

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040938.D
 Acq On : 18 Jul 2023 00:58
 Operator : MA/JU
 Sample : 03458-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Sohil Jodhani 07/18/2023

Quant Time: Jul 18 03:44:41 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	6355	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	19478	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	8937	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	25511	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.442	240	12136	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	12476	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27851	2.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	4442	0.163	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	6591	0.169	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	5015	0.093	ng/ul#	91
7) 2-Methylnaphthalene	12.319	142	940	0.030	ng/ul	94
8) 1-Methylnaphthalene	12.539	142	1020	0.032	ng/ul	98
10) Acenaphthylene	14.217	152	2520	0.063	ng/ul#	74
11) Acenaphthene	14.564	153	1944m	0.058	ng/ul	
12) Fluorene	15.550	166	1468	0.041	ng/ul#	91
15) Phenanthrene	17.291	178	31743	0.401	ng/ul	99
16) Anthracene	17.384	178	3571	0.054	ng/ul#	84
19) Fluoranthene	19.310	202	43539	0.845	ng/ul	99
20) Pyrene	19.678	202	16483m	0.298	ng/ul	
21) Benzo(a)anthracene	21.425	228	18207	0.444	ng/ul	95
22) Chrysene	21.477	228	20924	0.447	ng/ul	96
24) Benzo(b)fluoranthene	23.097	252	23567	0.488	ng/ul	93
25) Benzo(k)fluoranthene	23.137	252	11297m	0.237	ng/ul	
26) Benzo(a)pyrene	23.708	252	1472	0.034	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.270	276	3875	0.064	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.277	278	3169	0.067	ng/ul#	46

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

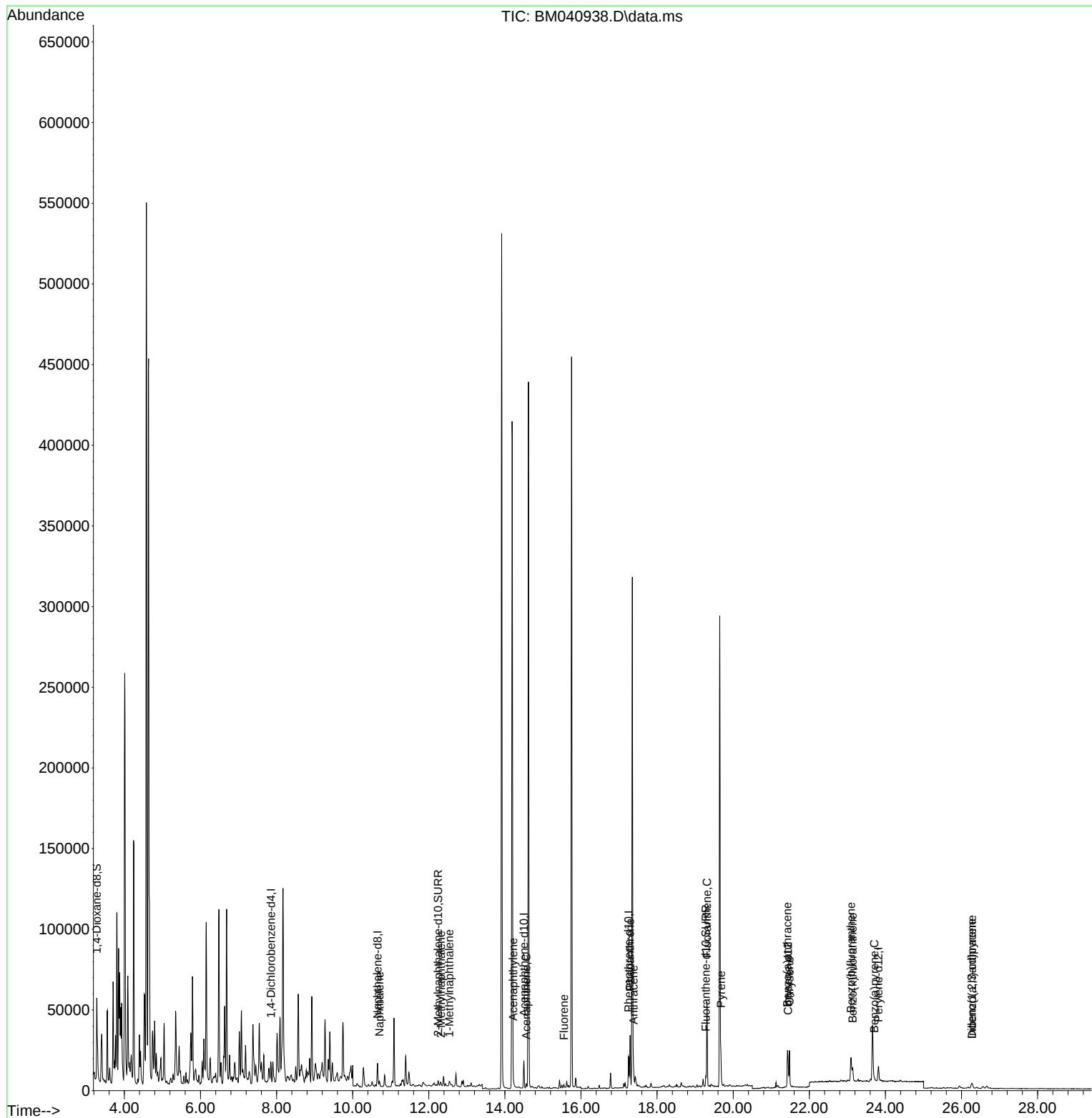
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Data File : BM040938.D
Acq On : 18 Jul 2023 00:58
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Sample : 03458-21
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ALS Vial : 23 Sample Multiplier: 1

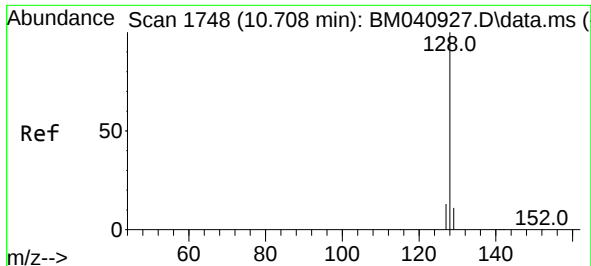
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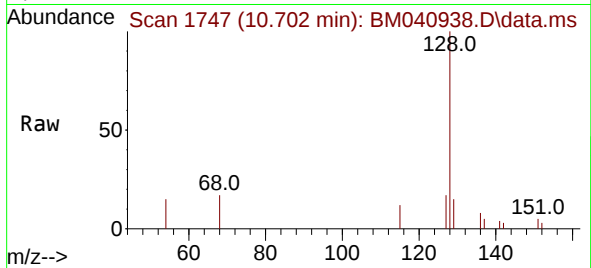
Quant Time: Jul 18 03:44:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

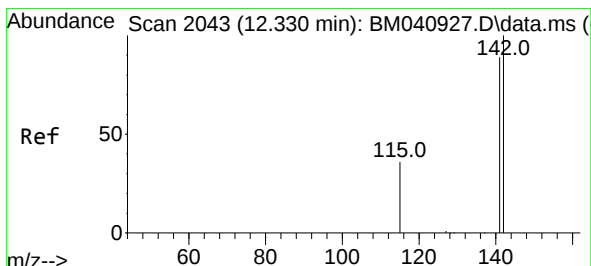
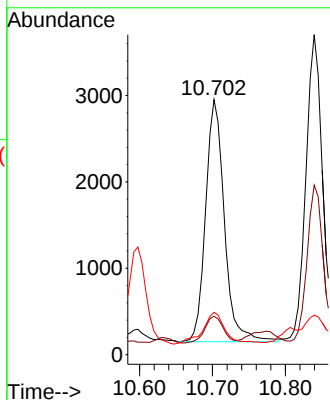
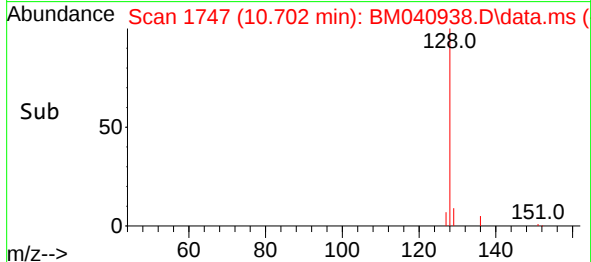
Instrument :
BNA_M
ClientSampleId :
A46K5



Tgt Ion:128 Resp: 501
Ion Ratio Lower Upper
128 100
129 15.1 9.2 13.8
127 16.6 10.6 15.8

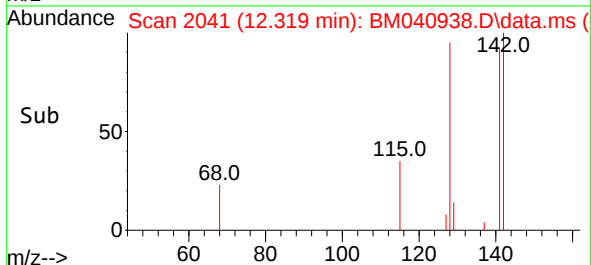
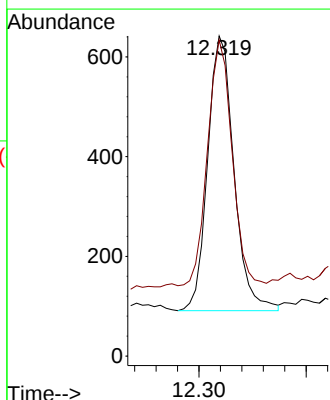
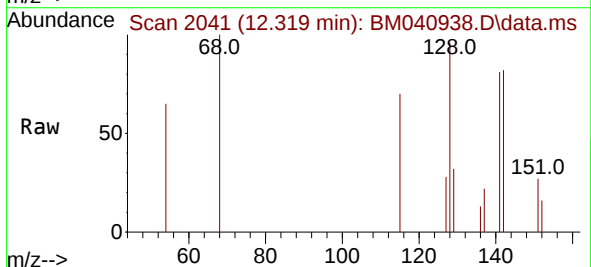
Manual Integrations
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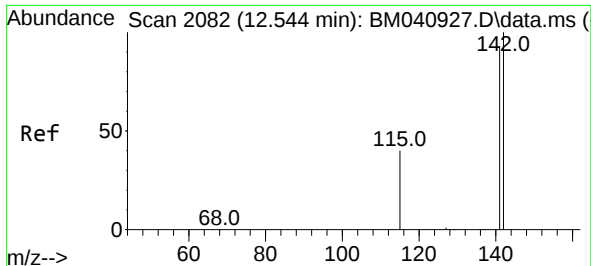
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

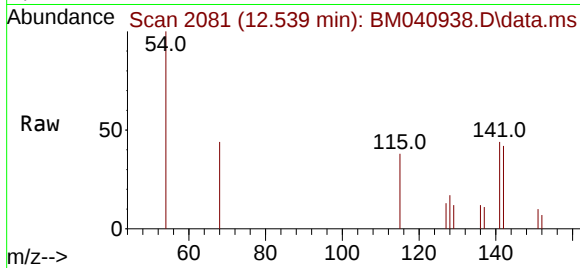
Tgt Ion:142 Resp: 940
Ion Ratio Lower Upper
142 100
141 83.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.539 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

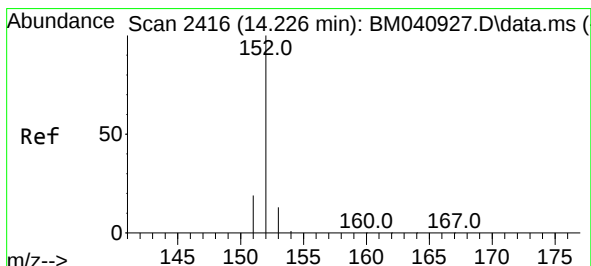
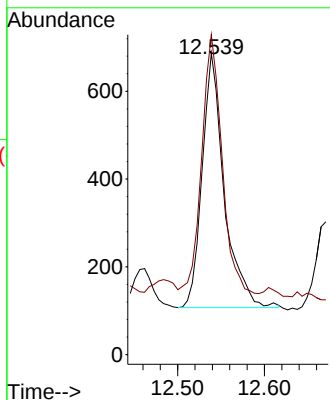
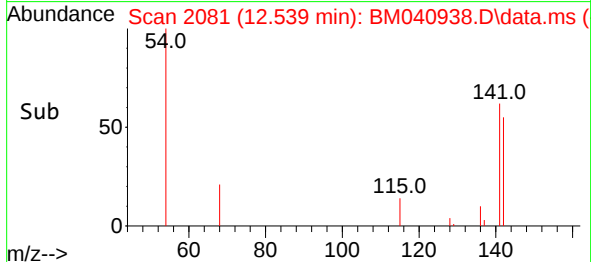
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1020
Ion Ratio Lower Upper
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141 93.6 73.7 110.5

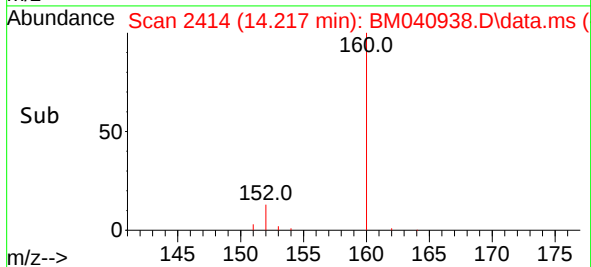
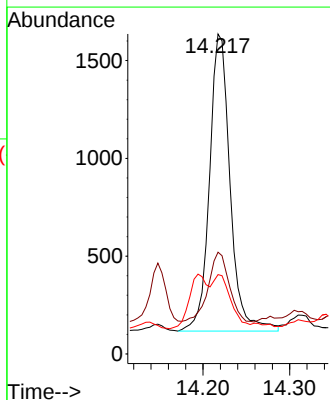
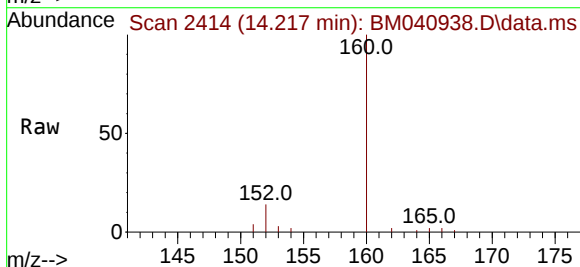
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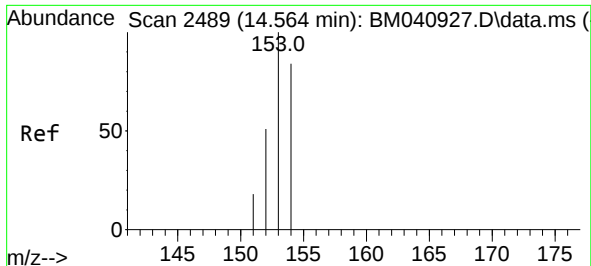
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.014 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

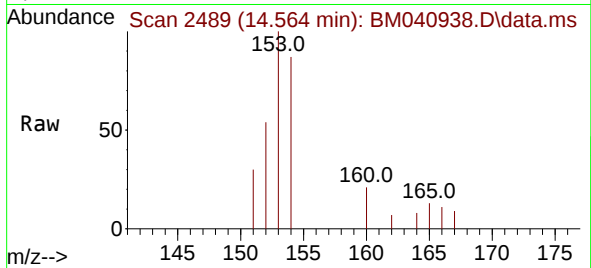
Tgt Ion:152 Resp: 2520
Ion Ratio Lower Upper
152 100
151 31.8 16.2 24.2#
153 24.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.058 ng/ul m
RT: 14.564 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

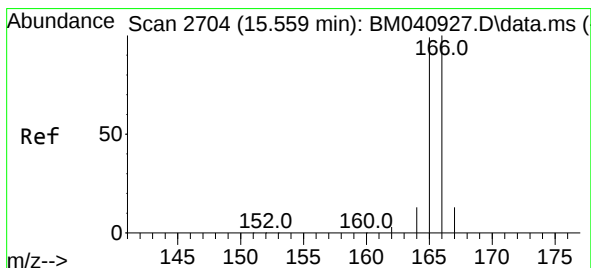
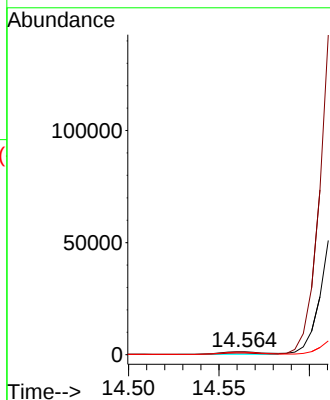
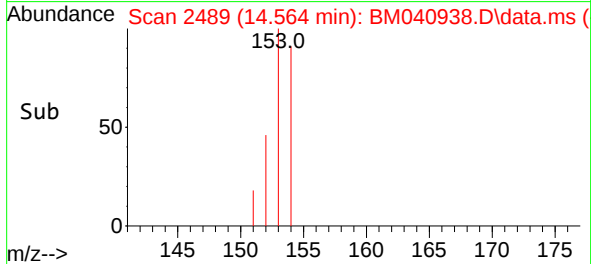
Instrument :
BNA_M
ClientSampleId :
A46K5



Tgt Ion:153 Resp: 1944
Ion Ratio Lower Upper
153 100
152 54.1 41.0 61.4
154 87.2 70.8 106.2

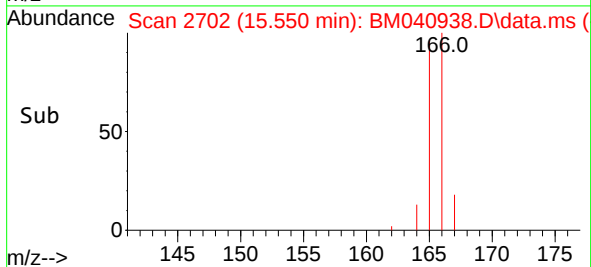
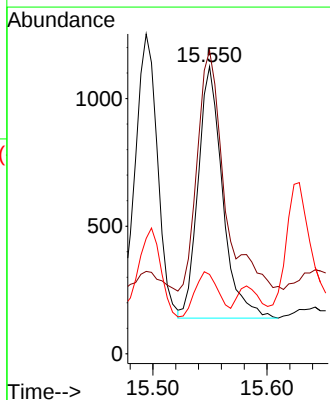
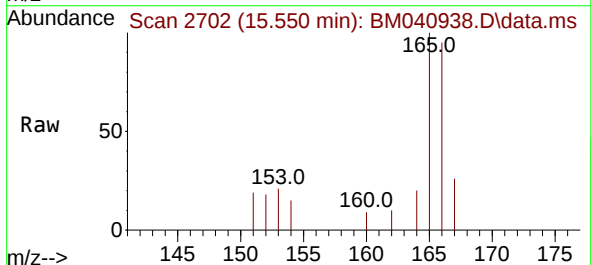
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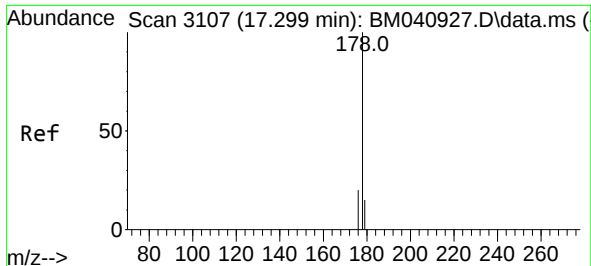
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.009 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

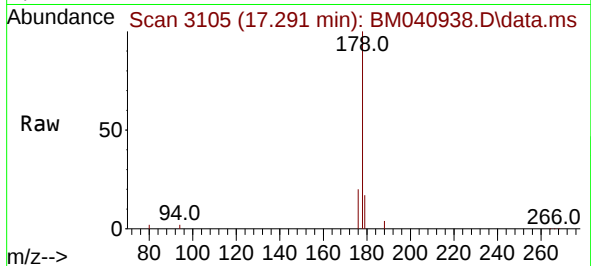
Tgt Ion:166 Resp: 1468
Ion Ratio Lower Upper
166 100
165 105.6 79.6 119.4
167 27.6 11.4 17.0#





#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

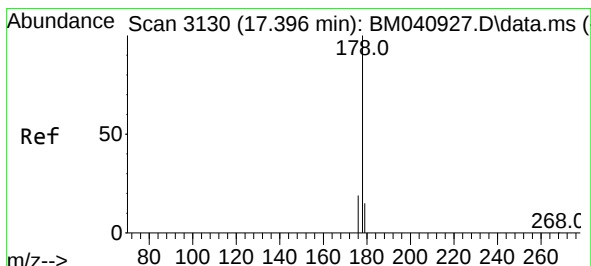
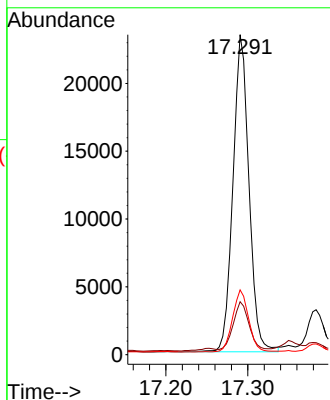
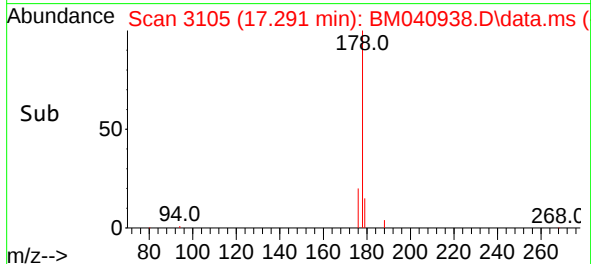
Instrument :
BNA_M
ClientSampleId :
A46K5



Tgt Ion:178 Resp: 3174
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 20.2 16.4 24.6

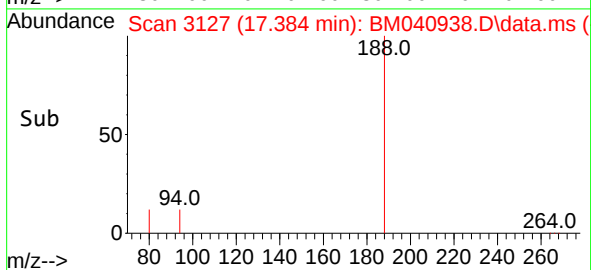
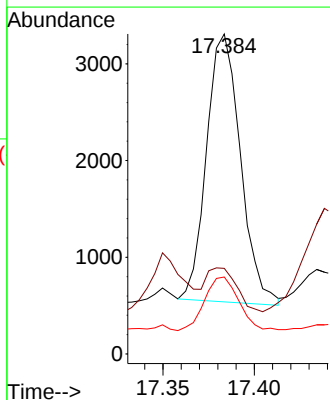
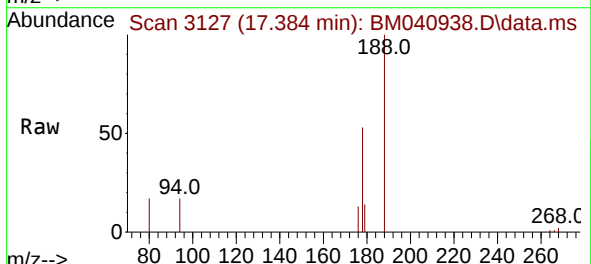
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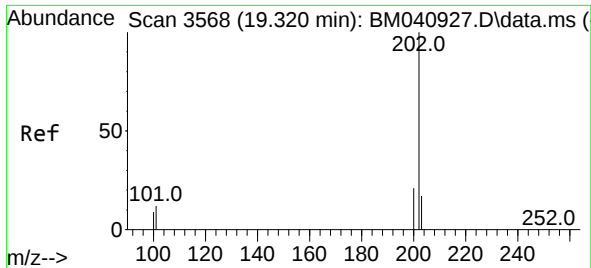
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#16
Anthracene
Concen: 0.054 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

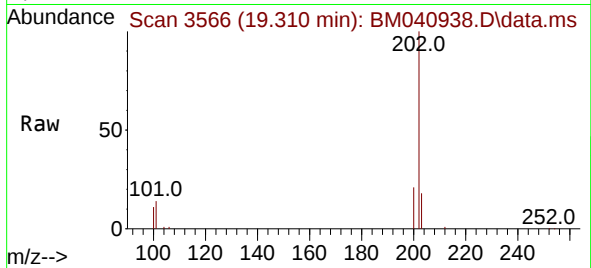
Tgt Ion:178 Resp: 3571
Ion Ratio Lower Upper
178 100
179 26.7 12.9 19.3#
176 24.1 15.8 23.6#





#19
Fluoranthene
Concen: 0.845 ng/ul
RT: 19.310 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

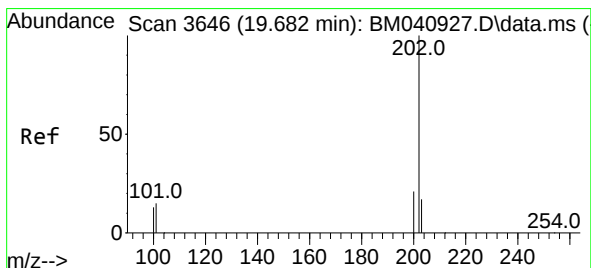
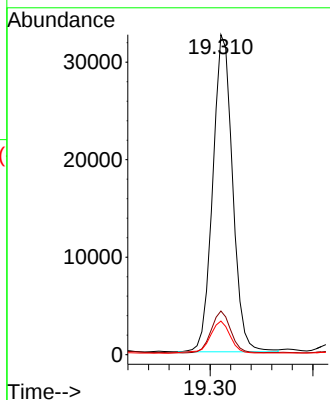
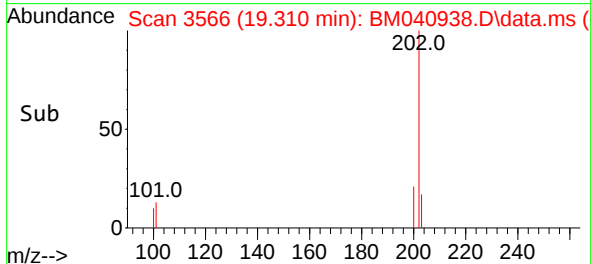
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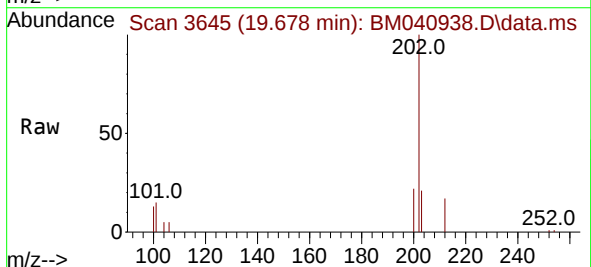
Tgt Ion:202 Resp: 43539
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.5 8.7 13.1

Manual Integrations
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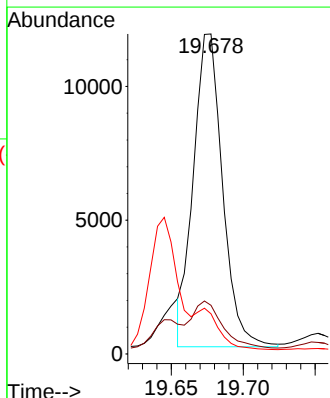
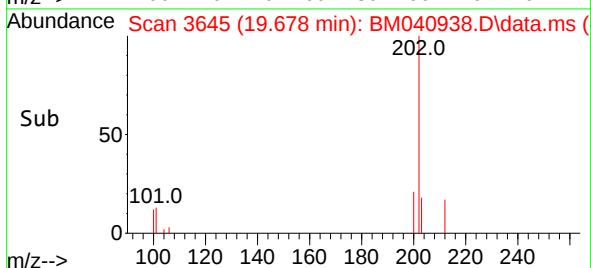
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023

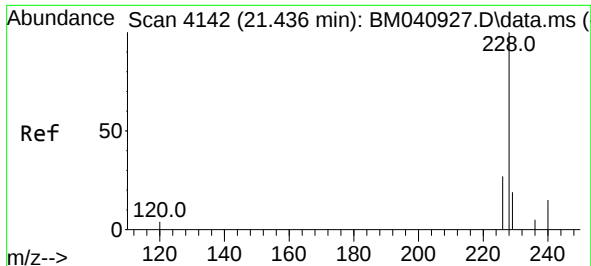


#20
Pyrene
Concen: 0.298 ng/ul m
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58



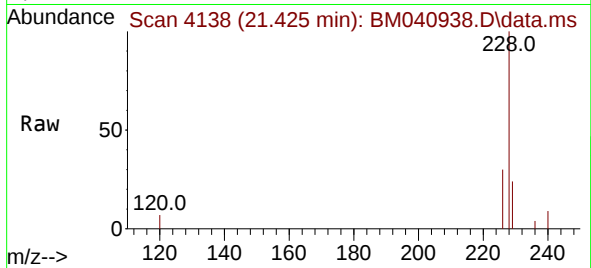
Tgt Ion:202 Resp: 16483
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.425 min Scan# 411
Delta R.T. -0.009 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

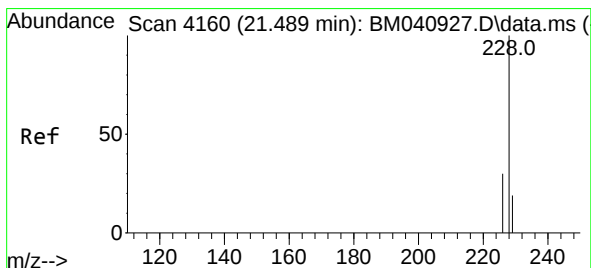
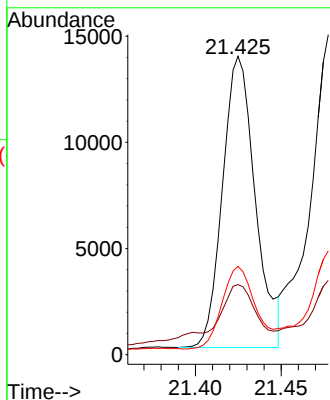
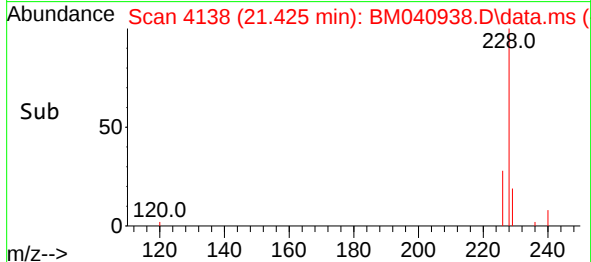
Instrument :
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A46K5



Tgt Ion:228 Resp: 1820
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 29.6 22.3 33.5

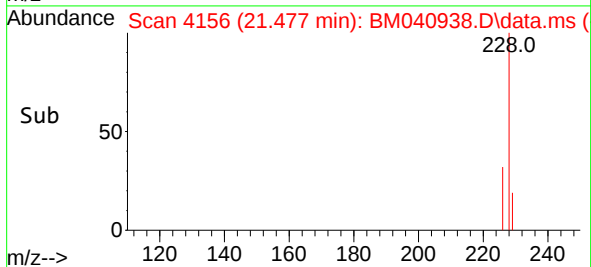
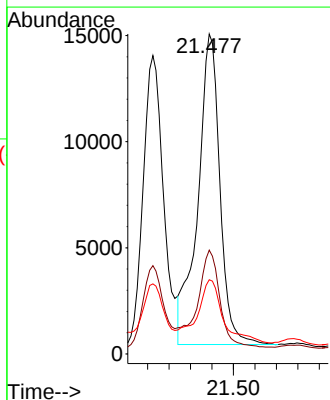
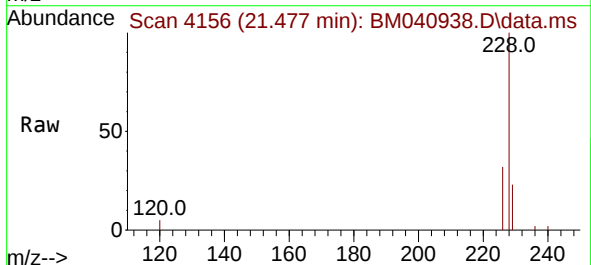
Manual Integrations
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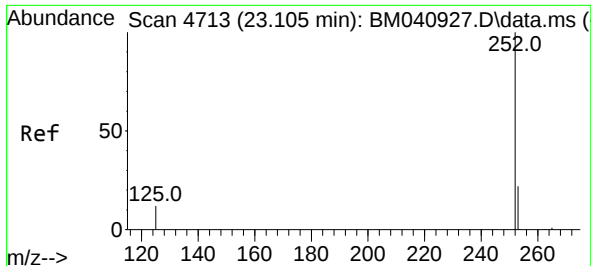
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#22
Chrysene
Concen: 0.447 ng/ul
RT: 21.477 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

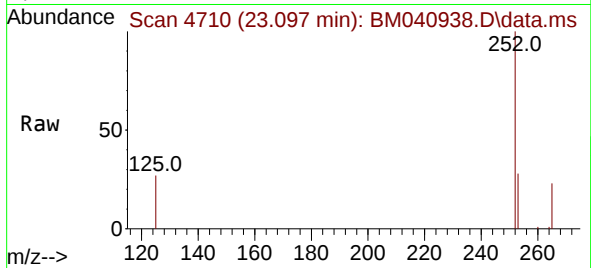
Tgt Ion:228 Resp: 20924
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 23.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.488 ng/ul
RT: 23.097 min Scan# 4710
Delta R.T. -0.006 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

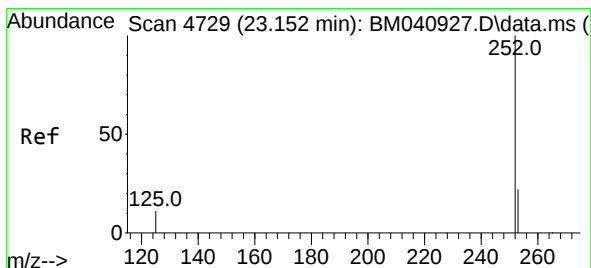
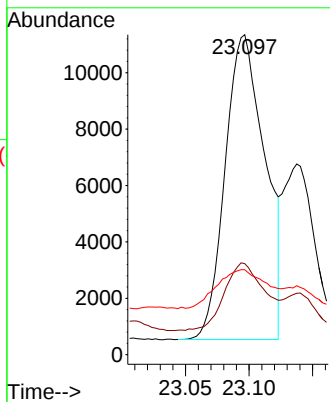
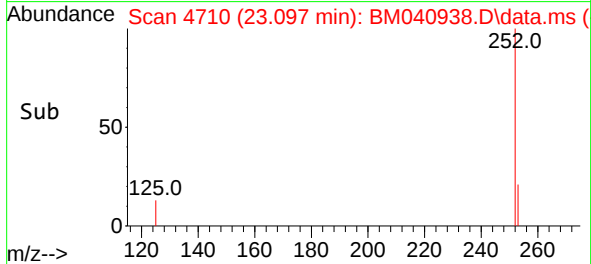
Instrument :
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ClientSampleId :
A46K5



Tgt Ion:252 Resp: 2356
Ion Ratio Lower Upper
252 100
253 28.5 0.0 52.8
125 26.6 0.0 43.0

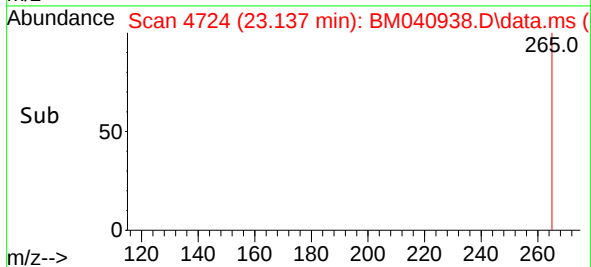
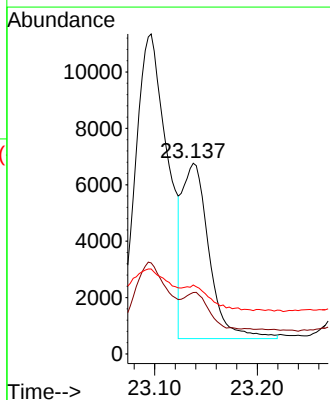
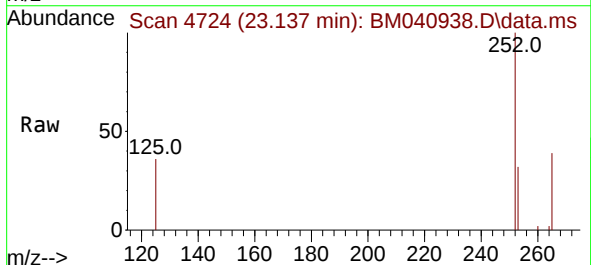
Manual Integrations
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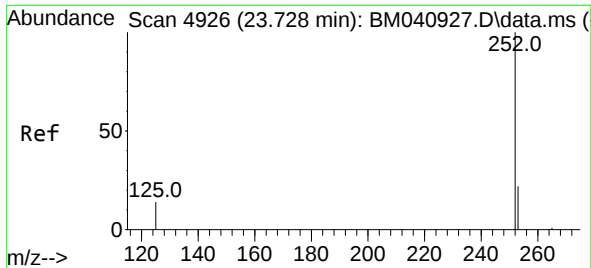
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#25
Benzo(k)fluoranthene
Concen: 0.237 ng/ul m
RT: 23.137 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

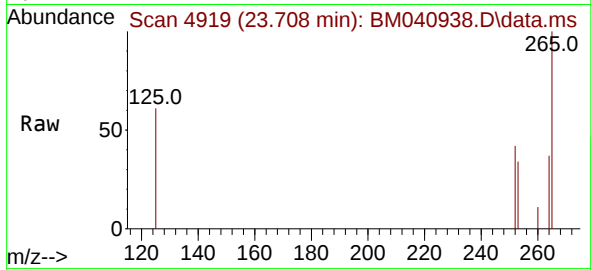
Tgt Ion:252 Resp: 11297
Ion Ratio Lower Upper
252 100
253 32.2 21.2 31.8#
125 36.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.034 ng/ul
RT: 23.708 min Scan# 4926
Delta R.T. -0.015 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58

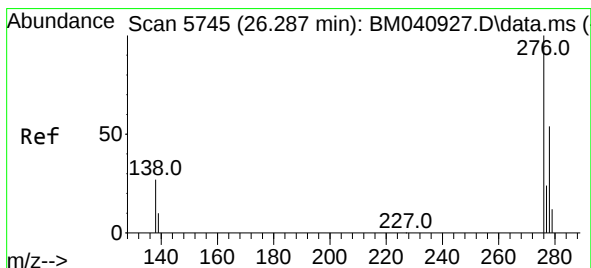
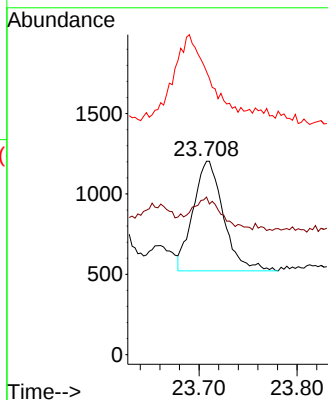
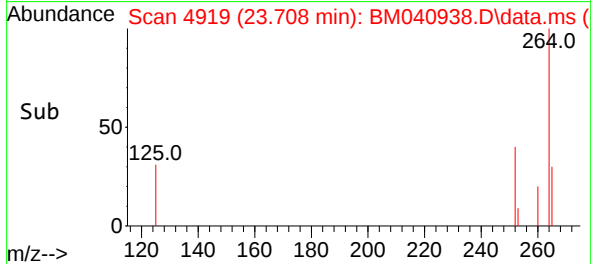
Instrument :
BNA_M
ClientSampleId :
A46K5



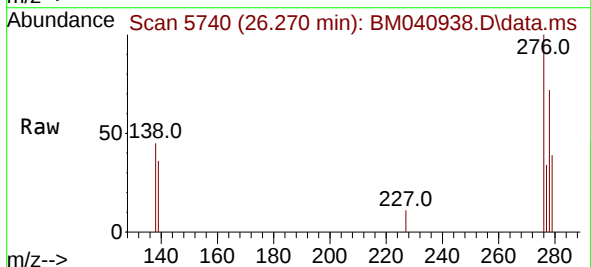
Tgt Ion:252 Resp: 1472
Ion Ratio Lower Upper
252 100
253 81.5 22.9 34.3
125 146.4 21.0 31.4

Manual Integrations
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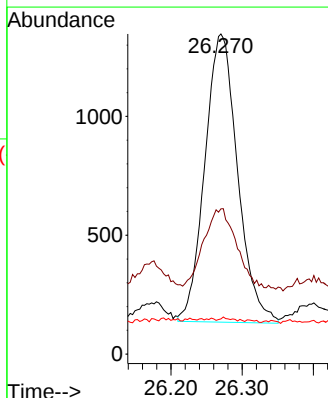
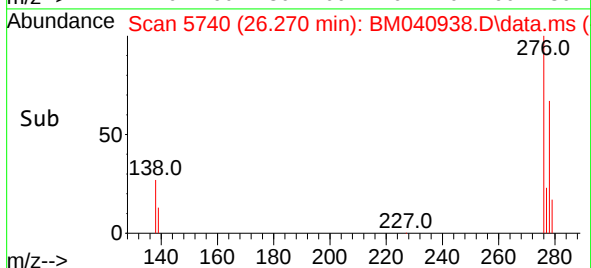
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023

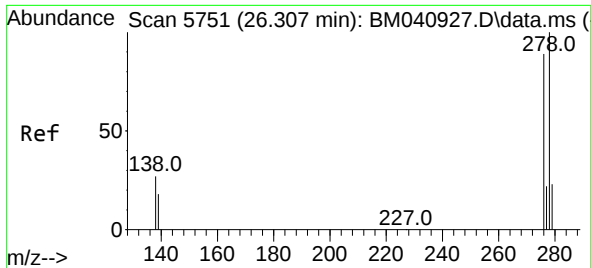


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 26.270 min Scan# 5740
Delta R.T. -0.020 min
Lab File: BM040938.D
Acq: 18 Jul 2023 00:58



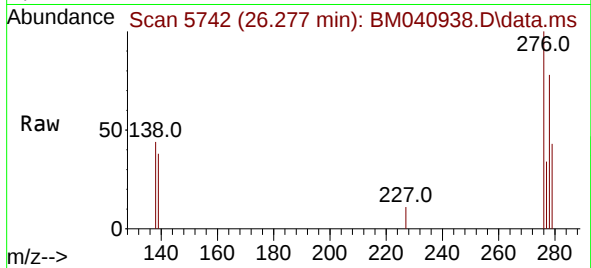
Tgt Ion:276 Resp: 3875
Ion Ratio Lower Upper
276 100
138 30.2 24.5 36.7
227 0.6 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.067 ng/ul
 RT: 26.277 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: BM040938.D
 Acq: 18 Jul 2023 00:58

Instrument :
 BNA_M
 ClientSampleId :
 A46K5



Tgt Ion: 278 Resp: 3169
 Ion Ratio Lower Upper
 278 100
 139 48.8 17.9 26.9
 279 55.2 22.0 33.0

Manual Integrations
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 Supervised By : Sohil Jodhani 07/18/2023

