

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040942.D
 Acq On : 18 Jul 2023 03:27
 Operator : MA/JU
 Sample : 03458-25
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L5

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 04:43:01 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	7.849	152	7750	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.653	136	17984	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	7922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	15431	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.445	240	12518	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	14108	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22016	1.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	3759	0.149	ng/ul	-0.02
18) Fluoranthene-d10	19.283	212	5692	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	141839	2.859	ng/ul	99
7) 2-Methylnaphthalene	12.319	142	28271	0.970	ng/ul	100
8) 1-Methylnaphthalene	12.539	142	17320	0.595	ng/ul	98
10) Acenaphthylene	14.217	152	20146	0.569	ng/ul	97
11) Acenaphthene	14.560	153	236060	7.899	ng/ul	97
12) Fluorene	15.550	166	209474	6.566	ng/ul	99
15) Phenanthrene	17.295	178	2915822	60.832	ng/ul	98
16) Anthracene	17.384	178	492339	12.223	ng/ul	99
19) Fluoranthene	19.315	202	4176423	78.543	ng/ul	94
20) Pyrene	19.678	202	1214143	21.298	ng/ul	96
21) Benzo(a)anthracene	21.428	228	1445931	34.149	ng/ul	99
22) Chrysene	21.480	228	1175580	24.339	ng/ul	97
24) Benzo(b)fluoranthene	23.100	252	1375253	25.189	ng/ul	87
25) Benzo(k)fluoranthene	23.143	252	596406m	11.084	ng/ul	
26) Benzo(a)pyrene	23.713	252	193503	3.935	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.267	276	230933	3.372	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.280	278	155047	2.891	ng/ul	96
29) Benzo(g,h,i)perylene	27.025	276	9149	0.152	ng/ul#	68

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

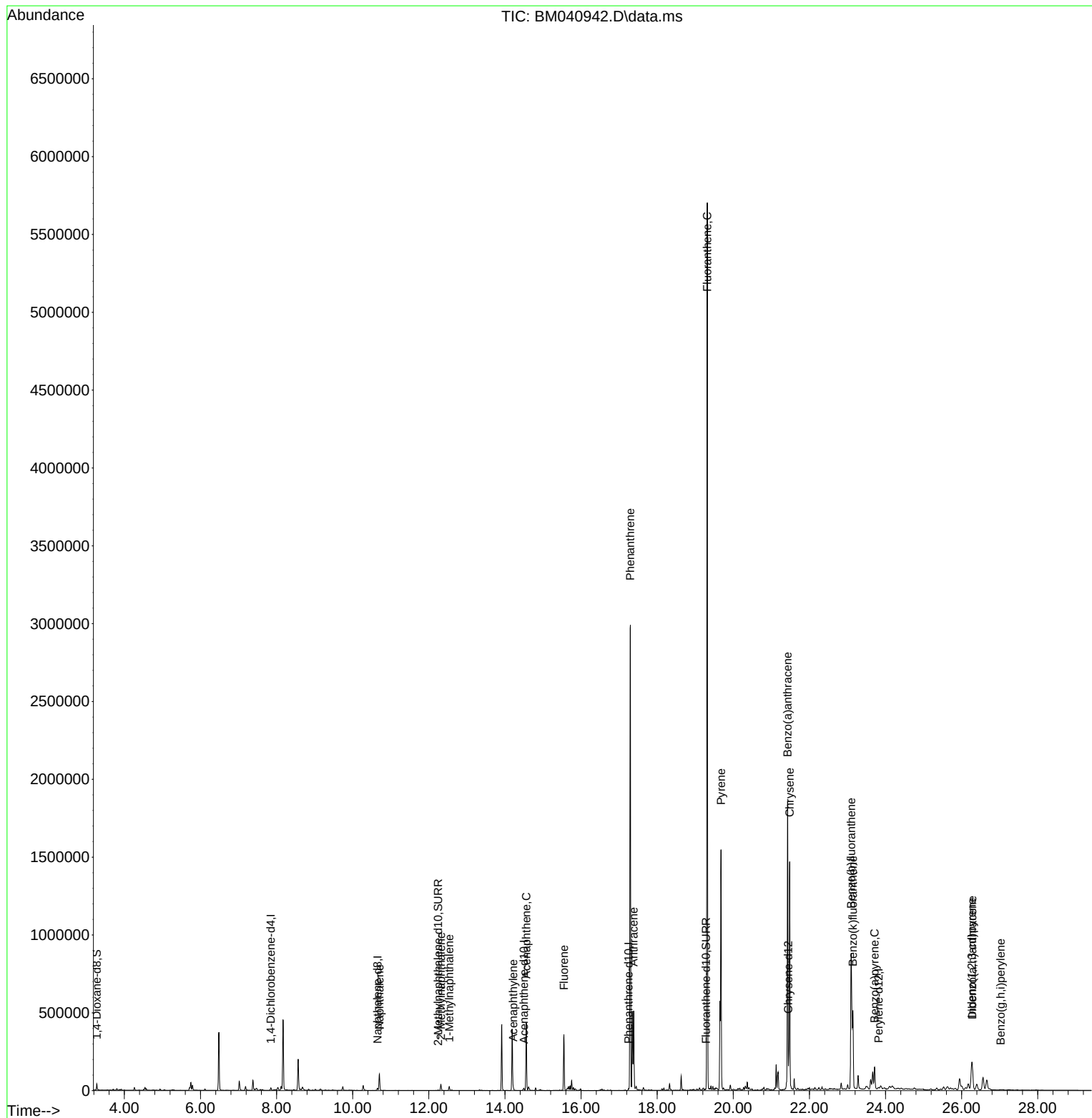
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040942.D
Acq On : 18 Jul 2023 03:27
Operator : MA/JU
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ALS Vial : 27 Sample Multiplier: 1

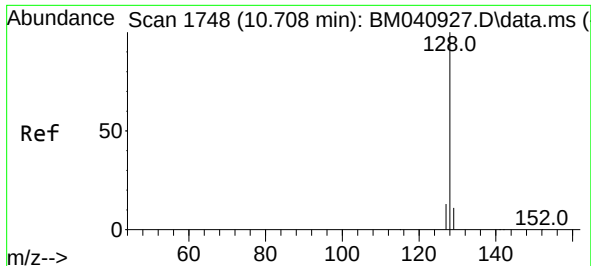
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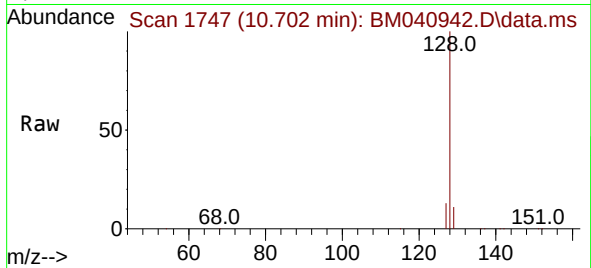
Quant Time: Jul 18 04:43:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.859 ng/ul
RT: 10.702 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

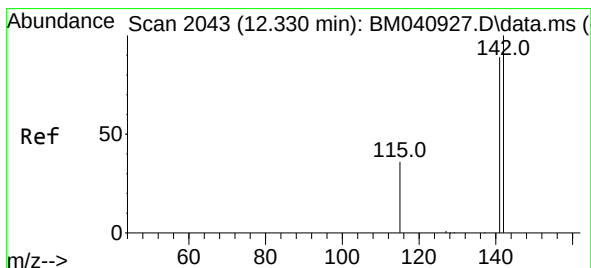
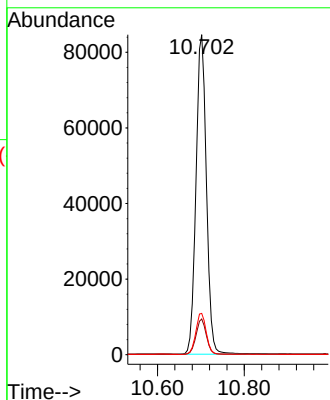
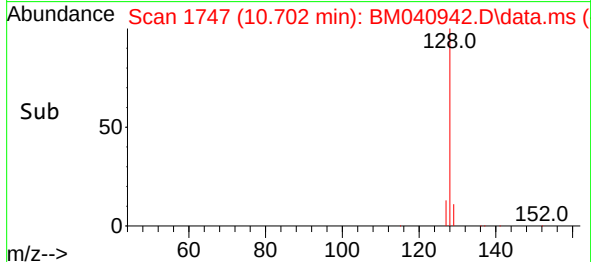
Instrument :
BNA_M
ClientSampleId :
A46L5



Tgt Ion:128 Resp: 141839
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.9 10.6 15.8

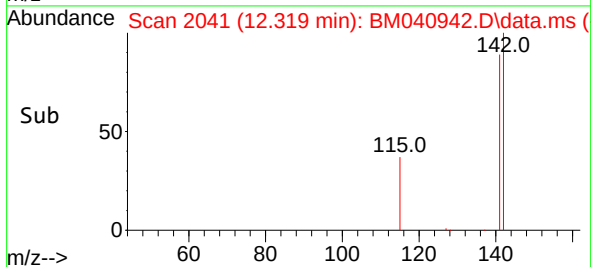
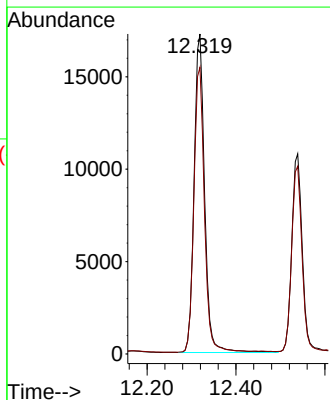
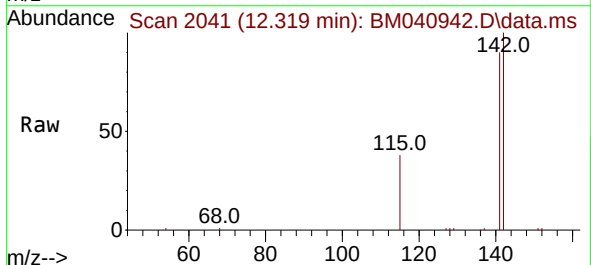
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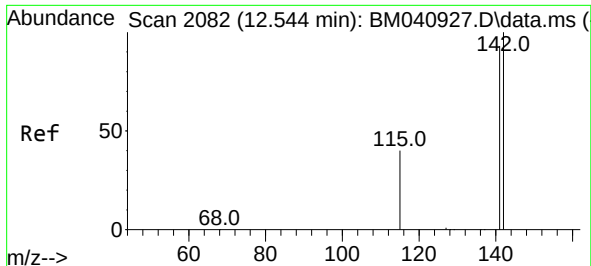
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#7
2-Methylnaphthalene
Concen: 0.970 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

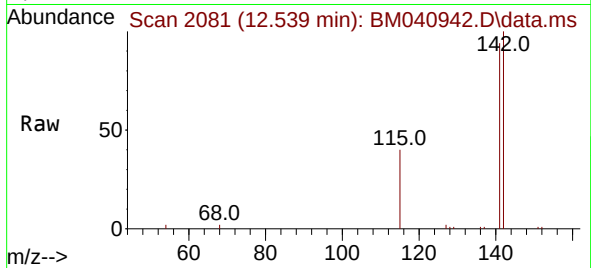
Tgt Ion:142 Resp: 28271
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.595 ng/ul
RT: 12.539 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

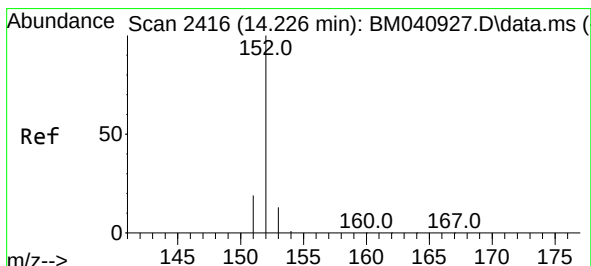
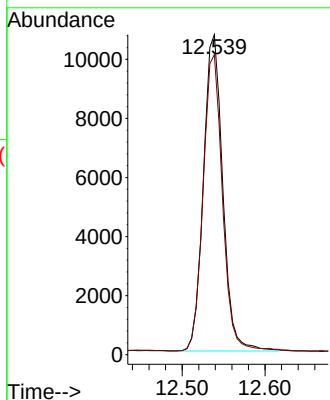
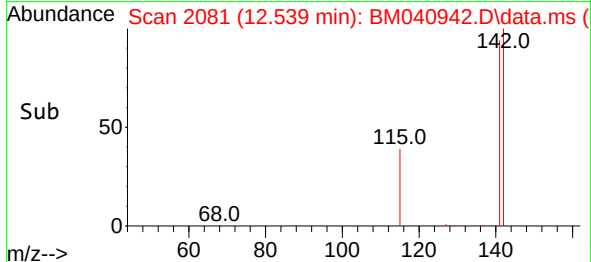
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 17320
Ion Ratio Lower Upper
142 100
141 93.9 73.7 110.5

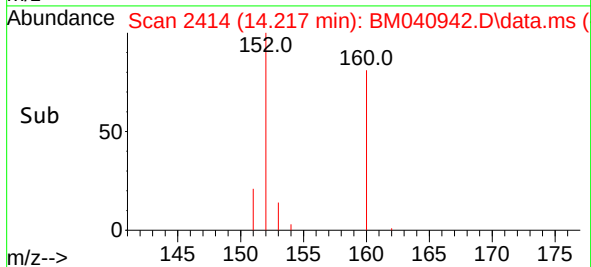
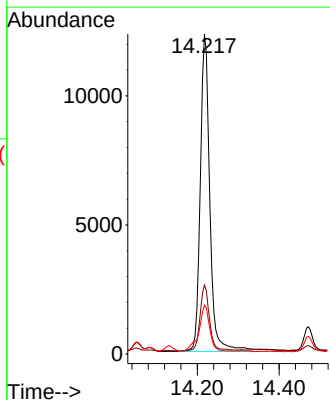
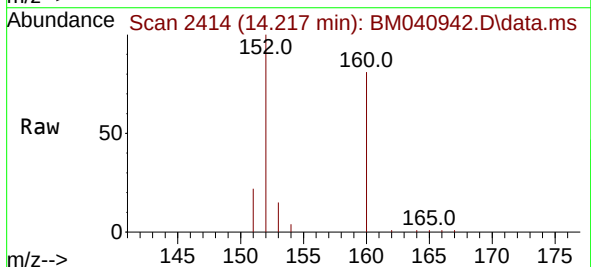
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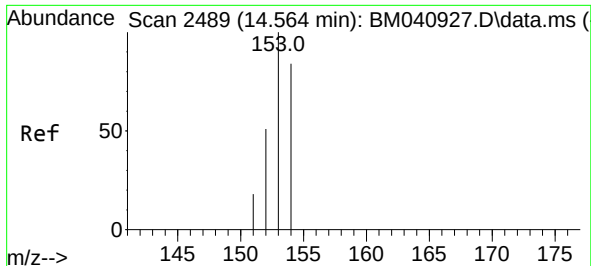
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#10
Acenaphthylene
Concen: 0.569 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.014 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

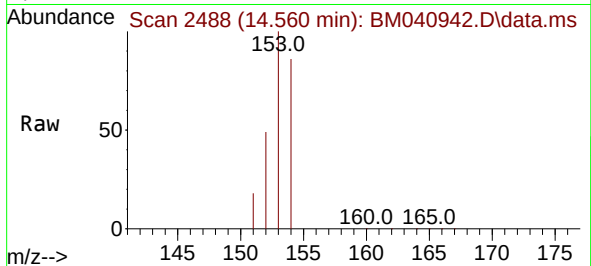
Tgt Ion:152 Resp: 20146
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 7.899 ng/ul
RT: 14.560 min Scan# 2489
Delta R.T. -0.009 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

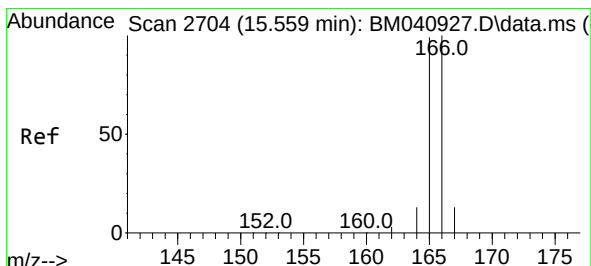
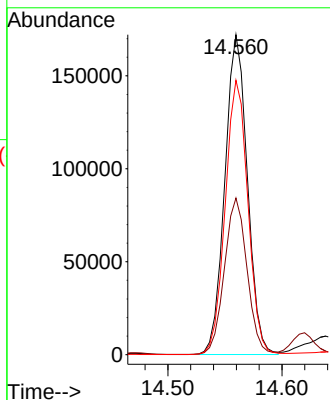
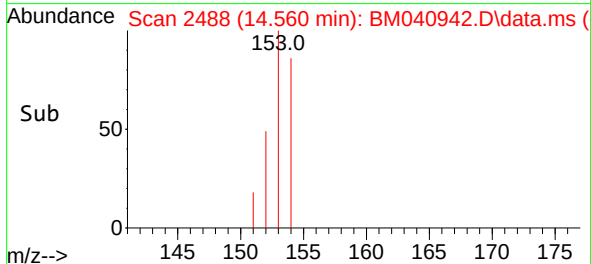
Instrument :
BNA_M
ClientSampleId :
A46L5



Tgt Ion:153 Resp: 236060
Ion Ratio Lower Upper
153 100
152 49.0 41.0 61.4
154 85.8 70.8 106.2

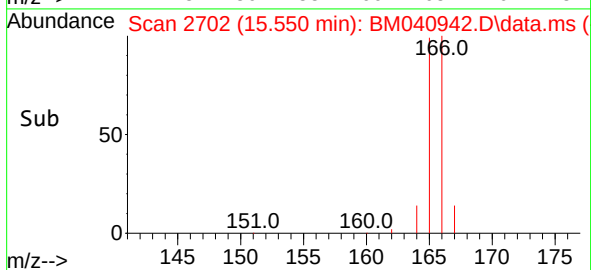
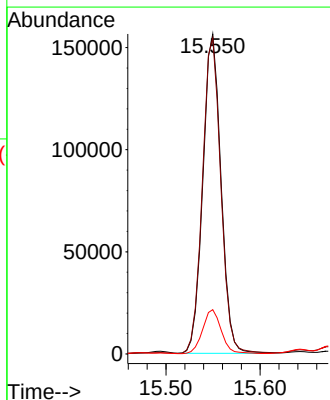
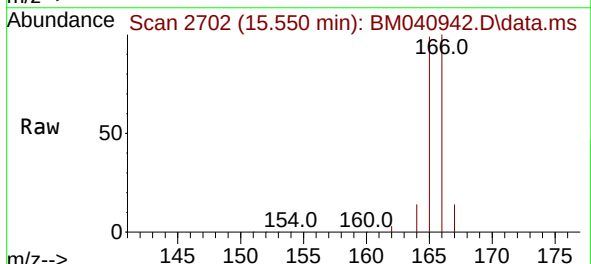
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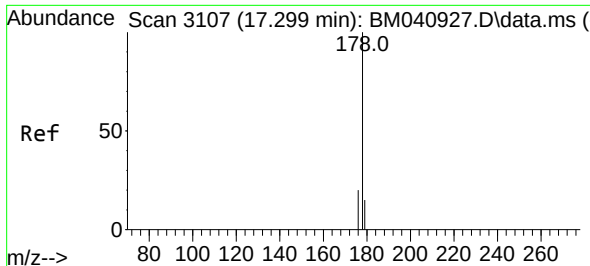
Reviewed By :Yogesh Patel 07/18/2023
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#12
Fluorene
Concen: 6.566 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.009 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

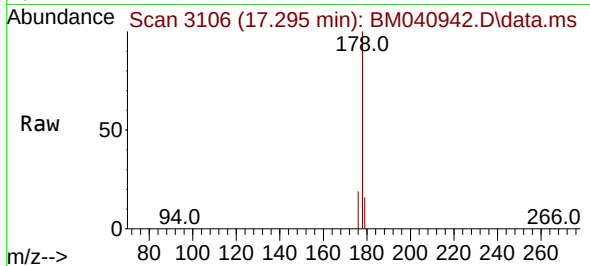
Tgt Ion:166 Resp: 209474
Ion Ratio Lower Upper
166 100
165 98.7 79.6 119.4
167 13.9 11.4 17.0





#15
Phenanthrene
Concen: 60.832 ng/ul
RT: 17.295 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

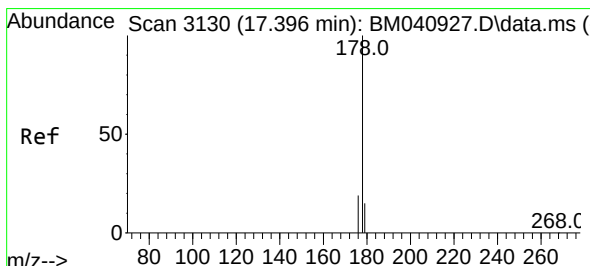
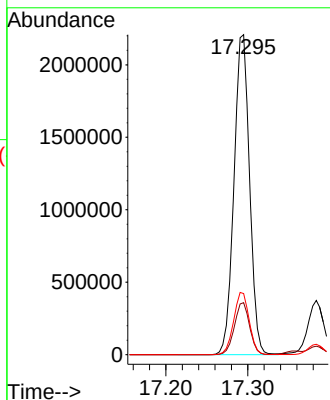
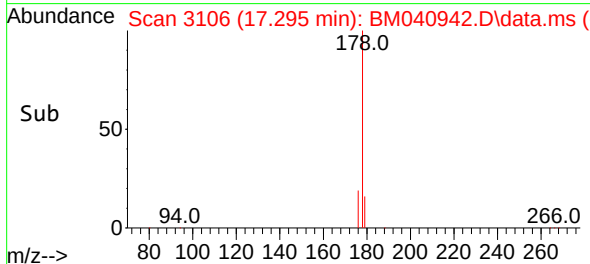
Instrument :
BNA_M
ClientSampleId :
A46L5



Tgt Ion:178 Resp: 291582
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.1 16.4 24.6

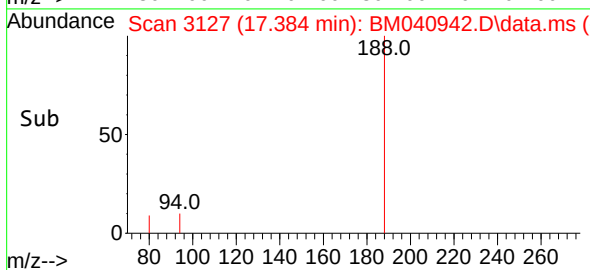
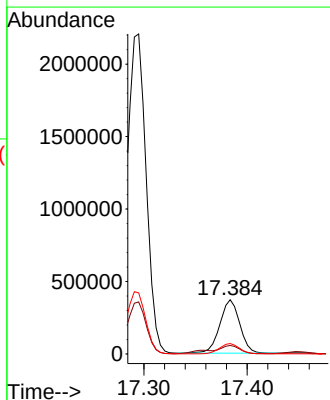
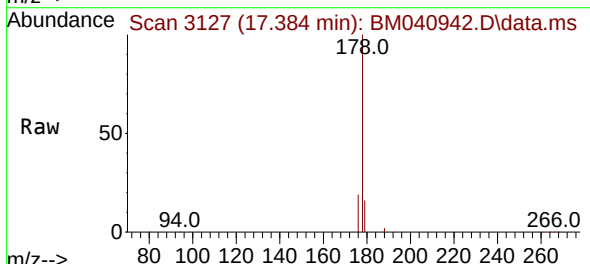
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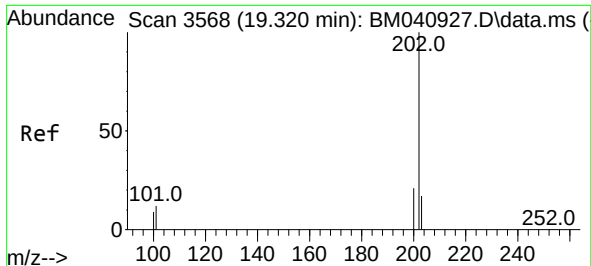
Reviewed By :Yogesh Patel 07/18/2023
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#16
Anthracene
Concen: 12.223 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

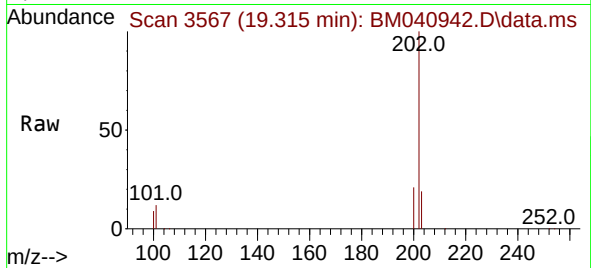
Tgt Ion:178 Resp: 492339
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.1 15.8 23.6





#19
Fluoranthene
Concen: 78.543 ng/u1
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

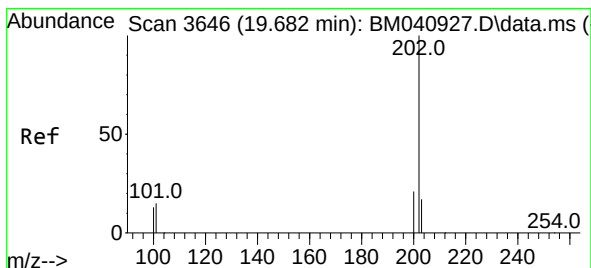
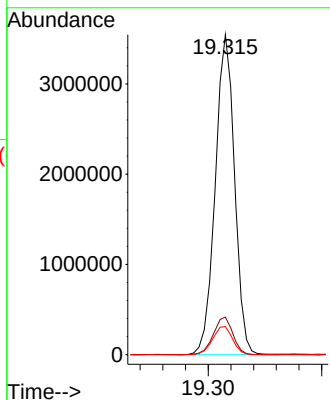
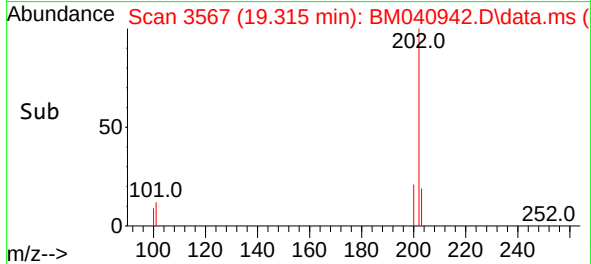
Instrument :
BNA_M
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A46L5



Tgt Ion:202 Resp: 417642
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 8.8 8.7 13.1

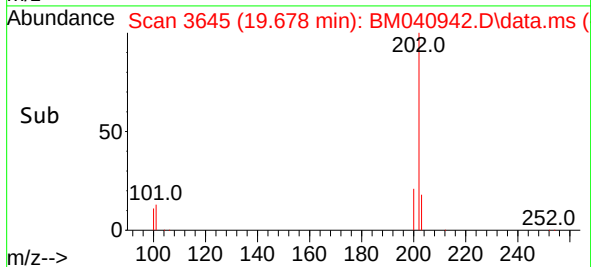
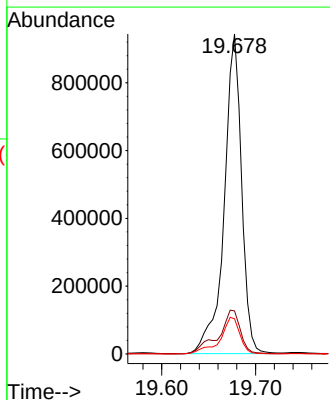
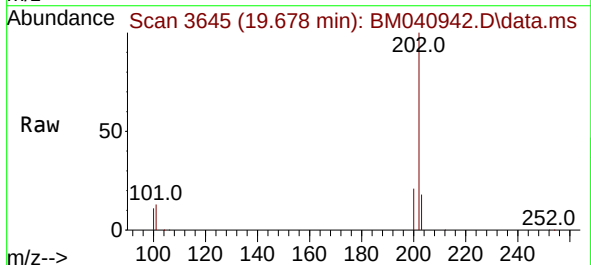
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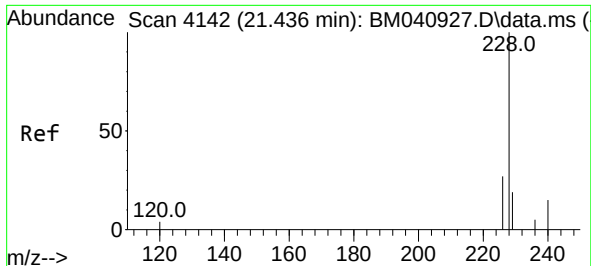
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#20
Pyrene
Concen: 21.298 ng/u1
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

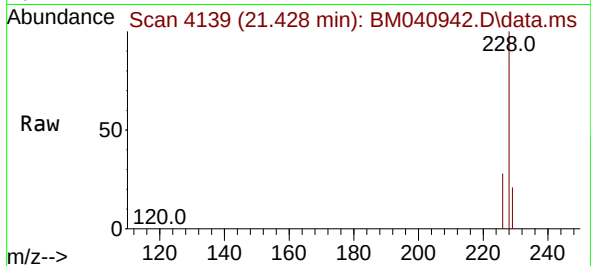
Tgt Ion:202 Resp: 1214143
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 34.149 ng/ul
RT: 21.428 min Scan# 4119
Delta R.T. -0.006 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

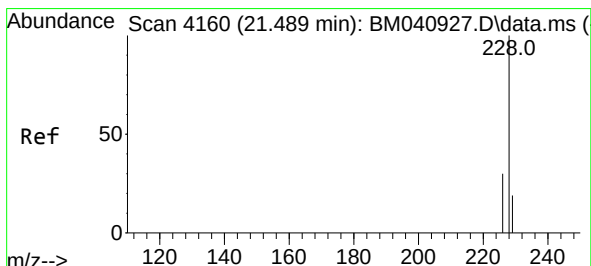
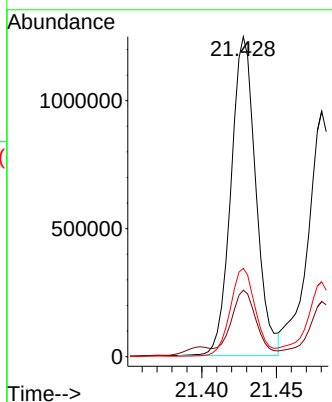
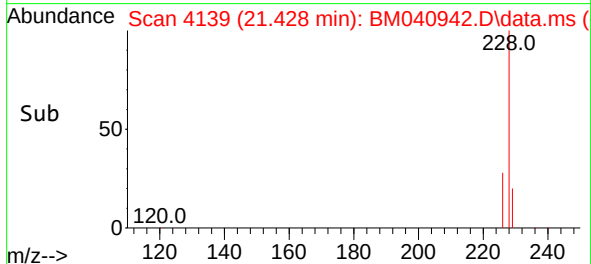
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Tgt Ion:228 Resp: 144593
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 27.6 22.3 33.5

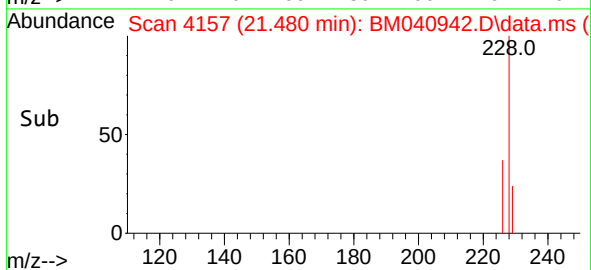
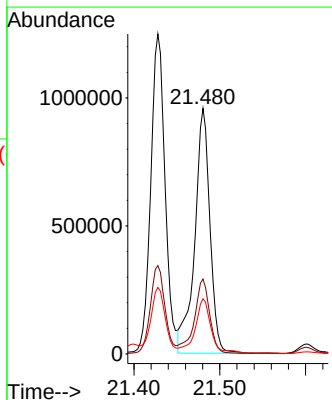
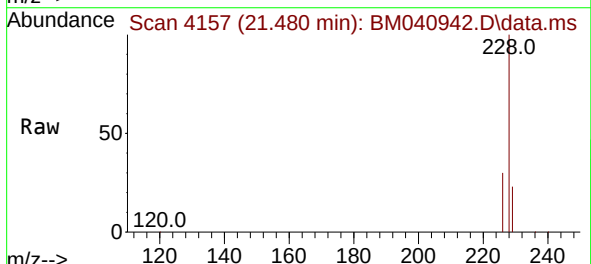
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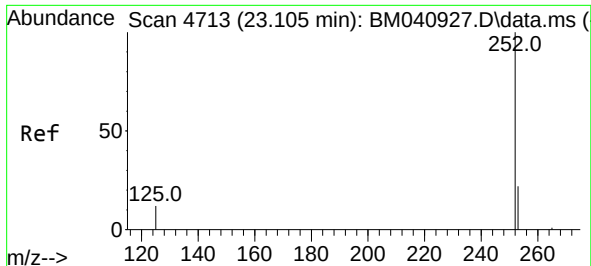
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#22
Chrysene
Concen: 24.339 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

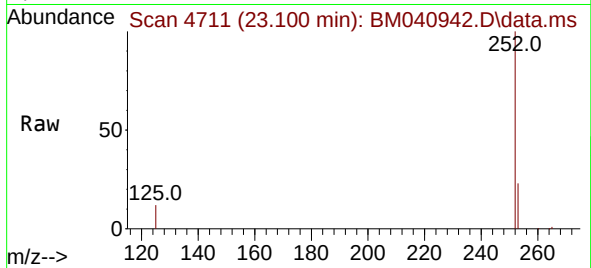
Tgt Ion:228 Resp: 1175580
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 25.189 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

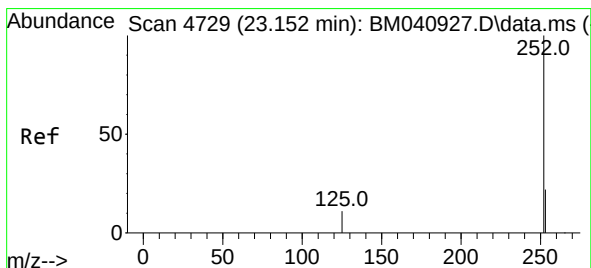
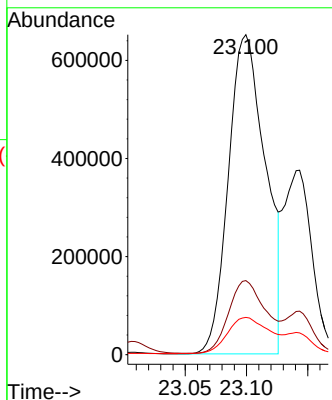
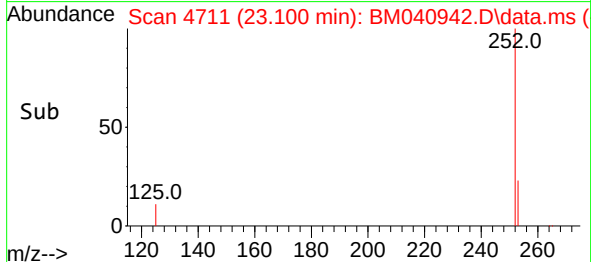
Instrument :
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Tgt Ion:252 Resp: 137525
Ion Ratio Lower Upper
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253 23.1 0.0 52.8
125 11.7 0.0 43.0

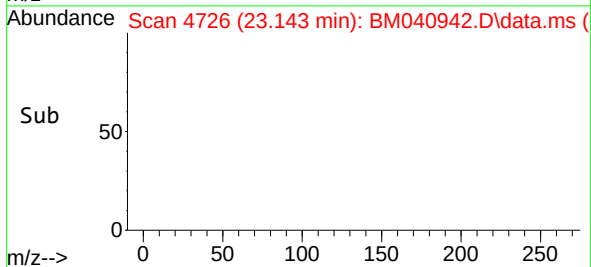
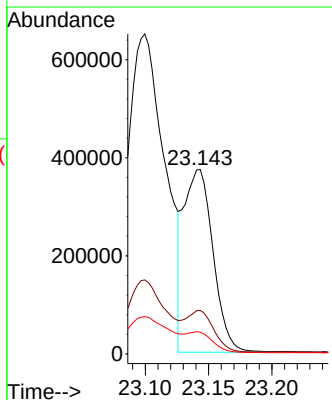
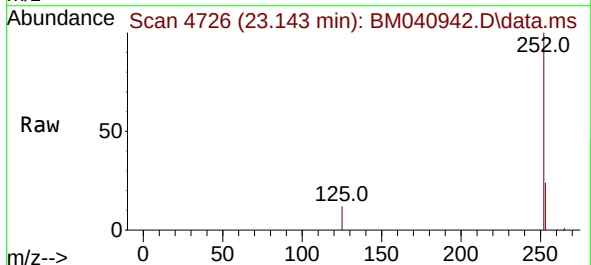
Manual Integrations
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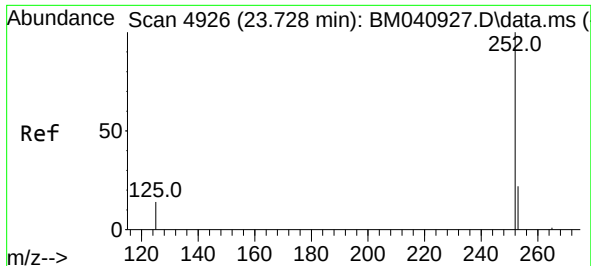
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#25
Benzo(k)fluoranthene
Concen: 11.084 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

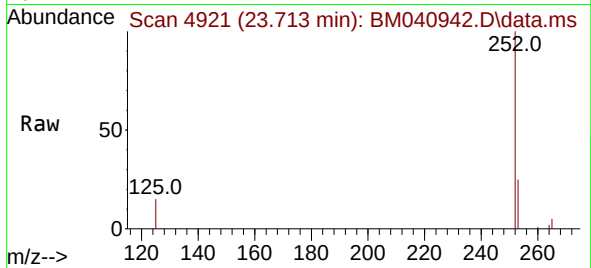
Tgt Ion:252 Resp: 596406
Ion Ratio Lower Upper
252 100
253 23.6 21.2 31.8
125 11.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 3.935 ng/ul
RT: 23.713 min Scan# 4926
Delta R.T. -0.009 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

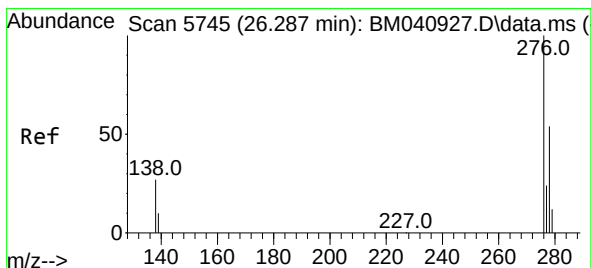
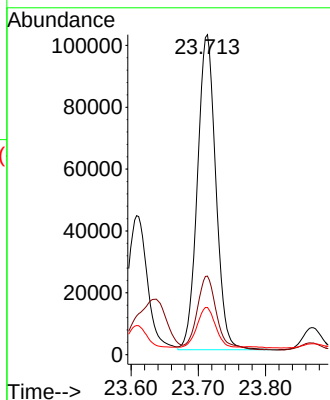
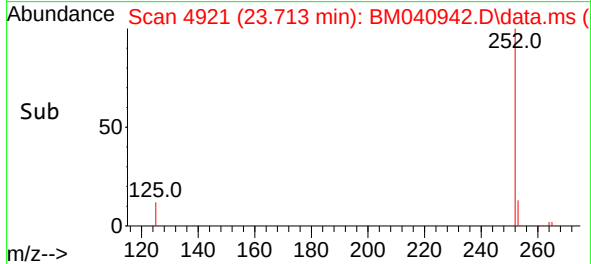
Instrument :
BNA_M
ClientSampleId :
A46L5



Tgt Ion:252 Resp: 19350
Ion Ratio Lower Upper
252 100
253 24.6 22.9 34.3
125 14.7 21.0 31.4

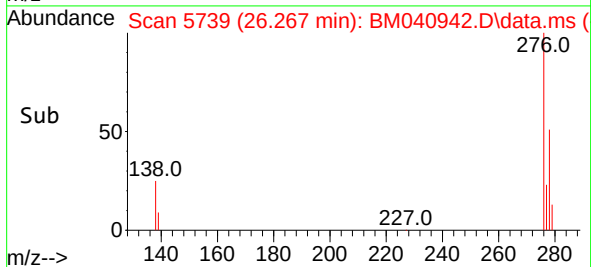
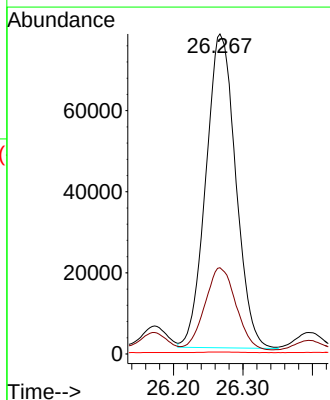
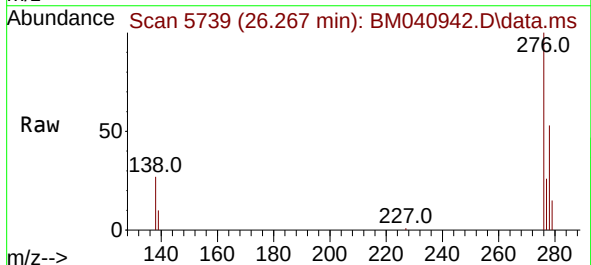
Manual Integrations
APPROVED

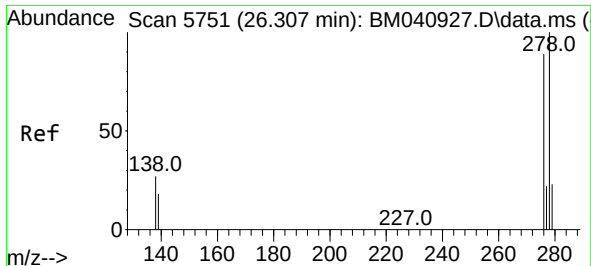
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.372 ng/ul
RT: 26.267 min Scan# 5739
Delta R.T. -0.023 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

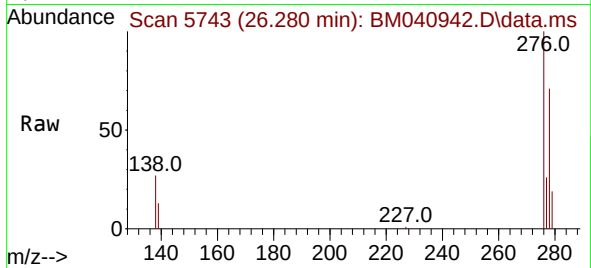
Tgt Ion:276 Resp: 230933
Ion Ratio Lower Upper
276 100
138 27.2 24.5 36.7
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.891 ng/ul
RT: 26.280 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

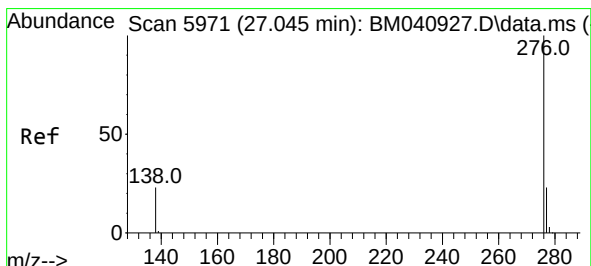
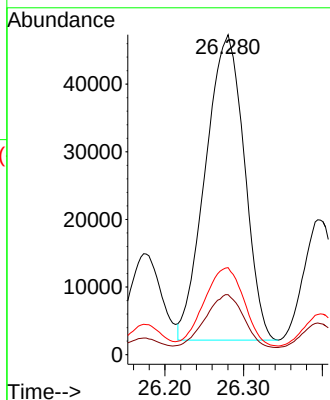
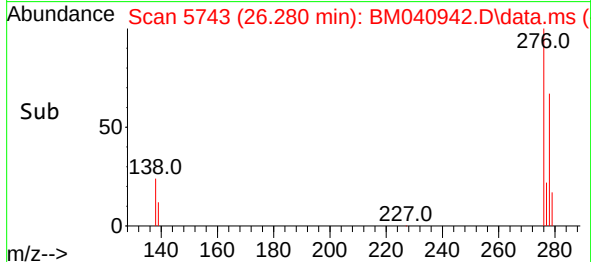
Instrument :
BNA_M
ClientSampleId :
A46L5



Tgt Ion:278 Resp: 15504
Ion Ratio Lower Upper
278 100
139 18.8 17.9 26.9
279 27.2 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 27.025 min Scan# 5965
Delta R.T. -0.020 min
Lab File: BM040942.D
Acq: 18 Jul 2023 03:27

Tgt Ion:276 Resp: 9149
Ion Ratio Lower Upper
276 100
138 44.7 23.0 34.6#
277 43.0 20.3 30.5#

