

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038303.D
 Acq On : 25 Dec 2022 11:16
 Operator : CG/JU
 Sample : N6016-02DL 5X
 Misc :
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA7DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 23:55:22 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	2748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	8357	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	4799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	9391	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	6020	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	6286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	2024	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	616	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	1218	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	511	0.021	ng/ul#	67
10) Acenaphthylene	14.375	152	1003	0.038	ng/ul#	80
15) Phenanthrene	17.434	178	4045	0.129	ng/ul	97
16) Anthracene	17.527	178	2772	0.092	ng/ul#	92
19) Fluoranthene	19.445	202	8429	0.256	ng/ul	98
20) Pyrene	19.808	202	7492m	0.225	ng/ul	
21) Benzo(a)anthracene	21.547	228	6294	0.238	ng/ul	94
22) Chrysene	21.603	228	11128	0.433	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	10908	0.392	ng/ul	91
25) Benzo(k)fluoranthene	23.307	252	3606m	0.135	ng/ul	
26) Benzo(a)pyrene	23.898	252	6688	0.275	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.558	276	5306	0.158	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.569	278	1448	0.055	ng/ul#	26
29) Benzo(g,h,i)perylene	27.350	276	4822	0.170	ng/ul	91

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

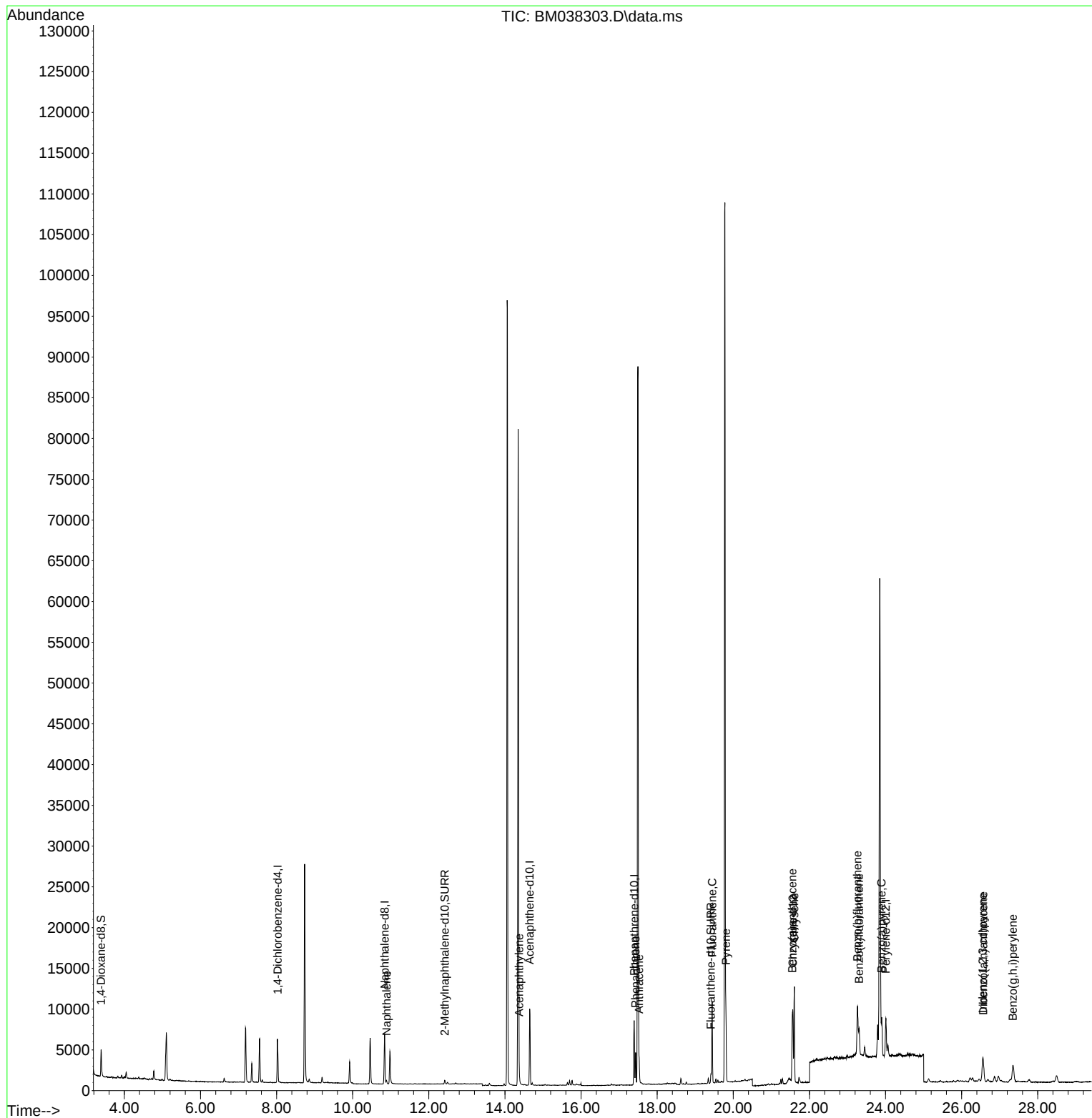
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038303.D
Acq On : 25 Dec 2022 11:16
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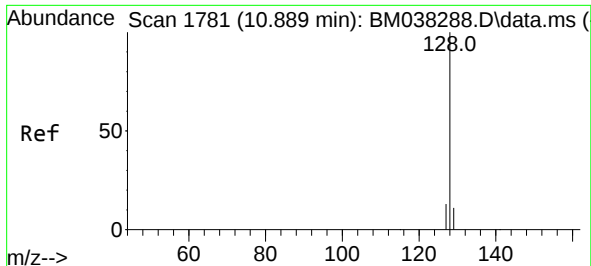
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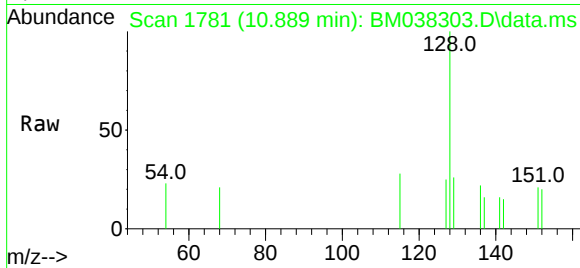
Quant Time: Dec 25 23:55:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

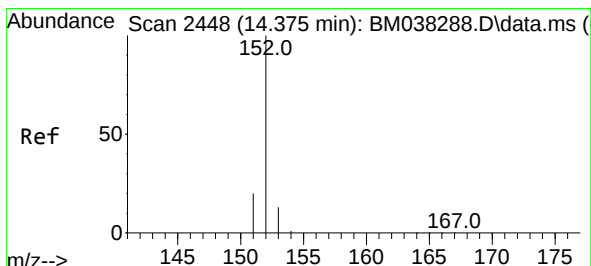
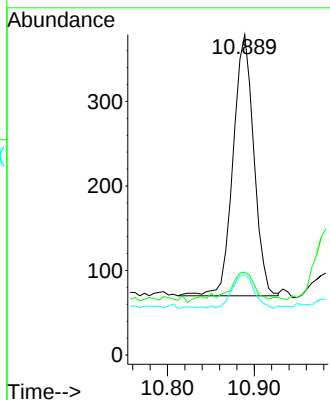
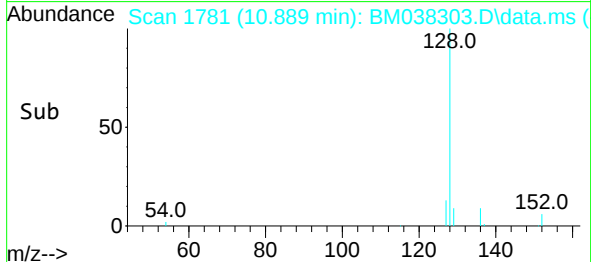
Instrument :
BNA_M
ClientSampleId :
DBYA7DL



Tgt Ion:128 Resp: 511
Ion Ratio Lower Upper
128 100
129 25.9 9.4 14.0#
127 25.1 10.7 16.1#

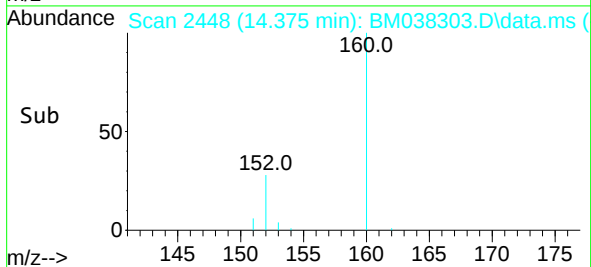
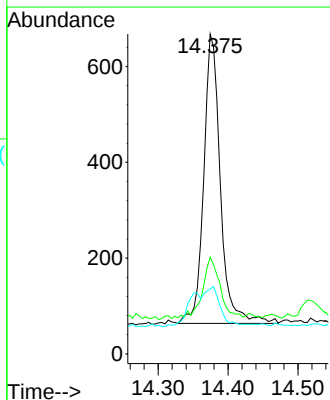
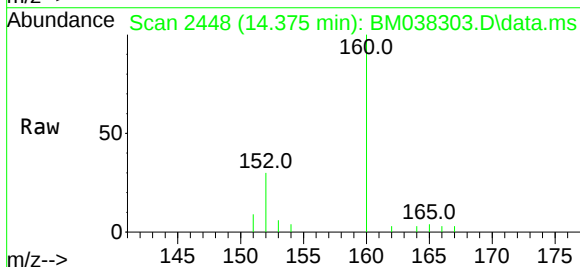
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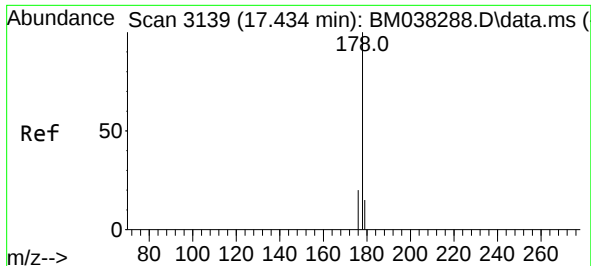
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

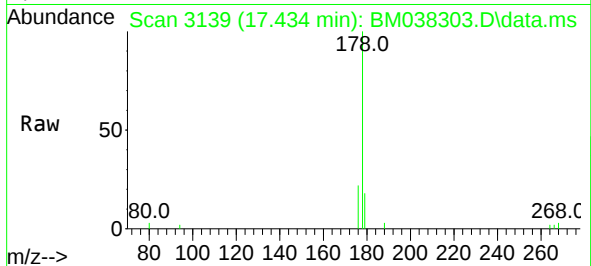
Tgt Ion:152 Resp: 1003
Ion Ratio Lower Upper
152 100
151 30.2 16.2 24.2#
153 20.4 10.7 16.1#





#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

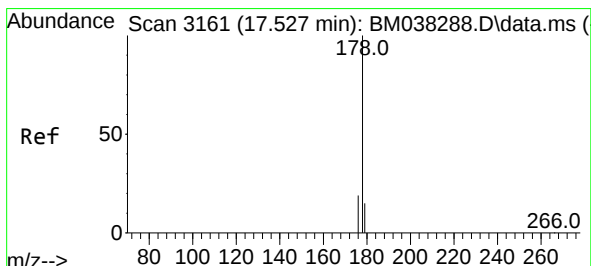
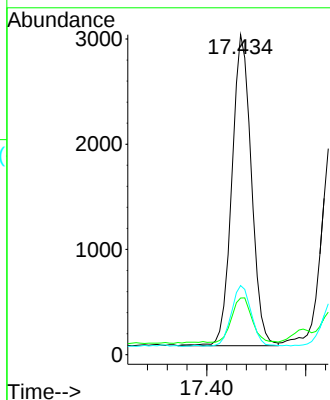
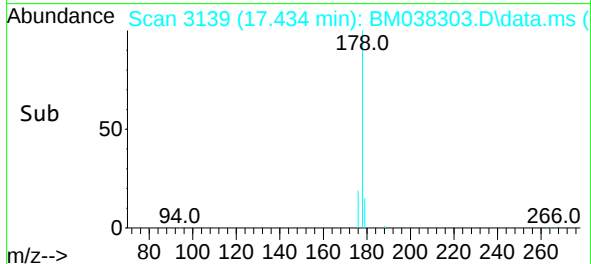
Instrument :
BNA_M
ClientSampleId :
DBYA7DL



Tgt Ion:178 Resp: 4049
Ion Ratio Lower Upper
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179 17.7 13.0 19.4
176 21.6 16.2 24.4

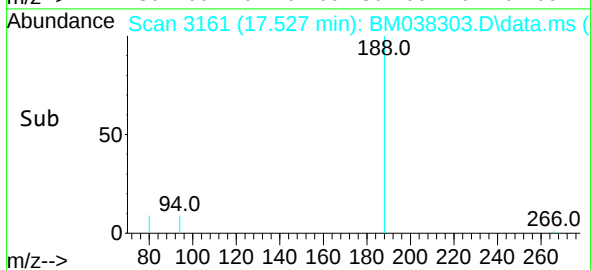
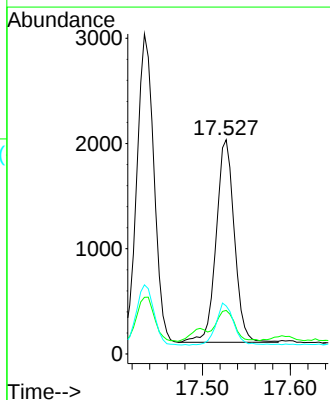
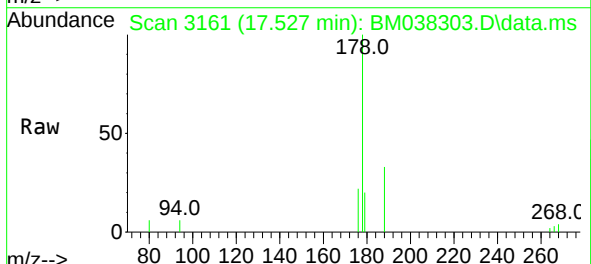
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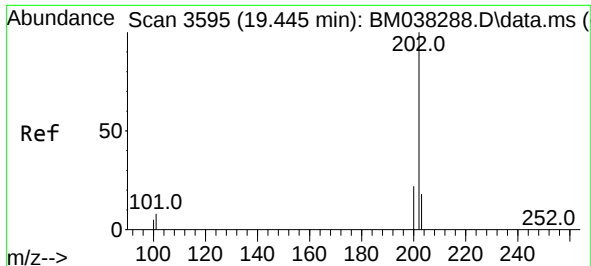
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

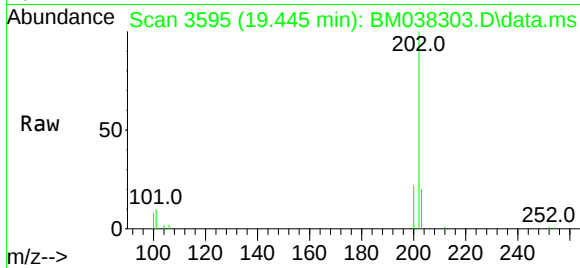
Tgt Ion:178 Resp: 2772
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.6#
176 22.4 15.6 23.4





#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

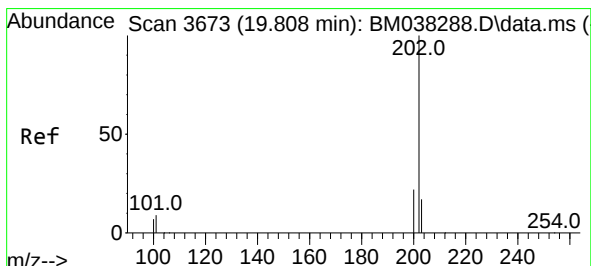
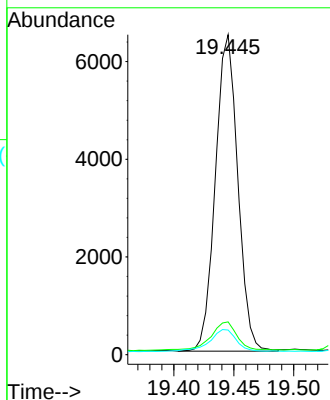
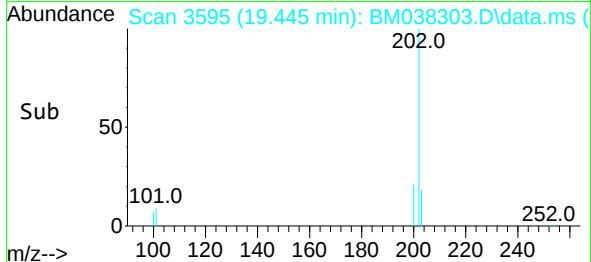
Instrument :
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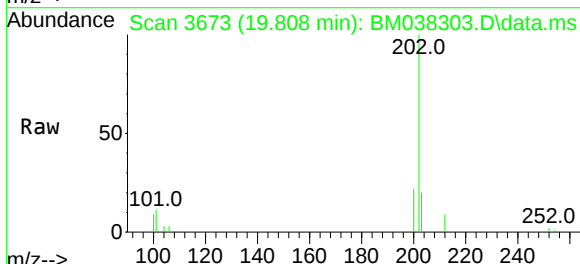
Tgt Ion:202 Resp: 8429
Ion Ratio Lower Upper
202 100
101 10.3 7.5 11.3
100 7.7 5.6 8.4

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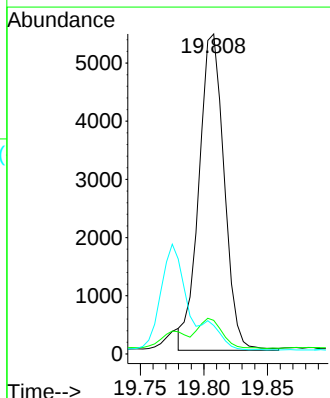
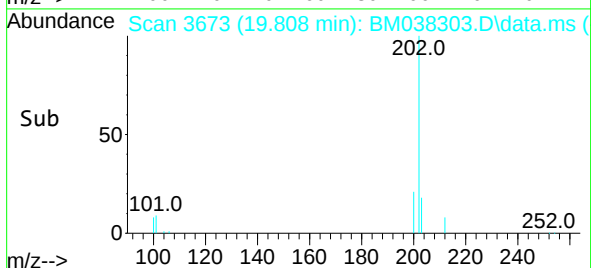
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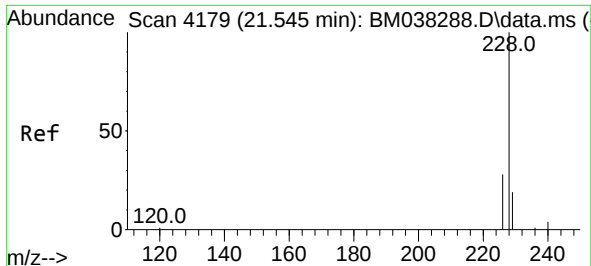


#20
Pyrene
Concen: 0.225 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16



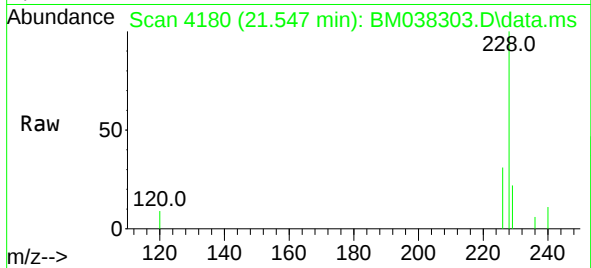
Tgt Ion:202 Resp: 7492
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.9 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.547 min Scan# 4179
Delta R.T. -0.003 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

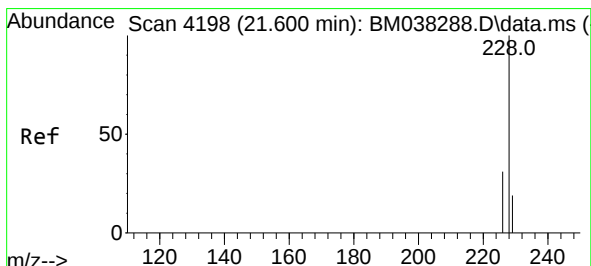
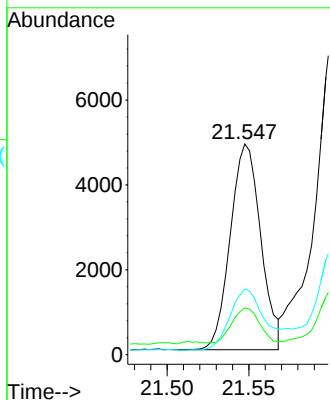
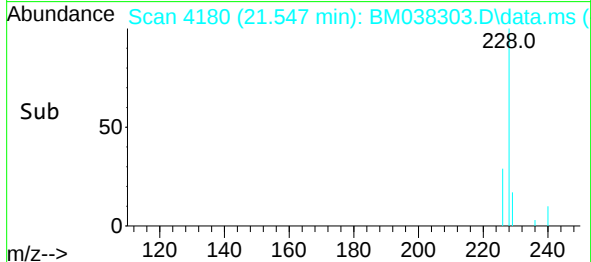
Instrument :
BNA_M
ClientSampleId :
DBYA7DL



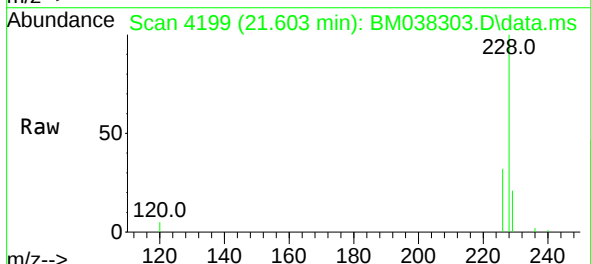
Tgt Ion:228 Resp: 6294
Ion Ratio Lower Upper
228 100
229 22.2 15.5 23.3
226 31.2 22.2 33.2

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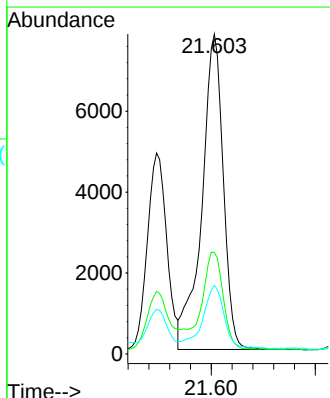
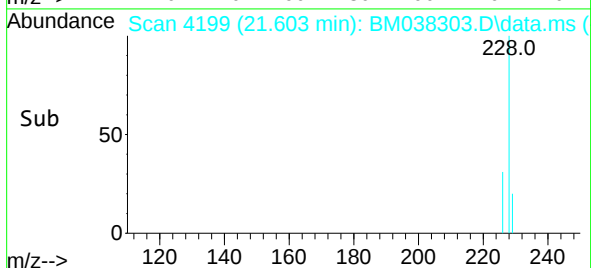
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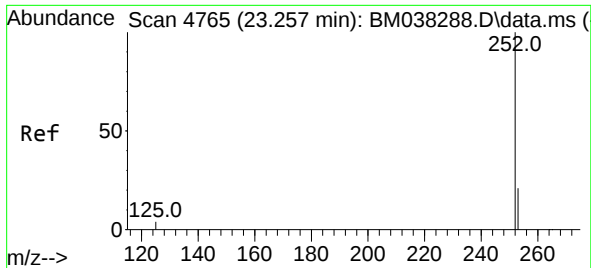


#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16



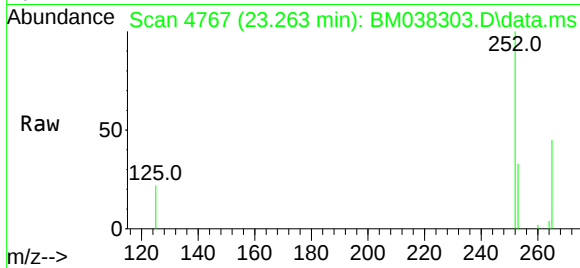
Tgt Ion:228 Resp: 11128
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.4
229 21.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

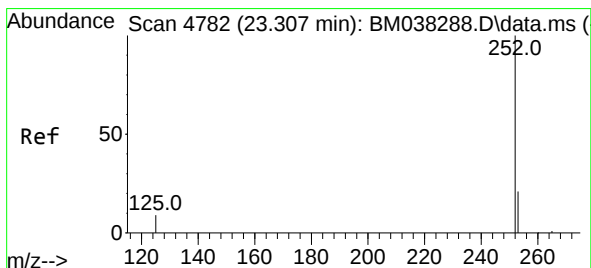
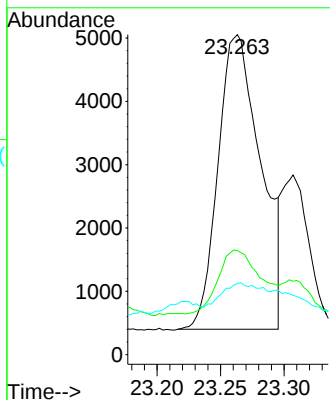
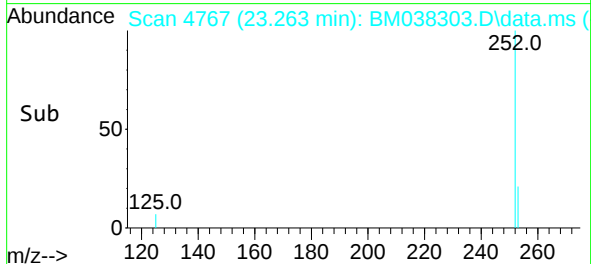
Instrument :
BNA_M
ClientSampleId :
DBYA7DL



Tgt Ion:252 Resp: 10908
Ion Ratio Lower Upper
252 100
253 32.5 0.0 56.0
125 22.2 0.0 36.6

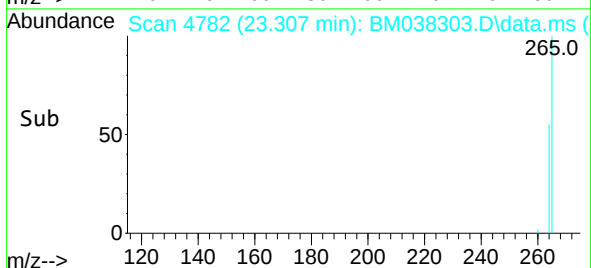
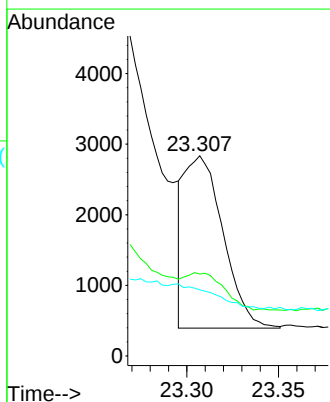
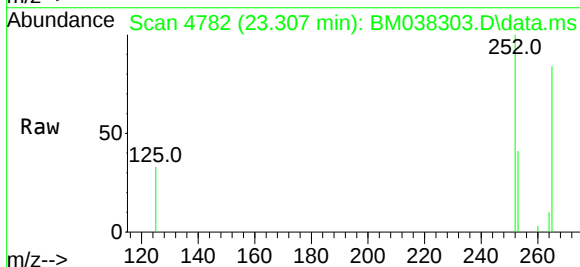
Manual Integrations
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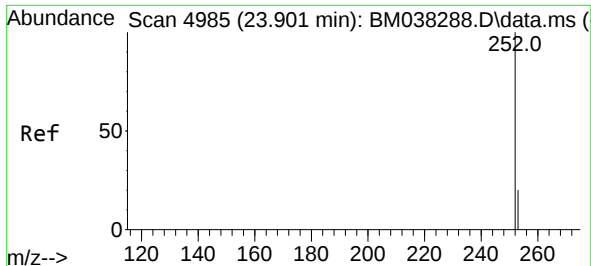
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 0.135 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

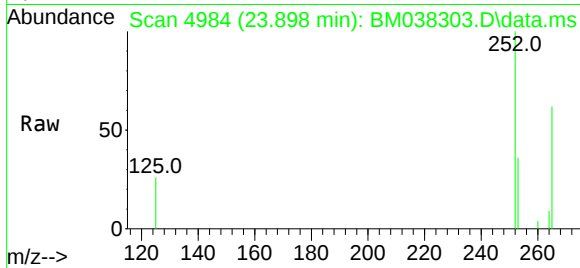
Tgt Ion:252 Resp: 3606
Ion Ratio Lower Upper
252 100
253 40.9 22.5 33.7#
125 33.0 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

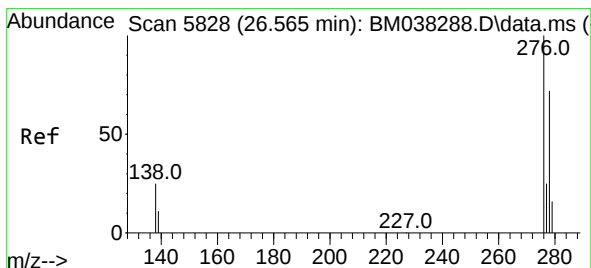
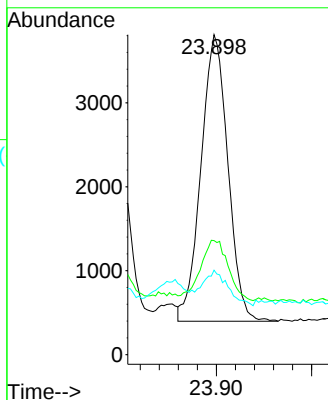
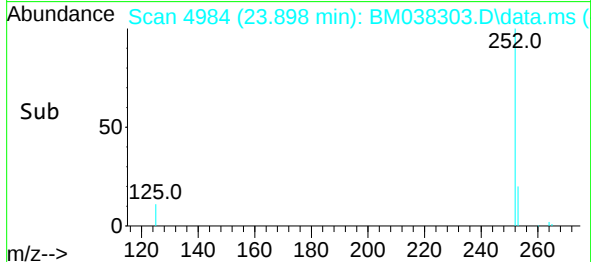
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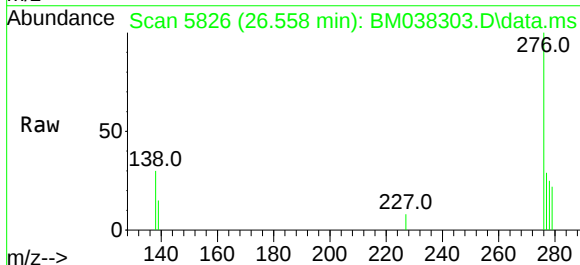
Tgt Ion:252 Resp: 6688
Ion Ratio Lower Upper
252 100
253 35.7 24.2 36.4
125 26.4 17.3 25.9

Manual Integrations
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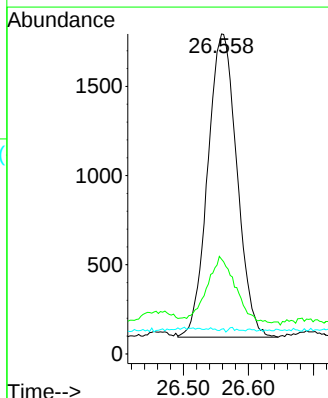
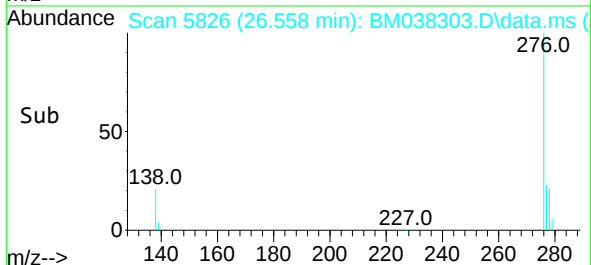
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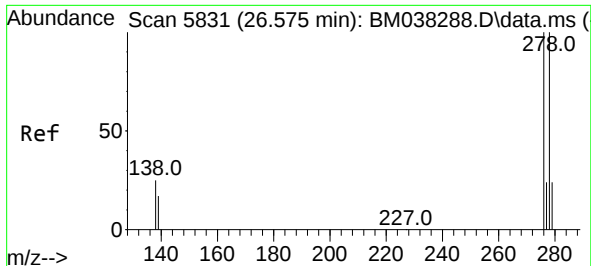


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.558 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16



Tgt Ion:276 Resp: 5306
Ion Ratio Lower Upper
276 100
138 21.2 21.7 32.5#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.055 ng/ul

RT: 26.569 min Scan# 5831

Delta R.T. -0.020 min

Lab File: BM038303.D

Acq: 25 Dec 2022 11:16

Instrument :

BNA_M

ClientSampleId :

DBYA7DL

Tgt Ion:278 Resp: 1448

Ion Ratio Lower Upper

278 100

139 51.1 16.8 25.2

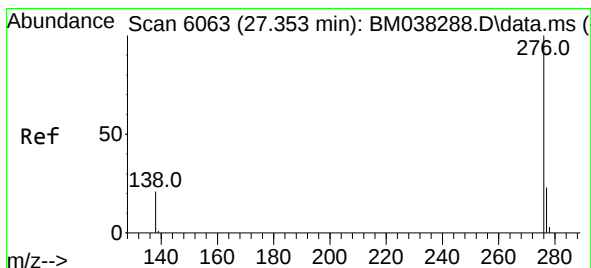
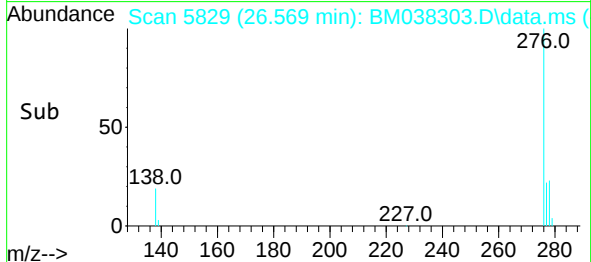
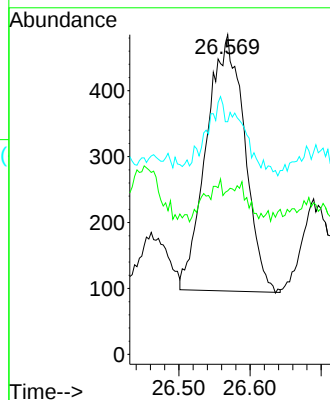
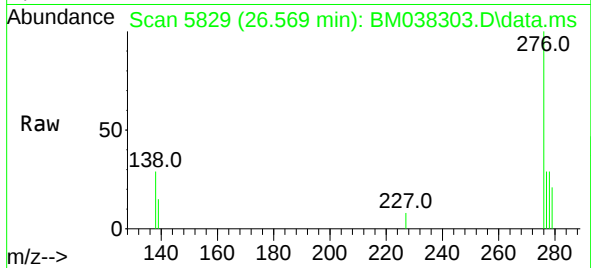
279 72.8 23.4 35.2

Manual Integrations

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Supervised By :Sohil Jodhani 12/26/2022



#29

Benzo(g,h,i)perylene

Concen: 0.170 ng/ul

RT: 27.350 min Scan# 6062

Delta R.T. -0.010 min

Lab File: BM038303.D

Acq: 25 Dec 2022 11:16

Tgt Ion:276 Resp: 4822

Ion Ratio Lower Upper

276 100

138 30.5 20.8 31.2

277 29.7 20.5 30.7

