

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040592.D
 Acq On : 04 Jul 2023 01:41
 Operator : MA/JU
 Sample : 03242-22DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 04:17:37 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	23854	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21621	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13266	0.400	ng/ul	0.00
23) Perylene-d12	23.906	264	12810	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	3862	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1082	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1468	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.628	153	1432	0.033	ng/ul	96
12) Fluorene	15.613	166	2006	0.043	ng/ul#	96
15) Phenanthrene	17.358	178	30724	0.457	ng/ul	99
16) Anthracene	17.446	178	6306	0.112	ng/ul#	90
19) Fluoranthene	19.370	202	35497	0.630	ng/ul	99
20) Pyrene	19.733	202	26493	0.439	ng/ul	98
21) Benzo(a)anthracene	21.480	228	12498	0.279	ng/ul	96
22) Chrysene	21.532	228	12025	0.235	ng/ul#	95
24) Benzo(b)fluoranthene	23.172	252	14628	0.295	ng/ul#	55
25) Benzo(k)fluoranthene	23.210	252	5075m	0.104	ng/ul	
26) Benzo(a)pyrene	23.795	252	8156	0.183	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.407	276	6329	0.102	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.407	278	1633	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	27.175	276	5936	0.109	ng/ul#	76

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

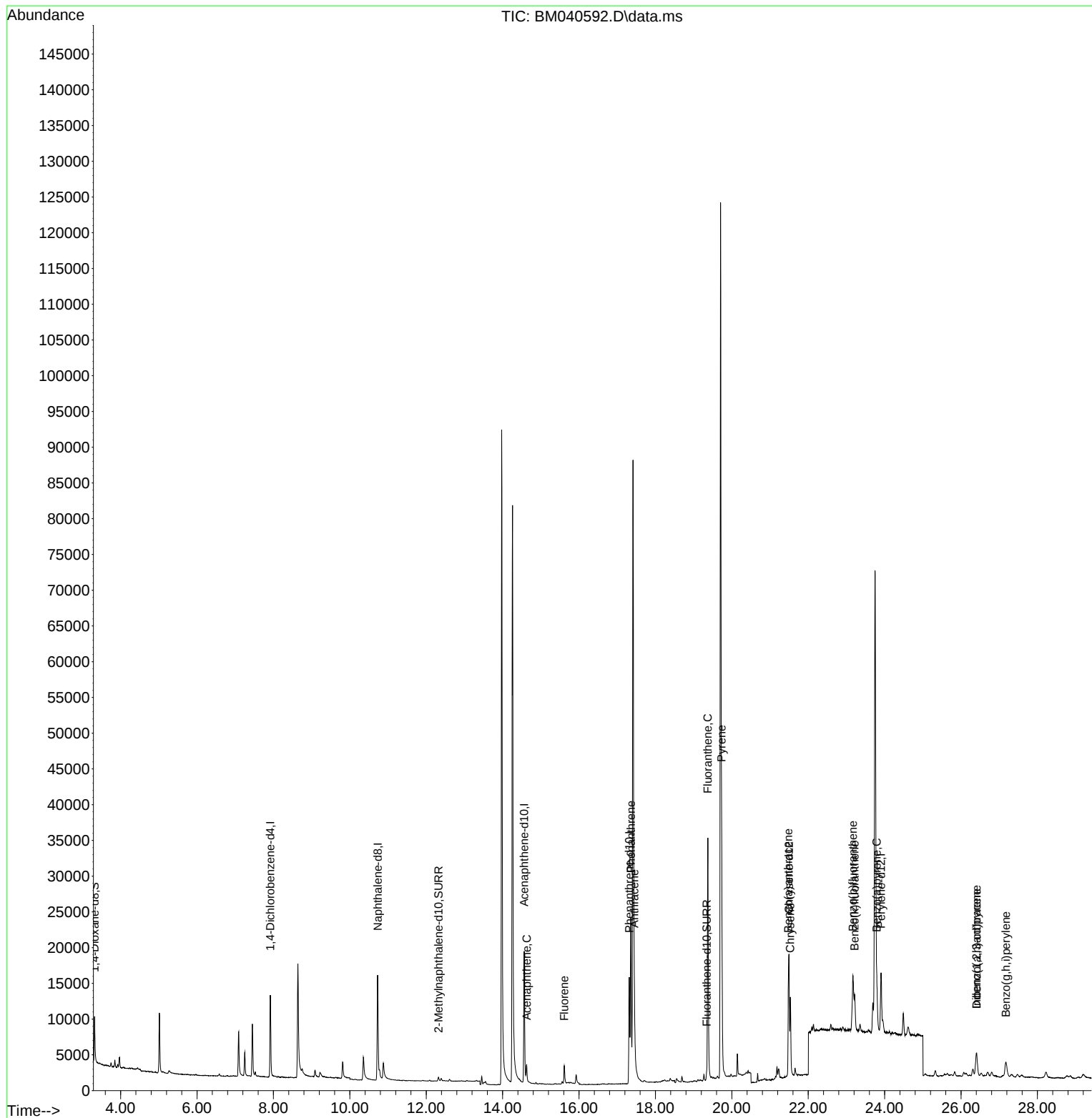
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040592.D
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ALS Vial : 28 Sample Multiplier: 1

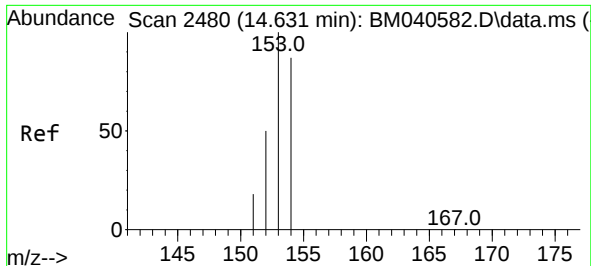
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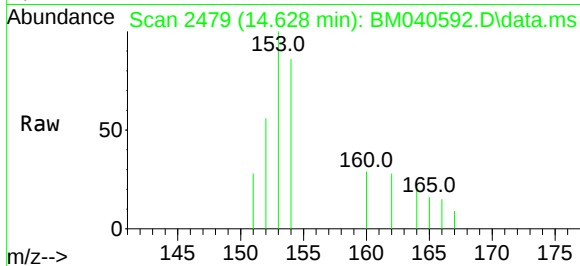
Quant Time: Jul 04 04:17:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.033 ng/uI
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

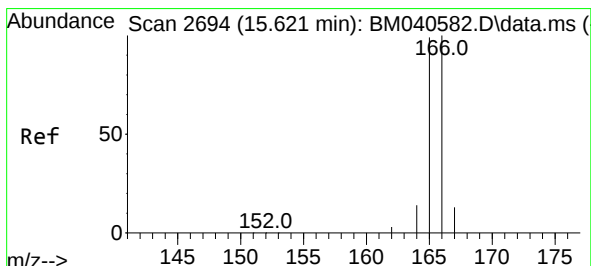
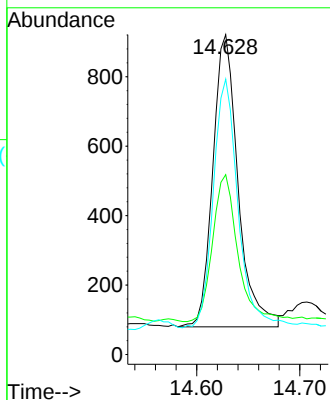
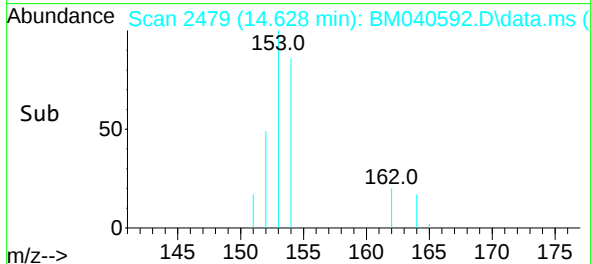
Instrument :
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Tgt Ion:153 Resp: 1432
Ion Ratio Lower Upper
153 100
152 56.2 41.0 61.4
154 86.1 70.8 106.2

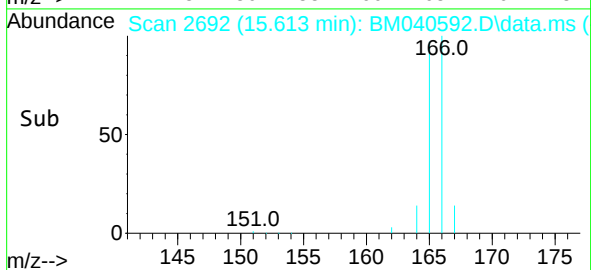
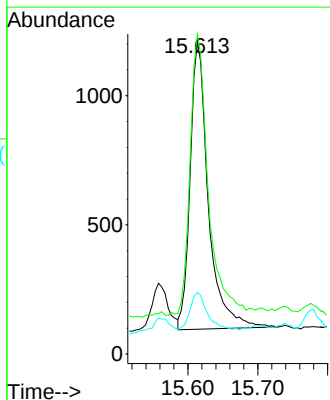
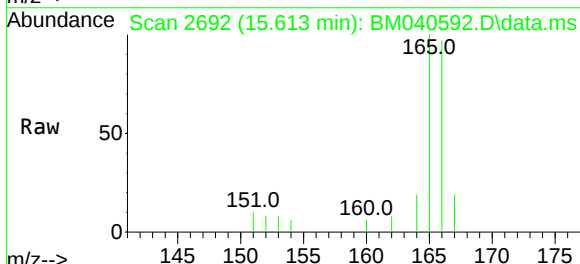
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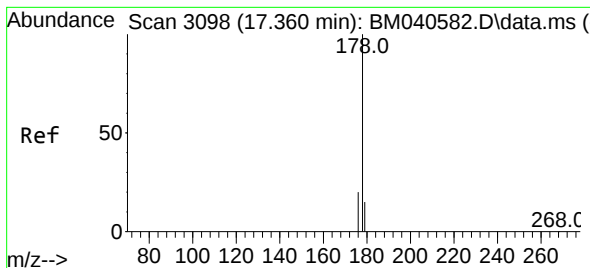
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.043 ng/uI
RT: 15.613 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

Tgt Ion:166 Resp: 2006
Ion Ratio Lower Upper
166 100
165 102.6 79.6 119.4
167 19.8 11.4 17.0#





#15

Phenanthrene

Concen: 0.457 ng/ul

RT: 17.358 min Scan# 3098

Delta R.T. -0.004 min

Lab File: BM040592.D

Acq: 04 Jul 2023 01:41

Instrument :

BNA_M

ClientSampleId :

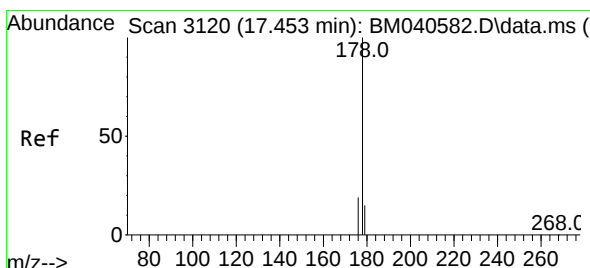
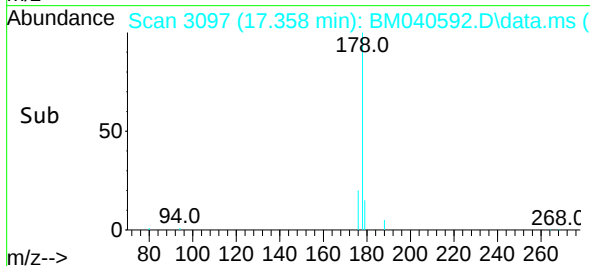
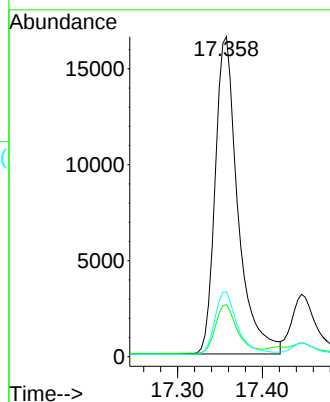
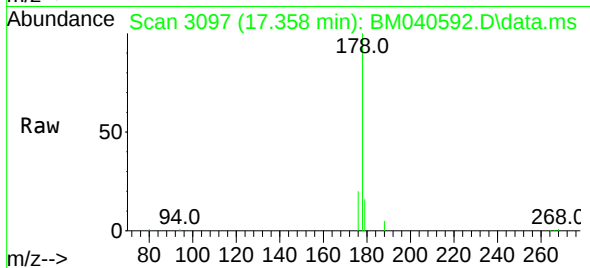
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Tgt Ion:178	Resp:	30724
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.8 19.2
176	20.3	16.4 24.6

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#16

Anthracene

Concen: 0.112 ng/ul

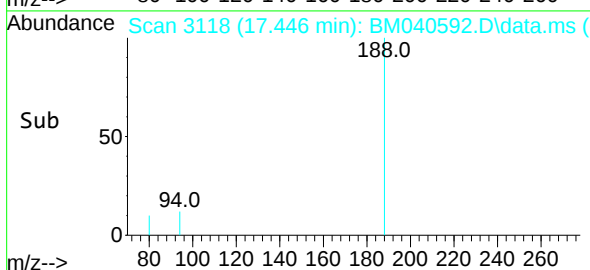
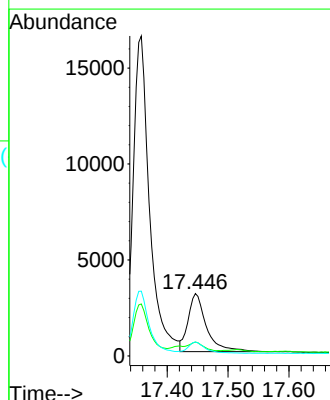
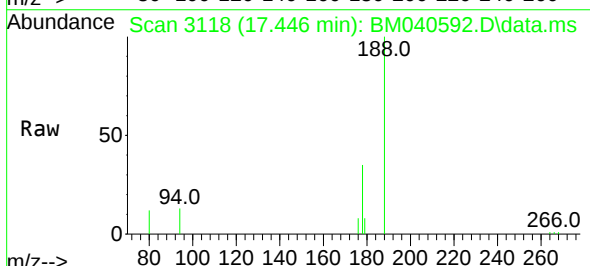
RT: 17.446 min Scan# 3118

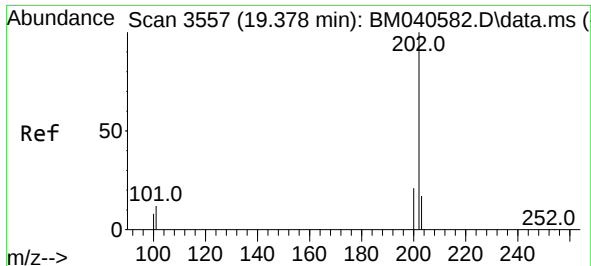
Delta R.T. -0.008 min

Lab File: BM040592.D

Acq: 04 Jul 2023 01:41

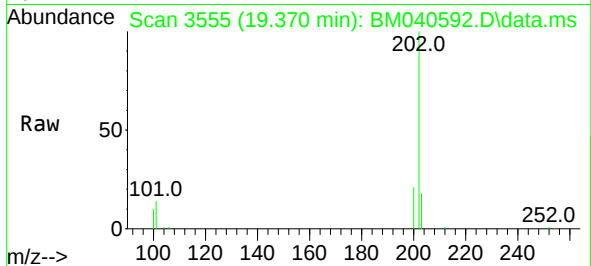
Tgt Ion:178	Resp:	6306
Ion Ratio	Lower	Upper
178	100	
179	22.2	12.9 19.3#
176	22.3	15.8 23.6





#19
Fluoranthene
Concen: 0.630 ng/ul
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

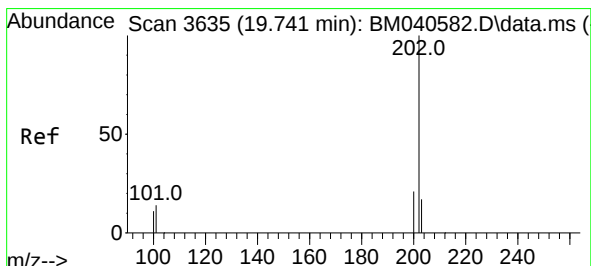
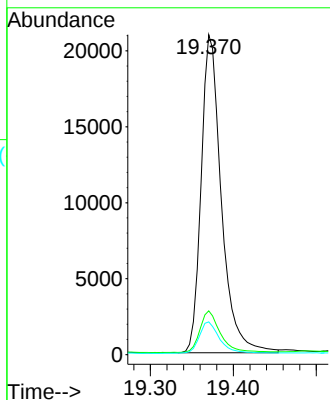
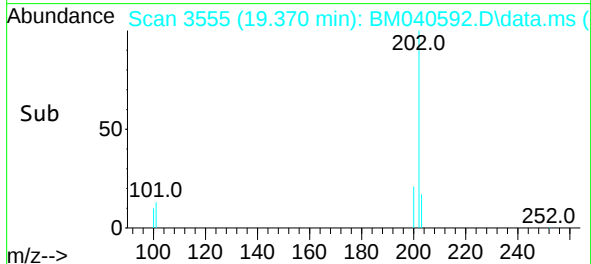
Instrument :
BNA_M
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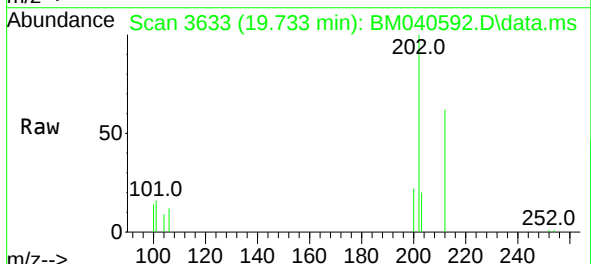
Tgt Ion:202 Resp: 3549
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.3 8.7 13.1

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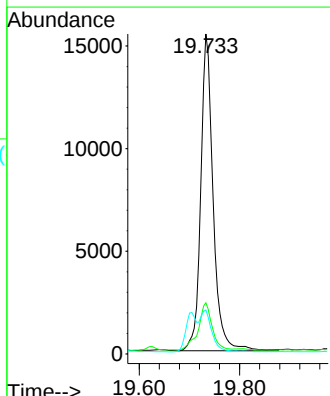
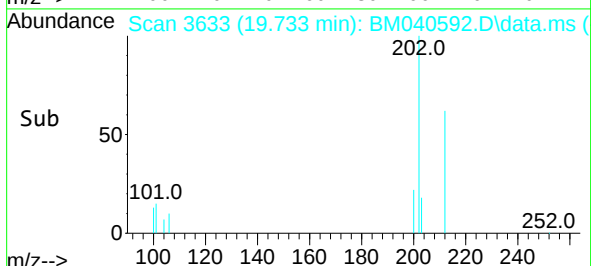
Reviewed By :Yogesh Patel 07/04/2023
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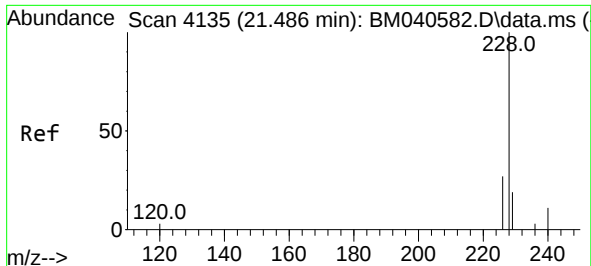


#20
Pyrene
Concen: 0.439 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41



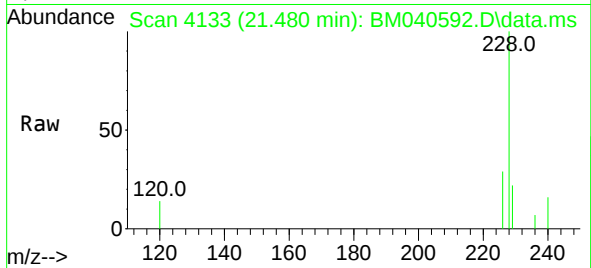
Tgt Ion:202 Resp: 26493
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.480 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

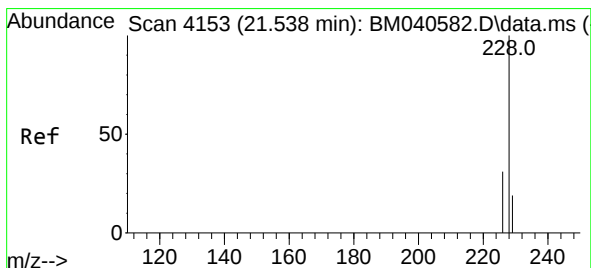
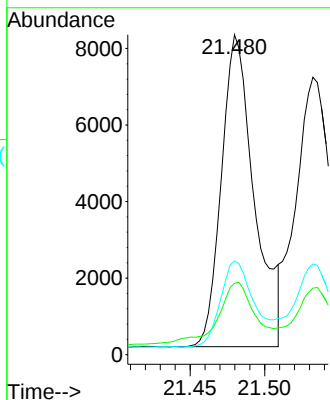
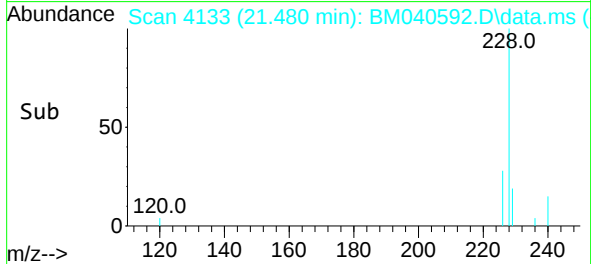
Instrument :
BNA_M
ClientSampleId :
DCGC3DL



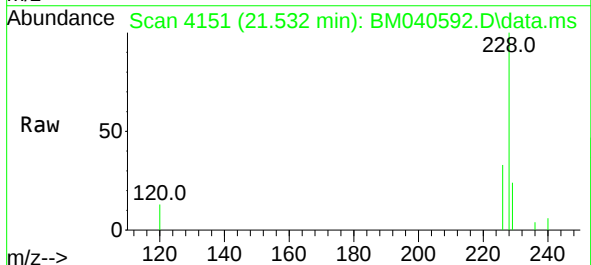
Tgt Ion:228 Resp: 12498
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 29.3 22.3 33.5

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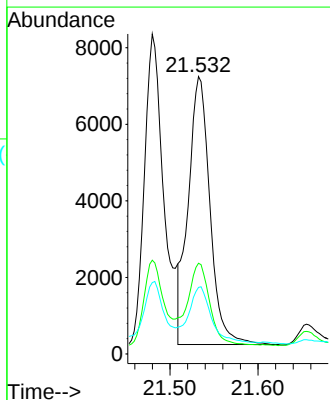
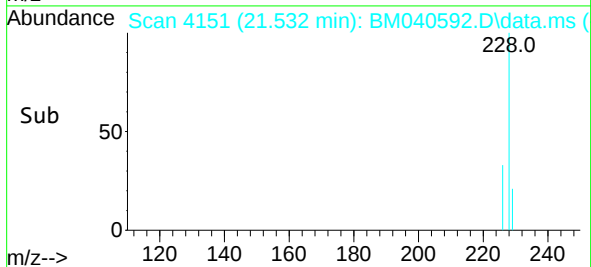
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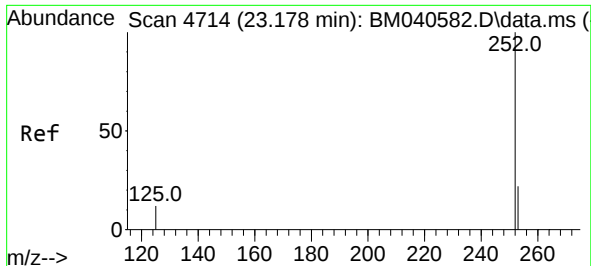


#22
Chrysene
Concen: 0.235 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41



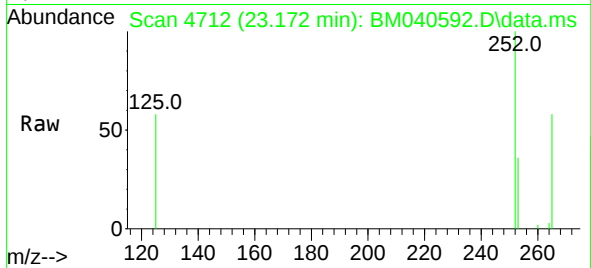
Tgt Ion:228 Resp: 12025
Ion Ratio Lower Upper
228 100
226 32.7 24.9 37.3
229 24.0 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 23.172 min Scan# 4712
Delta R.T. -0.009 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

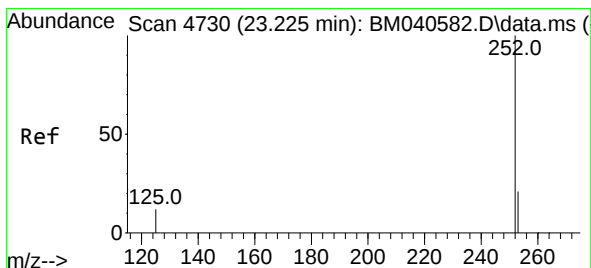
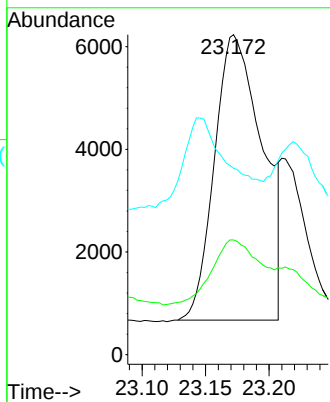
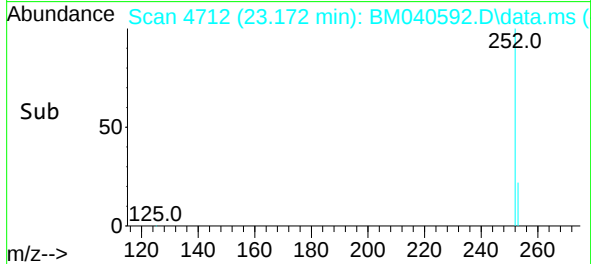
Instrument :
BNA_M
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DCGC3DL



Tgt Ion:252 Resp: 14628
Ion Ratio Lower Upper
252 100
253 35.8 0.0 52.8
125 58.3 0.0 43.0

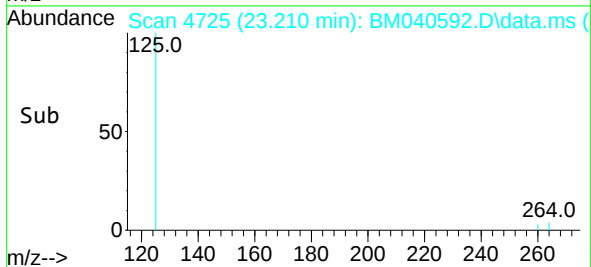
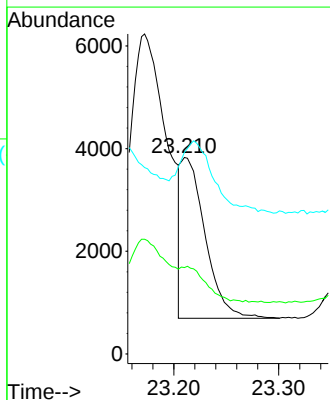
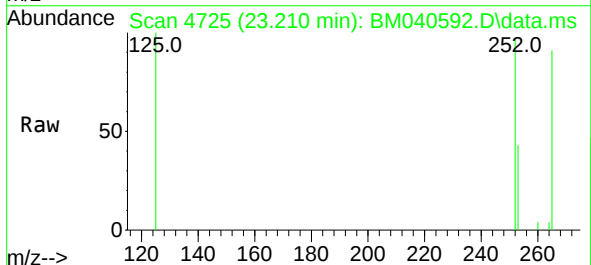
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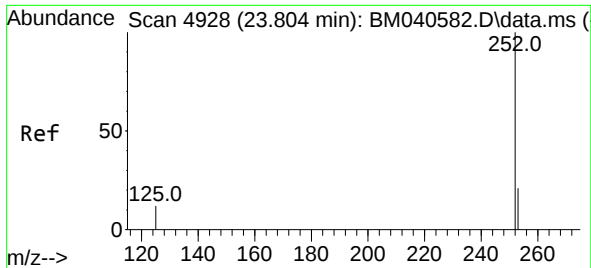
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 23.210 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

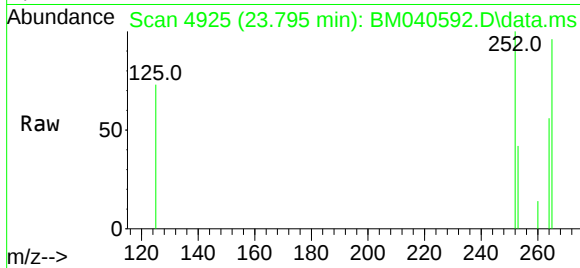
Tgt Ion:252 Resp: 5075
Ion Ratio Lower Upper
252 100
253 44.0 21.2 31.8#
125 102.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

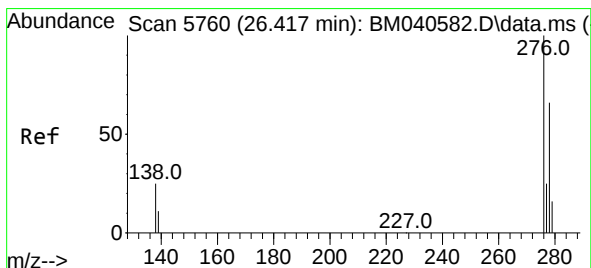
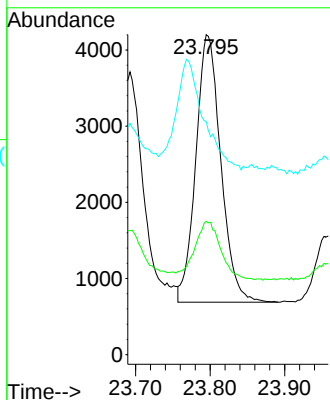
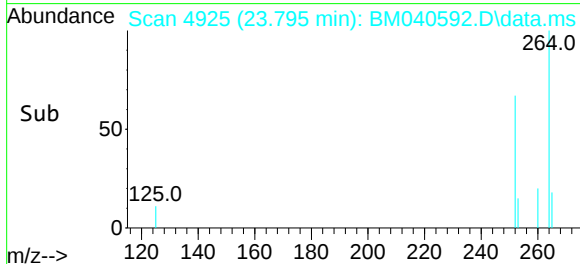
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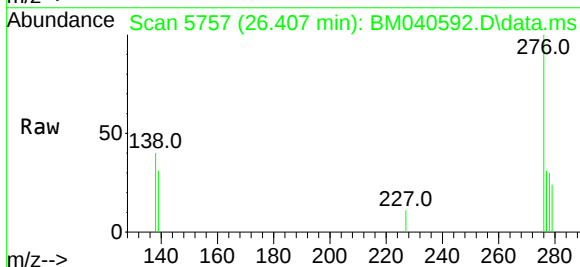
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Ion Ratio Lower Upper
252 100
253 41.7 22.9 34.3#
125 72.9 21.0 31.4#

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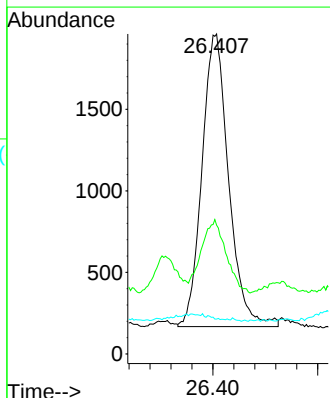
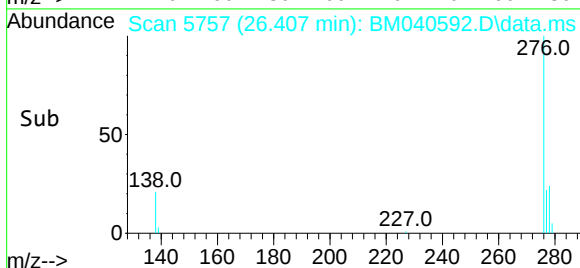
Reviewed By :Yogesh Patel 07/04/2023
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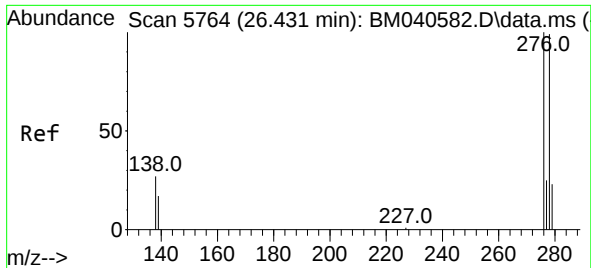


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41



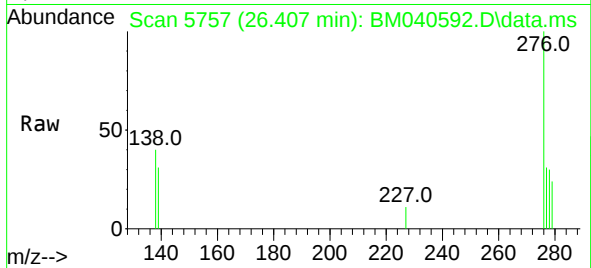
Tgt Ion:276 Resp: 6329
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.407 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41

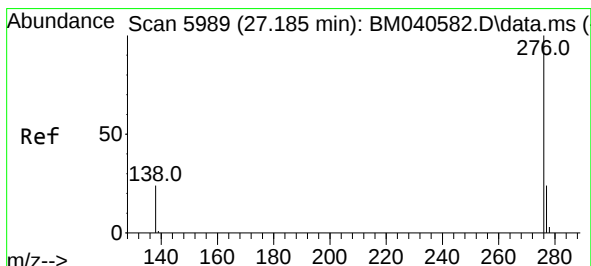
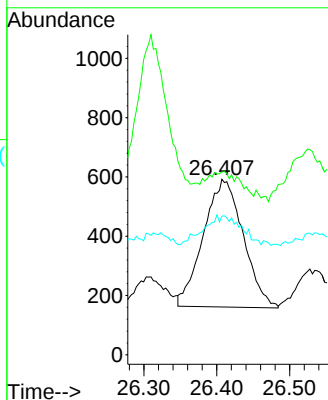
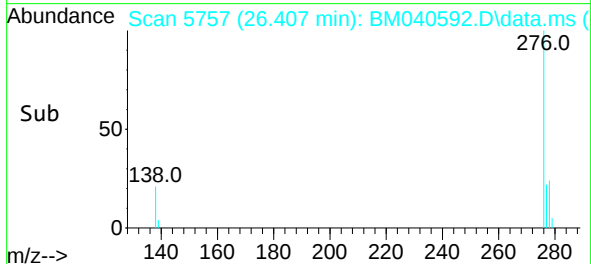
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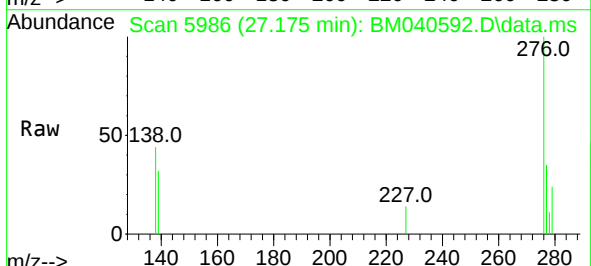
Tgt Ion:278 Resp: 163
Ion Ratio Lower Upper
278 100
139 104.2 17.9 26.9
279 79.1 22.0 33.0

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#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 27.175 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM040592.D
Acq: 04 Jul 2023 01:41



Tgt Ion:276 Resp: 5936
Ion Ratio Lower Upper
276 100
138 43.8 23.0 34.6#
277 35.3 20.3 30.5#

