

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038308.D
 Acq On : 25 Dec 2022 15:08
 Operator : CG/JU
 Sample : N6017-20DL 5X
 Misc :
 ALS Vial : 117 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYG8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:56:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2615	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	8047	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.652	164	4562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	9014	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	6632	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	6618	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	1282	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	391	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	768	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	533	0.023	ng/ul#	66
7) 2-Methylnaphthalene	12.495	142	470	0.032	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	499	0.033	ng/ul	100
10) Acenaphthylene	14.374	152	573	0.023	ng/ul#	59
11) Acenaphthene	14.717	153	3690	0.205	ng/ul	99
12) Fluorene	15.698	166	3782	0.194	ng/ul	99
15) Phenanthrene	17.434	178	131805	4.369	ng/ul	99
16) Anthracene	17.527	178	25313	0.874	ng/ul	99
19) Fluoranthene	19.445	202	224460	6.178	ng/ul	96
20) Pyrene	19.808	202	164842m	4.490	ng/ul	
21) Benzo(a)anthracene	21.547	228	72293	2.485	ng/ul	99
22) Chrysene	21.603	228	75351	2.661	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	76582	2.614	ng/ul	88
25) Benzo(k)fluoranthene	23.307	252	24020m	0.854	ng/ul	
26) Benzo(a)pyrene	23.900	252	43757	1.712	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.562	276	30703	0.866	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.572	278	8218	0.298	ng/ul	92
29) Benzo(g,h,i)perylene	27.353	276	25731	0.863	ng/ul	96

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

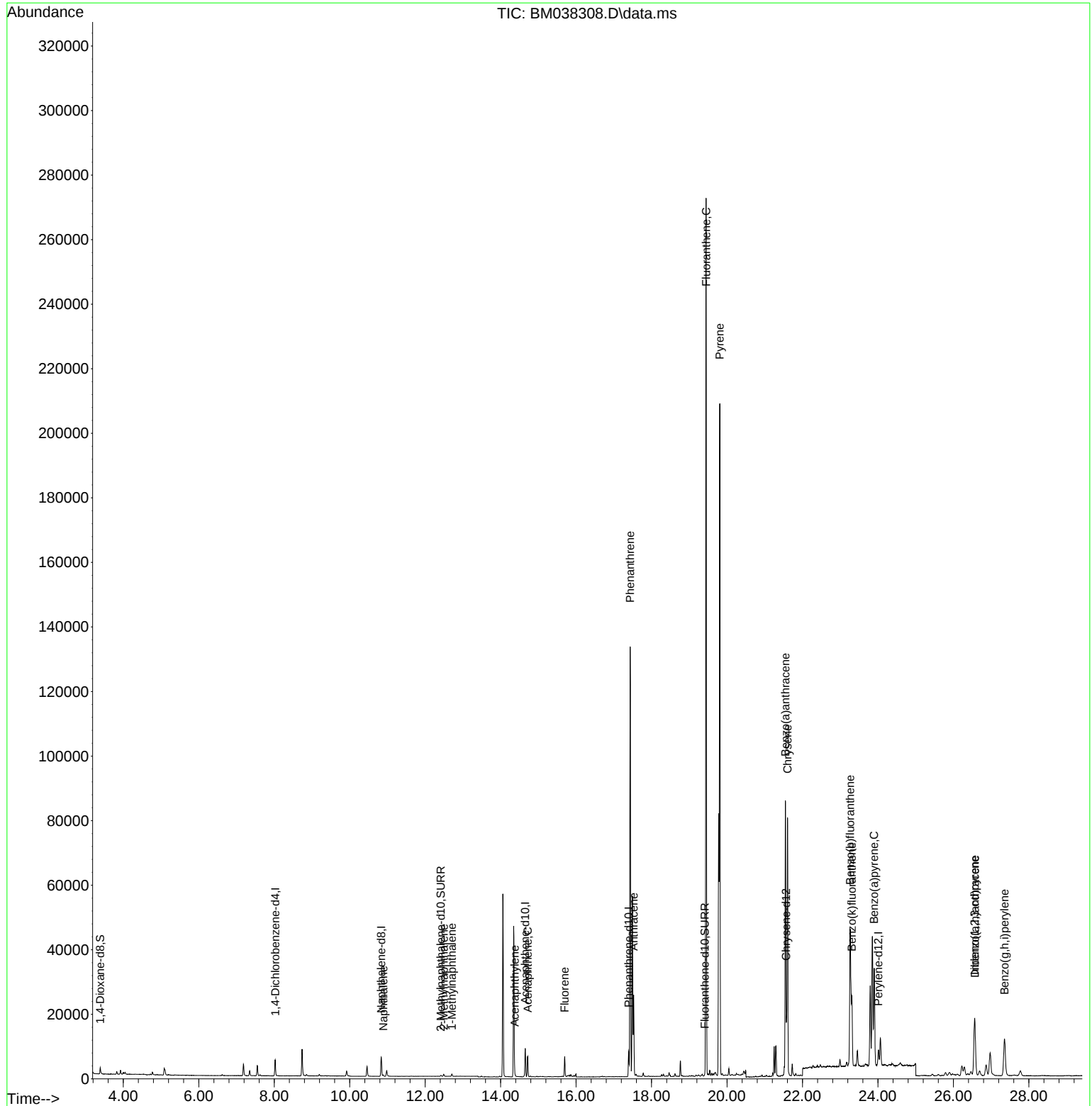
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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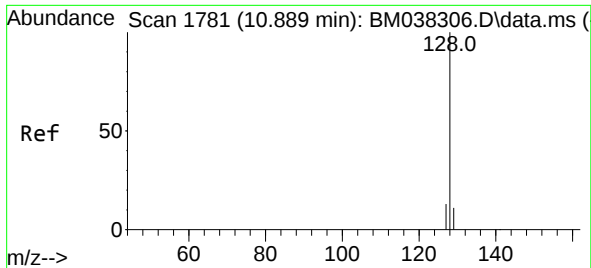
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Dec 25 23:56:07 2022
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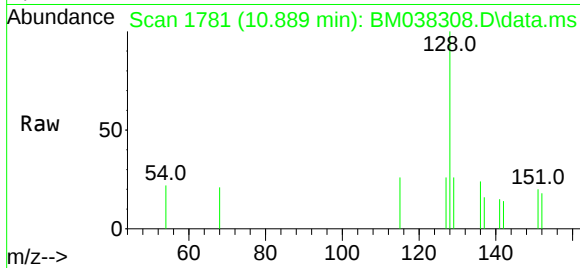
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

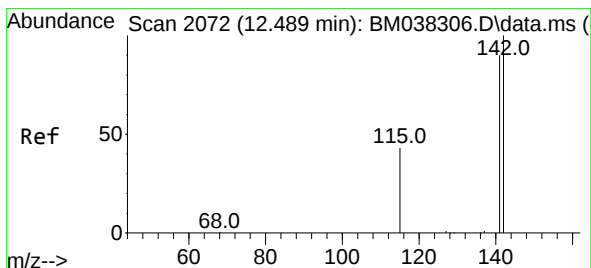
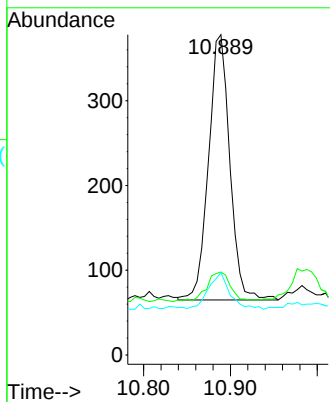
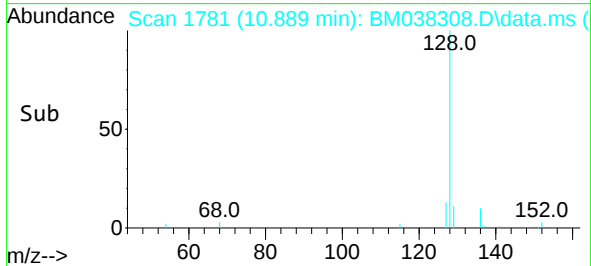
Instrument :
BNA_M
ClientSampleId :
DBYG8DL



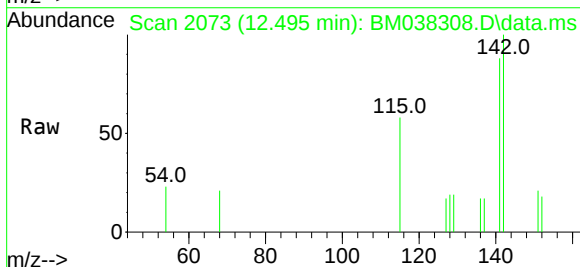
Tgt Ion:128 Resp: 531
Ion Ratio Lower Upper
128 100
129 25.9 9.4 14.0
127 25.7 10.7 16.1

Manual Integrations
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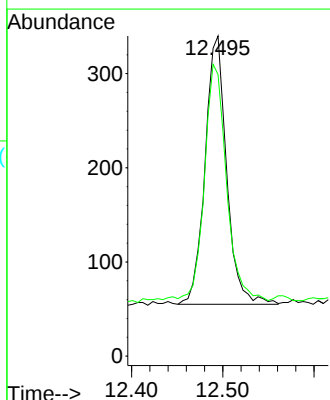
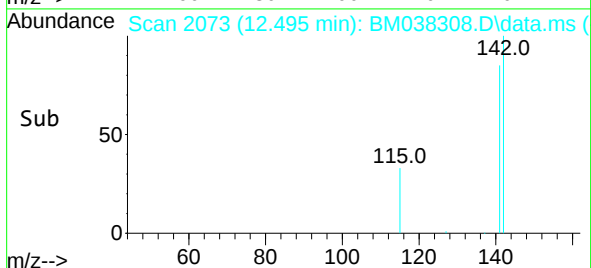
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

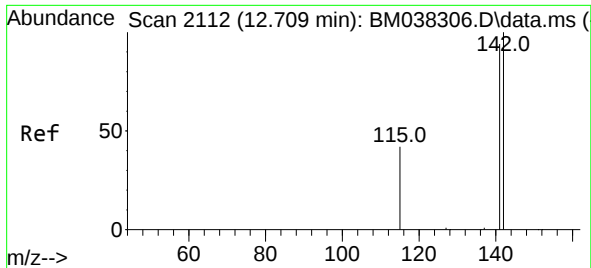


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08



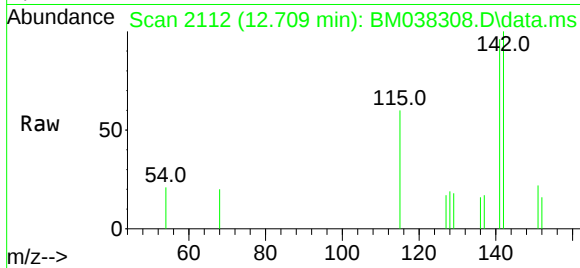
Tgt Ion:142 Resp: 470
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

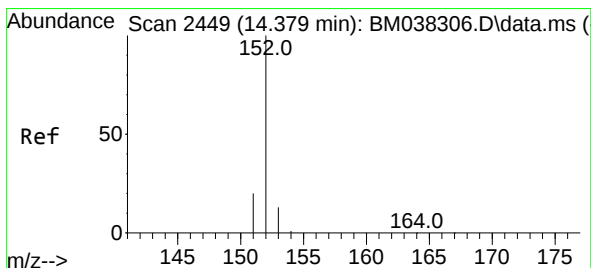
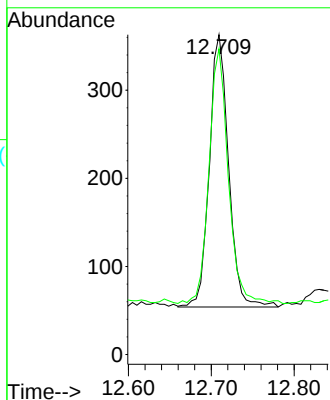
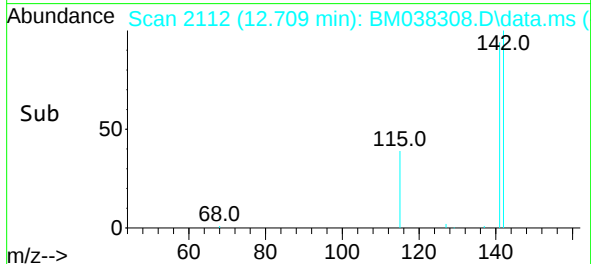
Instrument :
BNA_M
ClientSampleId :
DBYG8DL



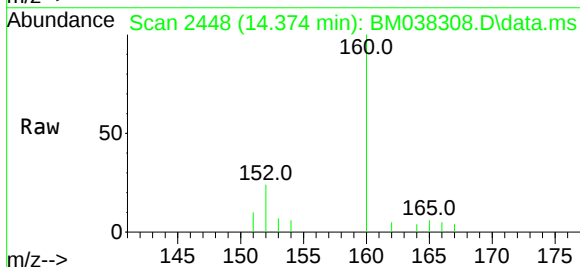
Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1

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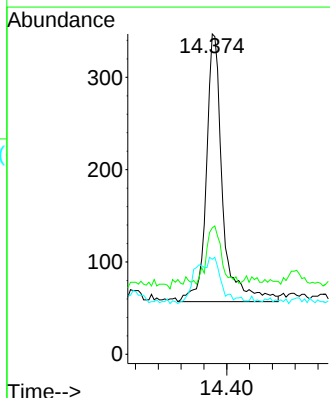
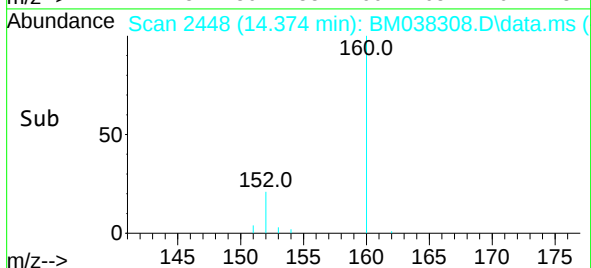
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

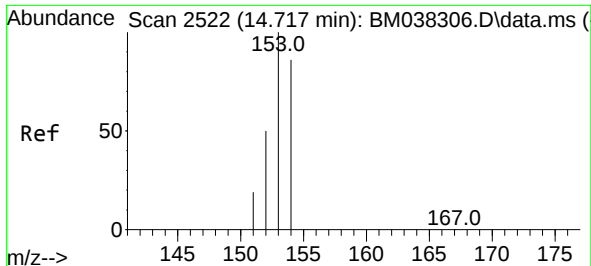


#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08



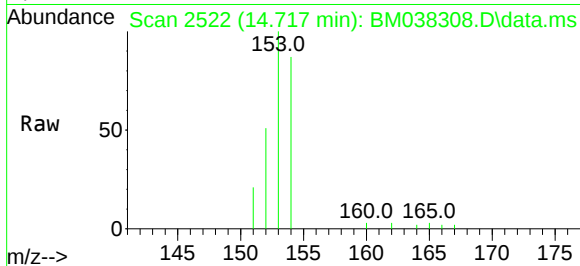
Tgt Ion:152 Resp: 573
Ion Ratio Lower Upper
152 100
151 39.5 16.2 24.2#
153 29.7 10.7 16.1#





#11
Acenaphthene
Concen: 0.205 ng/u1
RT: 14.717 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

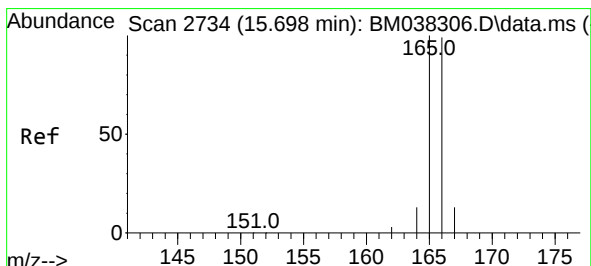
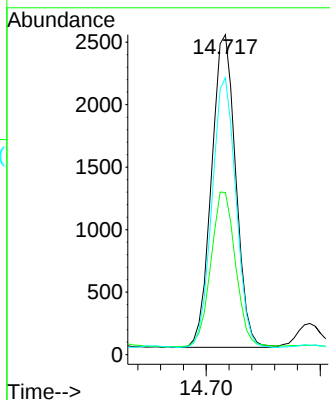
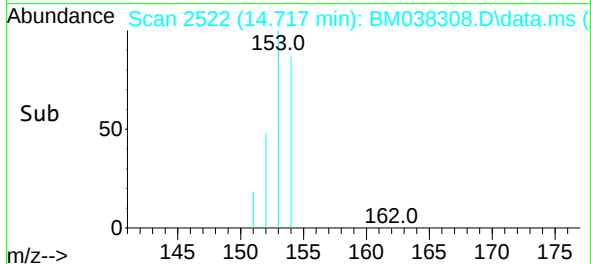
Instrument :
BNA_M
ClientSampleId :
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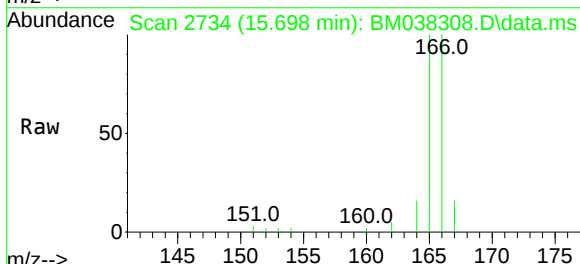
Tgt Ion:153 Resp: 3690
Ion Ratio Lower Upper
153 100
152 50.7 39.4 59.0
154 86.6 69.0 103.4

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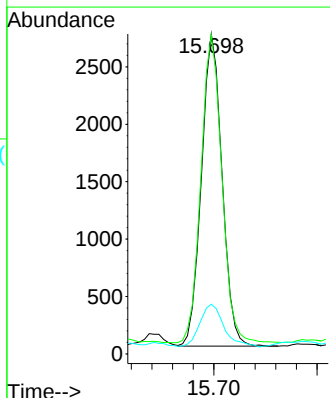
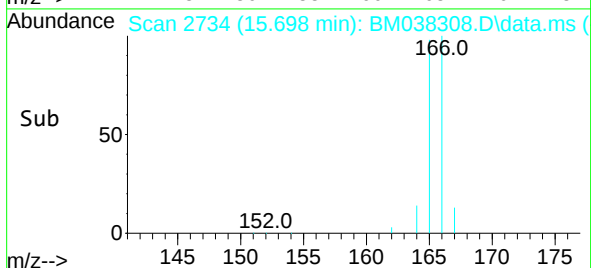
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

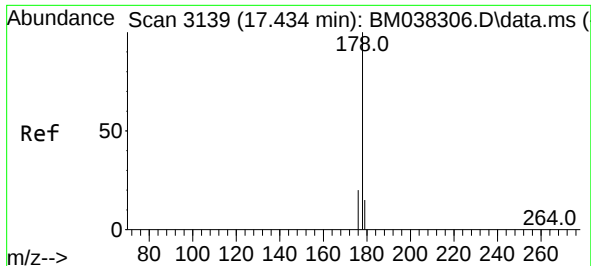


#12
Fluorene
Concen: 0.194 ng/u1
RT: 15.698 min Scan# 2734
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08



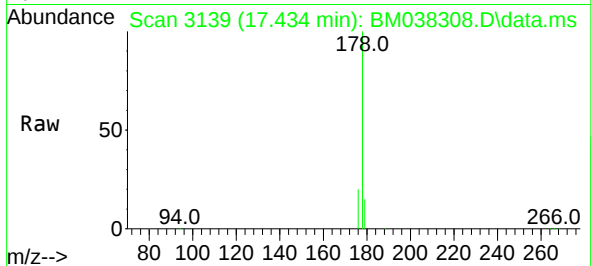
Tgt Ion:166 Resp: 3782
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 15.5 11.0 16.6





#15
Phenanthrene
Concen: 4.369 ng/u1
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

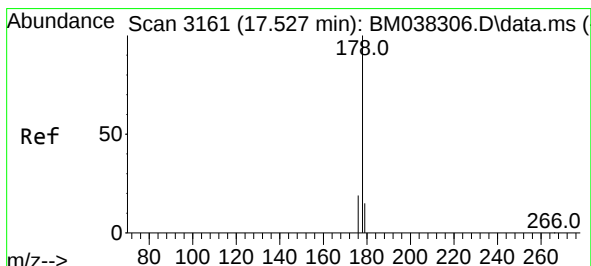
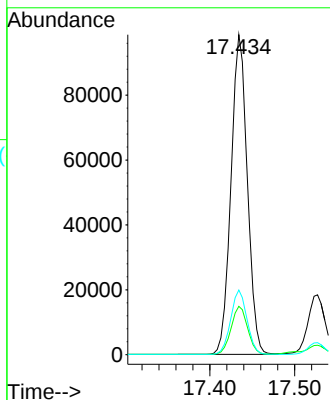
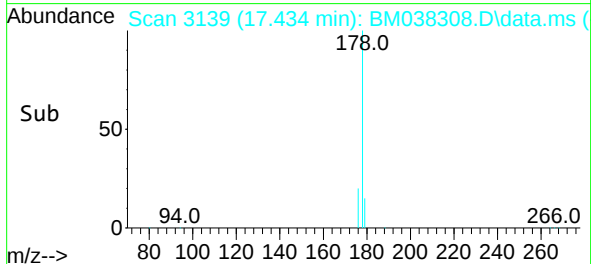
Instrument :
BNA_M
ClientSampleId :
DBYG8DL



Tgt Ion:178 Resp: 131809
Ion Ratio Lower Upper
178 100
179 15.1 13.0 19.4
176 20.2 16.2 24.4

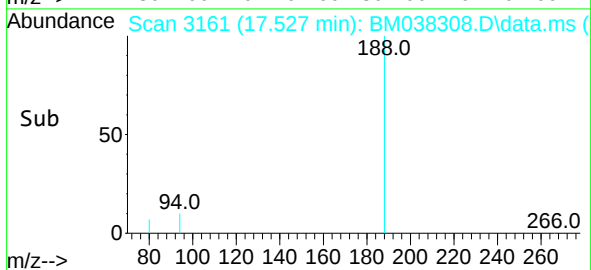
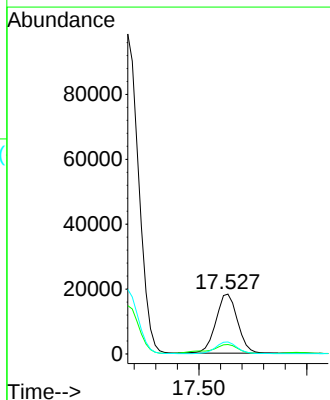
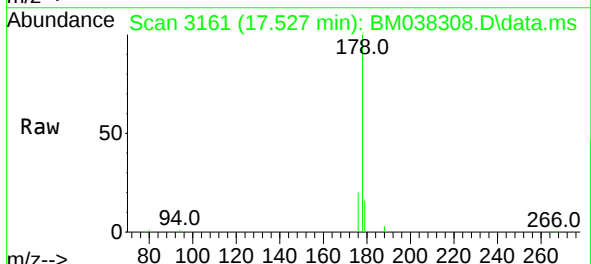
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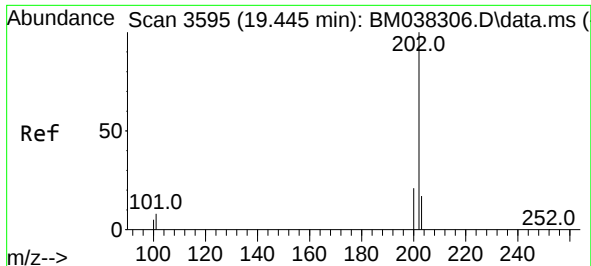
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#16
Anthracene
Concen: 0.874 ng/u1
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

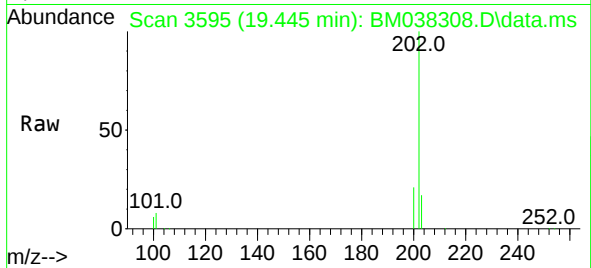
Tgt Ion:178 Resp: 25313
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.1 15.6 23.4





#19
Fluoranthene
Concen: 6.178 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

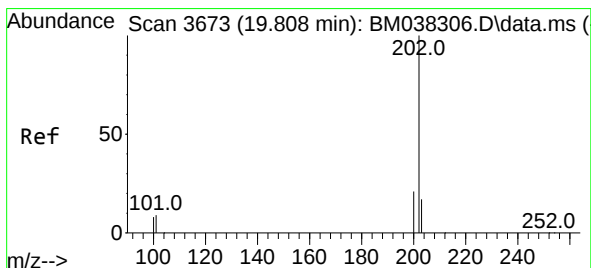
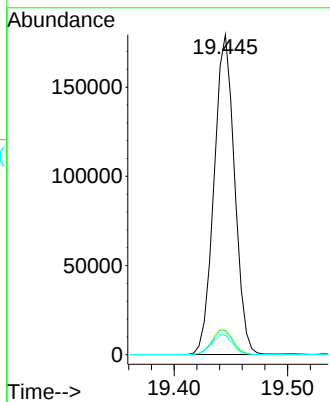
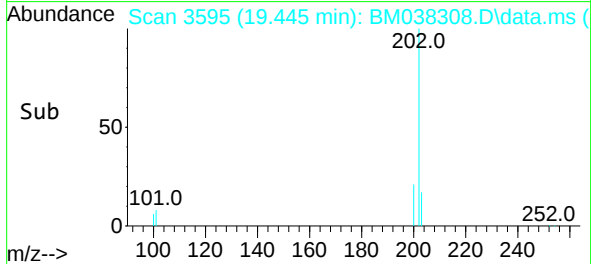
Instrument :
BNA_M
ClientSampleId :
DBYG8DL



Tgt Ion:202 Resp: 224460
Ion Ratio Lower Upper
202 100
101 7.6 7.5 11.3
100 6.1 5.6 8.4

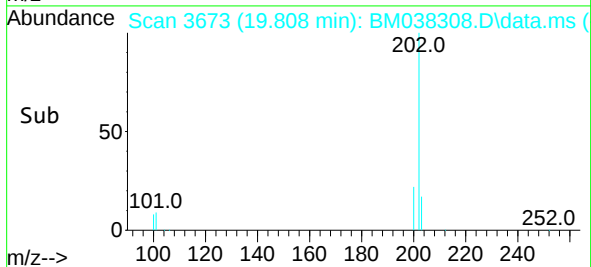
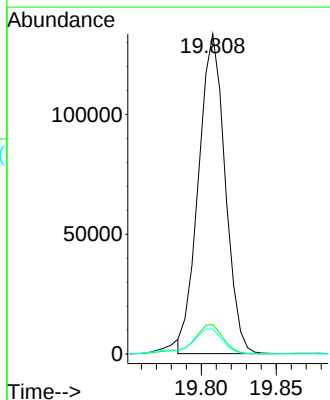
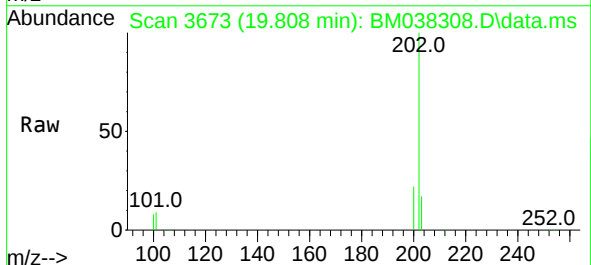
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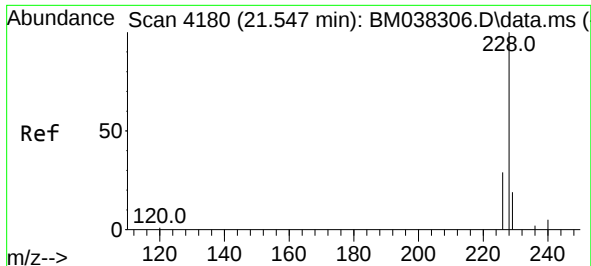
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 4.490 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

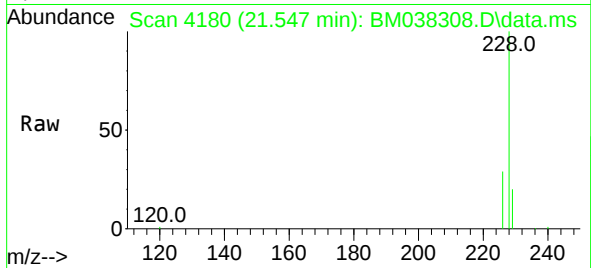
Tgt Ion:202 Resp: 164842
Ion Ratio Lower Upper
202 100
101 9.2 8.9 13.3
100 7.8 7.4 11.0





#21
Benzo(a)anthracene
Concen: 2.485 ng/uI
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

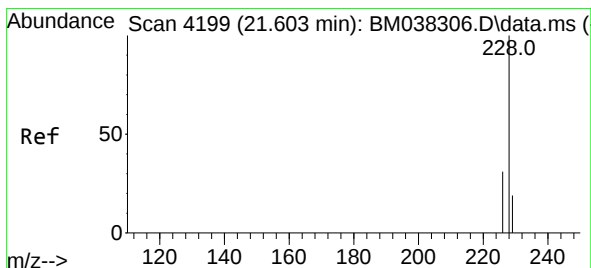
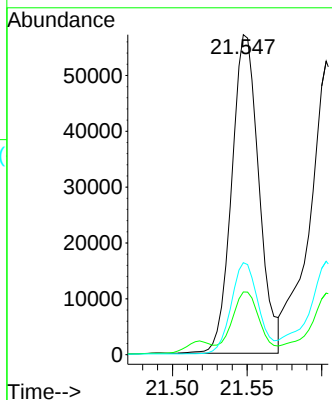
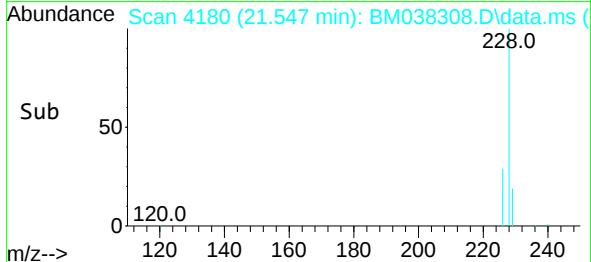
Instrument :
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Tgt Ion:228 Resp: 7229
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.8 22.2 33.2

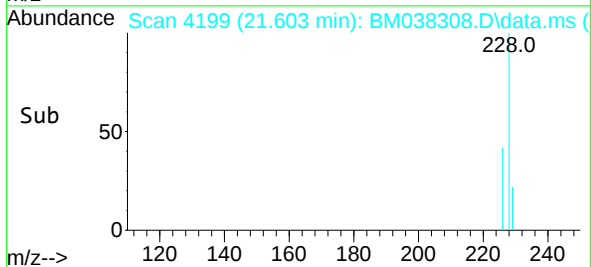
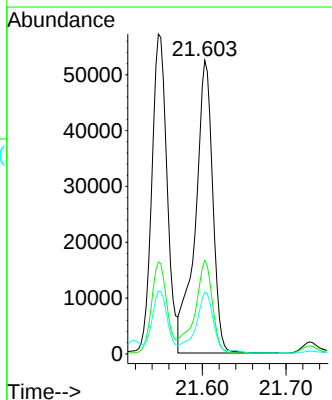
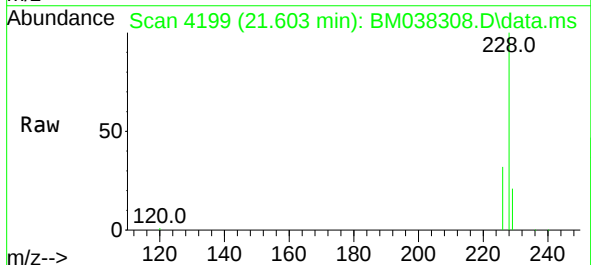
Manual Integrations
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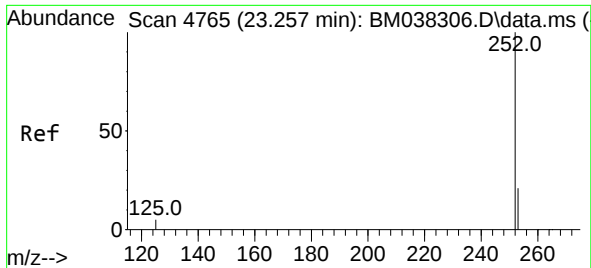
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#22
Chrysene
Concen: 2.661 ng/uI
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

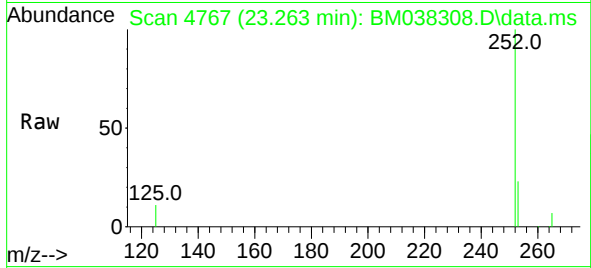
Tgt Ion:228 Resp: 75351
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 21.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.614 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

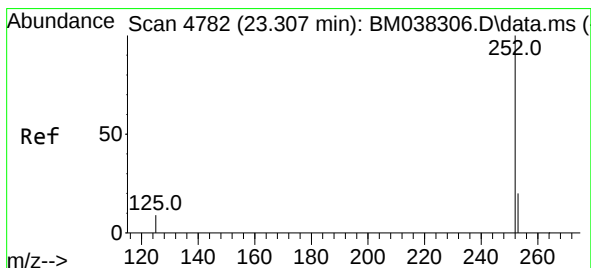
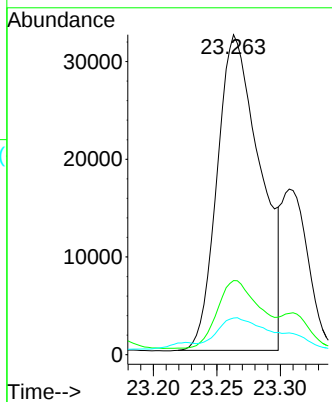
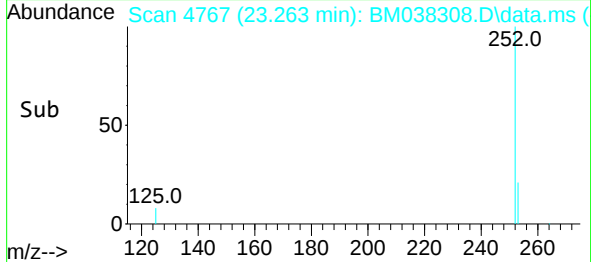
Instrument :
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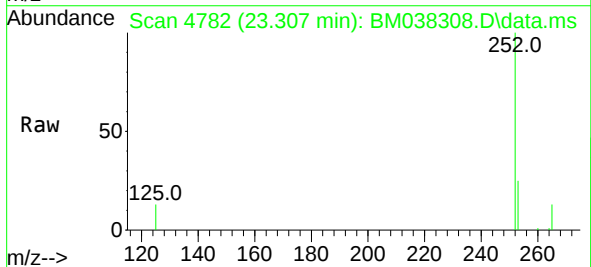
Tgt Ion:252 Resp: 7658
Ion Ratio Lower Upper
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253 23.1 0.0 56.0
125 11.5 0.0 36.6

Manual Integrations
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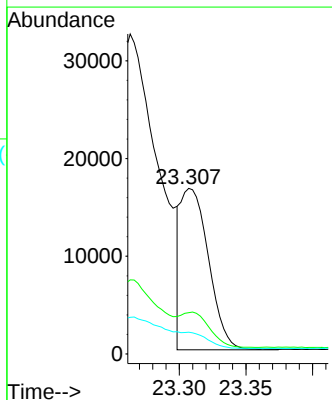
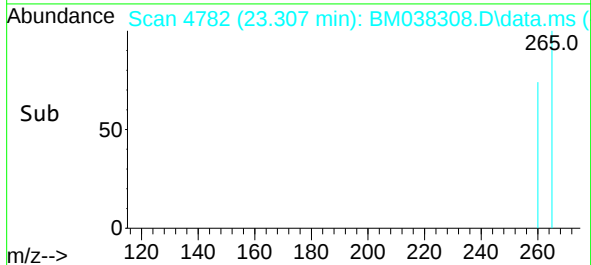
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

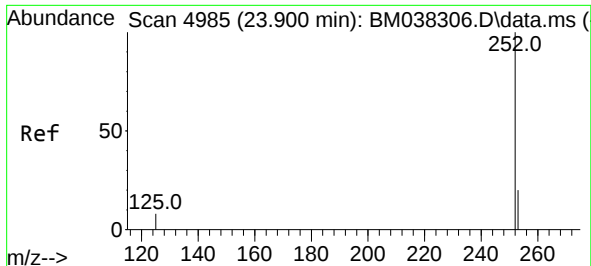


#25
Benzo(k)fluoranthene
Concen: 0.854 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08



Tgt Ion:252 Resp: 24020
Ion Ratio Lower Upper
252 100
253 24.9 22.5 33.7
125 13.1 14.4 21.6#





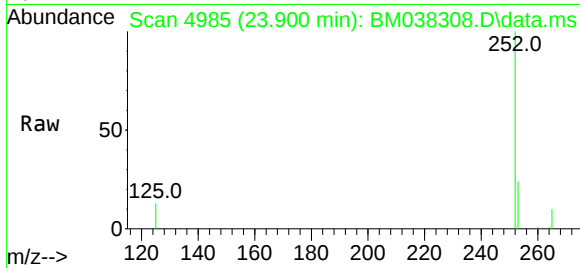
#26
Benzo(a)pyrene
Concen: 1.712 ng/ul
RT: 23.900 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

Instrument :

BNA_M

ClientSampleId :

DBYG8DL

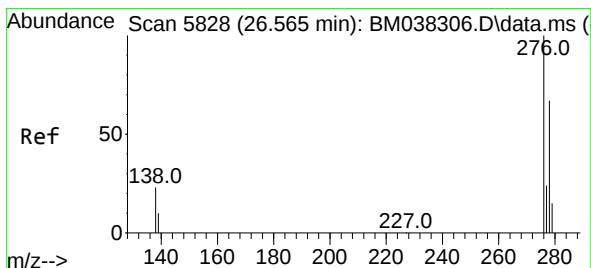
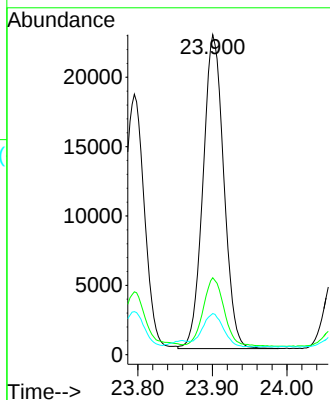
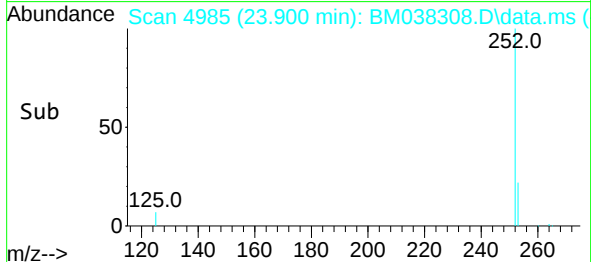


Tgt Ion:252 Resp: 4375
Ion Ratio Lower Upper
252 100
253 24.1 24.2 36.4#
125 12.9 17.3 25.9#

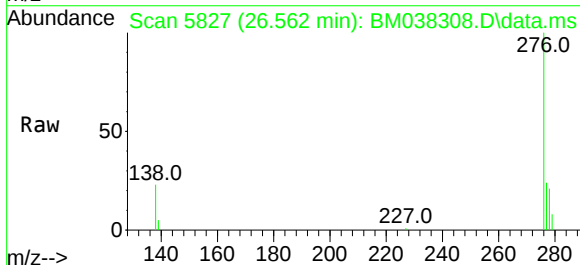
Manual Integrations

APPROVED

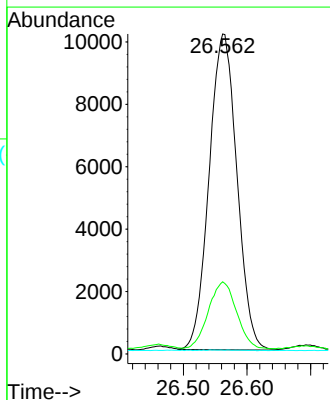
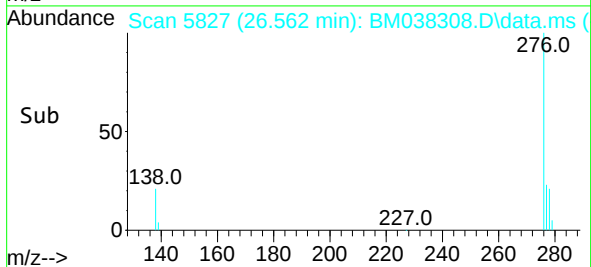
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

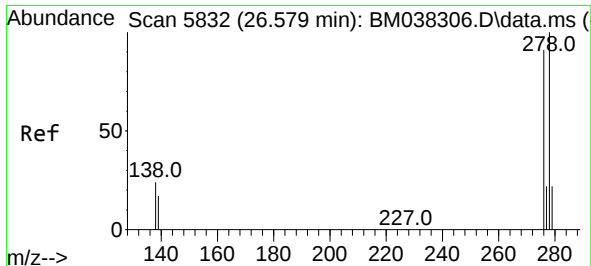


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.866 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08



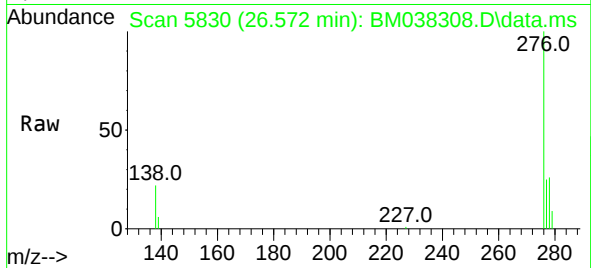
Tgt Ion:276 Resp: 30703
Ion Ratio Lower Upper
276 100
138 21.4 21.7 32.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.572 min Scan# 5832
Delta R.T. -0.017 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08

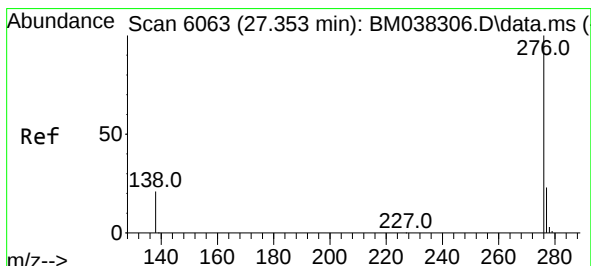
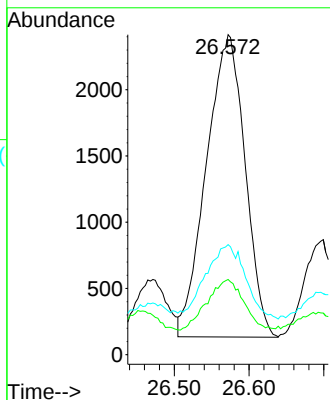
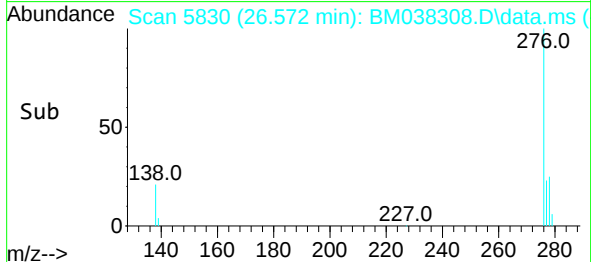
Instrument :
BNA_M
ClientSampleId :
DBYG8DL



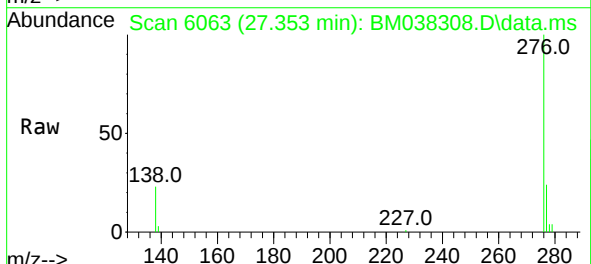
Tgt Ion:278 Resp: 8218
Ion Ratio Lower Upper
278 100
139 23.5 16.8 25.2
279 34.4 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#29
Benzo(g,h,i)perylene
Concen: 0.863 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038308.D
Acq: 25 Dec 2022 15:08



Tgt Ion:276 Resp: 25731
Ion Ratio Lower Upper
276 100
138 23.2 20.8 31.2
277 24.4 20.5 30.7

