

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040948.D
 Acq On : 18 Jul 2023 10:19
 Operator : MA/JU
 Sample : 03458-24DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 22:26:09 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4863	0.400	ng/ul	0.00
4) Naphthalene-d8	10.653	136	16125	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.500	164	6861	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	11767	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	7064	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	7630	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4748	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	807	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	974	0.043	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.702	128	7547	0.170	ng/ul	98
7) 2-Methylnaphthalene	12.324	142	1616	0.062	ng/ul	99
8) 1-Methylnaphthalene	12.539	142	1174	0.045	ng/ul	98
10) Acenaphthylene	14.217	152	1403	0.046	ng/ul#	78
11) Acenaphthene	14.560	153	2481	0.096	ng/ul	96
12) Fluorene	15.550	166	2804	0.101	ng/ul#	98
15) Phenanthrene	17.291	178	35167	0.962	ng/ul	99
16) Anthracene	17.384	178	6177	0.201	ng/ul#	95
19) Fluoranthene	19.315	202	43610	1.453	ng/ul	95
20) Pyrene	19.678	202	18405	0.572	ng/ul	98
21) Benzo(a)anthracene	21.428	228	15041	0.629	ng/ul	98
22) Chrysene	21.480	228	15024	0.551	ng/ul	97
24) Benzo(b)fluoranthene	23.097	252	18537	0.628	ng/ul	99
25) Benzo(k)fluoranthene	23.140	252	6987m	0.240	ng/ul	
26) Benzo(a)pyrene	23.716	252	2770	0.104	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.270	276	3715	0.100	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.284	278	2250	0.078	ng/ul#	60

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

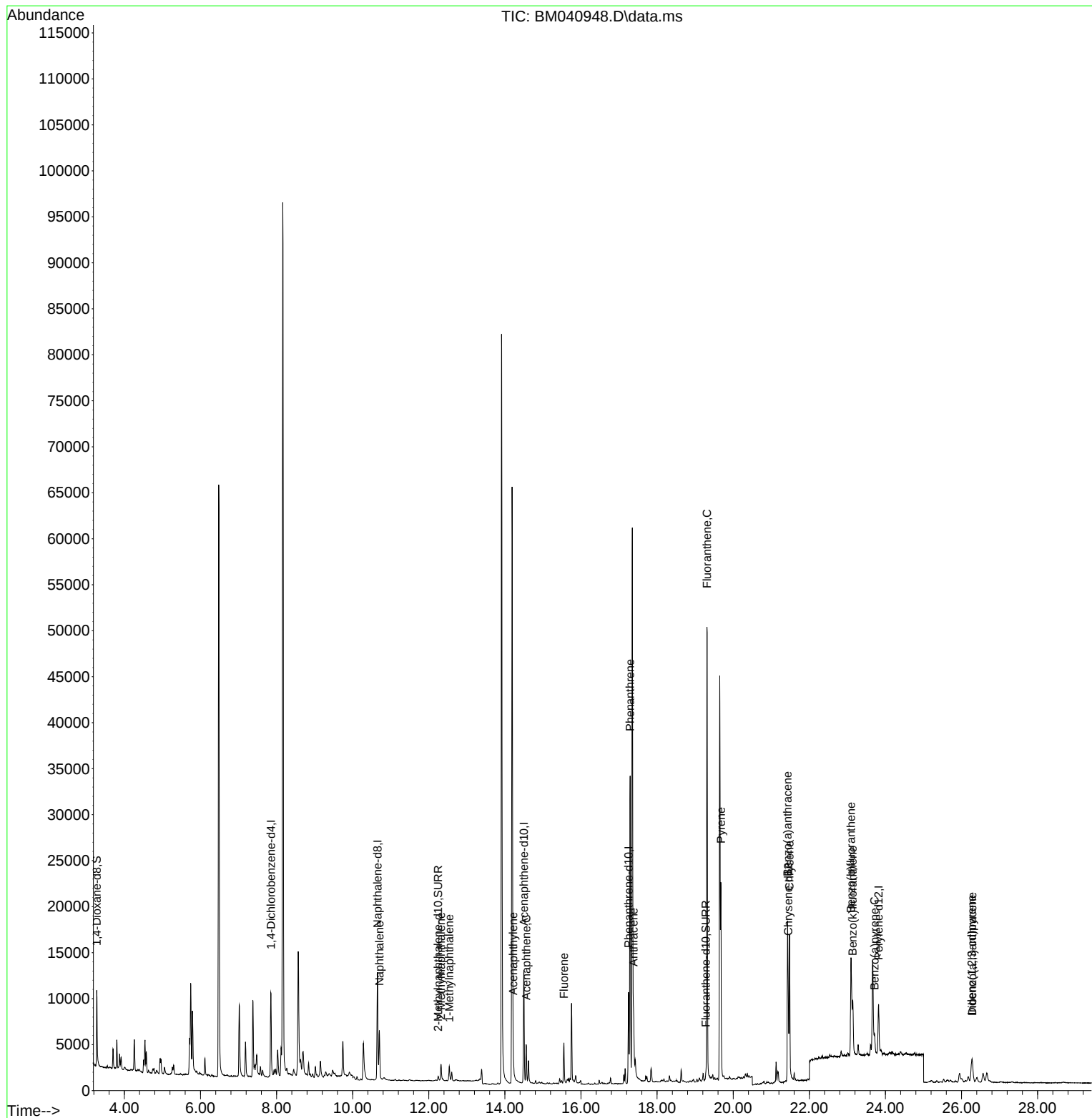
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040948.D
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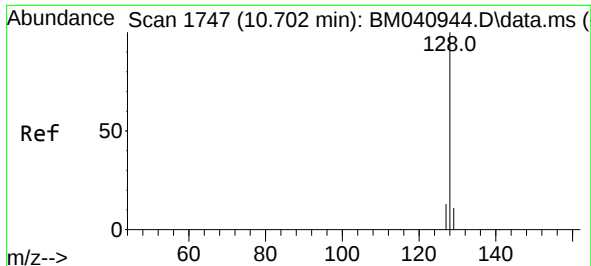
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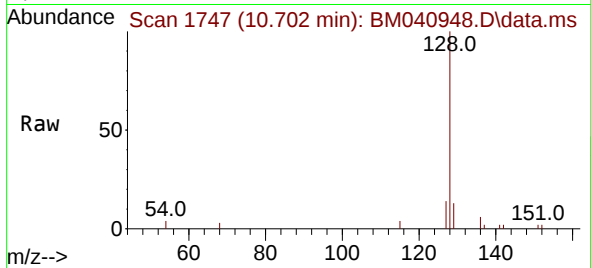
Quant Time: Jul 18 22:26:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.170 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

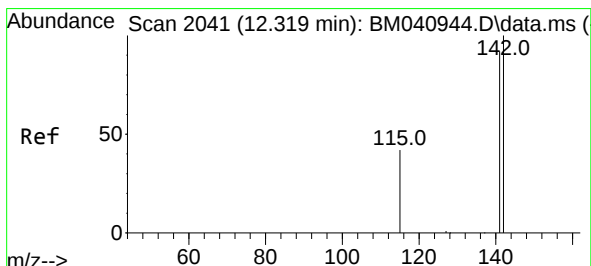
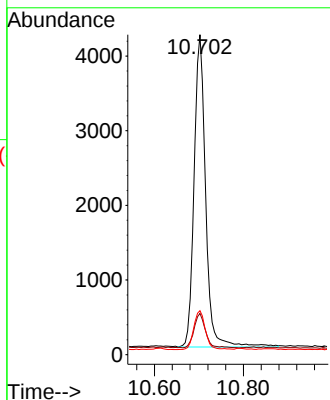
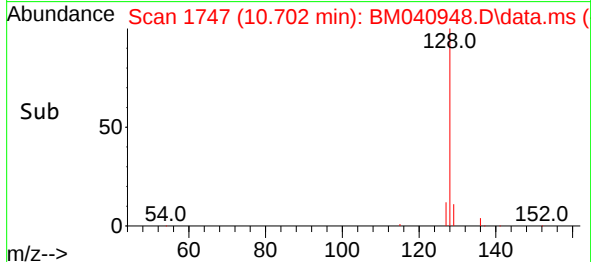
Instrument :
BNA_M
ClientSampleId :
A46L4DL



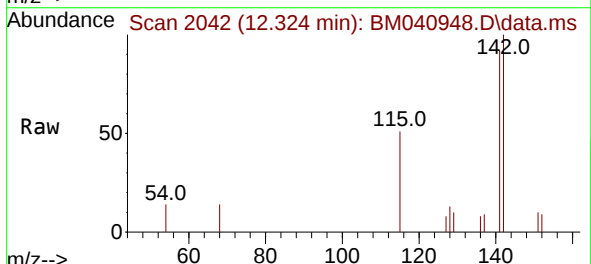
Tgt Ion:128 Resp: 754
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.8 10.6 15.8

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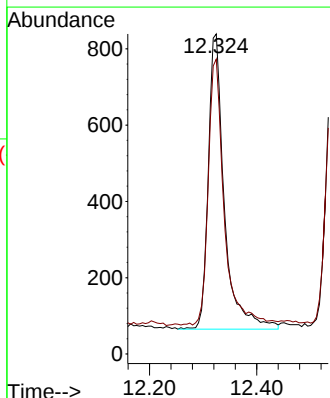
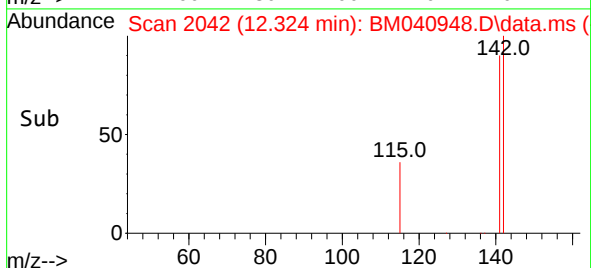
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

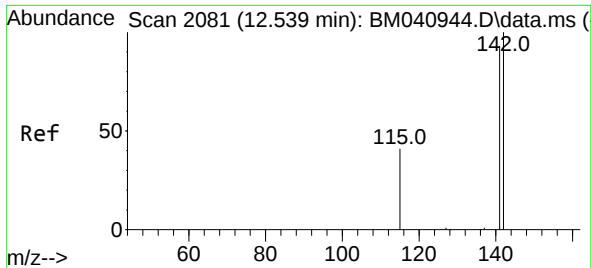


#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. 0.005 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19



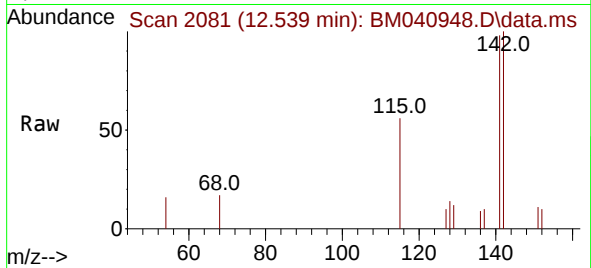
Tgt Ion:142 Resp: 1616
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

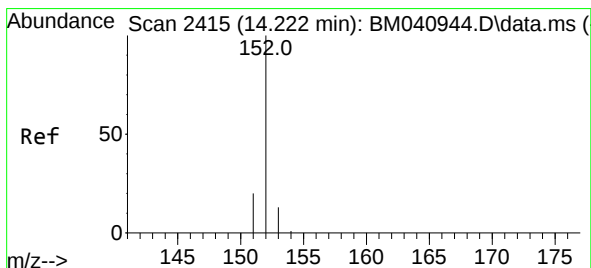
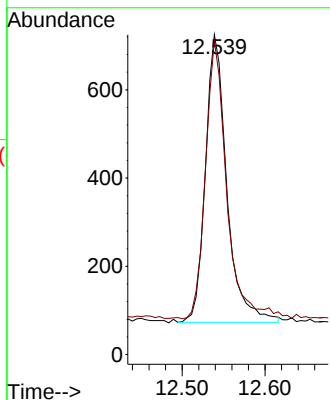
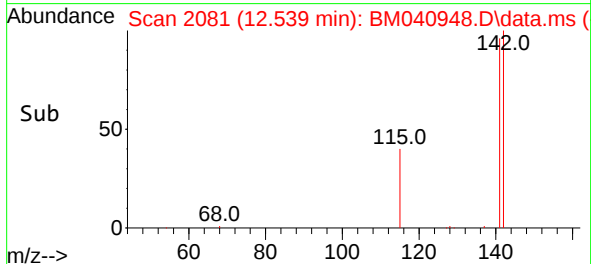
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Tgt Ion:142 Resp: 1174
Ion Ratio Lower Upper
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141 94.1 73.7 110.5

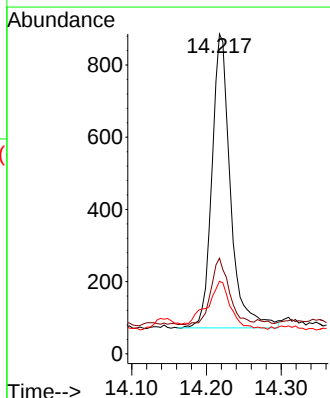
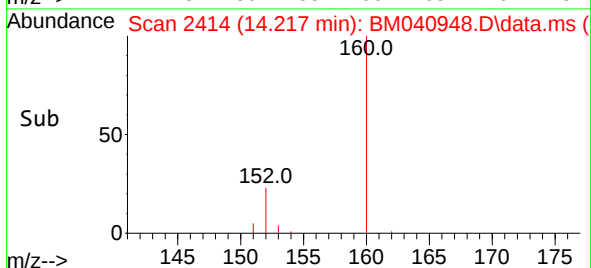
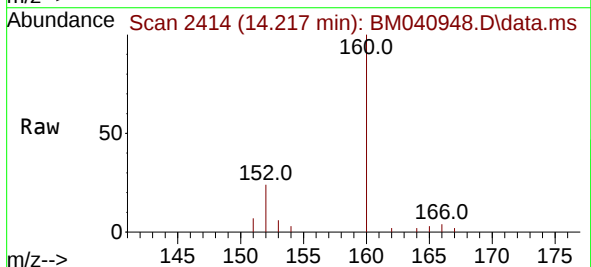
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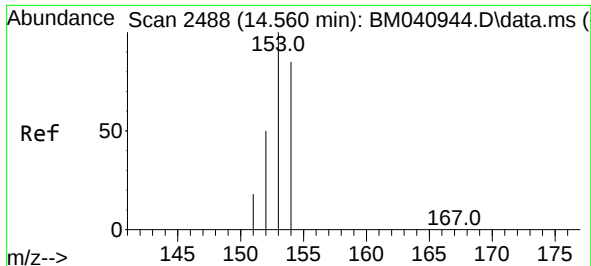
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

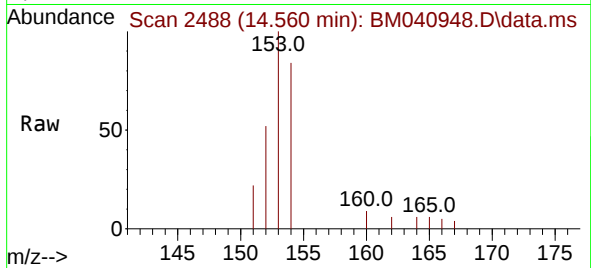
Tgt Ion:152 Resp: 1403
Ion Ratio Lower Upper
152 100
151 29.9 16.2 24.2#
153 22.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.096 ng/uI
RT: 14.560 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

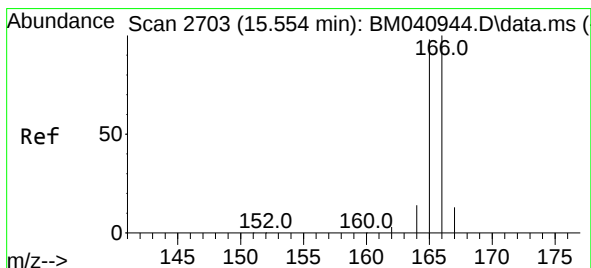
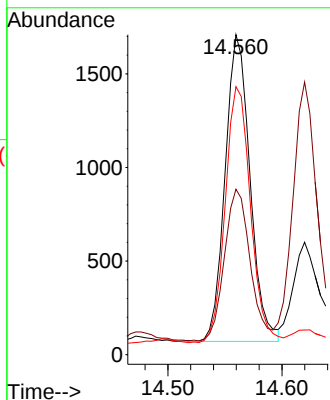
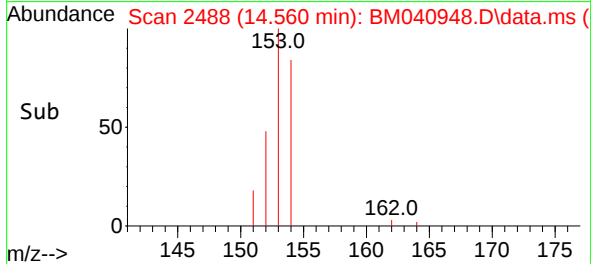
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 2488
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.4
154 83.7 70.8 106.2

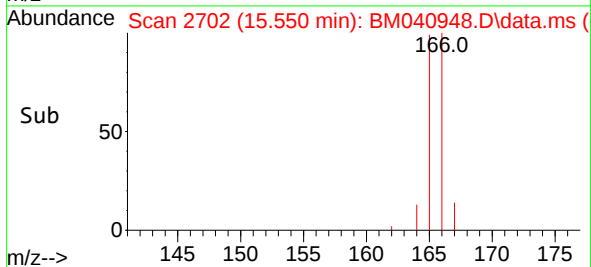
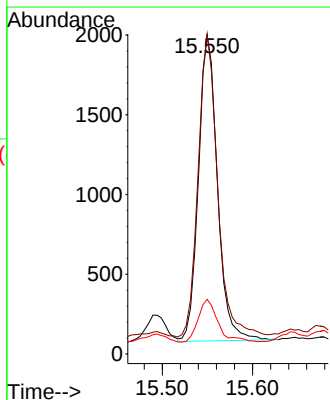
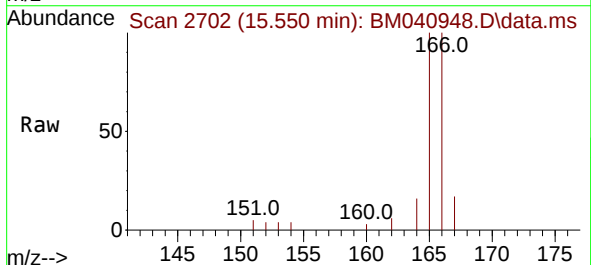
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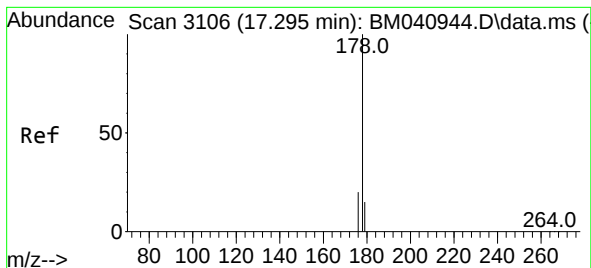
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.101 ng/uI
RT: 15.550 min Scan# 2702
Delta R.T. -0.005 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

Tgt Ion:166 Resp: 2804
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 17.1 11.4 17.0#





#15

Phenanthrene

Concen: 0.962 ng/ul

RT: 17.291 min Scan# 3106

Delta R.T. -0.004 min

Lab File: BM040948.D

Acq: 18 Jul 2023 10:19

Instrument :

BNA_M

ClientSampleId :

A46L4DL

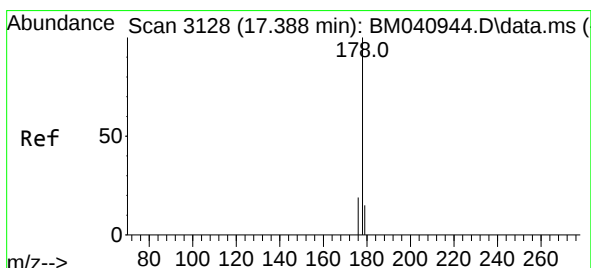
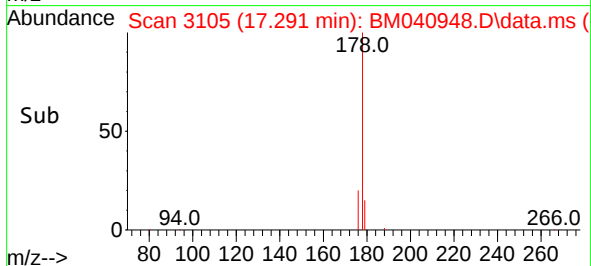
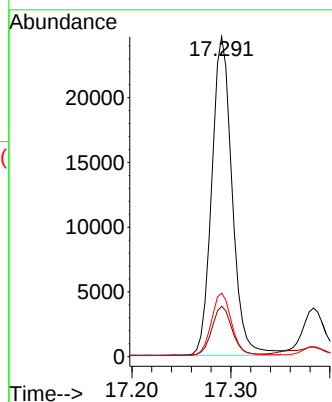
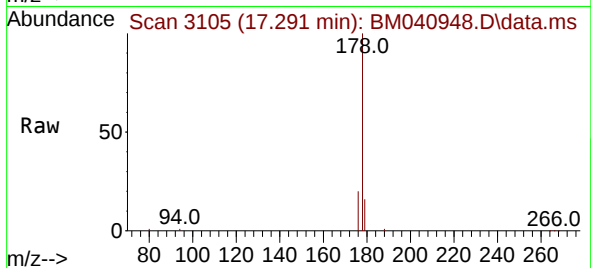
Tgt Ion:178	Resp:	3516
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.8 19.2
176	19.8	16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#16

Anthracene

Concen: 0.201 ng/ul

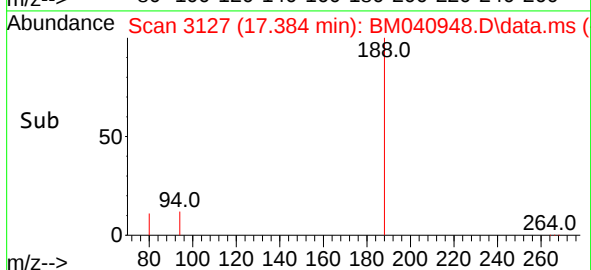
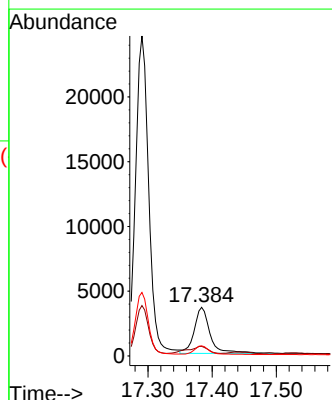
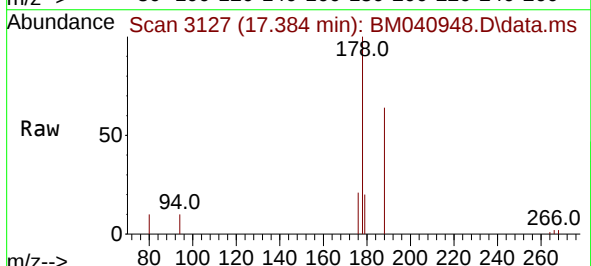
RT: 17.384 min Scan# 3127

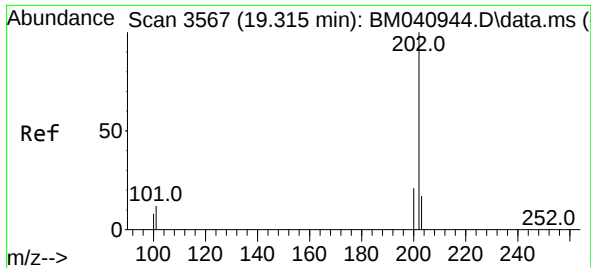
Delta R.T. -0.004 min

Lab File: BM040948.D

Acq: 18 Jul 2023 10:19

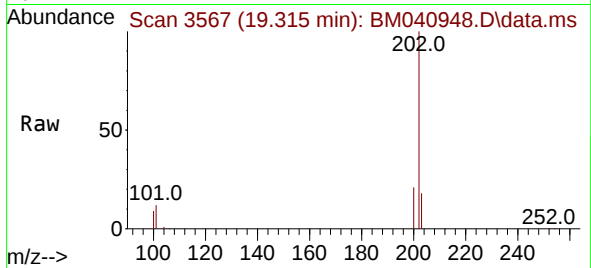
Tgt Ion:178	Resp:	6177
Ion Ratio	Lower	Upper
178	100	
179	19.6	12.9 19.3#
176	20.7	15.8 23.6





#19
Fluoranthene
Concen: 1.453 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

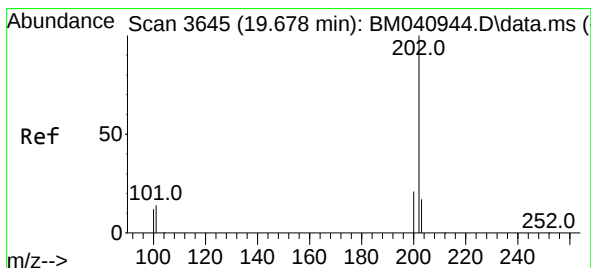
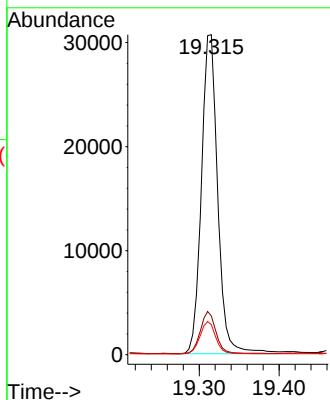
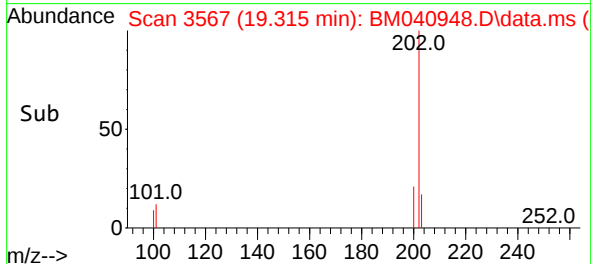
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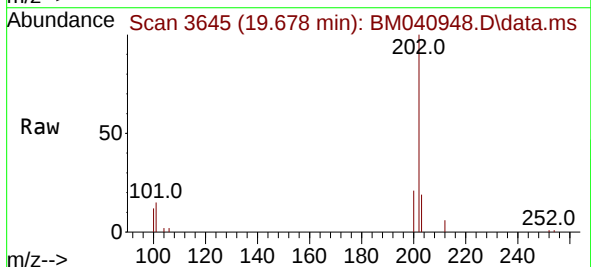
Tgt Ion:202 Resp: 43610
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.4 8.7 13.1

Manual Integrations
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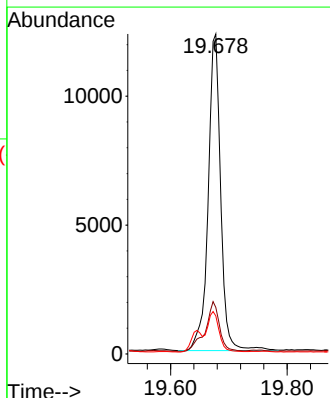
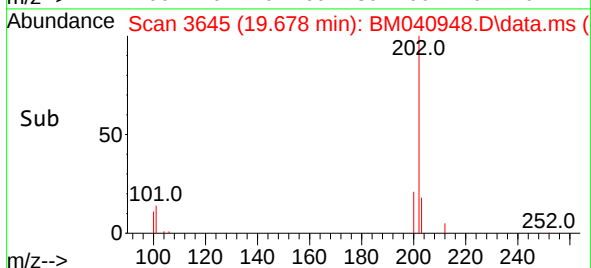
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

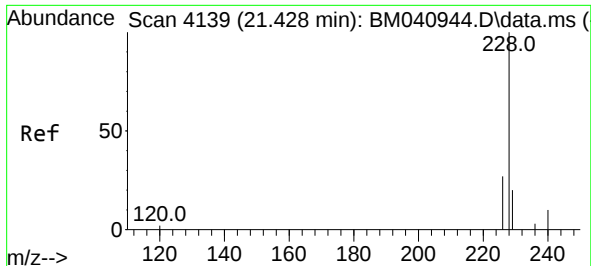


#20
Pyrene
Concen: 0.572 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19



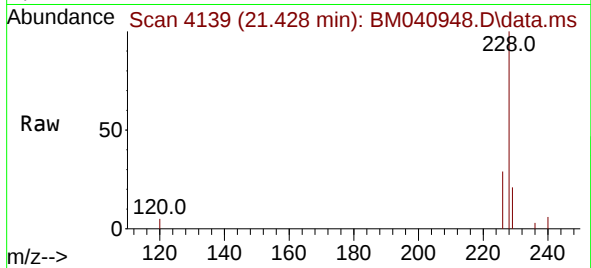
Tgt Ion:202 Resp: 18405
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.629 ng/ul
RT: 21.428 min Scan# 4139
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

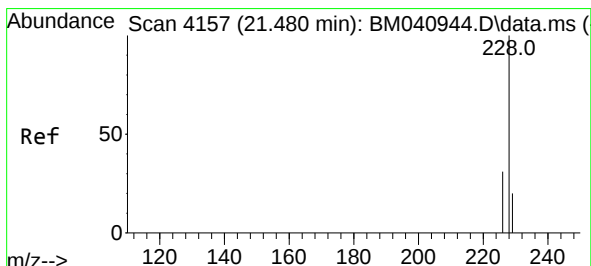
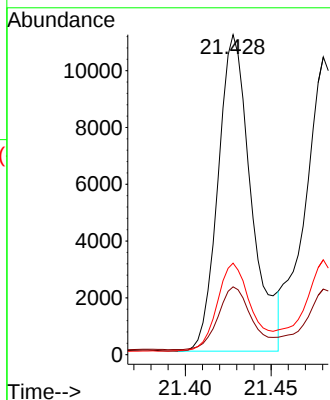
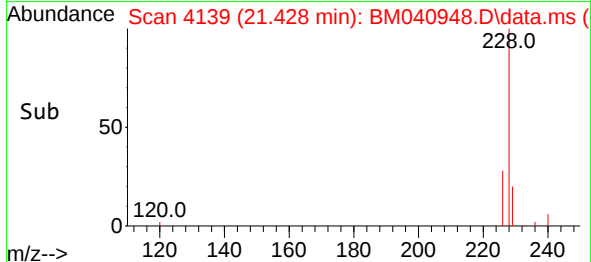
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Tgt Ion:228 Resp: 1504
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.6 22.3 33.5

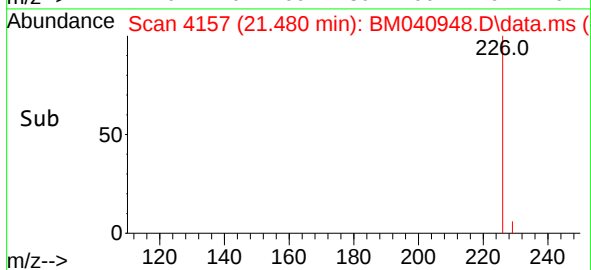
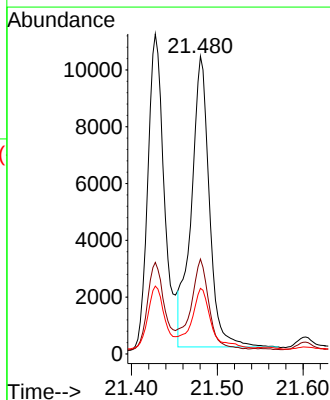
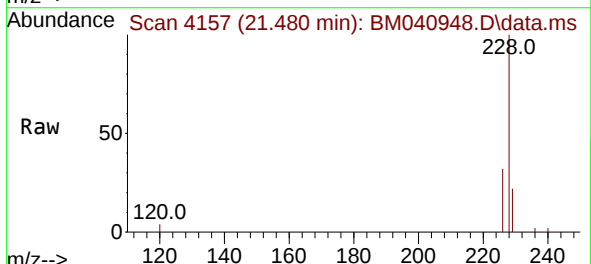
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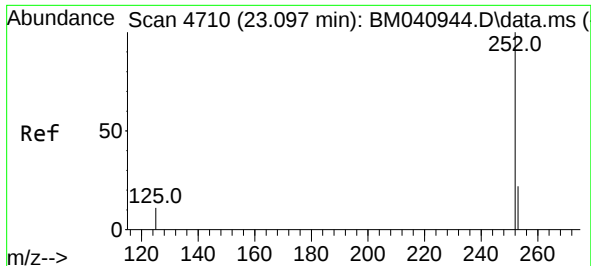
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 0.551 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

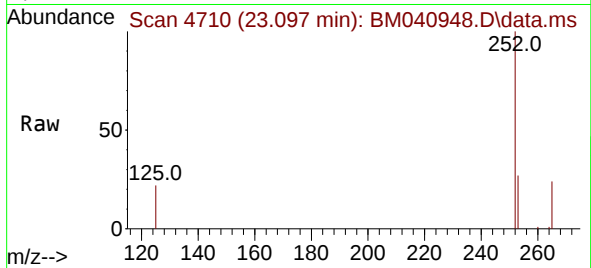
Tgt Ion:228 Resp: 15024
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.628 ng/ul
RT: 23.097 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

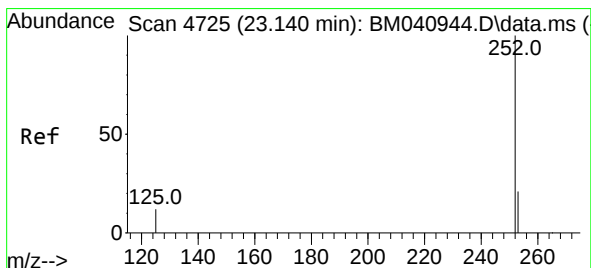
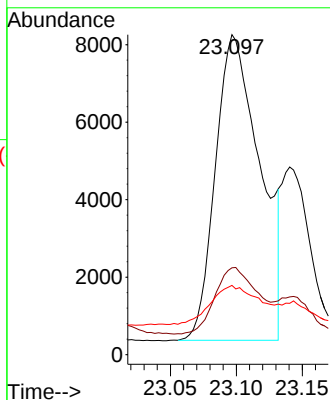
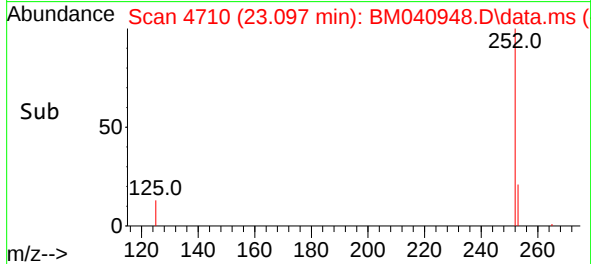
Instrument :
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ClientSampleId :
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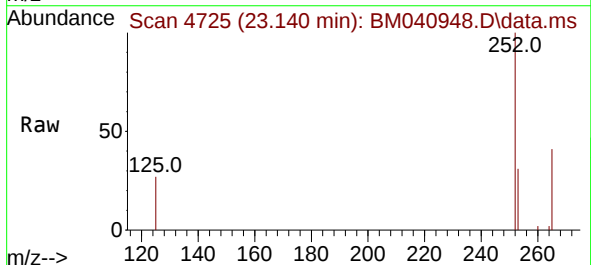
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Ion Ratio Lower Upper
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253 27.2 0.0 52.8
125 21.7 0.0 43.0

Manual Integrations
APPROVED

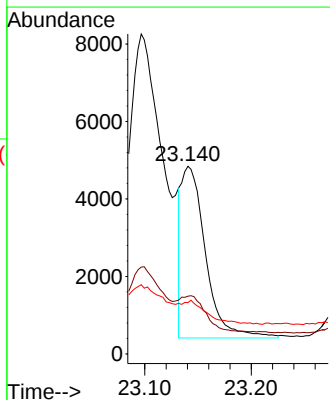
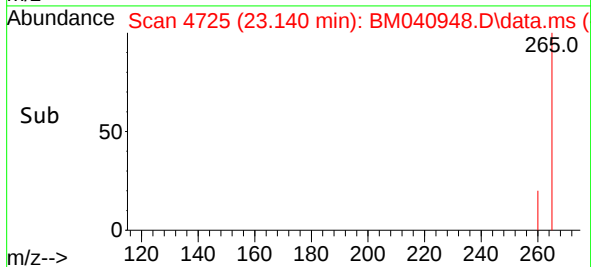
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

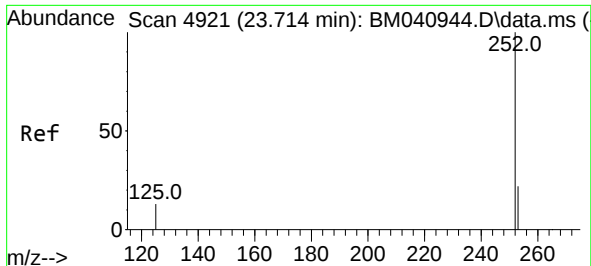


#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul m
RT: 23.140 min Scan# 4725
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19



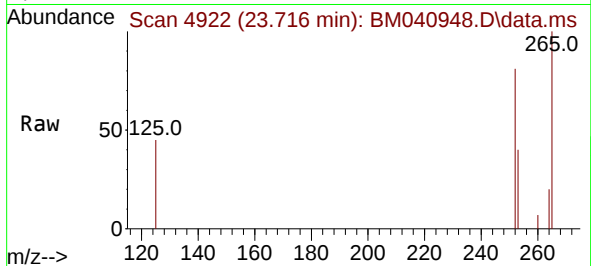
Tgt Ion:252 Resp: 6987
Ion Ratio Lower Upper
252 100
253 30.8 21.2 31.8
125 27.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.716 min Scan# 4921
Delta R.T. 0.003 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19

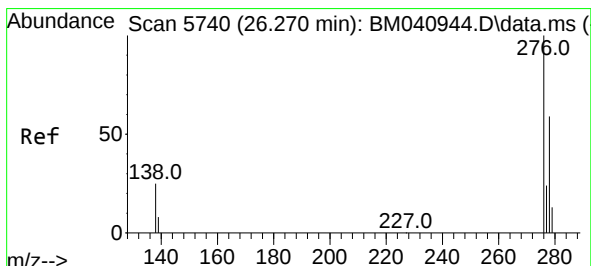
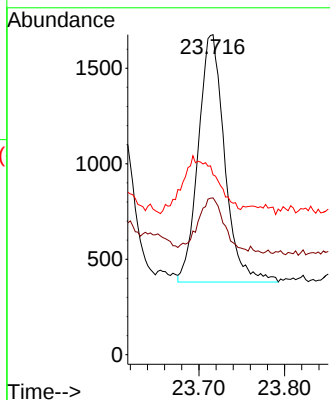
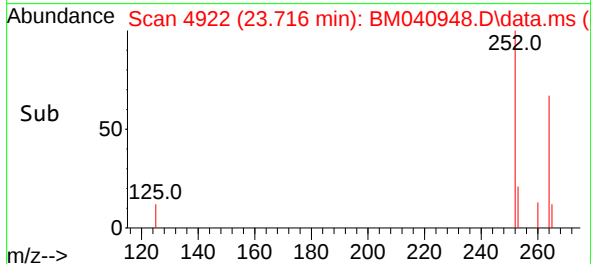
Instrument :
BNA_M
ClientSampleId :
A46L4DL



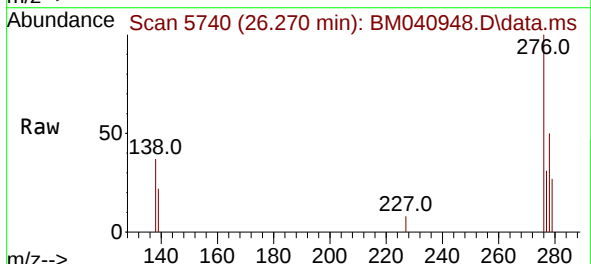
Tgt Ion:252 Resp: 2770
Ion Ratio Lower Upper
252 100
253 49.0 22.9 34.3
125 56.2 21.0 31.4

Manual Integrations
APPROVED

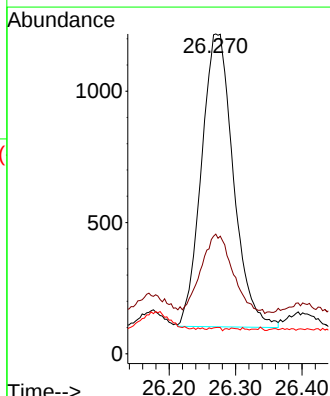
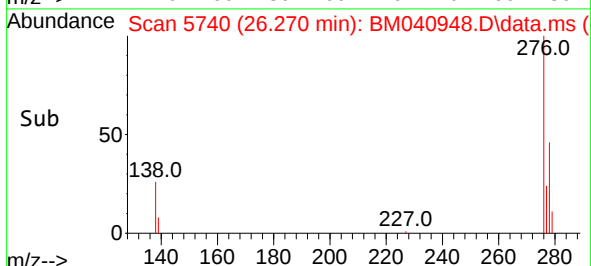
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

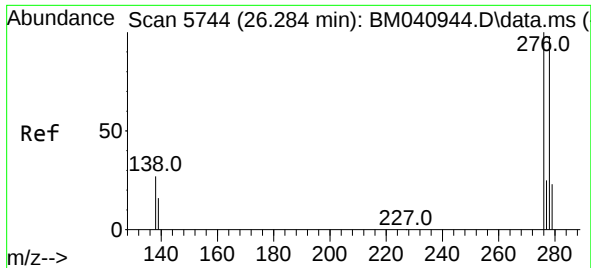


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 26.270 min Scan# 5740
Delta R.T. -0.000 min
Lab File: BM040948.D
Acq: 18 Jul 2023 10:19



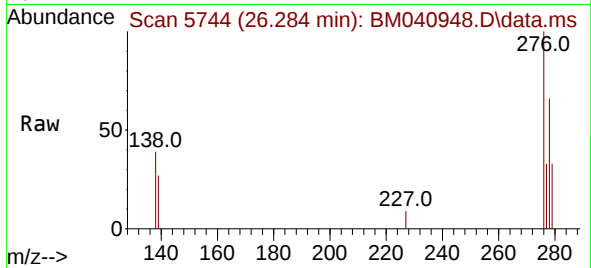
Tgt Ion:276 Resp: 3715
Ion Ratio Lower Upper
276 100
138 26.2 24.5 36.7
227 0.3 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.078 ng/ul
 RT: 26.284 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM040948.D
 Acq: 18 Jul 2023 10:19

Instrument :
 BNA_M
 ClientSampleId :
 A46L4DL



Tgt Ion:278 Resp: 2250
 Ion Ratio Lower Upper
 278 100
 139 40.1 17.9 26.9
 279 49.4 22.0 33.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

