

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038270.D
 Acq On : 24 Dec 2022 14:20
 Operator : CG/JU
 Sample : N6018-10
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYJ0

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:56:09 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	4548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12956	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7095	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12583	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8694	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	8976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13542	2.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4095	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6572	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	809	0.021	ng/ul#	73
10) Acenaphthylene	14.384	152	1108	0.028	ng/ul#	78
15) Phenanthrene	17.438	178	6247	0.148	ng/ul	97
16) Anthracene	17.531	178	1253	0.031	ng/ul#	77
19) Fluoranthene	19.450	202	18256	0.383	ng/ul	97
20) Pyrene	19.812	202	15325m	0.318	ng/ul	
21) Benzo(a)anthracene	21.551	228	8245	0.216	ng/ul#	91
22) Chrysene	21.606	228	9920	0.267	ng/ul#	93
24) Benzo(b)fluoranthene	23.266	252	16090	0.405	ng/ul	92
25) Benzo(k)fluoranthene	23.313	252	5182m	0.136	ng/ul	
26) Benzo(a)pyrene	23.906	252	10780	0.311	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.569	276	9474	0.197	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.579	278	2352	0.063	ng/ul#	26
29) Benzo(g,h,i)perylene	27.360	276	9586	0.237	ng/ul	95

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

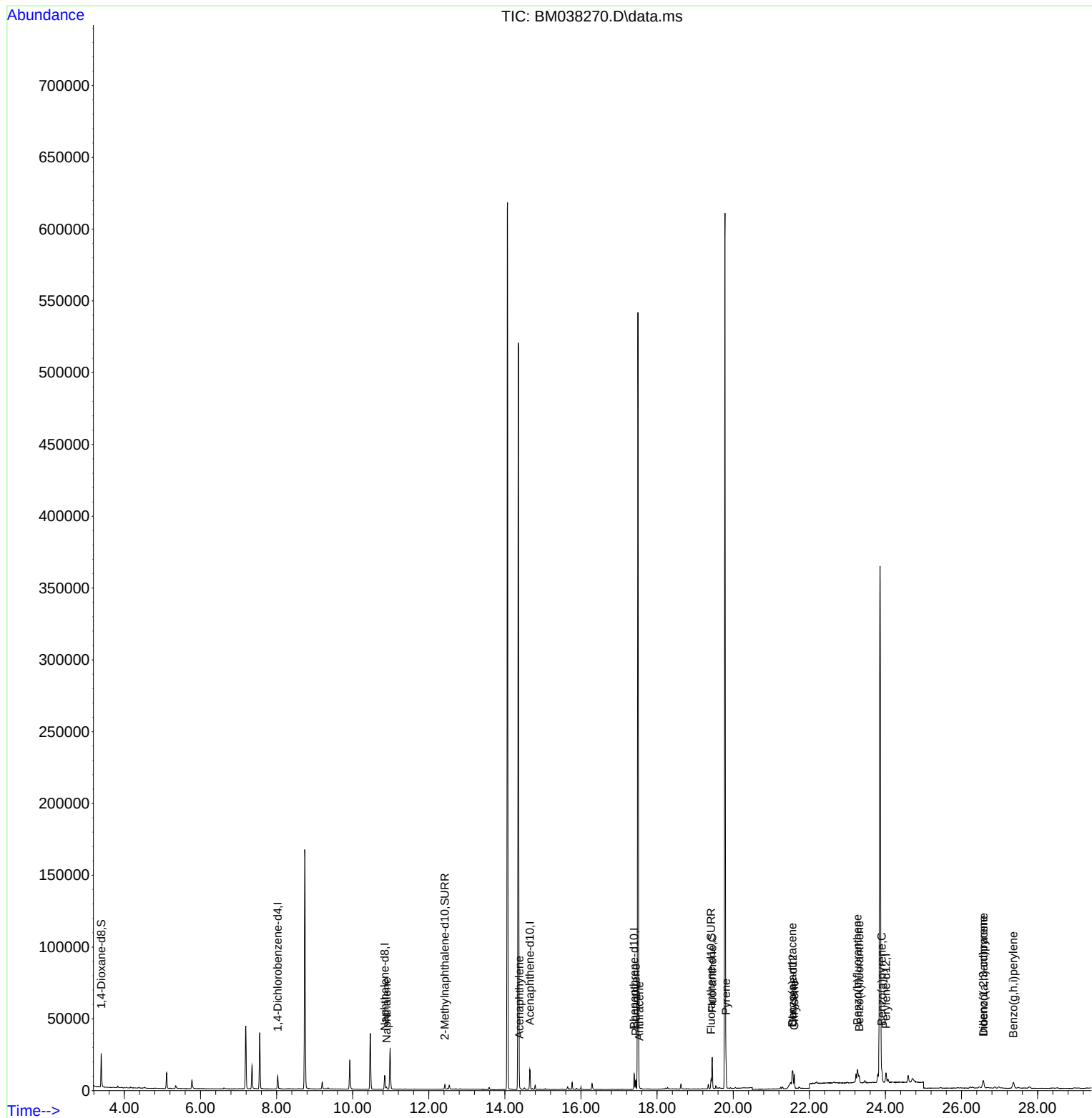
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038270.D
Acq On : 24 Dec 2022 14:20
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ALS Vial : 78 Sample Multiplier: 1

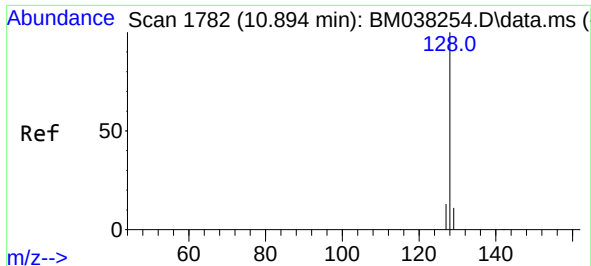
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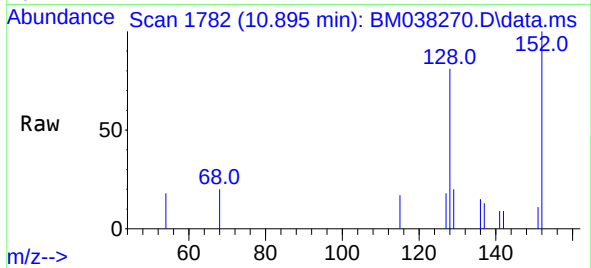
Quant Time: Dec 25 02:56:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.021 ng/uI
RT: 10.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

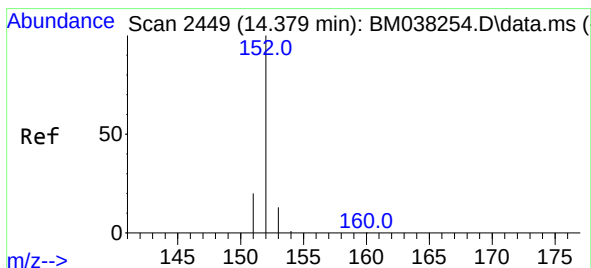
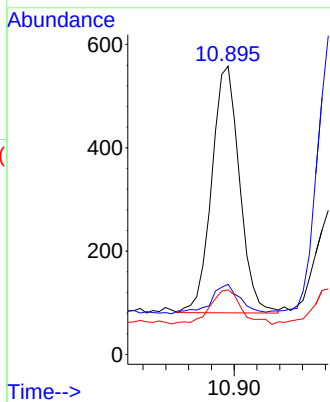
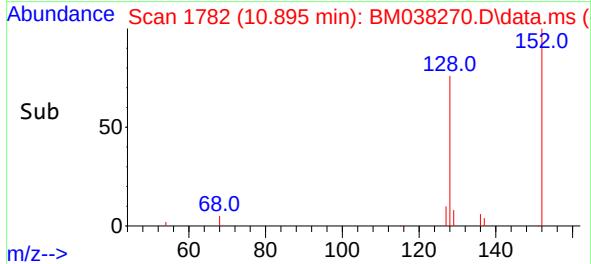
Instrument :
BNA_M
ClientSampleId :
DBYJ0



Tgt Ion:128 Resp: 809
Ion Ratio Lower Upper
128 100
129 24.4 9.4 14.0#
127 22.4 10.7 16.1#

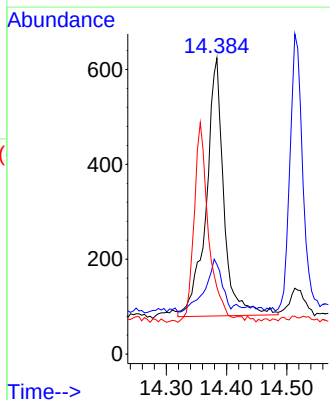
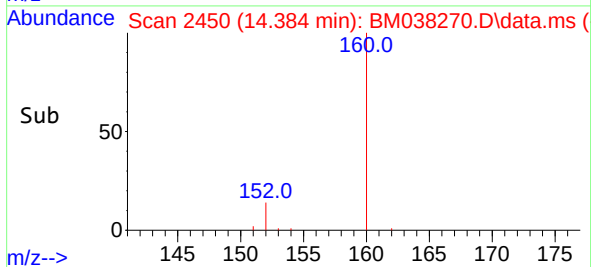
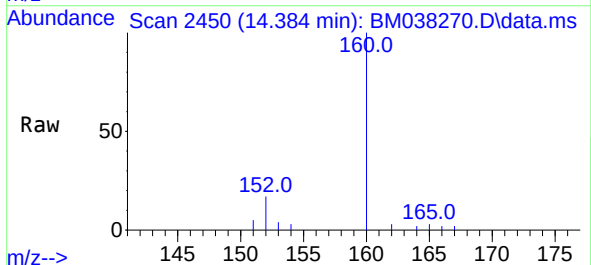
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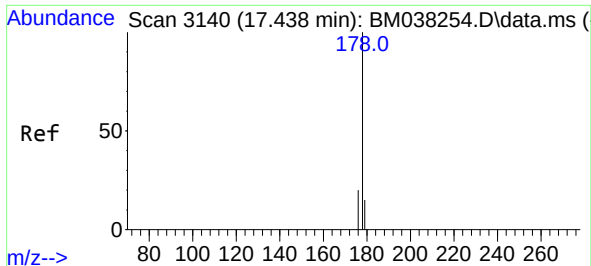
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.028 ng/uI
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

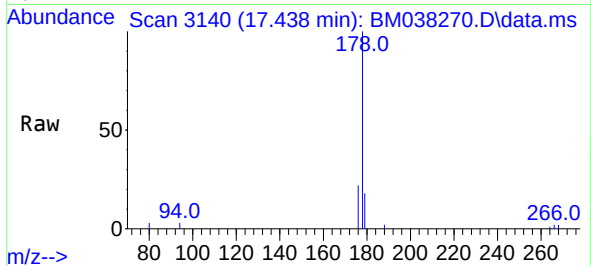
Tgt Ion:152 Resp: 1108
Ion Ratio Lower Upper
152 100
151 30.3 16.2 24.2#
153 22.6 10.7 16.1#





#15
Phenanthrene
Concen: 0.148 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

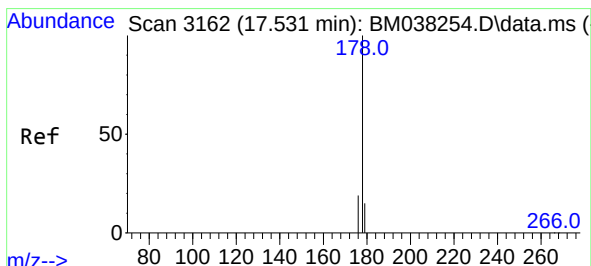
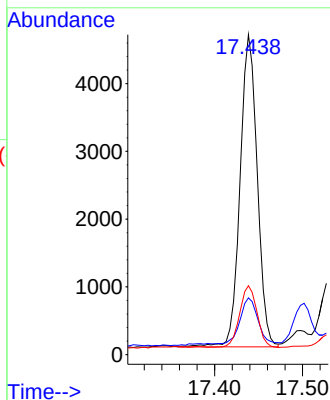
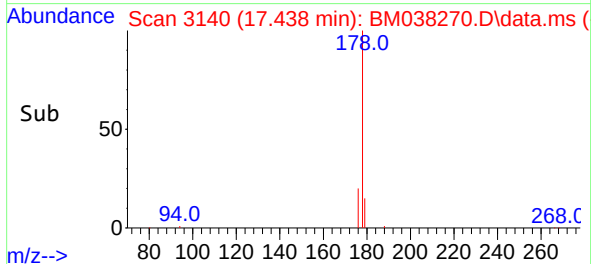
Instrument :
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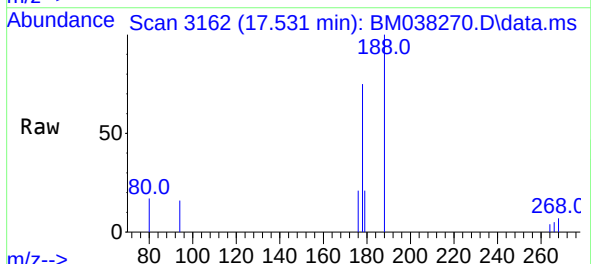
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Ion Ratio Lower Upper
178 100
179 17.7 13.0 19.4
176 21.5 16.2 24.4

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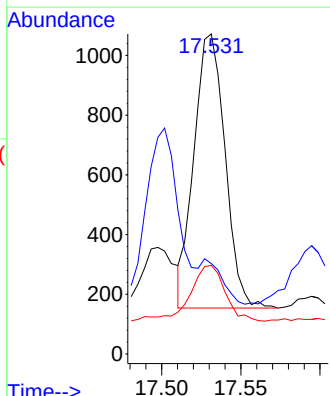
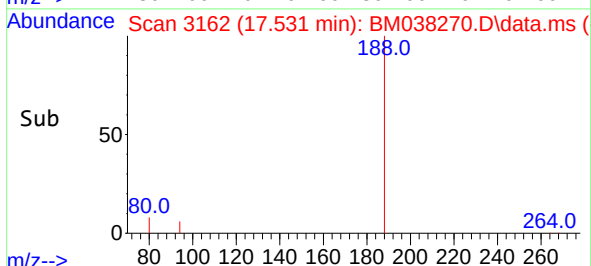
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Supervised By :Yogesh Patel 12/25/2022

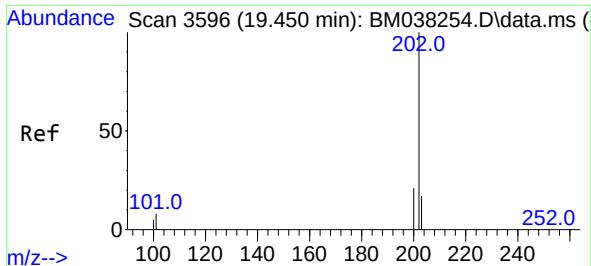


#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20



Tgt Ion:178 Resp: 1253
Ion Ratio Lower Upper
178 100
179 28.3 13.0 19.6#
176 27.7 15.6 23.4#





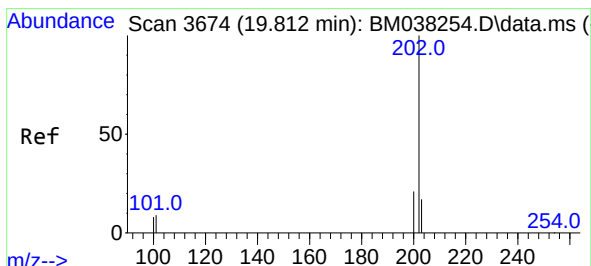
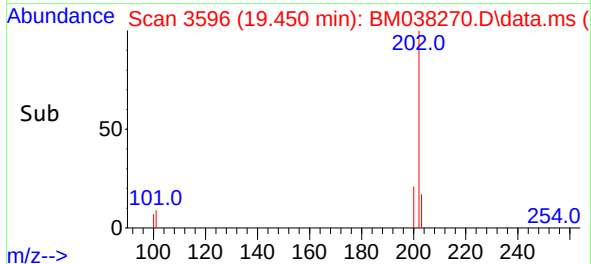
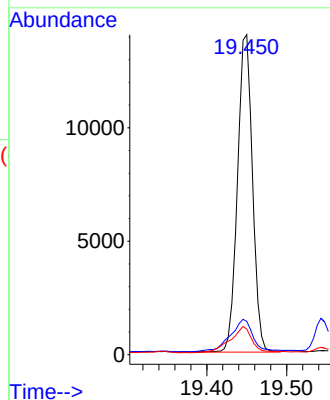
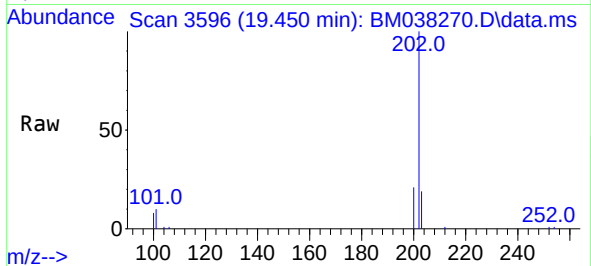
#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.450 min Scan# 3596
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 18250
Ion Ratio Lower Upper
202 100
101 10.4 7.5 11.3
100 8.0 5.6 8.4

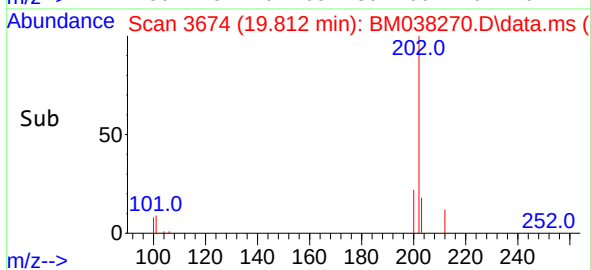
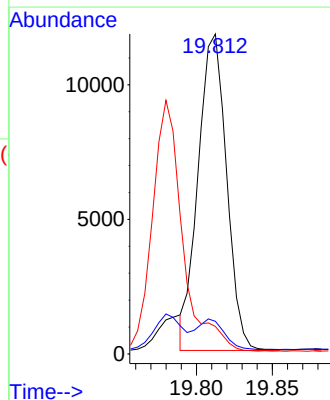
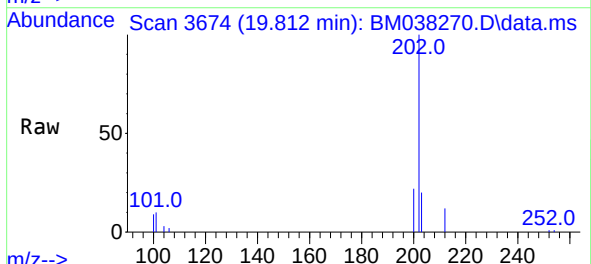
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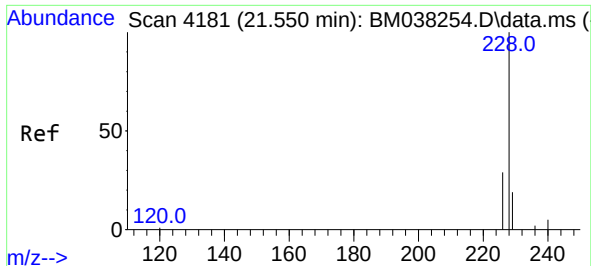
Reviewed By :Jagrut Upadhyay 12/25/2022
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#20
Pyrene
Concen: 0.318 ng/u1 m
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

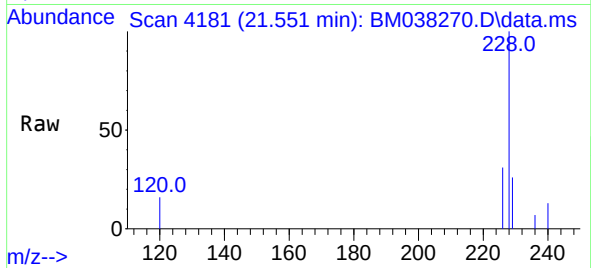
Tgt Ion:202 Resp: 15325
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.6 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.216 ng/u1
RT: 21.551 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

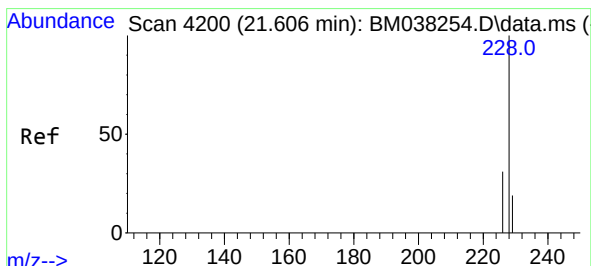
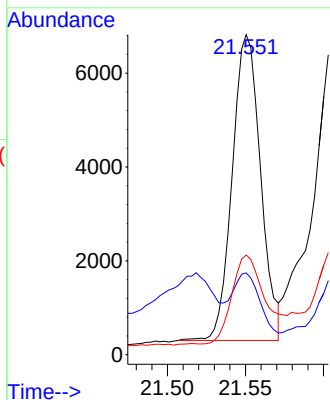
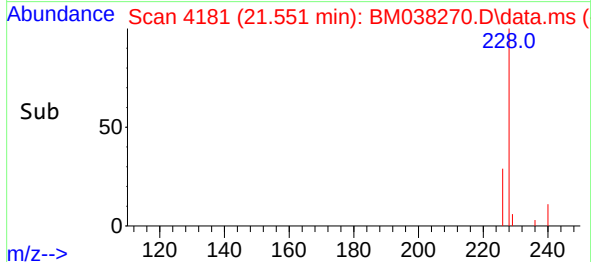
Instrument :
BNA_M
ClientSampleId :
DBYJ0



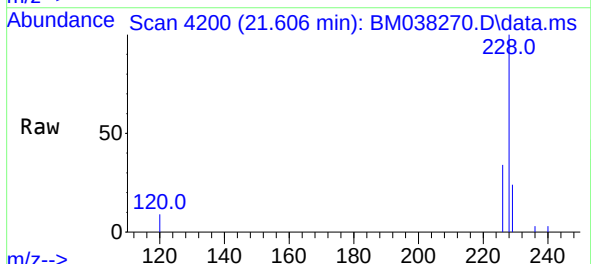
Tgt Ion:228 Resp: 8245
Ion Ratio Lower Upper
228 100
229 25.6 15.5 23.3
226 31.2 22.2 33.2

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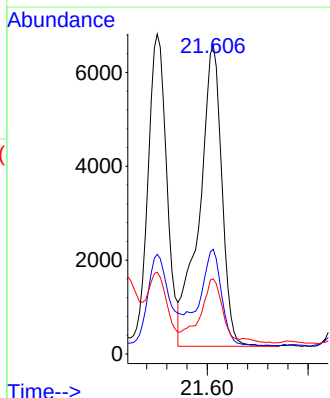
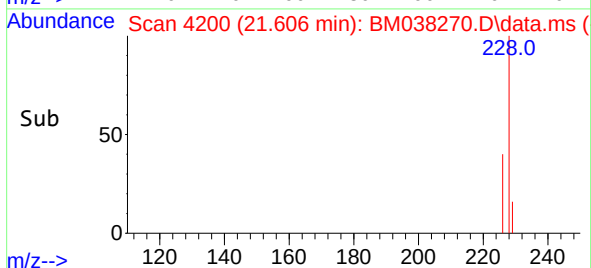
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

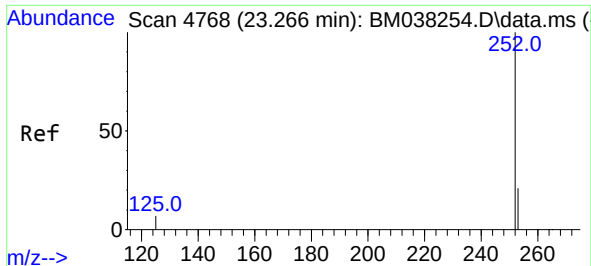


#22
Chrysene
Concen: 0.267 ng/u1
RT: 21.606 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20



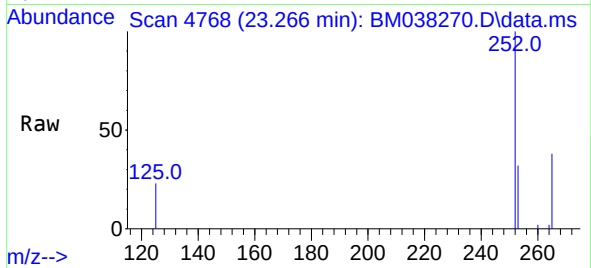
Tgt Ion:228 Resp: 9920
Ion Ratio Lower Upper
228 100
226 33.9 25.0 37.4
229 24.3 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

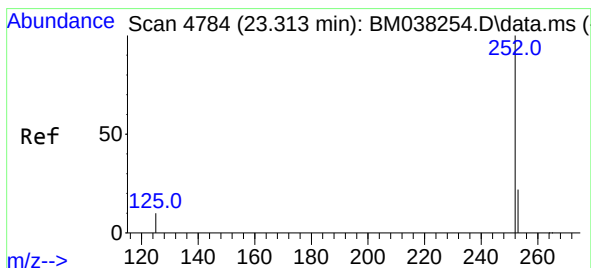
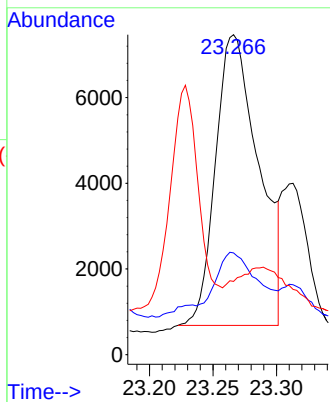
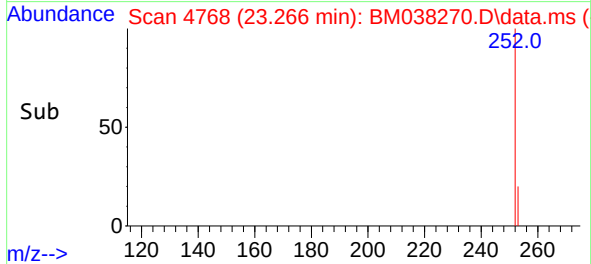
Instrument :
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ClientSampleId :
DBYJ0



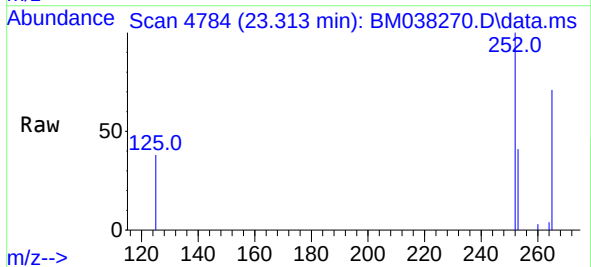
Tgt Ion:252 Resp: 16090
Ion Ratio Lower Upper
252 100
253 31.8 0.0 56.0
125 22.9 0.0 36.6

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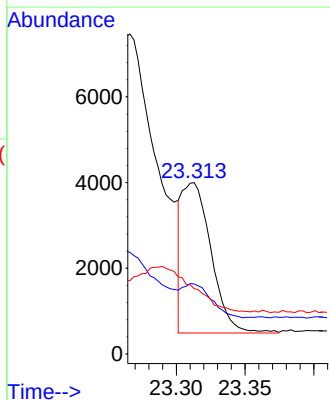
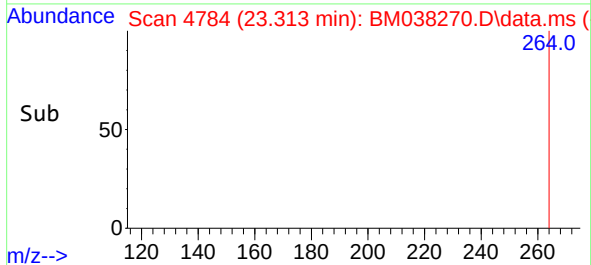
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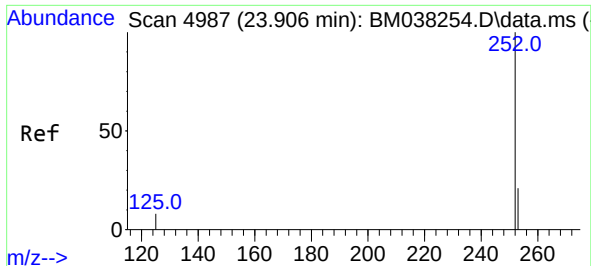


#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20



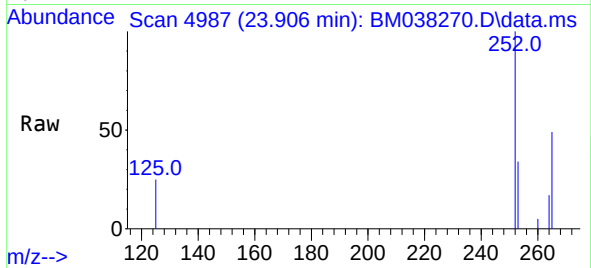
Tgt Ion:252 Resp: 5182
Ion Ratio Lower Upper
252 100
253 40.9 22.5 33.7#
125 38.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

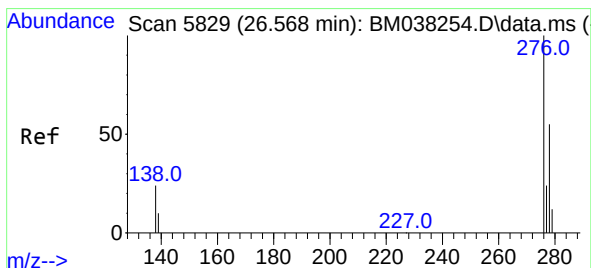
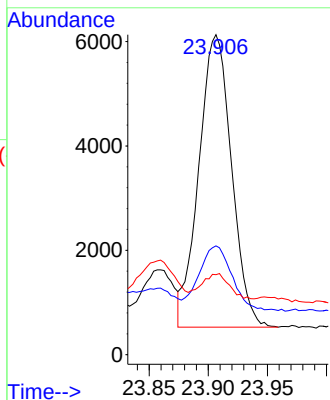
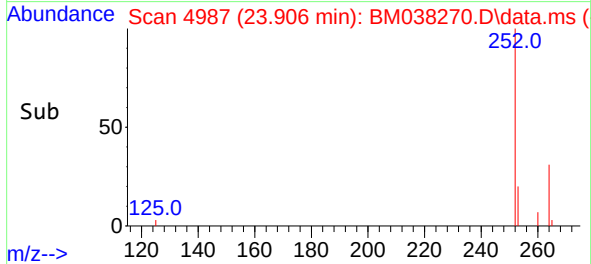
Instrument :
BNA_M
ClientSampleId :
DBYJ0



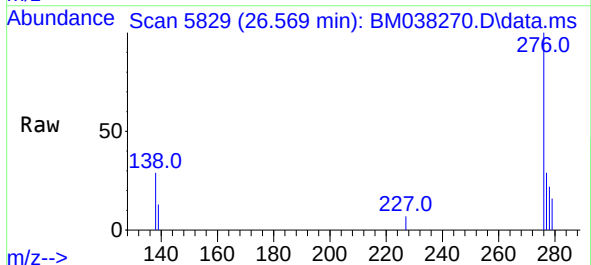
Tgt Ion:252 Resp: 10780
Ion Ratio Lower Upper
252 100
253 34.0 24.2 36.4
125 25.0 17.3 25.9

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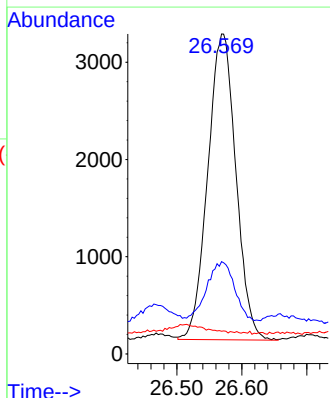
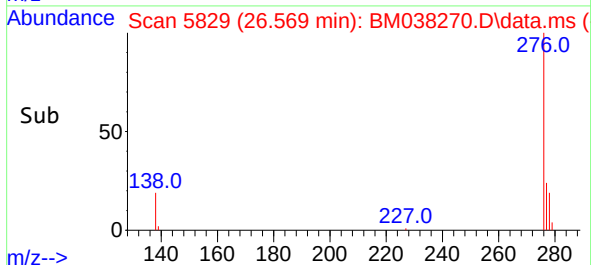
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Supervised By :Yogesh Patel 12/25/2022

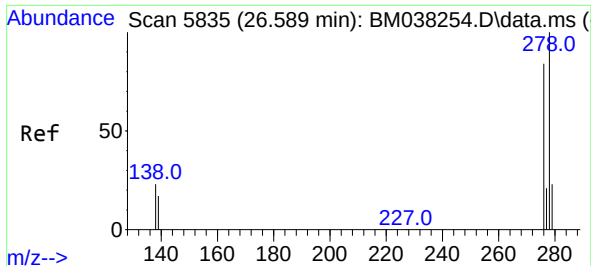


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20



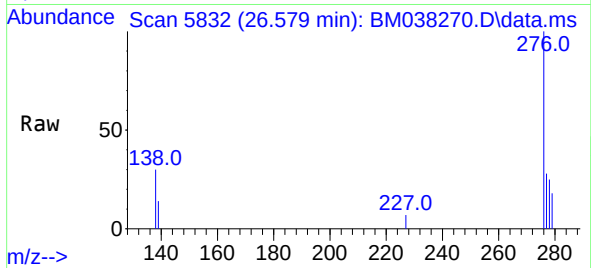
Tgt Ion:276 Resp: 9474
Ion Ratio Lower Upper
276 100
138 19.1 21.7 32.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.579 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20

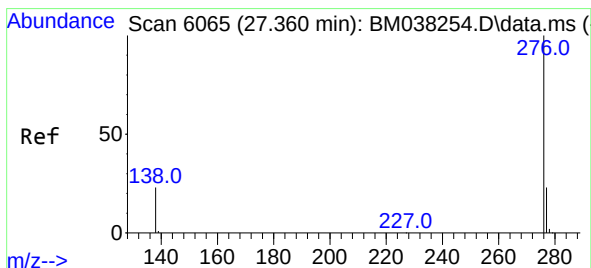
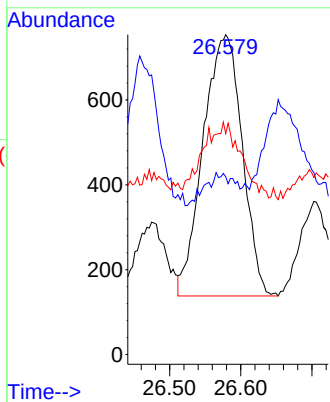
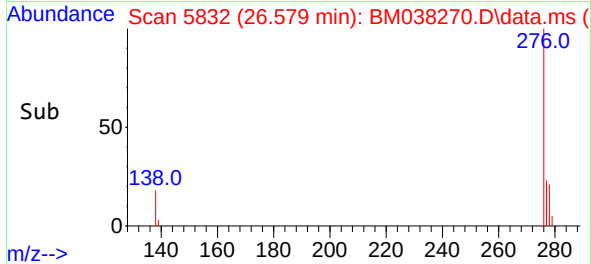
Instrument :
BNA_M
ClientSampleId :
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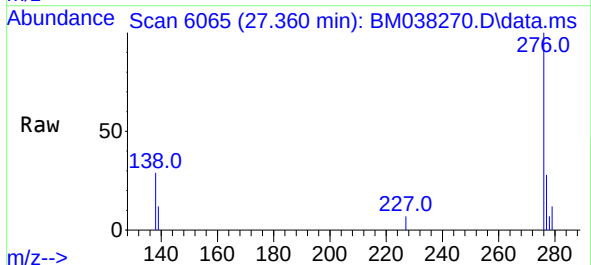
Tgt Ion:278 Resp: 2352
Ion Ratio Lower Upper
278 100
139 55.6 16.8 25.2
279 69.1 23.4 35.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.237 ng/ul
RT: 27.360 min Scan# 6065
Delta R.T. 0.000 min
Lab File: BM038270.D
Acq: 24 Dec 2022 14:20



Tgt Ion:276 Resp: 9586
Ion Ratio Lower Upper
276 100
138 28.9 20.8 31.2
277 28.1 20.5 30.7

