

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040270.D
 Acq On : 15 Jun 2023 21:45
 Operator : MA/JU
 Sample : 03088-13DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR9DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 23:44:21 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	7.970	152	9815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	34779	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	16185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	27824	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	17466	0.400	ng/ul	0.00
23) Perylene-d12	23.951	264	18907	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	5429	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	1124	0.025	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	1397	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.832	128	11730	0.142	ng/ul	97
7) 2-Methylnaphthalene	12.443	142	2679	0.052	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	1241	0.023	ng/ul	97
10) Acenaphthylene	14.331	152	10747	0.190	ng/ul	98
11) Acenaphthene	14.668	153	1700	0.035	ng/ul	96
12) Fluorene	15.654	166	2480	0.046	ng/ul#	92
15) Phenanthrene	17.394	178	42340	0.579	ng/ul	99
16) Anthracene	17.483	178	9163	0.148	ng/ul	95
19) Fluoranthene	19.406	202	86723	1.458	ng/ul	99
20) Pyrene	19.769	202	23661	0.383	ng/ul	99
21) Benzo(a)anthracene	21.510	228	39144	0.759	ng/ul	97
22) Chrysene	21.563	228	36913	0.678	ng/ul	97
24) Benzo(b)fluoranthene	23.209	252	60668	0.870	ng/ul	98
25) Benzo(k)fluoranthene	23.255	252	24873m	0.379	ng/ul	
26) Benzo(a)pyrene	23.840	252	6775	0.118	ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	26.463	276	10702	0.148	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.479	278	8446	0.145	ng/ul#	77

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

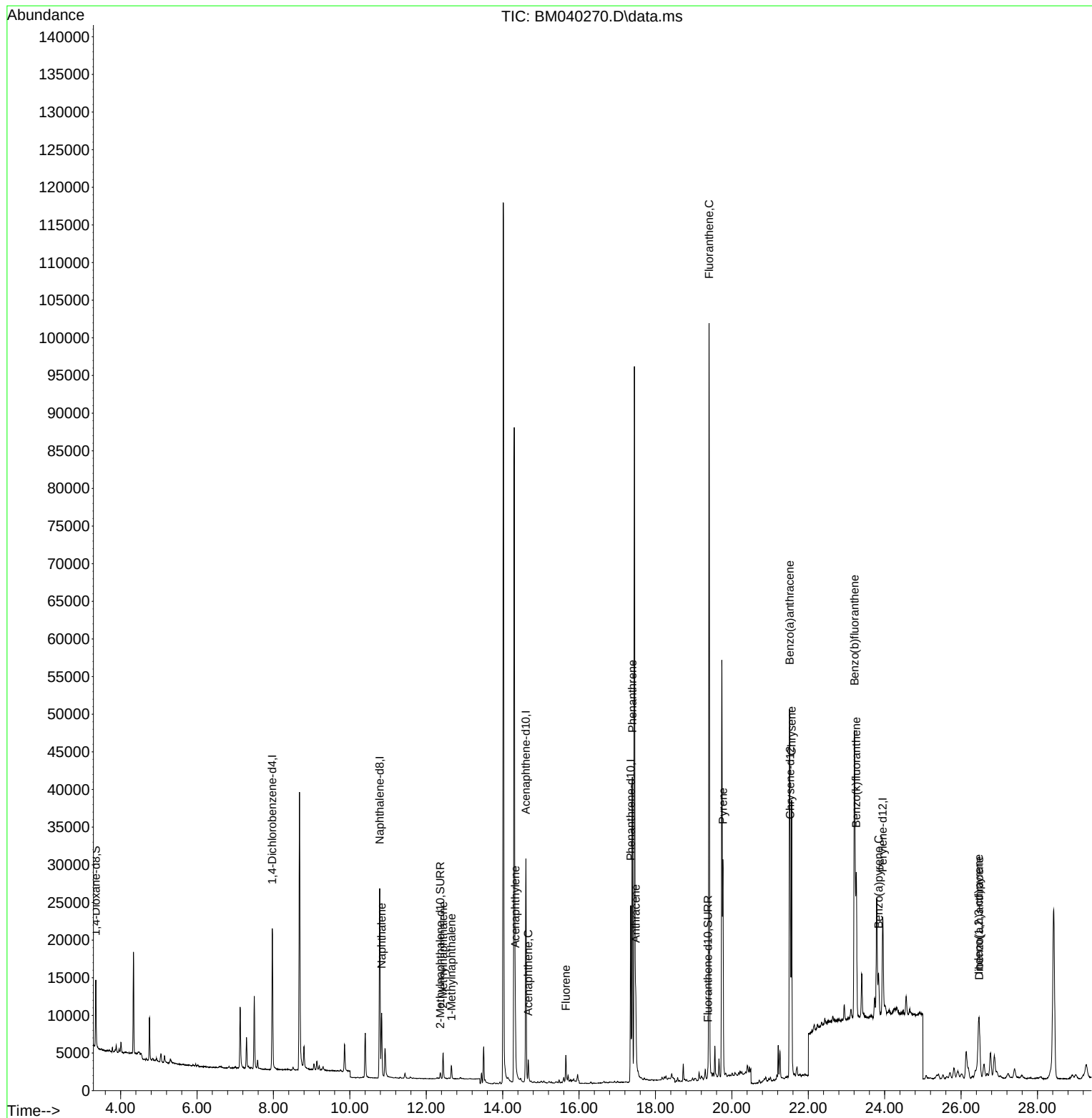
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040270.D
Acq On : 15 Jun 2023 21:45
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ALS Vial : 18 Sample Multiplier: 1

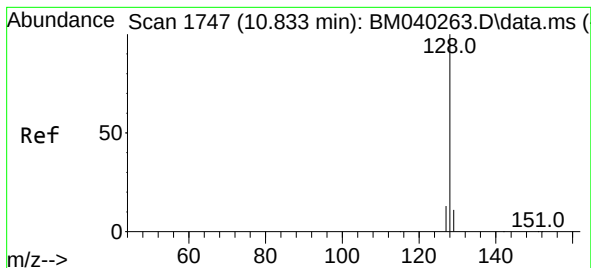
Instrument :
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Quant Time: Jun 15 23:44:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
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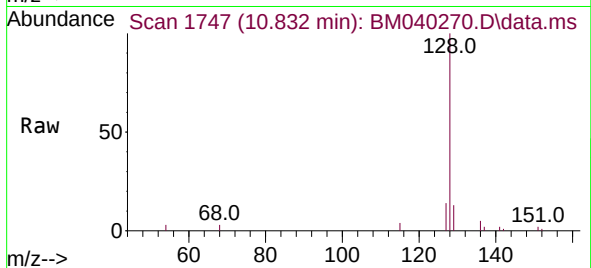
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023





#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.832 min Scan# 11730
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

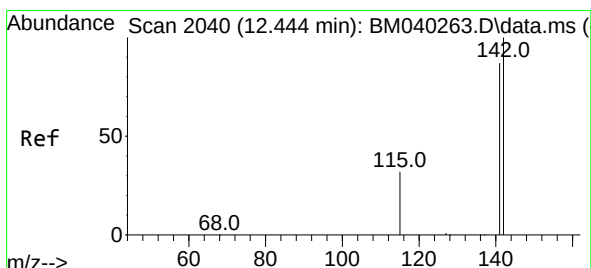
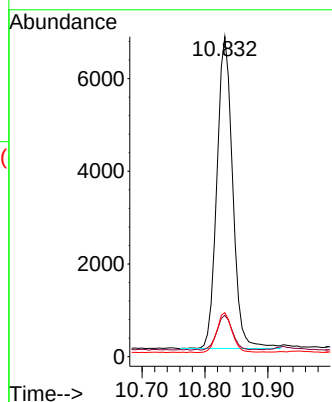
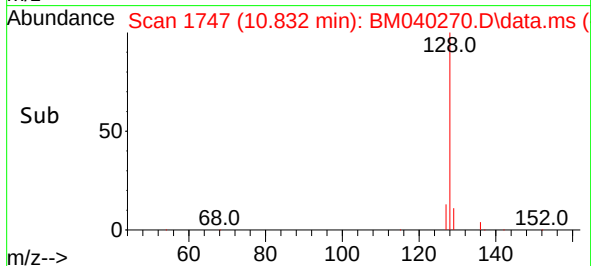
Instrument :
BNA_M
ClientSampleId :
DCFR9DL



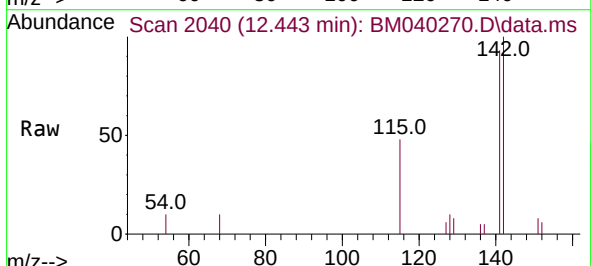
Tgt Ion:128 Resp: 11730
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 13.7 10.4 15.6

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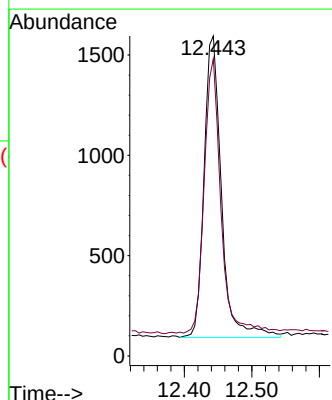
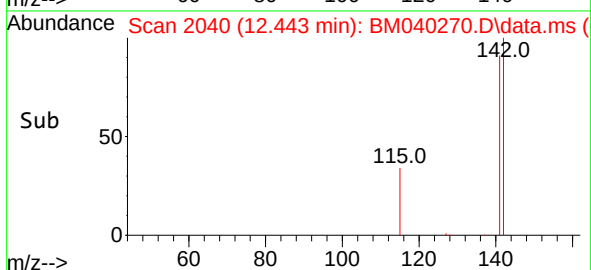
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

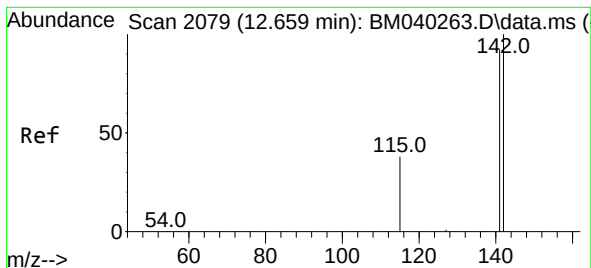


#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.443 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45



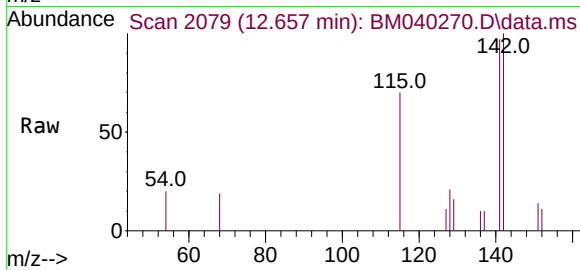
Tgt Ion:142 Resp: 2679
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

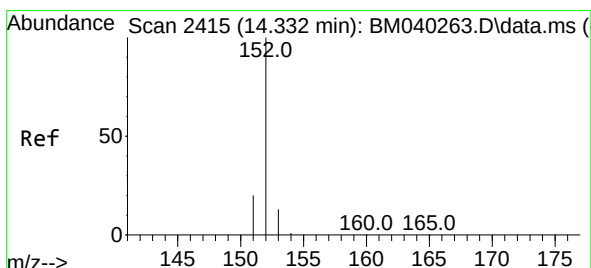
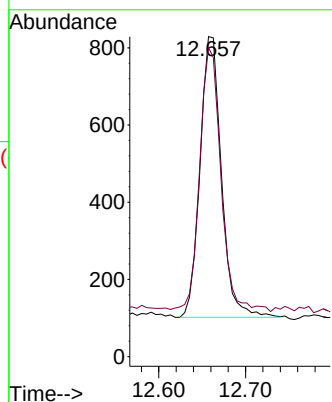
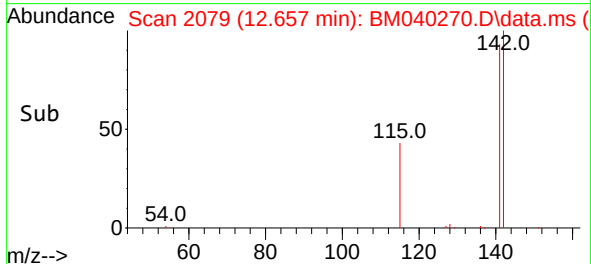
Instrument :
BNA_M
ClientSampleId :
DCFR9DL



Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
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141 93.8 73.0 109.4

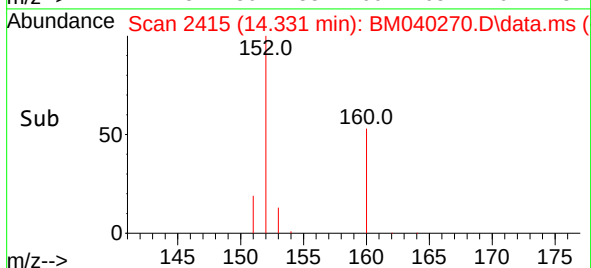
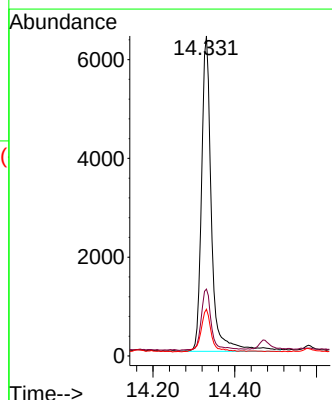
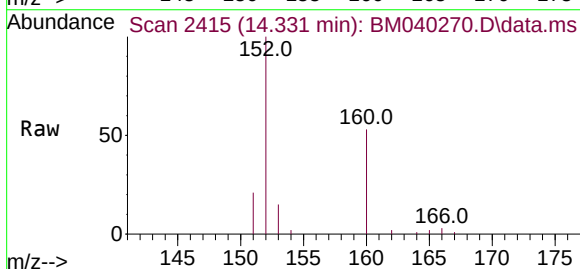
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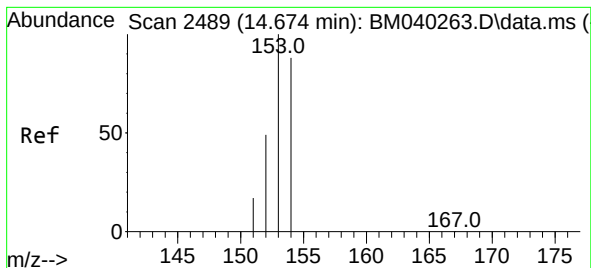
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Acenaphthylene
Concen: 0.190 ng/ul
RT: 14.331 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:152 Resp: 10747
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.6 10.7 16.1





#11

Acenaphthene

Concen: 0.035 ng/u1

RT: 14.668 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BM040270.D

Acq: 15 Jun 2023 21:45

Instrument :

BNA_M

ClientSampleId :

DCFR9DL

Tgt Ion:153 Resp: 1700

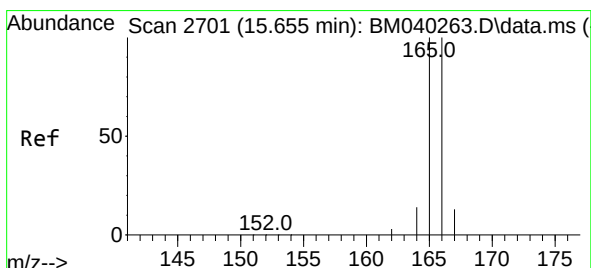
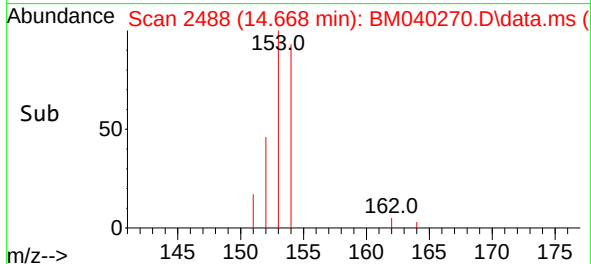
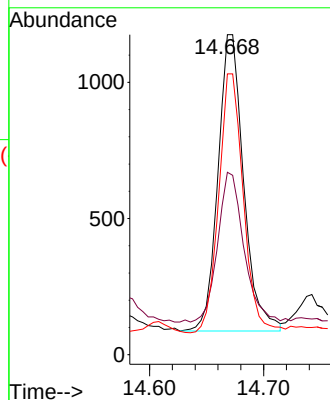
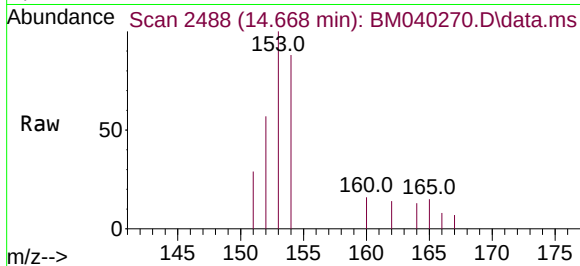
Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.3	60.5
154	87.7	70.5	105.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#12

Fluorene

Concen: 0.046 ng/u1

RT: 15.654 min Scan# 2701

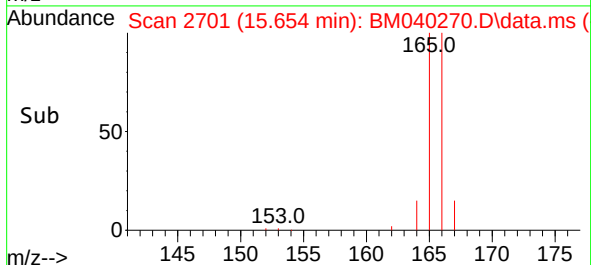
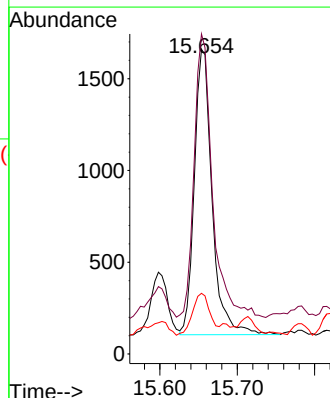
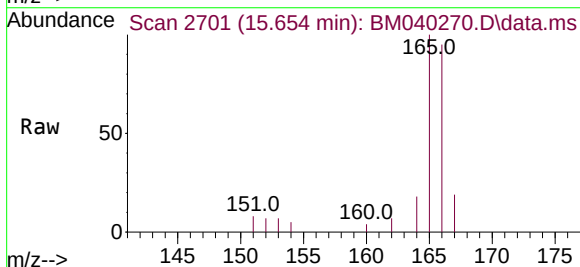
Delta R.T. -0.006 min

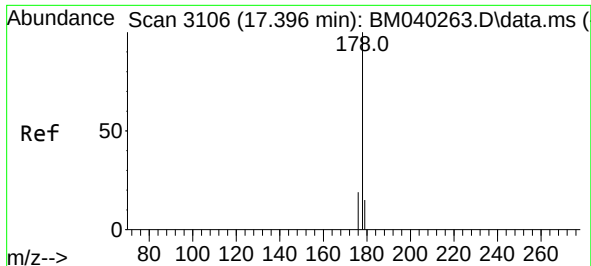
Lab File: BM040270.D

Acq: 15 Jun 2023 21:45

Tgt Ion:166 Resp: 2480

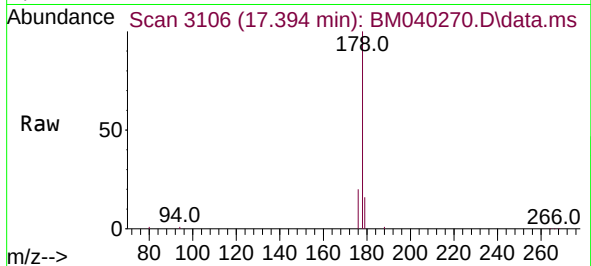
Ion	Ratio	Lower	Upper
166	100		
165	105.0	78.2	117.4
167	19.9	11.0	16.4





#15
Phenanthrene
Concen: 0.579 ng/u1
RT: 17.394 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

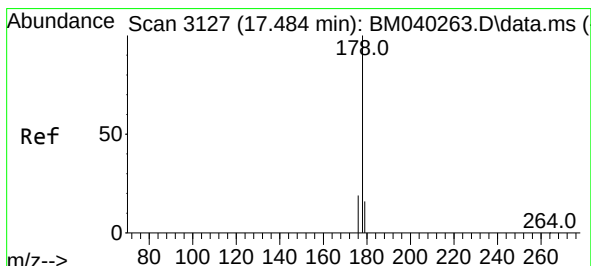
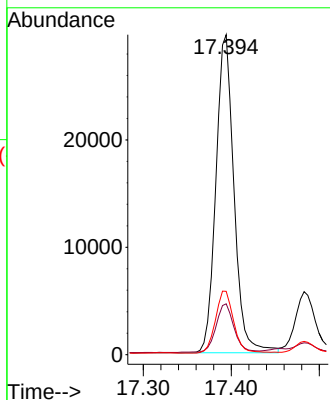
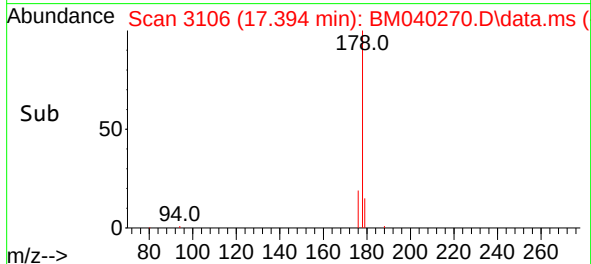
Instrument :
BNA_M
ClientSampleId :
DCFR9DL



Tgt Ion:178 Resp: 42340
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.8 16.1 24.1

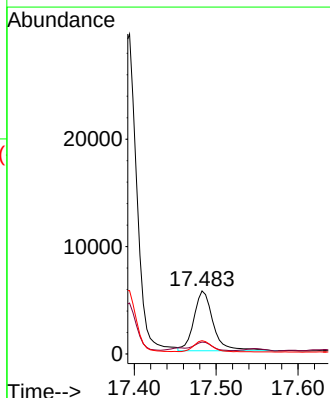
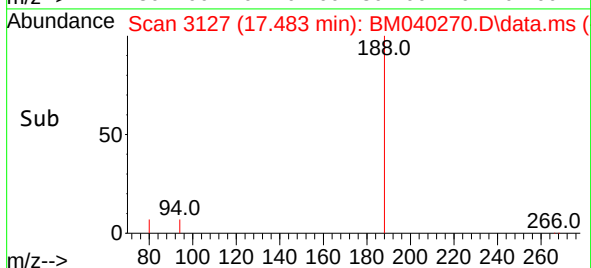
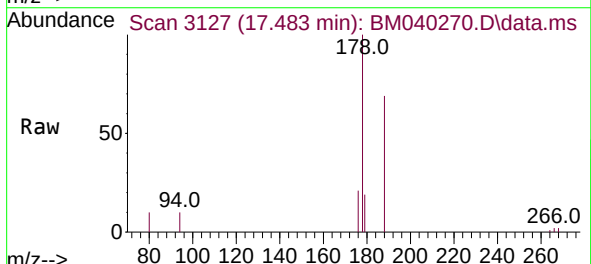
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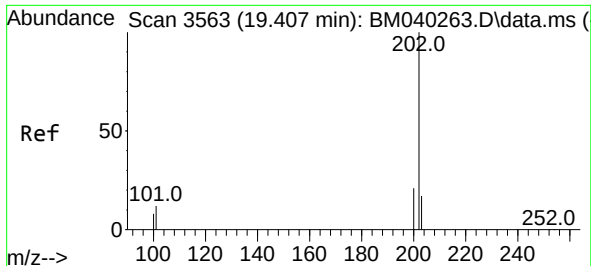
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#16
Anthracene
Concen: 0.148 ng/u1
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

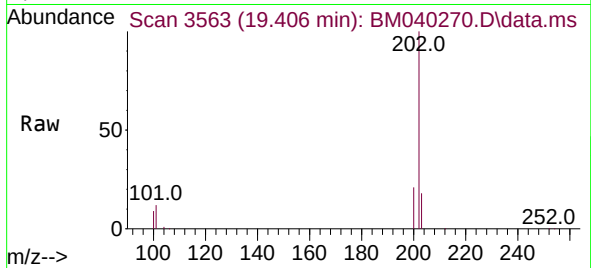
Tgt Ion:178 Resp: 9163
Ion Ratio Lower Upper
178 100
179 18.8 13.0 19.4
176 21.2 15.5 23.3





#19
Fluoranthene
Concen: 1.458 ng/u1
RT: 19.406 min Scan# 3563
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

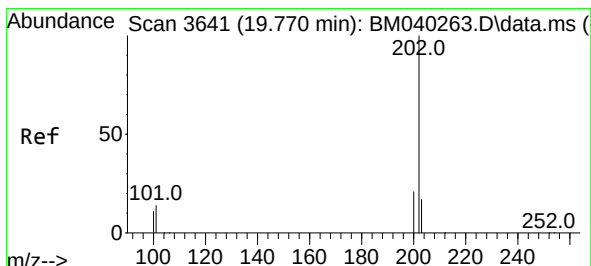
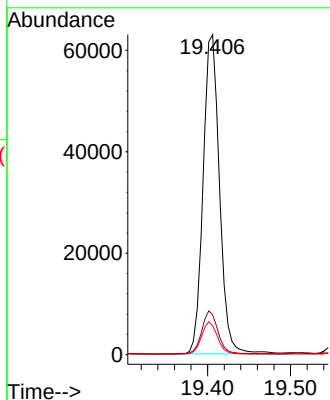
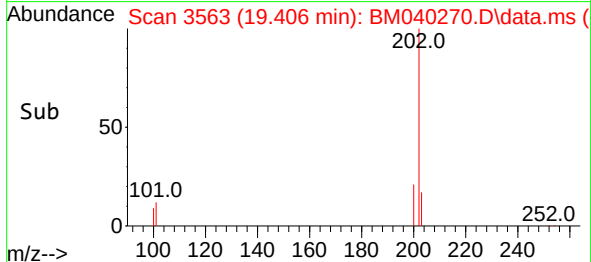
Instrument :
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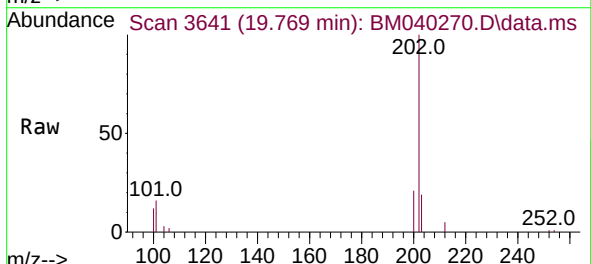
Tgt Ion:202 Resp: 8672
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 9.1 7.6 11.4

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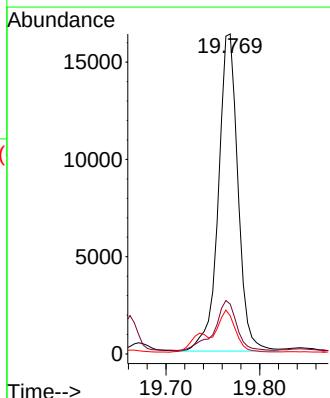
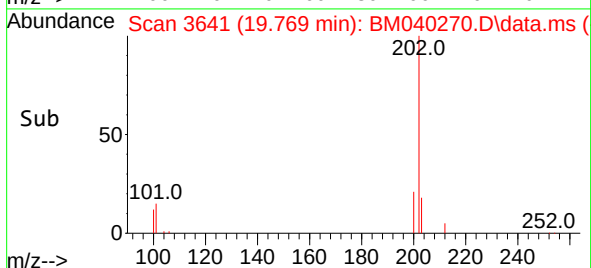
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

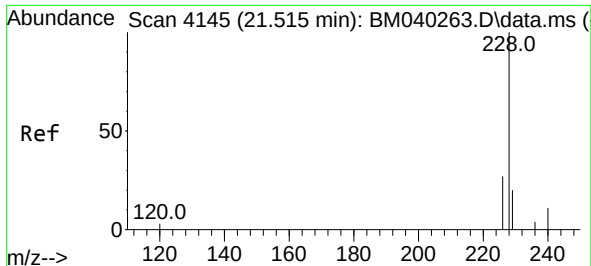


#20
Pyrene
Concen: 0.383 ng/u1
RT: 19.769 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45



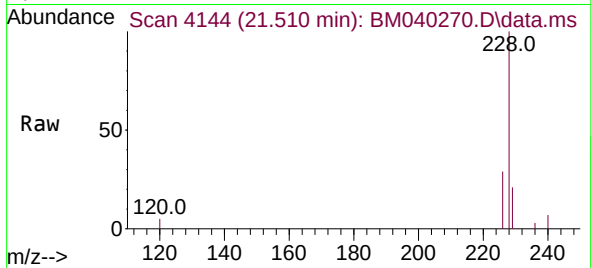
Tgt Ion:202 Resp: 23661
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.0 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.759 ng/ul
RT: 21.510 min Scan# 4145
Delta R.T. -0.004 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

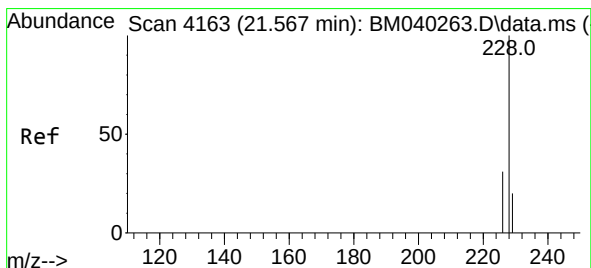
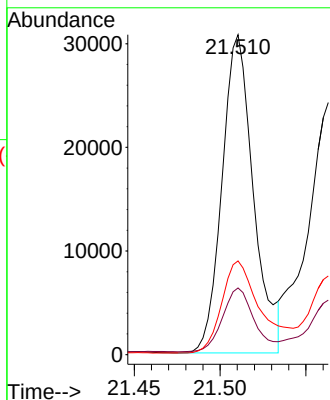
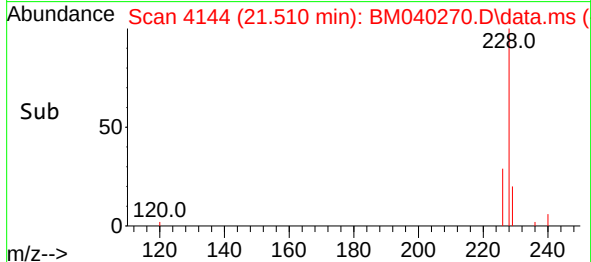
Instrument :
BNA_M
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DCFR9DL



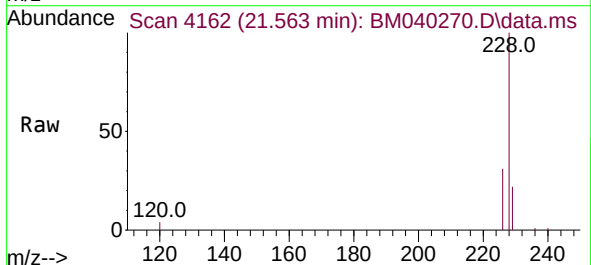
Tgt Ion:228 Resp: 39144
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 29.3 22.0 33.0

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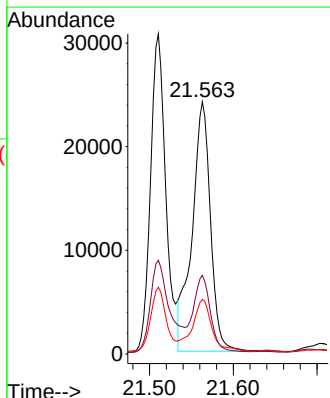
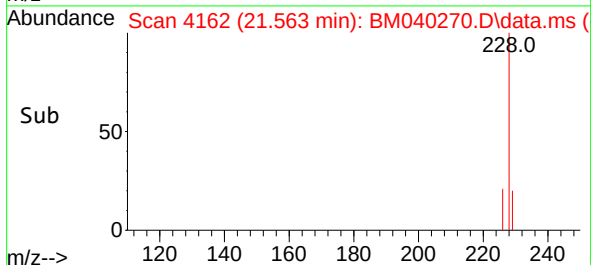
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

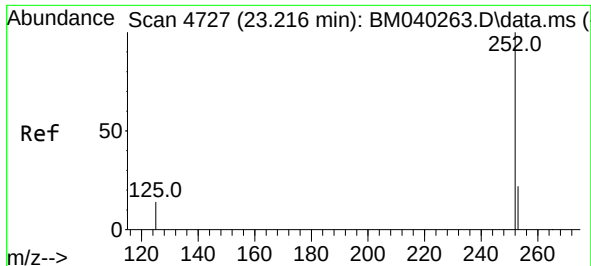


#22
Chrysene
Concen: 0.678 ng/ul
RT: 21.563 min Scan# 4162
Delta R.T. -0.007 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45



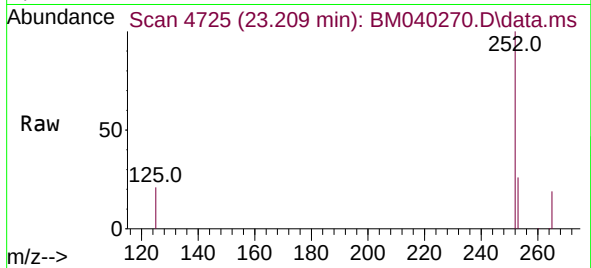
Tgt Ion:228 Resp: 36913
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.870 ng/ul
RT: 23.209 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

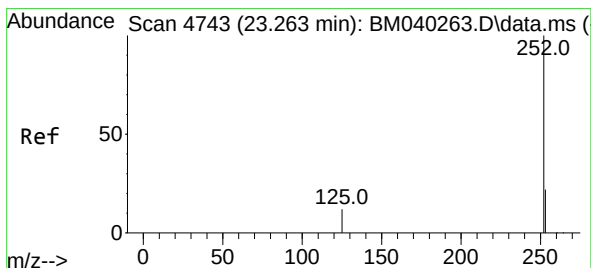
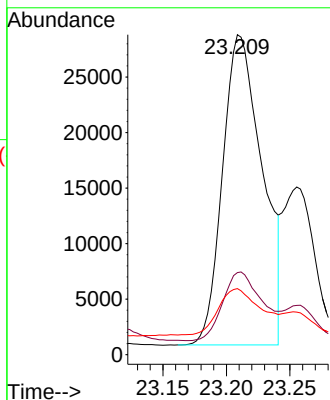
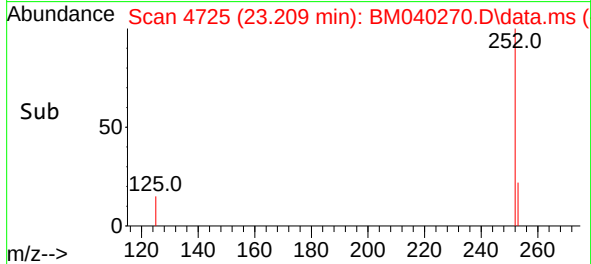
Instrument :
BNA_M
ClientSampleId :
DCFR9DL



Tgt Ion:252 Resp: 6066
Ion Ratio Lower Upper
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253 25.7 0.0 52.4
125 20.6 0.0 38.4

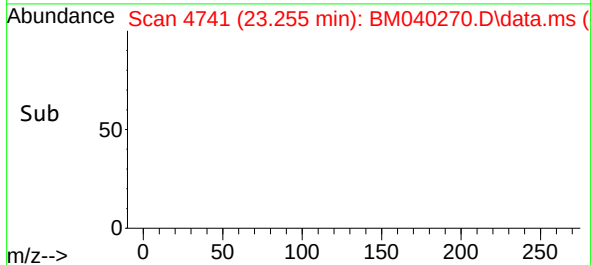
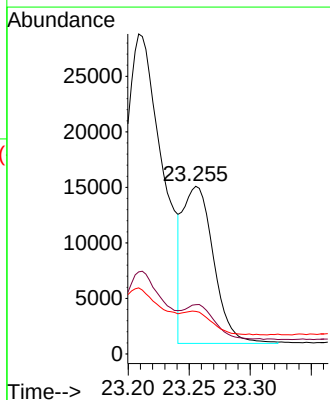
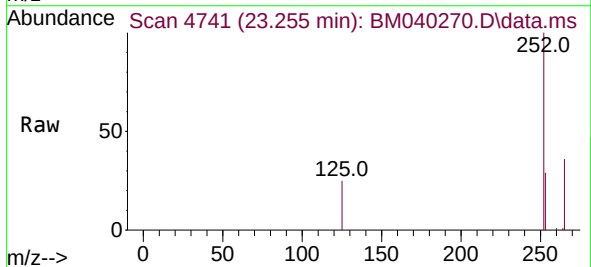
Manual Integrations
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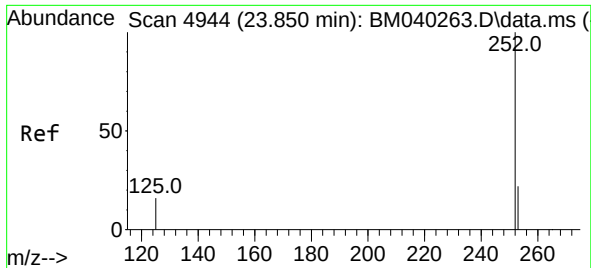
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul m
RT: 23.255 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

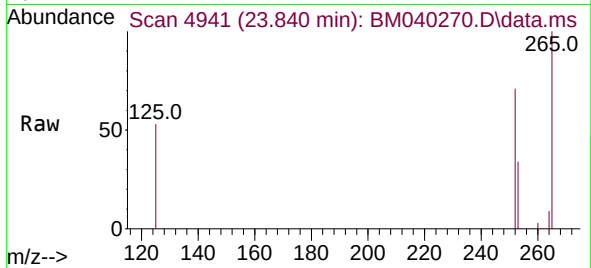
Tgt Ion:252 Resp: 24873
Ion Ratio Lower Upper
252 100
253 29.4 21.5 32.3
125 25.4 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.840 min Scan# 4944
Delta R.T. -0.010 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

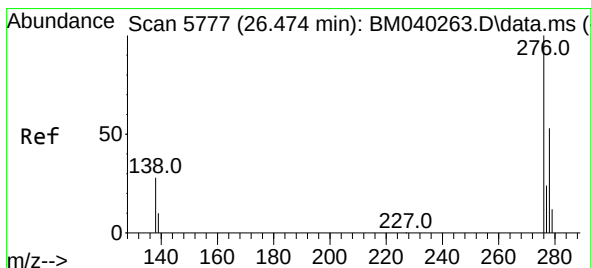
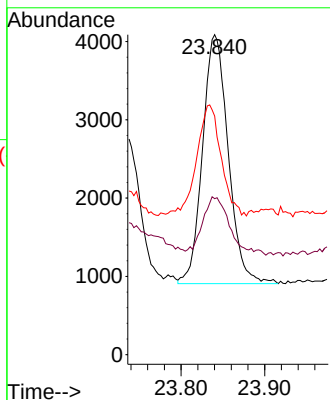
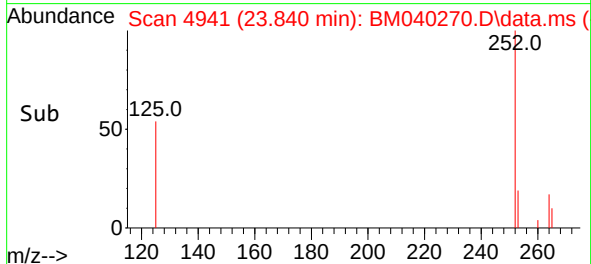
Instrument :
BNA_M
ClientSampleId :
DCFR9DL



Tgt Ion:252 Resp: 6775
Ion Ratio Lower Upper
252 100
253 48.7 23.4 35.0#
125 74.6 19.7 29.5#

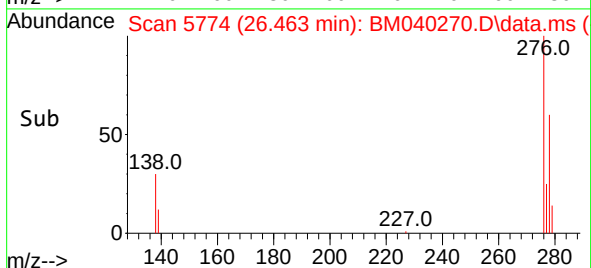
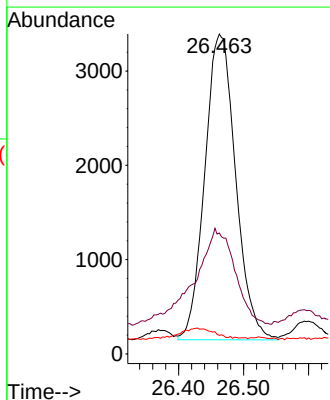
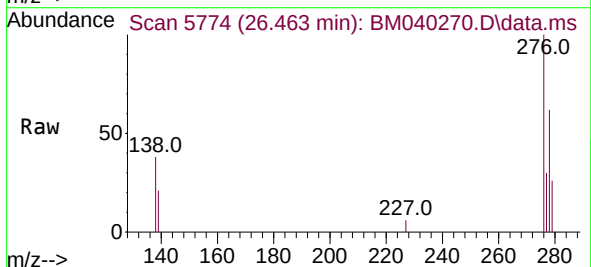
Manual Integrations
APPROVED

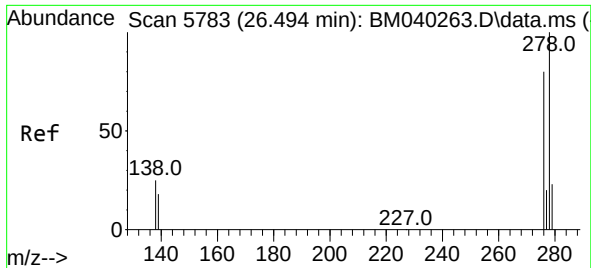
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 26.463 min Scan# 5774
Delta R.T. -0.015 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

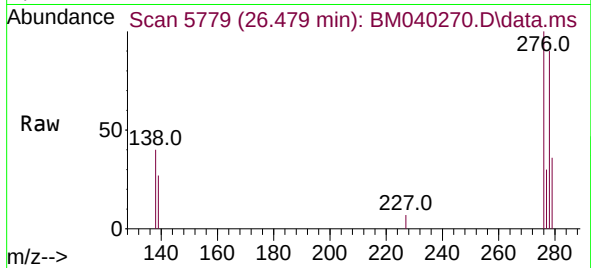
Tgt Ion:276 Resp: 10702
Ion Ratio Lower Upper
276 100
138 42.3 23.3 34.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.145 ng/ul
 RT: 26.479 min Scan# 51
 Delta R.T. -0.018 min
 Lab File: BM040270.D
 Acq: 15 Jun 2023 21:45

Instrument :
 BNA_M
 ClientSampleId :
 DCFR9DL



Tgt Ion:278 Resp: 8440
 Ion Ratio Lower Upper
 278 100
 139 29.8 16.4 24.6
 279 40.3 21.8 32.8

Manual Integrations
 APPROVED

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

