

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036611.D
 Acq On : 20 Sep 2022 10:24
 Operator : CG/JU
 Sample : N4496-07
 Misc : GC/MS CONFIRMATION
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AX5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/21/2022
 Supervised By :mohammad ahmed 09/21/2022

Quant Time: Sep 21 03:29:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	335933	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1415832	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	942747	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2140547	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1975665	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1812586	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	0d	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	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	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	
61) Fluorene	15.692	166	111217	1.612	ng/u1	100
72) Phenanthrene	17.427	178	1703118	14.445	ng/u1	99
80) Fluoranthene	19.433	202	3027115	25.416	ng/u1	99
82) Pyrene	19.792	202	1610360	12.773	ng/u1	99
85) Benzo(a)anthracene	21.533	228	853343	6.894	ng/u1	99
87) Chrysene	21.586	228	1025526	8.728	ng/u1	99
90) Benzo(b)fluoranthene	23.250	252	873297	7.598	ng/u1	99
91) Benzo(k)fluoranthene	23.297	252	318732m	2.775	ng/u1	

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

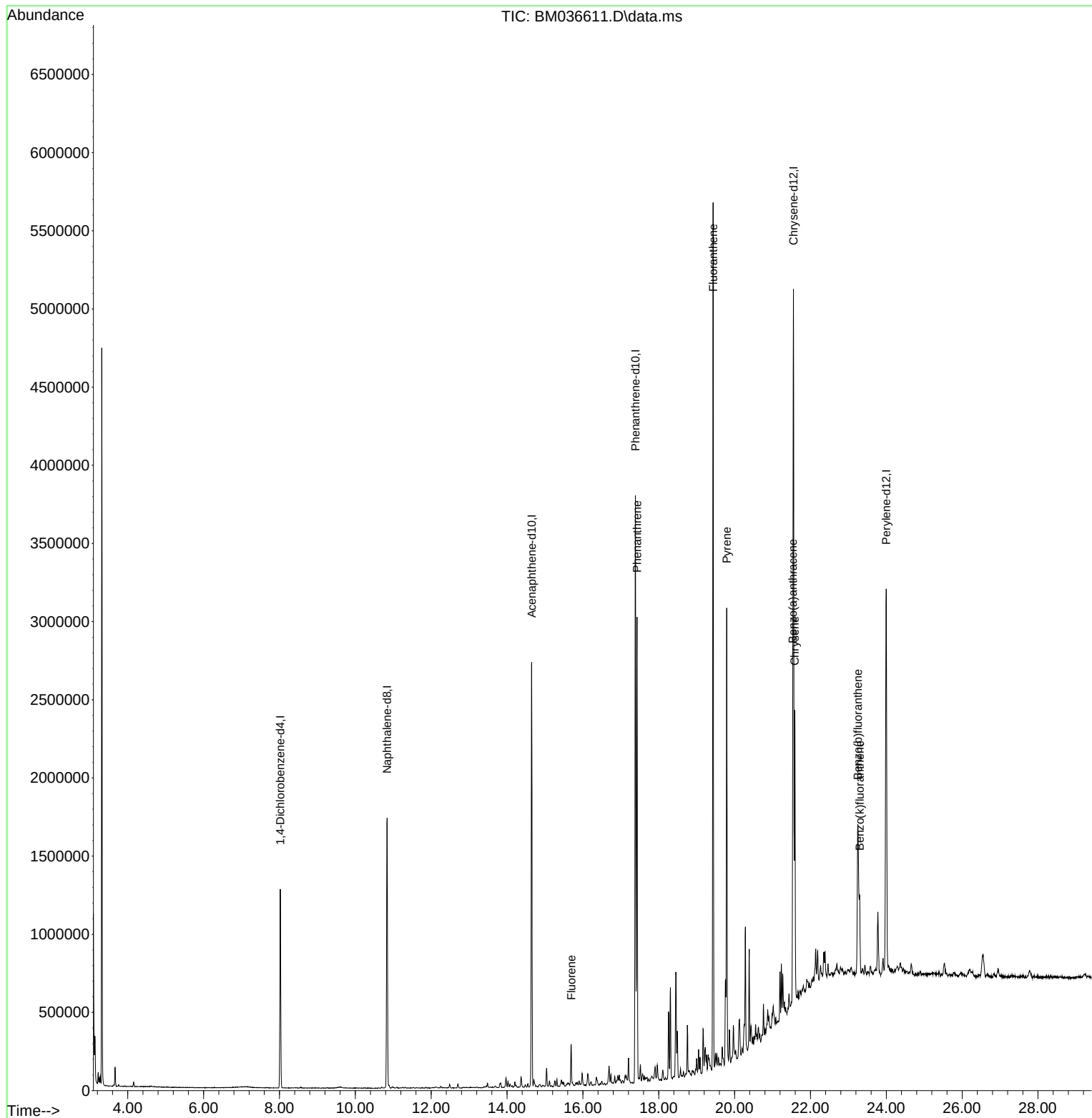
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036611.D
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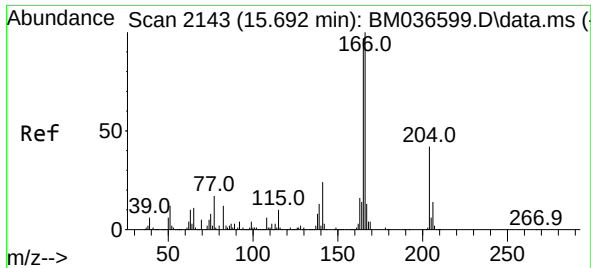
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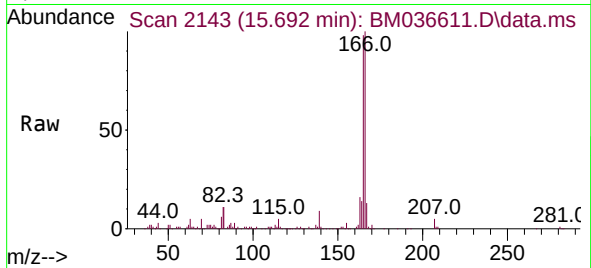
Quant Time: Sep 21 03:29:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration





#61
Fluorene
Concen: 1.612 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM036611.D
Acq: 20 Sep 2022 10:24

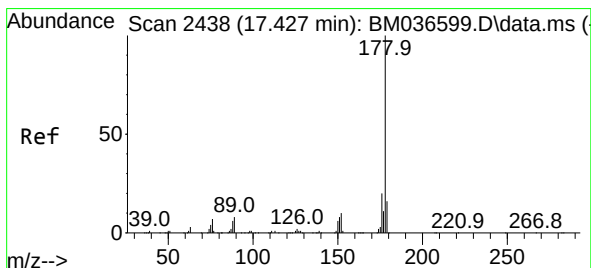
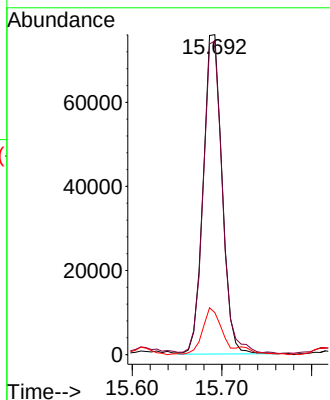
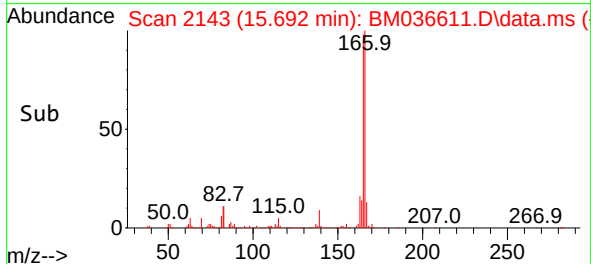
Instrument :
BNA_M
ClientSampleId :
A0AX5



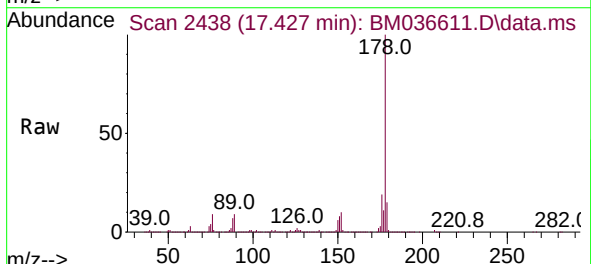
Tgt Ion:166 Resp: 111217
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.1 10.4 15.6

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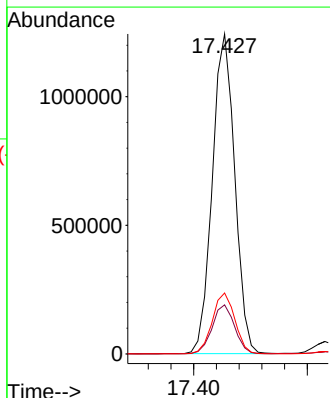
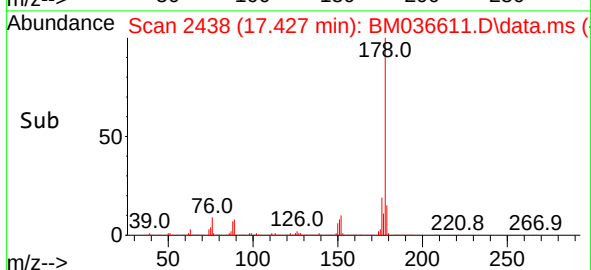
Reviewed By :Jagrut Upadhyay 09/21/2022
Supervised By :mohammad ahmed 09/21/2022

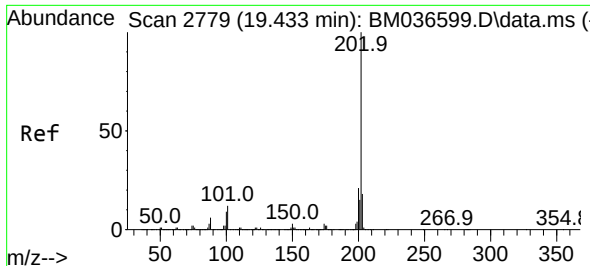


#72
Phenanthrene
Concen: 14.445 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036611.D
Acq: 20 Sep 2022 10:24



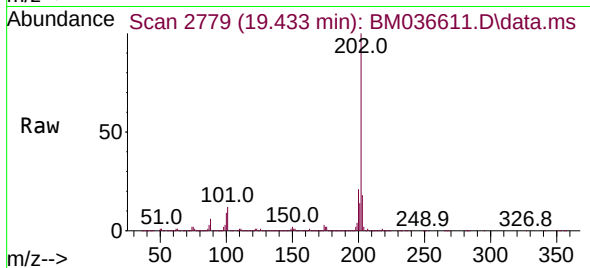
Tgt Ion:178 Resp: 1703118
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.0 15.7 23.5





#80
Fluoranthene
Concen: 25.416 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036611.D
Acq: 20 Sep 2022 10:24

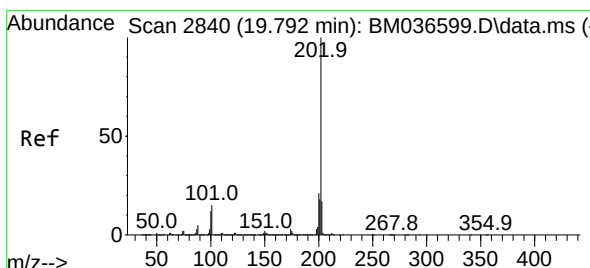
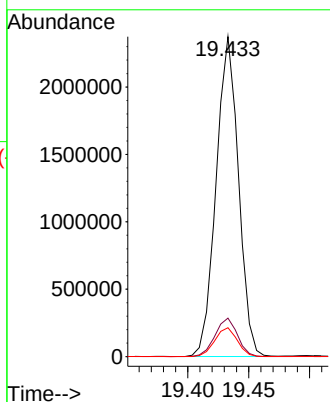
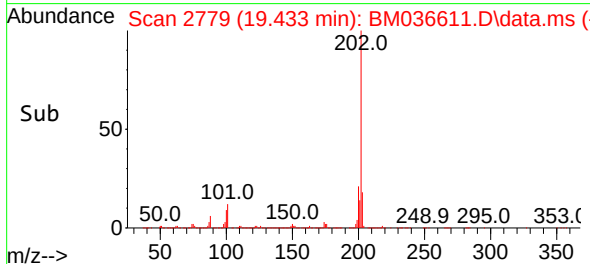
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Tgt Ion:202 Resp: 3027115
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 9.0 7.4 11.2

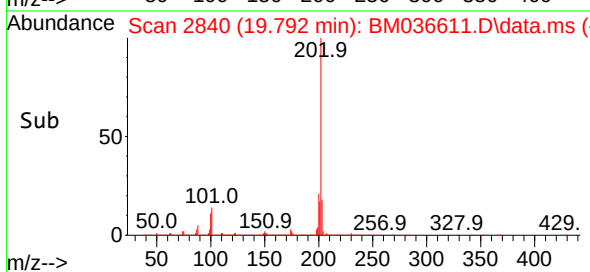
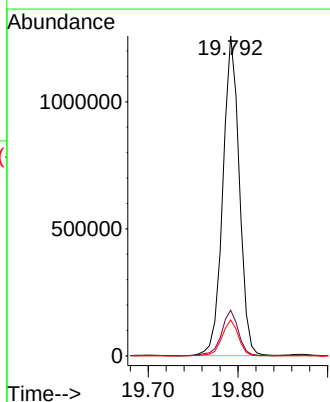
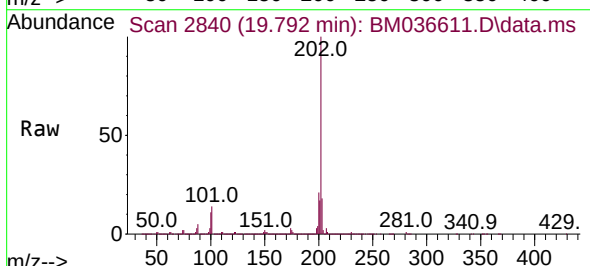
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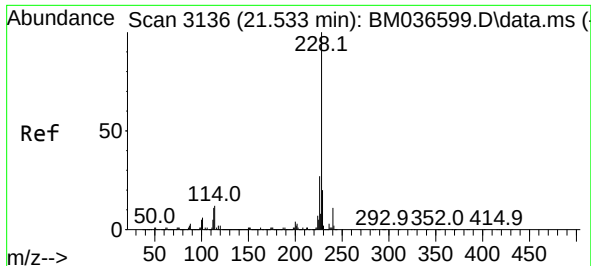
Reviewed By :Jagrut Upadhyay 09/21/2022
Supervised By :mohammad ahmed 09/21/2022



#82
Pyrene
Concen: 12.773 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BM036611.D
Acq: 20 Sep 2022 10:24

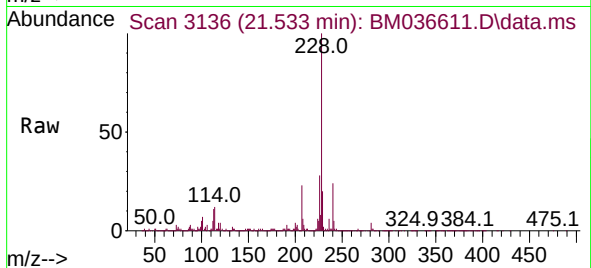
Tgt Ion:202 Resp: 1610360
Ion Ratio Lower Upper
202 100
101 14.3 10.9 16.3
100 11.3 8.7 13.1





#85
Benzo(a)anthracene
Concen: 6.894 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM036611.D
Acq: 20 Sep 2022 10:24

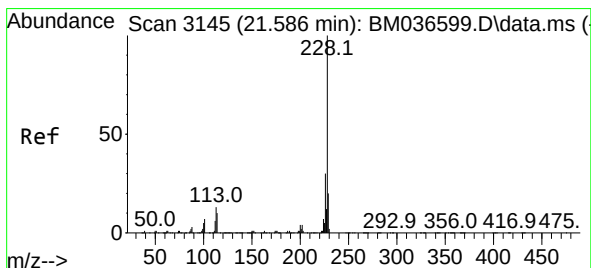
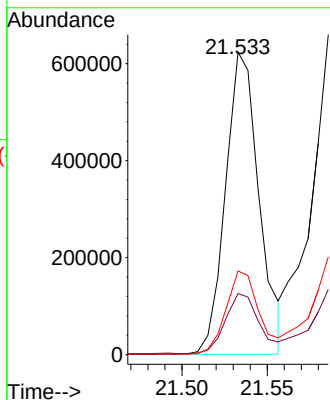
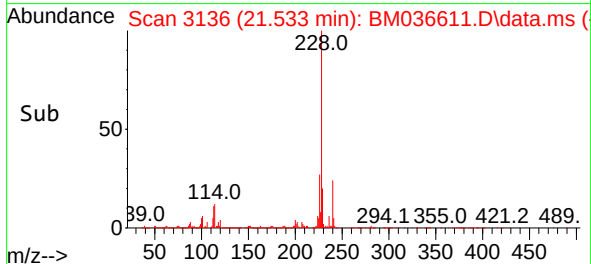
Instrument :
BNA_M
ClientSampleId :
A0AX5



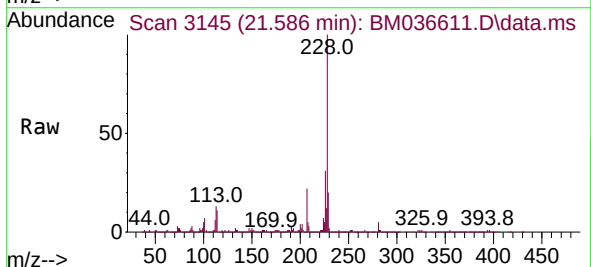
Tgt Ion:228 Resp: 853343
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 27.6 21.9 32.9

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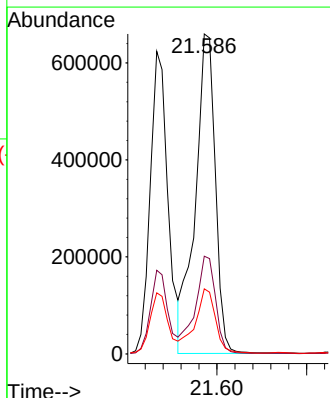
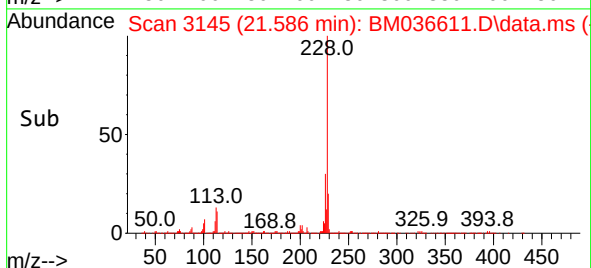
Reviewed By :Jagrut Upadhyay 09/21/2022
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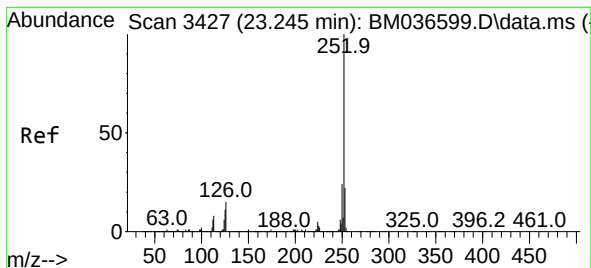


#87
Chrysene
Concen: 8.728 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BM036611.D
Acq: 20 Sep 2022 10:24



Tgt Ion:228 Resp: 1025526
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.3 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 7.598 ng/ul

RT: 23.250 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BM036611.D

Acq: 20 Sep 2022 10:24

Instrument :

BNA_M

ClientSampleId :

A0AX5

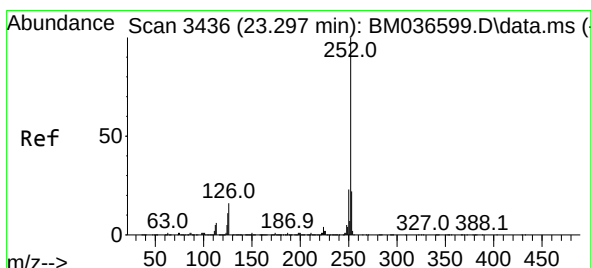
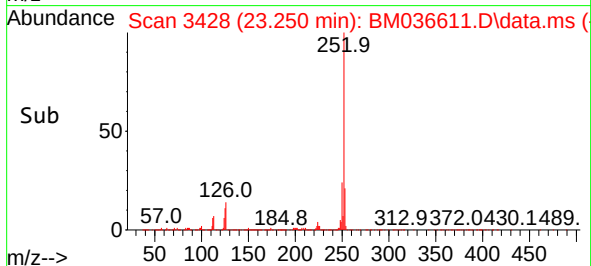
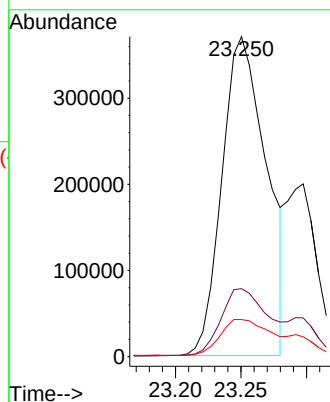
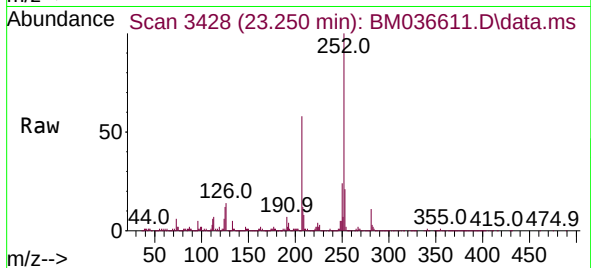
Tgt Ion:252 Resp: 87329

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	11.6	9.1	13.7

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#91

Benzo(k)fluoranthene

Concen: 2.775 ng/ul m

RT: 23.297 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BM036611.D

Acq: 20 Sep 2022 10:24

Tgt Ion:252 Resp: 318732

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.5	8.2	12.4

