

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040047.D
 Acq On : 26 May 2023 21:27
 Operator : CG/JU
 Sample : 02851-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FK4

Manual Integrations
 APPROVED

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

Quant Time: May 27 00:12:34 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	9513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	34341	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	17003	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	30580	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	14766	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	13159	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	38721	3.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9822	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	15787	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.429	178	2562	0.030	ng/ul#	89
19) Fluoranthene	19.440	202	6112	0.092	ng/ul#	92
20) Pyrene	19.803	202	5352	0.079	ng/ul#	93
21) Benzo(a)anthracene	21.547	228	1361	0.027	ng/ul#	81
22) Chrysene	21.602	228	2811	0.053	ng/ul#	90
24) Benzo(b)fluoranthene	23.266	252	3554	0.068	ng/ul#	1
25) Benzo(k)fluoranthene	23.309	252	1137m	0.022	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.558	276	1410	0.022	ng/ul#	96
29) Benzo(g,h,i)perylene	27.339	276	1303	0.025	ng/ul#	52

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

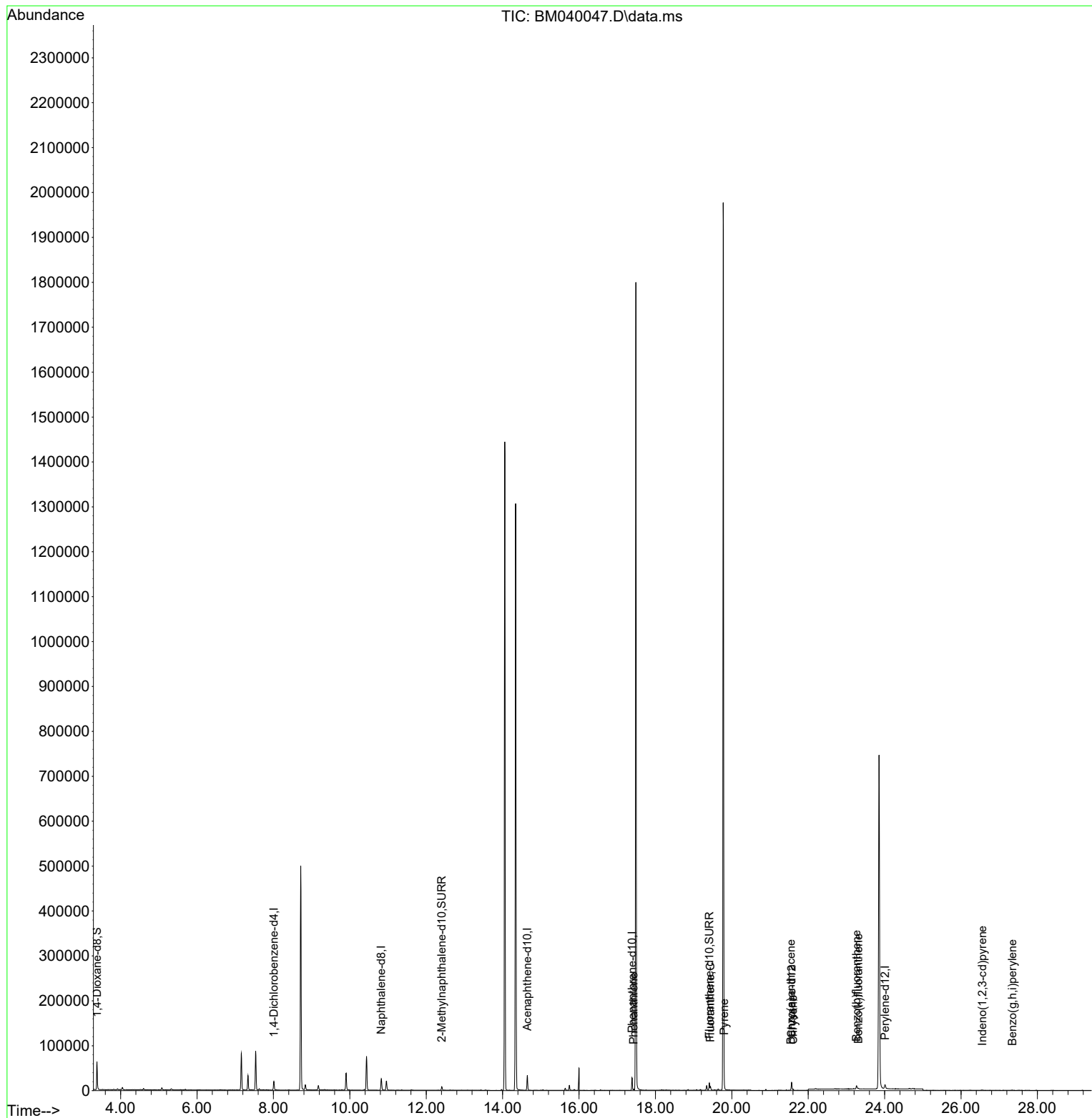
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
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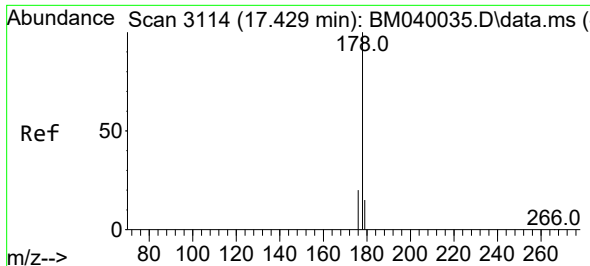
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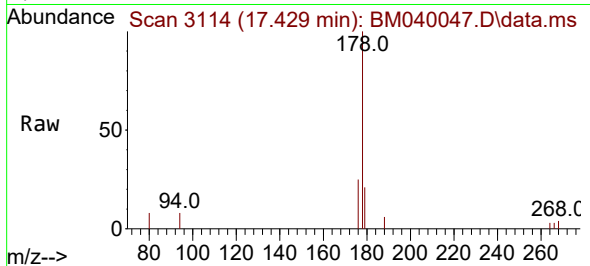
Quant Time: May 27 00:12:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
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#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

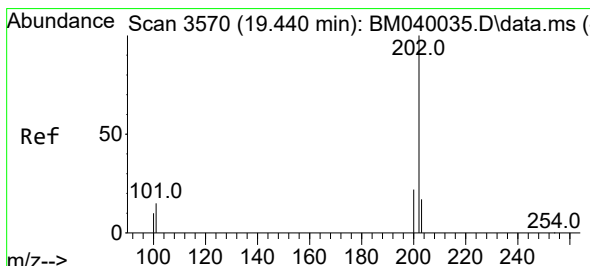
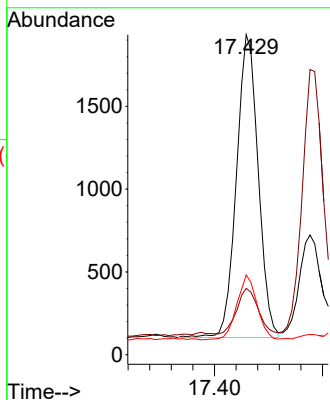
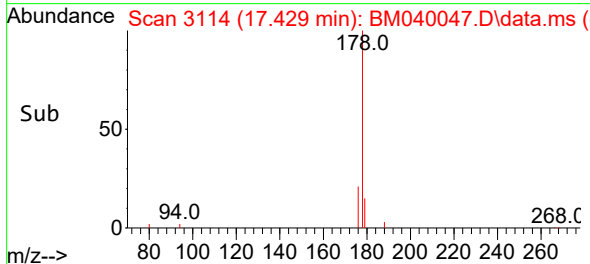
Instrument :
BNA_M
ClientSampleId :
H0FK4



Tgt Ion:178 Resp: 2562
Ion Ratio Lower Upper
178 100
179 20.7 12.4 18.6#
176 24.9 16.3 24.5#

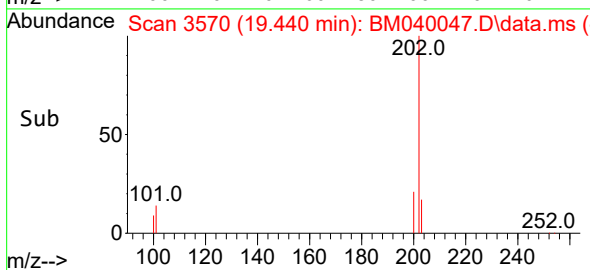
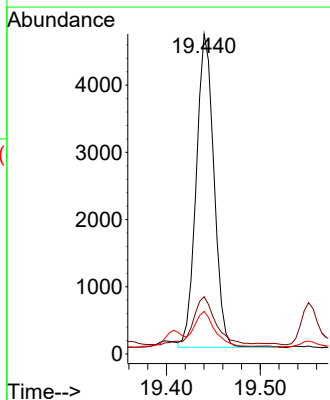
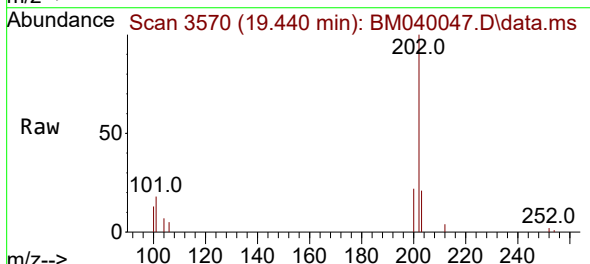
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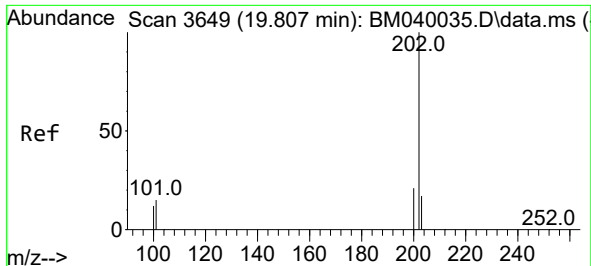
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#19
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.440 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

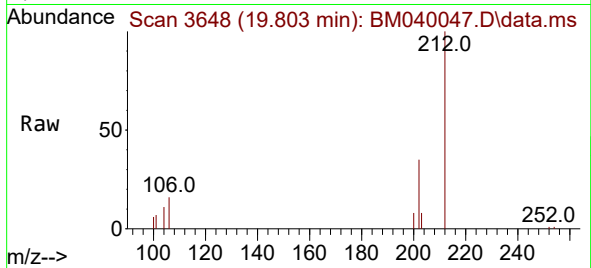
Tgt Ion:202 Resp: 6112
Ion Ratio Lower Upper
202 100
101 17.9 11.5 17.3#
100 13.3 8.5 12.7#





#20
Pyrene
Concen: 0.079 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

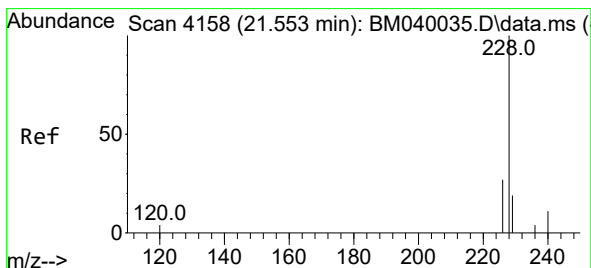
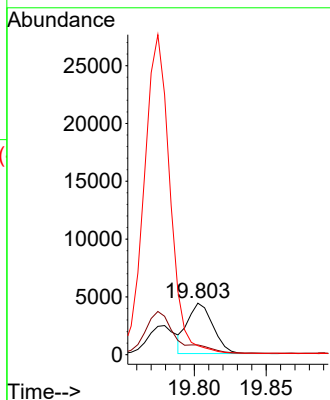
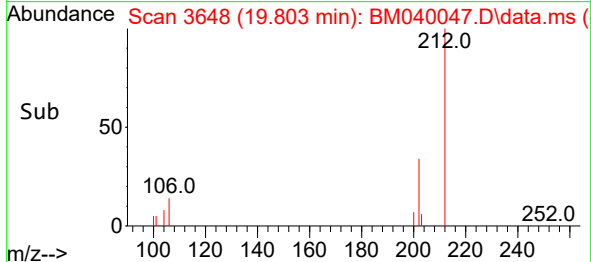
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 5352
Ion Ratio Lower Upper
202 100
101 18.9 13.3 19.9
100 17.3 10.9 16.3

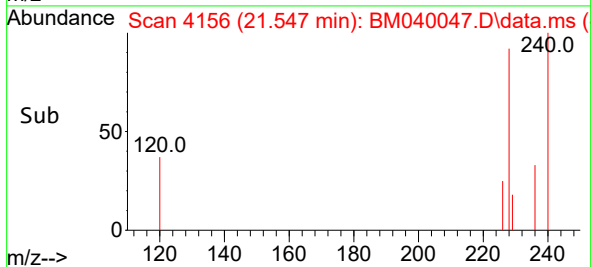
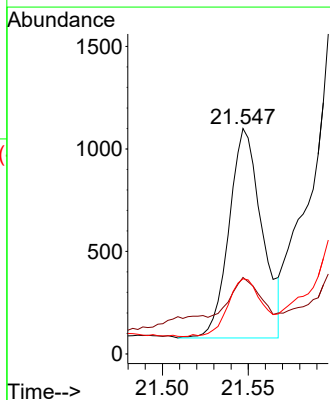
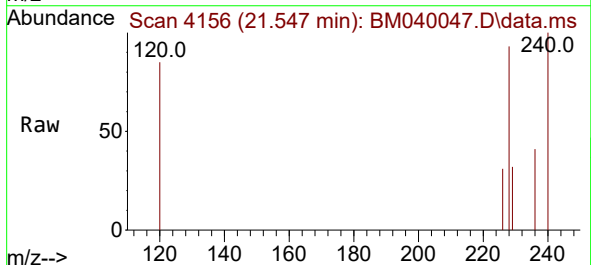
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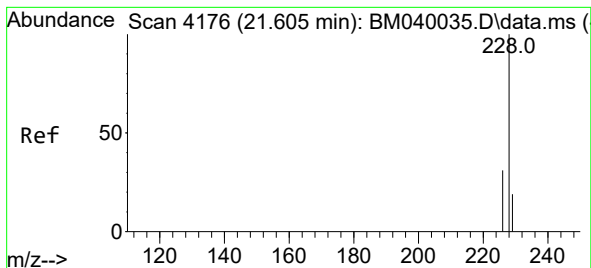
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#21
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

Tgt Ion:228 Resp: 1361
Ion Ratio Lower Upper
228 100
229 33.9 15.6 23.4#
226 33.4 22.5 33.7





#22

Chrysene

Concen: 0.053 ng/ul

RT: 21.602 min Scan# 4175

Delta R.T. -0.009 min

Lab File: BM040047.D

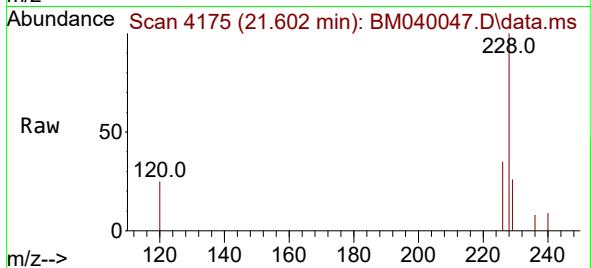
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Instrument :

BNA_M

ClientSampleId :

H0FK4

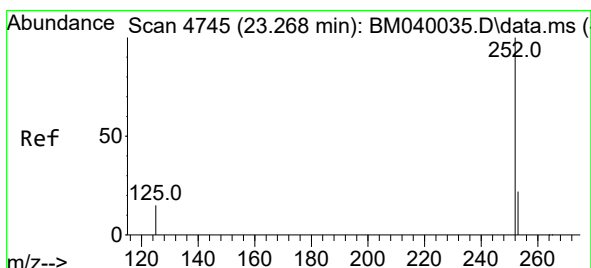
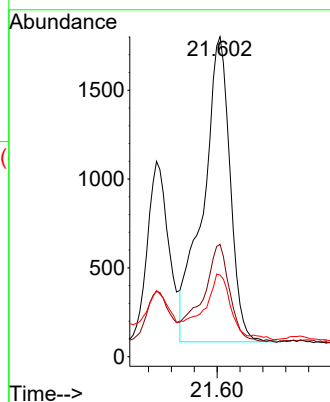
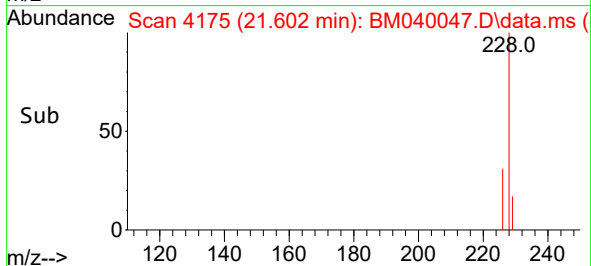


Tgt Ion:	228	Resp:	281
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.6	36.8
229	25.5	15.6	23.4

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#24

Benzo(b)fluoranthene

Concen: 0.068 ng/ul

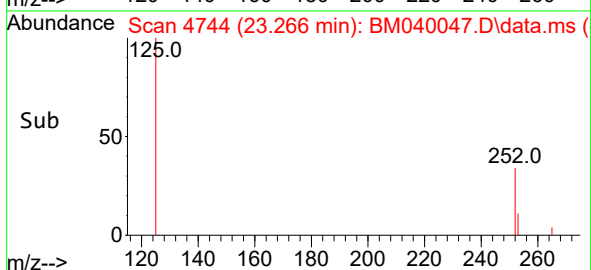
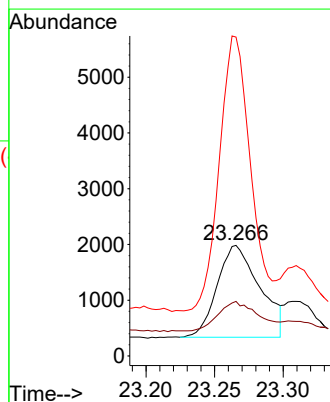
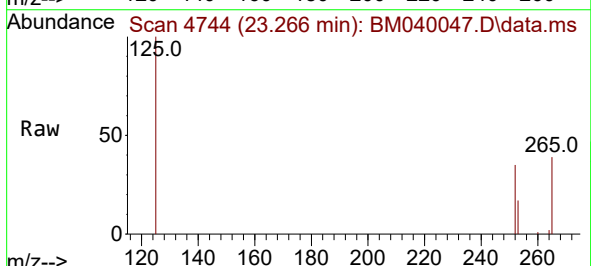
RT: 23.266 min Scan# 4744

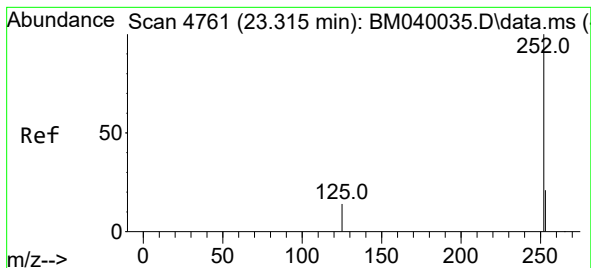
Delta R.T. -0.009 min

Lab File: BM040047.D

Acq: 26 May 2023 21:27

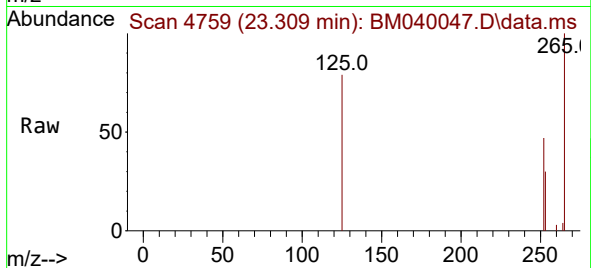
Tgt Ion:	252	Resp:	3554
Ion Ratio	Lower	Upper	
252	100		
253	49.4	0.0	49.8
125	288.3	0.0	39.2





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.309 min Scan# 4761
Delta R.T. -0.015 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

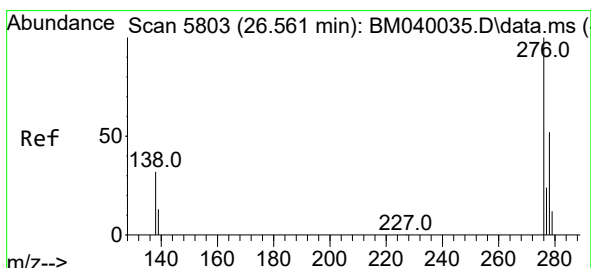
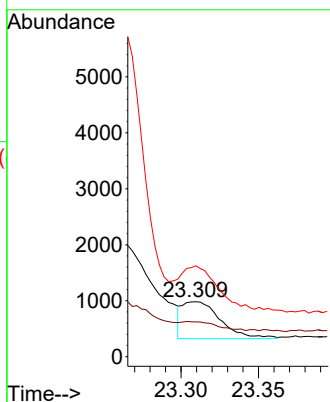
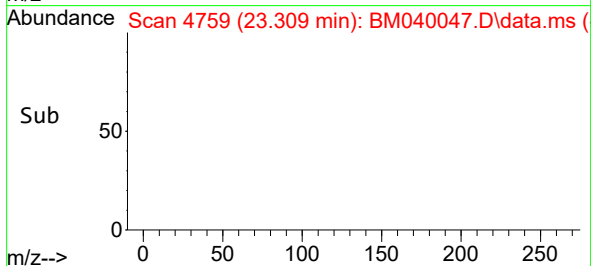
Instrument :
BNA_M
ClientSampleId :
H0FK4



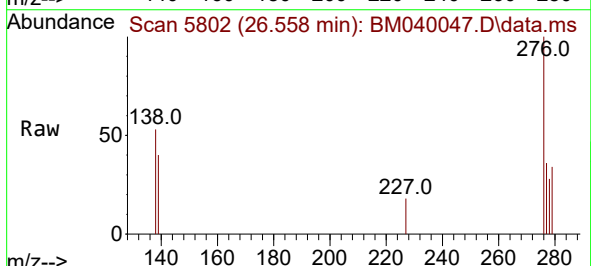
Tgt Ion:252 Resp: 113
Ion Ratio Lower Upper
252 100
253 63.2 19.7 29.5
125 165.6 15.0 22.4

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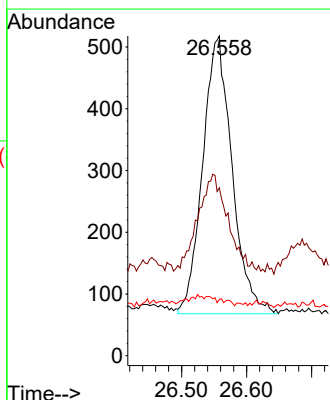
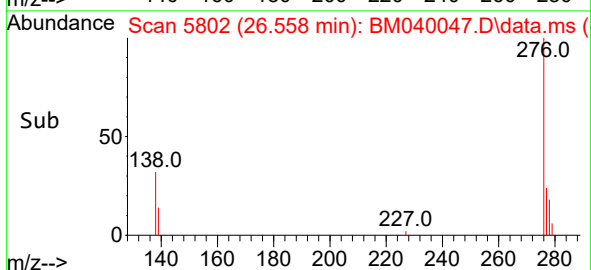
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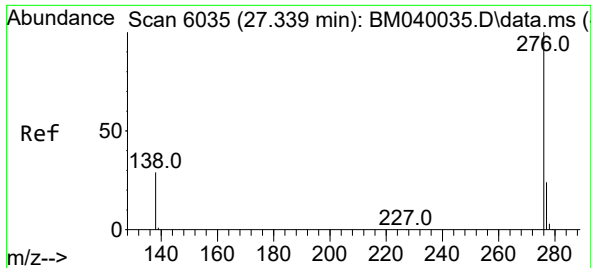


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.558 min Scan# 5802
Delta R.T. -0.013 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27



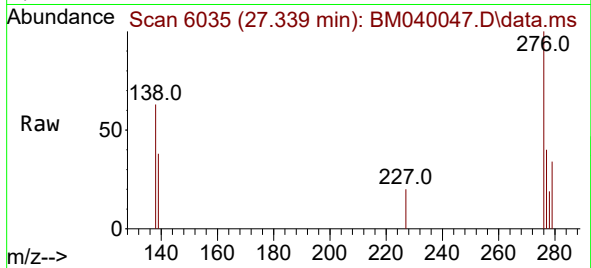
Tgt Ion:276 Resp: 1410
Ion Ratio Lower Upper
276 100
138 36.2 26.9 40.3
227 0.0 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040047.D
Acq: 26 May 2023 21:27

Instrument :
BNA_M
ClientSampleId :
H0FK4



Tgt Ion:276 Resp: 130
Ion Ratio Lower Upper
276 100
138 63.4 23.9 35.9
277 39.6 19.5 29.3

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