

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040581.D
 Acq On : 03 Jul 2023 18:44
 Operator : MA/JU
 Sample : 03242-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:26:33 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	7.924	152	6676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	23759	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	10734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	20283	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	11429	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	12240	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	7598	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1677	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	2276	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	2738	0.042	ng/ul#	83
7) 2-Methylnaphthalene	12.395	142	1506	0.039	ng/ul	95
8) 1-Methylnaphthalene	12.615	142	1069	0.028	ng/ul	95
10) Acenaphthylene	14.286	152	1116	0.023	ng/ul#	61
15) Phenanthrene	17.358	178	12536	0.199	ng/ul	98
16) Anthracene	17.446	178	2203	0.042	ng/ul#	76
19) Fluoranthene	19.375	202	24511	0.505	ng/ul	98
20) Pyrene	19.737	202	22230m	0.427	ng/ul	
21) Benzo(a)anthracene	21.486	228	15043	0.389	ng/ul	96
22) Chrysene	21.538	228	20866	0.473	ng/ul	96
24) Benzo(b)fluoranthene	23.178	252	46412	0.980	ng/ul	97
25) Benzo(k)fluoranthene	23.219	252	13397m	0.287	ng/ul	
26) Benzo(a)pyrene	23.806	252	26809	0.628	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.414	276	30335	0.510	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.417	278	7239	0.156	ng/ul#	71
29) Benzo(g,h,i)perylene	27.182	276	30035	0.577	ng/ul	99

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

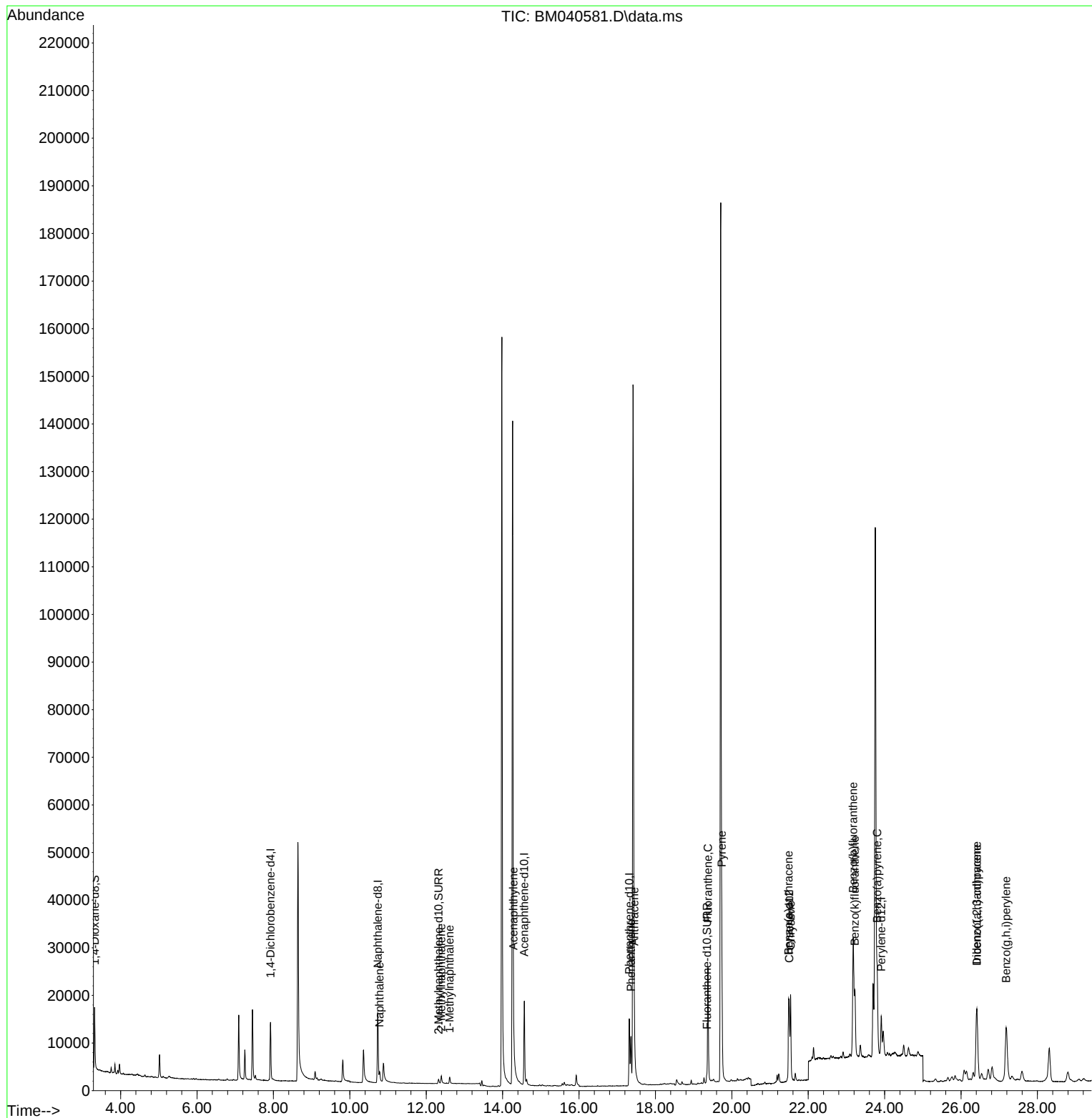
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
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ALS Vial : 18 Sample Multiplier: 1

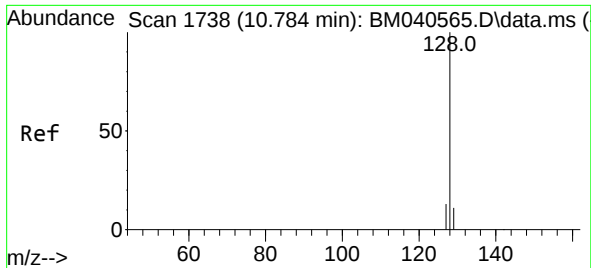
Instrument :
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Quant Time: Jul 04 01:26:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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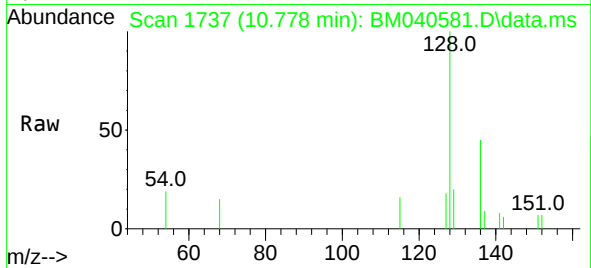
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.778 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

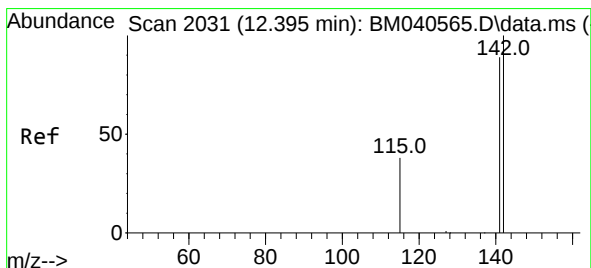
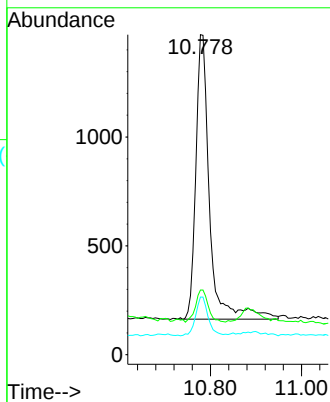
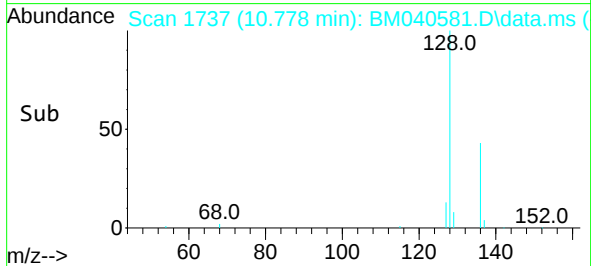
Instrument :
BNA_M
ClientSampleId :
DCGA1DL



Tgt Ion:128 Resp: 2738
Ion Ratio Lower Upper
128 100
129 20.2 9.2 13.8
127 18.0 10.6 15.8

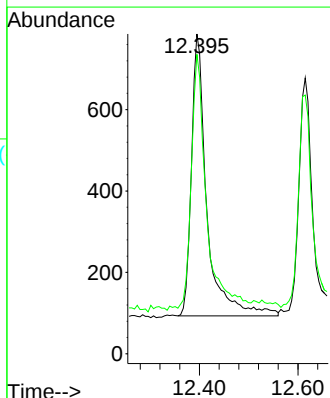
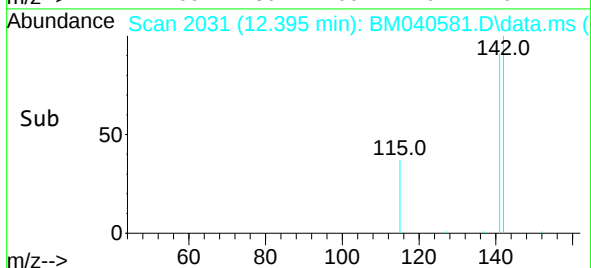
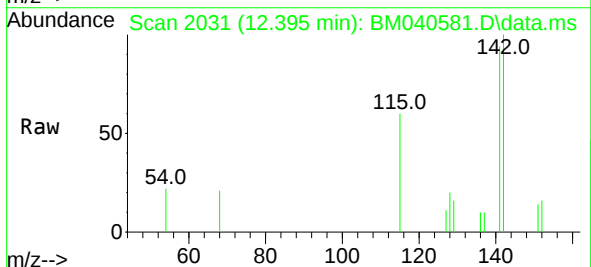
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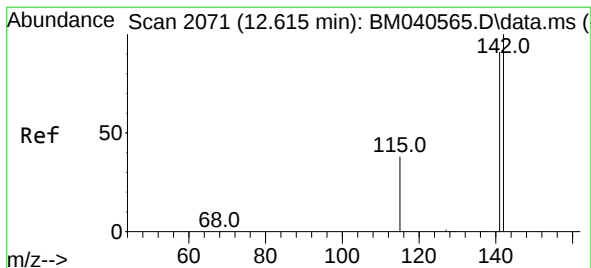
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

Tgt Ion:142 Resp: 1506
Ion Ratio Lower Upper
142 100
141 94.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.615 min Scan# 2071

Delta R.T. -0.000 min

Lab File: BM040581.D

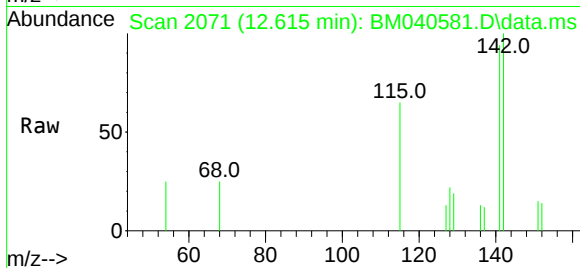
Acq: 03 Jul 2023 18:44

Instrument :

BNA_M

ClientSampleId :

DCGA1DL



Tgt Ion:142 Resp: 1069

Ion Ratio Lower Upper

142 100

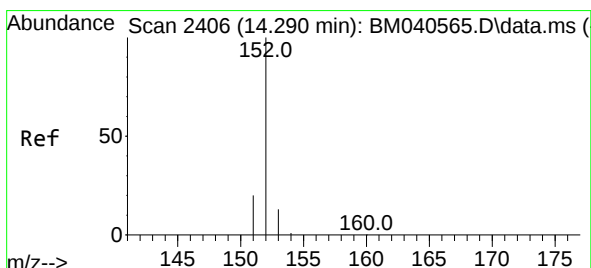
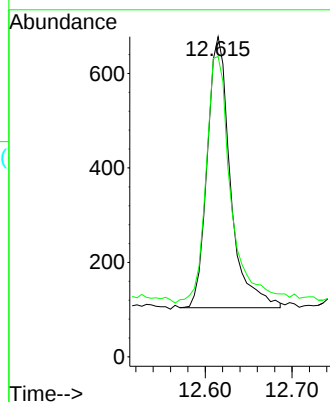
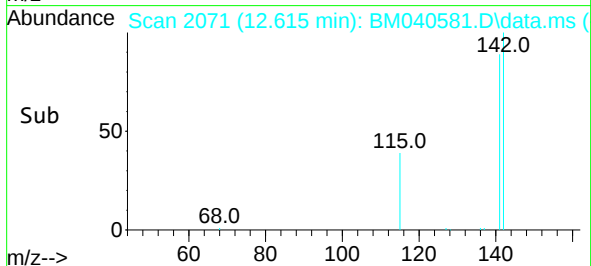
141 97.3 73.7 110.5

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#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.286 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BM040581.D

Acq: 03 Jul 2023 18:44

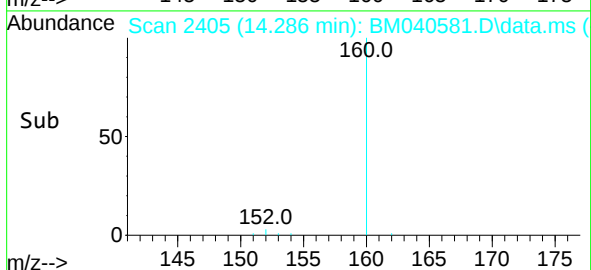
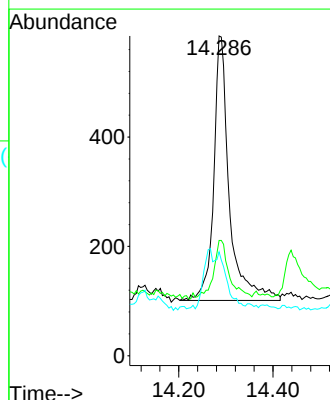
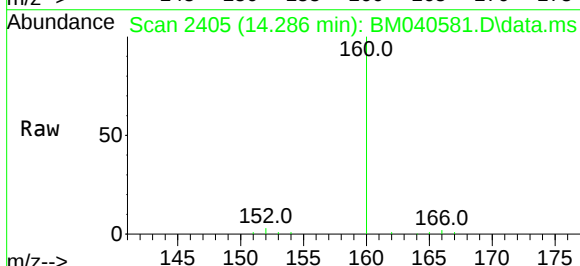
Tgt Ion:152 Resp: 1116

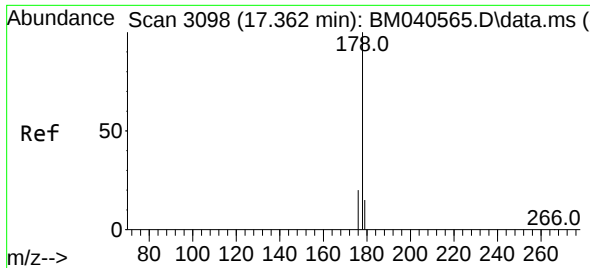
Ion Ratio Lower Upper

152 100

151 36.1 16.2 24.2#

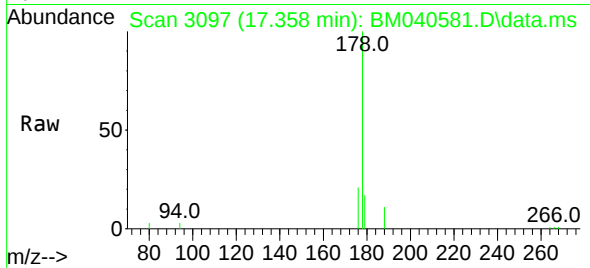
153 32.5 10.9 16.3#





#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.358 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

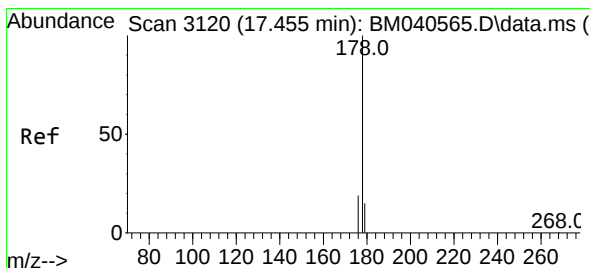
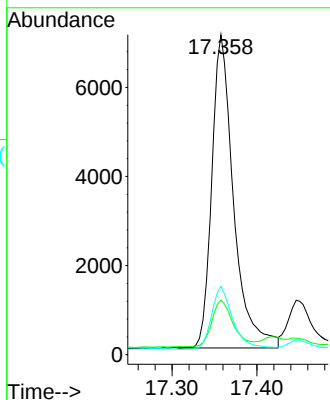
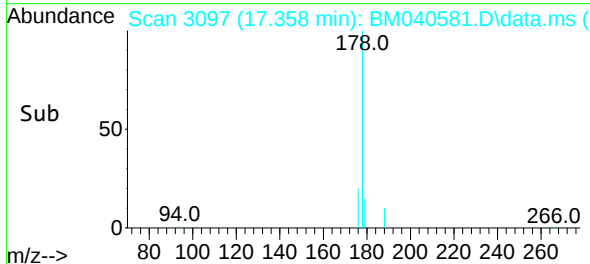
Instrument :
BNA_M
ClientSampleId :
DCGA1DL



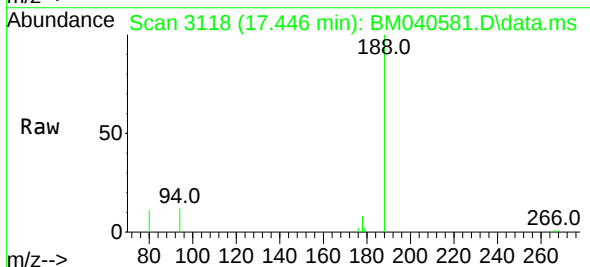
Tgt Ion:178 Resp: 12530
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 21.4 16.4 24.6

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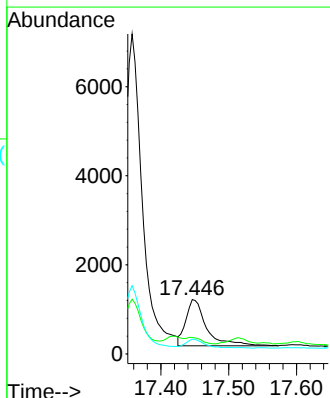
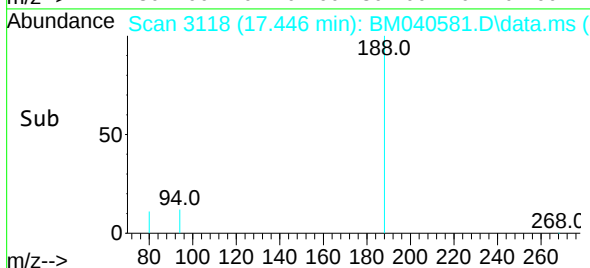
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

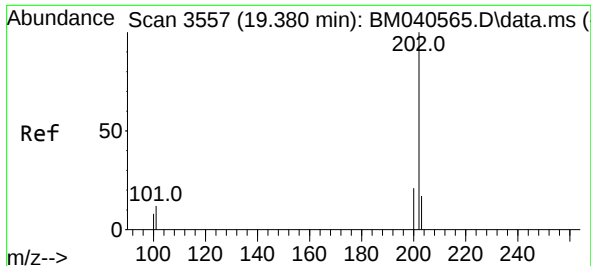


#16
Anthracene
Concen: 0.042 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44



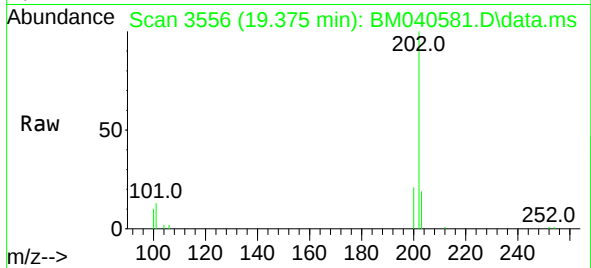
Tgt Ion:178 Resp: 2203
Ion Ratio Lower Upper
178 100
179 30.3 12.9 19.3#
176 27.1 15.8 23.6#





#19
Fluoranthene
Concen: 0.505 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

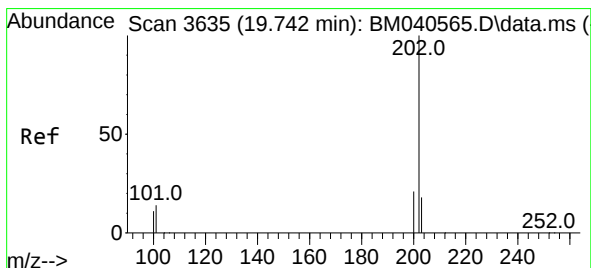
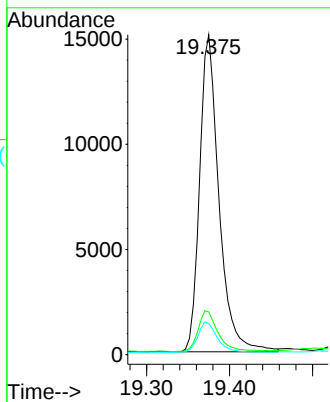
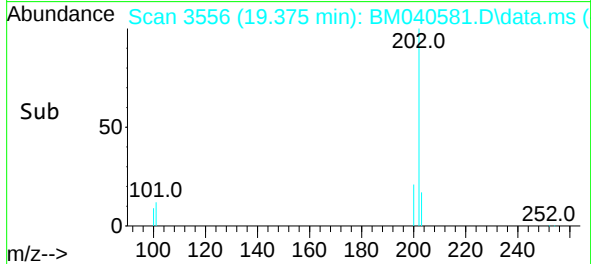
Instrument :
BNA_M
ClientSampleId :
DCGA1DL



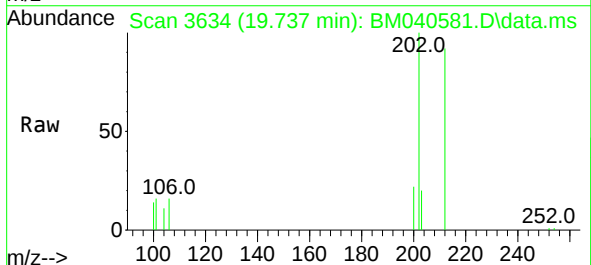
Tgt Ion:202 Resp: 2451
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 9.8 8.7 13.1

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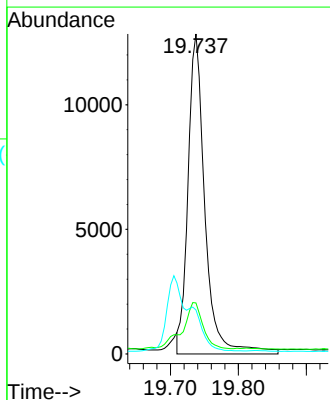
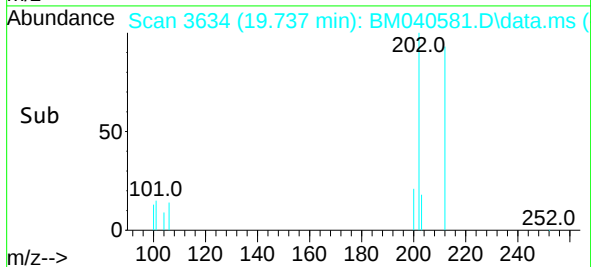
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

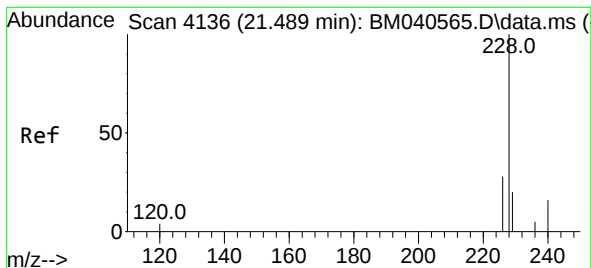


#20
Pyrene
Concen: 0.427 ng/ul m
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44



Tgt Ion:202 Resp: 22230
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: 0.389 ng/ul

RT: 21.486 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040581.D

Acq: 03 Jul 2023 18:44

Instrument :

BNA_M

ClientSampleId :

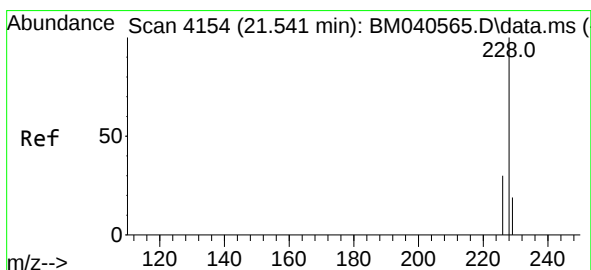
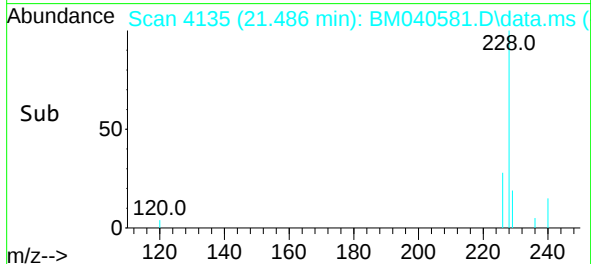
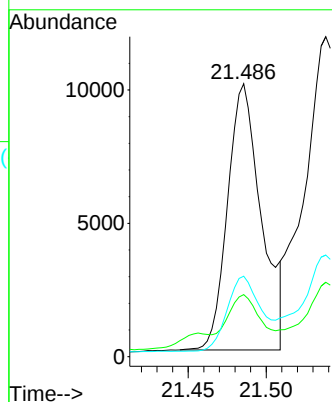
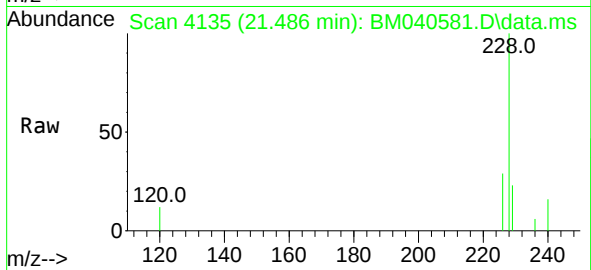
DCGA1DL

Tgt Ion:228	Resp:	1504
Ion Ratio	Lower	Upper
228	100	
229	22.8	16.0 24.0
226	29.5	22.3 33.5

Manual Integrations

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



#22

Chrysene

Concen: 0.473 ng/ul

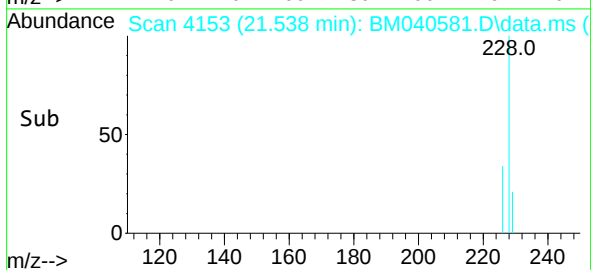
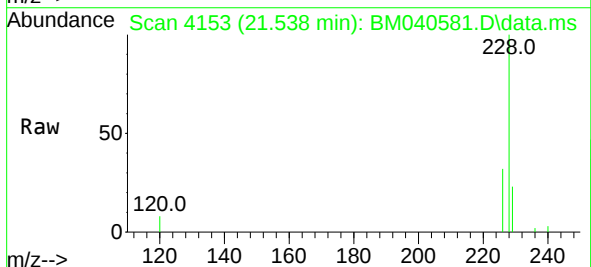
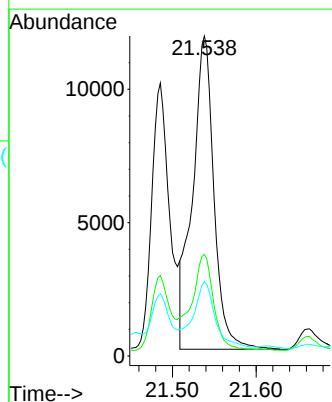
RT: 21.538 min Scan# 4153

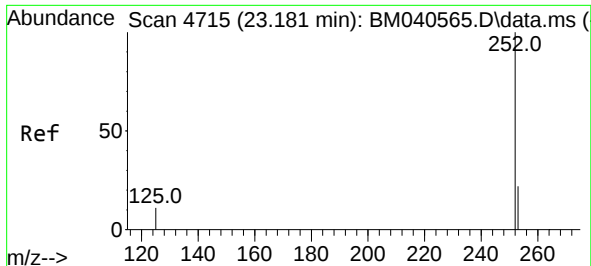
Delta R.T. -0.003 min

Lab File: BM040581.D

Acq: 03 Jul 2023 18:44

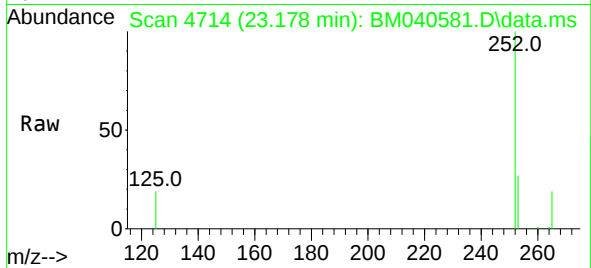
Tgt Ion:228	Resp:	20866
Ion Ratio	Lower	Upper
228	100	
226	31.8	24.9 37.3
229	23.3	15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.980 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

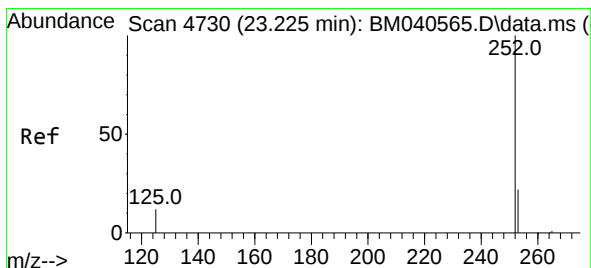
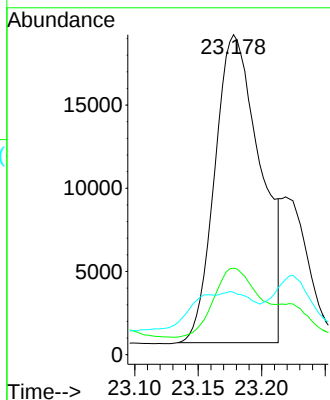
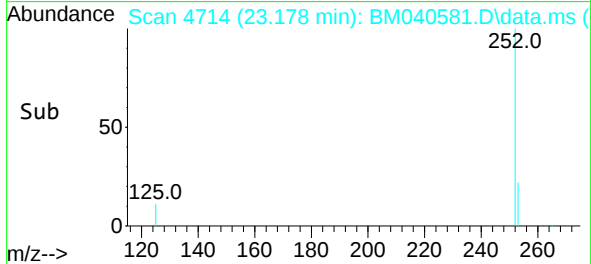
Instrument :
BNA_M
ClientSampleId :
DCGA1DL



Tgt Ion:252 Resp: 4641
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.8
125 19.5 0.0 43.0

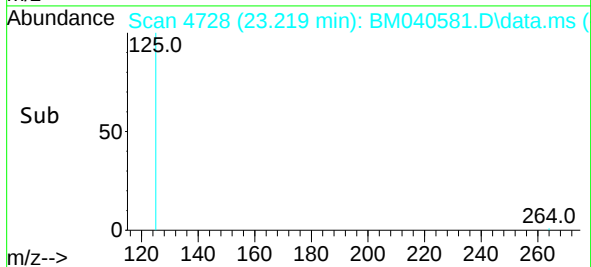
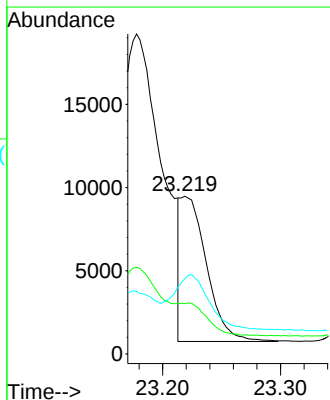
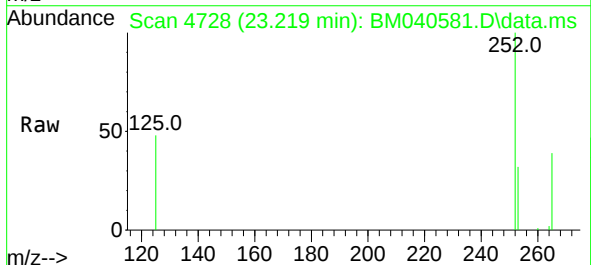
Manual Integrations
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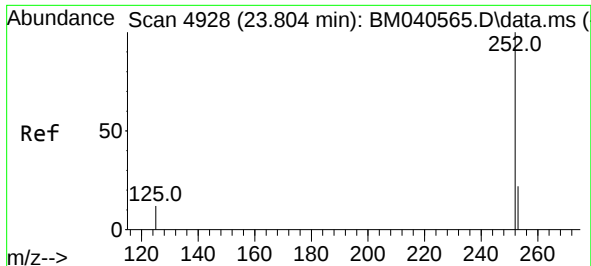
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

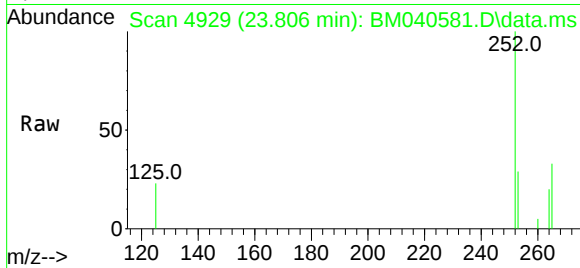
Tgt Ion:252 Resp: 13397
Ion Ratio Lower Upper
252 100
253 31.8 21.2 31.8#
125 47.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.628 ng/ul
RT: 23.806 min Scan# 4928
Delta R.T. 0.003 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

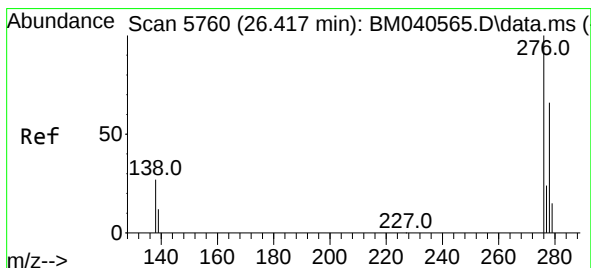
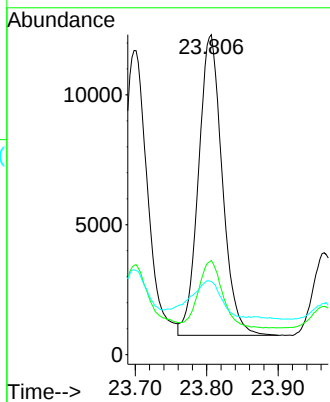
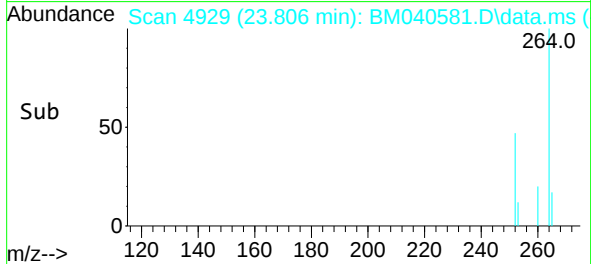
Instrument :
BNA_M
ClientSampleId :
DCGA1DL



Tgt Ion:252 Resp: 26809
Ion Ratio Lower Upper
252 100
253 29.4 22.9 34.3
125 22.9 21.0 31.4

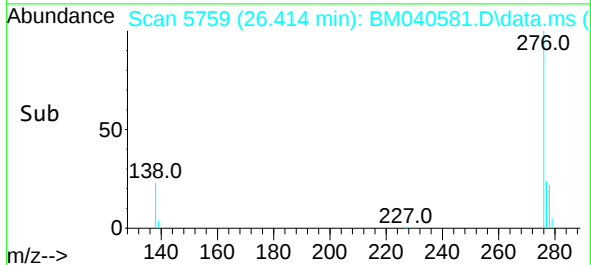
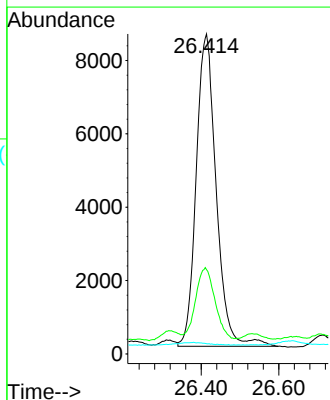
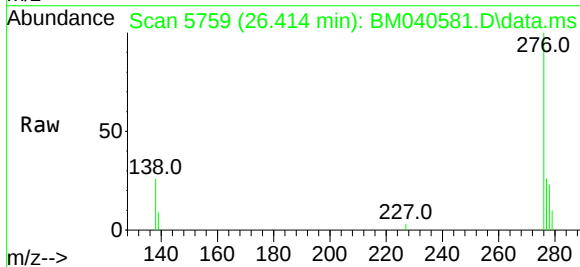
Manual Integrations
APPROVED

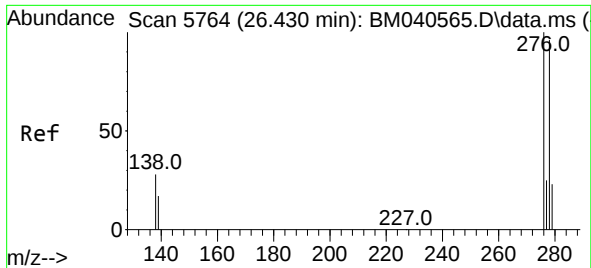
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.510 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.003 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

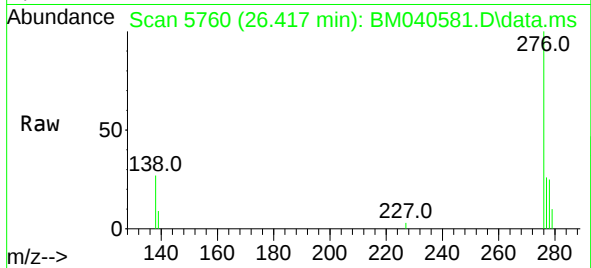
Tgt Ion:276 Resp: 30335
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.013 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

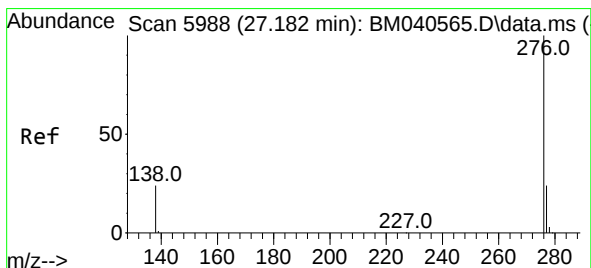
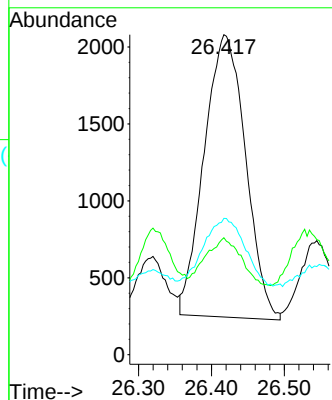
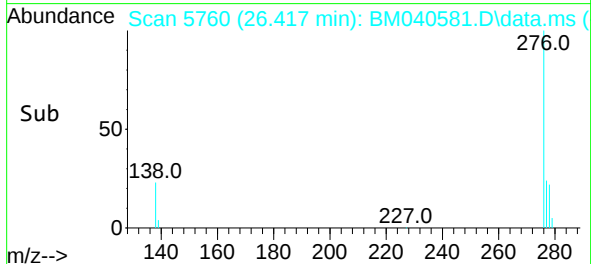
Instrument :
BNA_M
ClientSampleId :
DCGA1DL



Tgt Ion:278 Resp: 7239
Ion Ratio Lower Upper
278 100
139 36.6 17.9 26.9
279 42.6 22.0 33.0

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#29
Benzo(g,h,i)perylene
Concen: 0.577 ng/ul
RT: 27.182 min Scan# 5988
Delta R.T. -0.000 min
Lab File: BM040581.D
Acq: 03 Jul 2023 18:44

Tgt Ion:276 Resp: 30035
Ion Ratio Lower Upper
276 100
138 28.9 23.0 34.6
277 25.9 20.3 30.5

