

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 22:26:47 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	7.849	152	5317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.653	136	16298	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.499	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	16235	0.400	ng/ul #	0.00
17) Chrysene-d12	21.445	240	10551	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	11145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	28754	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5321	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	6243	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	3697	0.082	ng/ul#	88
7) 2-Methylnaphthalene	12.319	142	721	0.027	ng/ul	91
10) Acenaphthylene	14.217	152	1518	0.045	ng/ul#	67
11) Acenaphthene	14.560	153	1105m	0.039	ng/ul	
12) Fluorene	15.550	166	882	0.029	ng/ul#	85
15) Phenanthrene	17.291	178	12351	0.245	ng/ul	97
16) Anthracene	17.383	178	1625	0.038	ng/ul#	73
19) Fluoranthene	19.310	202	31841	0.710	ng/ul	98
20) Pyrene	19.673	202	10957m	0.228	ng/ul	
21) Benzo(a)anthracene	21.428	228	11884	0.333	ng/ul	94
22) Chrysene	21.480	228	14233	0.350	ng/ul#	93
24) Benzo(b)fluoranthene	23.097	252	20035	0.465	ng/ul	86
25) Benzo(k)fluoranthene	23.140	252	6996m	0.165	ng/ul	
26) Benzo(a)pyrene	23.713	252	1176	0.030	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.270	276	3266	0.060	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.280	278	2566	0.061	ng/ul#	35

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

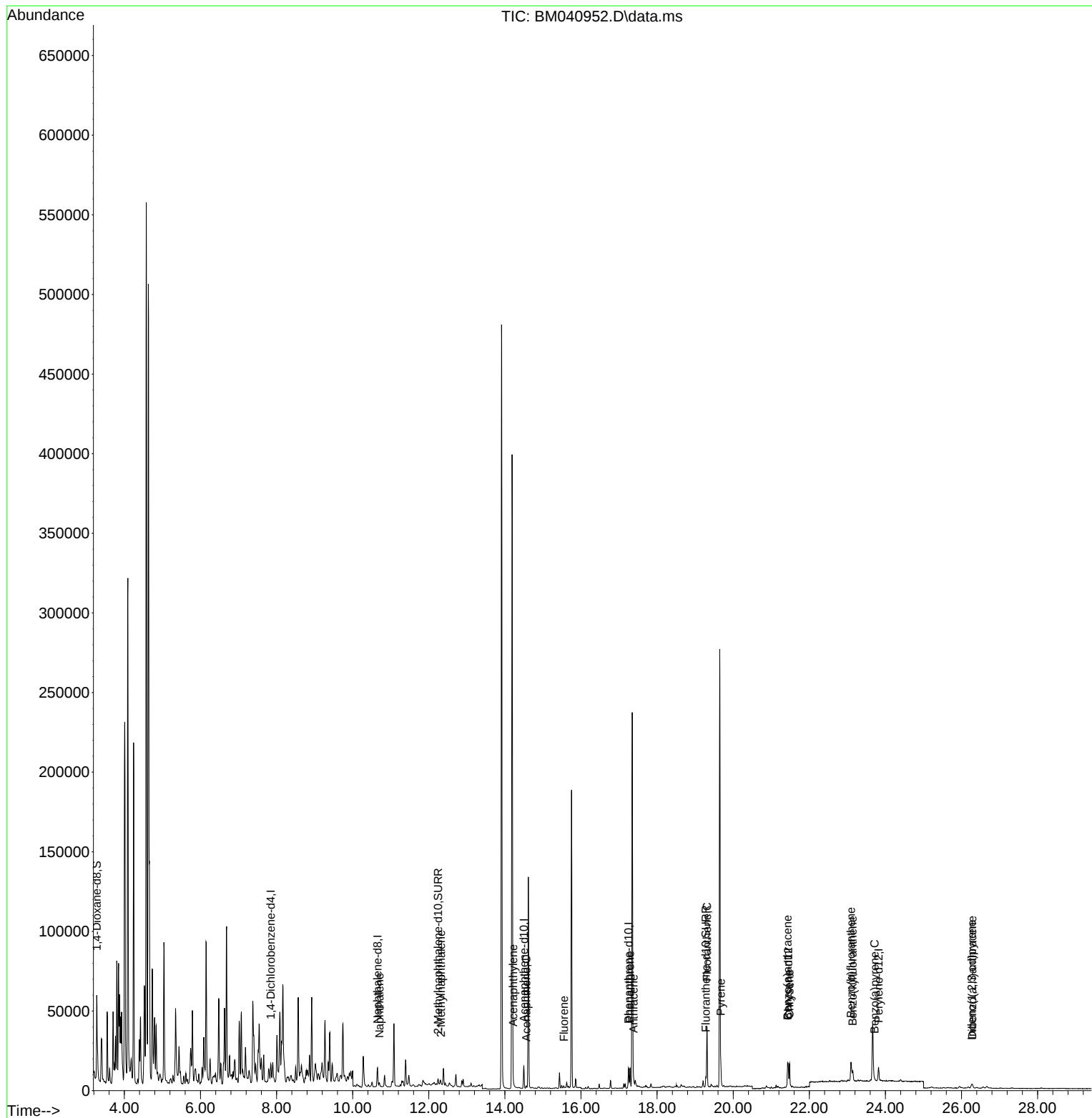
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040952.D
Acq On : 18 Jul 2023 13:46
Operator : MA/JU
Sample : 03458-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

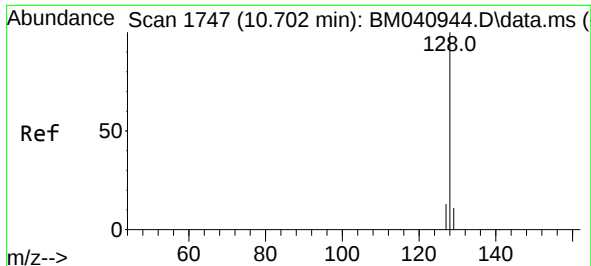
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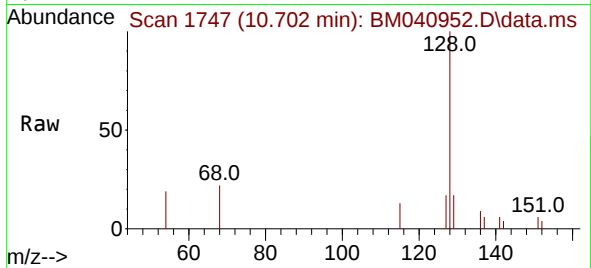
Quant Time: Jul 18 22:26:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
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#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

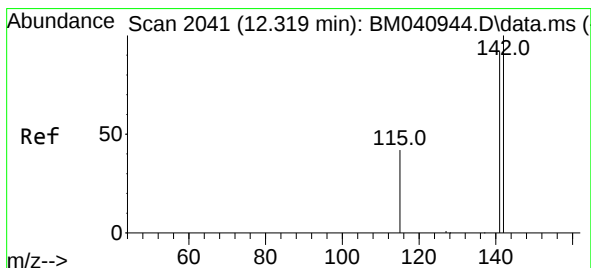
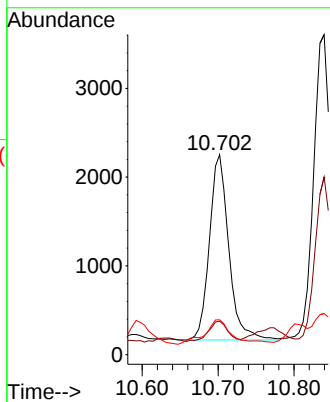
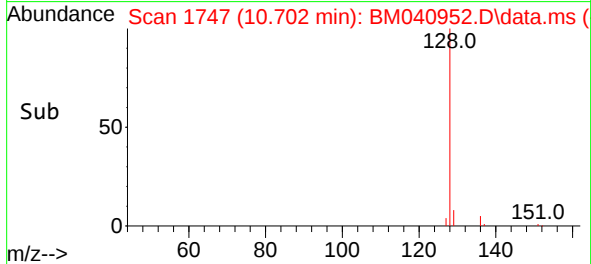
Instrument :
BNA_M
ClientSampleId :
A46N2



Tgt Ion:128 Resp: 369
Ion Ratio Lower Upper
128 100
129 16.7 9.2 13.8
127 17.4 10.6 15.8

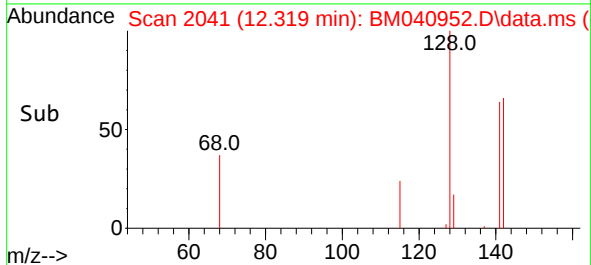
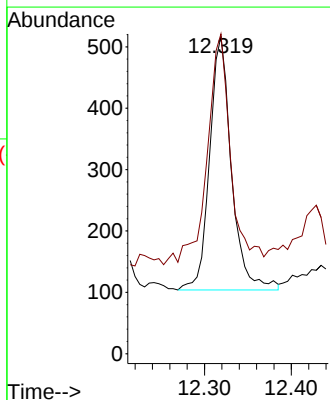
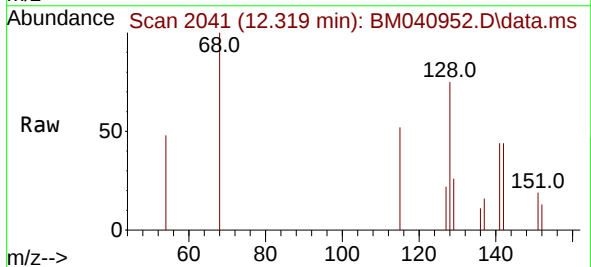
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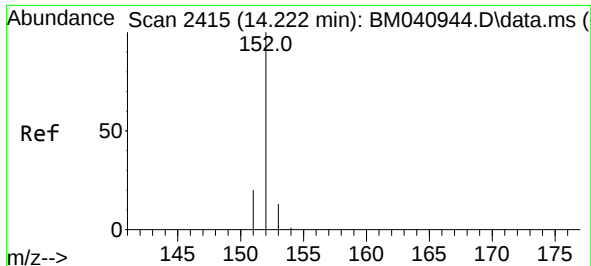
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

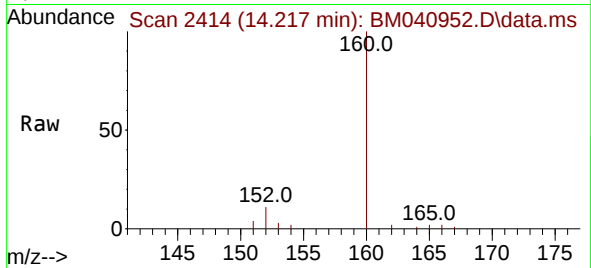
Tgt Ion:142 Resp: 721
Ion Ratio Lower Upper
142 100
141 98.1 71.9 107.9





#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.217 min Scan# 2415
Delta R.T. -0.005 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

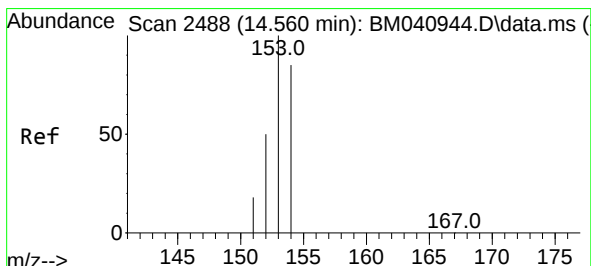
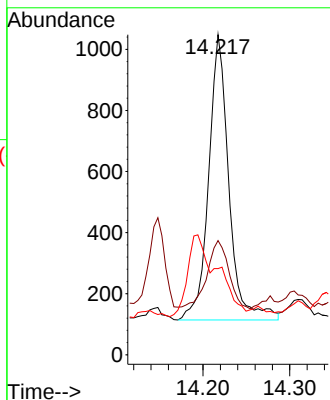
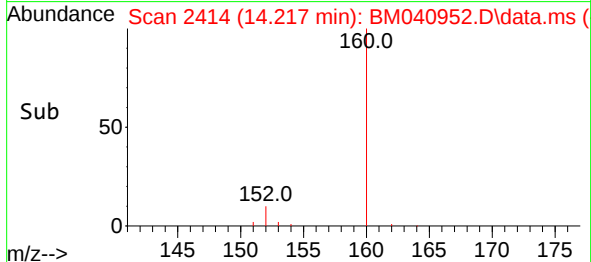
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Tgt Ion:152 Resp: 1518
Ion Ratio Lower Upper
152 100
151 35.7 16.2 24.2
153 26.9 10.9 16.3

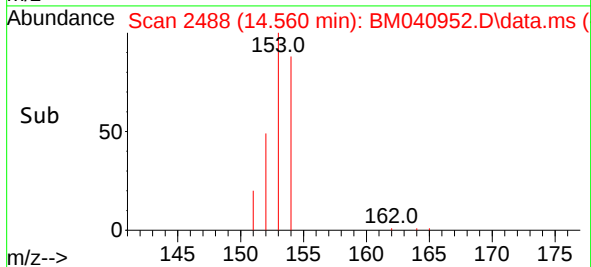
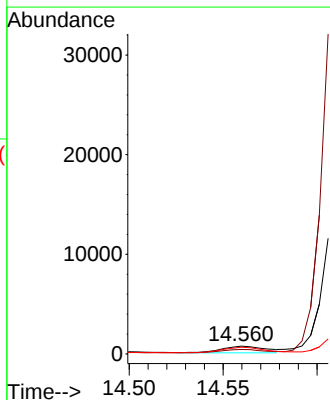
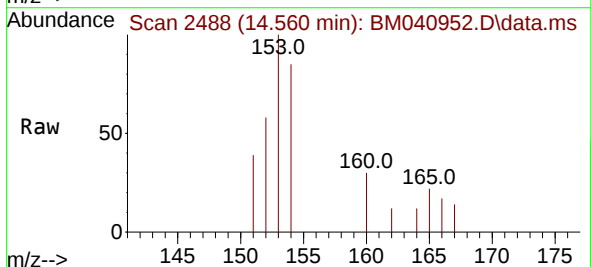
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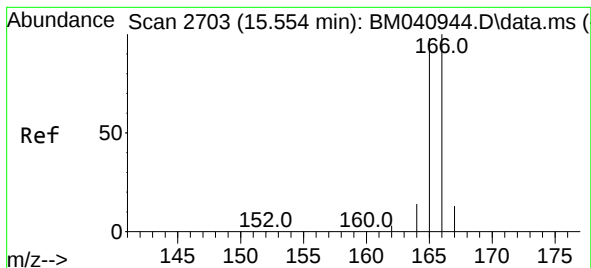
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#11
Acenaphthene
Concen: 0.039 ng/ul m
RT: 14.560 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

Tgt Ion:153 Resp: 1105
Ion Ratio Lower Upper
153 100
152 58.1 41.0 61.4
154 85.5 70.8 106.2





#12

Fluorene

Concen: 0.029 ng/ul

RT: 15.550 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

Instrument :

BNA_M

ClientSampleId :

A46N2

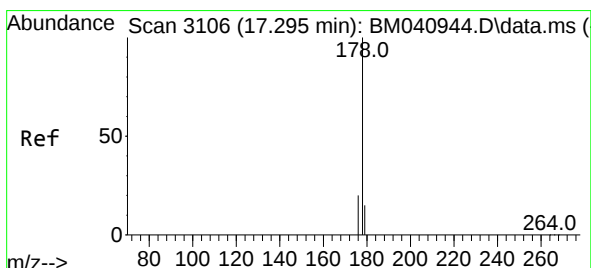
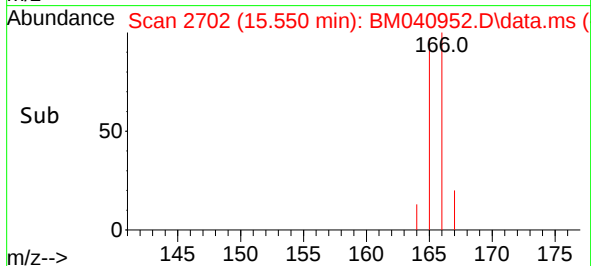
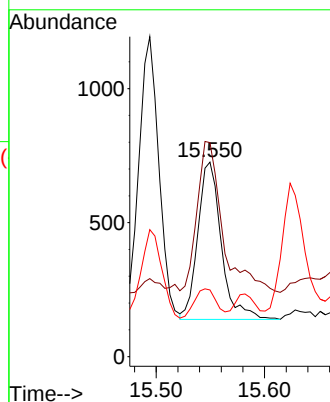
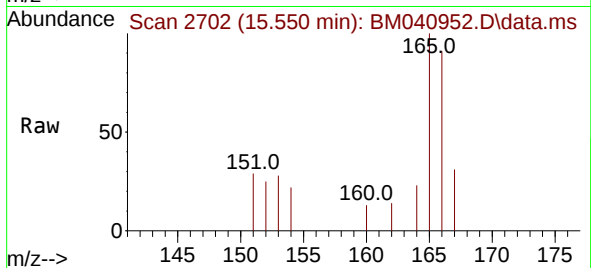
Tgt Ion:	166	Resp:	88
Ion Ratio	Lower	Upper	
166	100		
165	110.1	79.6	119.4
167	34.3	11.4	17.0

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#15

Phenanthrene

Concen: 0.245 ng/ul

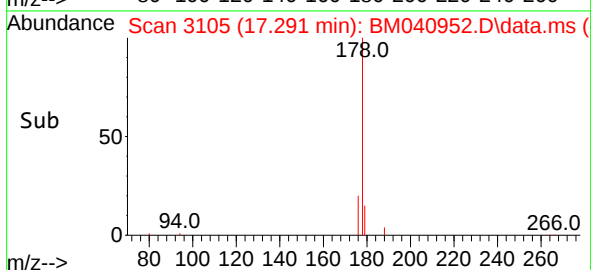
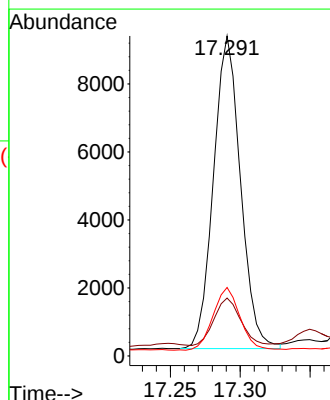
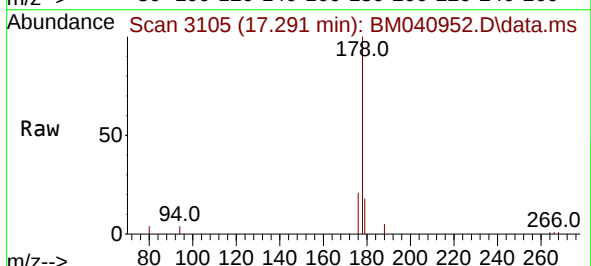
RT: 17.291 min Scan# 3105

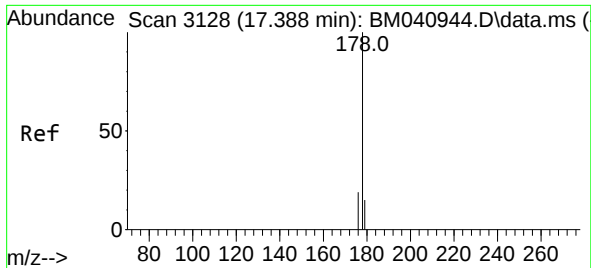
Delta R.T. -0.004 min

Lab File: BM040952.D

Acq: 18 Jul 2023 13:46

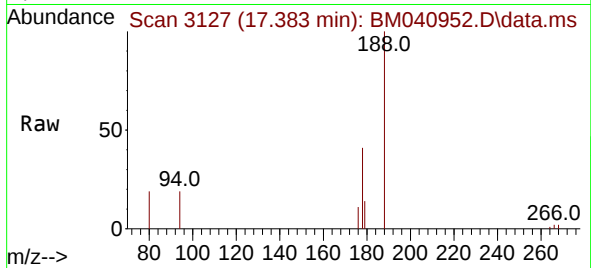
Tgt Ion:	178	Resp:	12351
Ion Ratio	Lower	Upper	
178	100		
179	18.1	12.8	19.2
176	21.4	16.4	24.6





#16
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.383 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040952.D
 Acq: 18 Jul 2023 13:46

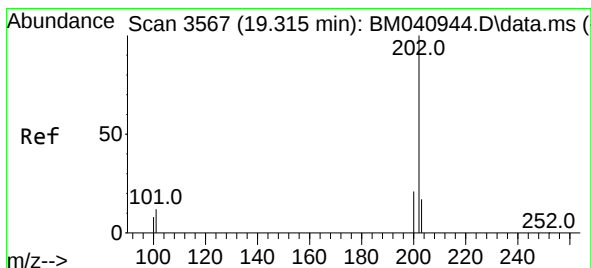
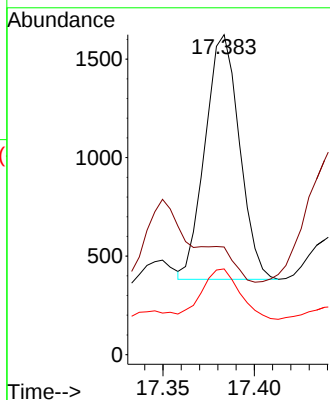
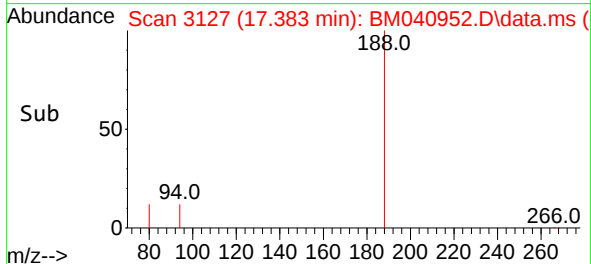
Instrument :
 BNA_M
 ClientSampleId :
 A46N2



Tgt Ion:178 Resp: 162
 Ion Ratio Lower Upper
 178 100
 179 33.6 12.9 19.3
 176 26.8 15.8 23.6

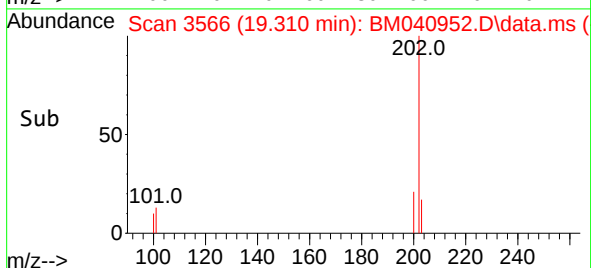
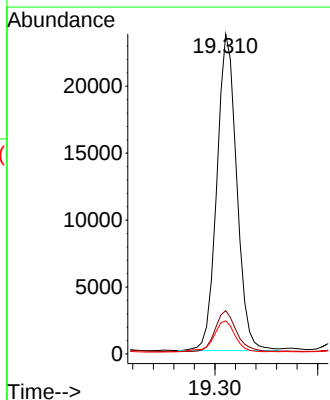
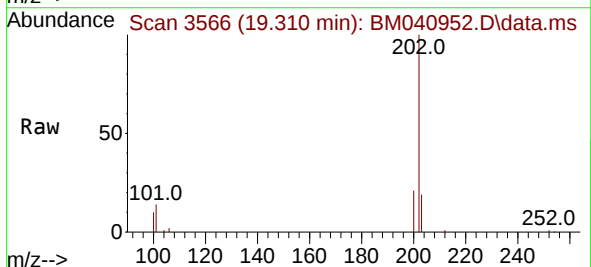
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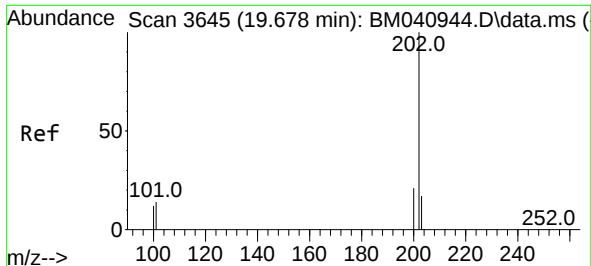
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#19
 Fluoranthene
 Concen: 0.710 ng/ul
 RT: 19.310 min Scan# 3566
 Delta R.T. -0.005 min
 Lab File: BM040952.D
 Acq: 18 Jul 2023 13:46

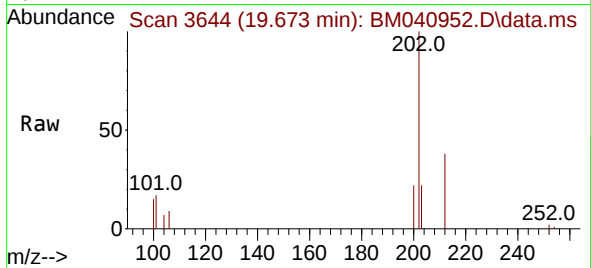
Tgt Ion:202 Resp: 31841
 Ion Ratio Lower Upper
 202 100
 101 13.5 11.4 17.0
 100 10.3 8.7 13.1





#20
Pyrene
Concen: 0.228 ng/ul m
RT: 19.673 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

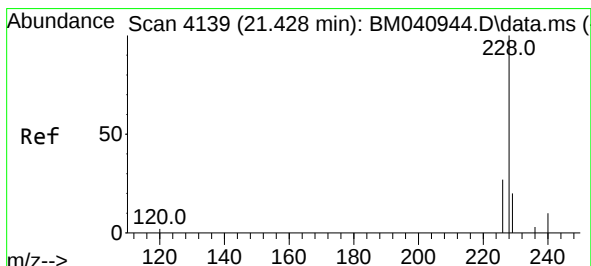
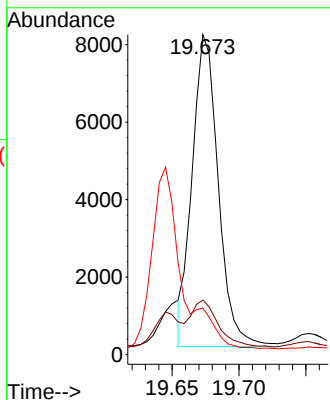
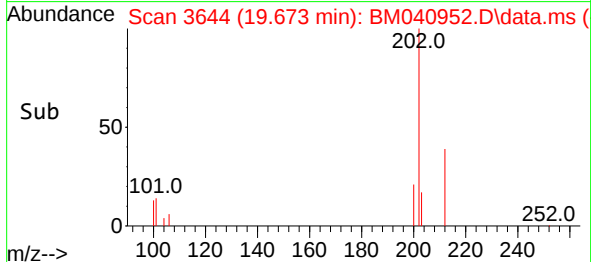
Instrument :
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Tgt Ion:202 Resp: 1095
Ion Ratio Lower Upper
202 100
101 17.1 12.6 18.8
100 14.6 9.8 14.6

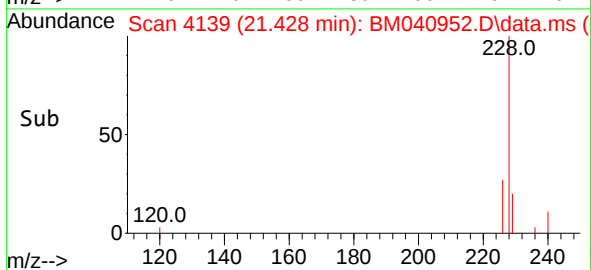
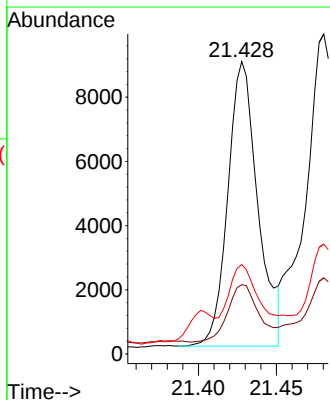
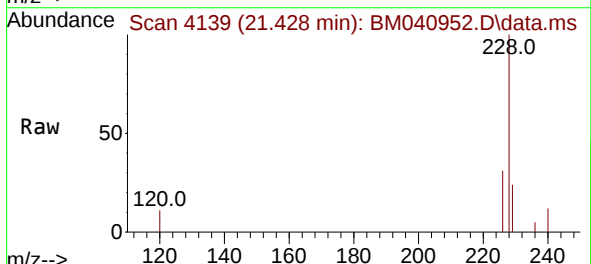
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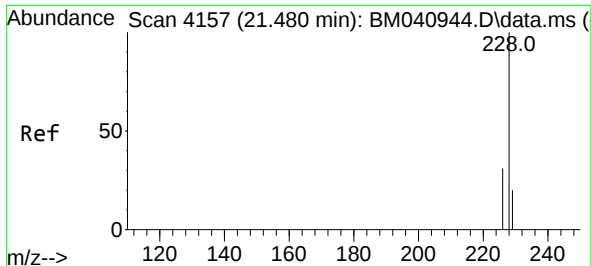
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.428 min Scan# 4139
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

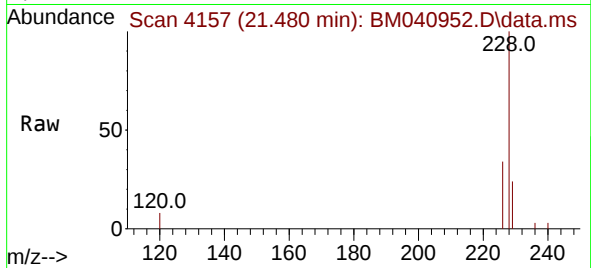
Tgt Ion:228 Resp: 11884
Ion Ratio Lower Upper
228 100
229 23.7 16.0 24.0
226 30.6 22.3 33.5





#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

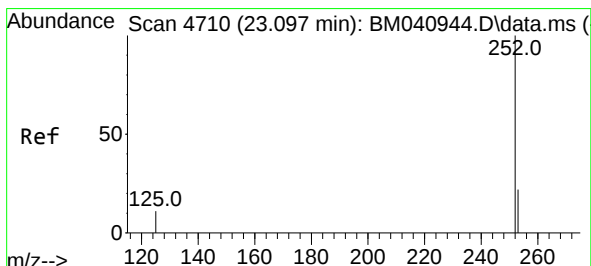
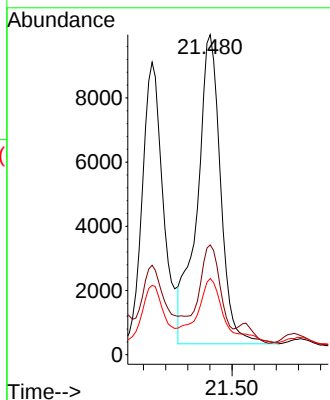
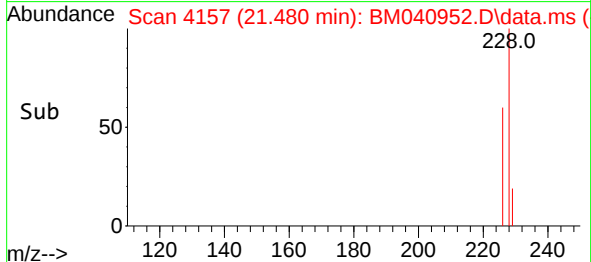
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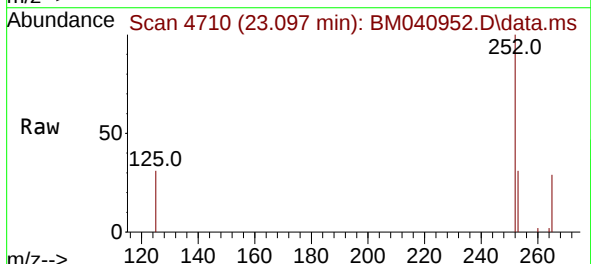
Tgt Ion:228 Resp: 1423
Ion Ratio Lower Upper
228 100
226 34.3 24.9 37.3
229 23.8 15.8 23.6

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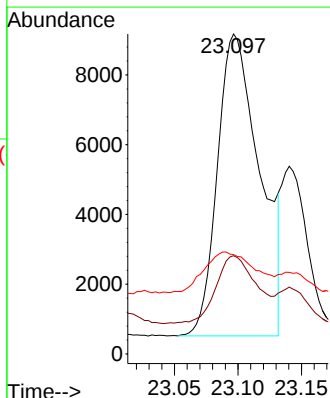
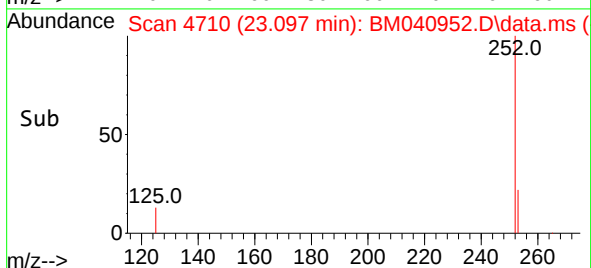
Reviewed By :Yogesh Patel 07/19/2023
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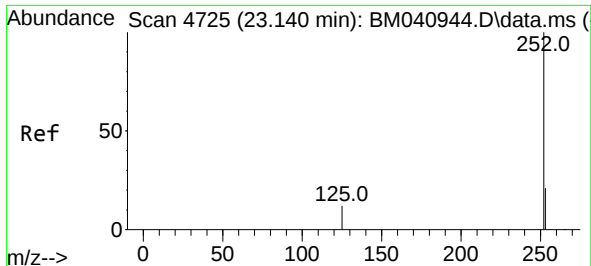


#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul
RT: 23.097 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46



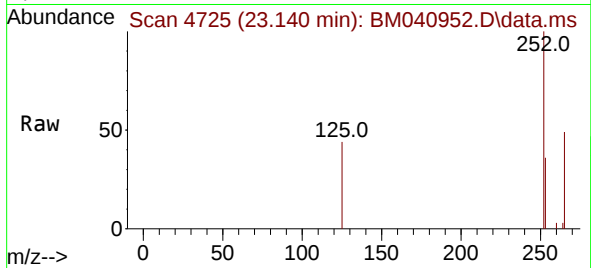
Tgt Ion:252 Resp: 20035
Ion Ratio Lower Upper
252 100
253 30.7 0.0 52.8
125 31.0 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.140 min Scan# 4725
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

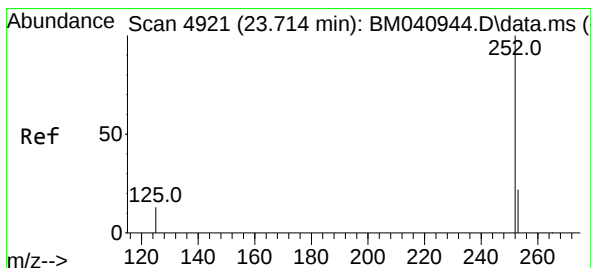
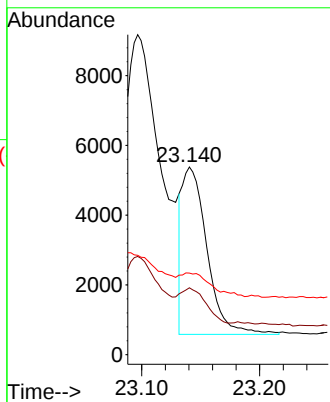
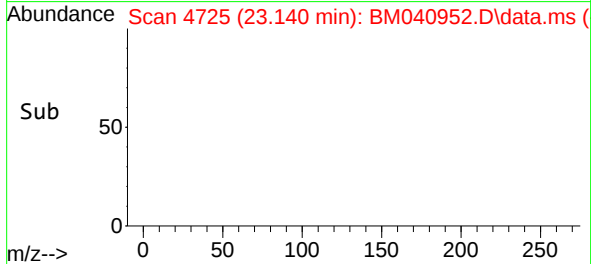
Instrument :
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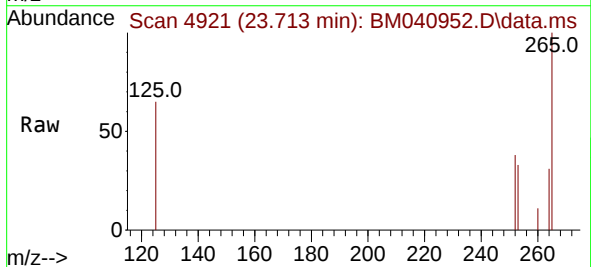
Tgt Ion:252 Resp: 6990
Ion Ratio Lower Upper
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253 35.6 21.2 31.8#
125 43.5 16.4 24.6#

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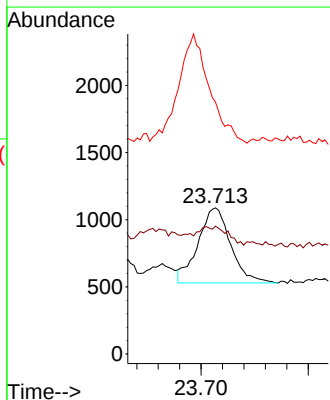
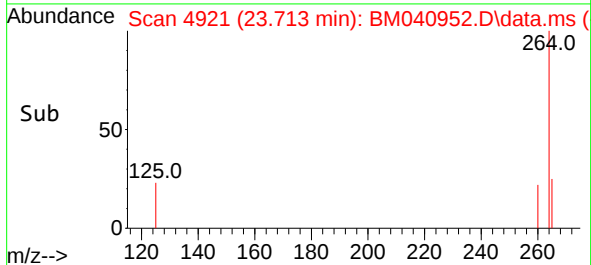
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

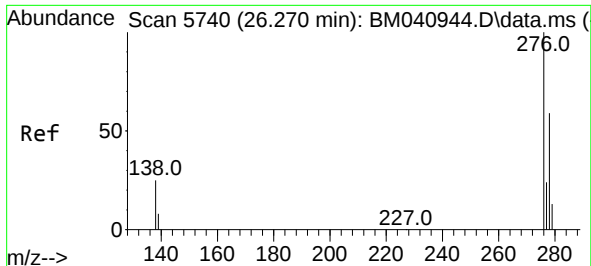


#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.713 min Scan# 4921
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46



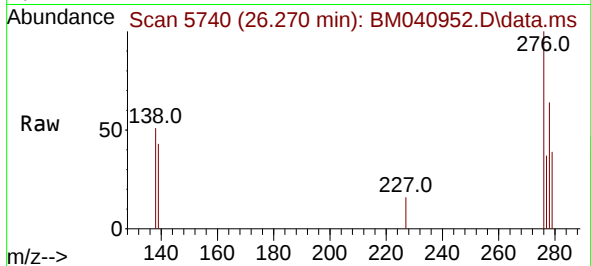
Tgt Ion:252 Resp: 1176
Ion Ratio Lower Upper
252 100
253 87.5 22.9 34.3#
125 172.4 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 26.270 min Scan# 5740
Delta R.T. -0.000 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46

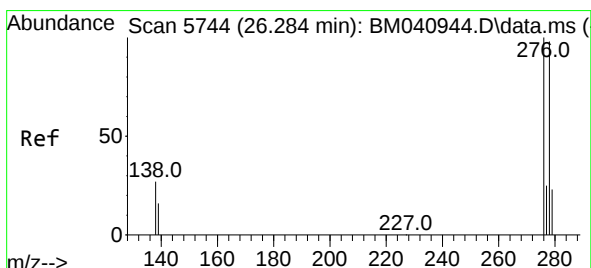
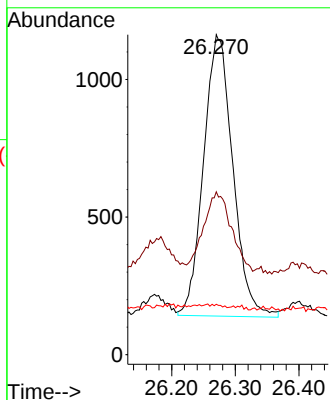
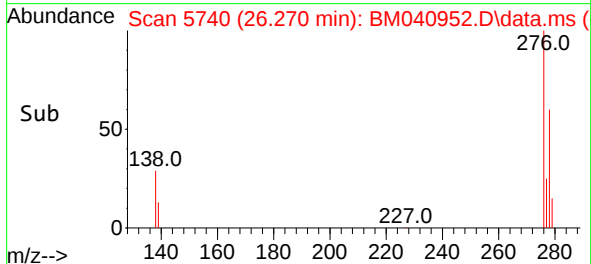
Instrument :
BNA_M
ClientSampleId :
A46N2



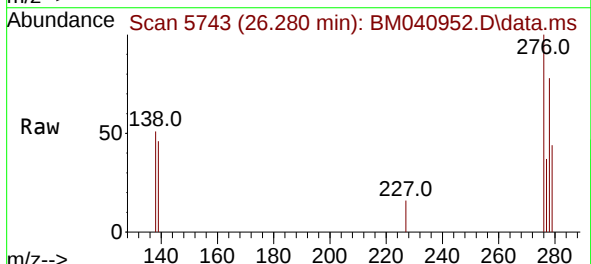
Tgt Ion: 276 Resp: 3260
Ion Ratio Lower Upper
276 100
138 28.4 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
APPROVED

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



#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.003 min
Lab File: BM040952.D
Acq: 18 Jul 2023 13:46



Tgt Ion: 278 Resp: 2566
Ion Ratio Lower Upper
278 100
139 58.6 17.9 26.9#
279 57.2 22.0 33.0#

