

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040586.D
 Acq On : 03 Jul 2023 21:54
 Operator : MA/JU
 Sample : 03242-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 06:32:12 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	7.923	152	5868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	19470	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.568	164	7932	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	13491	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	10314	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	11384	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	7906	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1462	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1769	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	1338	0.025	ng/ul#	73
7) 2-Methylnaphthalene	12.395	142	653	0.021	ng/ul	89
10) Acenaphthylene	14.290	152	1380	0.039	ng/ul#	71
11) Acenaphthene	14.628	153	689	0.023	ng/ul#	94
15) Phenanthrene	17.357	178	7938	0.189	ng/ul	96
16) Anthracene	17.450	178	1973	0.056	ng/ul#	74
19) Fluoranthene	19.375	202	19276	0.440	ng/ul	98
20) Pyrene	19.737	202	16163	0.344	ng/ul	96
21) Benzo(a)anthracene	21.482	228	10121	0.290	ng/ul	93
22) Chrysene	21.538	228	11066	0.278	ng/ul#	94
24) Benzo(b)fluoranthene	23.178	252	19842	0.450	ng/ul	88
25) Benzo(k)fluoranthene	23.216	252	6673m	0.154	ng/ul	
26) Benzo(a)pyrene	23.800	252	11296	0.285	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.407	276	10756	0.195	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.413	278	2624	0.061	ng/ul#	31
29) Benzo(g,h,i)perylene	27.185	276	10632	0.219	ng/ul	93

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

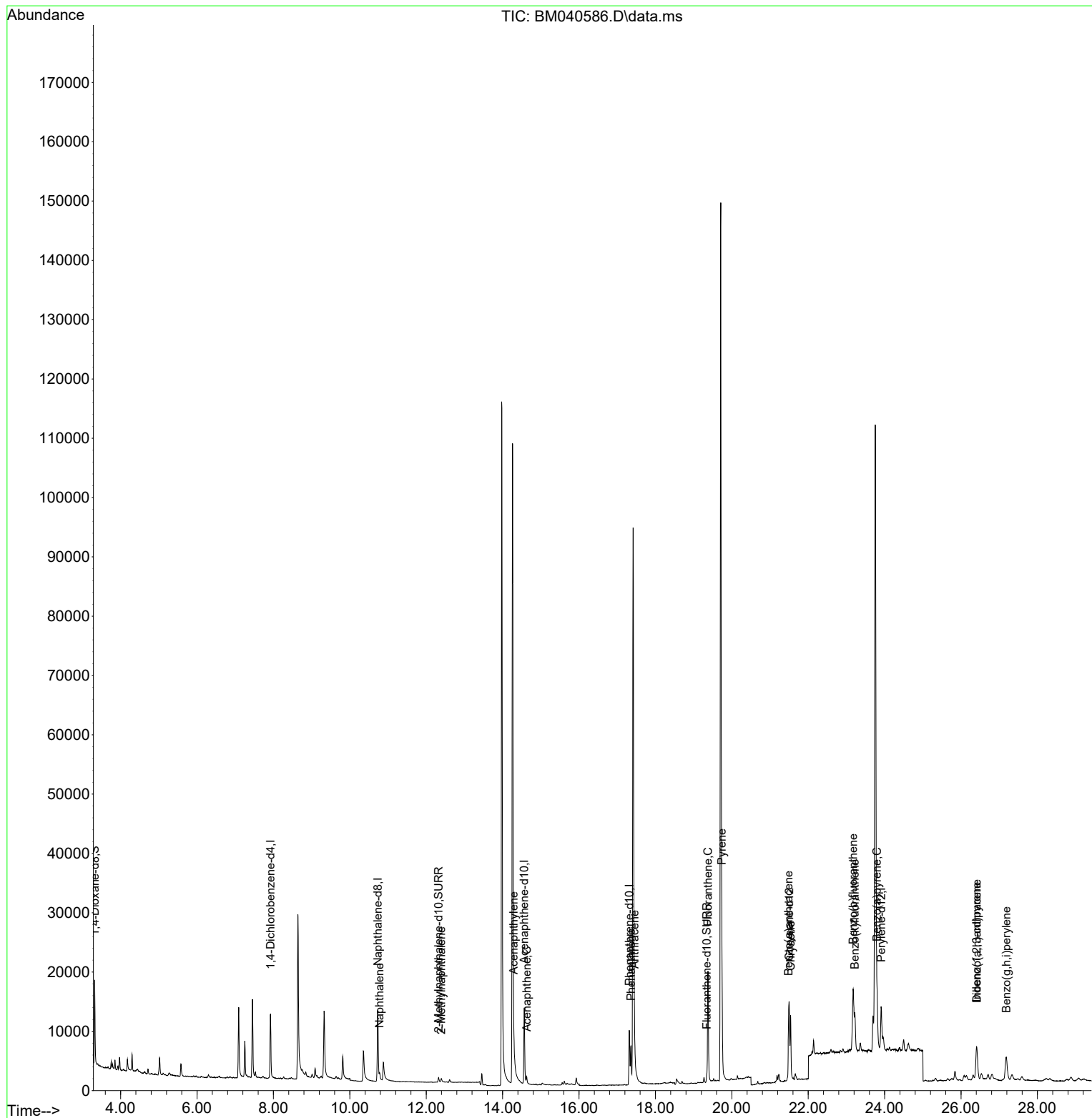
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040586.D
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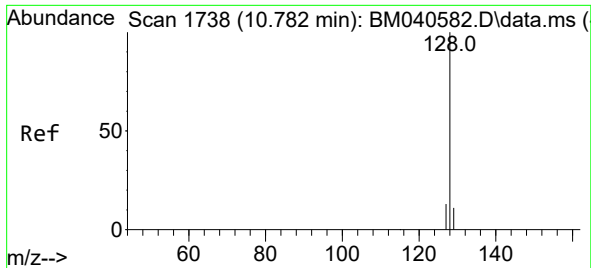
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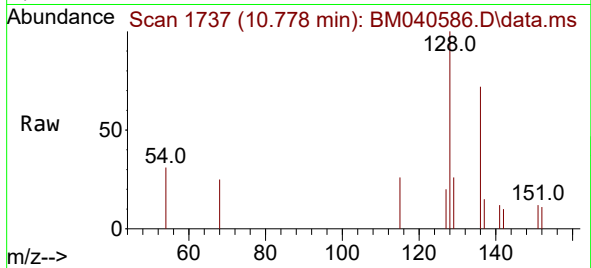
Quant Time: Jul 04 06:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

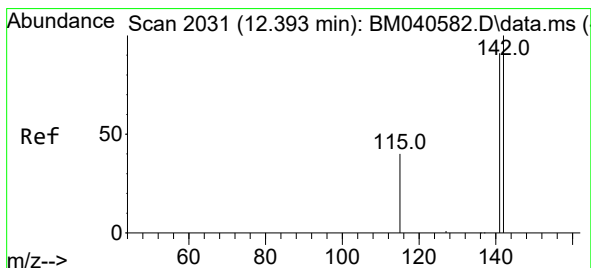
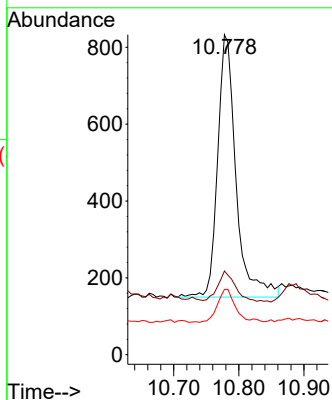
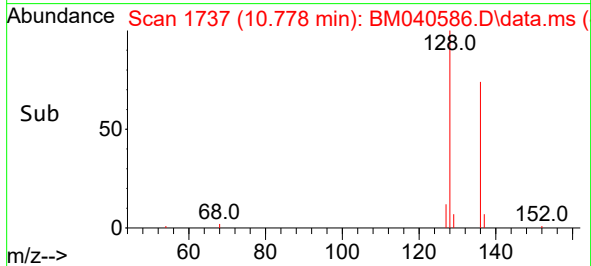
Instrument :
BNA_M
ClientSampleId :
DCGA2DL



Tgt Ion:128 Resp: 1338
Ion Ratio Lower Upper
128 100
129 26.2 9.2 13.8
127 20.4 10.6 15.8

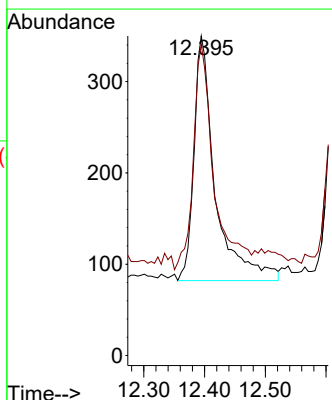
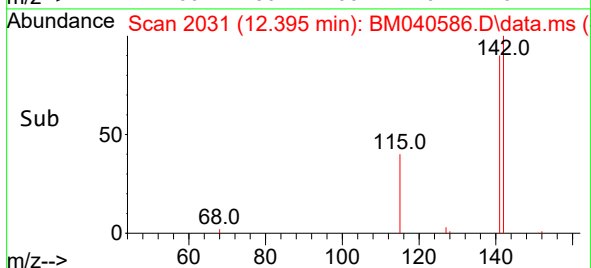
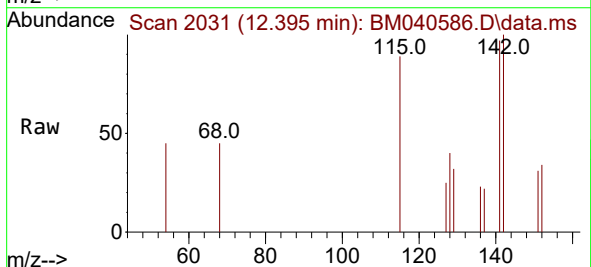
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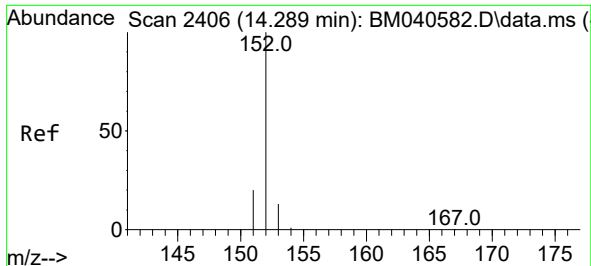
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

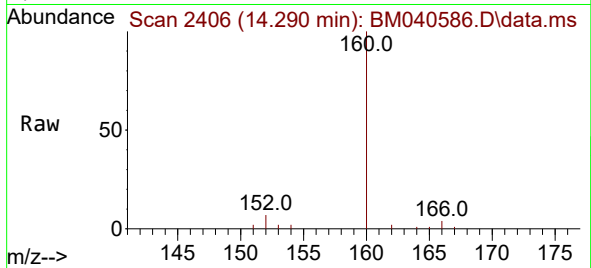
Tgt Ion:142 Resp: 653
Ion Ratio Lower Upper
142 100
141 100.5 71.9 107.9





#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

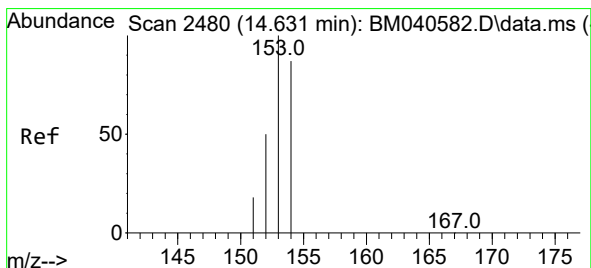
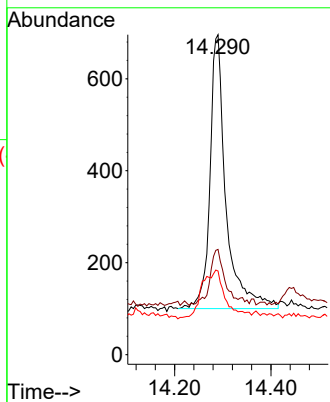
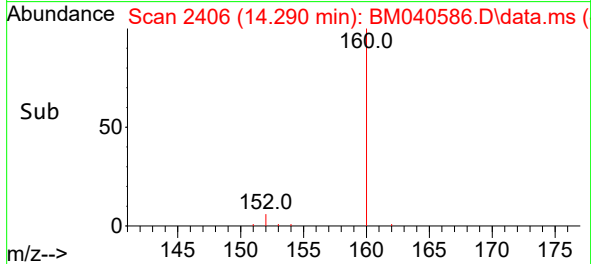
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 1380
Ion Ratio Lower Upper
152 100
151 32.9 16.2 24.2
153 26.1 10.9 16.3

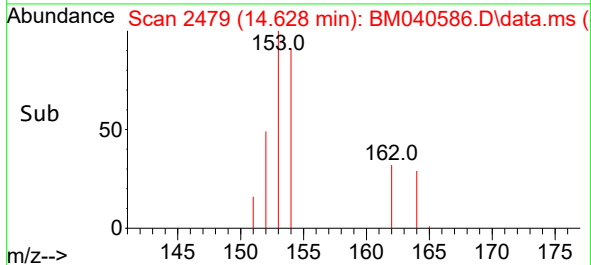
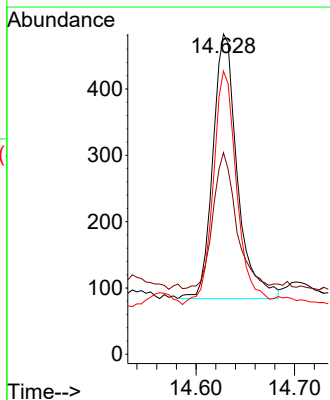
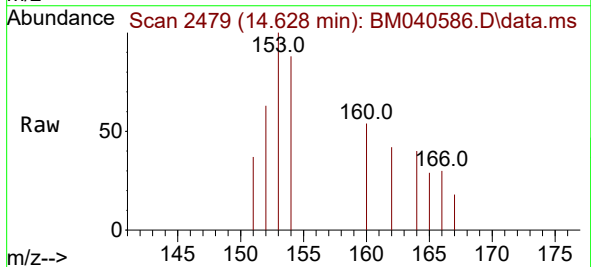
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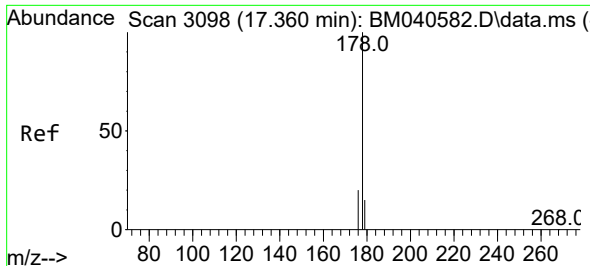
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

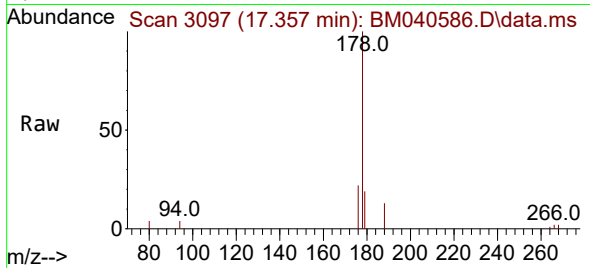
Tgt Ion:153 Resp: 689
Ion Ratio Lower Upper
153 100
152 62.9 41.0 61.4
154 88.4 70.8 106.2





#15
Phenanthrene
Concen: 0.189 ng/ul
RT: 17.357 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

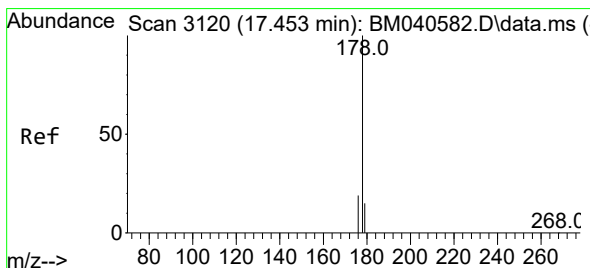
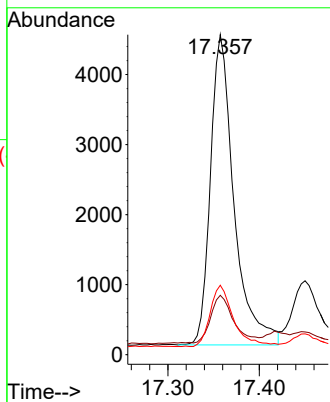
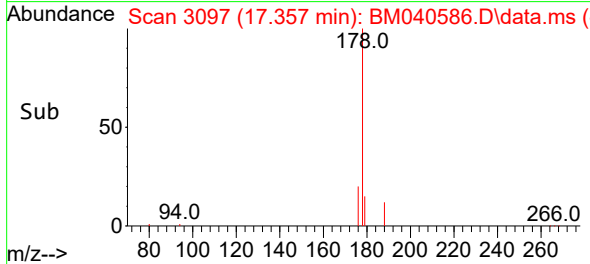
Instrument :
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ClientSampleId :
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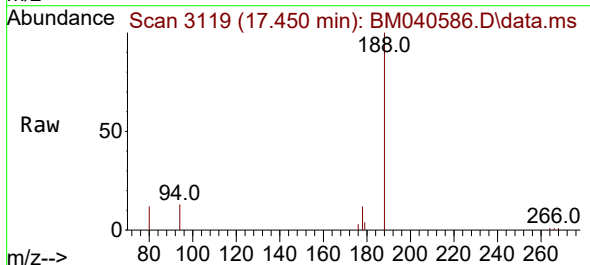
Tgt Ion:178 Resp: 7938
Ion Ratio Lower Upper
178 100
179 18.5 12.8 19.2
176 21.7 16.4 24.6

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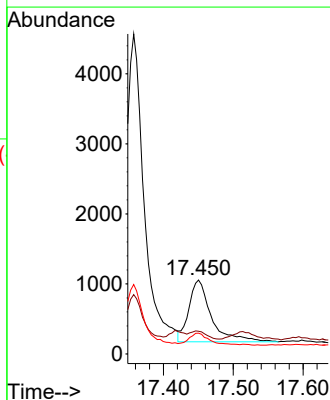
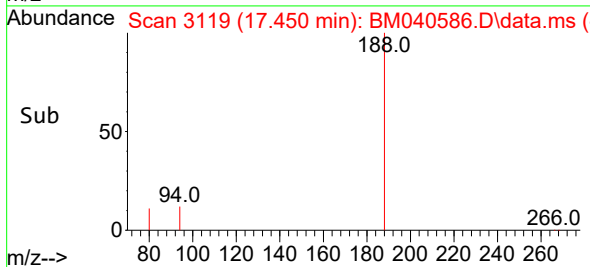
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

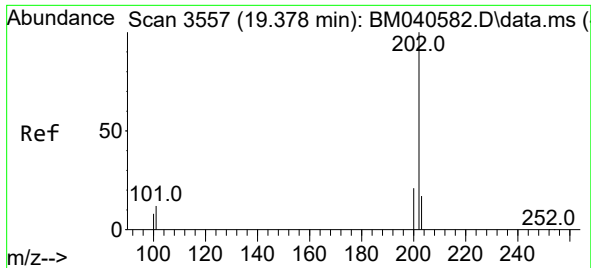


#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54



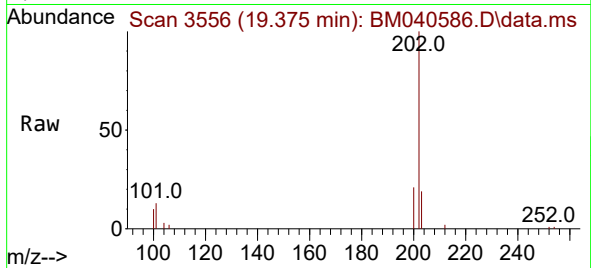
Tgt Ion:178 Resp: 1973
Ion Ratio Lower Upper
178 100
179 30.8 12.9 19.3#
176 28.1 15.8 23.6#





#19
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.375 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

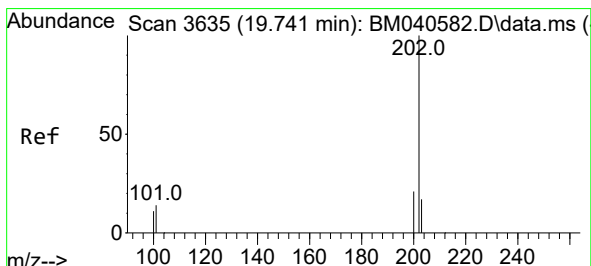
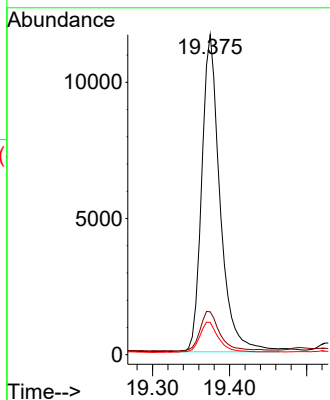
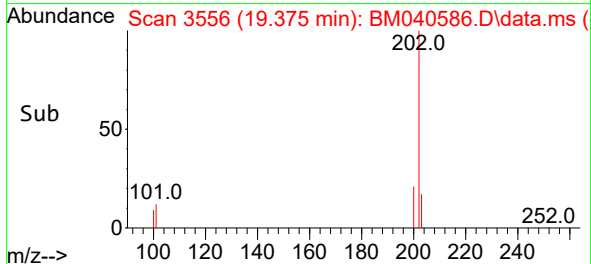
Instrument :
BNA_M
ClientSampleId :
DCGA2DL



Tgt Ion:202 Resp: 19270
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.1 8.7 13.1

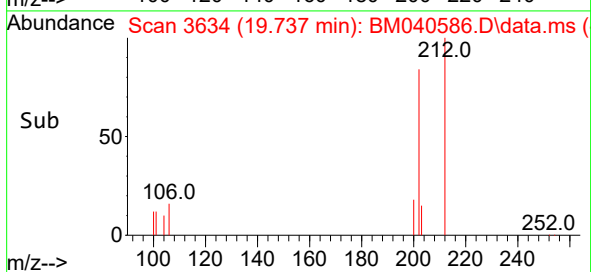
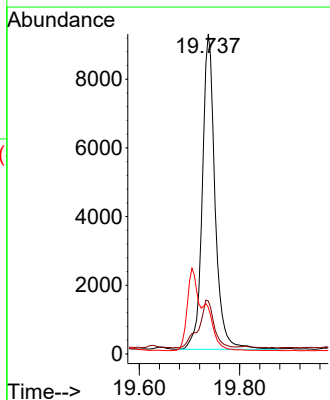
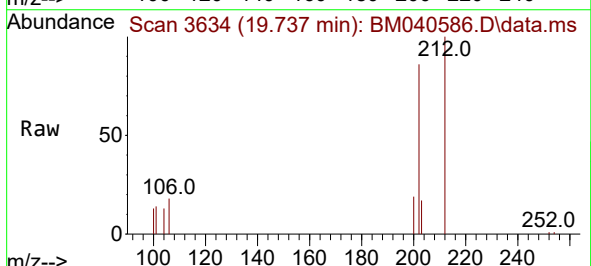
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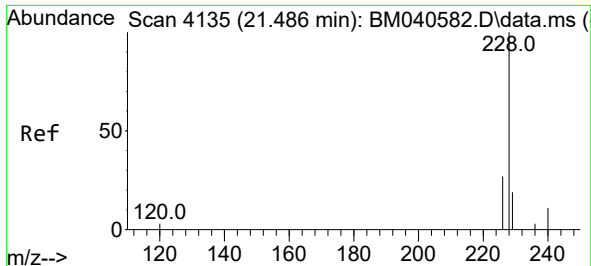
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

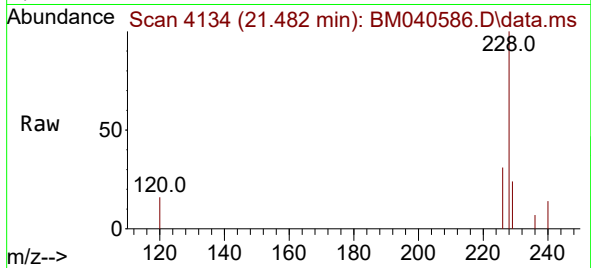
Tgt Ion:202 Resp: 16163
Ion Ratio Lower Upper
202 100
101 16.5 12.6 18.8
100 14.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.290 ng/ul
RT: 21.482 min Scan# 4134
Delta R.T. -0.006 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

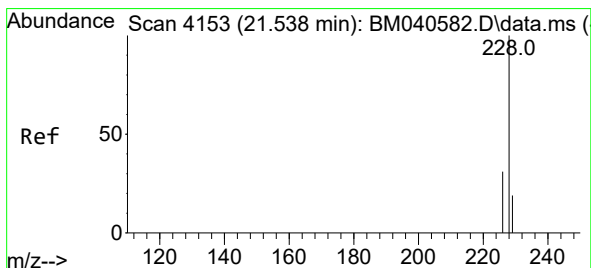
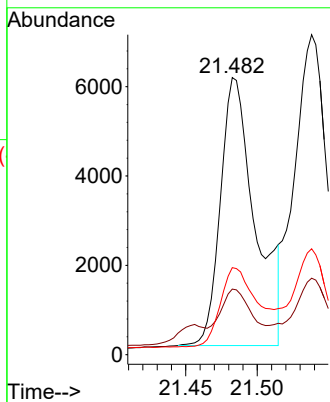
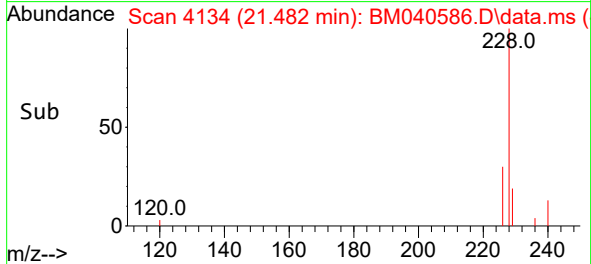
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Tgt Ion:228 Resp: 1012
Ion Ratio Lower Upper
228 100
229 23.7 16.0 24.0
226 31.4 22.3 33.5

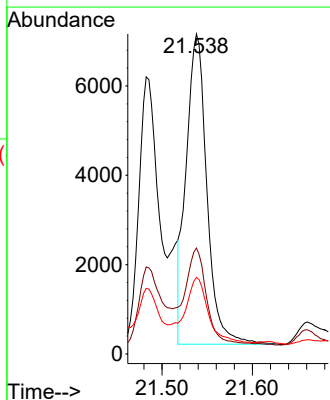
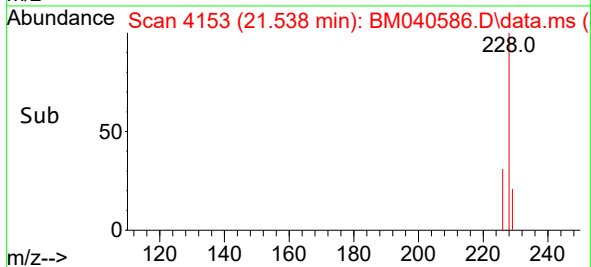
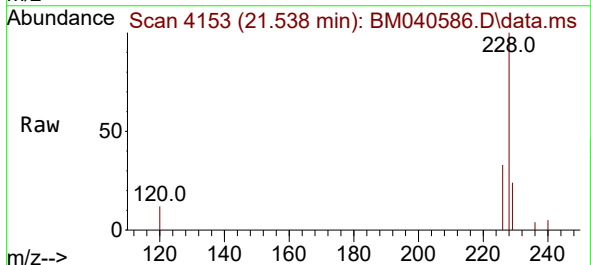
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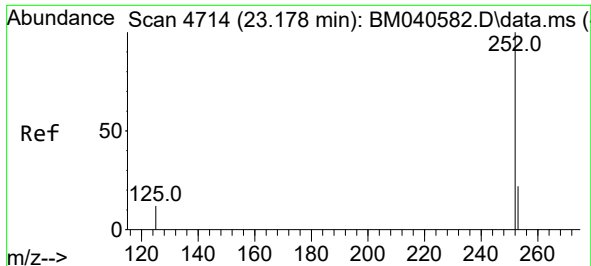
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 0.278 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

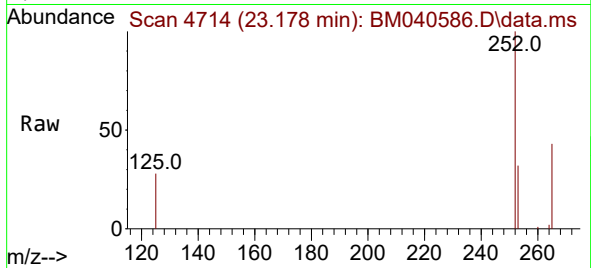
Tgt Ion:228 Resp: 11066
Ion Ratio Lower Upper
228 100
226 33.1 24.9 37.3
229 23.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

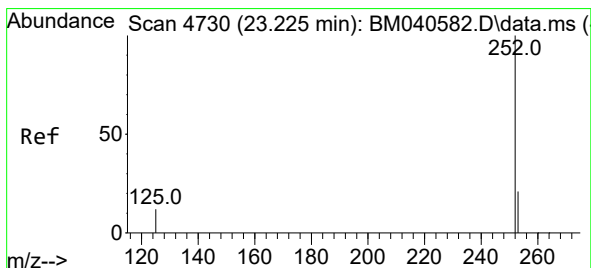
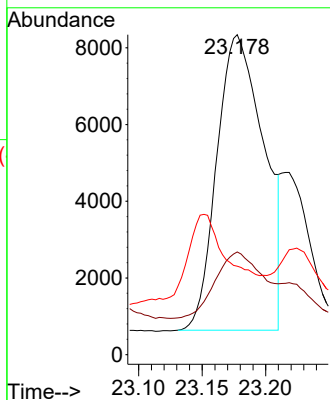
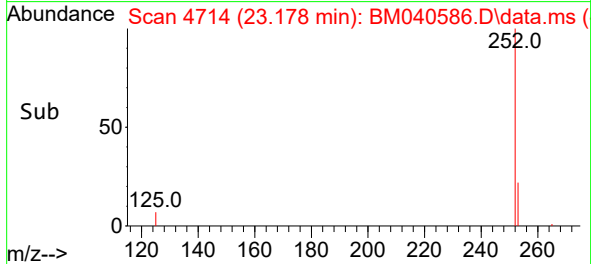
Instrument :
BNA_M
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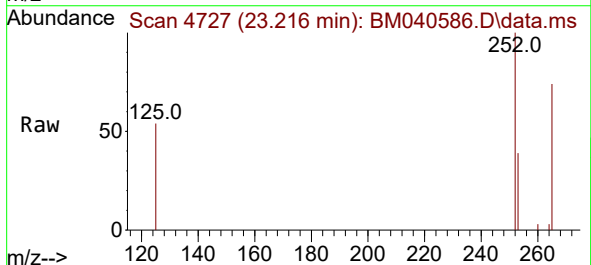
Tgt Ion:252 Resp: 1984
Ion Ratio Lower Upper
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253 32.1 0.0 52.8
125 27.6 0.0 43.0

Manual Integrations
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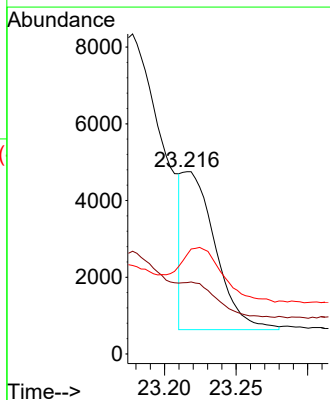
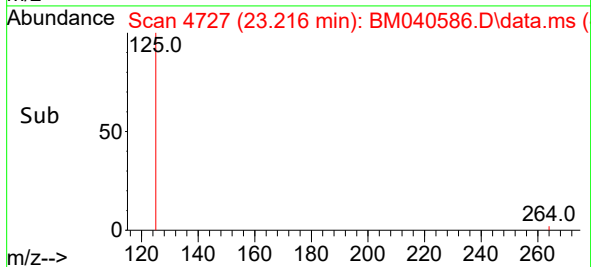
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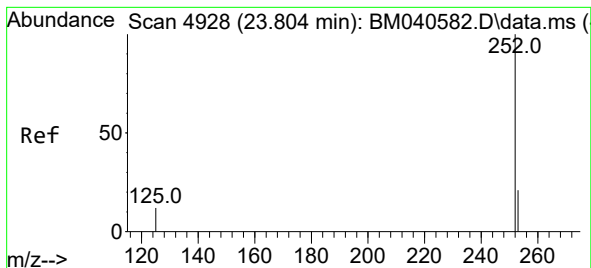


#25
Benzo(k)fluoranthene
Concen: 0.154 ng/ul m
RT: 23.216 min Scan# 4727
Delta R.T. -0.009 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54



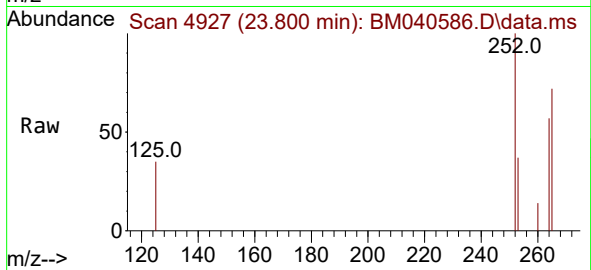
Tgt Ion:252 Resp: 6673
Ion Ratio Lower Upper
252 100
253 39.1 21.2 31.8#
125 54.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.800 min Scan# 4928
Delta R.T. -0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

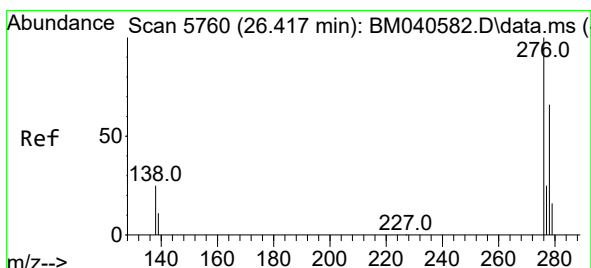
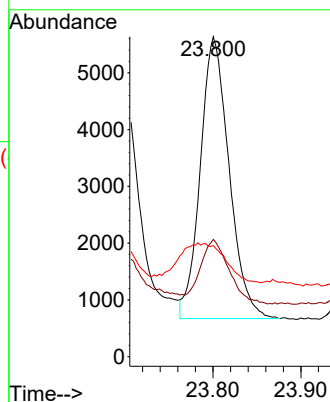
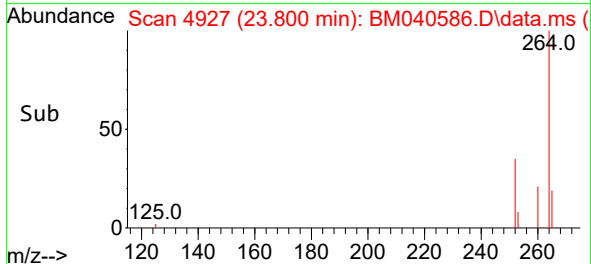
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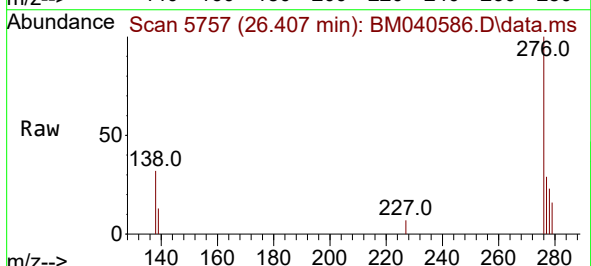
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Ion Ratio Lower Upper
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253 36.7 22.9 34.3#
125 34.7 21.0 31.4#

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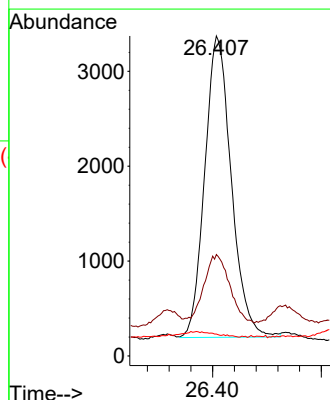
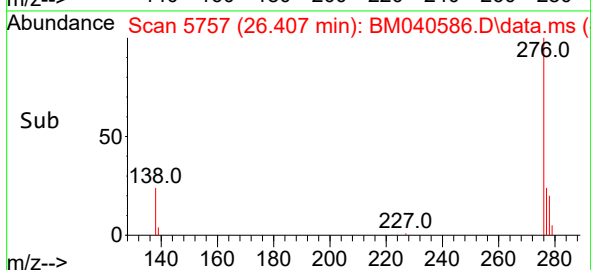
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

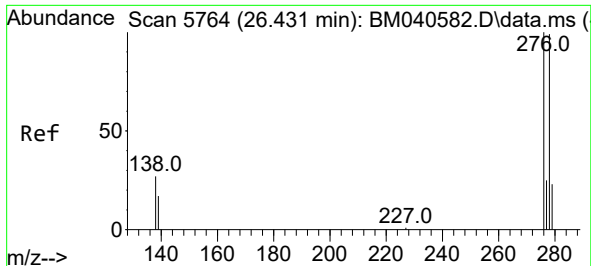


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54



Tgt Ion:276 Resp: 10756
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 26.413 min Scan# 51

Delta R.T. -0.017 min

Lab File: BM040586.D

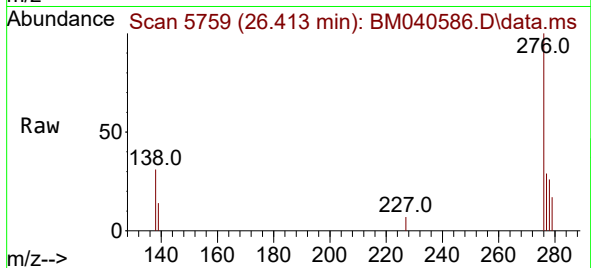
Acq: 03 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCGA2DL



Tgt Ion:278 Resp: 2624

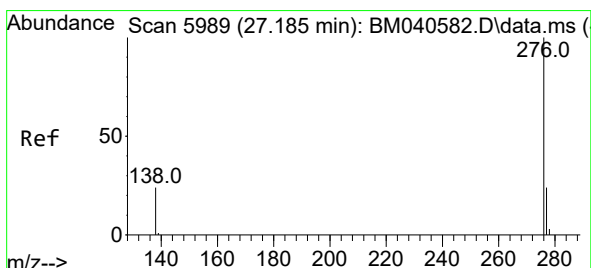
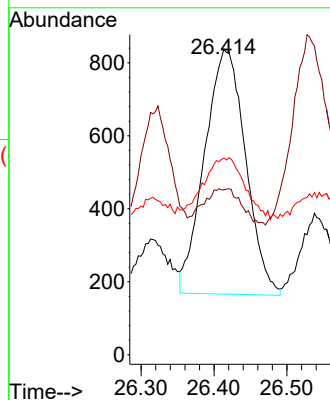
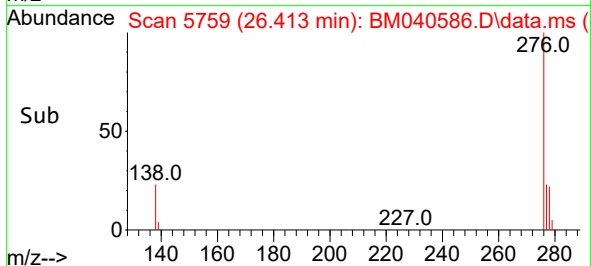
Ion	Ratio	Lower	Upper
278	100		
139	54.0	17.9	26.9
279	64.4	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#29

Benzo(g,h,i)perylene

Concen: 0.219 ng/ul

RT: 27.185 min Scan# 5989

Delta R.T. 0.003 min

Lab File: BM040586.D

Acq: 03 Jul 2023 21:54

Tgt Ion:276 Resp: 10632

Ion	Ratio	Lower	Upper
276	100		
138	33.2	23.0	34.6
277	27.7	20.3	30.5

