

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038132.D
 Acq On : 20 Dec 2022 10:17
 Operator : CG/JU
 Sample : N6003-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXX1

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 23:54:14 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	8.051	152	5608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.862	136	17746	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10484	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	22082	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	16515	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	14291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	33104	4.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	9479	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	20939	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.063	266	461	0.050	ng/ul	93
15) Phenanthrene	17.451	178	10547	0.142	ng/ul	97
16) Anthracene	17.544	178	3319	0.048	ng/ul#	88
19) Fluoranthene	19.459	202	28861	0.338	ng/ul	98
20) Pyrene	19.822	202	22729m	0.261	ng/ul	
21) Benzo(a)anthracene	21.562	228	13287	0.186	ng/ul	97
22) Chrysene	21.615	228	15232	0.212	ng/ul	95
24) Benzo(b)fluoranthene	23.278	252	19772	0.292	ng/ul	82
25) Benzo(k)fluoranthene	23.322	252	7770m	0.119	ng/ul	
26) Benzo(a)pyrene	23.921	252	11724	0.205	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.586	276	9269	0.129	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.589	278	2307	0.041	ng/ul#	28
29) Benzo(g,h,i)perylene	27.384	276	8100	0.133	ng/ul#	87

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

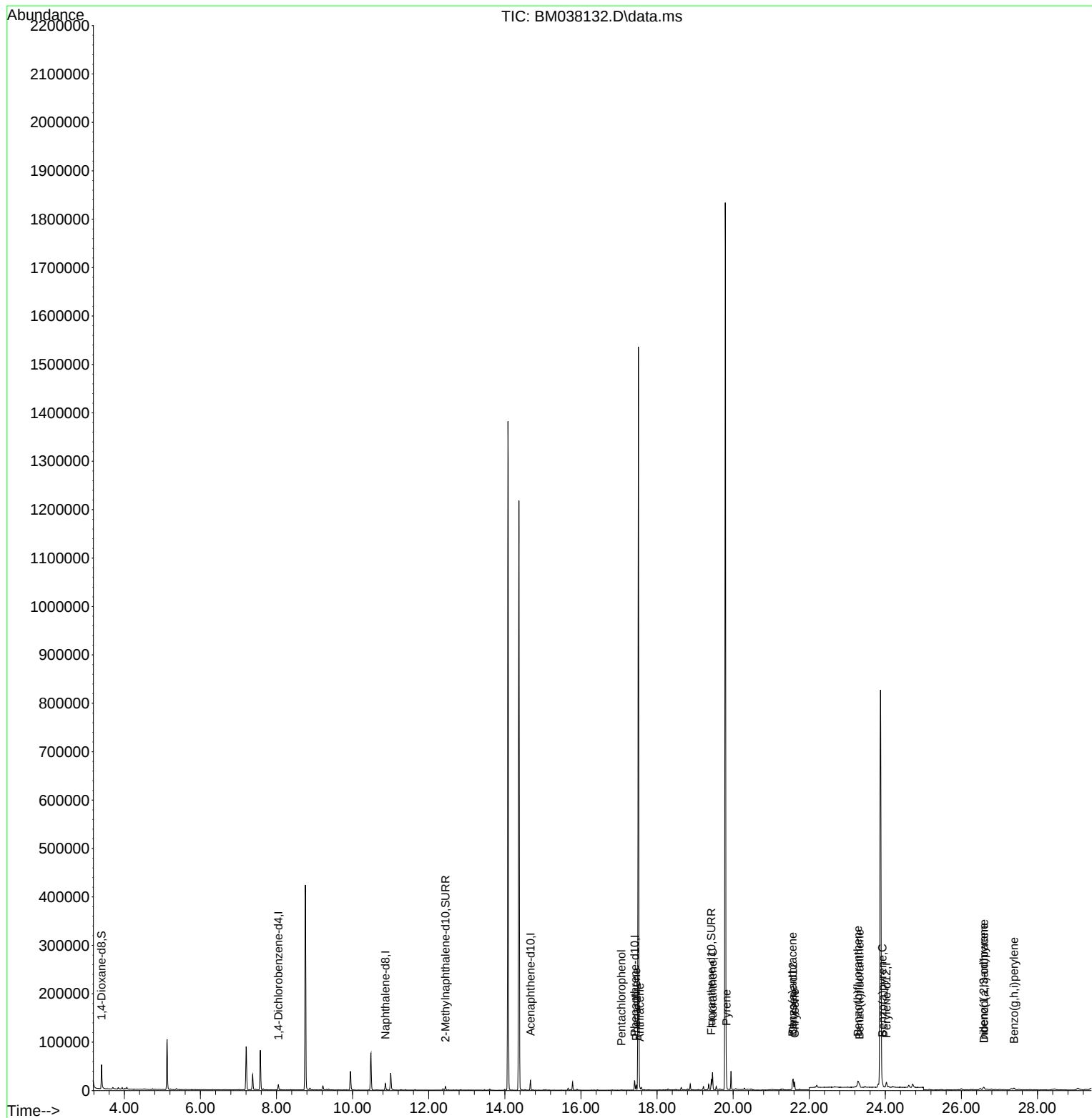
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
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ALS Vial : 37 Sample Multiplier: 1

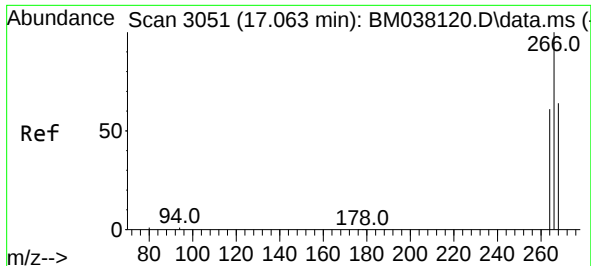
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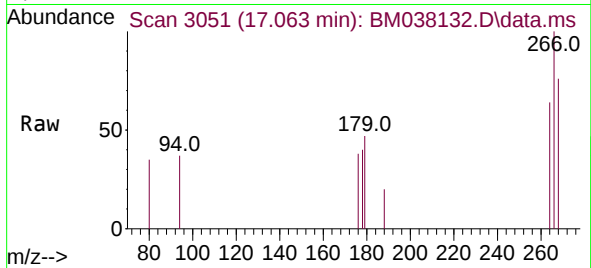
Quant Time: Dec 20 23:54:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
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#14
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17

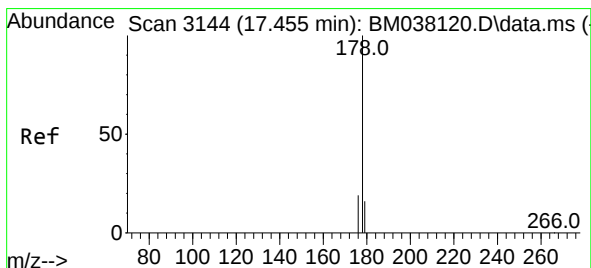
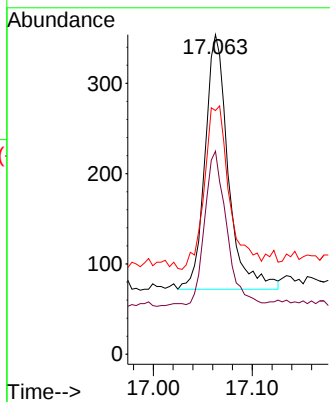
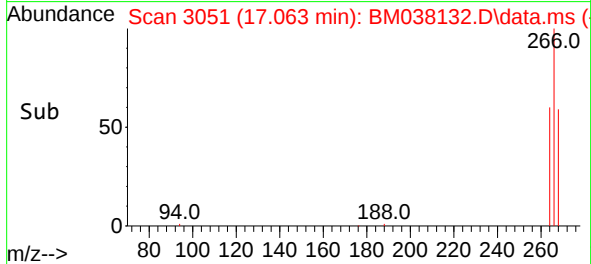
Instrument :
BNA_M
ClientSampleId :
DBXX1



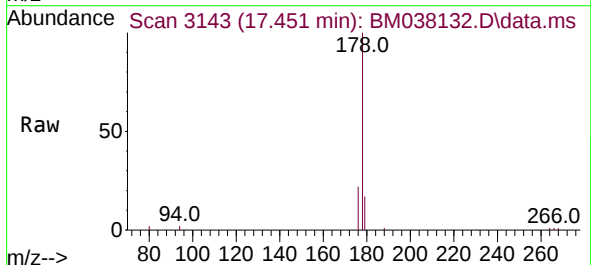
Tgt Ion:266 Resp: 461
Ion Ratio Lower Upper
266 100
264 56.6 49.9 74.9
268 69.4 52.0 78.0

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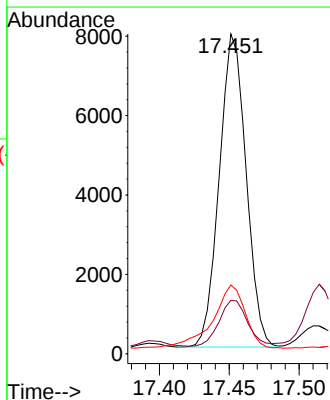
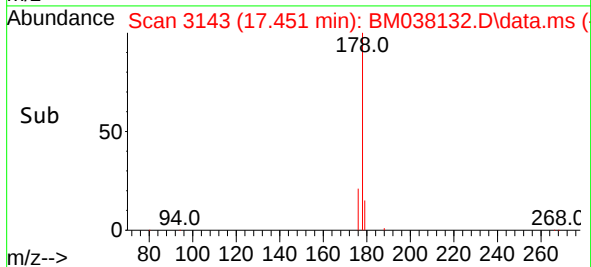
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Supervised By :mohammad ahmed 12/21/2022

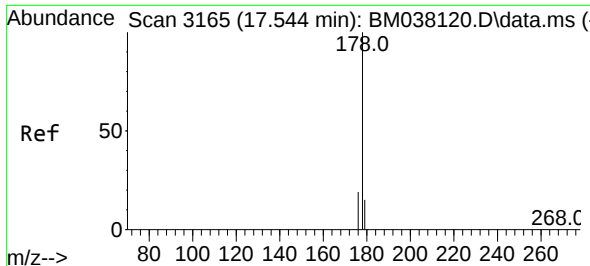


#15
Phenanthrene
Concen: 0.142 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17



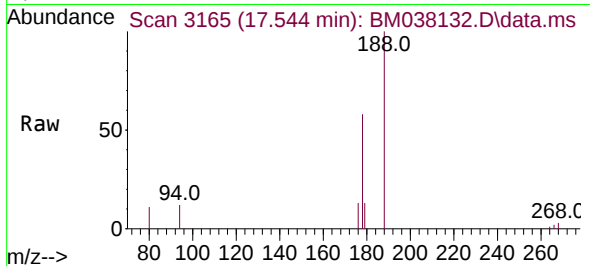
Tgt Ion:178 Resp: 10547
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 21.5 15.8 23.6





#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.544 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM038132.D
 Acq: 20 Dec 2022 10:17

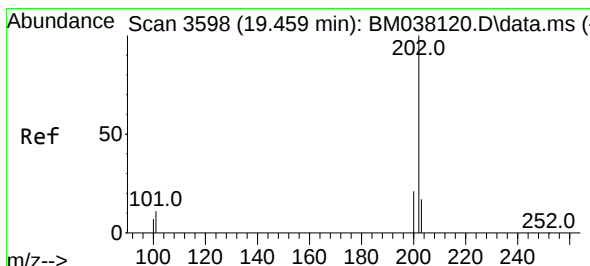
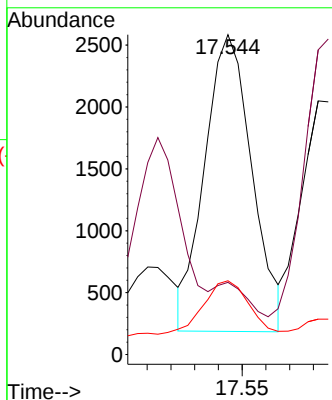
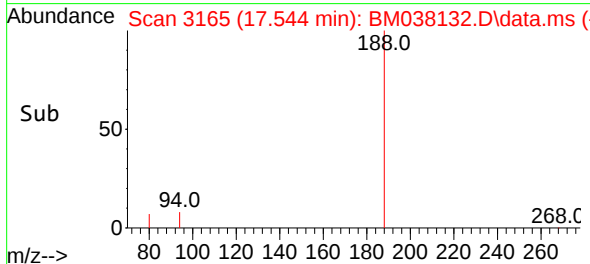
Instrument :
 BNA_M
 ClientSampleId :
 DBXX1



Tgt Ion:178 Resp: 3319
 Ion Ratio Lower Upper
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 179 22.6 13.0 19.4
 176 23.1 15.0 22.4

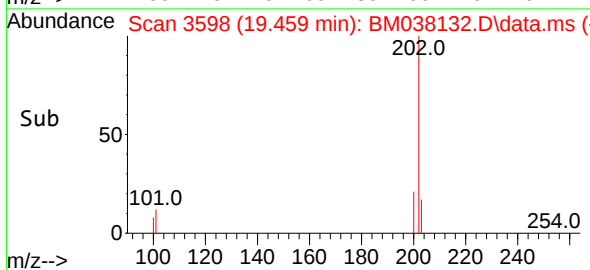
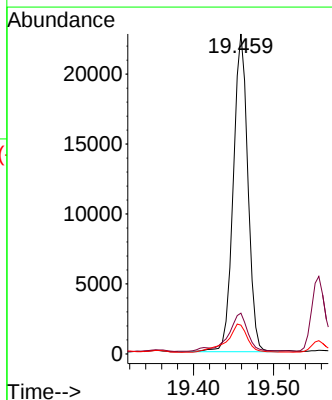
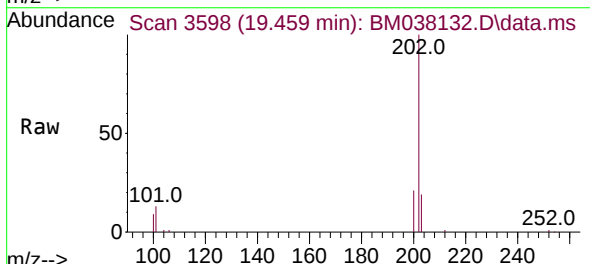
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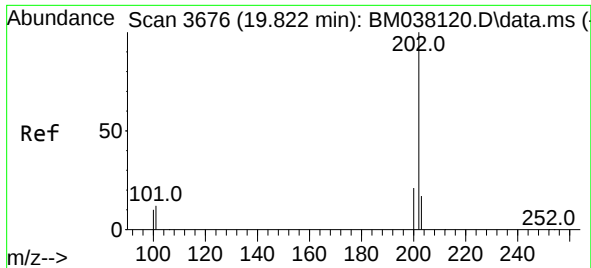
Reviewed By :Jagrut Upadhyay 12/20/2022
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#19
 Fluoranthene
 Concen: 0.338 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038132.D
 Acq: 20 Dec 2022 10:17

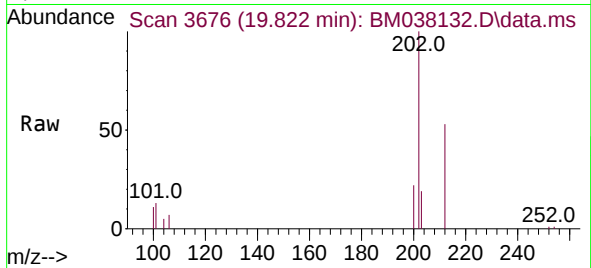
Tgt Ion:202 Resp: 28861
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.6 15.8
 100 9.0 7.9 11.9





#20
Pyrene
Concen: 0.261 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17

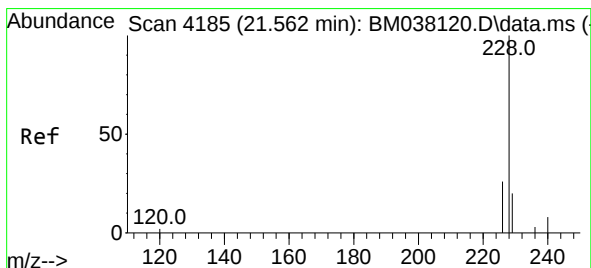
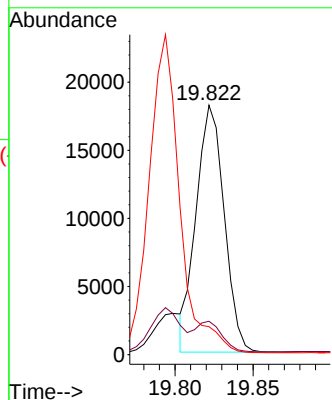
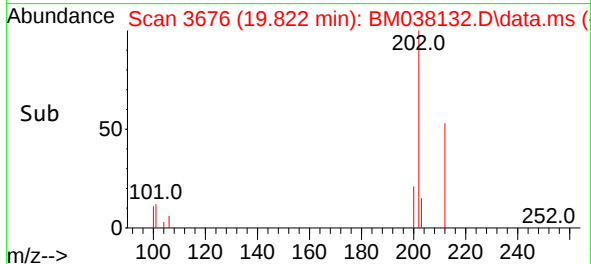
Instrument :
BNA_M
ClientSampleId :
DBXX1



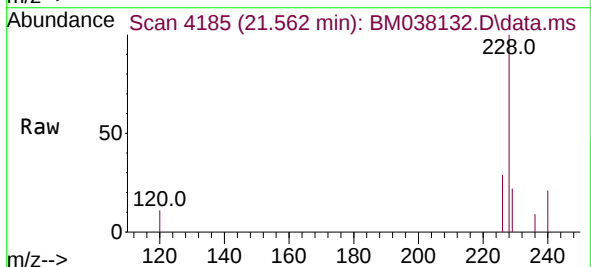
Tgt Ion:202 Resp: 22729
Ion Ratio Lower Upper
202 100
101 13.4 12.1 18.1
100 11.2 9.8 14.6

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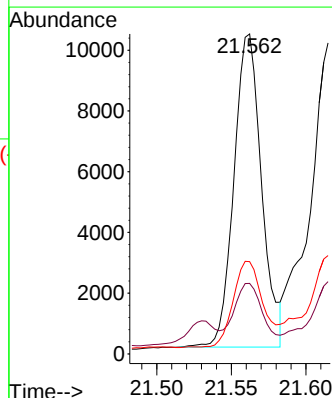
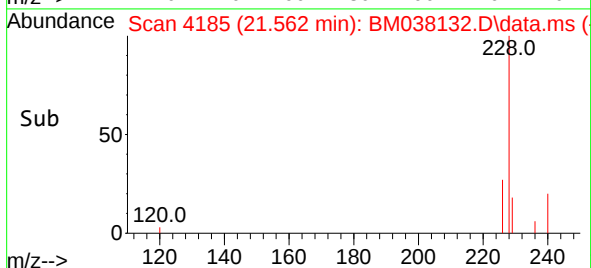
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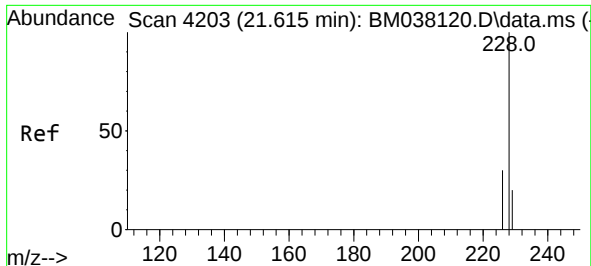


#21
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17



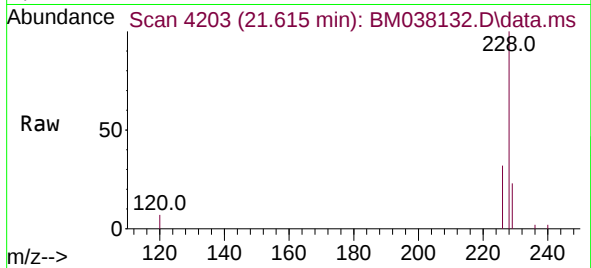
Tgt Ion:228 Resp: 13287
Ion Ratio Lower Upper
228 100
229 22.0 15.9 23.9
226 28.8 22.1 33.1





#22
Chrysene
Concen: 0.212 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17

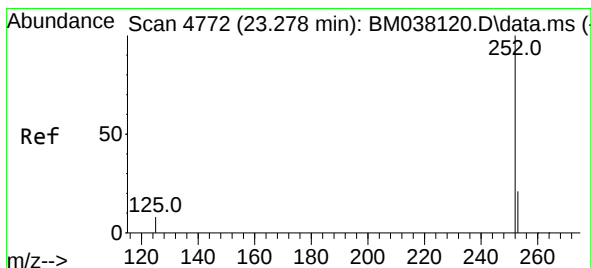
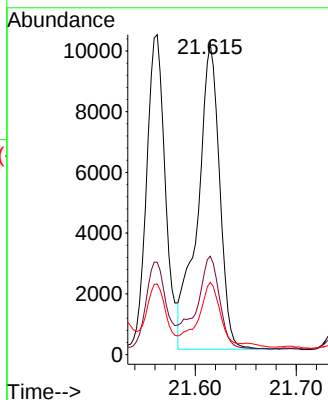
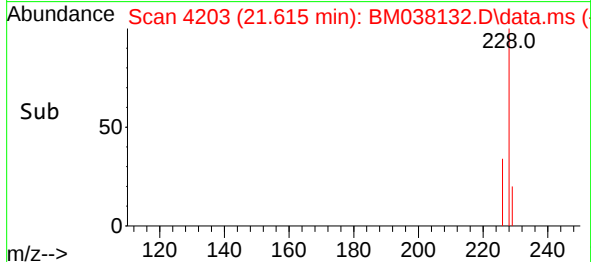
Instrument :
BNA_M
ClientSampleId :
DBXX1



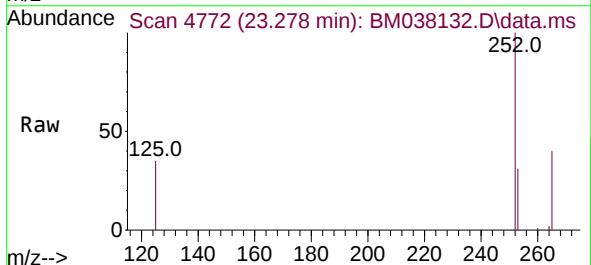
Tgt Ion:228 Resp: 15232
Ion Ratio Lower Upper
228 100
226 31.6 24.1 36.1
229 23.2 15.7 23.5

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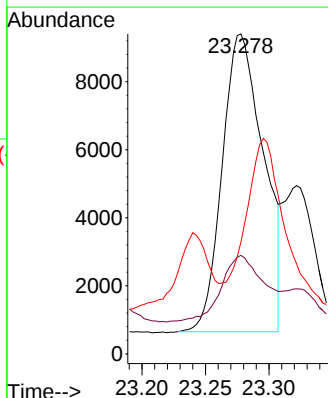
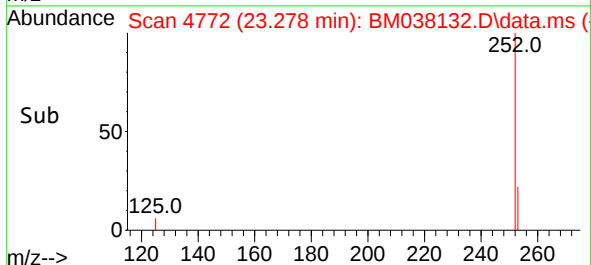
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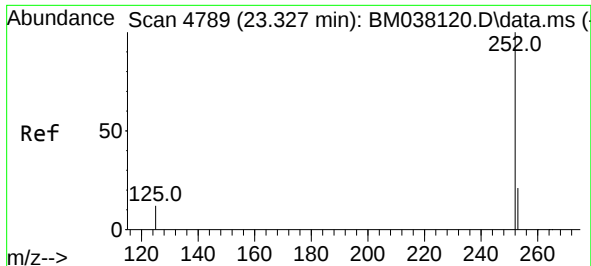


#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17



Tgt Ion:252 Resp: 19772
Ion Ratio Lower Upper
252 100
253 30.8 0.0 51.8
125 34.9 0.0 42.2





#25

Benzo(k)fluoranthene

Concen: 0.119 ng/ul m

RT: 23.322 min Scan# 4789

Delta R.T. -0.009 min

Lab File: BM038132.D

Acq: 20 Dec 2022 10:17

Instrument :

BNM

ClientSampleId :

DBXX1

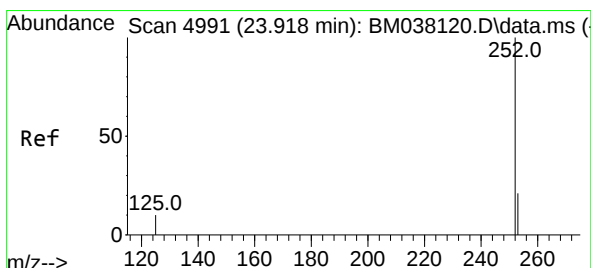
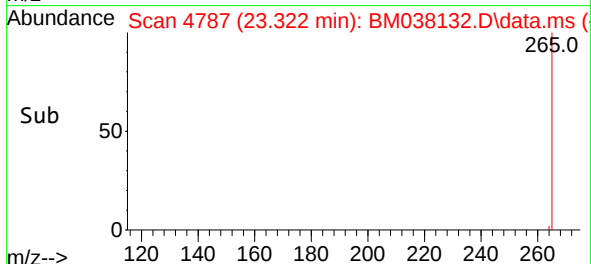
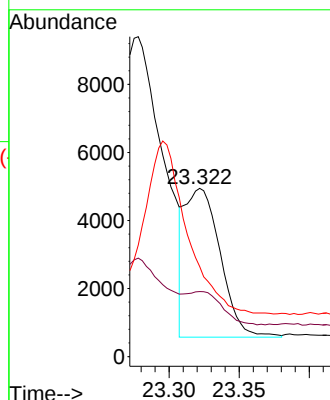
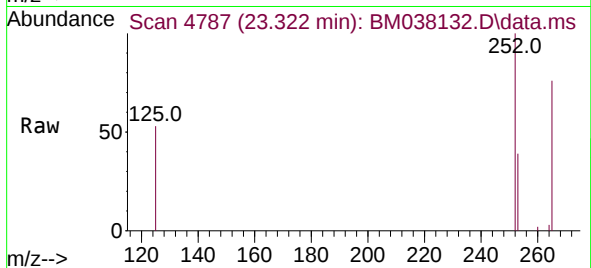
Tgt Ion:252 Resp: 7770

Ion	Ratio	Lower	Upper
252	100		
253	38.7	20.8	31.2
125	53.5	17.1	25.7

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#26

Benzo(a)pyrene

Concen: 0.205 ng/ul

RT: 23.921 min Scan# 4992

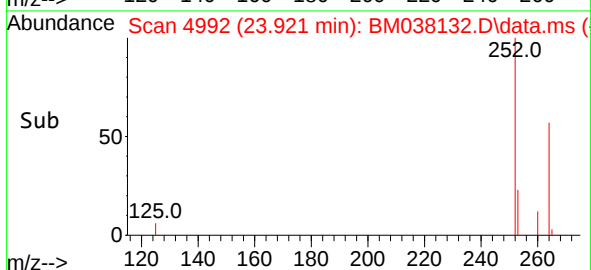
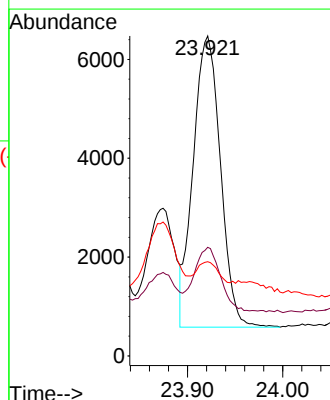
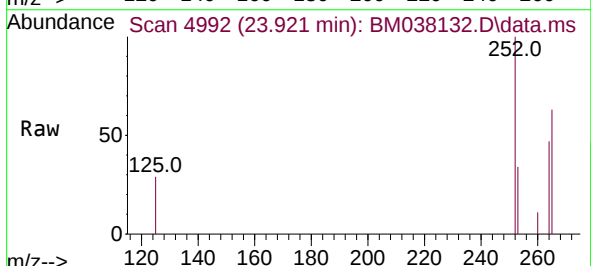
Delta R.T. -0.003 min

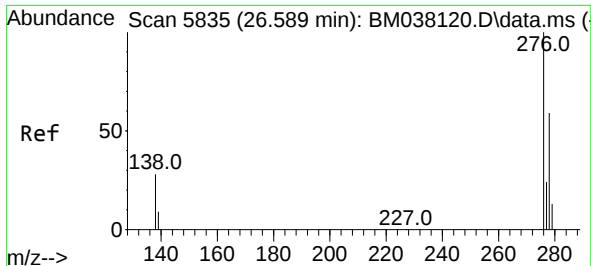
Lab File: BM038132.D

Acq: 20 Dec 2022 10:17

Tgt Ion:252 Resp: 11724

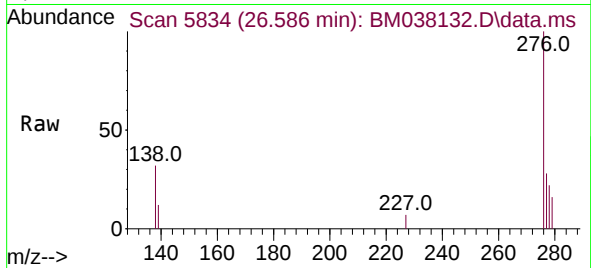
Ion	Ratio	Lower	Upper
252	100		
253	34.0	21.9	32.9
125	29.4	20.7	31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/ul
RT: 26.586 min Scan# 5834
Delta R.T. -0.013 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17

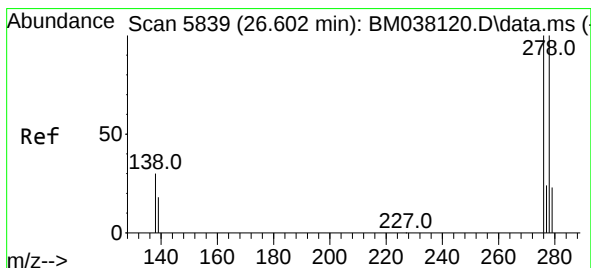
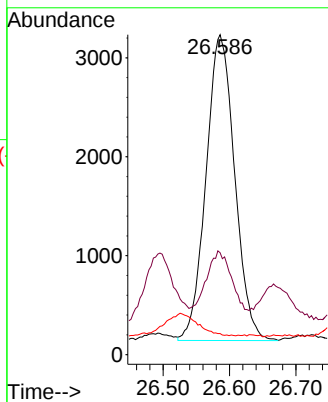
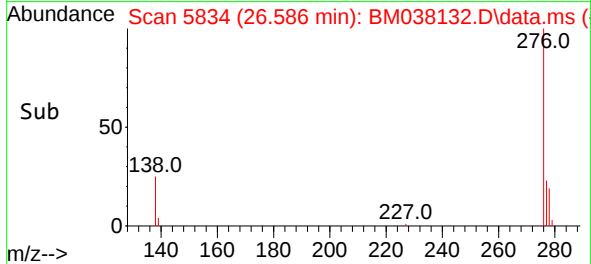
Instrument :
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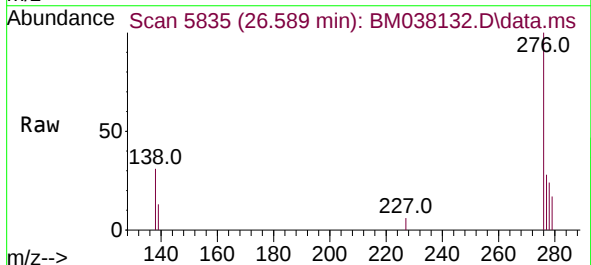
Tgt Ion: 276 Resp: 9269
Ion Ratio Lower Upper
276 100
138 23.3 26.6 40.0#
227 0.0 0.1 0.1#

Manual Integrations
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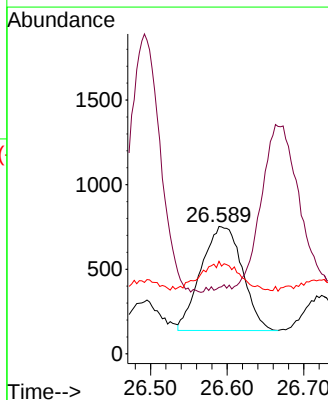
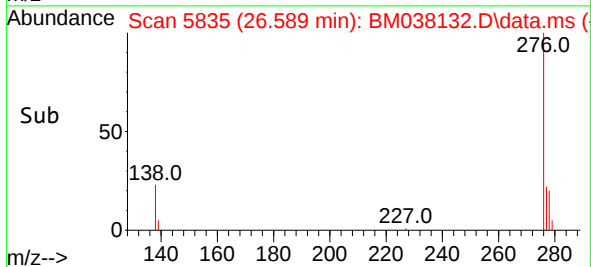
Reviewed By :Jagrut Upadhyay 12/20/2022
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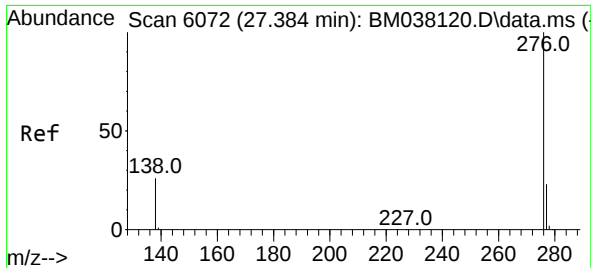


#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.026 min
Lab File: BM038132.D
Acq: 20 Dec 2022 10:17



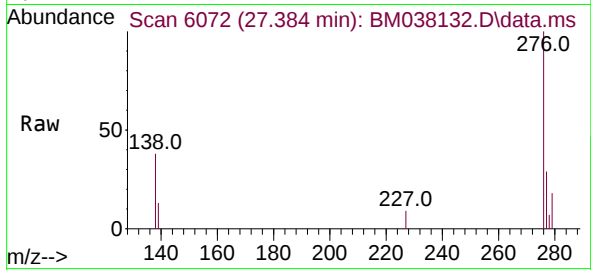
Tgt Ion: 278 Resp: 2307
Ion Ratio Lower Upper
278 100
139 52.2 19.0 28.6#
279 72.6 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.133 ng/ul
 RT: 27.384 min Scan# 6072
 Delta R.T. -0.010 min
 Lab File: BM038132.D
 Acq: 20 Dec 2022 10:17

Instrument :
 BNA_M
 ClientSampleId :
 DBXX1



Tgt Ion:276 Resp: 8100
 Ion Ratio Lower Upper
 276 100
 138 38.5 24.1 36.1
 277 28.6 19.0 28.6

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