

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038131.D
 Acq On : 20 Dec 2022 09:04
 Operator : CG/JU
 Sample : N6003-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXX0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 20 23:54:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.047	152	4887	0.400 ng/ul	0.00
4) Naphthalene-d8	10.862	136	15449	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9022	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.413	188	18587	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.577	240	13862	0.400 ng/ul	0.00
23) Perylene-d12	24.026	264	13116	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.402	96	27159	4.066 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	7895	0.350 ng/ul	0.00
18) Fluoranthene-d10	19.427	212	18271	0.364 ng/ul	0.00
Target Compounds					
					Qvalue
14) Pentachlorophenol	17.067	266	384	0.050 ng/ul	97
15) Phenanthrene	17.451	178	4958	0.079 ng/ul	94
16) Anthracene	17.544	178	1643	0.028 ng/ul#	77
19) Fluoranthene	19.459	202	12627	0.176 ng/ul	97
20) Pyrene	19.822	202	10334m	0.141 ng/ul	
21) Benzo(a)anthracene	21.562	228	6351	0.106 ng/ul#	92
22) Chrysene	21.615	228	7273	0.120 ng/ul#	93
24) Benzo(b)fluoranthene	23.278	252	9761	0.157 ng/ul	72
25) Benzo(k)fluoranthene	23.325	252	4449m	0.074 ng/ul	
26) Benzo(a)pyrene	23.918	252	6006	0.115 ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.585	276	5241	0.080 ng/ul#	88
28) Dibenzo(a,h)anthracene	26.599	278	1895	0.037 ng/ul#	19
29) Benzo(g,h,i)perylene	27.380	276	3825	0.068 ng/ul#	81

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

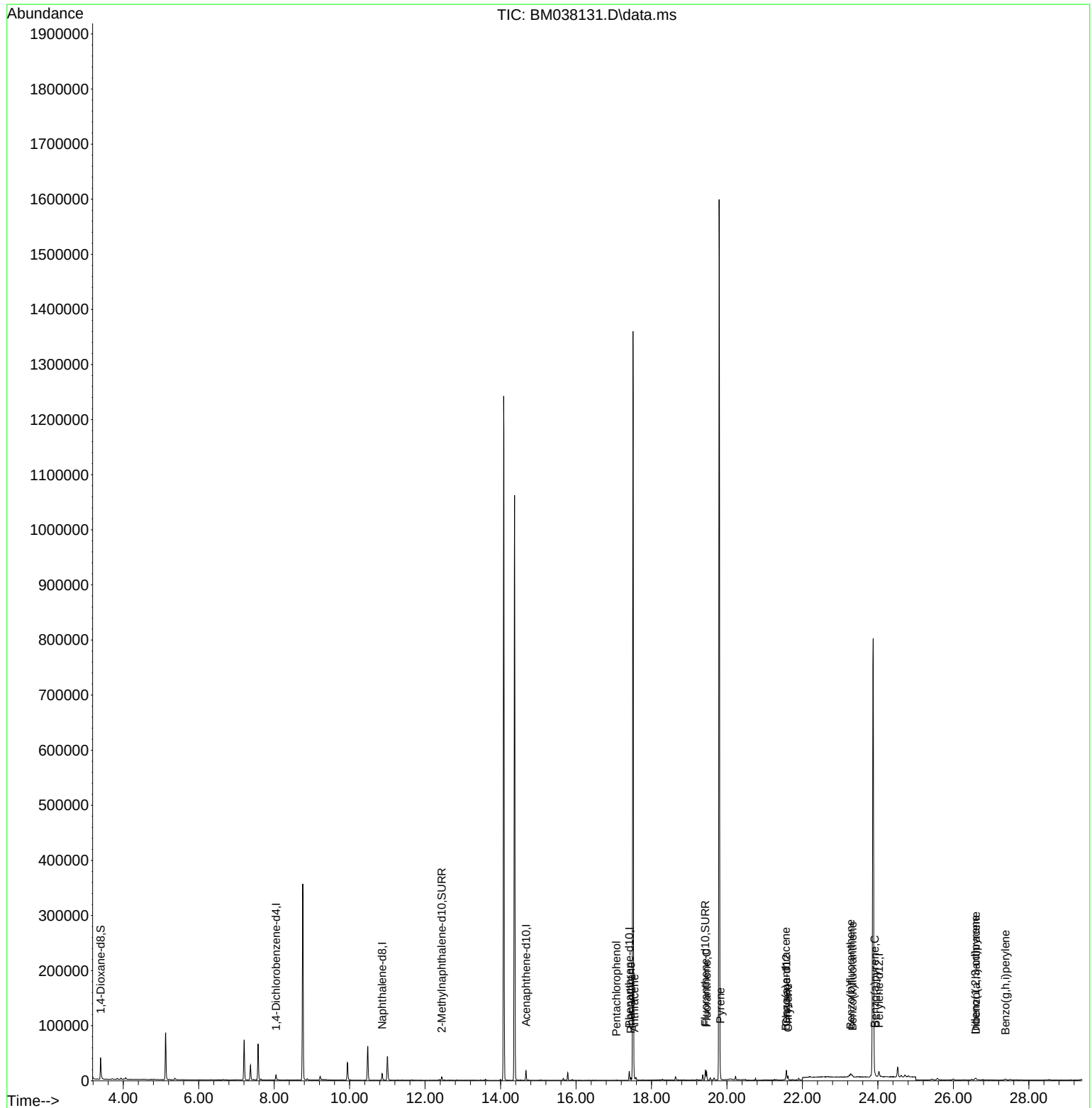
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038131.D
Acq On : 20 Dec 2022 09:04
Operator : CG/JU
Sample : N6003-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

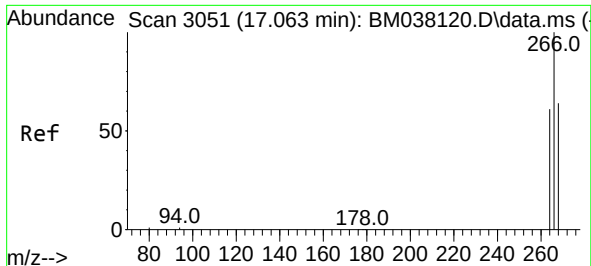
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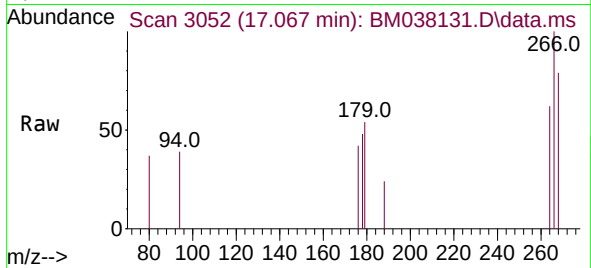
Quant Time: Dec 20 23:54:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 17.067 min Scan# 3051
Delta R.T. 0.000 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04

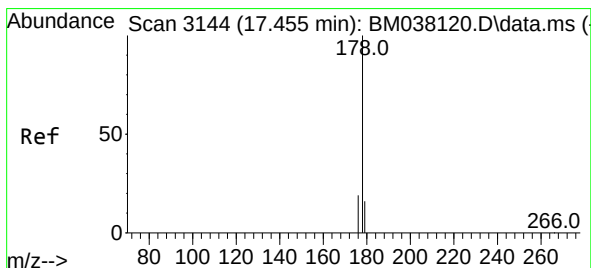
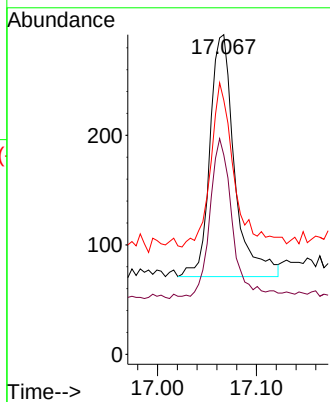
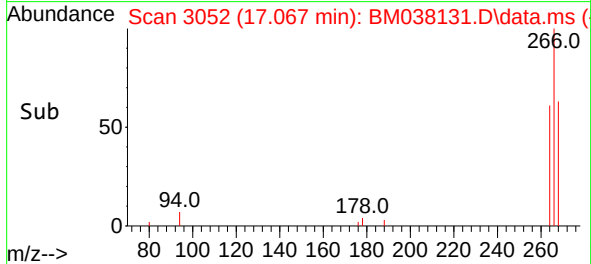
Instrument :
BNA_M
ClientSampleId :
DBXX0



Tgt Ion:266 Resp: 384
Ion Ratio Lower Upper
266 100
264 58.6 49.9 74.9
268 66.4 52.0 78.0

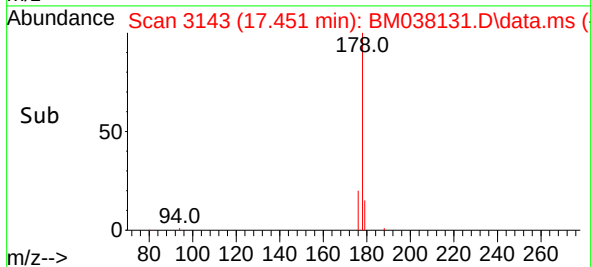
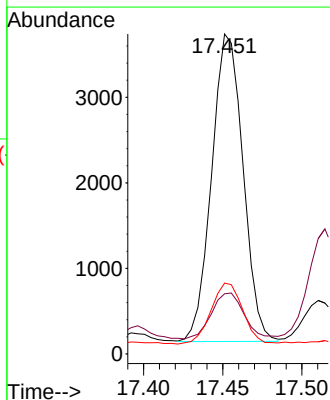
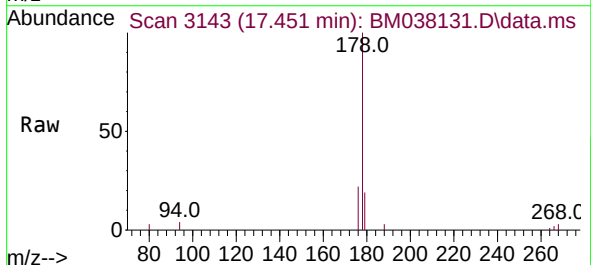
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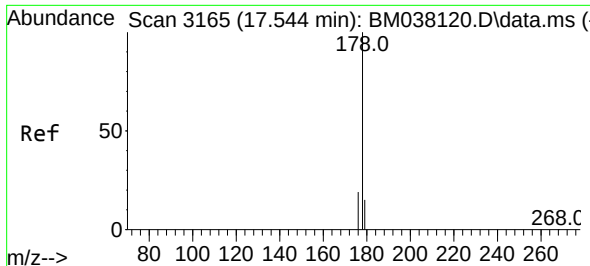
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022



#15
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04

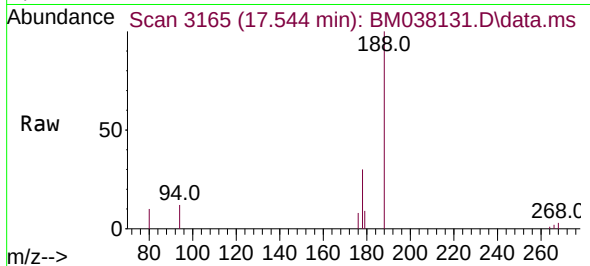
Tgt Ion:178 Resp: 4958
Ion Ratio Lower Upper
178 100
179 18.8 12.6 19.0
176 22.1 15.8 23.6





#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.544 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM038131.D
 Acq: 20 Dec 2022 09:04

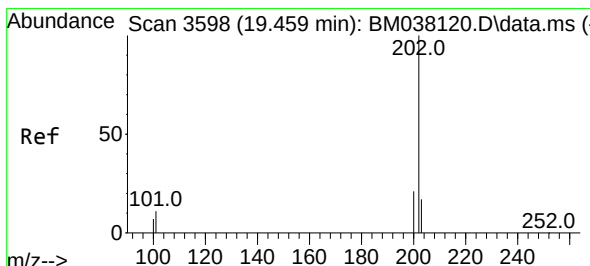
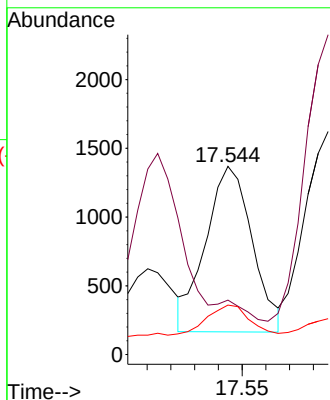
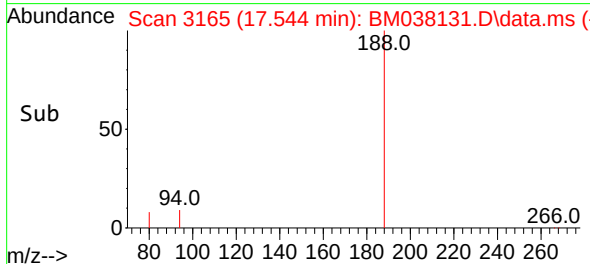
Instrument :
 BNA_M
 ClientSampleId :
 DBXX0



Tgt Ion:178 Resp: 1643
 Ion Ratio Lower Upper
 178 100
 179 28.9 13.0 19.4
 176 26.3 15.0 22.4

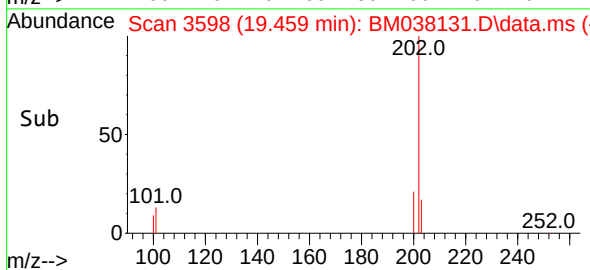
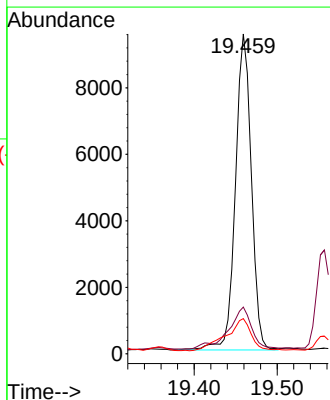
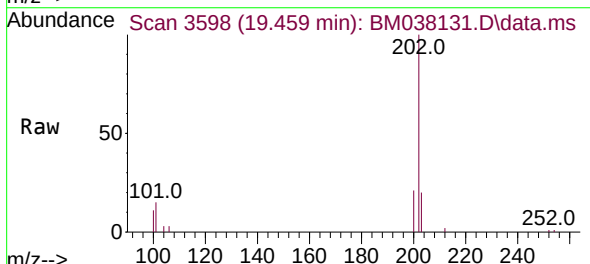
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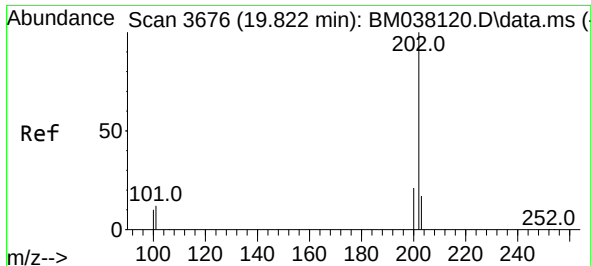
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/21/2022



#19
 Fluoranthene
 Concen: 0.176 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038131.D
 Acq: 20 Dec 2022 09:04

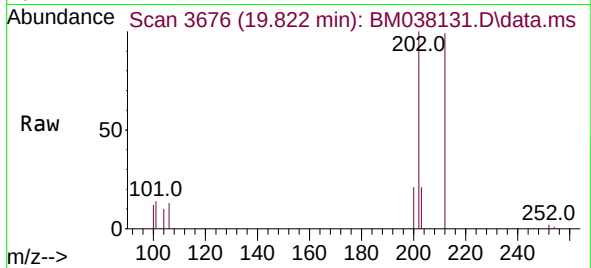
Tgt Ion:202 Resp: 12627
 Ion Ratio Lower Upper
 202 100
 101 14.6 10.6 15.8
 100 11.0 7.9 11.9





#20
Pyrene
Concen: 0.141 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04

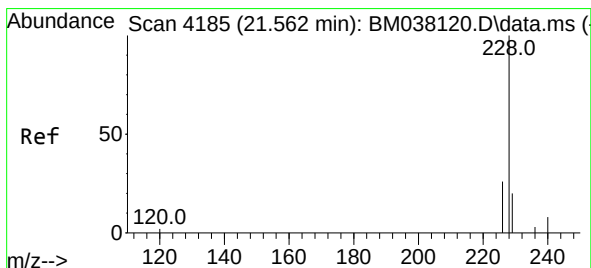
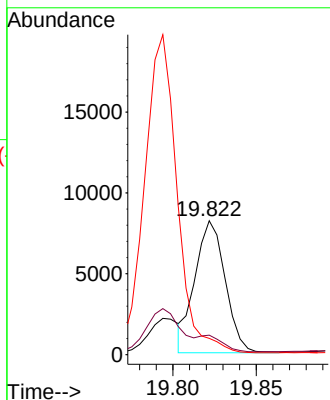
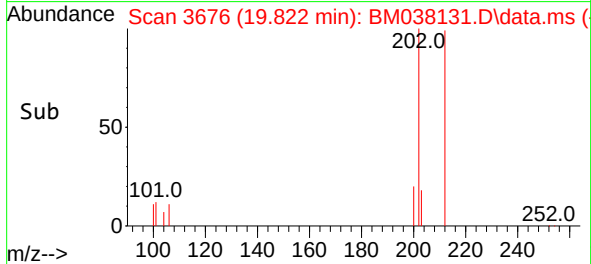
Instrument :
BNA_M
ClientSampleId :
DBXX0



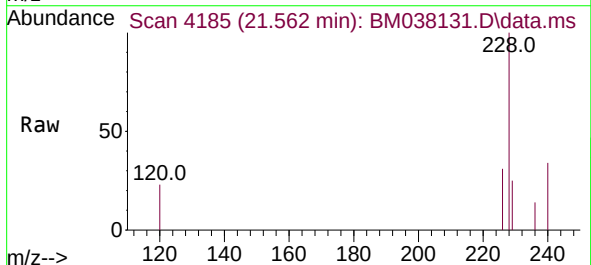
Tgt Ion:202 Resp: 10334
Ion Ratio Lower Upper
202 100
101 14.5 12.1 18.1
100 12.1 9.8 14.6

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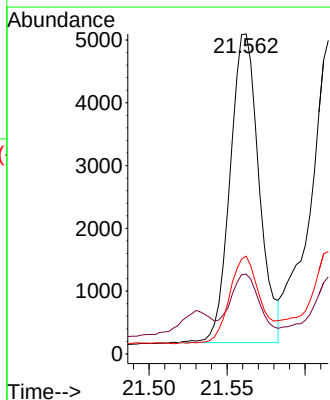
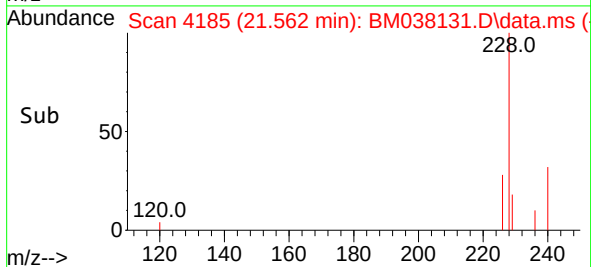
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022

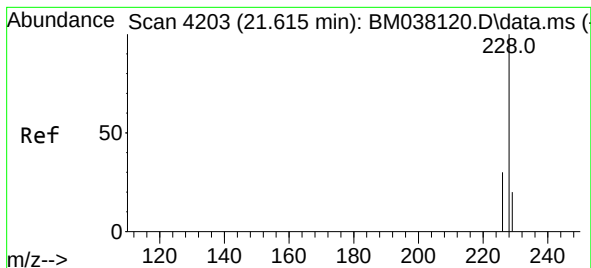


#21
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04



Tgt Ion:228 Resp: 6351
Ion Ratio Lower Upper
228 100
229 24.9 15.9 23.9#
226 30.5 22.1 33.1





#22

Chrysene

Concen: 0.120 ng/ul

RT: 21.615 min Scan# 4203

Delta R.T. -0.003 min

Lab File: BM038131.D

Acq: 20 Dec 2022 09:04

Instrument :

BNA_M

ClientSampleId :

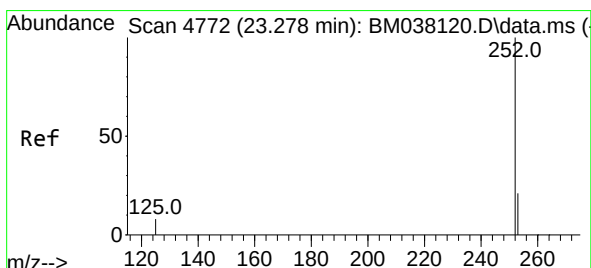
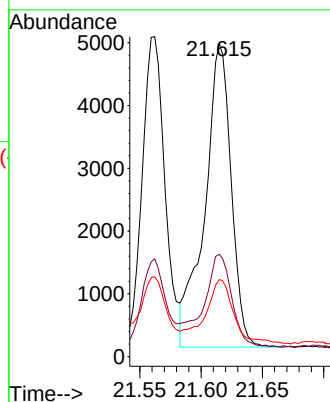
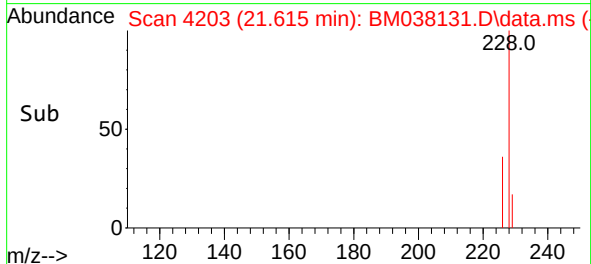
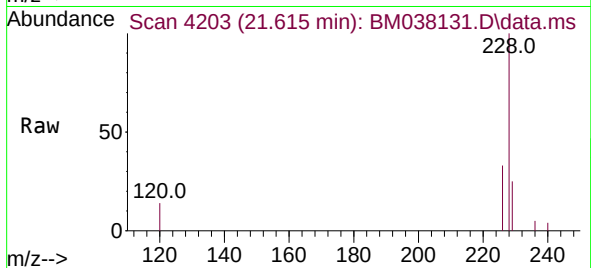
DBXX0

Tgt Ion:228	Resp:	7273
Ion Ratio	Lower	Upper
228	100	
226	32.6	24.1 36.1
229	24.6	15.7 23.5

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#24

Benzo(b)fluoranthene

Concen: 0.157 ng/ul

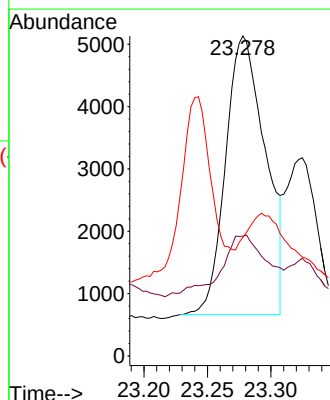
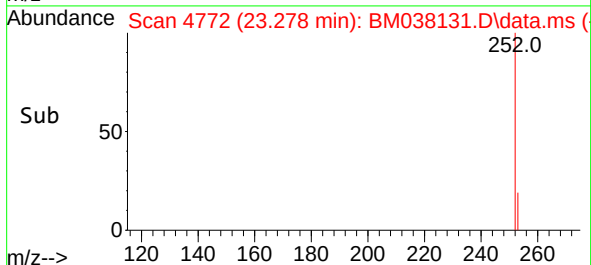
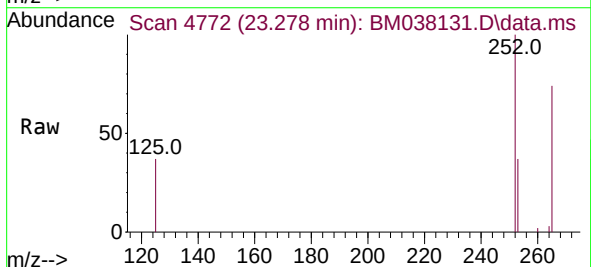
RT: 23.278 min Scan# 4772

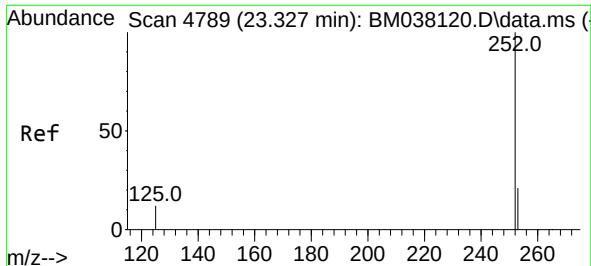
Delta R.T. -0.003 min

Lab File: BM038131.D

Acq: 20 Dec 2022 09:04

Tgt Ion:252	Resp:	9761
Ion Ratio	Lower	Upper
252	100	
253	37.4	0.0 51.8
125	37.1	0.0 42.2





#25

Benzo(k)fluoranthene

Concen: 0.074 ng/ul m

RT: 23.325 min Scan# 4789

Delta R.T. -0.006 min

Lab File: BM038131.D

Acq: 20 Dec 2022 09:04

Instrument :

BNA_M

ClientSampleId :

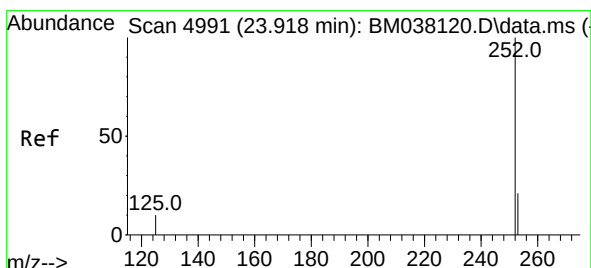
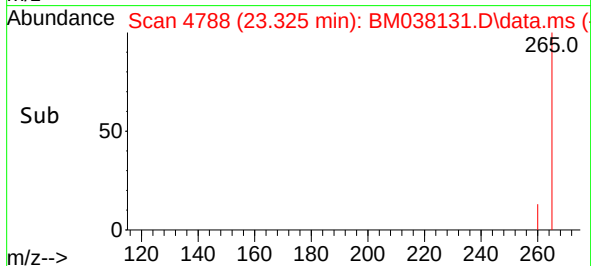
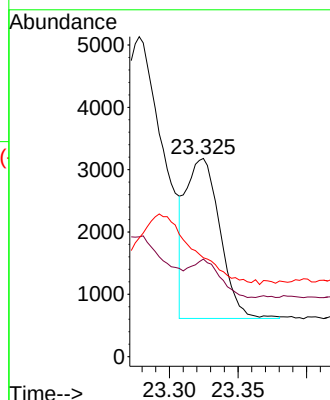
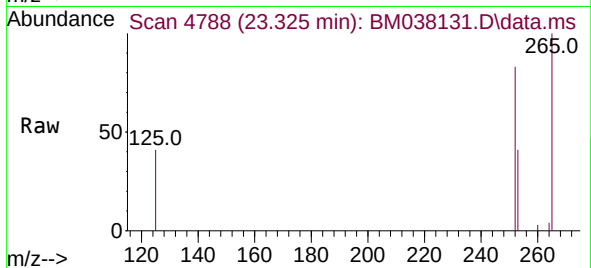
DBXX0

Tgt Ion:252	Resp:	4449
Ion Ratio	Lower	Upper
252	100	
253	49.2	20.8 31.2
125	49.8	17.1 25.7

Manual Integrations

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#26

Benzo(a)pyrene

Concen: 0.115 ng/ul

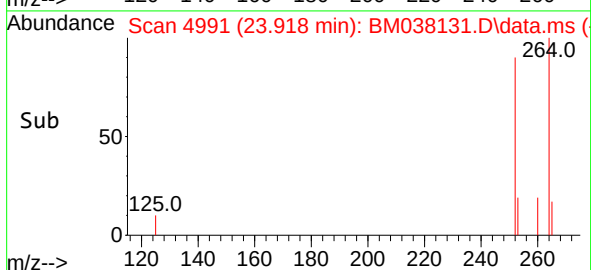
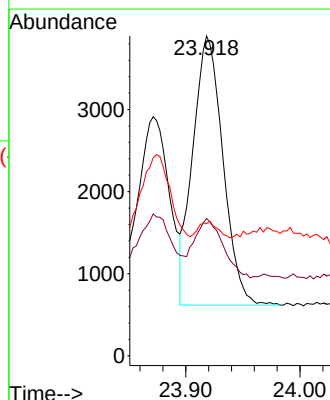
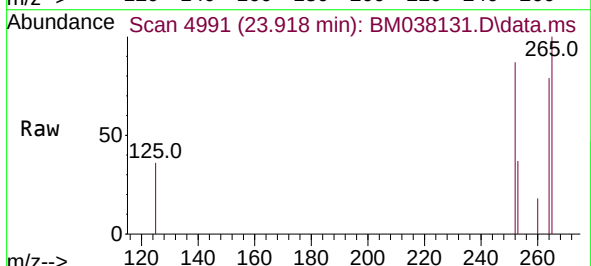
RT: 23.918 min Scan# 4991

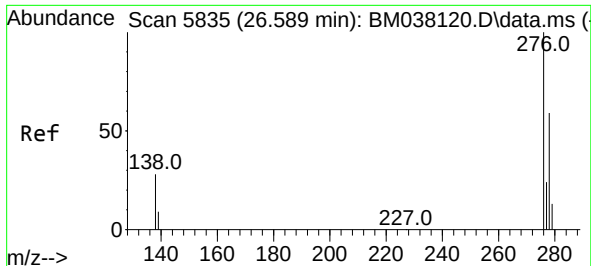
Delta R.T. -0.006 min

Lab File: BM038131.D

Acq: 20 Dec 2022 09:04

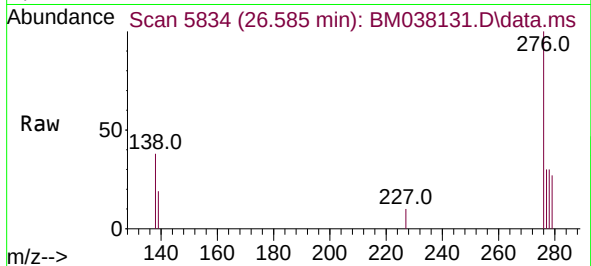
Tgt Ion:252	Resp:	6006
Ion Ratio	Lower	Upper
252	100	
253	42.9	21.9 32.9#
125	41.4	20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 26.585 min Scan# 5835
Delta R.T. -0.013 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04

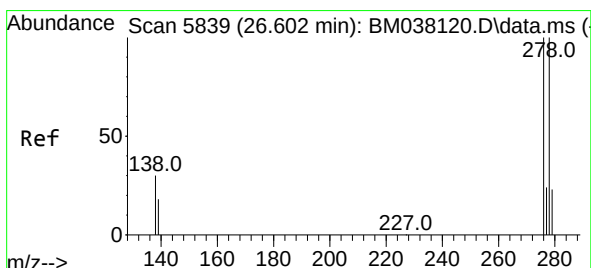
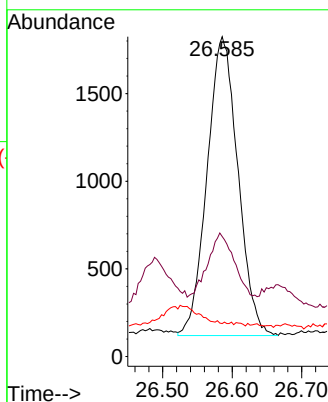
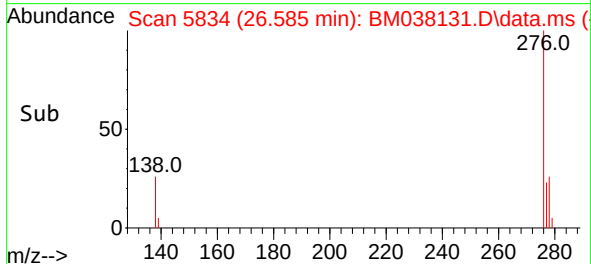
Instrument :
BNA_M
ClientSampleId :
DBXX0



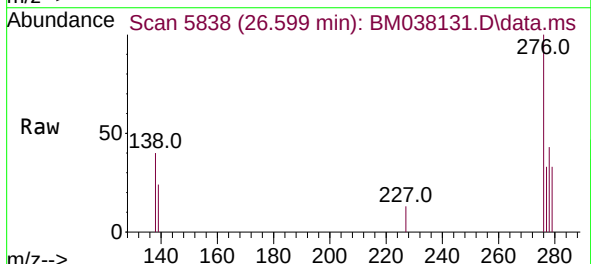
Tgt Ion:276 Resp: 524
Ion Ratio Lower Upper
276 100
138 26.5 26.6 40.0#
227 0.0 0.1 0.1#

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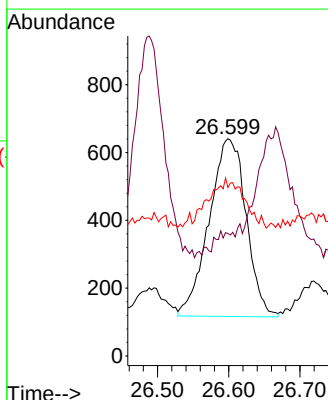
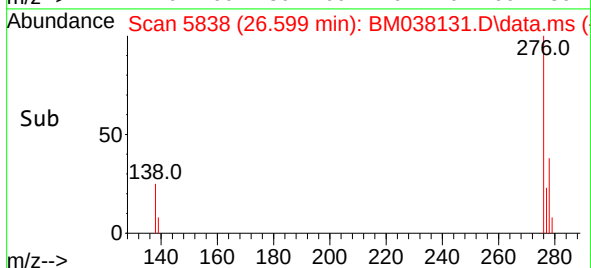
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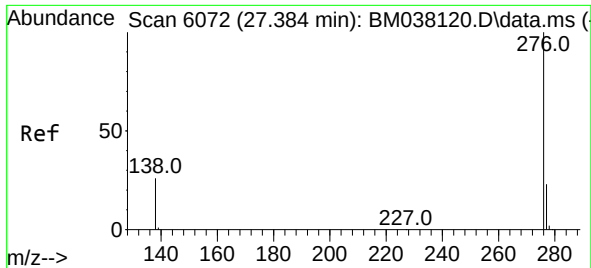


#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04



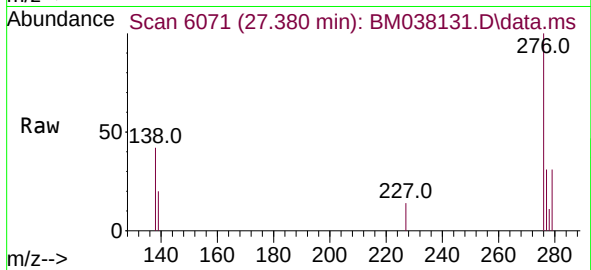
Tgt Ion:278 Resp: 1895
Ion Ratio Lower Upper
278 100
139 56.3 19.0 28.6#
279 77.5 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. -0.013 min
Lab File: BM038131.D
Acq: 20 Dec 2022 09:04

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 276 Resp: 3825
Ion Ratio Lower Upper
276 100
138 41.6 24.1 36.1
277 31.5 19.0 28.6

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