

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038264.D
 Acq On : 24 Dec 2022 10:44
 Operator : CG/JU
 Sample : N6015-21
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA4

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:55:12 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	8.030	152	5298	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	15961	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	9047	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	17134	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	11073	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	11338	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	35789	6.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	11003	0.468	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	19055	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	962	0.021	ng/ul#	74
15) Phenanthrene	17.438	178	6429	0.112	ng/ul	96
16) Anthracene	17.531	178	1269	0.023	ng/ul#	79
19) Fluoranthene	19.445	202	17962	0.296	ng/ul#	95
20) Pyrene	19.812	202	15026m	0.245	ng/ul	
21) Benzo(a)anthracene	21.553	228	8638	0.178	ng/ul	94
22) Chrysene	21.606	228	10025	0.212	ng/ul	95
24) Benzo(b)fluoranthene	23.269	252	15559	0.310	ng/ul	90
25) Benzo(k)fluoranthene	23.313	252	5068m	0.105	ng/ul	
26) Benzo(a)pyrene	23.906	252	10413	0.238	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.572	276	9089	0.150	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.572	278	2372	0.050	ng/ul#	26
29) Benzo(g,h,i)perylene	27.363	276	9266	0.181	ng/ul	93

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

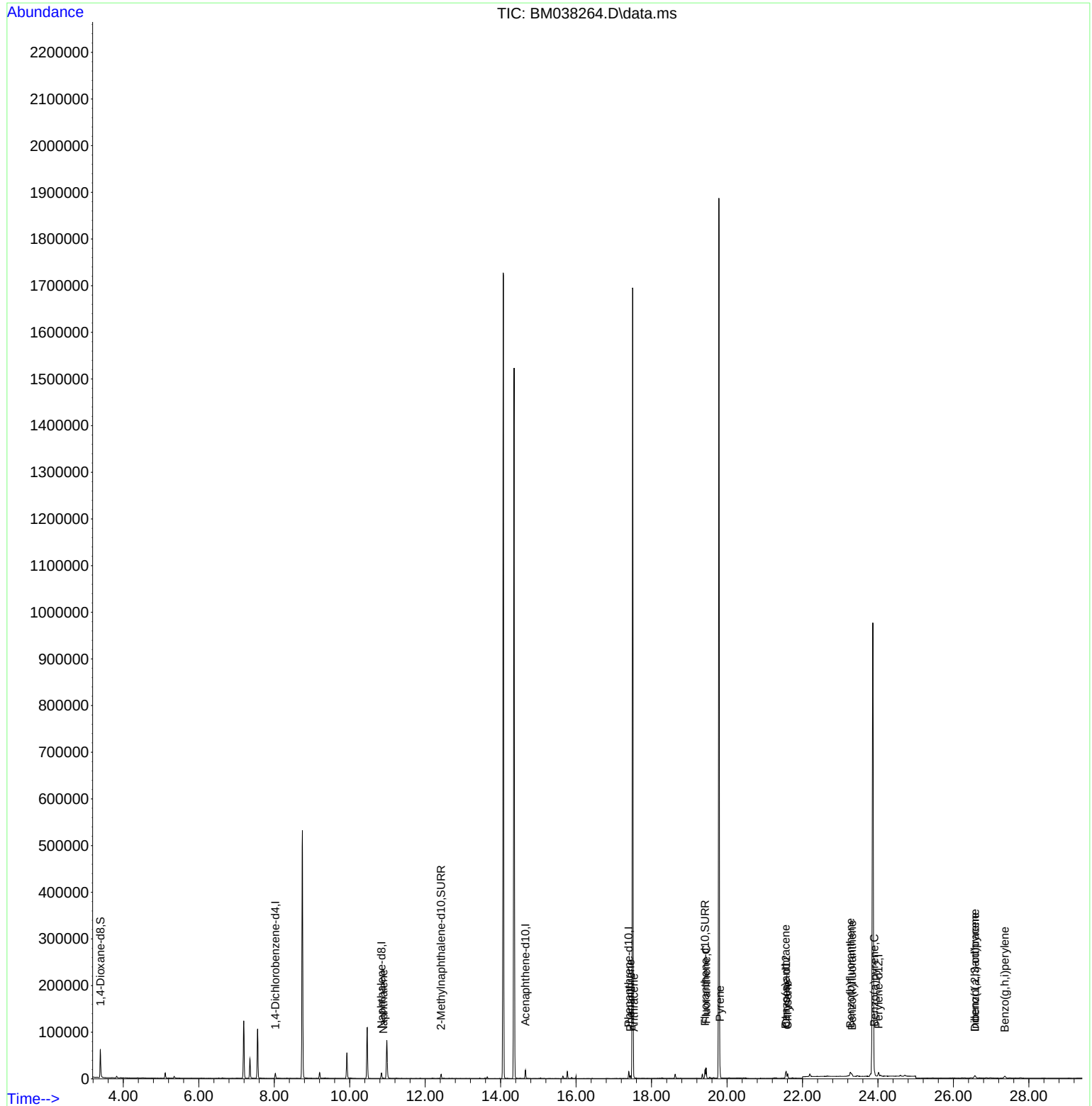
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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ALS Vial : 72 Sample Multiplier: 1

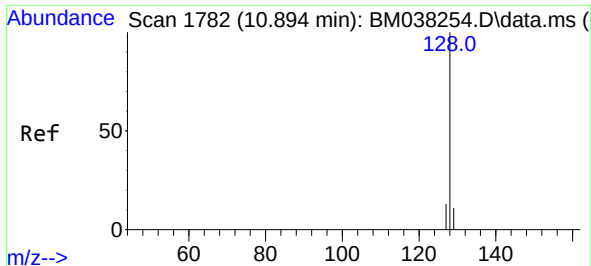
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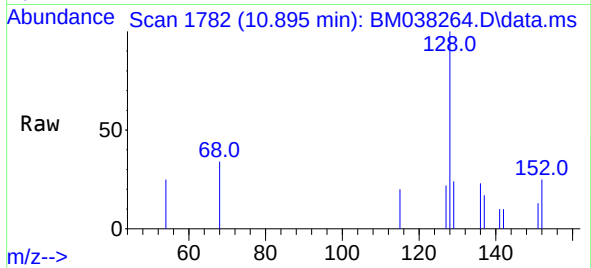
Quant Time: Dec 25 02:55:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

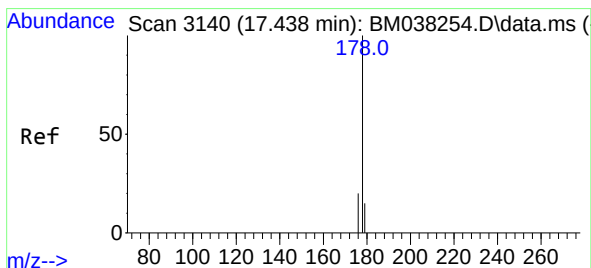
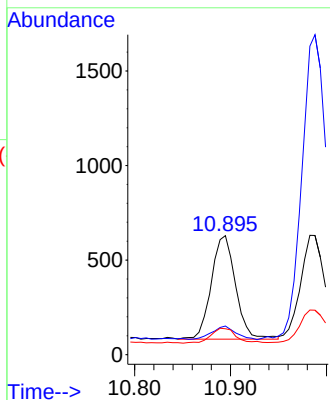
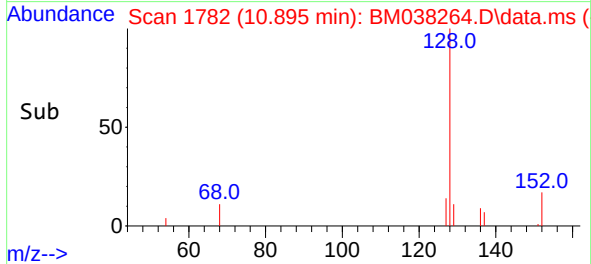
Instrument :
BNA_M
ClientSampleId :
DBYA4



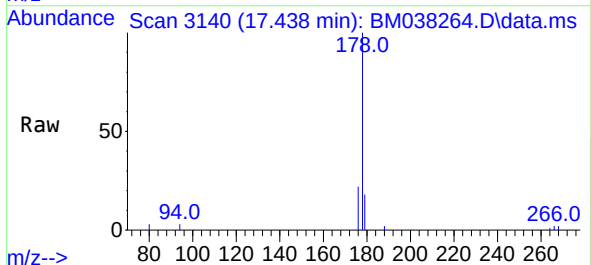
Tgt Ion:128 Resp: 962
Ion Ratio Lower Upper
128 100
129 24.0 9.4 14.0
127 21.8 10.7 16.1

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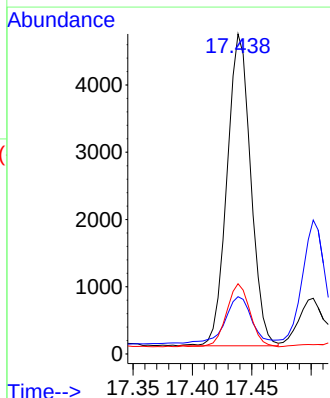
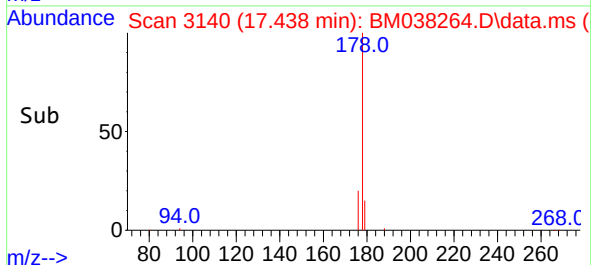
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

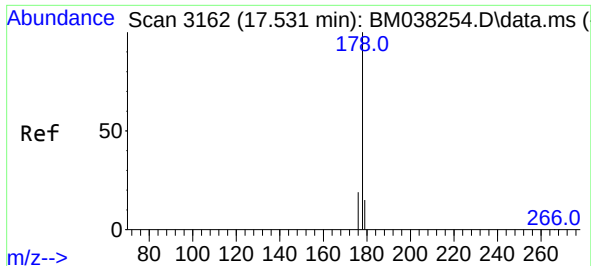


#15
Phenanthrene
Concen: 0.112 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44



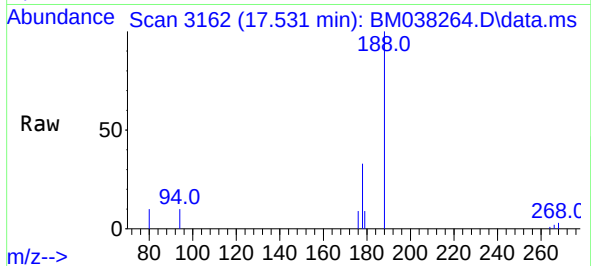
Tgt Ion:178 Resp: 6429
Ion Ratio Lower Upper
178 100
179 17.9 13.0 19.4
176 22.0 16.2 24.4





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038264.D
 Acq: 24 Dec 2022 10:44

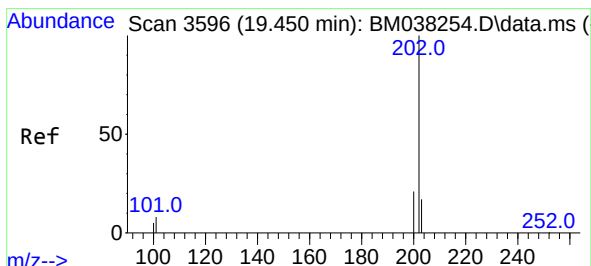
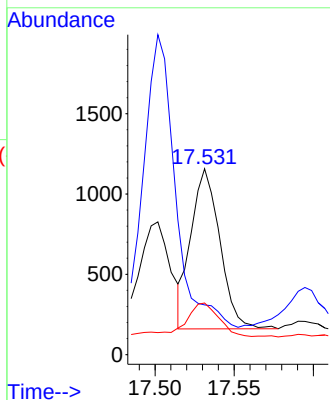
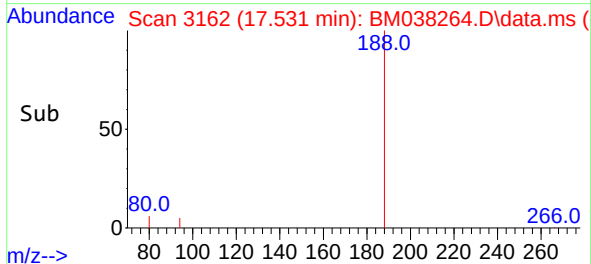
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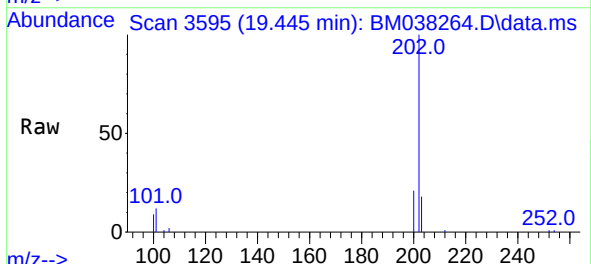
Tgt Ion:178 Resp: 1269
 Ion Ratio Lower Upper
 178 100
 179 26.8 13.0 19.6#
 176 27.8 15.6 23.4#

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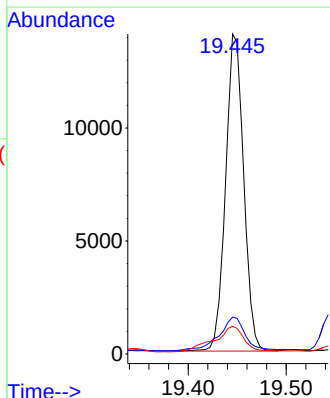
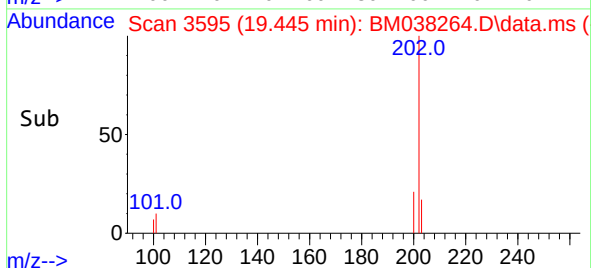
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 Supervised By :Yogesh Patel 12/25/2022

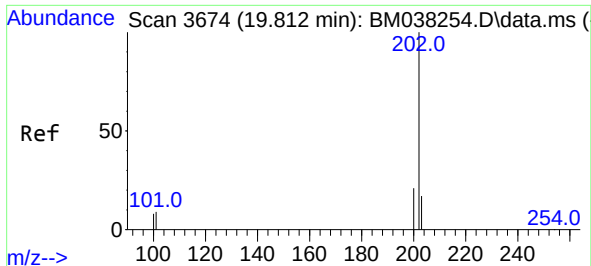


#19
 Fluoranthene
 Concen: 0.296 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038264.D
 Acq: 24 Dec 2022 10:44



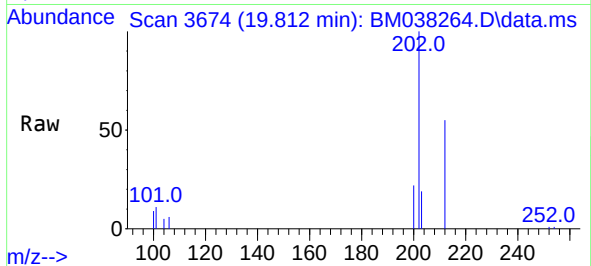
Tgt Ion:202 Resp: 17962
 Ion Ratio Lower Upper
 202 100
 101 11.5 7.5 11.3#
 100 8.7 5.6 8.4#





#20
Pyrene
Concen: 0.245 ng/ul m
RT: 19.812 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

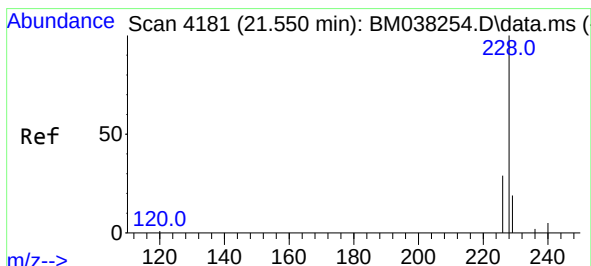
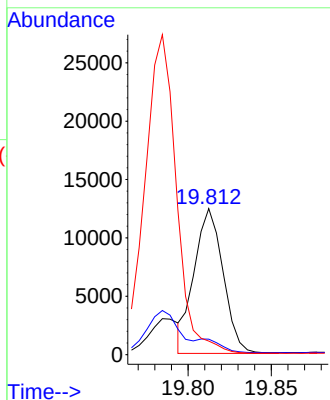
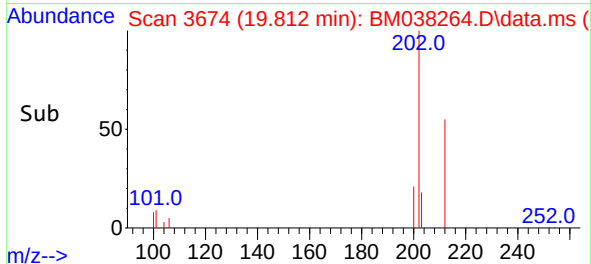
Instrument :
BNA_M
ClientSampleId :
DBYA4



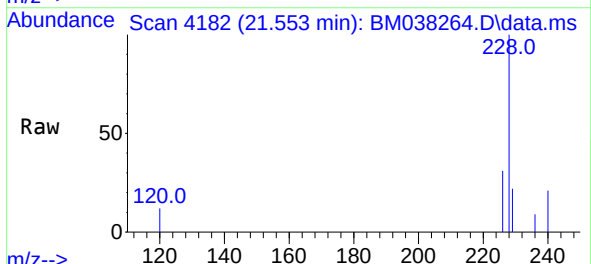
Tgt Ion:202 Resp: 1502
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 9.3 7.4 11.0

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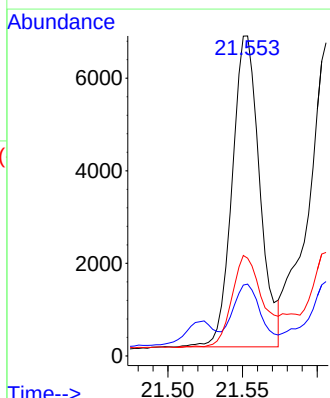
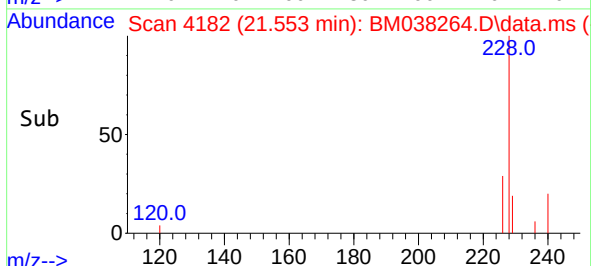
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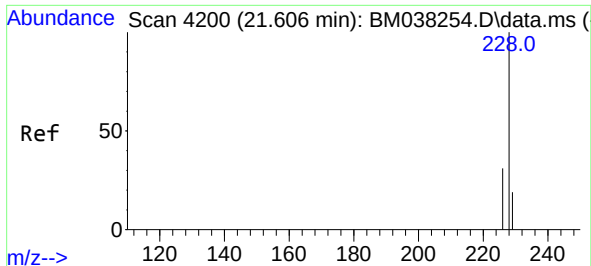


#21
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44



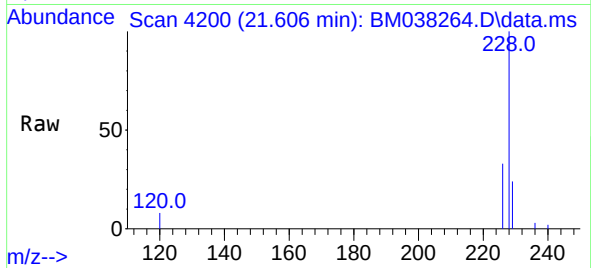
Tgt Ion:228 Resp: 8638
Ion Ratio Lower Upper
228 100
229 22.4 15.5 23.3
226 30.6 22.2 33.2





#22
Chrysene
Concen: 0.212 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

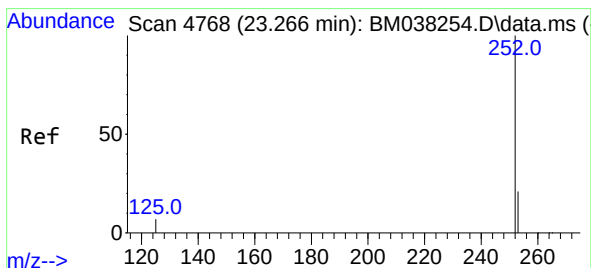
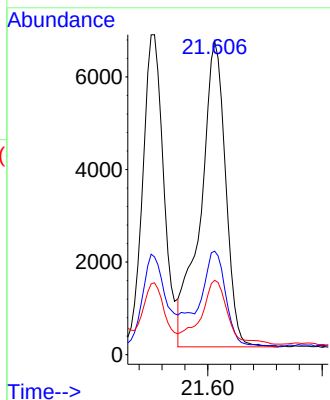
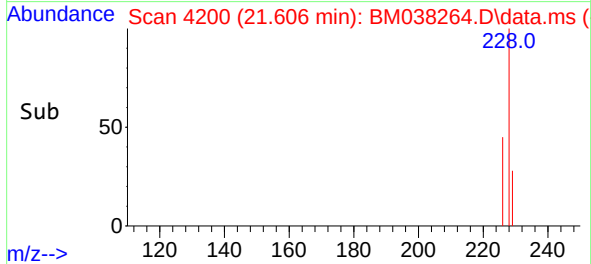
Instrument :
BNA_M
ClientSampleId :
DBYA4



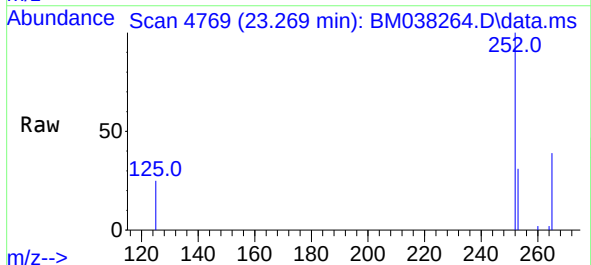
Tgt Ion:228 Resp: 1002
Ion Ratio Lower Upper
228 100
226 33.0 25.0 37.4
229 23.7 16.0 24.0

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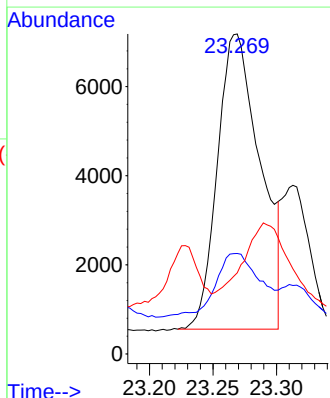
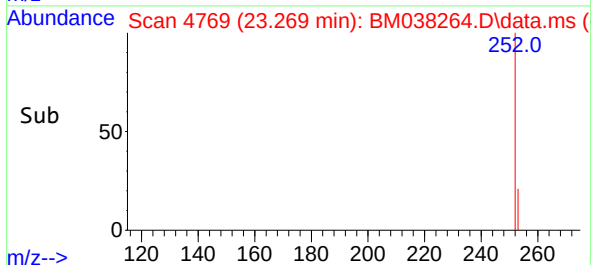
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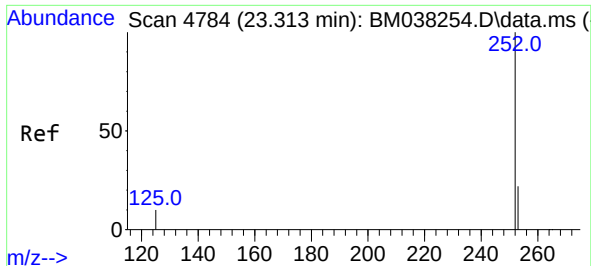


#24
Benzo(b)fluoranthene
Concen: 0.310 ng/u1
RT: 23.269 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44



Tgt Ion:252 Resp: 15559
Ion Ratio Lower Upper
252 100
253 31.4 0.0 56.0
125 25.4 0.0 36.6





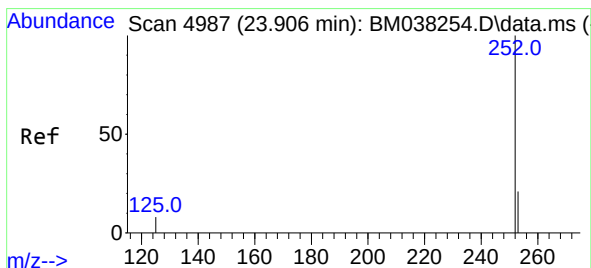
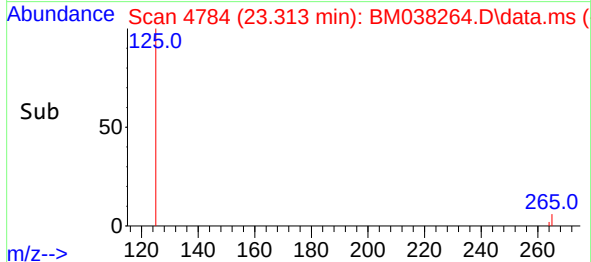
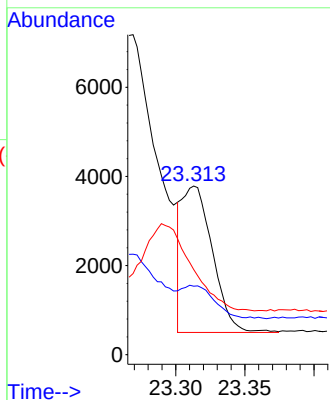
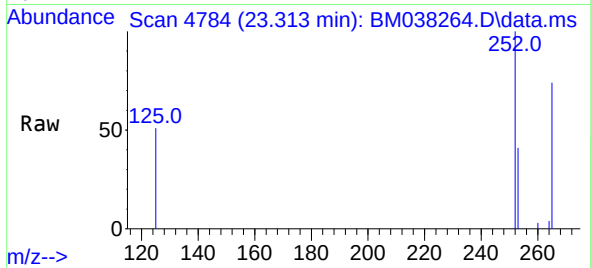
#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 5068
Ion Ratio Lower Upper
252 100
253 40.6 22.5 33.7
125 50.5 14.4 21.6

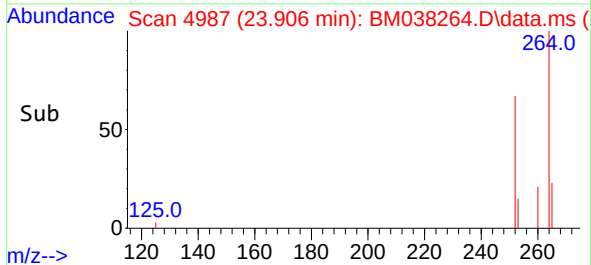
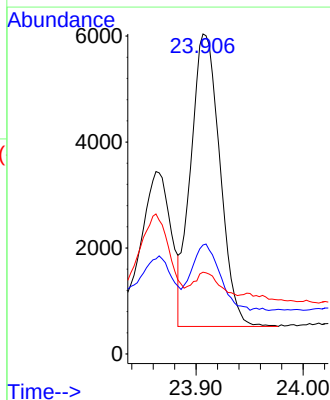
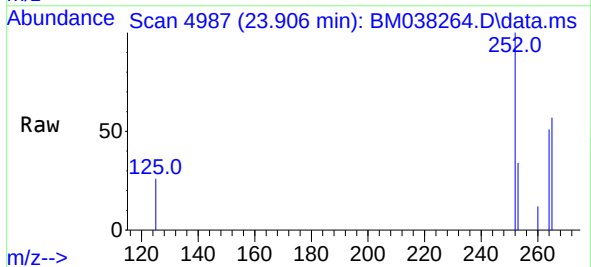
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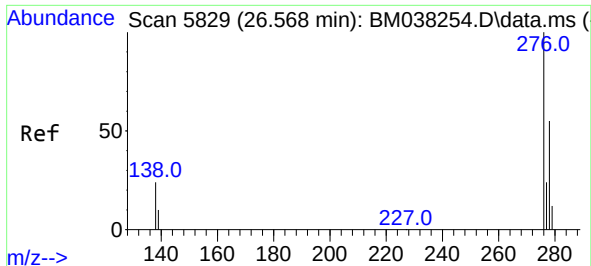
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.238 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

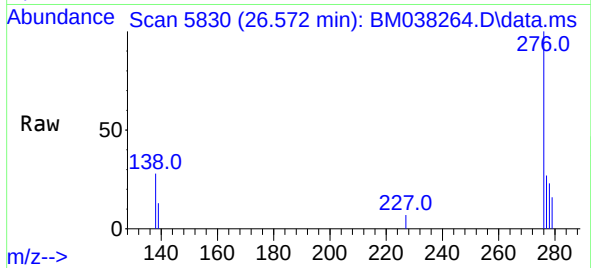
Tgt Ion:252 Resp: 10413
Ion Ratio Lower Upper
252 100
253 34.1 24.2 36.4
125 25.6 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. 0.004 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

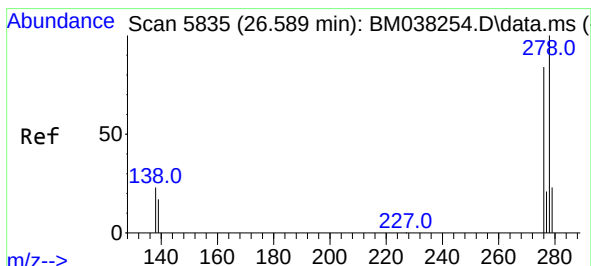
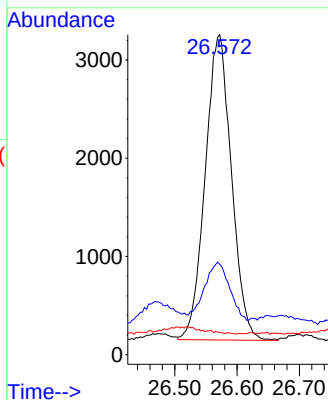
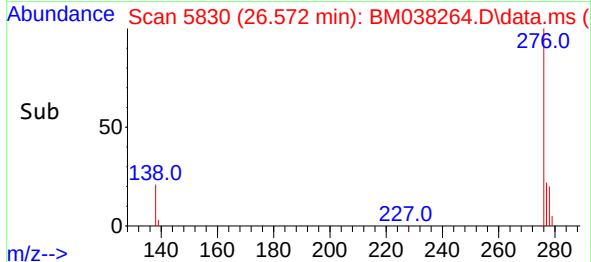
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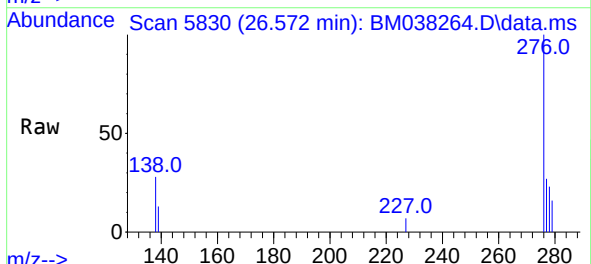
Tgt Ion:276 Resp: 9089
Ion Ratio Lower Upper
276 100
138 20.8 21.7 32.5#
227 0.0 0.0 0.0

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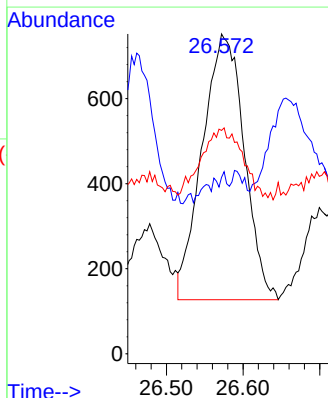
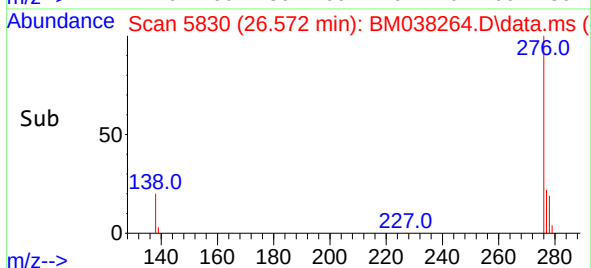
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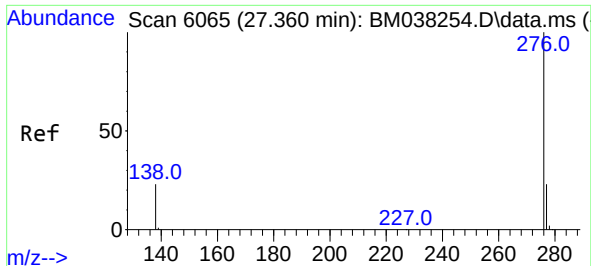


#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44



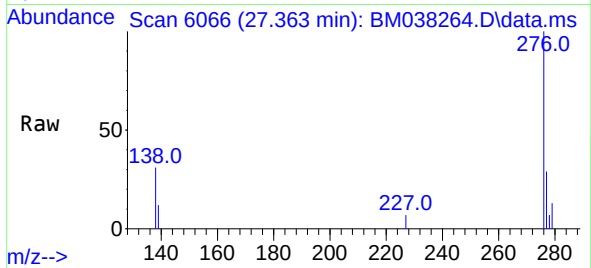
Tgt Ion:278 Resp: 2372
Ion Ratio Lower Upper
278 100
139 55.2 16.8 25.2#
279 69.8 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 27.363 min Scan# 6065
Delta R.T. 0.004 min
Lab File: BM038264.D
Acq: 24 Dec 2022 10:44

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 926
Ion Ratio Lower Upper
276 100
138 30.6 20.8 31.2
277 28.6 20.5 30.7

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