

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039665.D
 Acq On : 26 Apr 2023 06:30
 Operator : CG/JU
 Sample : 02419-32
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW927

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 26 07:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 22:38:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	201642	20.000	ng/u1	0.00
20) Naphthalene-d8	10.613	136	811816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.466	164	487692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.218	188	947242	20.000	ng/u1	0.00
79) Chrysene-d12	21.412	240	763973	20.000	ng/u1	0.00
88) Perylene-d12	23.771	264	832351	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds					Qvalue	
72) Phenanthrene	17.259	178	313766	5.966	ng/u1	99
80) Fluoranthene	19.283	202	572244	9.617	ng/u1	99
82) Pyrene	19.648	202	309019	5.017	ng/u1	99
85) Benzo(a)anthracene	21.400	228	163692	2.962	ng/u1	97
87) Chrysene	21.453	228	230567	4.374	ng/u1	98
90) Benzo(b)fluoranthene	23.059	252	243349	4.155	ng/u1#	96
91) Benzo(k)fluoranthene	23.106	252	78986m	1.373	ng/u1	

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

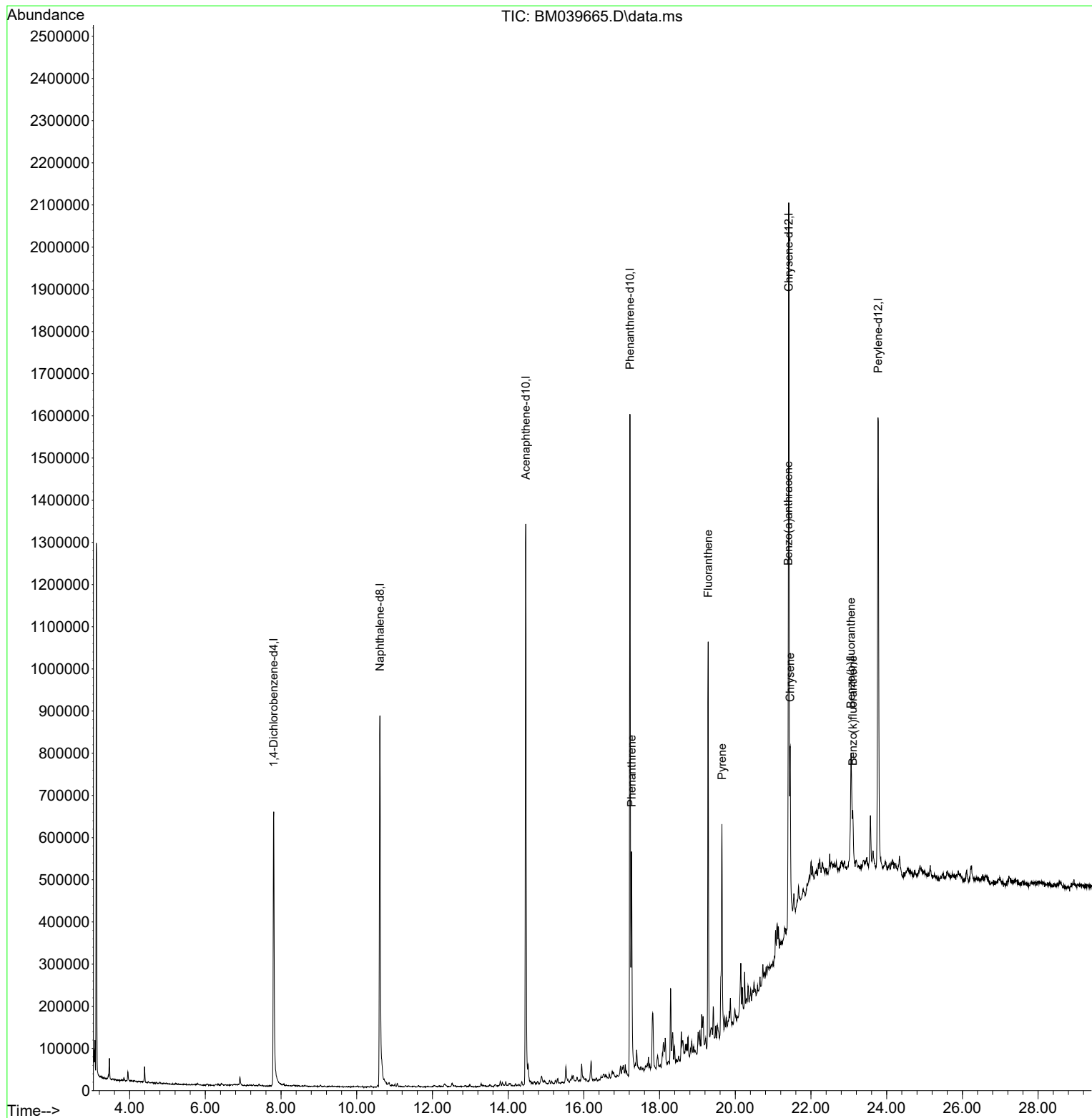
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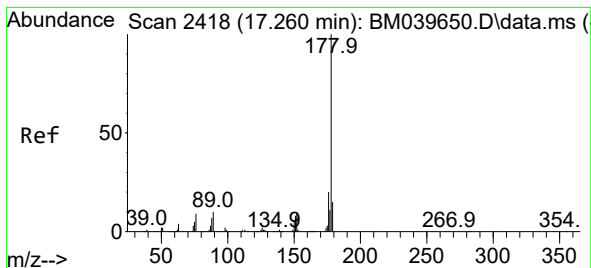
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.966 ng/ul

RT: 17.259 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM039665.D

Acq: 26 Apr 2023 06:30

Instrument :

BNA_M

ClientSampleId :

EW927

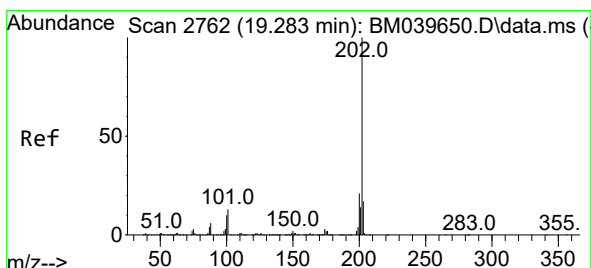
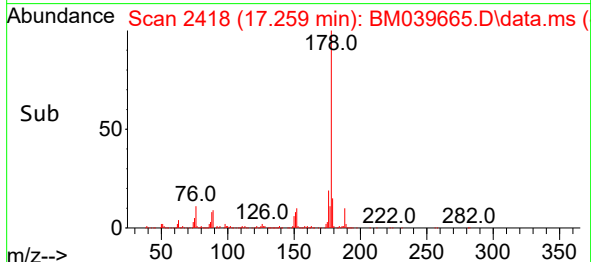
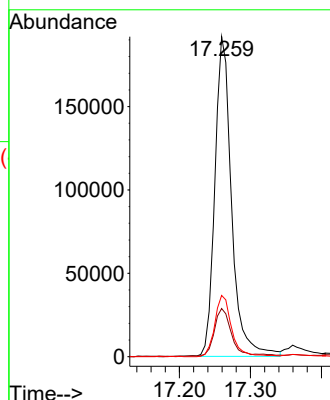
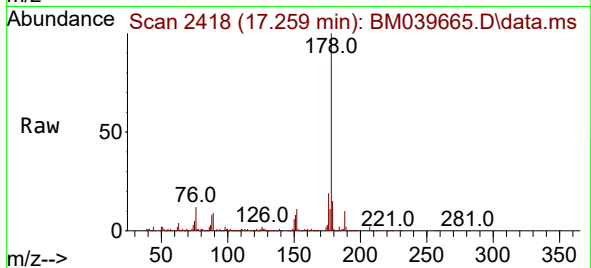
Tgt Ion:178 Resp: 313760

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.1	15.8	23.8

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#80

Fluoranthene

Concen: 9.617 ng/ul

RT: 19.283 min Scan# 2762

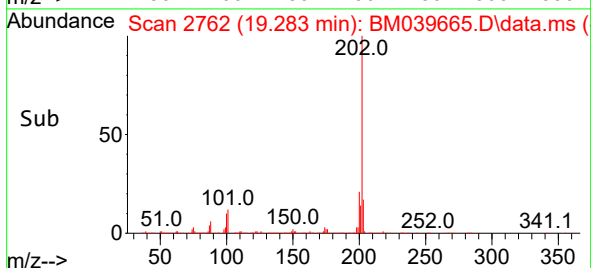
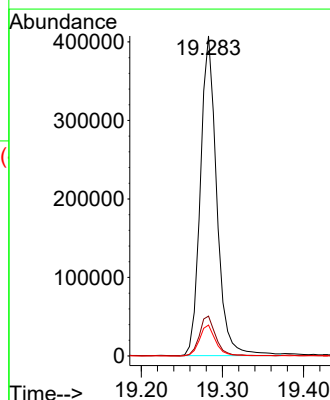
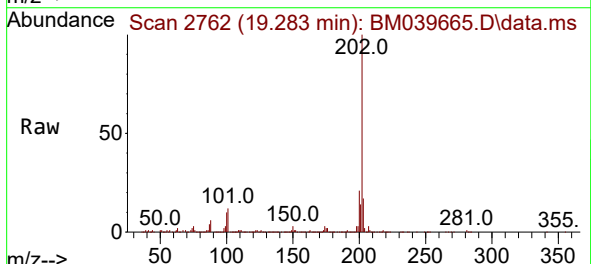
Delta R.T. -0.000 min

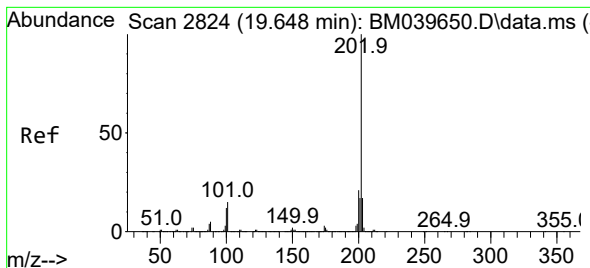
Lab File: BM039665.D

Acq: 26 Apr 2023 06:30

Tgt Ion:202 Resp: 572244

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.4	15.6
100	9.6	7.7	11.5





#82

Pyrene

Concen: 5.017 ng/ul

RT: 19.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039665.D

Acq: 26 Apr 2023 06:30

Instrument :

BNA_M

ClientSampleId :

EW927

Tgt Ion:202 Resp: 309019

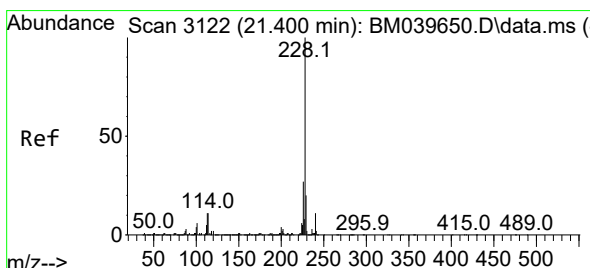
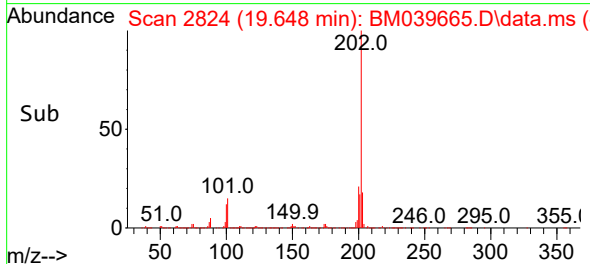
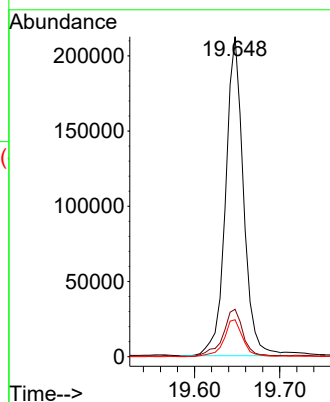
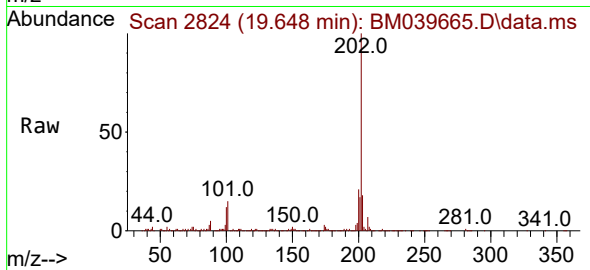
Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.1	18.1
100	11.6	9.6	14.4

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#85

Benzo(a)anthracene

Concen: 2.962 ng/ul

RT: 21.400 min Scan# 3122

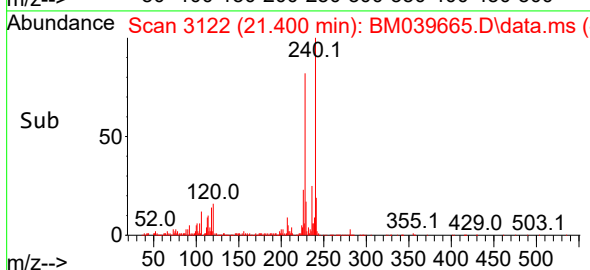
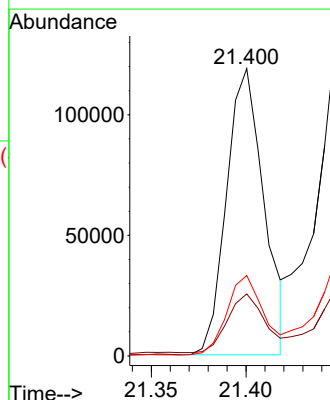
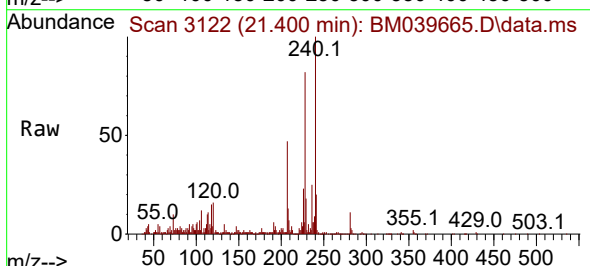
Delta R.T. -0.000 min

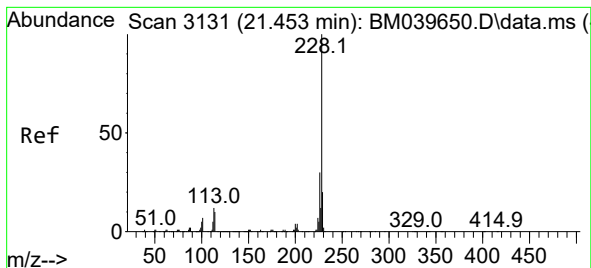
Lab File: BM039665.D

Acq: 26 Apr 2023 06:30

Tgt Ion:228 Resp: 163692

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.2
226	28.0	21.6	32.4





#87

Chrysene

Concen: 4.374 ng/ul

RT: 21.453 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM039665.D

Acq: 26 Apr 2023 06:30

Instrument :

BNA_M

ClientSampleId :

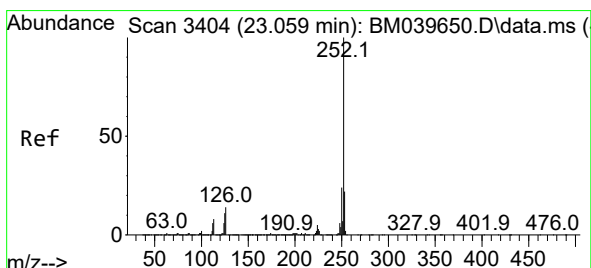
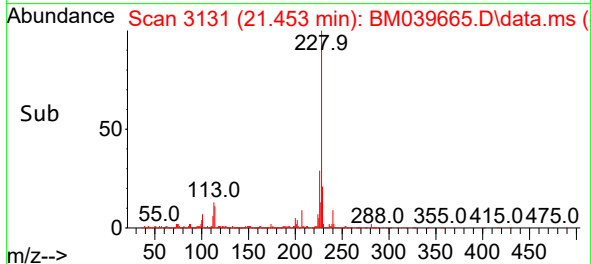
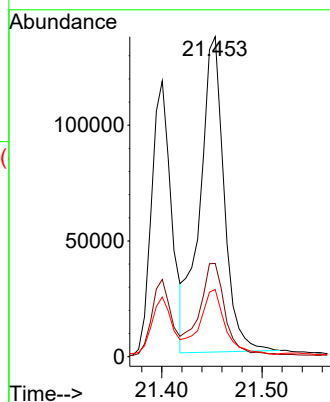
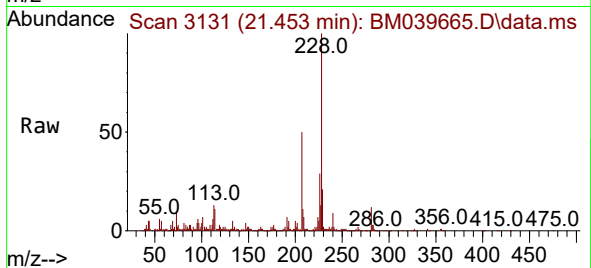
EW927

Tgt Ion:228	Resp: 23056
Ion Ratio	Lower Upper
228 100	
226 29.1	23.9 35.9
229 21.0	15.8 23.6

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#90

Benzo(b)fluoranthene

Concen: 4.155 ng/ul

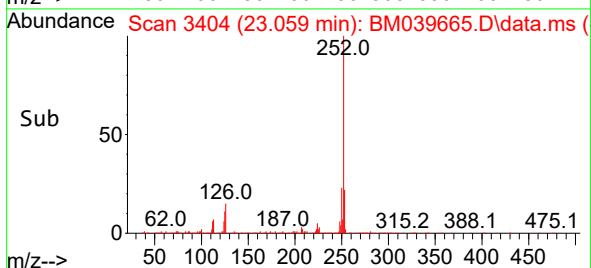
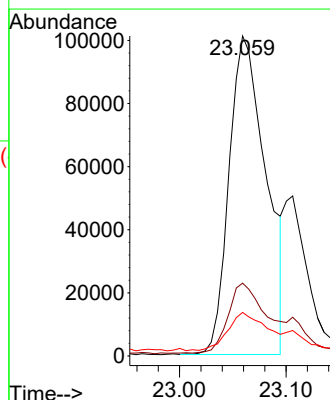
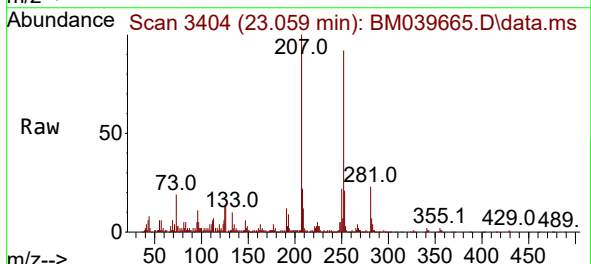
RT: 23.059 min Scan# 3404

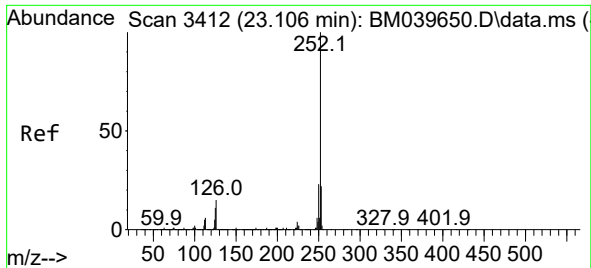
Delta R.T. -0.000 min

Lab File: BM039665.D

Acq: 26 Apr 2023 06:30

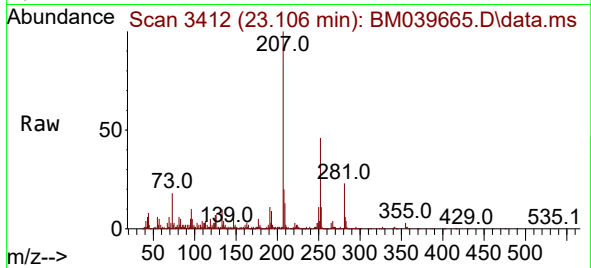
Tgt Ion:252	Resp: 243349
Ion Ratio	Lower Upper
252 100	
253 22.8	17.4 26.2
125 13.6	8.7 13.1





#91
Benzo(k)fluoranthene
Concen: 1.373 ng/ul m
RT: 23.106 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM039665.D
Acq: 26 Apr 2023 06:30

Instrument :
BNA_M
ClientSampleId :
EW927



Tgt Ion:252 Resp: 78980
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 15.9 8.6 12.8

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