

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038284.D
 Acq On : 24 Dec 2022 23:19
 Operator : CG/JU
 Sample : N6016-08
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:58:14 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	3697	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	10897	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12270	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	8515	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7827	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	10576	2.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3293	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6289	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.438	178	4106	0.100	ng/ul#	83
16) Anthracene	17.527	178	813	0.021	ng/ul#	55
19) Fluoranthene	19.445	202	10186	0.218	ng/ul#	87
20) Pyrene	19.808	202	8751m	0.186	ng/ul	
21) Benzo(a)anthracene	21.547	228	4726	0.127	ng/ul#	91
22) Chrysene	21.603	228	5361	0.147	ng/ul#	93
24) Benzo(b)fluoranthene	23.263	252	8710	0.251	ng/ul	76
25) Benzo(k)fluoranthene	23.307	252	2711m	0.081	ng/ul	
26) Benzo(a)pyrene	23.900	252	5531	0.183	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.568	276	4789	0.114	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.572	278	1180	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	27.357	276	5150	0.146	ng/ul#	88

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

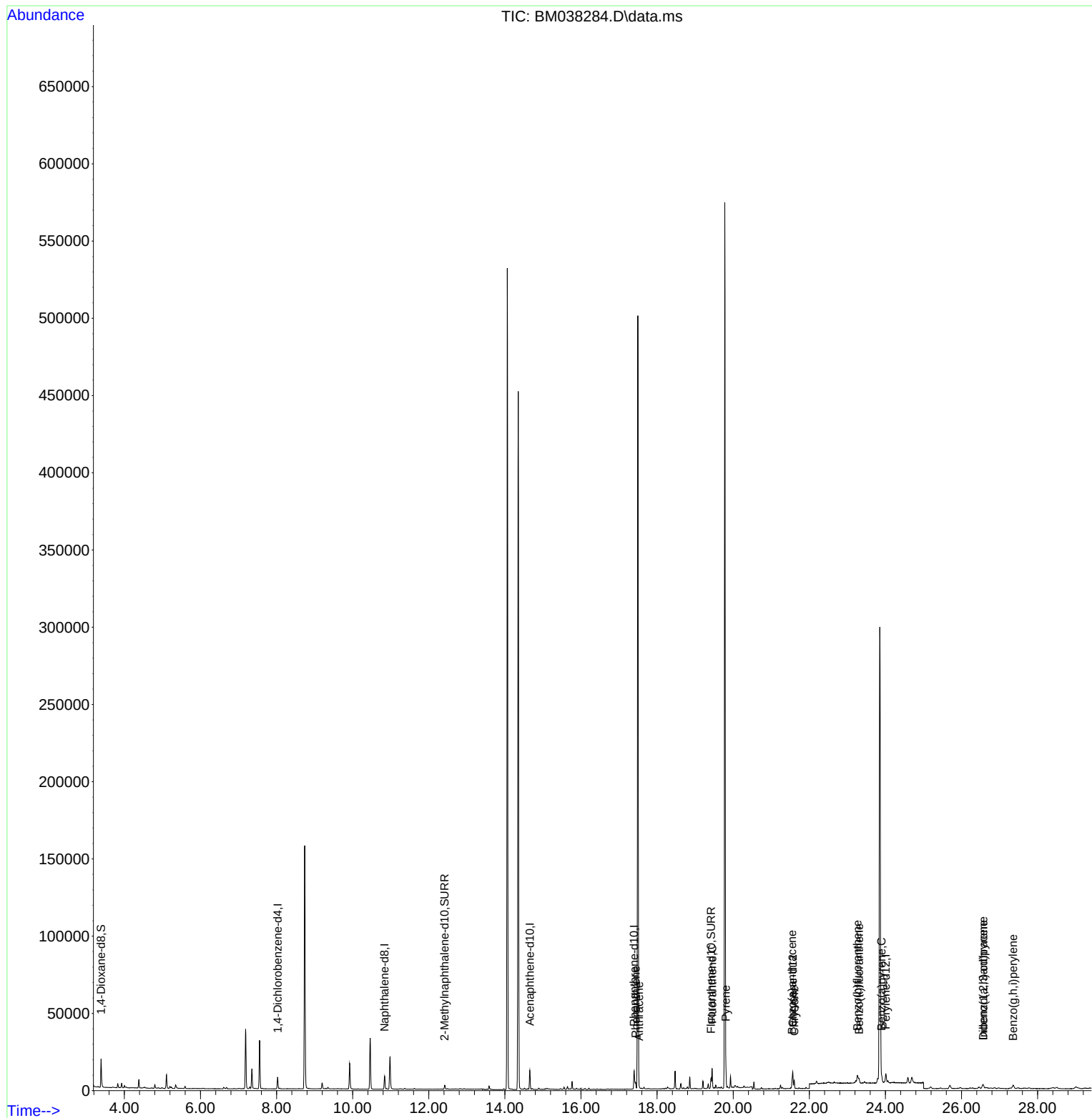
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038284.D
Acq On : 24 Dec 2022 23:19
Operator : CG/JU
Sample : N6016-08
Misc :
ALS Vial : 92 Sample Multiplier: 1

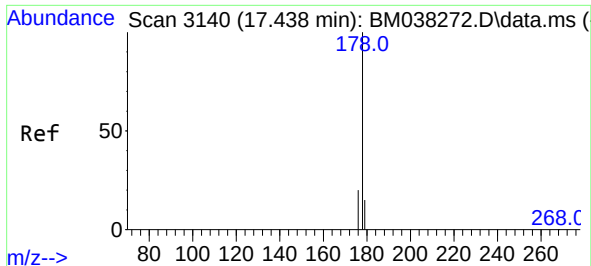
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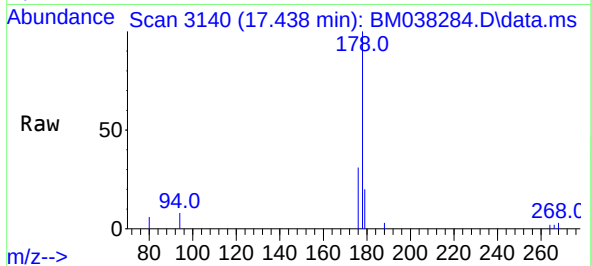
Quant Time: Dec 25 02:58:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

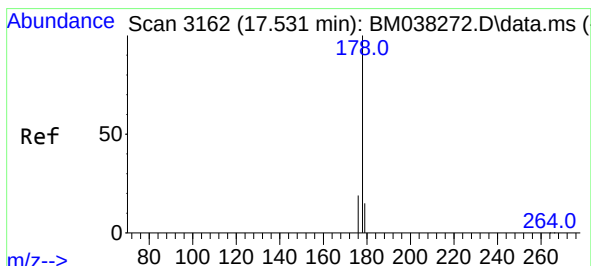
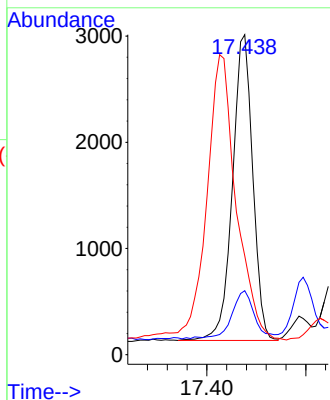
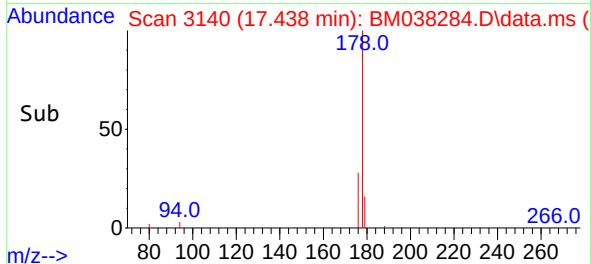
Instrument :
BNA_M
ClientSampleId :
DBYD2



Tgt Ion:178 Resp: 4100
Ion Ratio Lower Upper
178 100
179 20.0 13.0 19.4#
176 30.9 16.2 24.4#

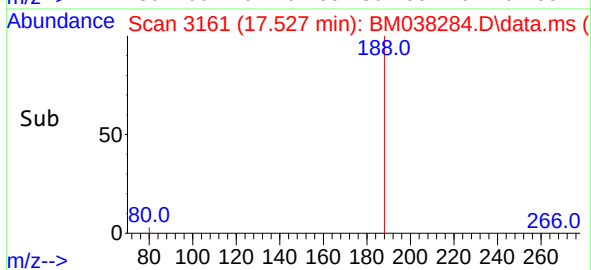
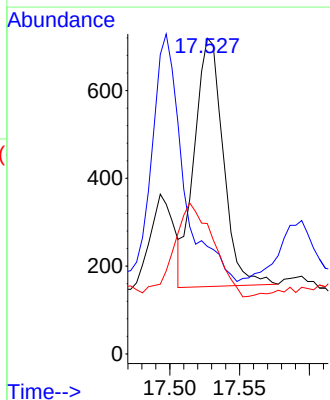
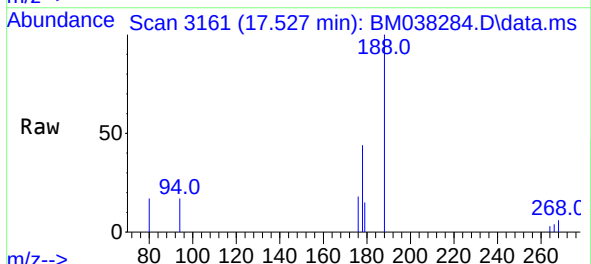
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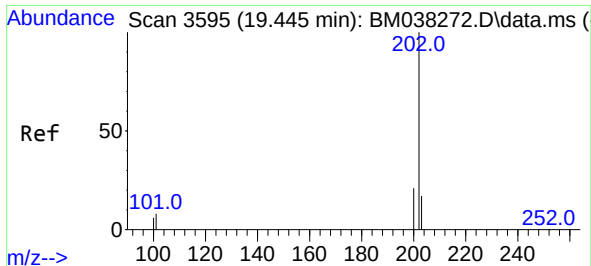
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

Tgt Ion:178 Resp: 813
Ion Ratio Lower Upper
178 100
179 34.1 13.0 19.6#
176 41.3 15.6 23.4#





#19

Fluoranthene

Concen: 0.218 ng/ul

RT: 19.445 min Scan# 3595

Delta R.T. -0.005 min

Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

Instrument :

BNA_M

ClientSampleId :

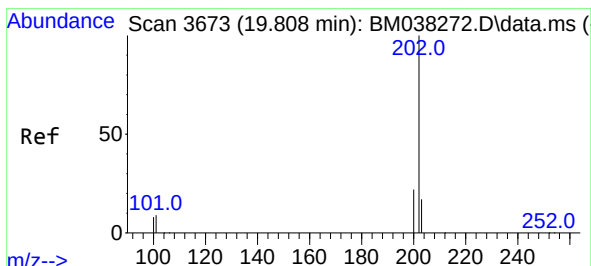
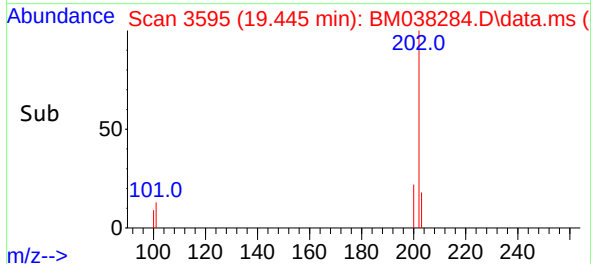
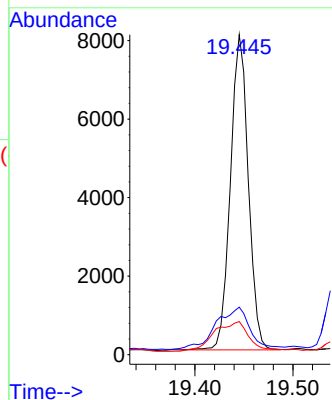
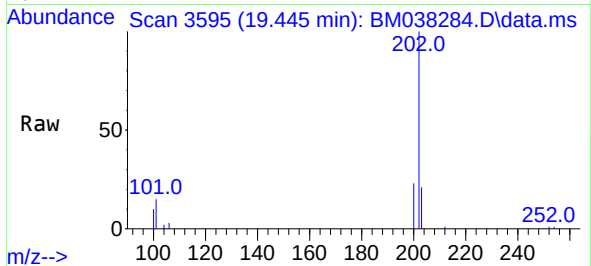
DBYD2

Tgt Ion:	202	Resp:	10180
Ion Ratio	Lower	Upper	
202	100		
101	14.9	7.5	11.3#
100	10.3	5.6	8.4#

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#20

Pyrene

Concen: 0.186 ng/ul m

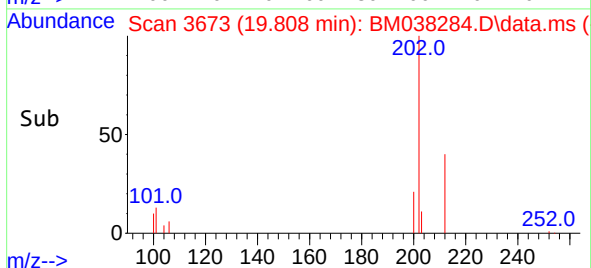
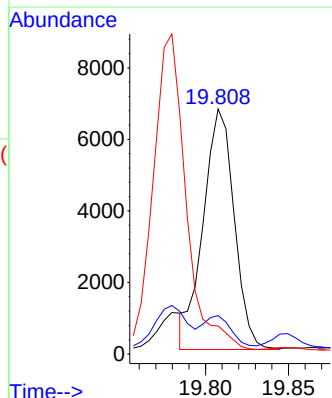
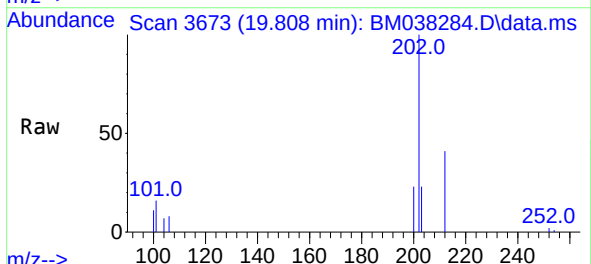
RT: 19.808 min Scan# 3673

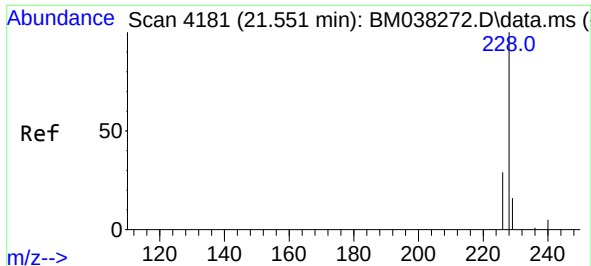
Delta R.T. -0.005 min

Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

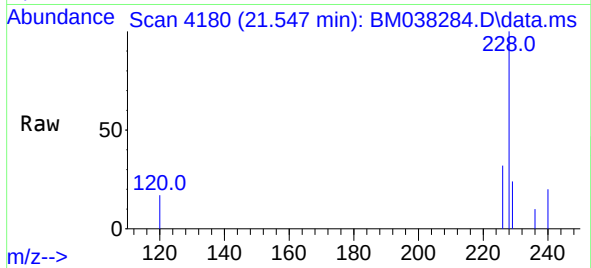
Tgt Ion:	202	Resp:	8751
Ion Ratio	Lower	Upper	
202	100		
101	15.7	8.9	13.3#
100	11.4	7.4	11.0#





#21
Benzo(a)anthracene
Concen: 0.127 ng/ul
RT: 21.547 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

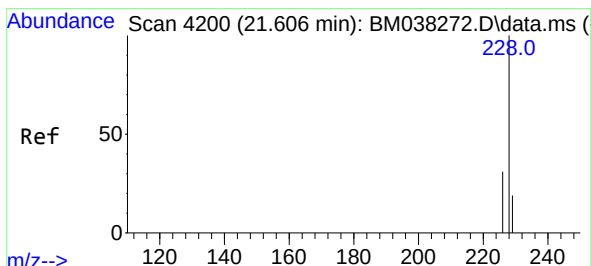
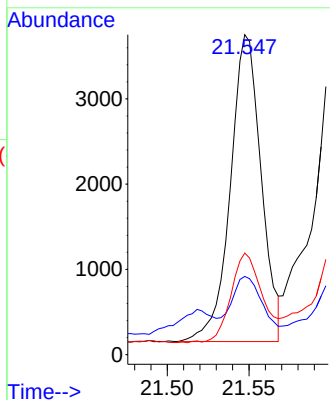
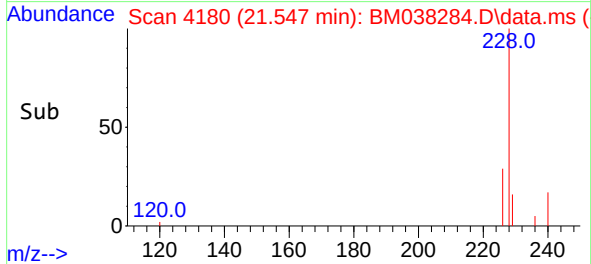
Instrument :
BNA_M
ClientSampleId :
DBYD2



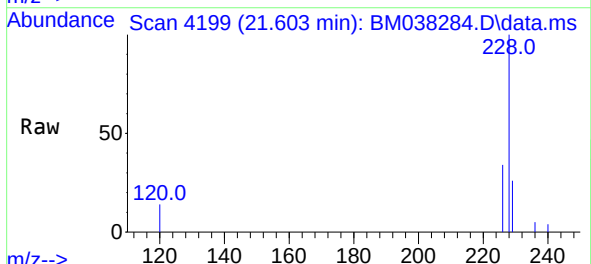
Tgt Ion:228 Resp: 4720
Ion Ratio Lower Upper
228 100
229 24.4 15.5 23.3
226 31.8 22.2 33.2

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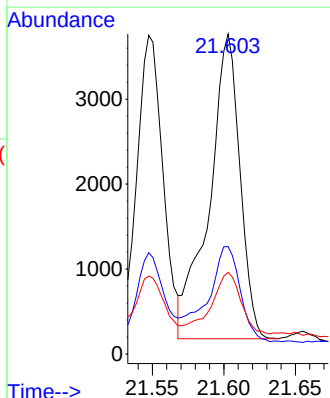
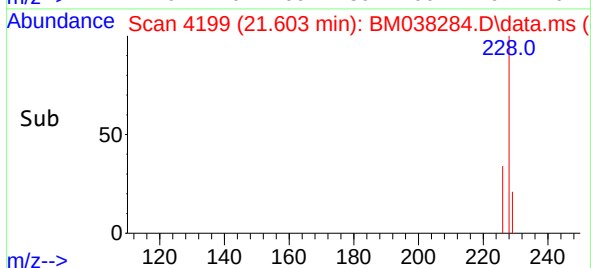
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

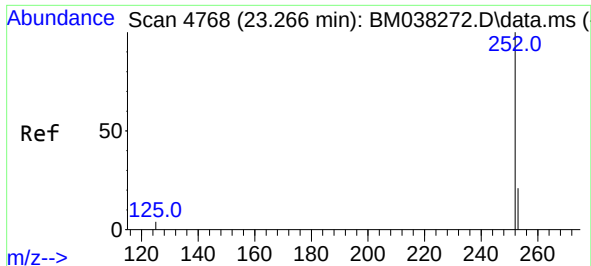


#22
Chrysene
Concen: 0.147 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19



Tgt Ion:228 Resp: 5361
Ion Ratio Lower Upper
228 100
226 33.5 25.0 37.4
229 25.5 16.0 24.0#





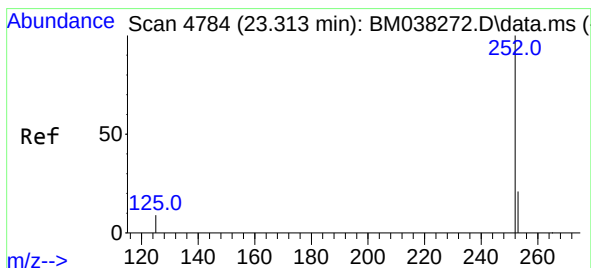
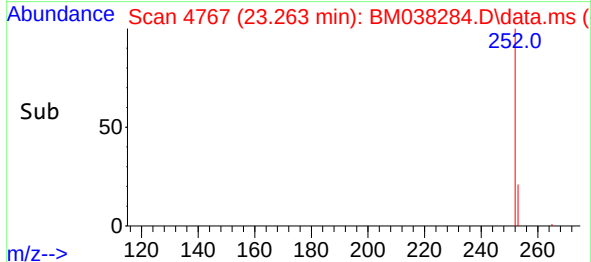
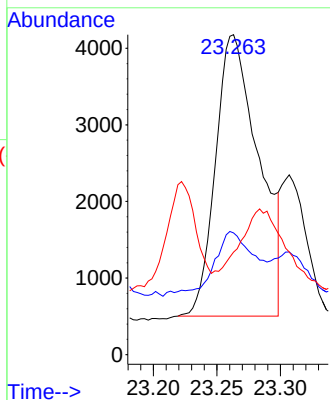
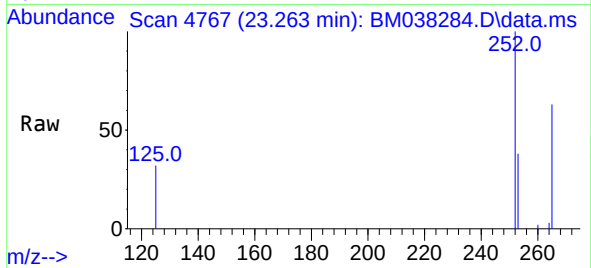
#24
Benzo(b)fluoranthene
Concen: 0.251 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

Instrument :
BNA_M
ClientSampleId :
DBYD2

Tgt Ion:252 Resp: 8710
Ion Ratio Lower Upper
252 100
253 38.0 0.0 56.0
125 32.1 0.0 36.6

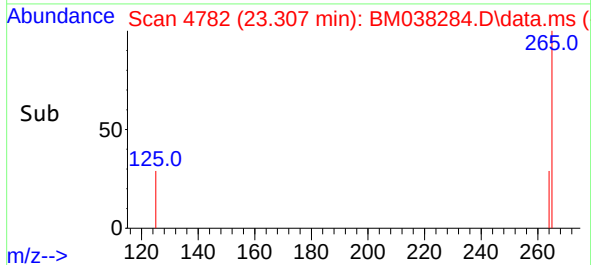
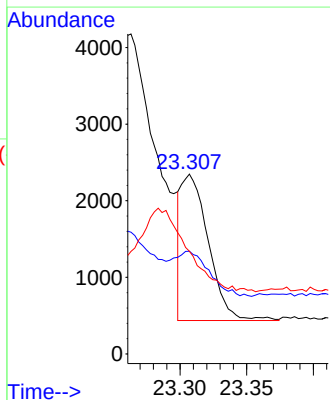
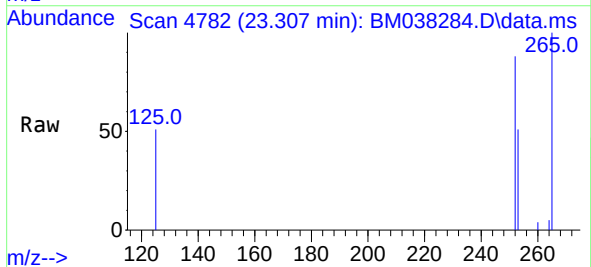
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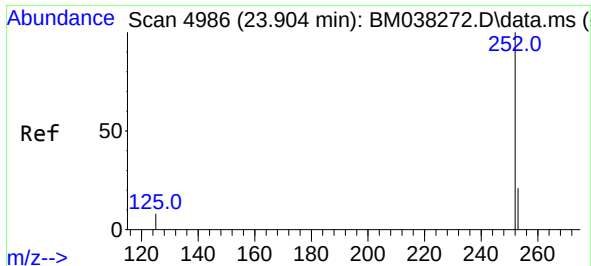
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

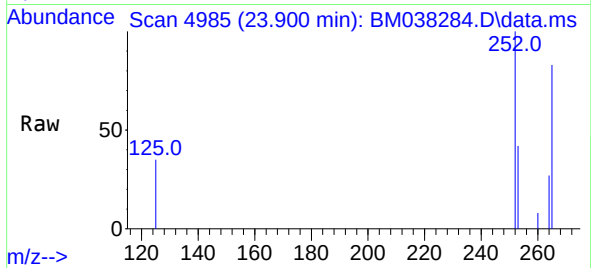
Tgt Ion:252 Resp: 2711
Ion Ratio Lower Upper
252 100
253 57.2 22.5 33.7#
125 57.2 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.900 min Scan# 4986
Delta R.T. -0.006 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

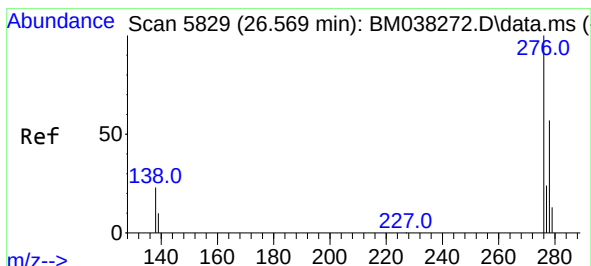
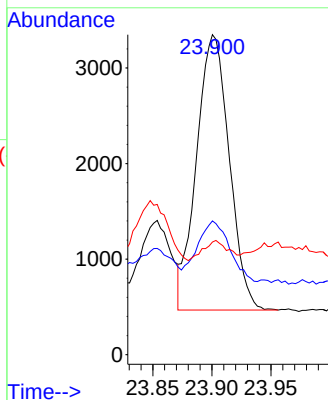
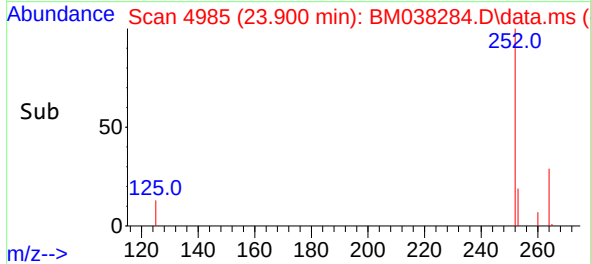
Instrument :
BNA_M
ClientSampleId :
DBYD2



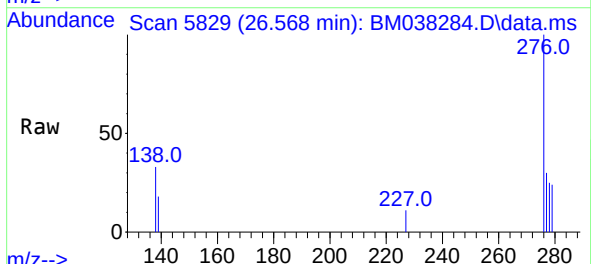
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Ion Ratio Lower Upper
252 100
253 41.8 24.2 36.4#
125 35.2 17.3 25.9#

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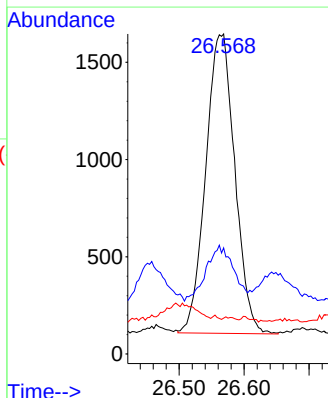
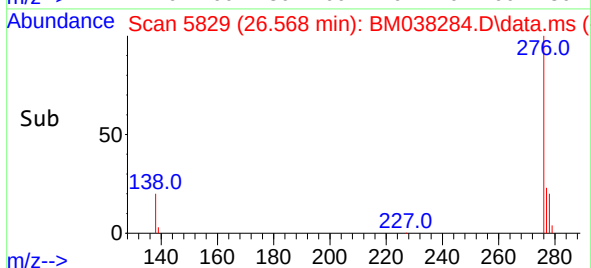
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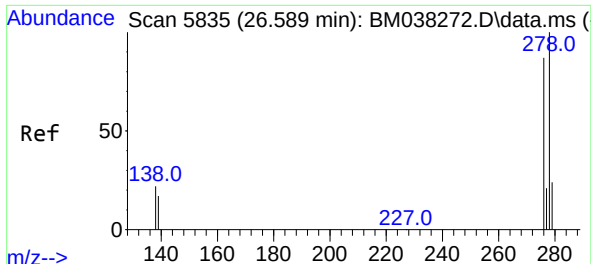


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.568 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19



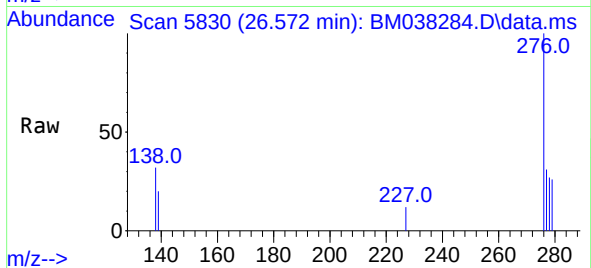
Tgt Ion:276 Resp: 4789
Ion Ratio Lower Upper
276 100
138 0.0 21.7 32.5#
227 0.6 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.572 min Scan# 5835
Delta R.T. -0.017 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

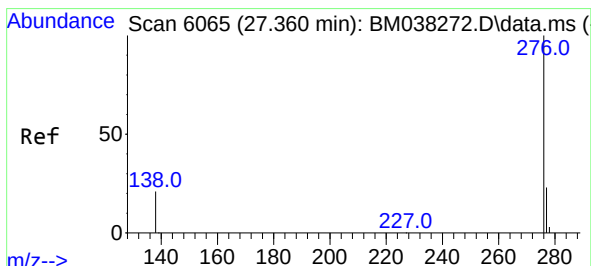
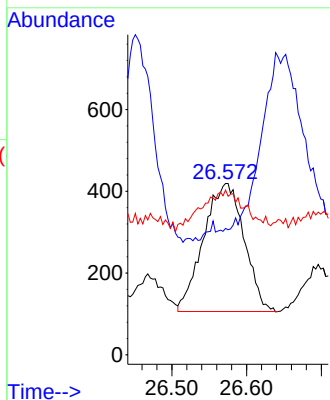
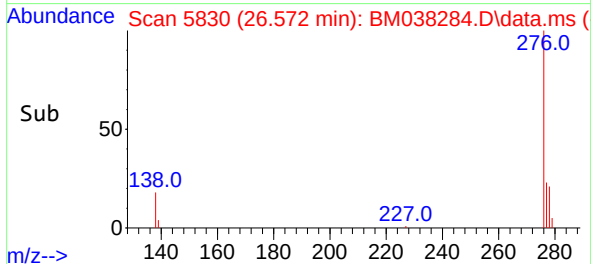
Instrument :
BNA_M
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DBYD2



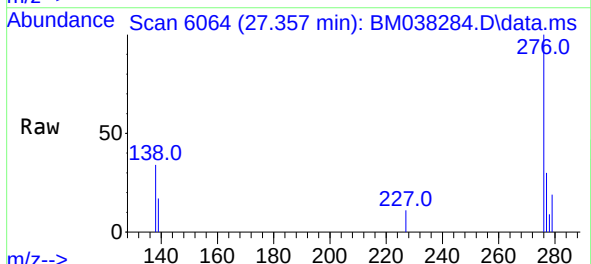
Tgt Ion:278 Resp: 1180
Ion Ratio Lower Upper
278 100
139 73.7 16.8 25.2
279 96.2 23.4 35.2

Manual Integrations
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Supervised By :Yogesh Patel 12/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19



Tgt Ion:276 Resp: 5150
Ion Ratio Lower Upper
276 100
138 34.5 20.8 31.2
277 29.7 20.5 30.7

