

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040521.D
 Acq On : 02 Jul 2023 02:41
 Operator : MA/JU
 Sample : 03242-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:17:10 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 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	7720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	25643	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	16223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	31727	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	21170	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	18669	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	34115	2.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	9474	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	17535	0.258	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	8757	0.124	ng/ul#	92
7) 2-Methylnaphthalene	12.400	142	6401	0.154	ng/ul	98
8) 1-Methylnaphthalene	12.620	142	4414	0.106	ng/ul	99
10) Acenaphthylene	14.295	152	9510	0.131	ng/ul#	92
11) Acenaphthene	14.637	153	4197	0.069	ng/ul	95
12) Fluorene	15.623	166	4205	0.064	ng/ul#	95
15) Phenanthrene	17.362	178	121710	1.235	ng/ul	99
16) Anthracene	17.455	178	16755	0.202	ng/ul	96
19) Fluoranthene	19.380	202	295363	3.285	ng/ul	98
20) Pyrene	19.742	202	234765	2.435	ng/ul	98
21) Benzo(a)anthracene	21.486	228	109410	1.528	ng/ul	97
22) Chrysene	21.541	228	131040	1.604	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	198581	2.749	ng/ul	96
25) Benzo(k)fluoranthene	23.219	252	68848m	0.967	ng/ul	
26) Benzo(a)pyrene	23.809	252	120962	1.859	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.427	276	113927	1.257	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.430	278	26154	0.369	ng/ul#	77
29) Benzo(g,h,i)perylene	27.202	276	103683	1.305	ng/ul	99

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

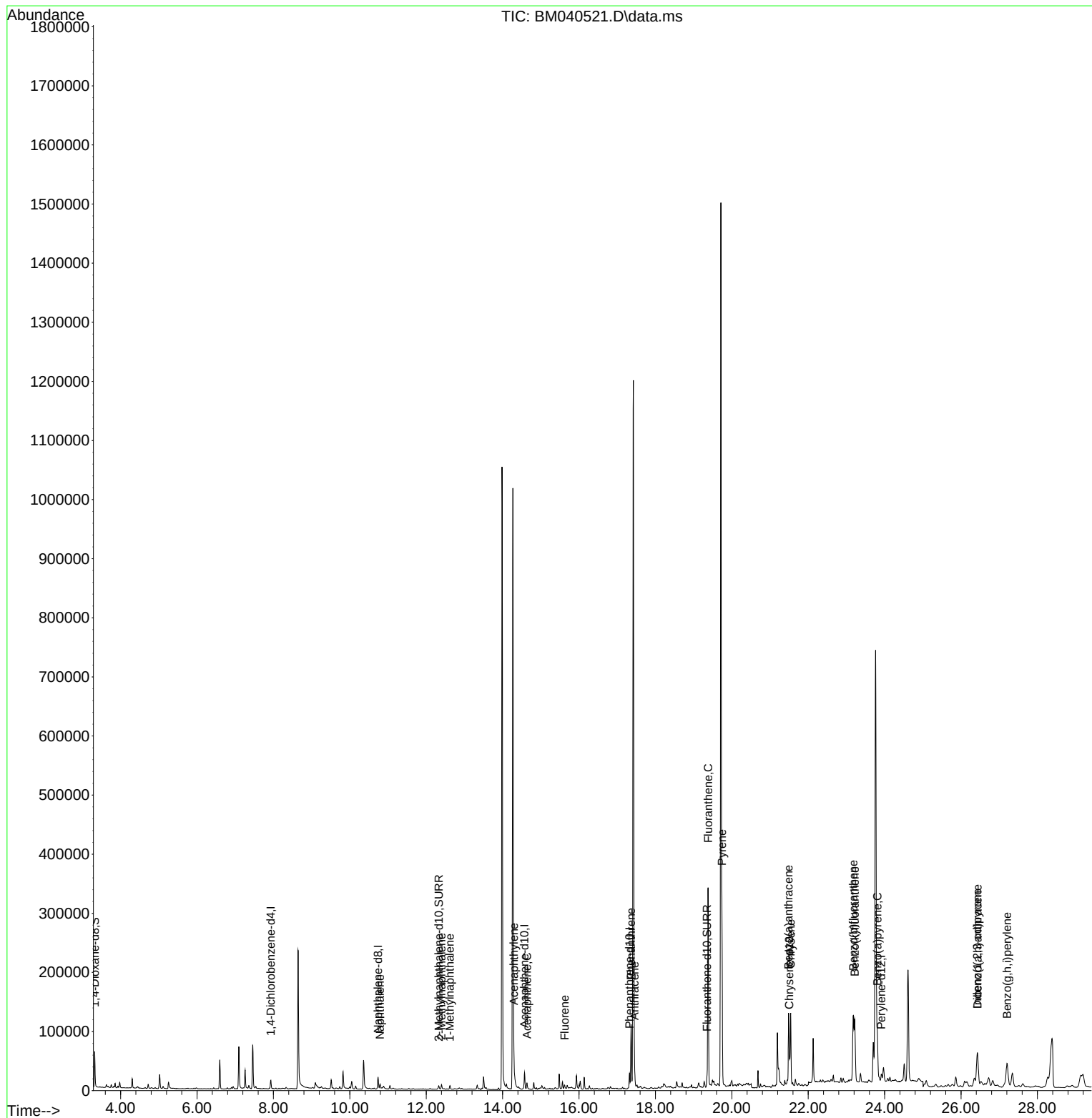
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040521.D
Acq On : 02 Jul 2023 02:41
Operator : MA/JU
Sample : 03242-10
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ALS Vial : 27 Sample Multiplier: 1

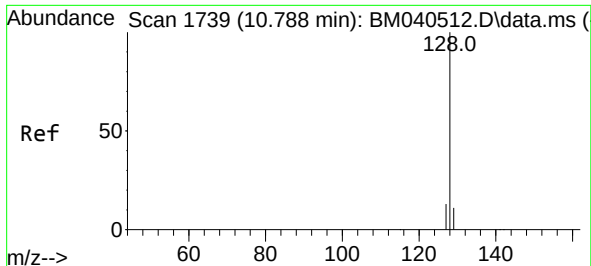
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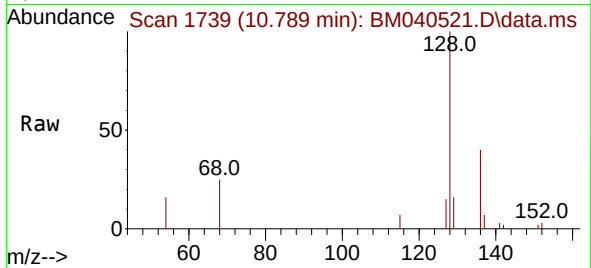
Quant Time: Jul 02 05:17:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

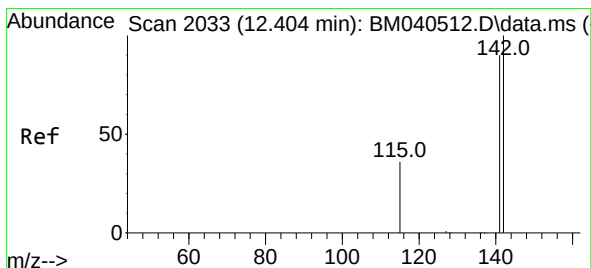
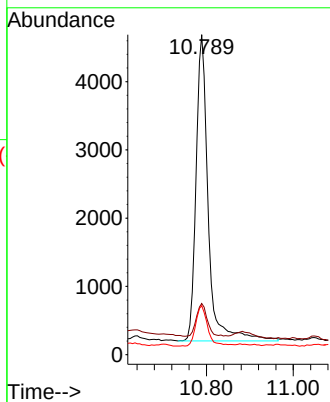
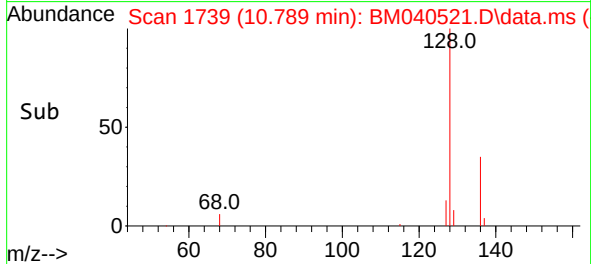
Instrument :
BNA_M
ClientSampleId :
DCGB1



Tgt Ion:128 Resp: 875
Ion Ratio Lower Upper
128 100
129 16.0 9.2 13.8
127 15.3 10.6 15.8

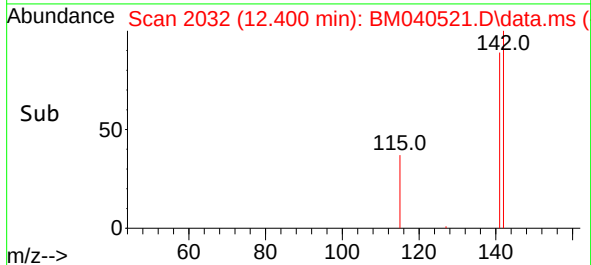
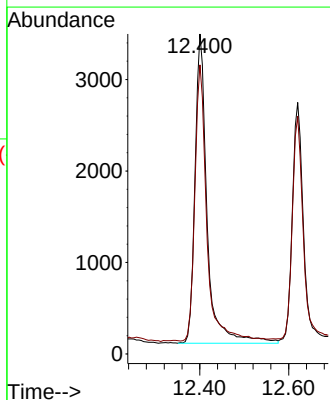
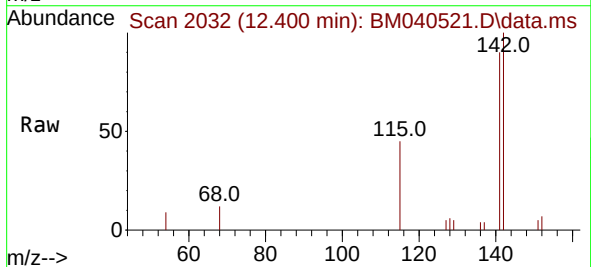
Manual Integrations
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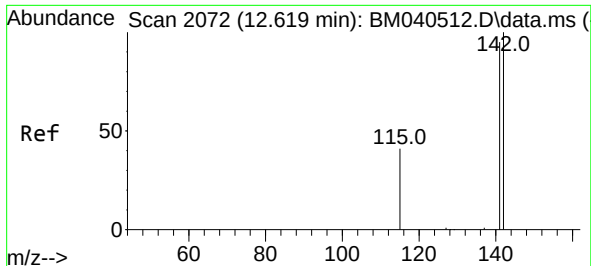
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

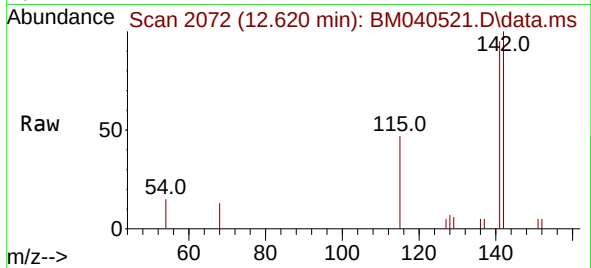
Tgt Ion:142 Resp: 6401
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

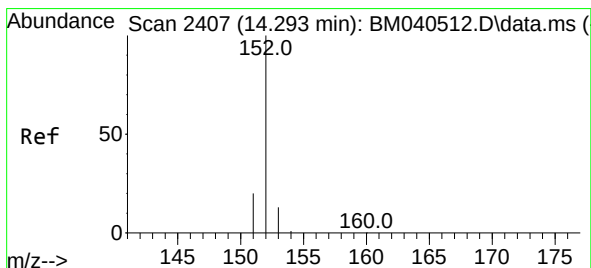
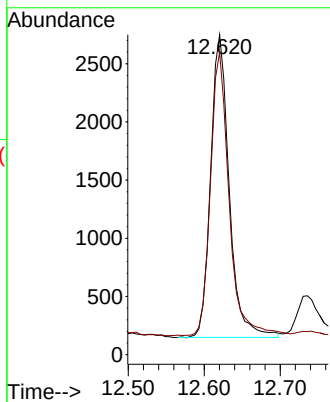
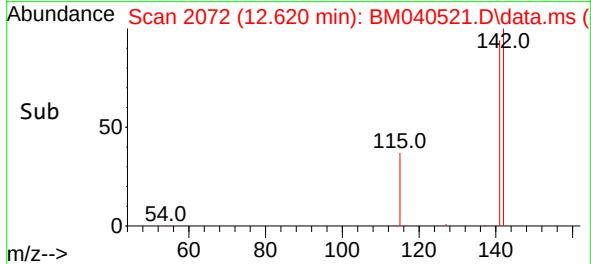
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 4414
Ion Ratio Lower Upper
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141 93.0 73.7 110.5

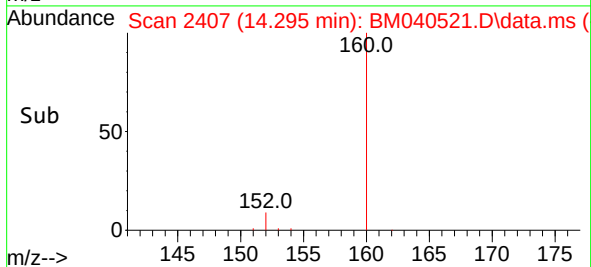
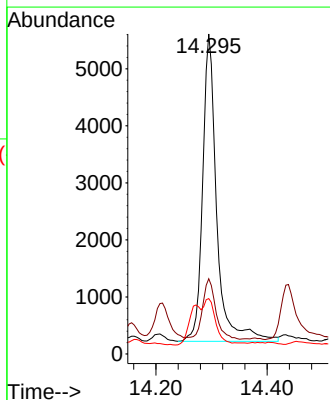
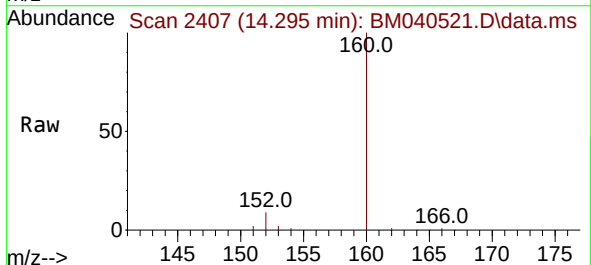
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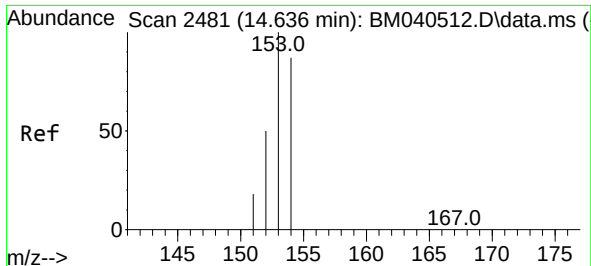
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.131 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

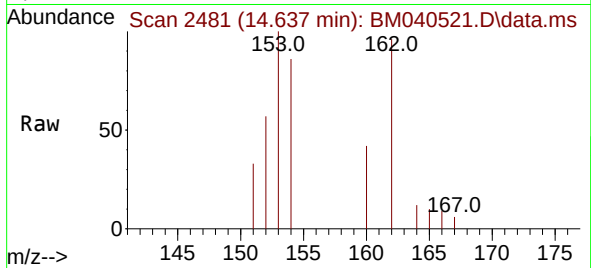
Tgt Ion:152 Resp: 9510
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 17.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

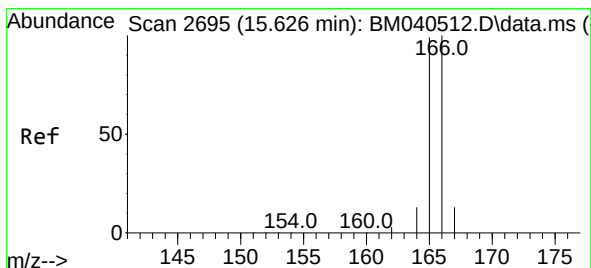
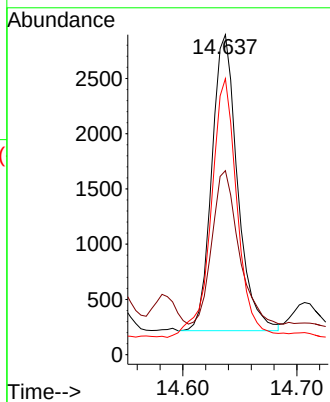
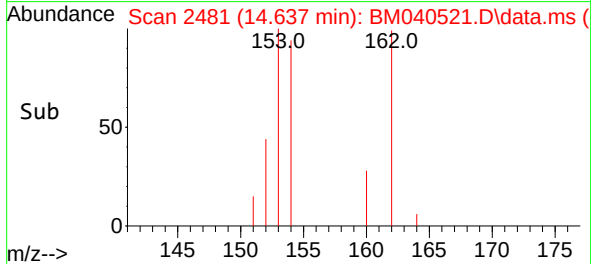
Instrument :
BNA_M
ClientSampleId :
DCGB1



Tgt Ion:153 Resp: 419
Ion Ratio Lower Upper
153 100
152 57.5 41.0 61.4
154 86.3 70.8 106.2

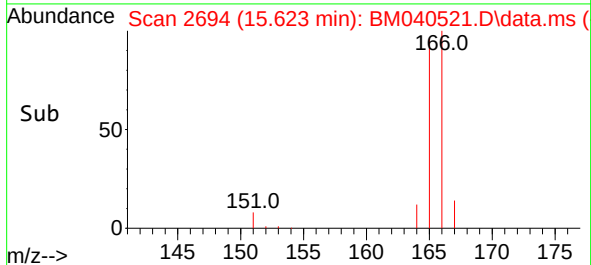
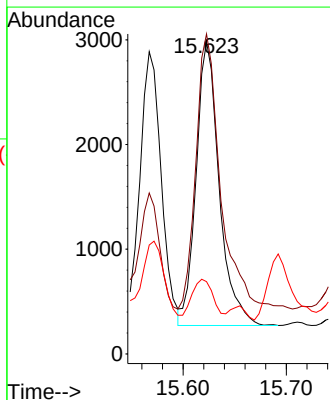
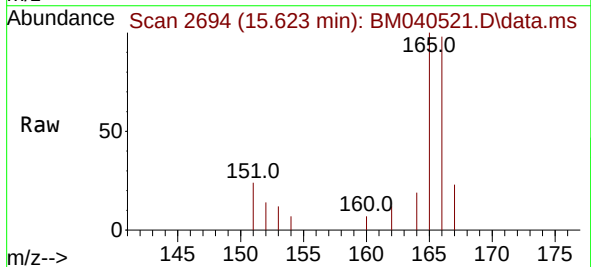
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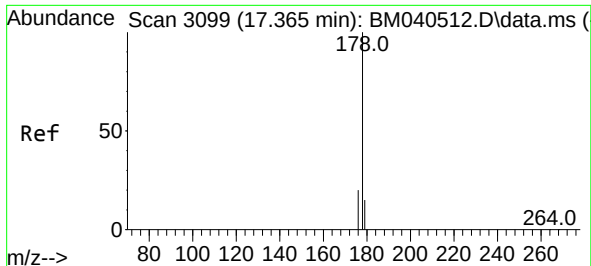
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

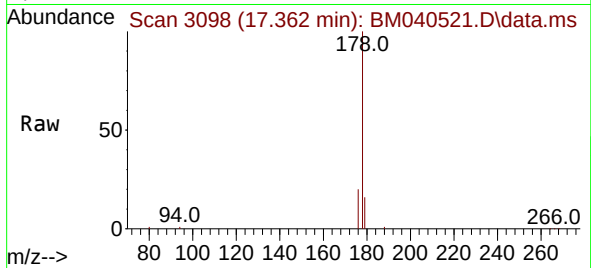
Tgt Ion:166 Resp: 4205
Ion Ratio Lower Upper
166 100
165 102.5 79.6 119.4
167 23.2 11.4 17.0#





#15
Phenanthrene
Concen: 1.235 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

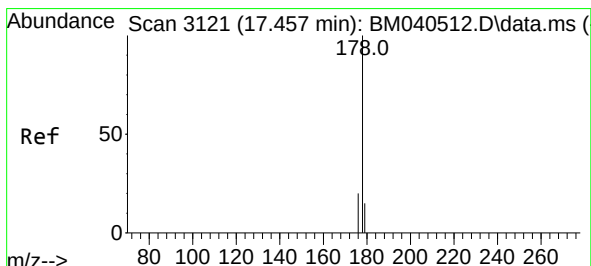
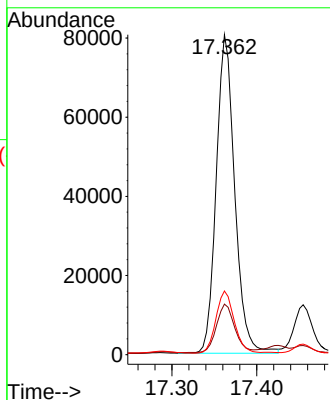
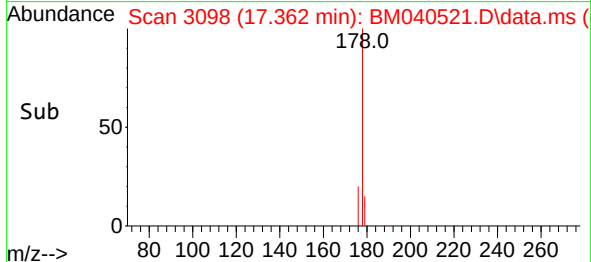
Instrument :
BNA_M
ClientSampleId :
DCGB1



Tgt Ion:178 Resp: 121710
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.9 16.4 24.6

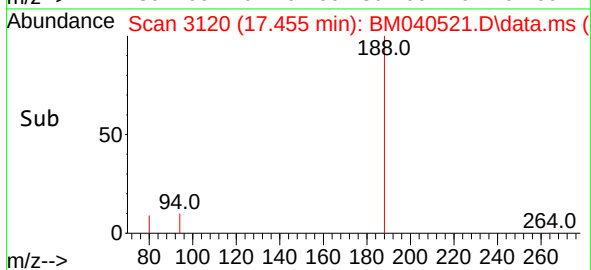
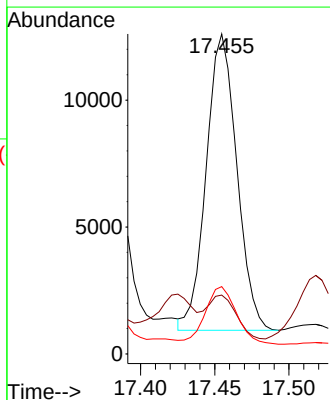
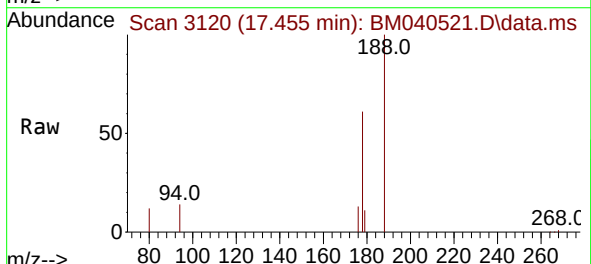
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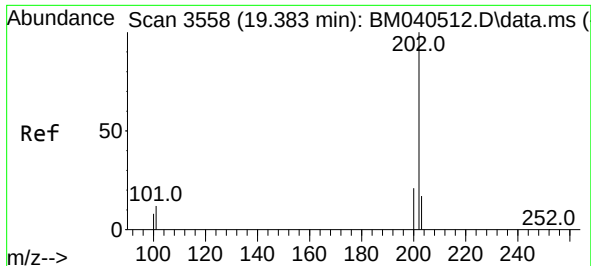
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.202 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

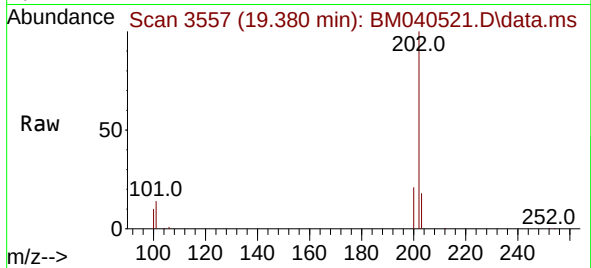
Tgt Ion:178 Resp: 16755
Ion Ratio Lower Upper
178 100
179 18.4 12.9 19.3
176 21.0 15.8 23.6





#19
Fluoranthene
Concen: 3.285 ng/u1
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

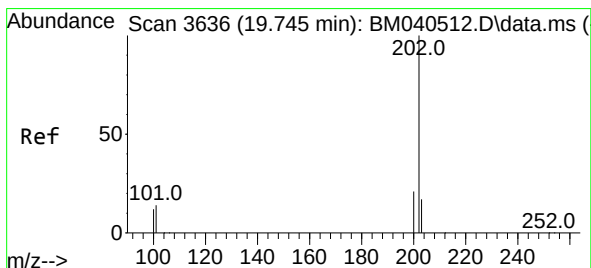
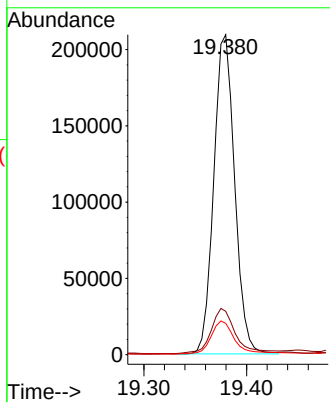
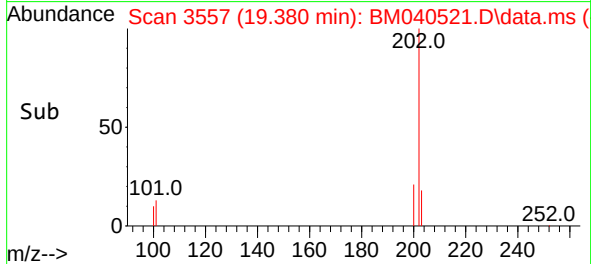
Instrument :
BNA_M
ClientSampleId :
DCGB1



Tgt Ion:202 Resp: 29536
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 9.8 8.7 13.1

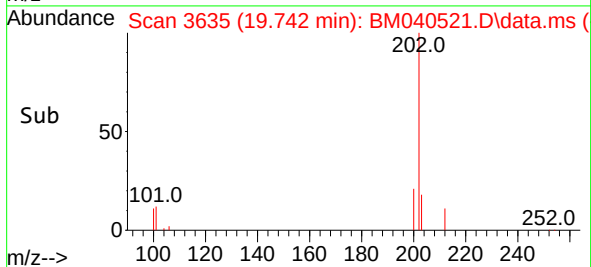
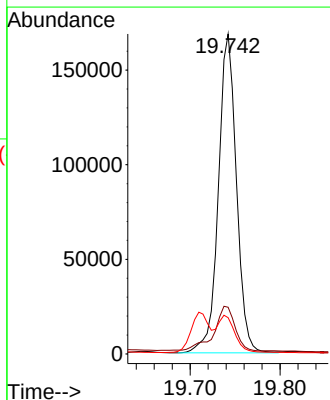
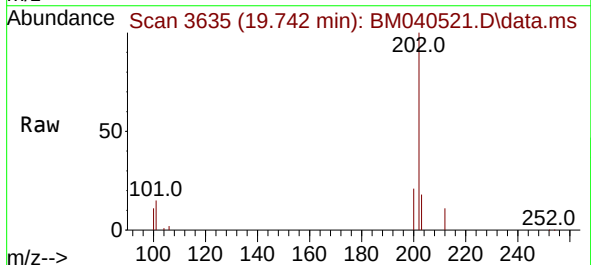
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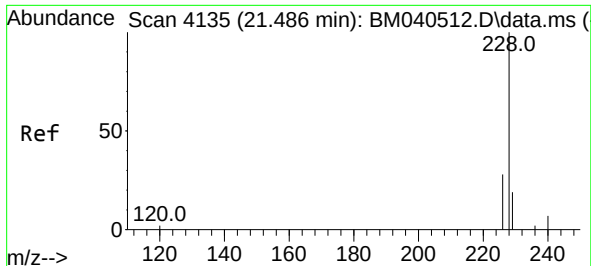
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 2.435 ng/u1
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

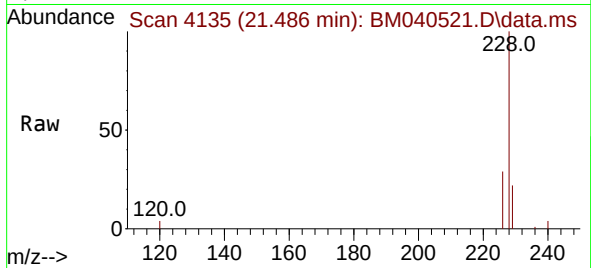
Tgt Ion:202 Resp: 234765
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.528 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

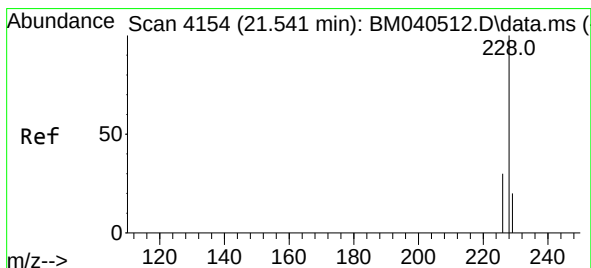
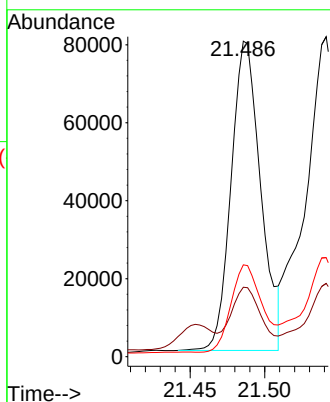
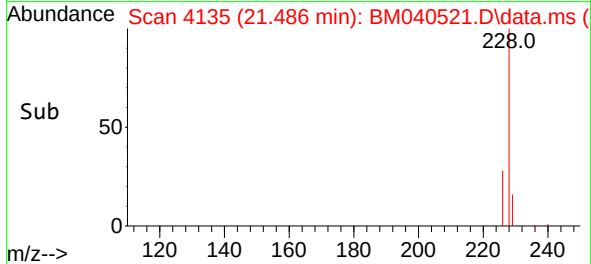
Instrument :
BNA_M
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DCGB1



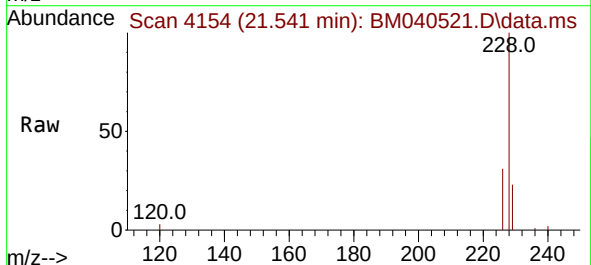
Tgt Ion:228 Resp: 109410
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 29.1 22.3 33.5

Manual Integrations
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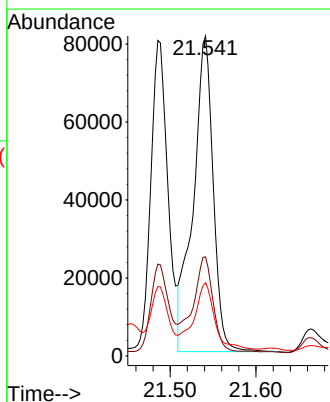
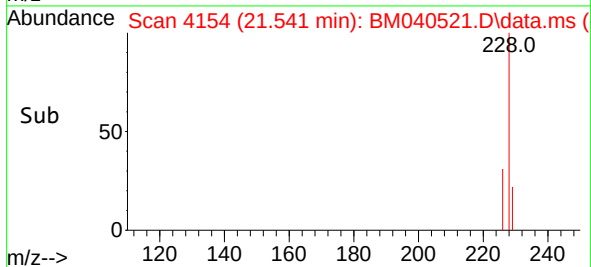
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

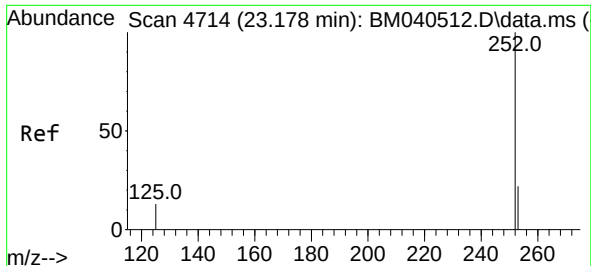


#22
Chrysene
Concen: 1.604 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41



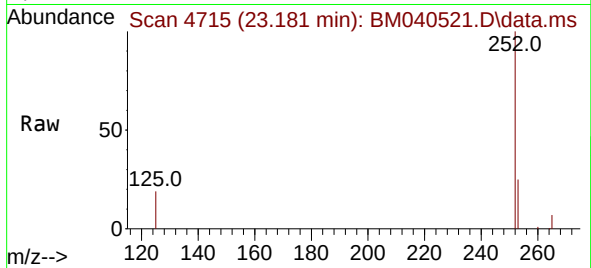
Tgt Ion:228 Resp: 131040
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.749 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

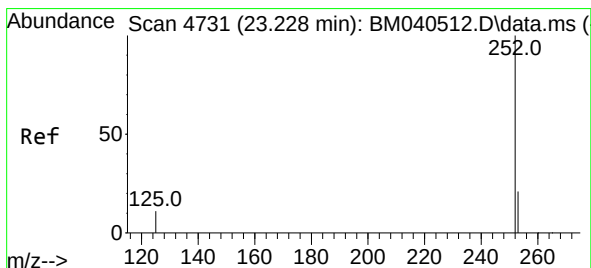
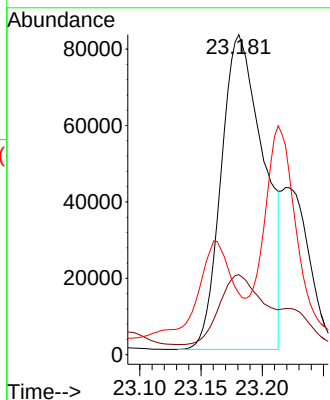
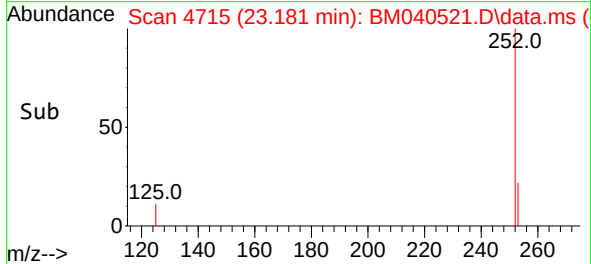
Instrument :
BNA_M
ClientSampleId :
DCGB1



Tgt Ion:252 Resp: 19858
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 19.1 0.0 43.0

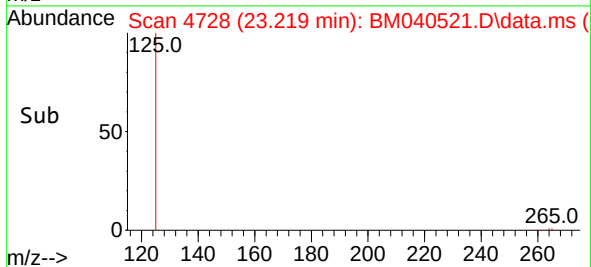
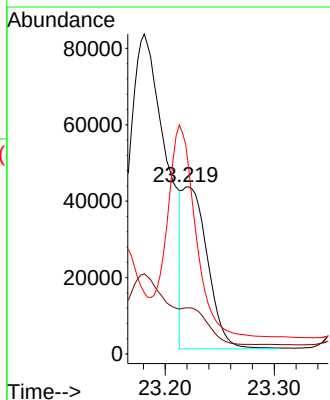
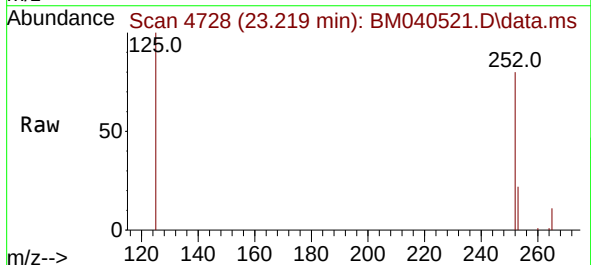
Manual Integrations
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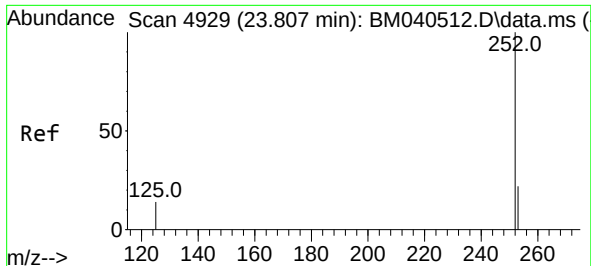
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 0.967 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

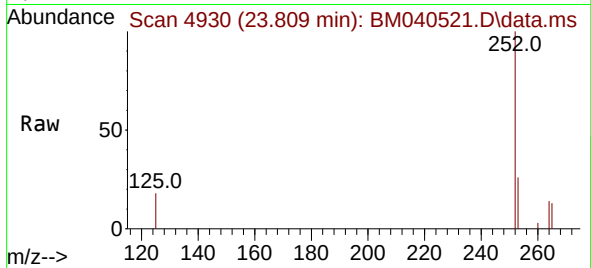
Tgt Ion:252 Resp: 68848
Ion Ratio Lower Upper
252 100
253 27.6 21.2 31.8
125 125.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.859 ng/ul
RT: 23.809 min Scan# 4929
Delta R.T. -0.003 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

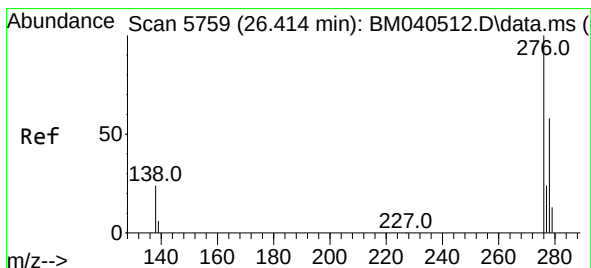
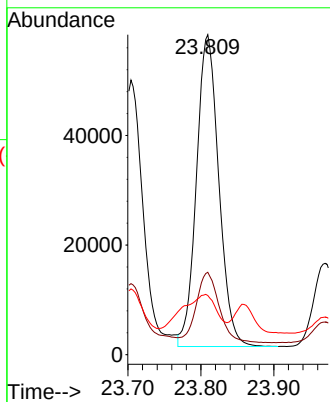
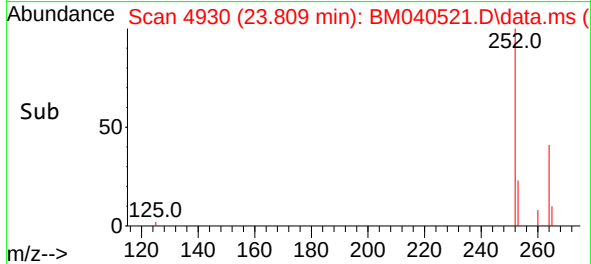
Instrument :
BNA_M
ClientSampleId :
DCGB1



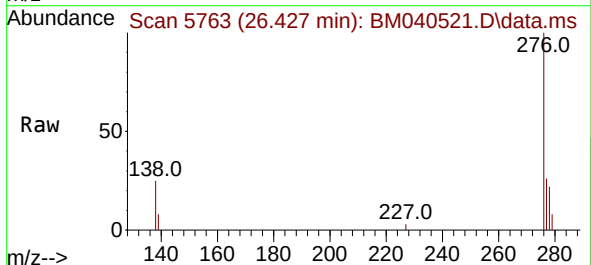
Tgt Ion:252 Resp: 120962
Ion Ratio Lower Upper
252 100
253 25.8 22.9 34.3
125 18.5 21.0 31.4

Manual Integrations
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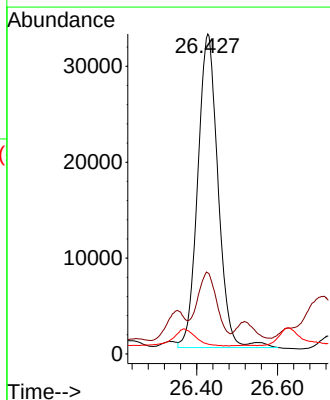
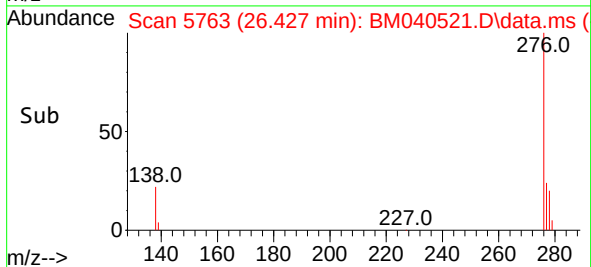
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

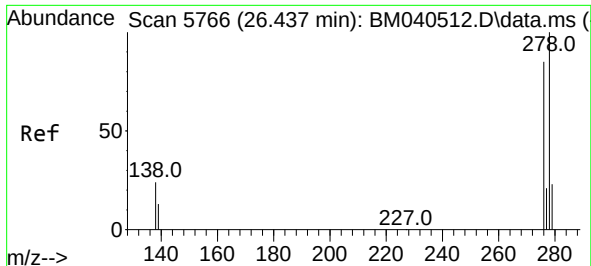


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.257 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. 0.007 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41



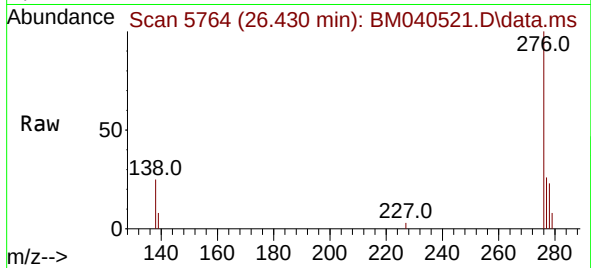
Tgt Ion:276 Resp: 113927
Ion Ratio Lower Upper
276 100
138 20.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.430 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

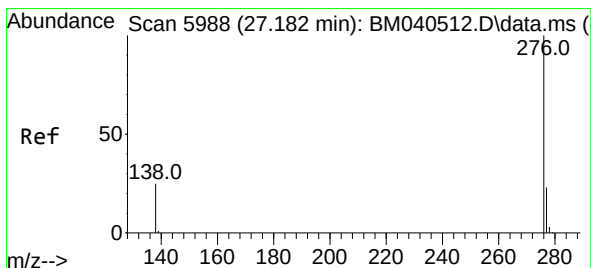
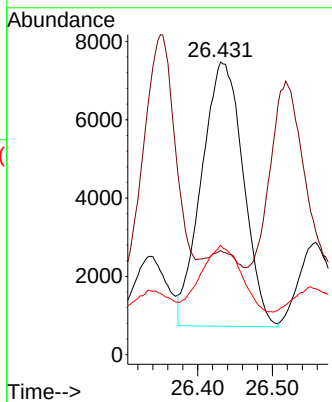
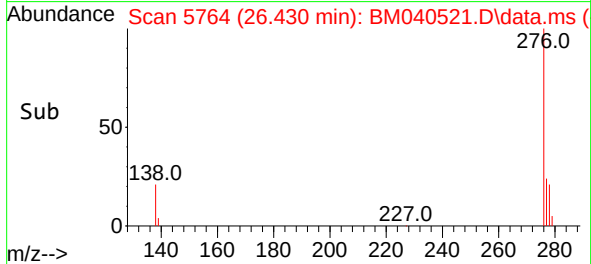
Instrument :
BNA_M
ClientSampleId :
DCGB1



Tgt Ion:278 Resp: 26154
Ion Ratio Lower Upper
278 100
139 35.5 17.9 26.9
279 37.4 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 1.305 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:276 Resp: 103683
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.6
277 25.3 20.3 30.5

