

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040045.D
 Acq On : 26 May 2023 20:14
 Operator : CG/JU
 Sample : 02851-09
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FK2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 27 00:12:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	35661	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	17877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	31535	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	14268	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	13378	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.379	96	38048	3.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.410	152	9172	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	13238	0.308	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.432	178	2522	0.028	ng/ul#	90
19) Fluoranthene	19.443	202	5244	0.082	ng/ul#	93
20) Pyrene	19.806	202	4891	0.075	ng/ul	95
21) Benzo(a)anthracene	21.548	228	1358	0.028	ng/ul#	85
22) Chrysene	21.604	228	3338	0.065	ng/ul#	94
24) Benzo(b)fluoranthene	23.267	252	4109	0.077	ng/ul#	1
25) Benzo(k)fluoranthene	23.311	252	1333m	0.025	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.553	276	1593	0.025	ng/ul#	95
29) Benzo(g,h,i)perylene	27.335	276	1525	0.029	ng/ul#	52

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

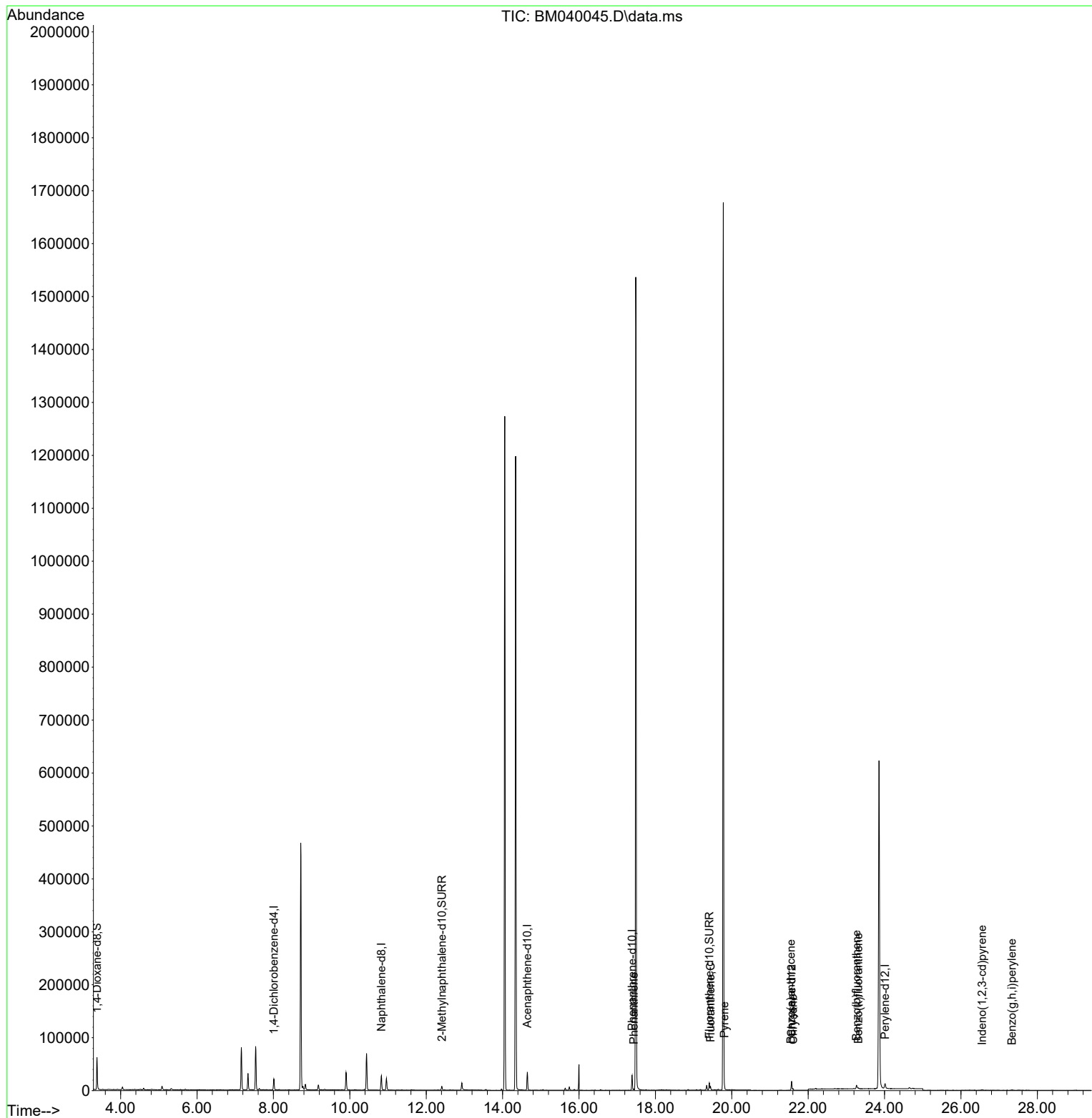
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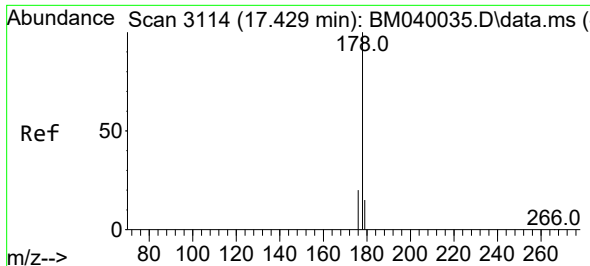
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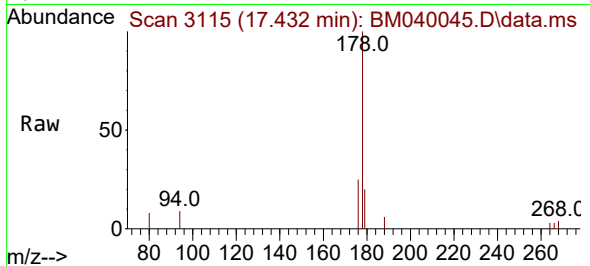
Quant Time: May 27 00:12:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
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#15
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.432 min Scan# 3115
Delta R.T. -0.002 min
Lab File: BM040045.D
Acq: 26 May 2023 20:14

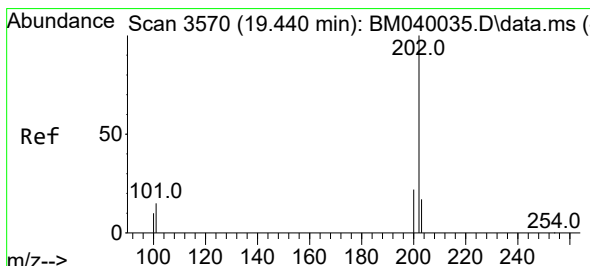
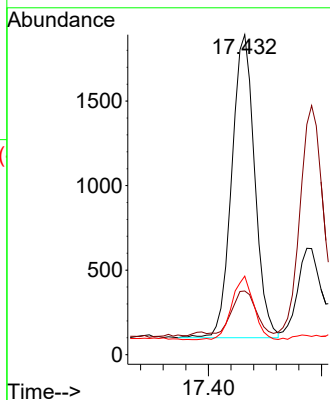
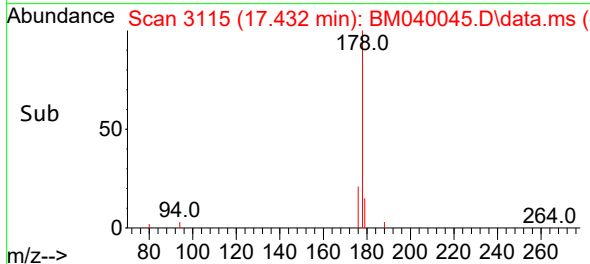
Instrument :
BNA_M
ClientSampleId :
H0FK2



Tgt Ion:178 Resp: 252
Ion Ratio Lower Upper
178 100
179 19.9 12.4 18.6
176 24.6 16.3 24.5

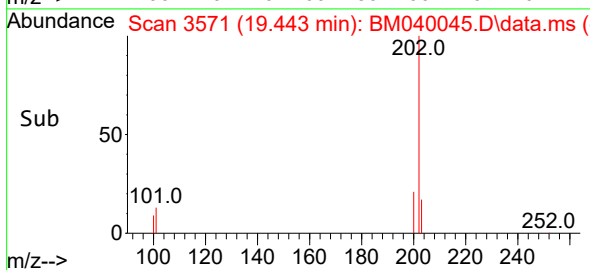
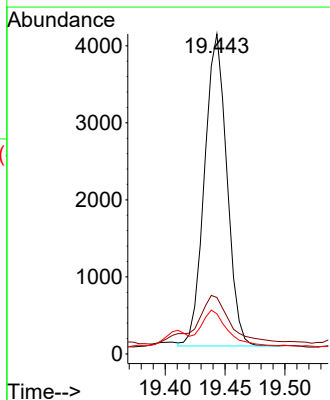
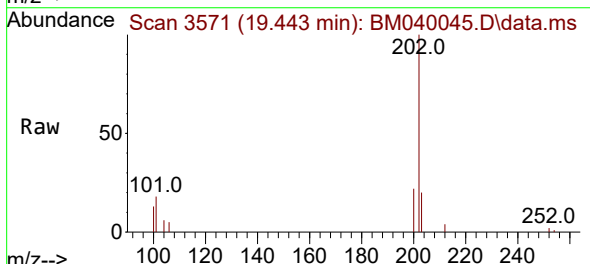
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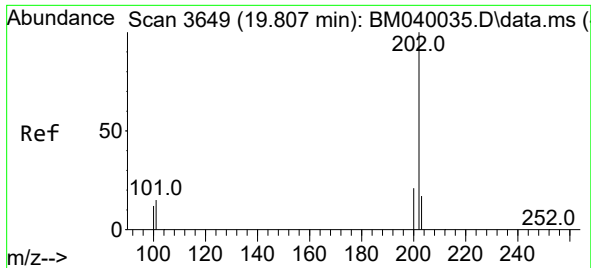
Reviewed By :Christian Giraldo 05/30/2023
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#19
Fluoranthene
Concen: 0.082 ng/ul
RT: 19.443 min Scan# 3571
Delta R.T. -0.002 min
Lab File: BM040045.D
Acq: 26 May 2023 20:14

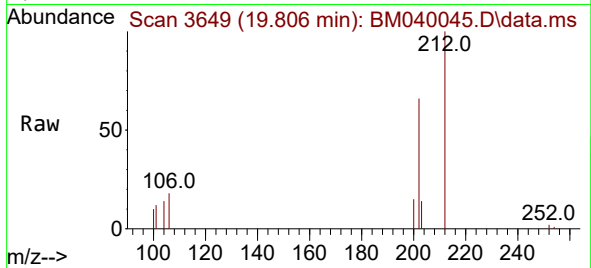
Tgt Ion:202 Resp: 5244
Ion Ratio Lower Upper
202 100
101 17.6 11.5 17.3#
100 12.5 8.5 12.7





#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.806 min Scan# 3649
Delta R.T. -0.002 min
Lab File: BM040045.D
Acq: 26 May 2023 20:14

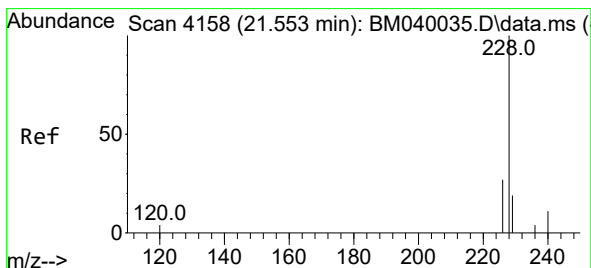
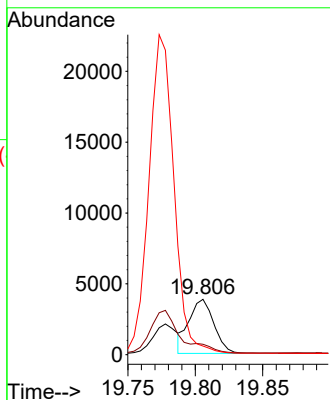
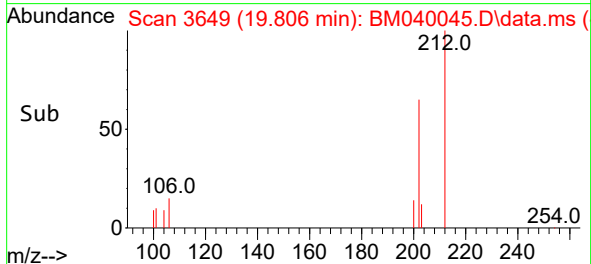
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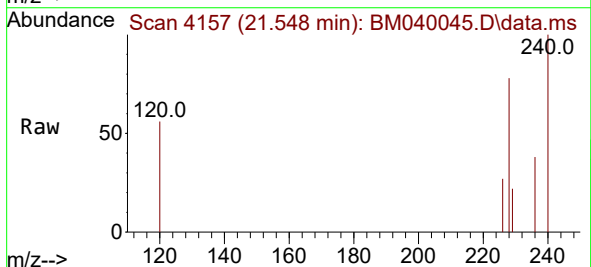
Tgt Ion:202 Resp: 489
Ion Ratio Lower Upper
202 100
101 18.7 13.3 19.9
100 15.5 10.9 16.3

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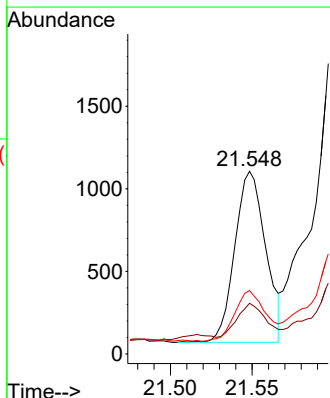
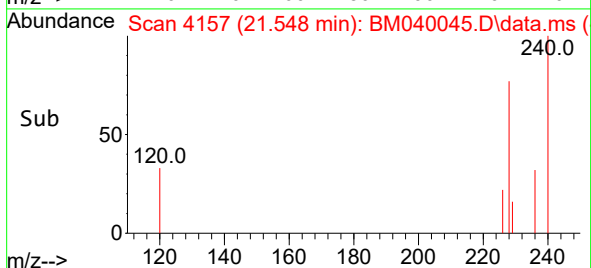
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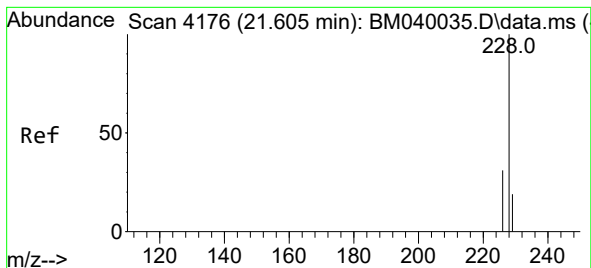


#21
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.548 min Scan# 4157
Delta R.T. -0.007 min
Lab File: BM040045.D
Acq: 26 May 2023 20:14



Tgt Ion:228 Resp: 1358
Ion Ratio Lower Upper
228 100
229 27.7 15.6 23.4#
226 34.7 22.5 33.7#





#22

Chrysene

Concen: 0.065 ng/ul

RT: 21.604 min Scan# 4176

Delta R.T. -0.007 min

Lab File: BM040045.D

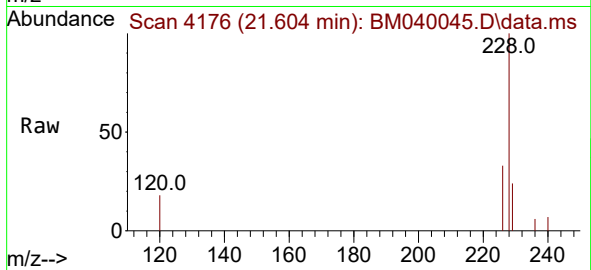
Acq: 26 May 2023 20:14

Instrument :

BNA_M

ClientSampleId :

H0FK2



Tgt Ion:228 Resp: 3338

Ion Ratio Lower Upper

228 100

226 33.1 24.6 36.8

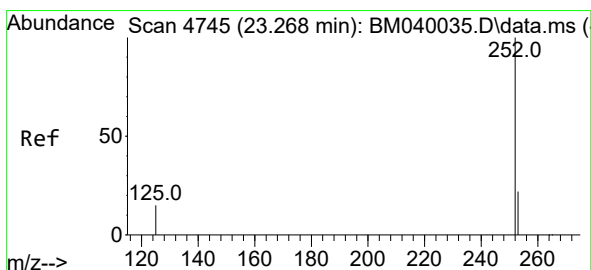
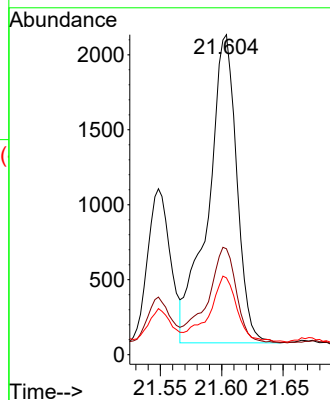
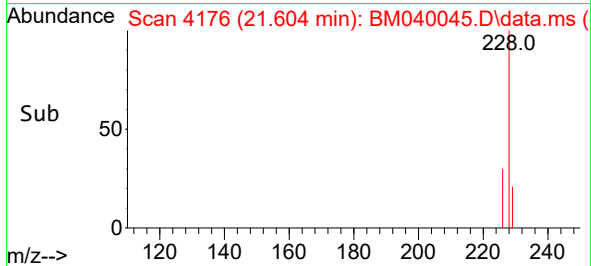
229 24.0 15.6 23.4

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#24

Benzo(b)fluoranthene

Concen: 0.077 ng/ul

RT: 23.267 min Scan# 4745

Delta R.T. -0.007 min

Lab File: BM040045.D

Acq: 26 May 2023 20:14

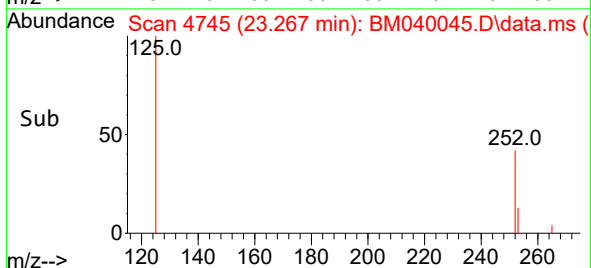
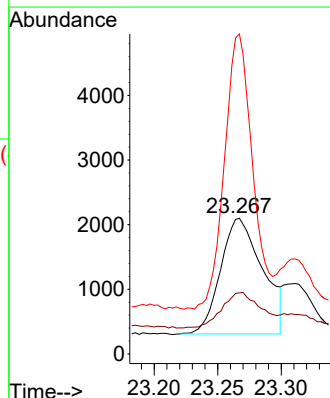
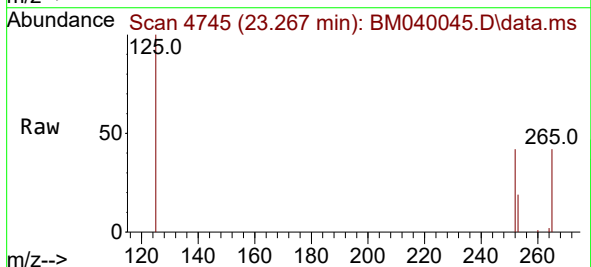
Tgt Ion:252 Resp: 4109

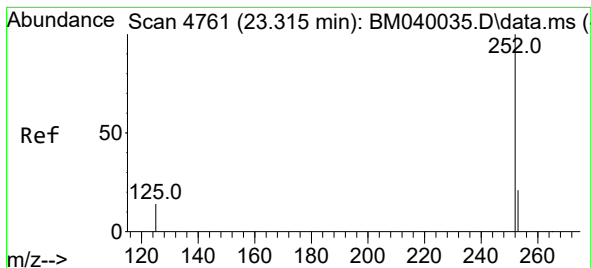
Ion Ratio Lower Upper

252 100

253 45.0 0.0 49.8

125 236.0 0.0 39.2





#25

Benzo(k)fluoranthene

Concen: 0.025 ng/ul m

RT: 23.311 min Scan# 4

Delta R.T. -0.013 min

Lab File: BM040045.D

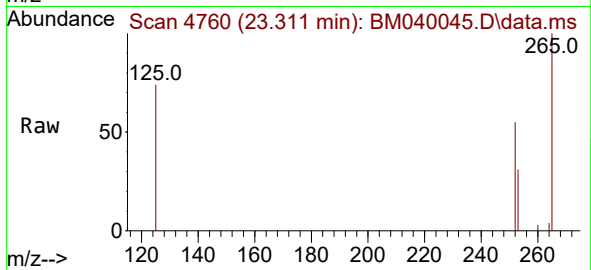
Acq: 26 May 2023 20:14

Instrument :

BNA_M

ClientSampleId :

H0FK2



Tgt Ion:252 Resp: 133

Ion Ratio Lower Upper

252 100

253 56.1 19.7 29.5

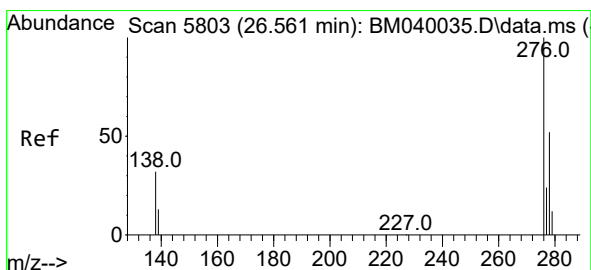
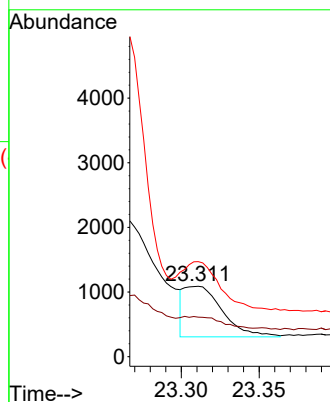
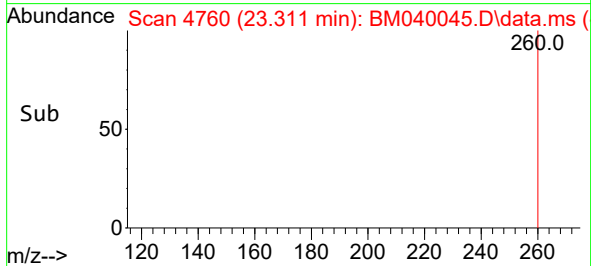
125 135.1 15.0 22.4

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul

RT: 26.553 min Scan# 5801

Delta R.T. -0.018 min

Lab File: BM040045.D

Acq: 26 May 2023 20:14

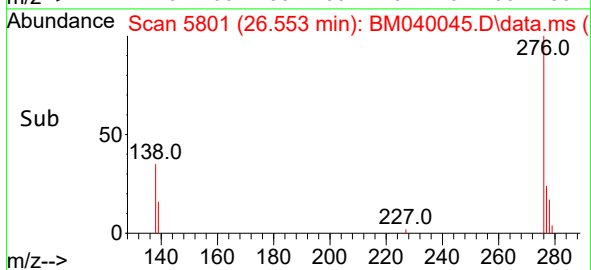
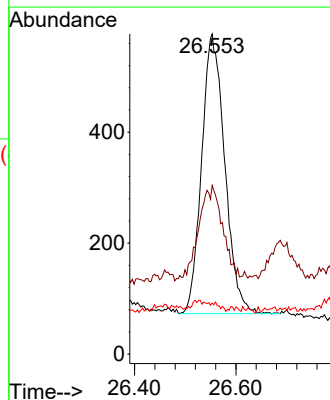
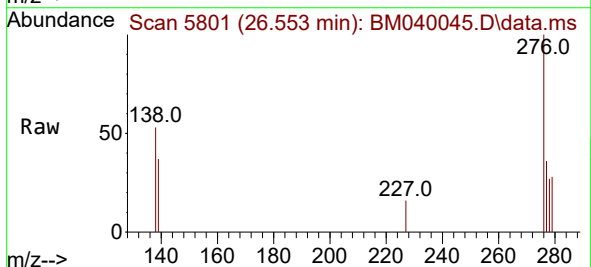
Tgt Ion:276 Resp: 1593

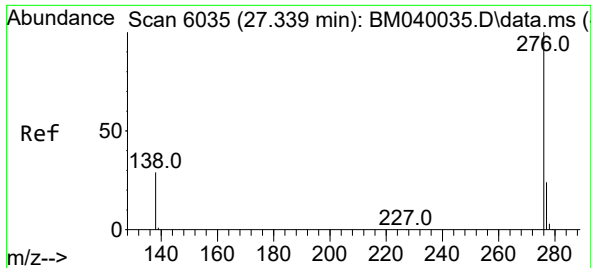
Ion Ratio Lower Upper

276 100

138 36.2 26.9 40.3

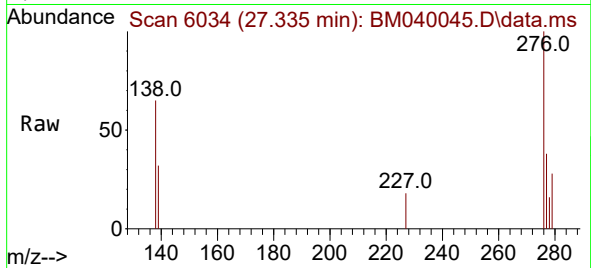
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 27.335 min Scan# 6034
Delta R.T. -0.022 min
Lab File: BM040045.D
Acq: 26 May 2023 20:14

Instrument :
BNA_M
ClientSampleId :
H0FK2



Tgt Ion:276 Resp: 1529
Ion Ratio Lower Upper
276 100
138 64.8 23.9 35.9
277 37.9 19.5 29.3

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