

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038301.D
 Acq On : 25 Dec 2022 10:04
 Operator : CG/JU
 Sample : N6018-17DL 5X
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYK2DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 00:30:21 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	2884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	8794	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10486	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	7372	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7475	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	2252	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	690	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	1376	0.050	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.889	128	1125	0.044	ng/ul#	83
7) 2-Methylnaphthalene	12.489	142	526	0.033	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	343	0.021	ng/ul	97
10) Acenaphthylene	14.375	152	2913	0.102	ng/ul#	92
12) Fluorene	15.698	166	446	0.020	ng/ul#	85
15) Phenanthrene	17.434	178	8479	0.242	ng/ul	99
16) Anthracene	17.527	178	4437	0.132	ng/ul	96
19) Fluoranthene	19.445	202	23924	0.592	ng/ul	97
20) Pyrene	19.808	202	20260m	0.496	ng/ul	
21) Benzo(a)anthracene	21.547	228	14590	0.451	ng/ul	96
22) Chrysene	21.603	228	19060	0.606	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	25643m	0.775	ng/ul	
25) Benzo(k)fluoranthene	23.304	252	9338m	0.294	ng/ul	
26) Benzo(a)pyrene	23.901	252	16435	0.569	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.558	276	12363	0.309	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.569	278	3254	0.105	ng/ul#	64
29) Benzo(g,h,i)perylene	27.353	276	11977	0.355	ng/ul	98

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

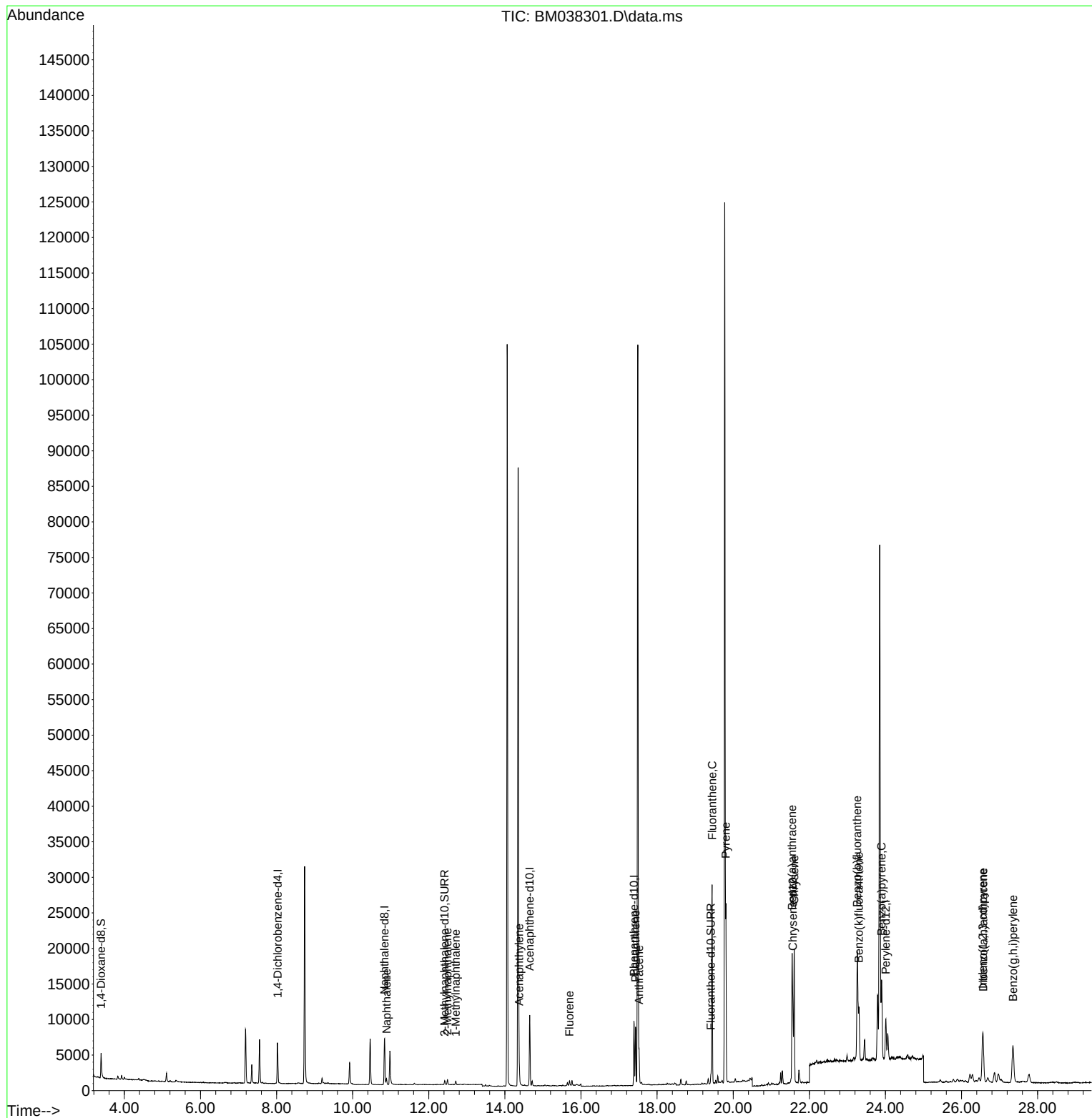
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038301.D
Acq On : 25 Dec 2022 10:04
Operator : CG/JU
Sample : N6018-17DL 5X
Misc :
ALS Vial : 110 Sample Multiplier: 1

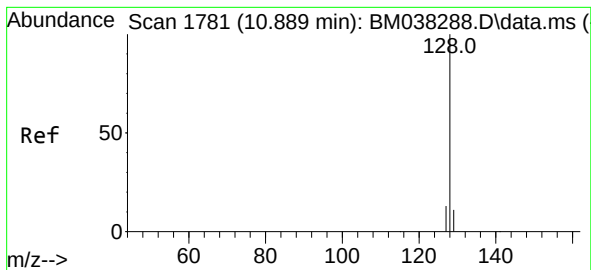
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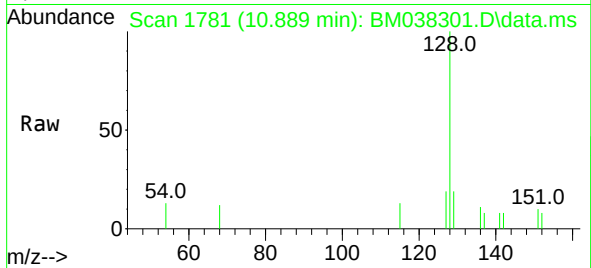
Quant Time: Dec 26 00:30:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

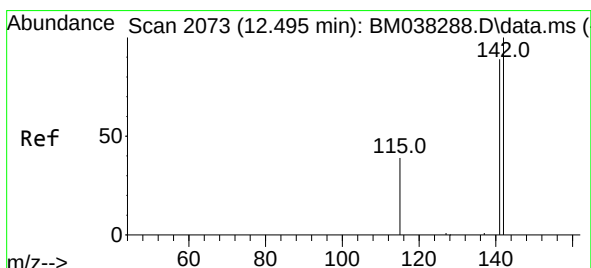
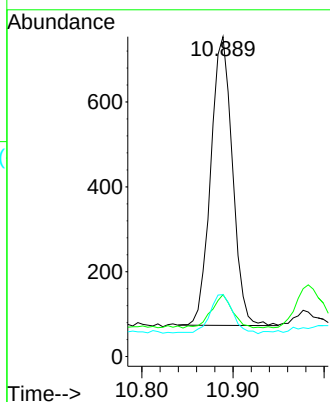
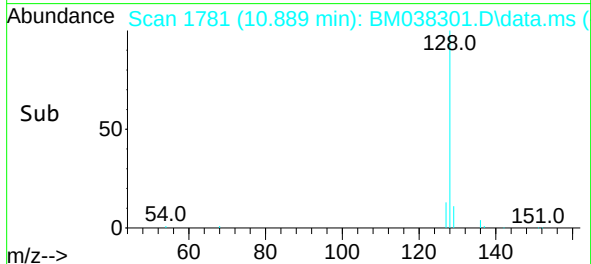
Instrument :
BNA_M
ClientSampleId :
DBYK2DL



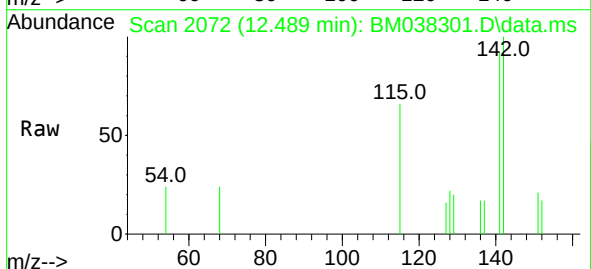
Tgt Ion:128 Resp: 1125
Ion Ratio Lower Upper
128 100
129 19.4 9.4 14.0
127 19.4 10.7 16.1

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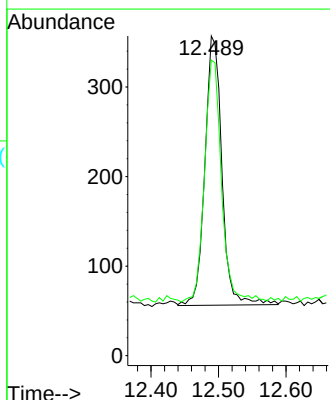
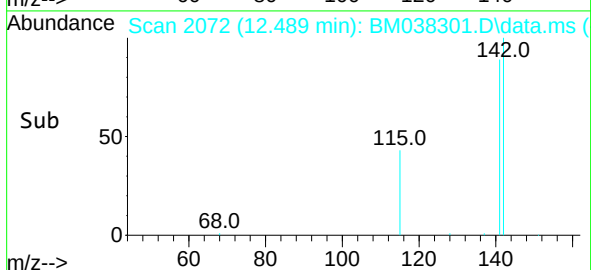
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

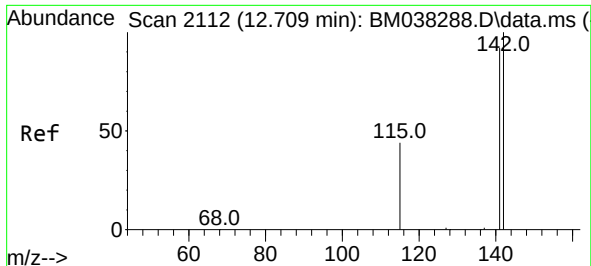


#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04



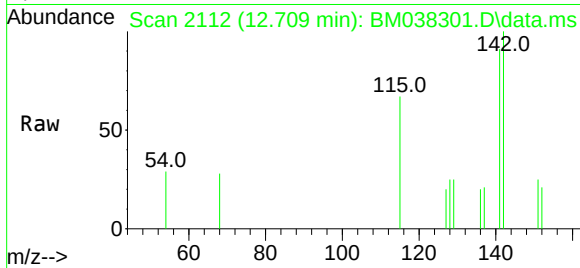
Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

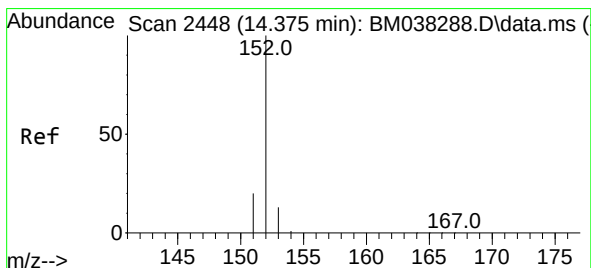
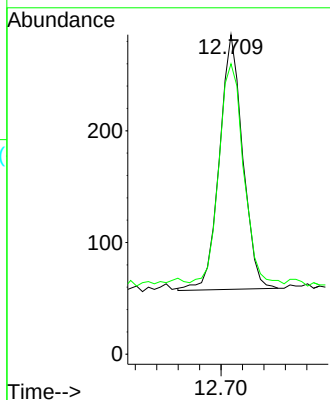
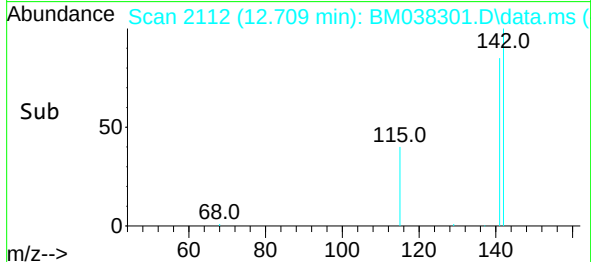
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 341
Ion Ratio Lower Upper
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141 91.0 74.7 112.1

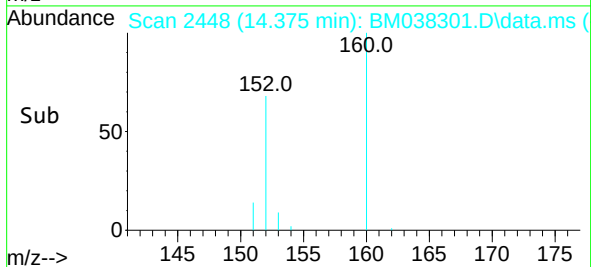
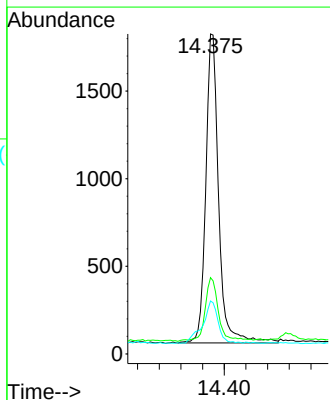
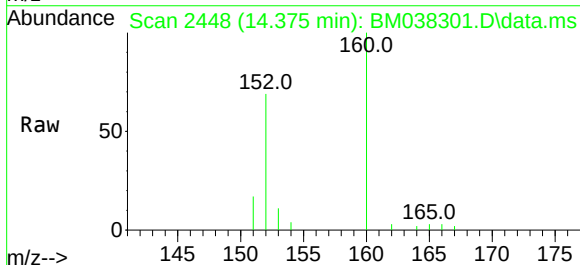
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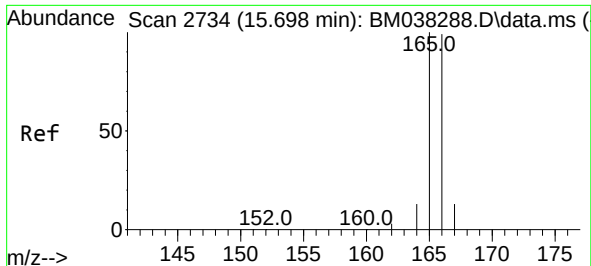
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

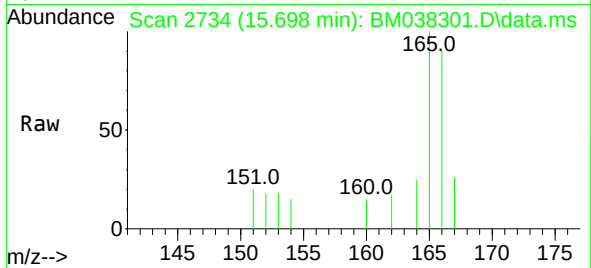
Tgt Ion:152 Resp: 2913
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.2
153 16.5 10.7 16.1#





#12
Fluorene
Concen: 0.020 ng/u1
RT: 15.698 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

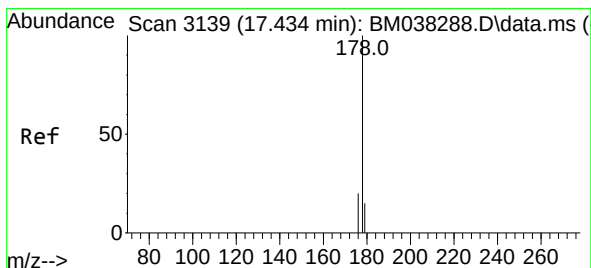
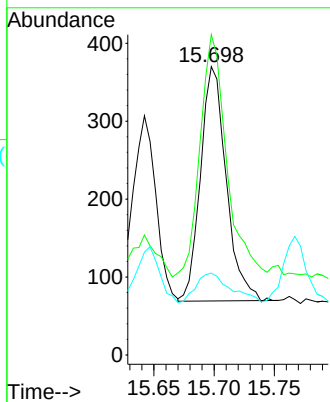
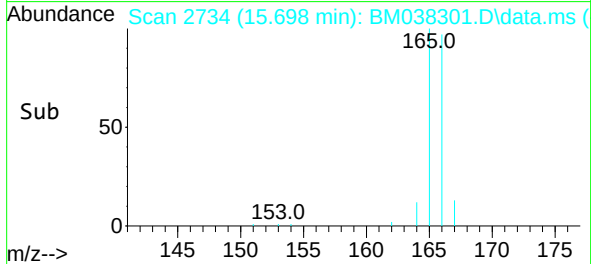
Instrument :
BNA_M
ClientSampleId :
DBYK2DL



Tgt Ion:166 Resp: 440
Ion Ratio Lower Upper
166 100
165 111.1 79.0 118.6
167 28.4 11.0 16.6

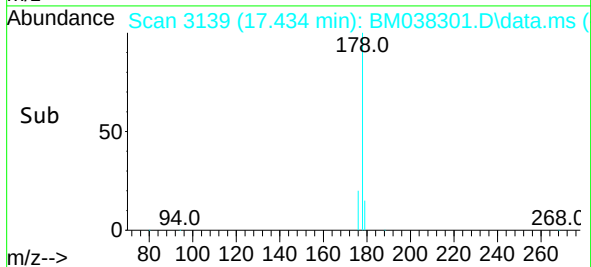
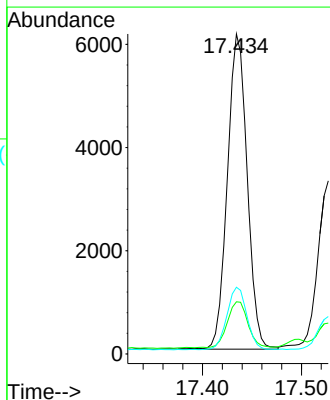
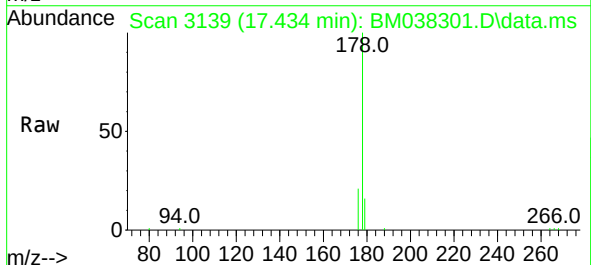
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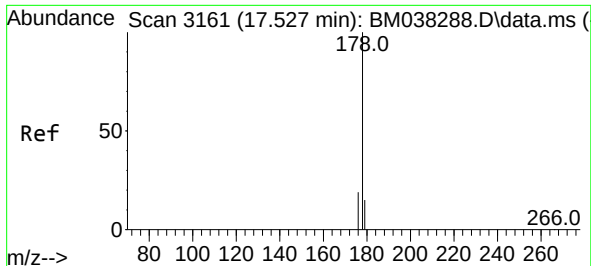
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#15
Phenanthrene
Concen: 0.242 ng/u1
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

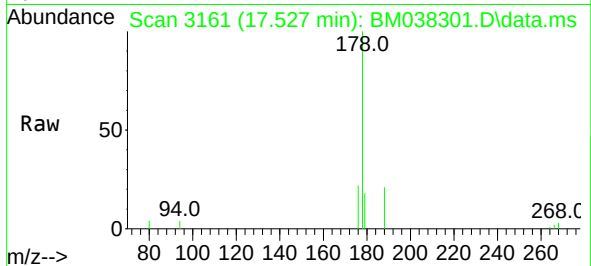
Tgt Ion:178 Resp: 8479
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.9 16.2 24.4





#16
 Anthracene
 Concen: 0.132 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038301.D
 Acq: 25 Dec 2022 10:04

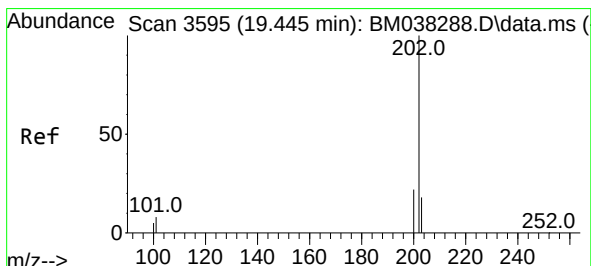
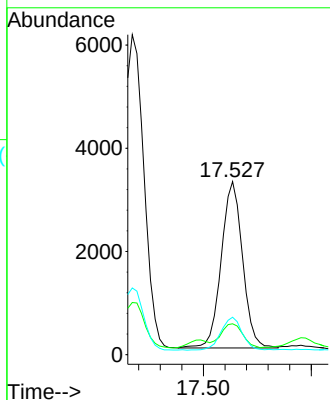
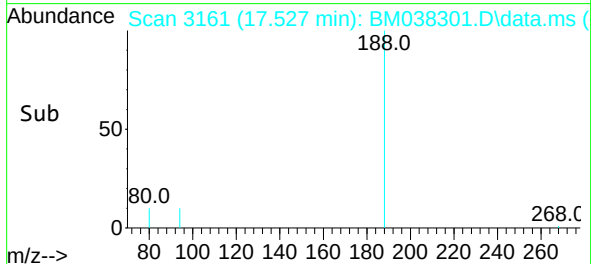
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 ClientSampleId :
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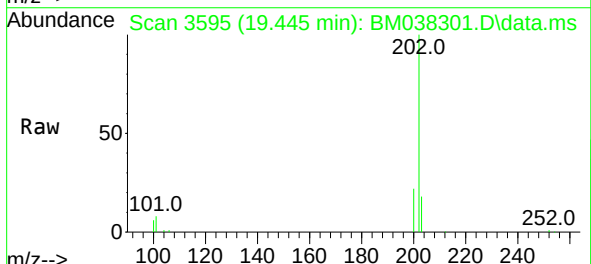
Tgt Ion:178 Resp: 443
 Ion Ratio Lower Upper
 178 100
 179 17.9 13.0 19.6
 176 21.6 15.6 23.4

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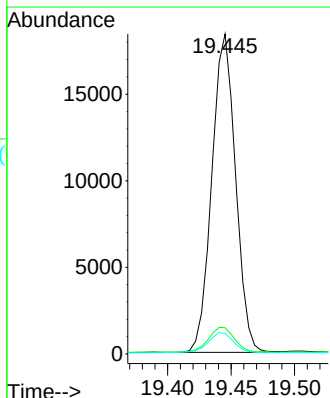
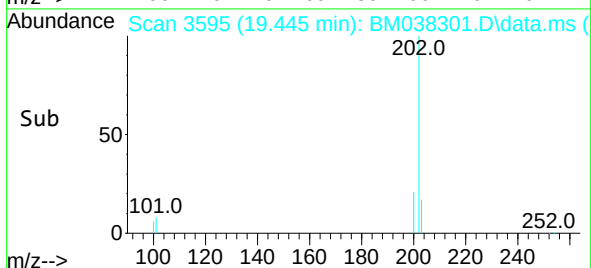
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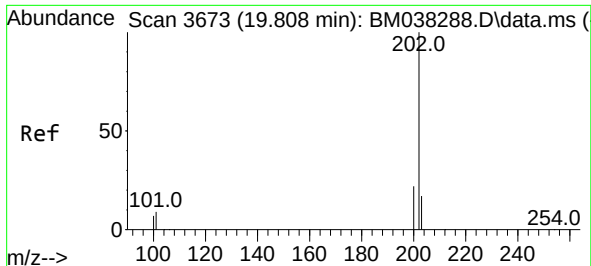


#19
 Fluoranthene
 Concen: 0.592 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038301.D
 Acq: 25 Dec 2022 10:04



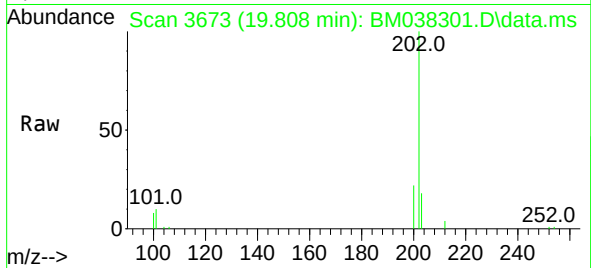
Tgt Ion:202 Resp: 23924
 Ion Ratio Lower Upper
 202 100
 101 8.2 7.5 11.3
 100 6.4 5.6 8.4





#20
Pyrene
Concen: 0.496 ng/ul m
RT: 19.808 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

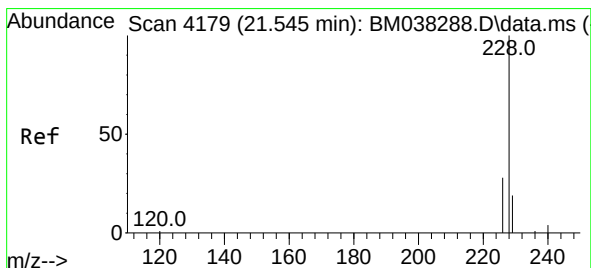
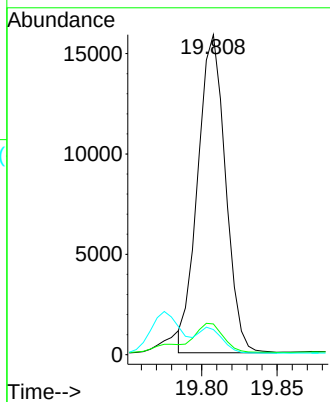
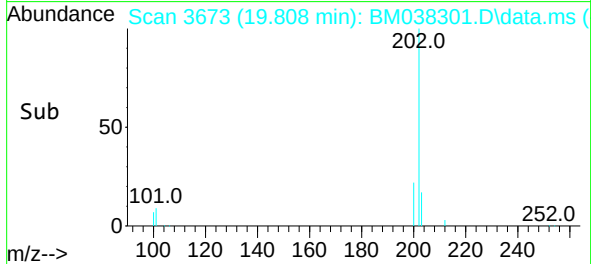
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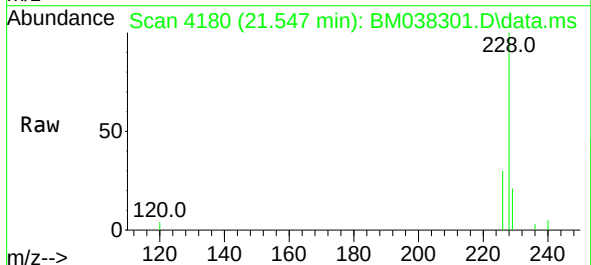
Tgt Ion:202 Resp: 20260
Ion Ratio Lower Upper
202 100
101 9.6 8.9 13.3
100 7.8 7.4 11.0

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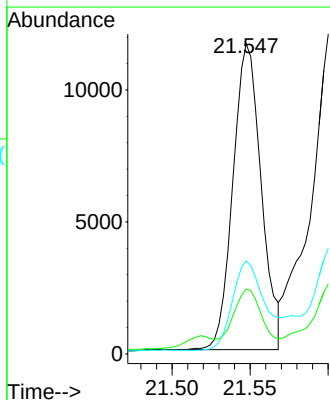
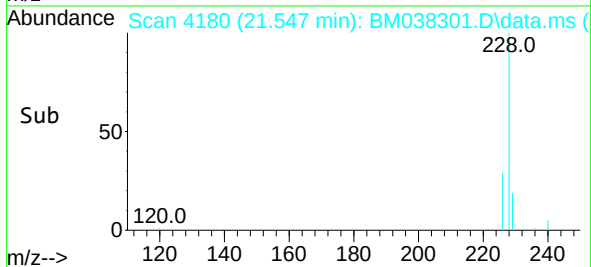
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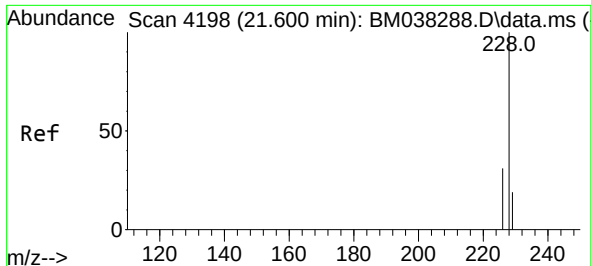


#21
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04



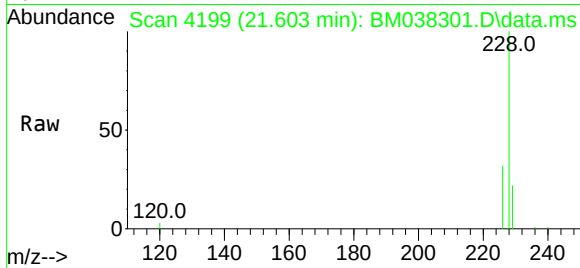
Tgt Ion:228 Resp: 14590
Ion Ratio Lower Upper
228 100
229 20.9 15.5 23.3
226 30.0 22.2 33.2





#22
Chrysene
Concen: 0.606 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

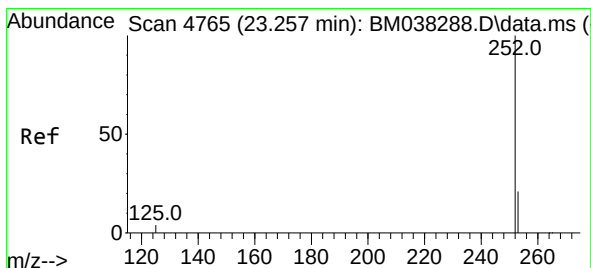
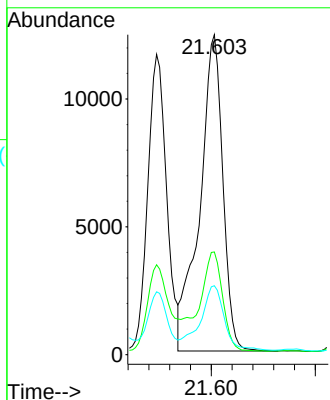
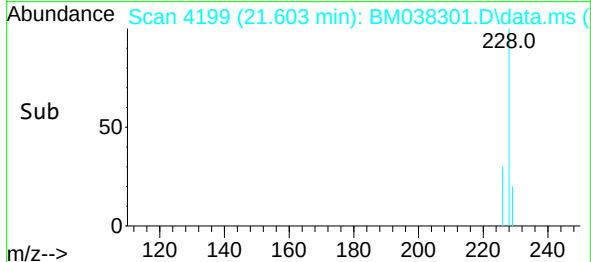
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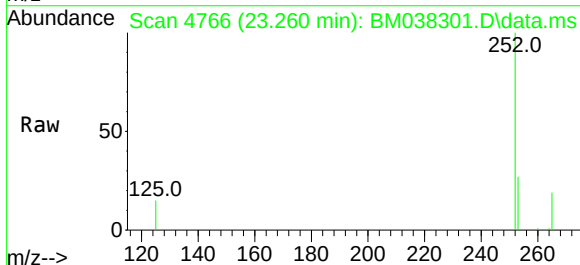
Tgt Ion:228 Resp: 19060
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.4
229 21.6 16.0 24.0

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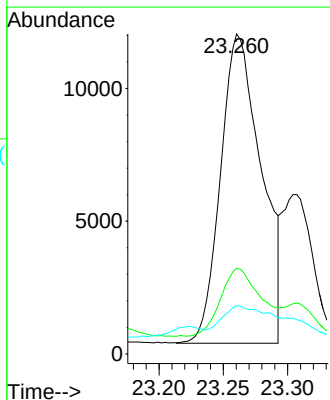
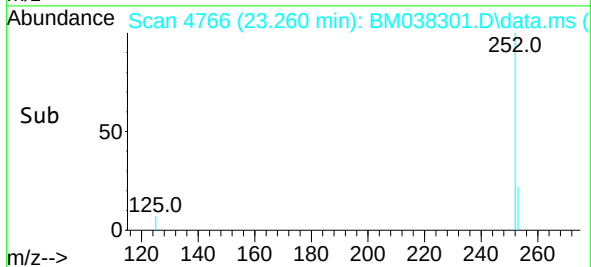
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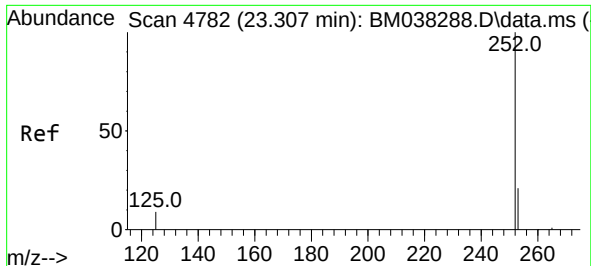


#24
Benzo(b)fluoranthene
Concen: 0.775 ng/u1 m
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04



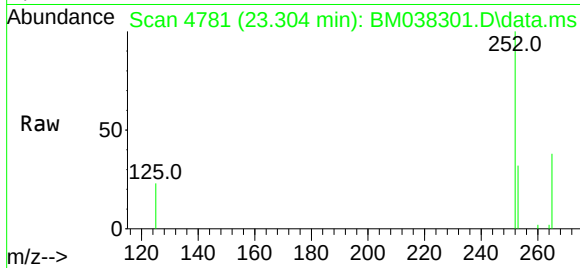
Tgt Ion:252 Resp: 25643
Ion Ratio Lower Upper
252 100
253 26.8 0.0 56.0
125 15.1 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 23.304 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

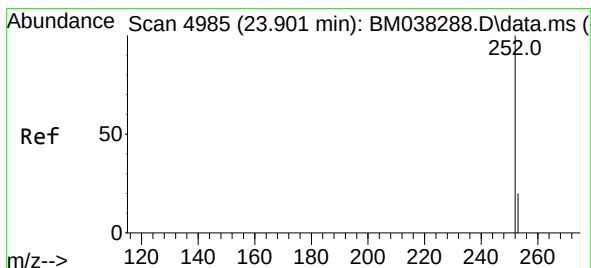
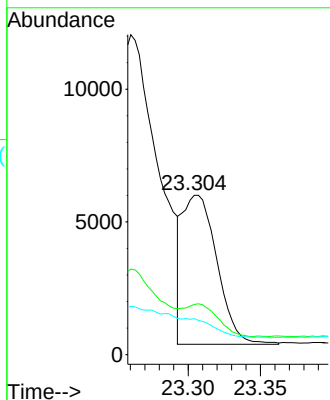
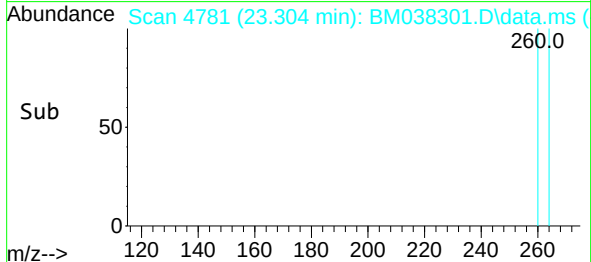
Instrument :
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DBYK2DL



Tgt Ion:252 Resp: 9338
Ion Ratio Lower Upper
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253 31.5 22.5 33.7
125 22.6 14.4 21.6

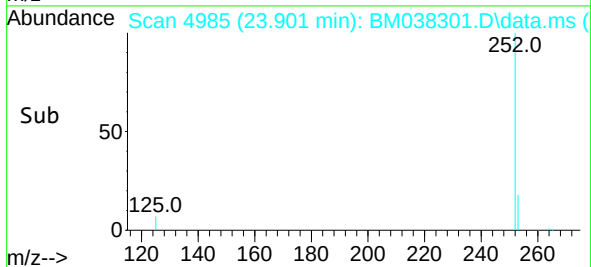
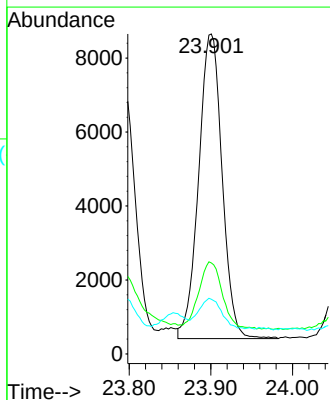
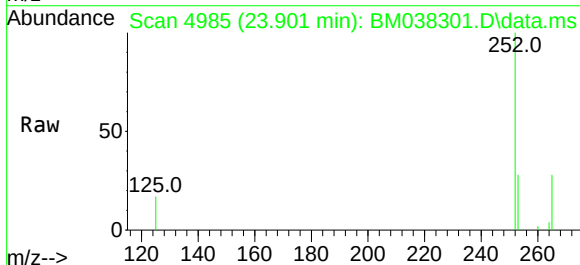
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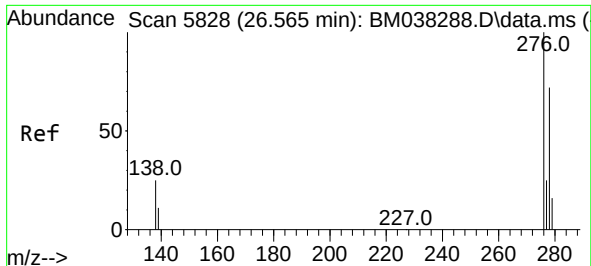
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 0.569 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

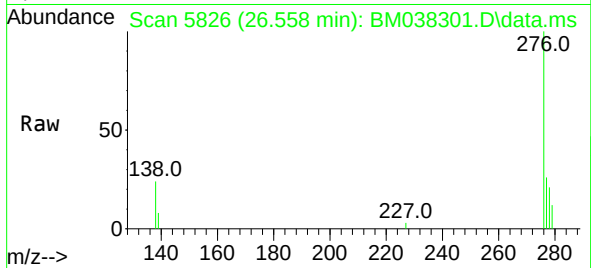
Tgt Ion:252 Resp: 16435
Ion Ratio Lower Upper
252 100
253 28.4 24.2 36.4
125 17.1 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.558 min Scan# 5828
Delta R.T. -0.010 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

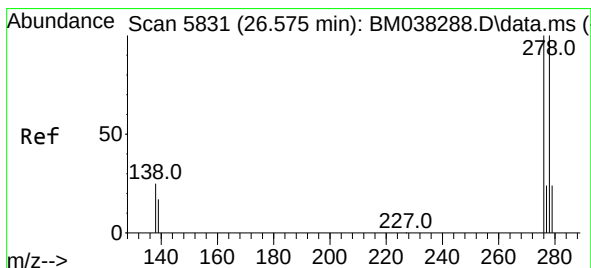
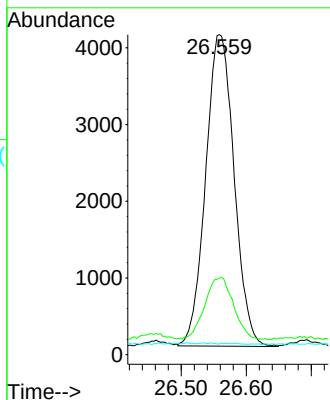
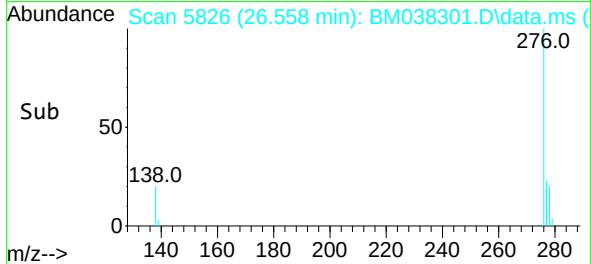
Instrument :
BNA_M
ClientSampleId :
DBYK2DL



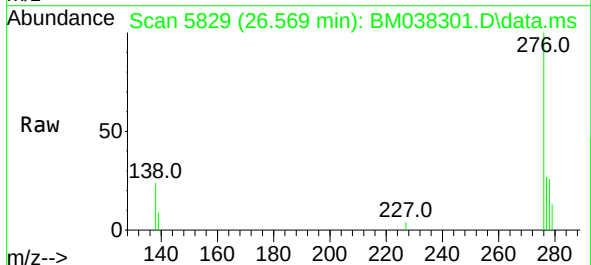
Tgt Ion:276 Resp: 1236
Ion Ratio Lower Upper
276 100
138 20.4 21.7 32.5
227 0.1 0.0 0.0

Manual Integrations
APPROVED

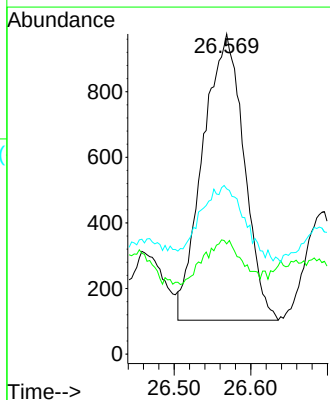
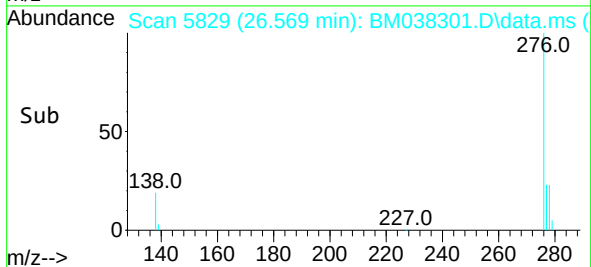
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

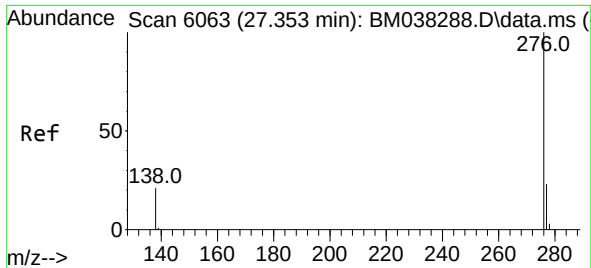


#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. -0.020 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04



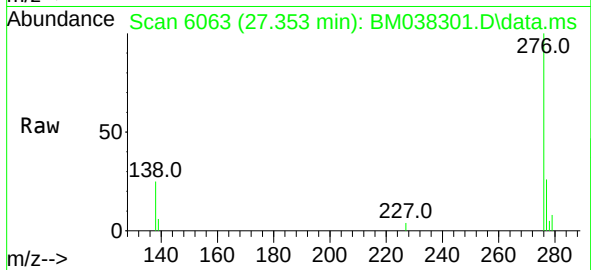
Tgt Ion:278 Resp: 3254
Ion Ratio Lower Upper
278 100
139 34.4 16.8 25.2#
279 51.6 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038301.D
Acq: 25 Dec 2022 10:04

Instrument :
BNA_M
ClientSampleId :
DBYK2DL



Tgt Ion: 276 Resp: 1197
Ion Ratio Lower Upper
276 100
138 24.6 20.8 31.2
277 25.9 20.5 30.7

Manual Integrations
APPROVED

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

