

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040589.D
 Acq On : 03 Jul 2023 23:48
 Operator : MA/JU
 Sample : 03242-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:30:59 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	5963	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	22861	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	20712	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	11898	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	11525	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5254	0.561	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1416	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2077	0.054	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.286	152	2866	0.058	ng/ul#	88
15) Phenanthrene	17.358	178	10680	0.166	ng/ul	97
16) Anthracene	17.446	178	2964	0.055	ng/ul#	83
19) Fluoranthene	19.370	202	27276	0.540	ng/ul	98
20) Pyrene	19.733	202	23270	0.429	ng/ul	97
21) Benzo(a)anthracene	21.483	228	13377	0.332	ng/ul	94
22) Chrysene	21.535	228	12930	0.282	ng/ul#	95
24) Benzo(b)fluoranthene	23.175	252	24576	0.551	ng/ul	90
25) Benzo(k)fluoranthene	23.213	252	7028m	0.160	ng/ul	
26) Benzo(a)pyrene	23.798	252	12918	0.322	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.404	276	12432	0.222	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.417	278	3083	0.070	ng/ul#	41
29) Benzo(g,h,i)perylene	27.178	276	12312	0.251	ng/ul#	90

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

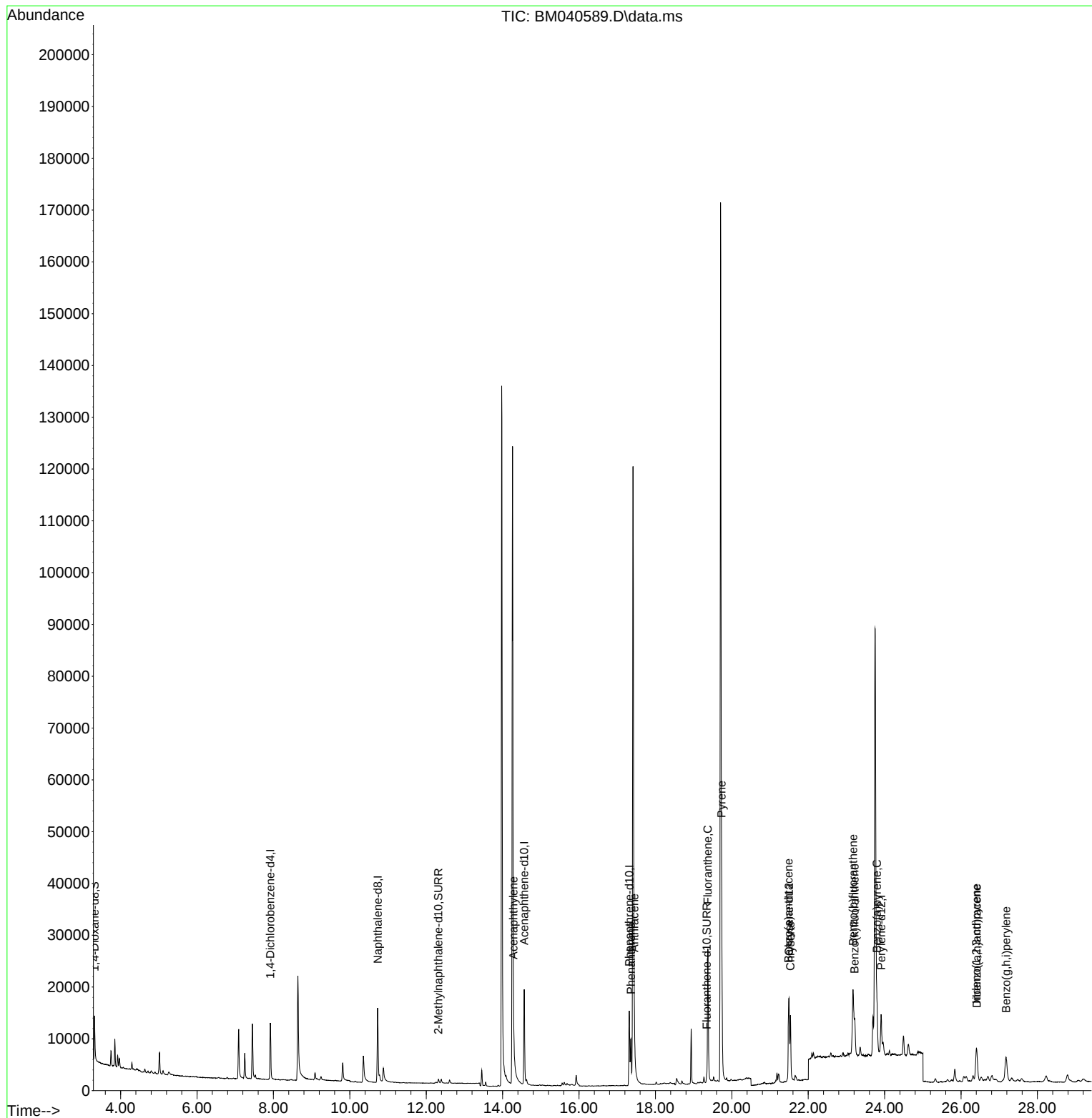
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040589.D
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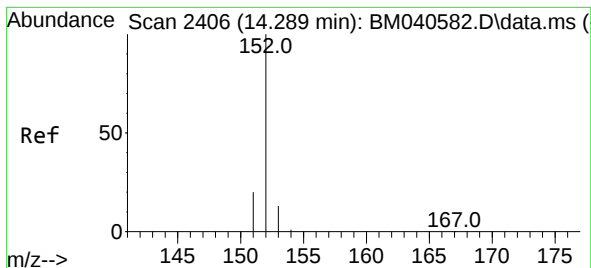
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#10

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.286 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BM040589.D

Acq: 03 Jul 2023 23:48

Instrument :

BNA_M

ClientSampleId :

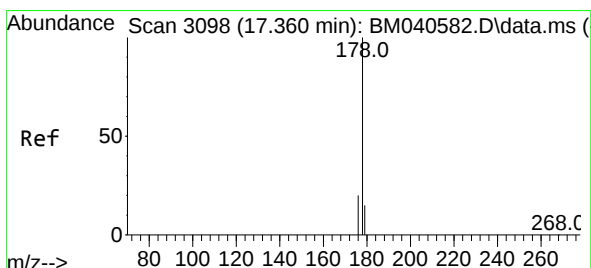
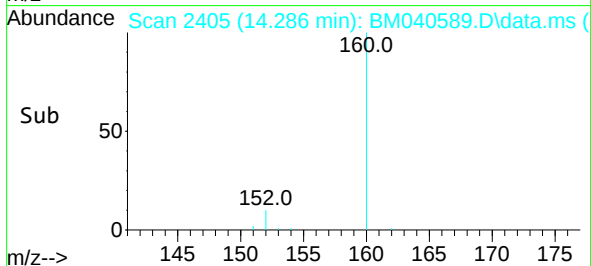
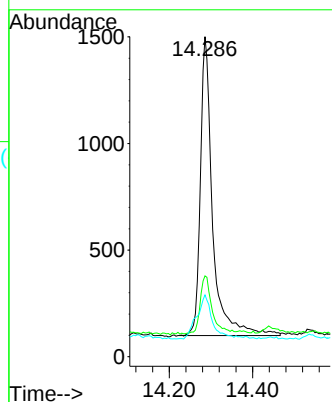
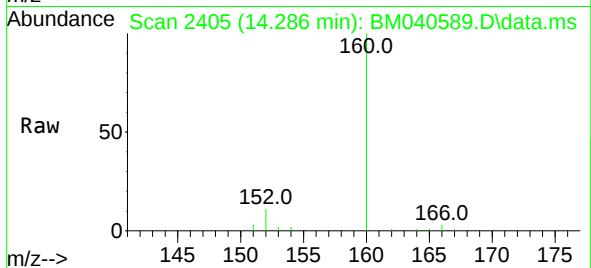
DCGB2DL

Tgt Ion:152	Resp:	2860
Ion Ratio	Lower	Upper
152	100	
151	25.2	16.2 24.2
153	19.3	10.9 16.3

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#15

Phenanthrene

Concen: 0.166 ng/ul

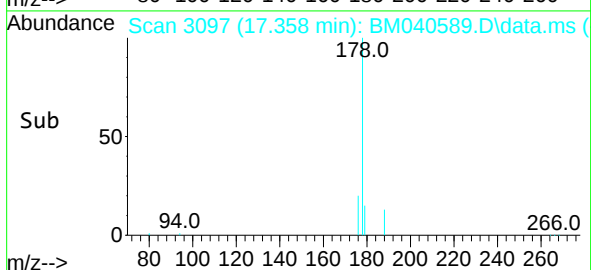
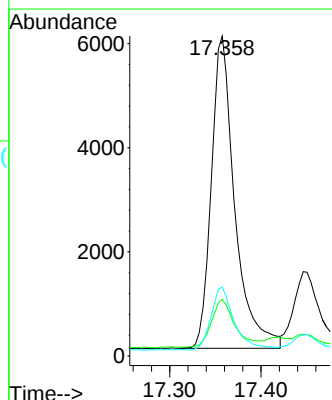
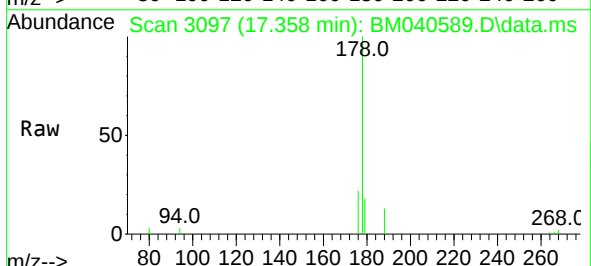
RT: 17.358 min Scan# 3097

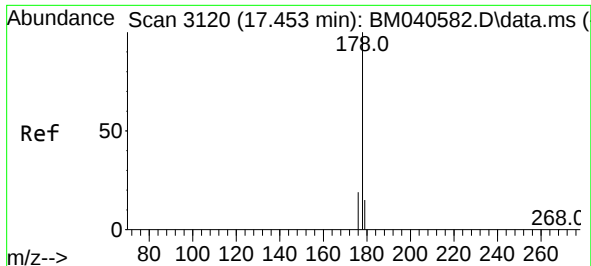
Delta R.T. -0.004 min

Lab File: BM040589.D

Acq: 03 Jul 2023 23:48

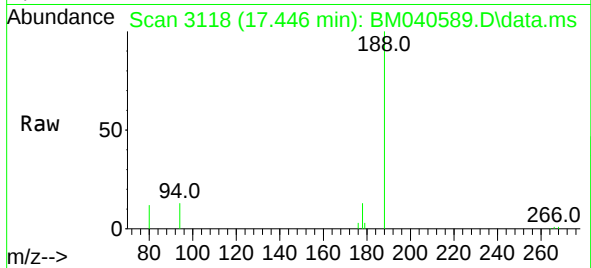
Tgt Ion:178	Resp:	10680
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.8 19.2
176	21.5	16.4 24.6





#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.446 min Scan# 3120
 Delta R.T. -0.008 min
 Lab File: BM040589.D
 Acq: 03 Jul 2023 23:48

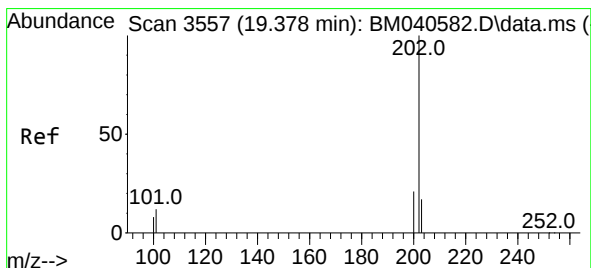
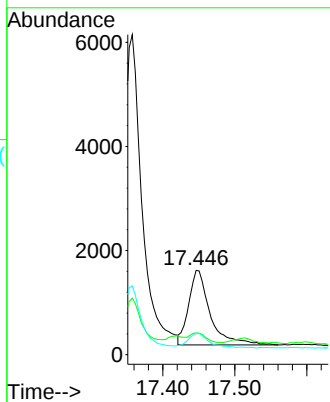
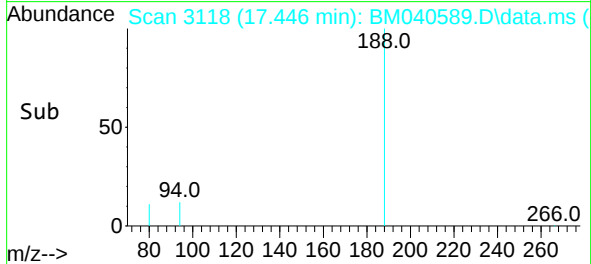
Instrument :
 BNA_M
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 DCGB2DL



Tgt Ion:178 Resp: 2964
 Ion Ratio Lower Upper
 178 100
 179 25.7 12.9 19.3
 176 25.0 15.8 23.6

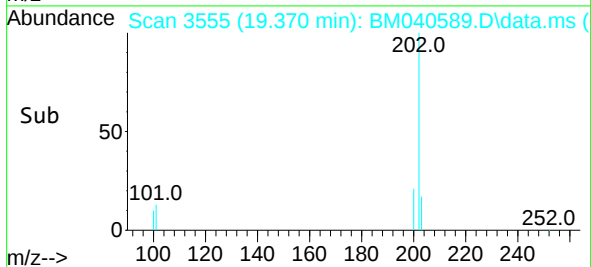
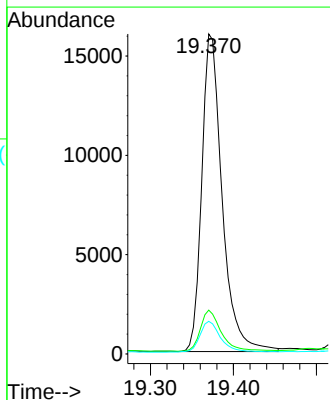
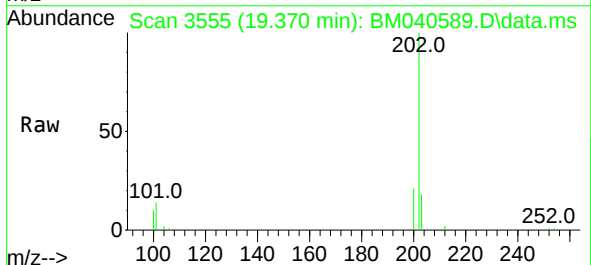
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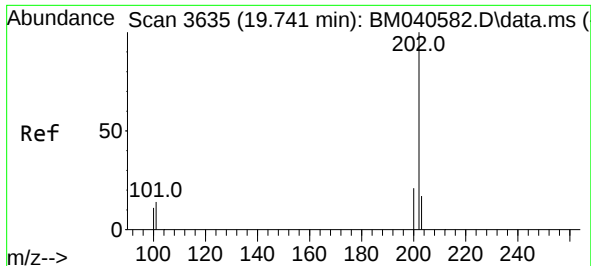
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 0.540 ng/ul
 RT: 19.370 min Scan# 3555
 Delta R.T. -0.009 min
 Lab File: BM040589.D
 Acq: 03 Jul 2023 23:48

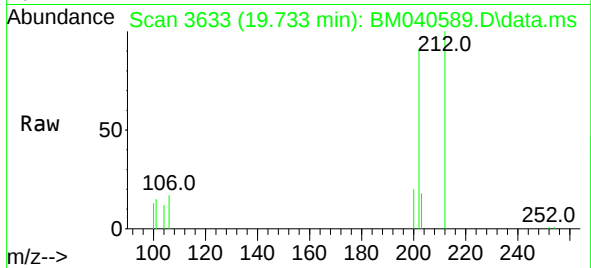
Tgt Ion:202 Resp: 27276
 Ion Ratio Lower Upper
 202 100
 101 13.7 11.4 17.0
 100 10.2 8.7 13.1





#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.733 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

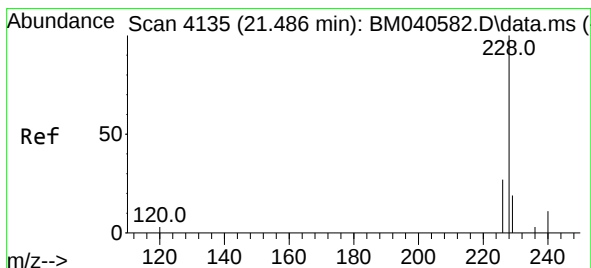
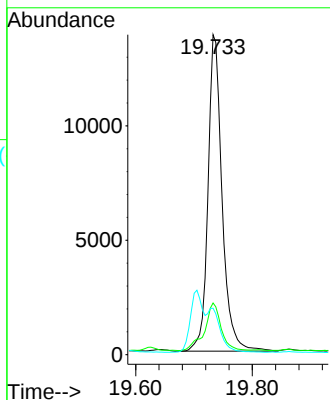
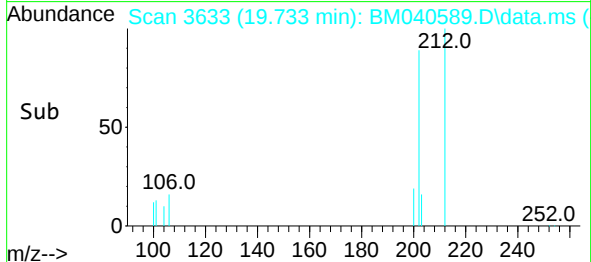
Instrument :
BNA_M
ClientSampleId :
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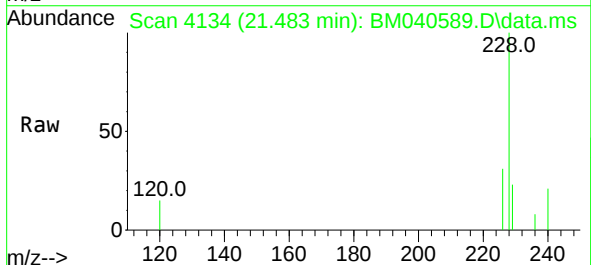
Tgt Ion:202 Resp: 23270
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 14.5 9.8 14.6

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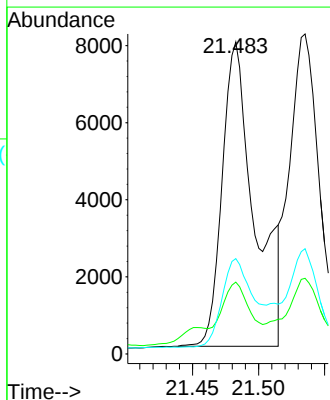
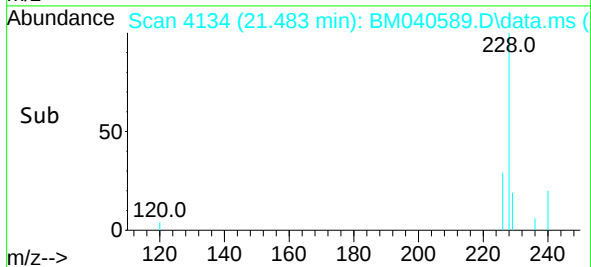
Reviewed By :Yogesh Patel 07/04/2023
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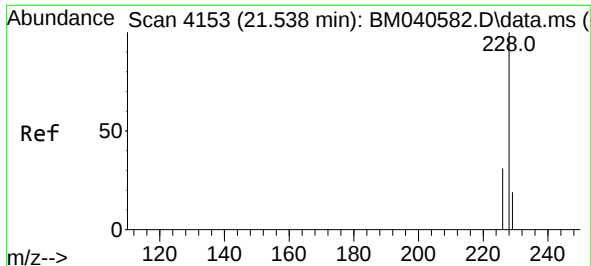


#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.483 min Scan# 4134
Delta R.T. -0.006 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48



Tgt Ion:228 Resp: 13377
Ion Ratio Lower Upper
228 100
229 23.0 16.0 24.0
226 30.6 22.3 33.5





#22

Chrysene

Concen: 0.282 ng/ul

RT: 21.535 min Scan# 4153

Delta R.T. -0.006 min

Lab File: BM040589.D

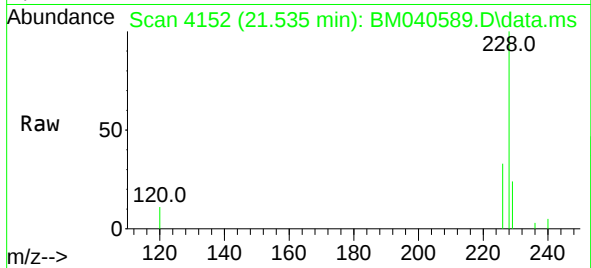
Acq: 03 Jul 2023 23:48

Instrument :

BNA_M

ClientSampleId :

DCGB2DL

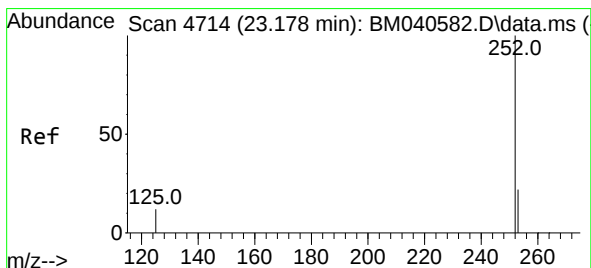
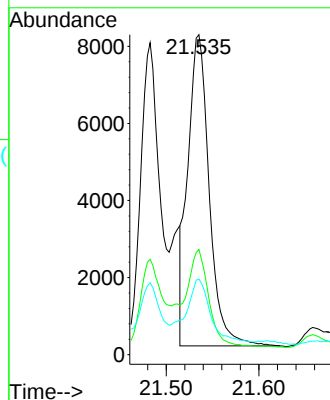
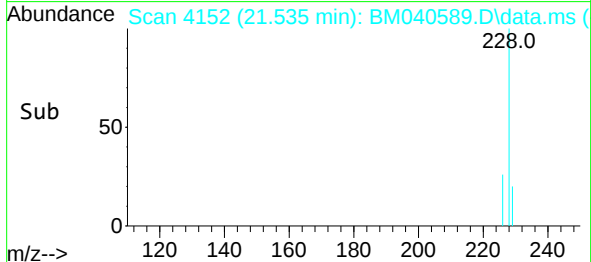


Tgt Ion:	228	Resp:	12930
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.9	37.3
229	23.7	15.8	23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#24

Benzo(b)fluoranthene

Concen: 0.551 ng/ul

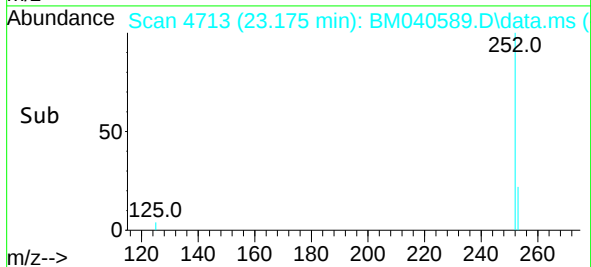
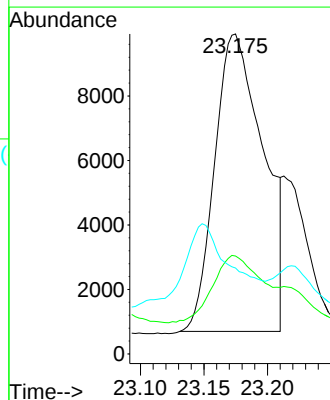
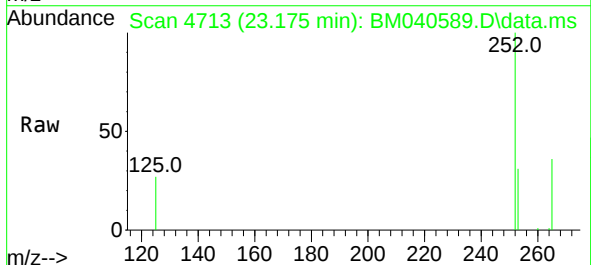
RT: 23.175 min Scan# 4713

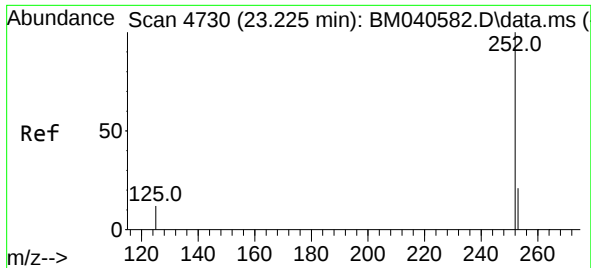
Delta R.T. -0.006 min

Lab File: BM040589.D

Acq: 03 Jul 2023 23:48

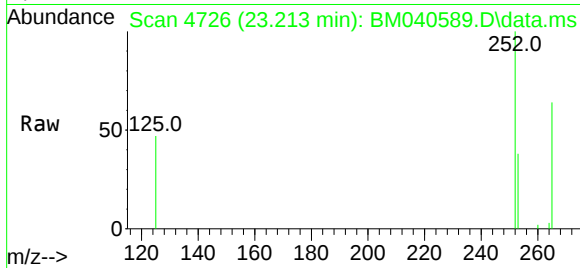
Tgt Ion:	252	Resp:	24576
Ion Ratio	Lower	Upper	
252	100		
253	30.6	0.0	52.8
125	26.9	0.0	43.0





#25
Benzo(k)fluoranthene
Concen: 0.160 ng/ul m
RT: 23.213 min Scan# 4726
Delta R.T. -0.012 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

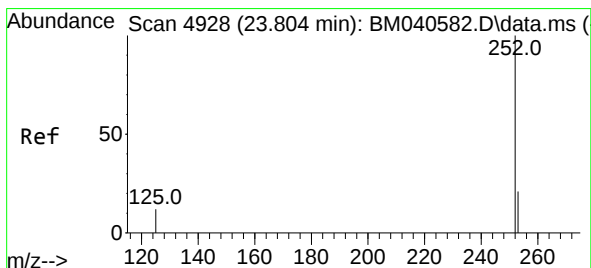
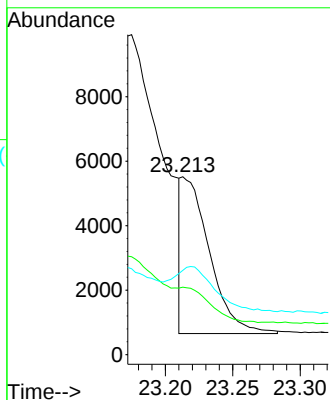
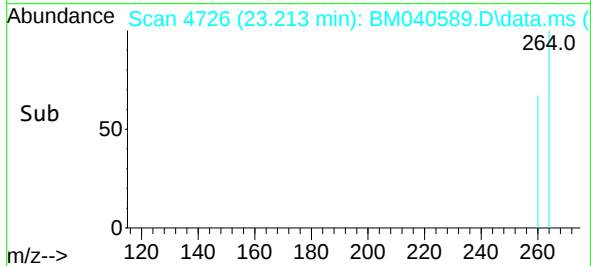
Instrument :
BNA_M
ClientSampleId :
DCGB2DL



Tgt Ion:252 Resp: 7028
Ion Ratio Lower Upper
252 100
253 37.9 21.2 31.8#
125 47.4 16.4 24.6#

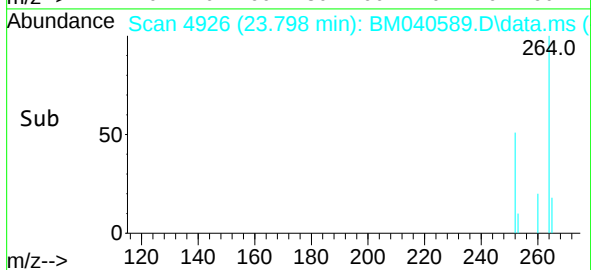
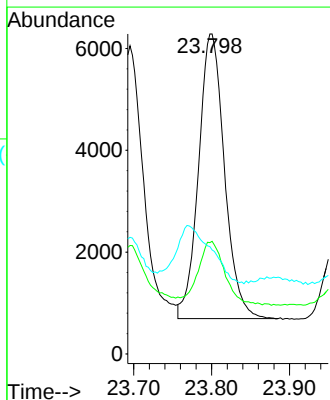
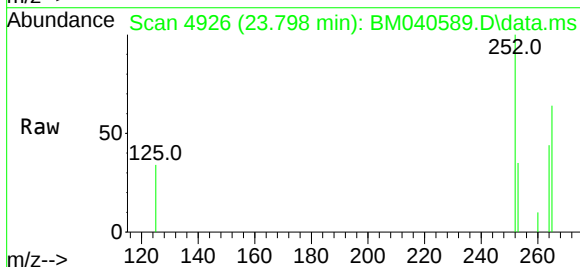
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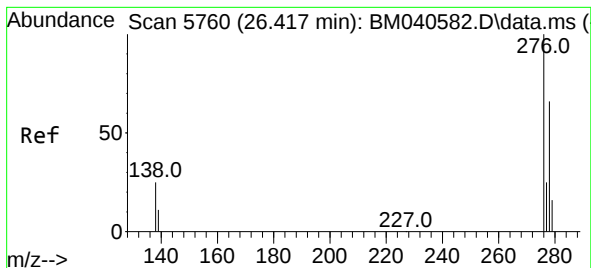
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.798 min Scan# 4926
Delta R.T. -0.006 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

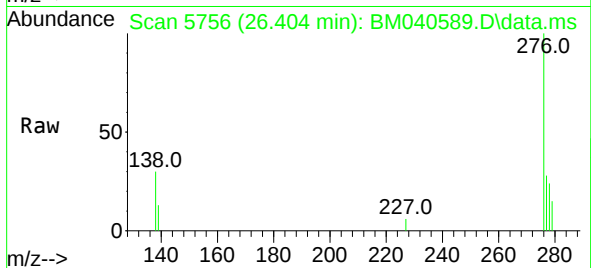
Tgt Ion:252 Resp: 12918
Ion Ratio Lower Upper
252 100
253 34.8 22.9 34.3#
125 33.6 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/ul
RT: 26.404 min Scan# 5756
Delta R.T. -0.013 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

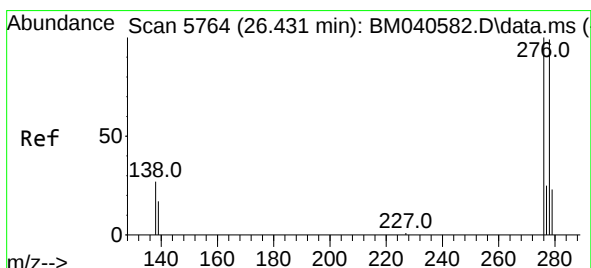
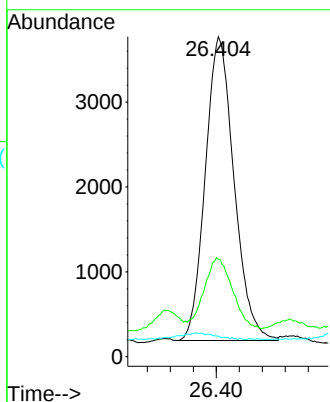
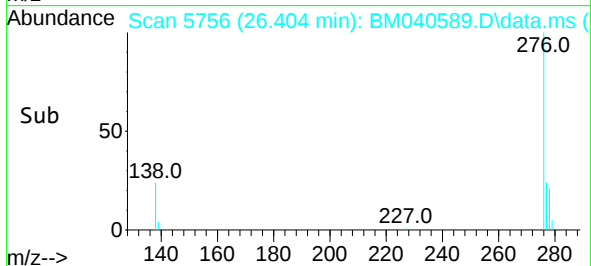
Instrument :
BNA_M
ClientSampleId :
DCGB2DL



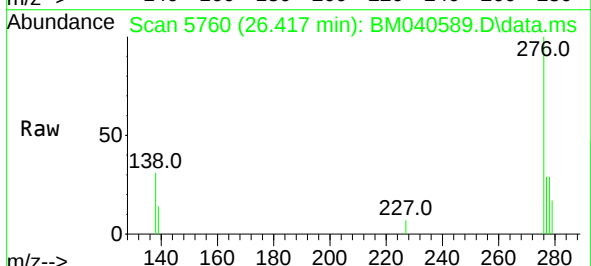
Tgt Ion:276 Resp: 12432
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.1 0.1#

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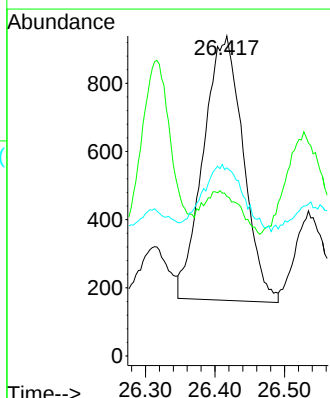
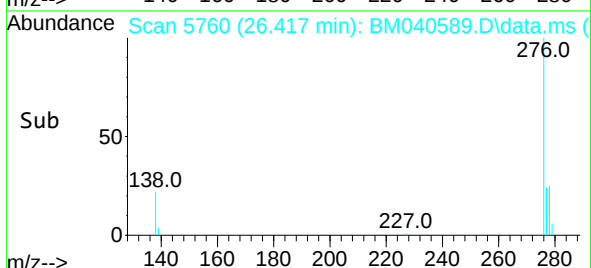
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

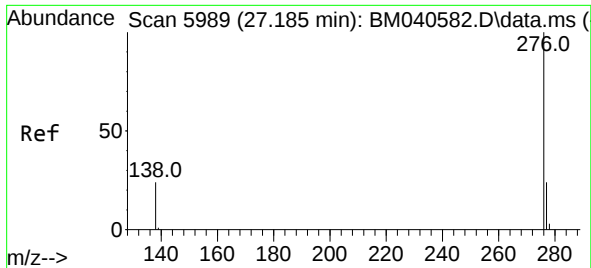


#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.013 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48



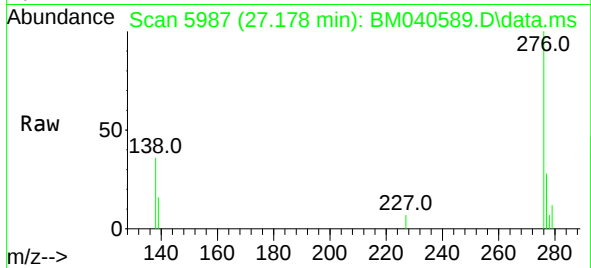
Tgt Ion:278 Resp: 3083
Ion Ratio Lower Upper
278 100
139 49.8 17.9 26.9#
279 58.8 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.251 ng/ul
 RT: 27.178 min Scan# 5987
 Delta R.T. -0.003 min
 Lab File: BM040589.D
 Acq: 03 Jul 2023 23:48

Instrument :
 BNA_M
 ClientSampleId :
 DCGB2DL



Tgt Ion:	276	Resp:	1231
Ion	Ratio	Lower	Upper
276	100		
138	36.2	23.0	34.6
277	27.8	20.3	30.5

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