

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 04:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	852m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2700	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	1851m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	3646m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.420	240	2000m	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	3201m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4849	3.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1402	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	3768	0.517	ng/ul	-0.02
Target Compounds						
19) Fluoranthene	19.276	202	481	0.042	ng/ul#	67
21) Benzo(a)anthracene	21.411	228	1073	0.165	ng/ul	93
22) Chrysene	21.458	228	1875	0.155	ng/ul	96
24) Benzo(b)fluoranthene	23.028	252	1626m	0.151	ng/ul	
25) Benzo(k)fluoranthene	23.077	252	1731	0.116	ng/ul#	82
26) Benzo(a)pyrene	23.639	252	1707	0.145	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.248	276	1987	0.125	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278	1506	0.122	ng/ul#	80
29) Benzo(g,h,i)perylene	27.013	276	1754	0.113	ng/ul#	87

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

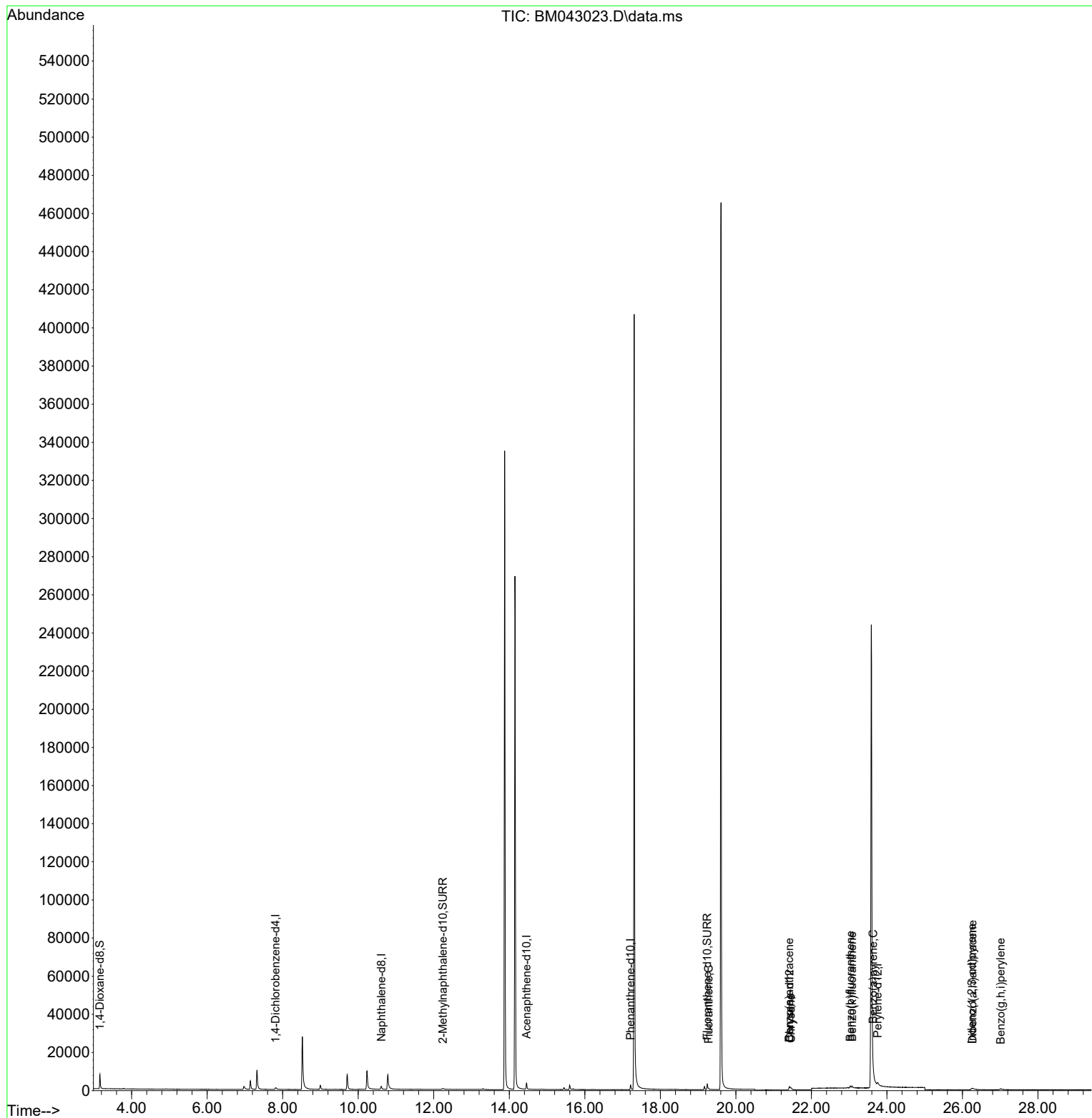
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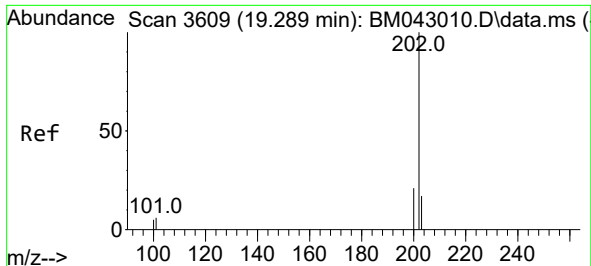
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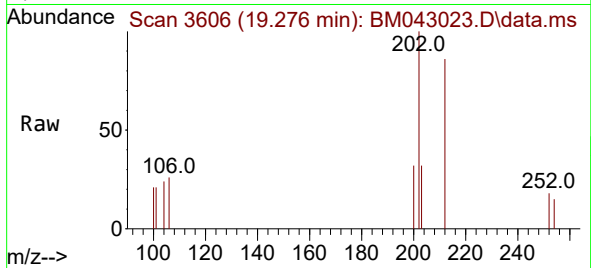
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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#19
Fluoranthene
Concen: 0.042 ng/u1
RT: 19.276 min Scan# 30
Delta R.T. -0.017 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51

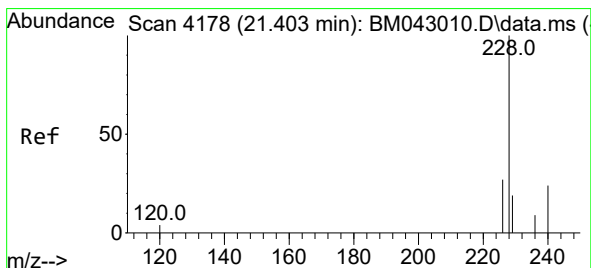
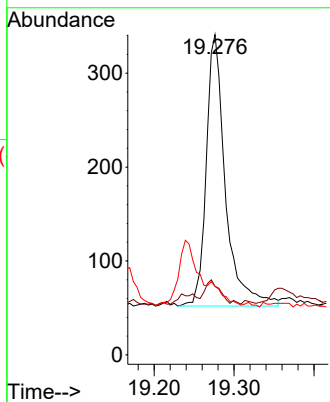
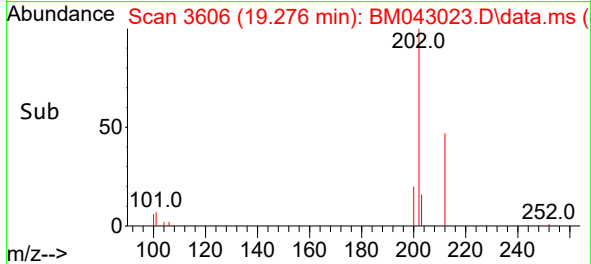
Instrument :
BNA_M
ClientSampleId :
DCKP8



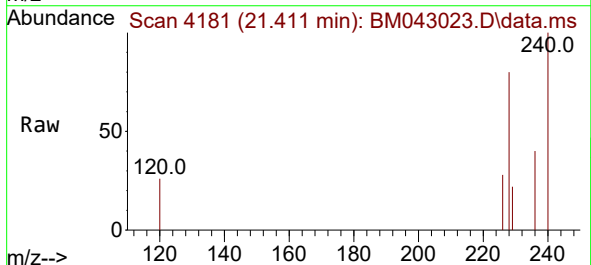
Tgt Ion:	202	Resp:	48
Ion Ratio	Lower	Upper	
202	100		
101	21.4	7.8	11.8
100	21.4	7.1	10.7

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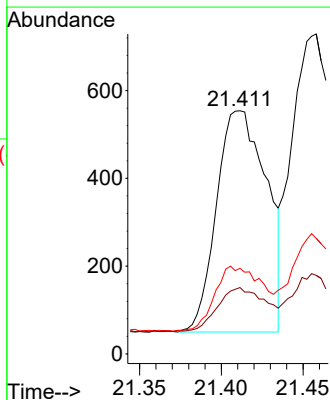
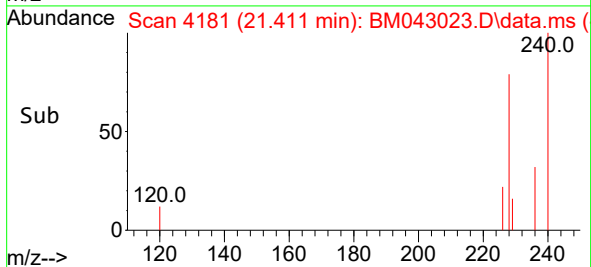
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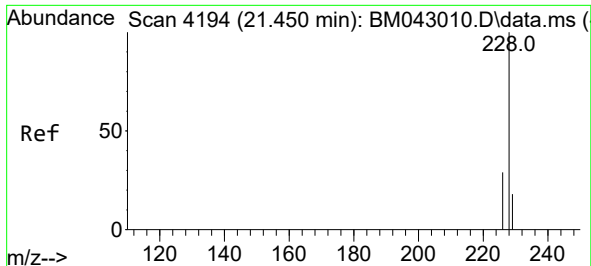


#21
Benzo(a)anthracene
Concen: 0.165 ng/u1
RT: 21.411 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51



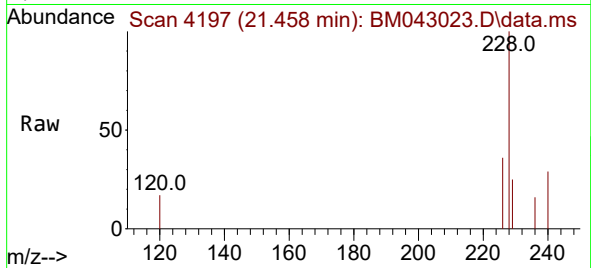
Tgt Ion:	228	Resp:	1073
Ion Ratio	Lower	Upper	
228	100		
229	27.3	19.4	29.0
226	35.2	24.9	37.3





#22
Chrysene
Concen: 0.155 ng/ul
RT: 21.458 min Scan# 4197
Delta R.T. -0.000 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51

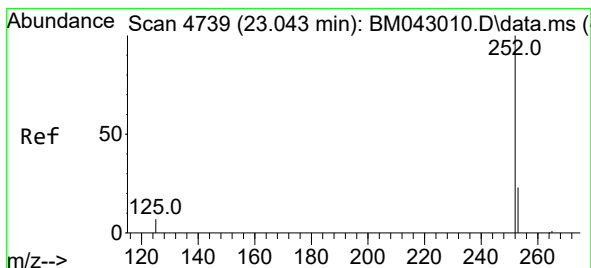
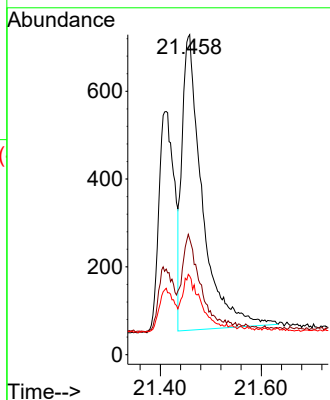
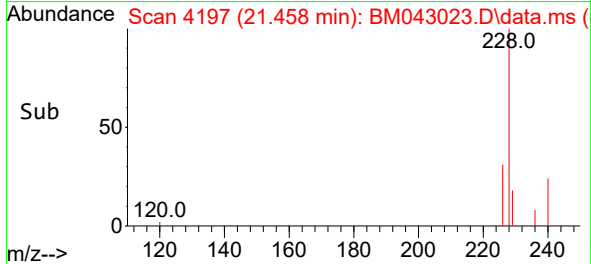
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DCKP8



Tgt Ion:228 Resp: 1875
Ion Ratio Lower Upper
228 100
226 36.1 27.2 40.8
229 24.6 18.0 27.0

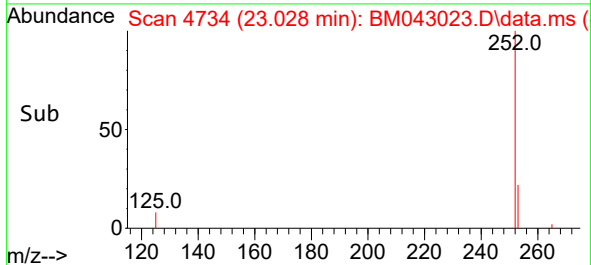
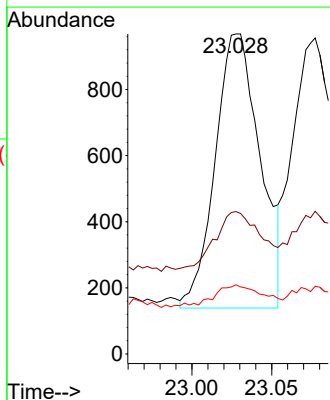
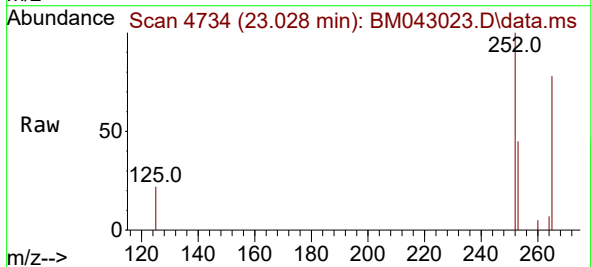
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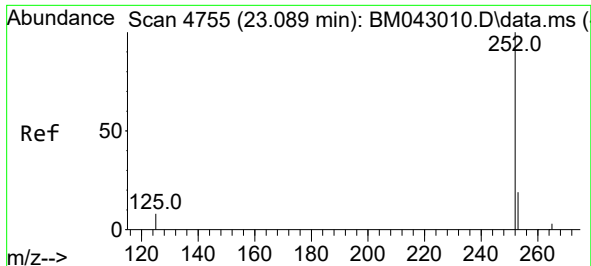
Reviewed By :Yogesh Patel 11/28/2023
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#24
Benzo(b)fluoranthene
Concen: 0.151 ng/ul m
RT: 23.028 min Scan# 4734
Delta R.T. -0.024 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51

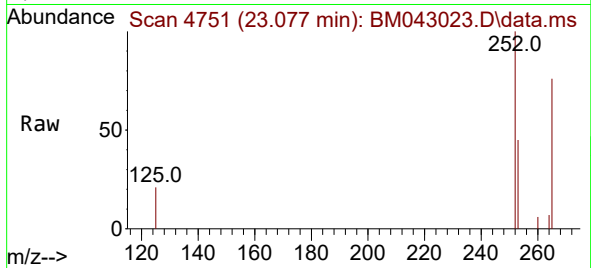
Tgt Ion:252 Resp: 1626
Ion Ratio Lower Upper
252 100
253 44.5 0.0 71.8
125 21.6 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul
RT: 23.077 min Scan# 4751
Delta R.T. -0.021 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51

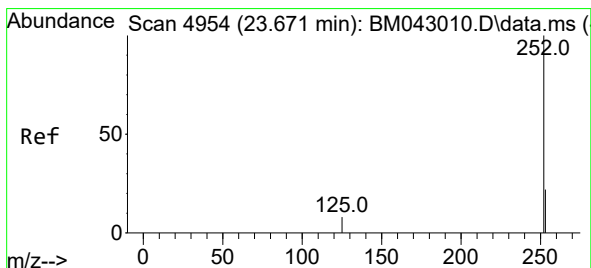
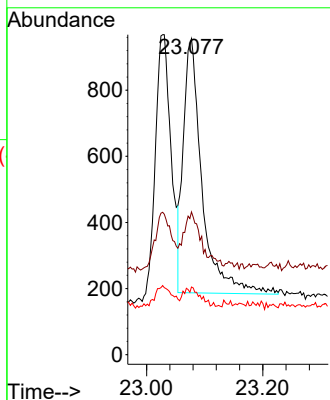
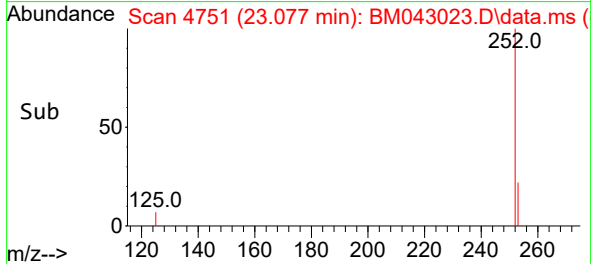
Instrument :
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Tgt Ion:252 Resp: 173
Ion Ratio Lower Upper
252 100
253 45.2 28.2 42.2
125 21.4 11.0 16.6

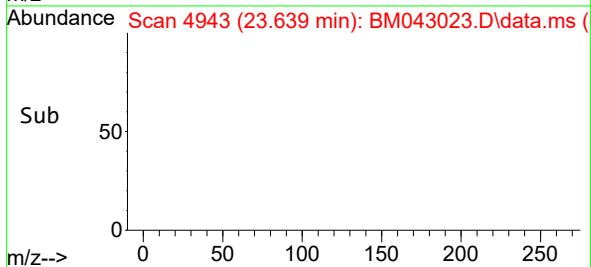
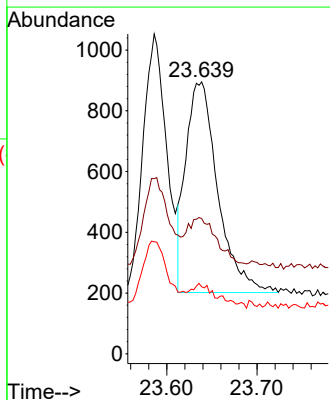
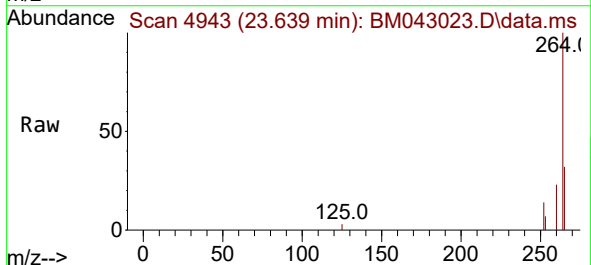
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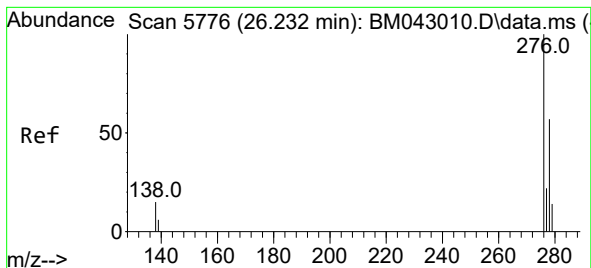
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#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.639 min Scan# 4943
Delta R.T. -0.047 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51

Tgt Ion:252 Resp: 1707
Ion Ratio Lower Upper
252 100
253 49.7 36.6 55.0
125 24.7 16.2 24.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

RT: 26.248 min Scan# 51

Delta R.T. 0.010 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:51

Instrument :

BNA_M

ClientSampleId :

DCKP8

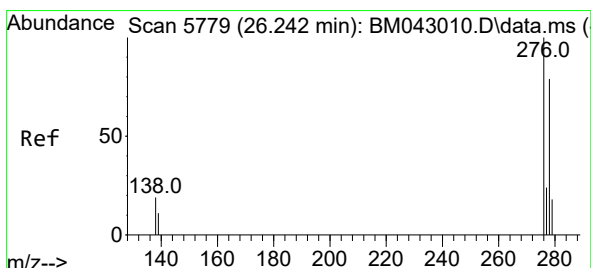
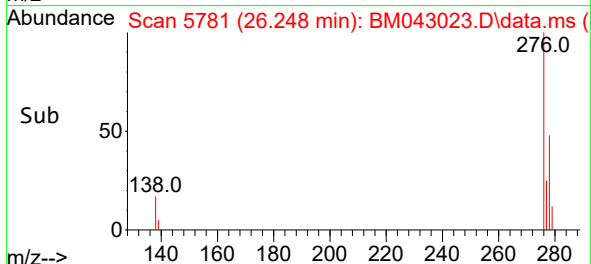
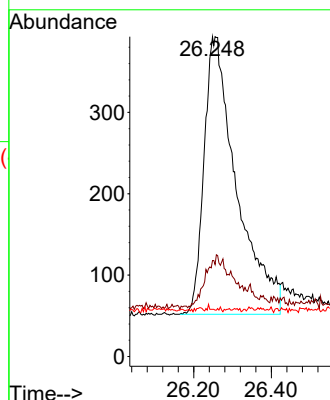
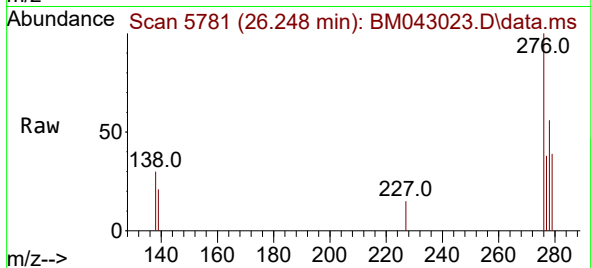
Tgt Ion:	276	Resp:	198
Ion Ratio	Lower	Upper	
276	100		
138	0.0	0.0	0.0
227	0.2	0.2	0.2

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#28

Dibenzo(a,h)anthracene

Concen: 0.122 ng/ul

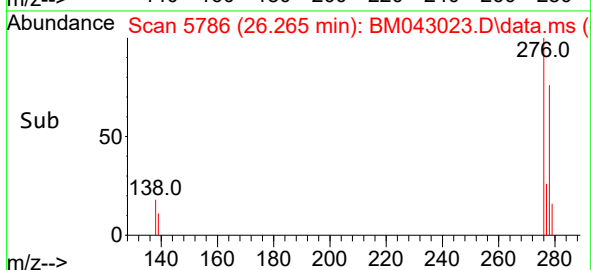
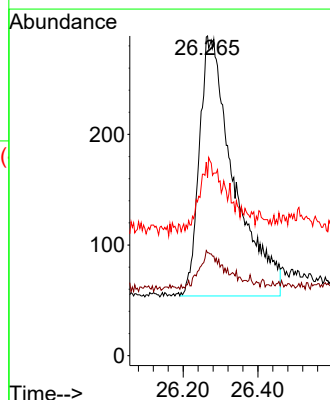
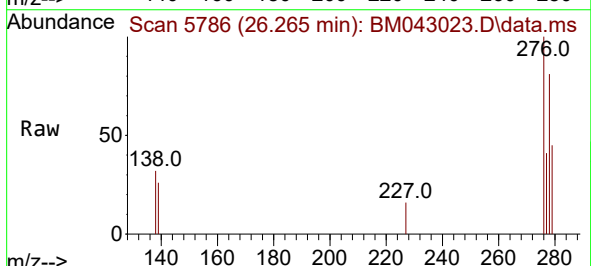
RT: 26.265 min Scan# 5786

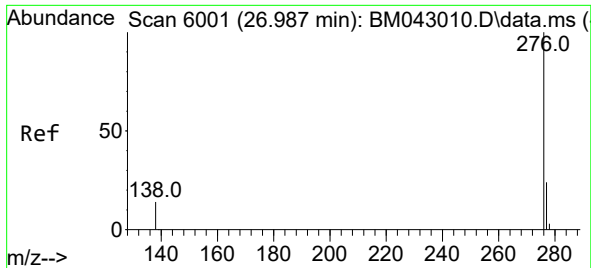
Delta R.T. -0.010 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:51

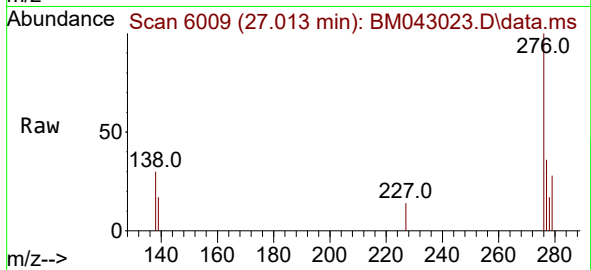
Tgt Ion:	278	Resp:	1506
Ion Ratio	Lower	Upper	
278	100		
139	32.2	18.1	27.1#
279	55.7	34.4	51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.013 min Scan# 6009
Delta R.T. 0.003 min
Lab File: BM043023.D
Acq: 25 Nov 2023 19:51

Instrument :
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Tgt Ion:276 Resp: 1754
Ion Ratio Lower Upper
276 100
138 30.3 17.8 26.8
277 35.6 23.8 35.8

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