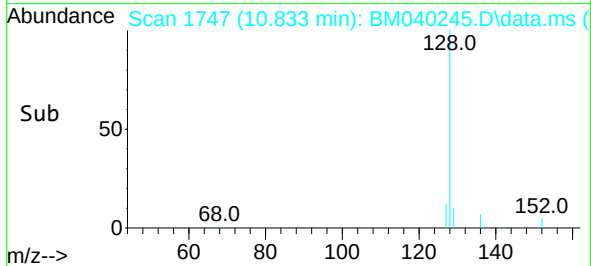
Instrument :
BNA_M
ClientSampleId :
DCFR3



Tgt Ion:128 Resp: 191
Ion Ratio Lower Upper
128 100
129 21.2 9.1 13.7
127 18.2 10.4 15.6

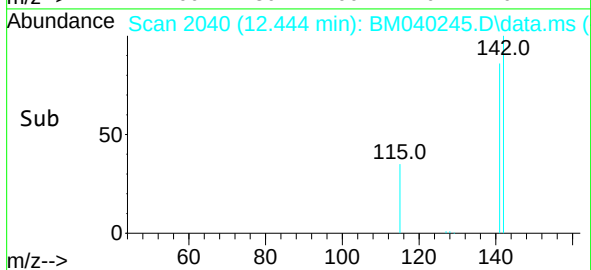
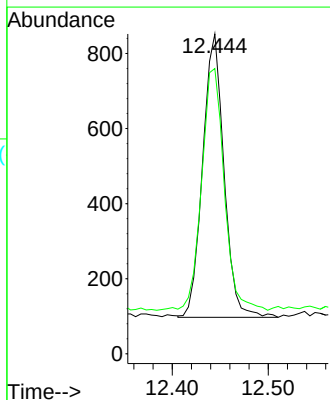
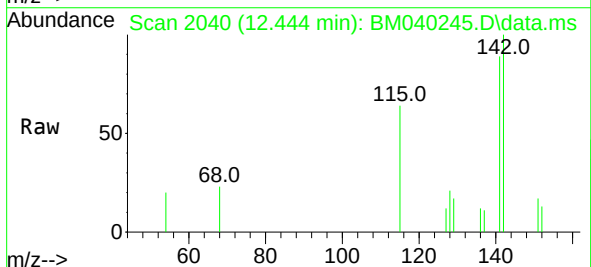
Manual Integrations
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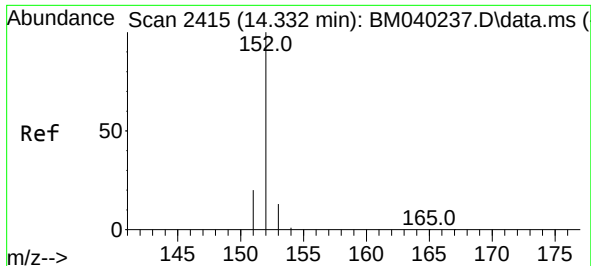
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

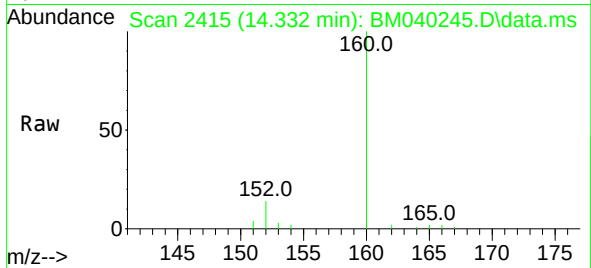
Tgt Ion:142 Resp: 1165
Ion Ratio Lower Upper
142 100
141 90.3 70.6 106.0





#10
Acenaphthylene
Concen: 0.031 ng/u1
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

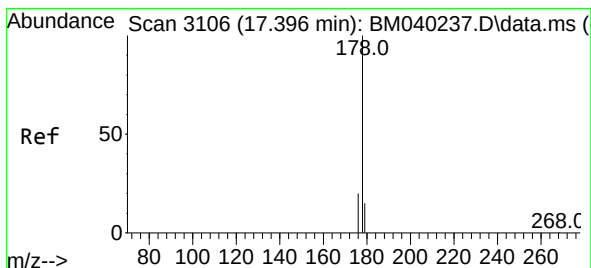
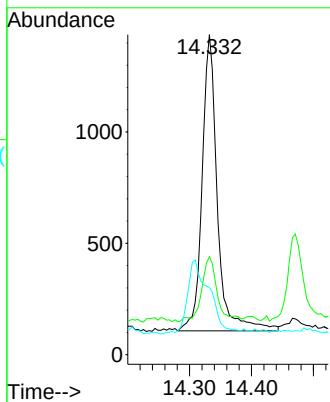
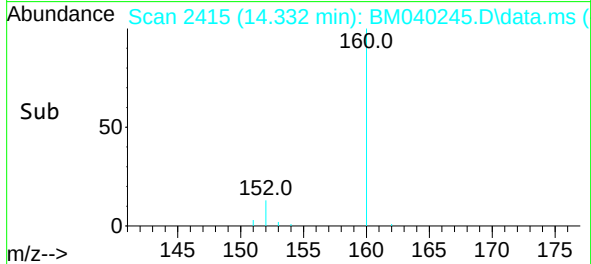
Instrument :
BNA_M
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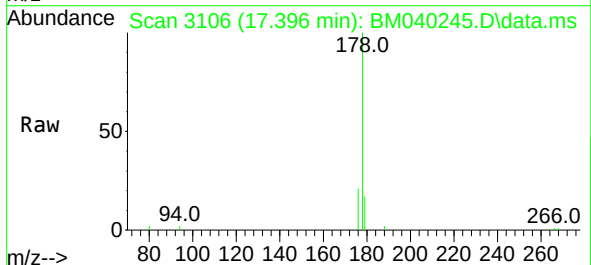
Tgt Ion:152 Resp: 2270
Ion Ratio Lower Upper
152 100
151 30.6 16.3 24.5
153 21.0 10.7 16.1

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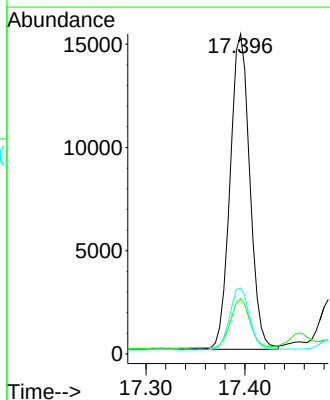
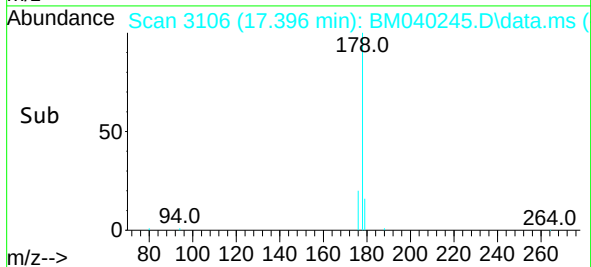
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

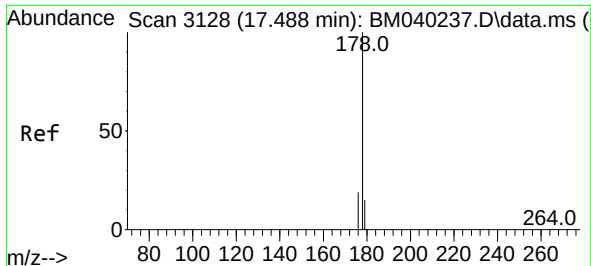


#15
Phenanthrene
Concen: 0.198 ng/u1
RT: 17.396 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04



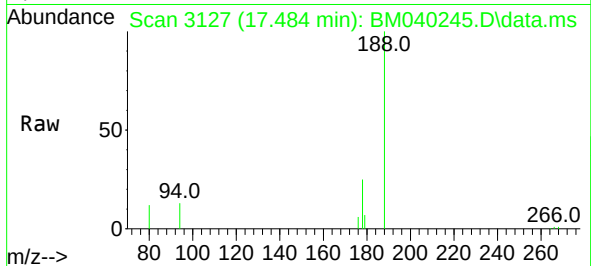
Tgt Ion:178 Resp: 21184
Ion Ratio Lower Upper
178 100
179 17.3 12.6 19.0
176 20.6 16.1 24.1





#16
 Anthracene
 Concen: 0.040 ng/ul
 RT: 17.484 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040245.D
 Acq: 14 Jun 2023 20:04

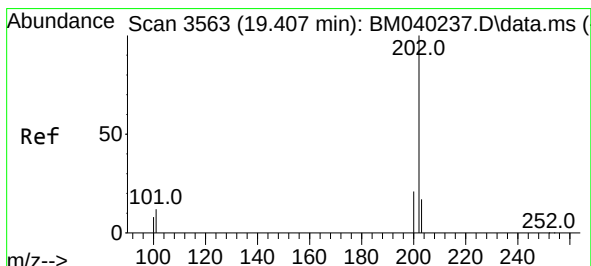
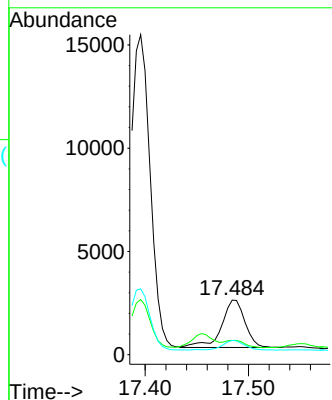
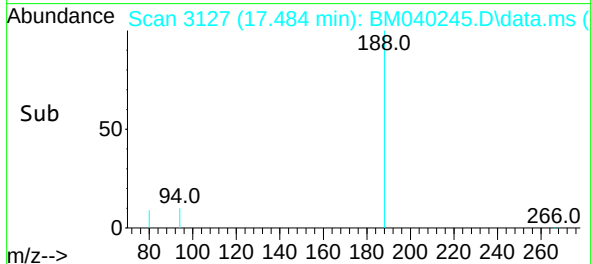
Instrument :
 BNA_M
 ClientSampleId :
 DCFR3



Tgt Ion:178 Resp: 363
 Ion Ratio Lower Upper
 178 100
 179 26.2 13.0 19.4
 176 26.0 15.5 23.3

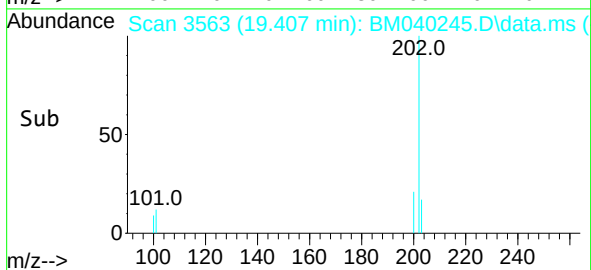
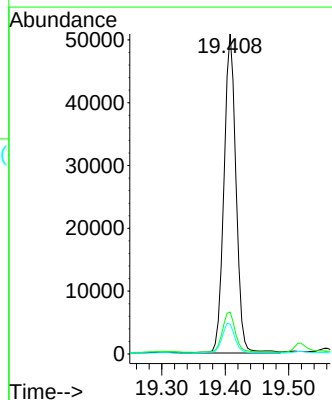
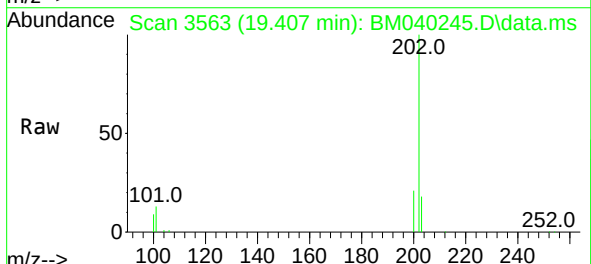
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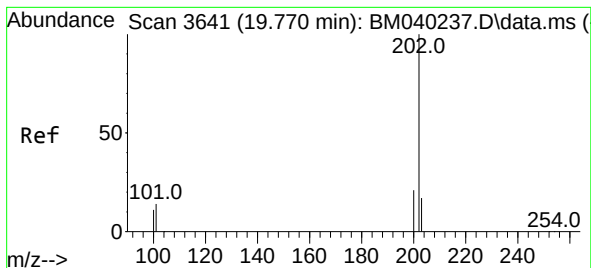
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#19
 Fluoranthene
 Concen: 0.643 ng/ul
 RT: 19.407 min Scan# 3563
 Delta R.T. 0.000 min
 Lab File: BM040245.D
 Acq: 14 Jun 2023 20:04

Tgt Ion:202 Resp: 67055
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.2 15.4
 100 9.3 7.6 11.4





#20

Pyrene

Concen: 0.412 ng/ul

RT: 19.770 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM040245.D

Acq: 14 Jun 2023 20:04

Instrument :

BNA_M

ClientSampleId :

DCFR3

Tgt Ion:202 Resp: 4466

Ion Ratio Lower Upper

202 100

101 14.7 11.8 17.8

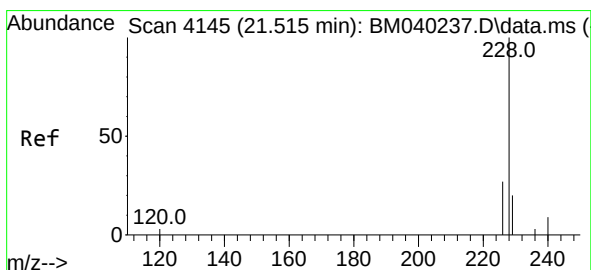
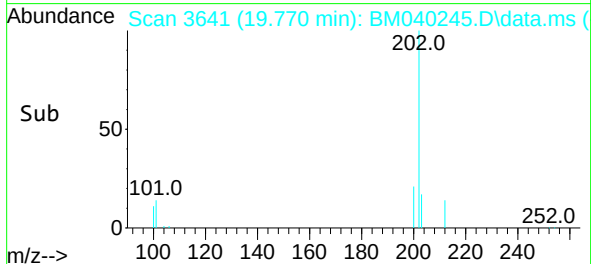
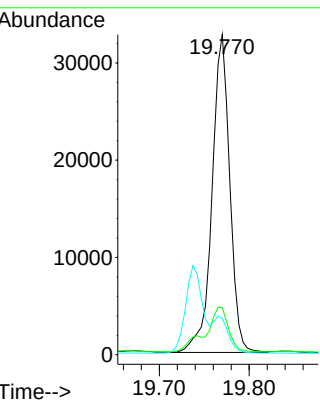
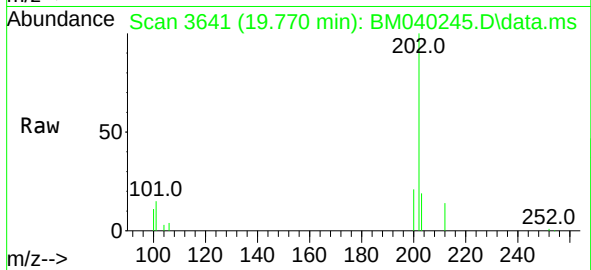
100 11.3 9.3 13.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#21

Benzo(a)anthracene

Concen: 0.323 ng/ul

RT: 21.512 min Scan# 4144

Delta R.T. -0.003 min

Lab File: BM040245.D

Acq: 14 Jun 2023 20:04

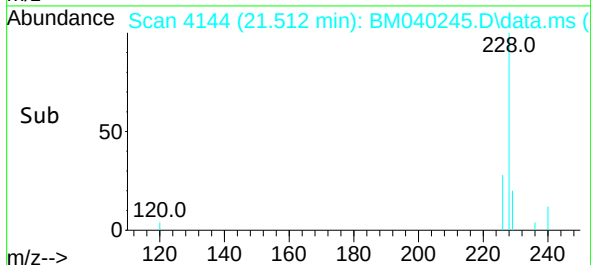
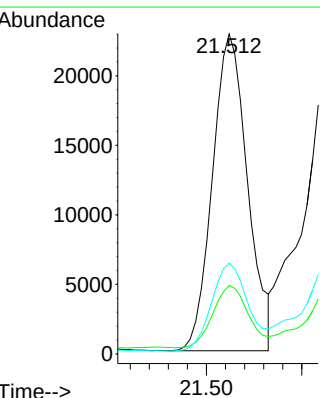
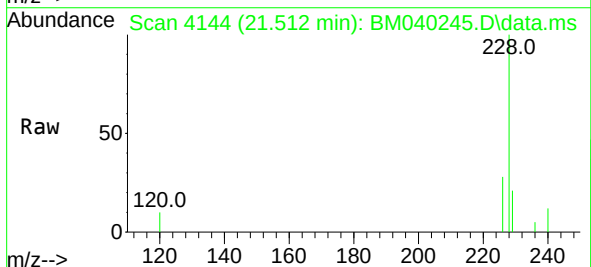
Tgt Ion:228 Resp: 29195

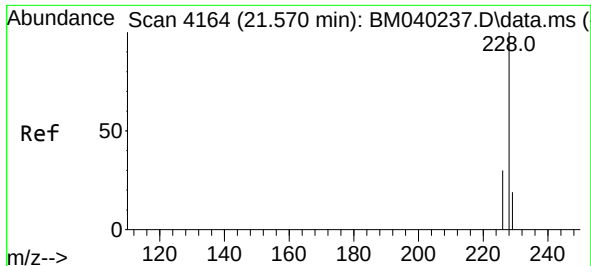
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.8

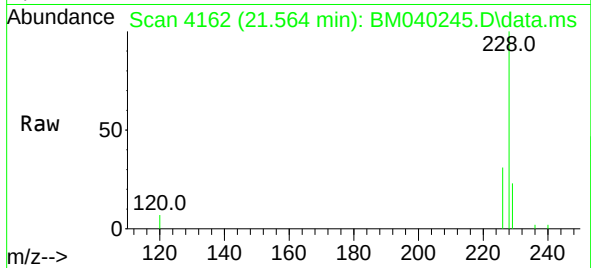
226 28.4 22.0 33.0





#22
Chrysene
Concen: 0.389 ng/u1
RT: 21.564 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

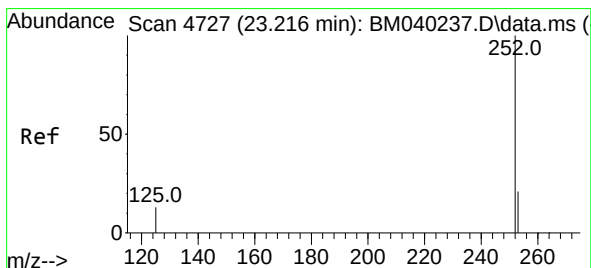
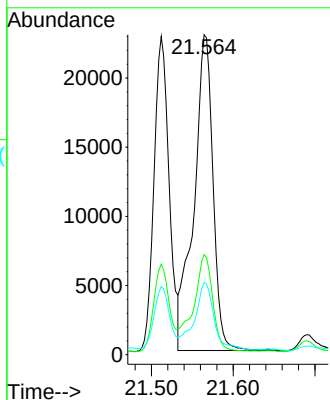
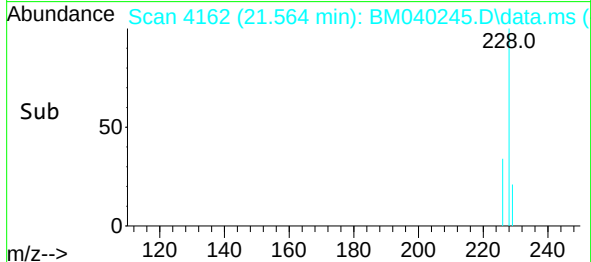
Instrument :
BNA_M
ClientSampleId :
DCFR3



Tgt Ion:228 Resp: 37130
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.6 15.7 23.5

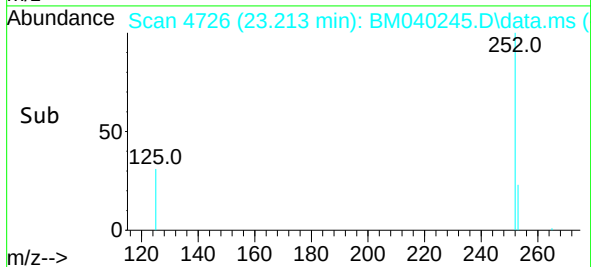
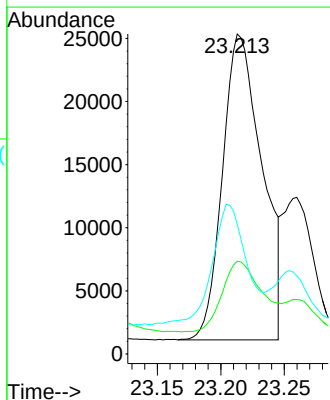
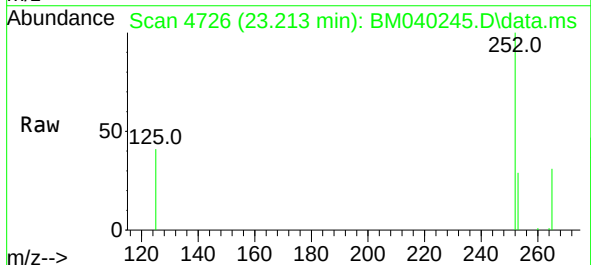
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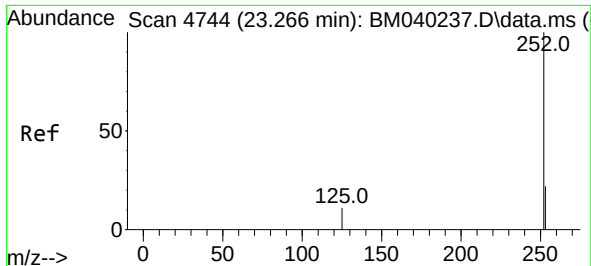
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#24
Benzo(b)fluoranthene
Concen: 0.552 ng/u1
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

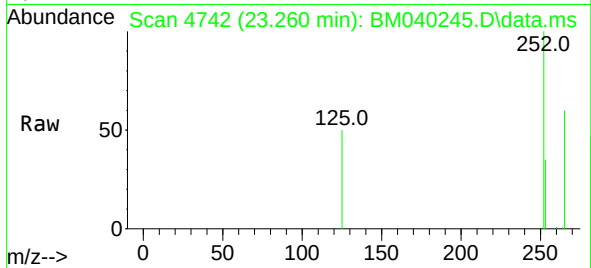
Tgt Ion:252 Resp: 52462
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.4
125 40.5 0.0 38.4#





#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 23.260 min Scan# 4744
Delta R.T. -0.006 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

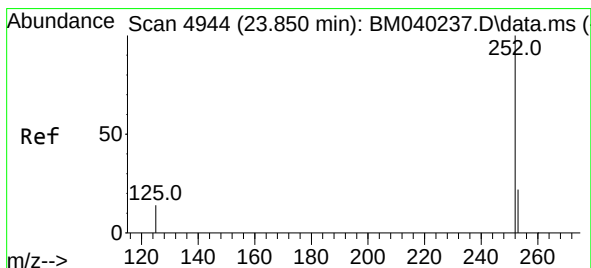
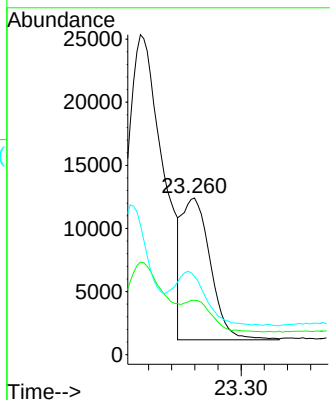
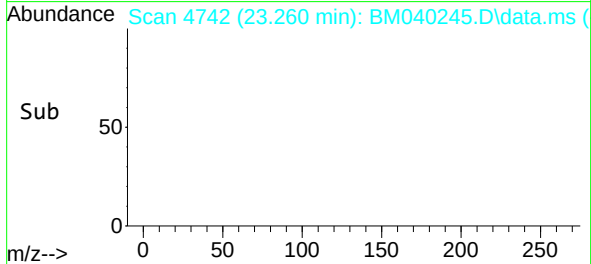
Instrument :
BNA_M
ClientSampleId :
DCFR3



Tgt Ion:252 Resp: 19340
Ion Ratio Lower Upper
252 100
253 34.7 21.5 32.3#
125 49.9 14.7 22.1#

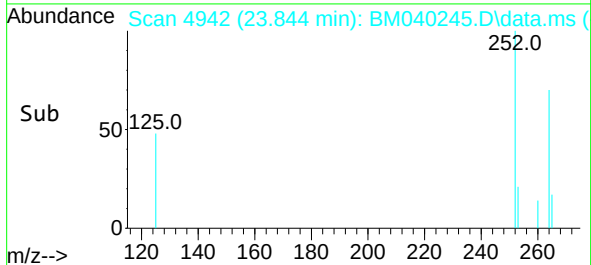
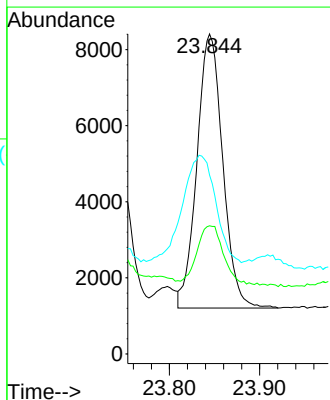
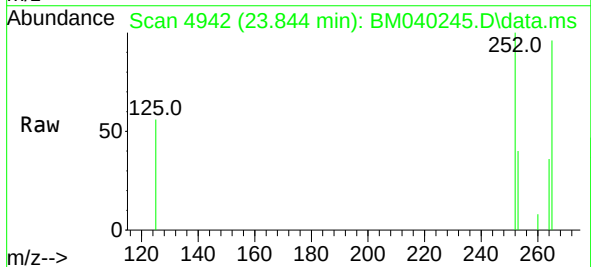
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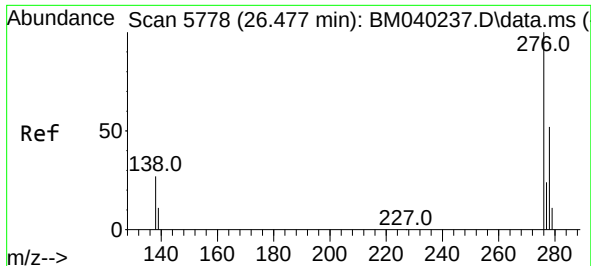
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

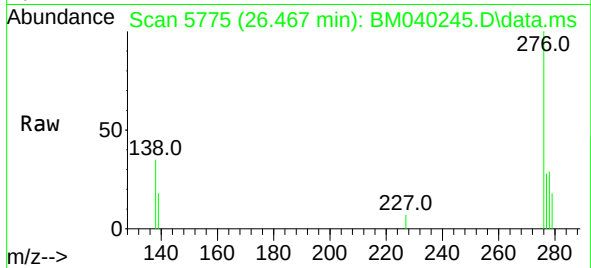
Tgt Ion:252 Resp: 14306
Ion Ratio Lower Upper
252 100
253 40.0 23.4 35.0#
125 55.9 19.7 29.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.467 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04

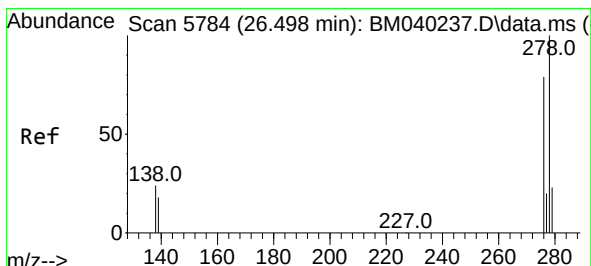
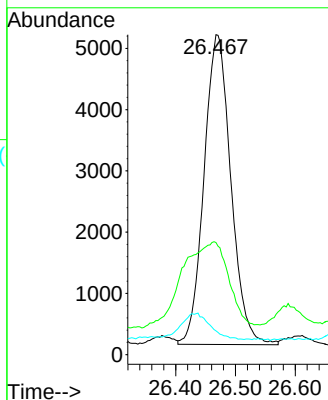
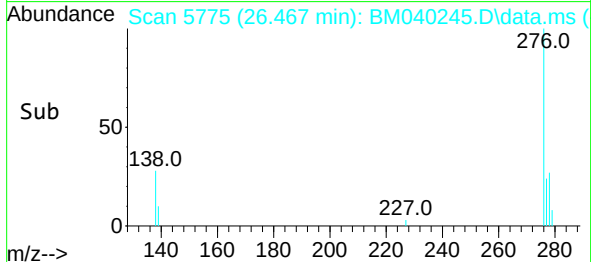
Instrument :
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ClientSampleId :
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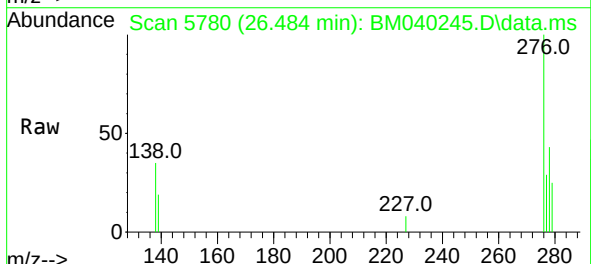
Tgt Ion:276 Resp: 15800
Ion Ratio Lower Upper
276 100
138 48.4 23.3 34.9#
227 0.0 0.1 0.1#

Manual Integrations
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Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.484 min Scan# 5780
Delta R.T. -0.013 min
Lab File: BM040245.D
Acq: 14 Jun 2023 20:04



Tgt Ion:278 Resp: 5903
Ion Ratio Lower Upper
278 100
139 44.9 16.4 24.6#
279 57.3 21.8 32.8#

