

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037166.D
 Acq On : 21 Oct 2022 09:15
 Operator : CG/JU
 Sample : N5015-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C1BE6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 02:30:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5553	0.400	ng/u1	0.00
4) Naphthalene-d8	10.705	136	17943	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.533	164	10865	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.271	188	23216	0.400	ng/u1	0.00
17) Chrysene-d12	21.450	240	18508	0.400	ng/u1	0.00
23) Perylene-d12	23.824	264	14256	0.400	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	25904	3.826	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.294	152	6278	0.246	ng/u1	0.00
18) Fluoranthene-d10	19.299	212	14837	0.265	ng/u1	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.594	153	7158	0.170	ng/u1	98
12) Fluorene	15.579	166	8792	0.178	ng/u1	99
15) Phenanthrene	17.313	178	128656	1.642	ng/u1	98
16) Anthracene	17.406	178	29895	0.482	ng/u1	100
19) Fluoranthene	19.326	202	211529	2.631	ng/u1	98
20) Pyrene	19.689	202	168613m	2.069	ng/u1	
21) Benzo(a)anthracene	21.436	228	71538	0.996	ng/u1	99
22) Chrysene	21.485	228	67141	0.812	ng/u1	99
24) Benzo(b)fluoranthene	23.102	252	72352	0.958	ng/u1	97
25) Benzo(k)fluoranthene	23.142	252	24562m	0.337	ng/u1	
26) Benzo(a)pyrene	23.718	252	48020	0.792	ng/u1#	92
27) Indeno(1,2,3-cd)pyrene	26.273	276	24124	0.285	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.289	278	5670	0.085	ng/u1#	80
29) Benzo(g,h,i)perylene	27.034	276	20487	0.275	ng/u1	99

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

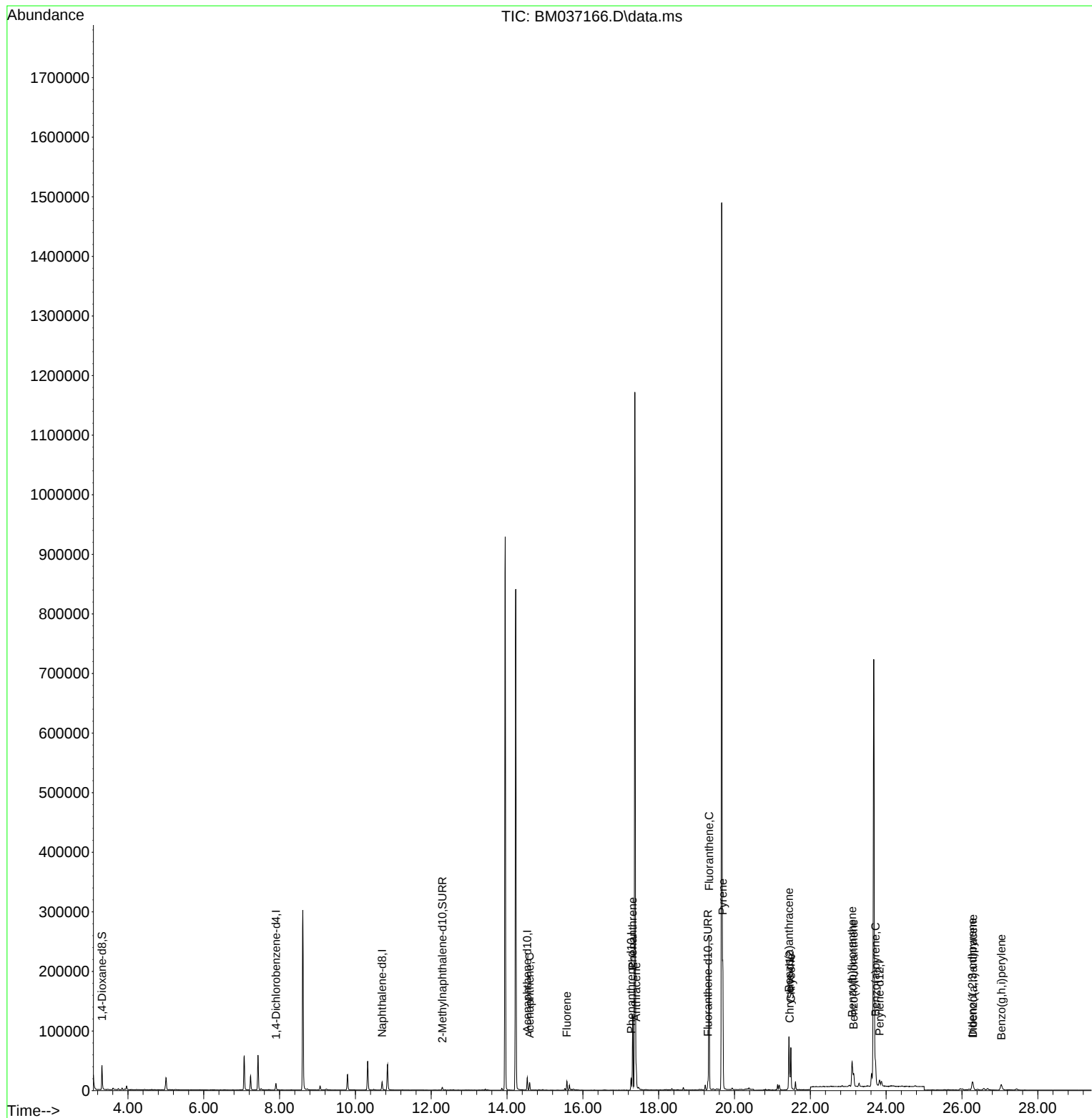
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037166.D
Acq On : 21 Oct 2022 09:15
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ALS Vial : 30 Sample Multiplier: 1

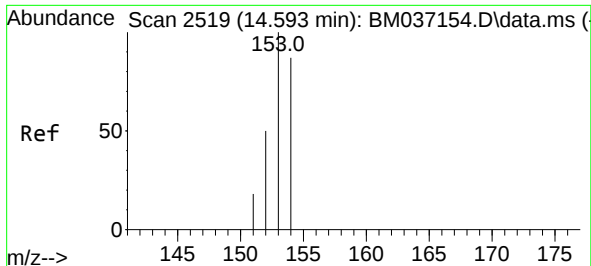
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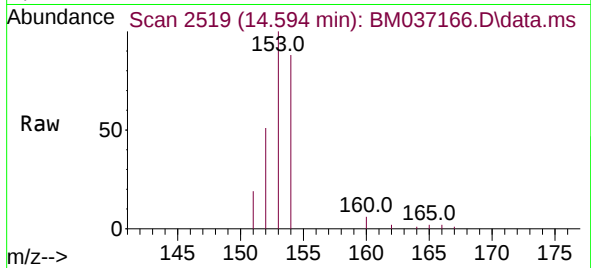
Quant Time: Oct 22 02:30:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.170 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

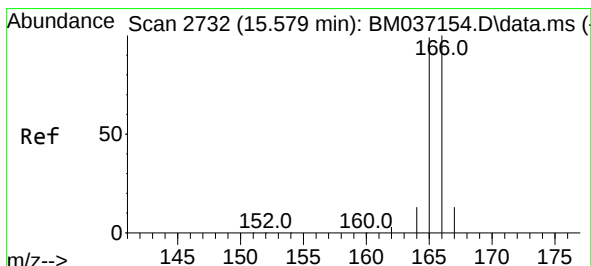
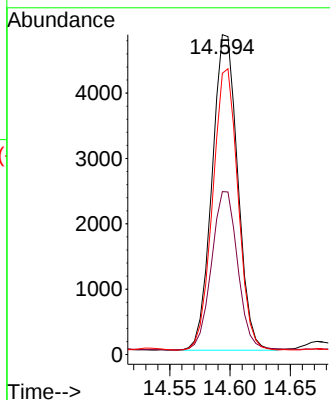
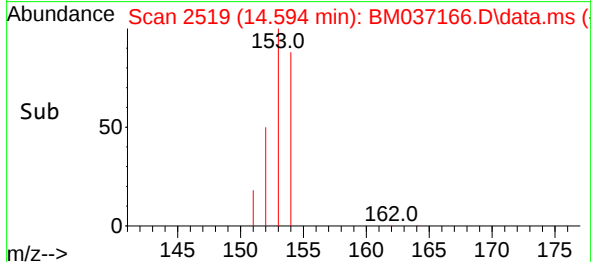
Instrument :
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Tgt Ion:153 Resp: 7158
Ion Ratio Lower Upper
153 100
152 50.9 43.3 64.9
154 87.9 70.0 105.0

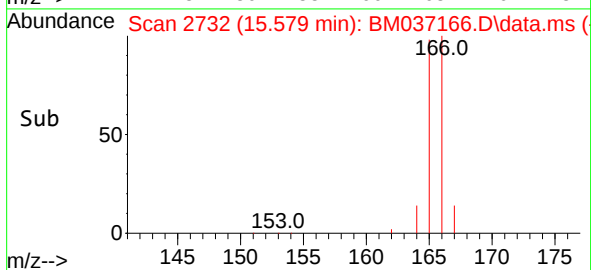
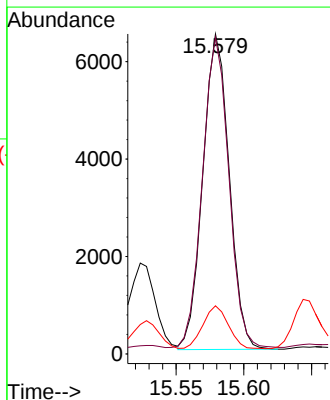
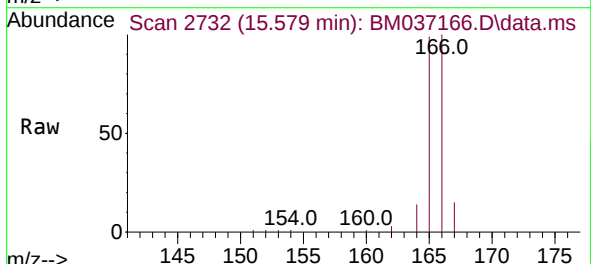
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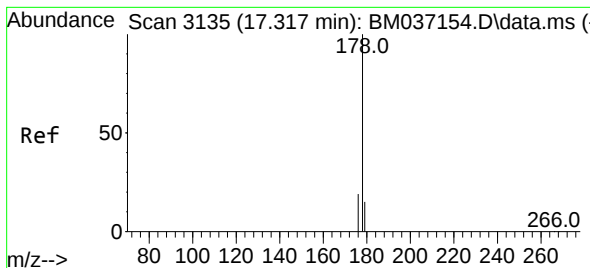
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.178 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.005 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

Tgt Ion:166 Resp: 8792
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.2
167 15.0 11.3 16.9





#15

Phenanthrene

Concen: 1.642 ng/ul

RT: 17.313 min Scan# 3135

Delta R.T. -0.008 min

Lab File: BM037166.D

Acq: 21 Oct 2022 09:15

Instrument :

BNA_M

ClientSampleId :

C1BE6

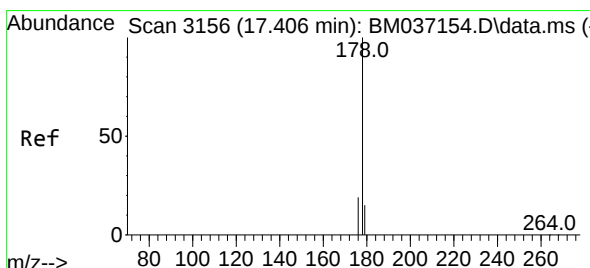
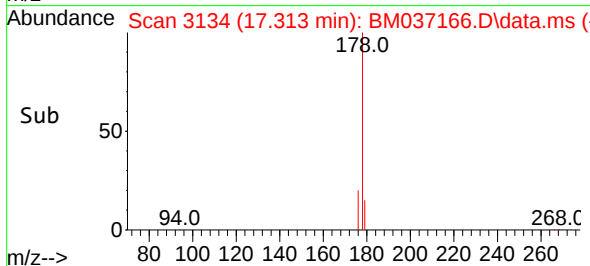
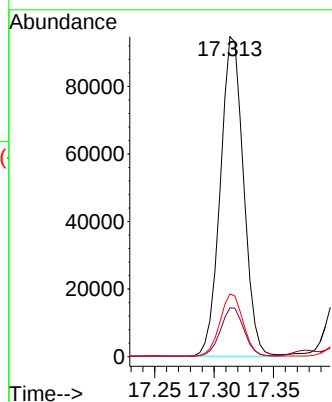
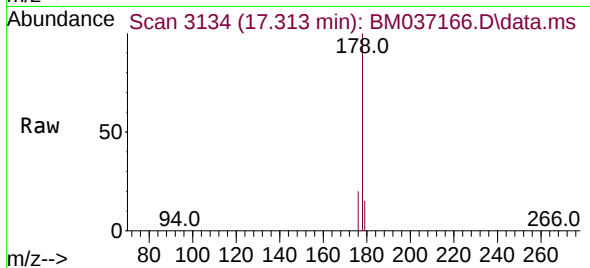
Tgt Ion:178 Resp: 128656

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.6
176	19.6	16.1	24.1

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#16

Anthracene

Concen: 0.482 ng/ul

RT: 17.406 min Scan# 3156

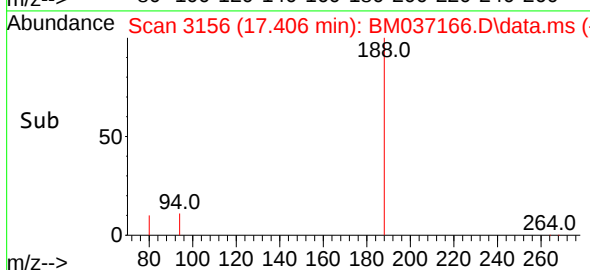
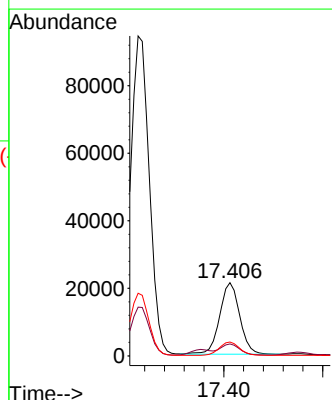
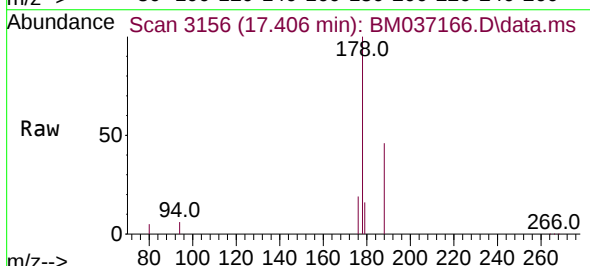
Delta R.T. -0.008 min

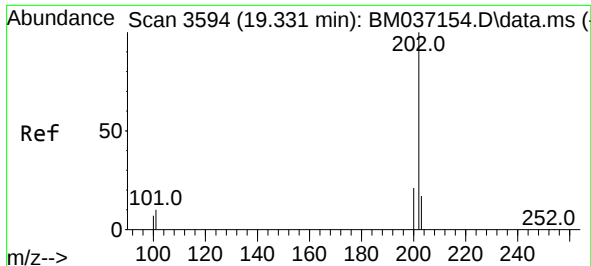
Lab File: BM037166.D

Acq: 21 Oct 2022 09:15

Tgt Ion:178 Resp: 29895

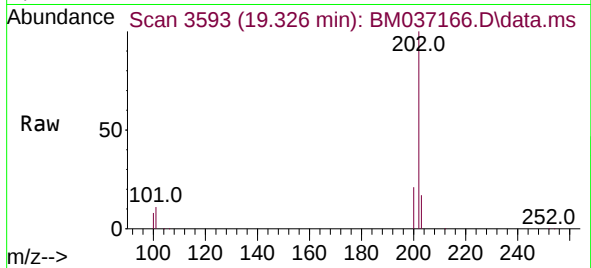
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.1	19.7
176	19.0	15.3	22.9





#19
Fluoranthene
Concen: 2.631 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

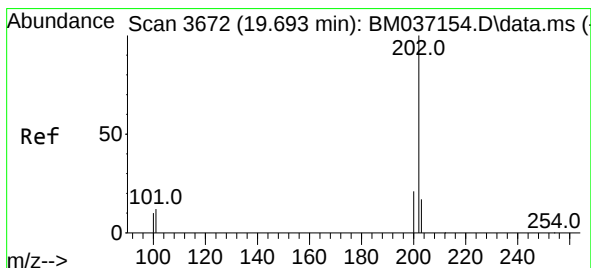
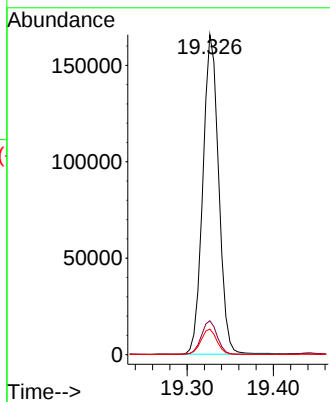
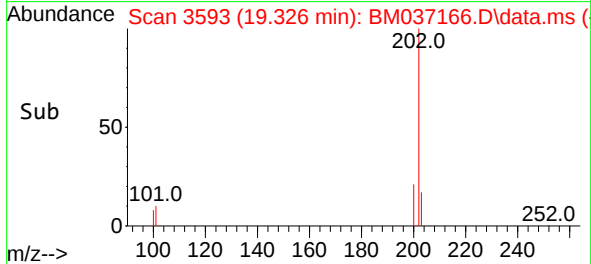
Instrument :
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ClientSampleId :
C1BE6



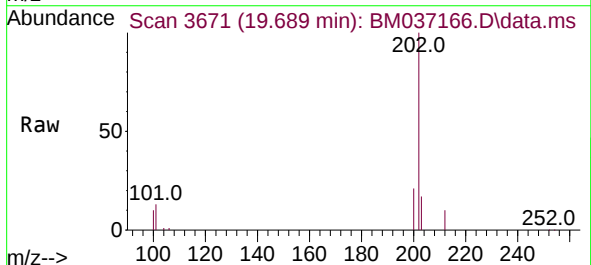
Tgt Ion:202 Resp: 211529
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.0 6.9 10.3

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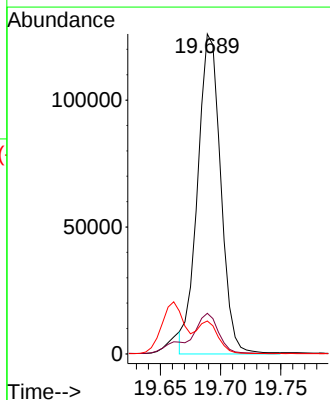
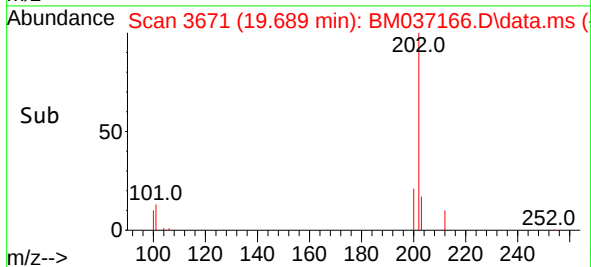
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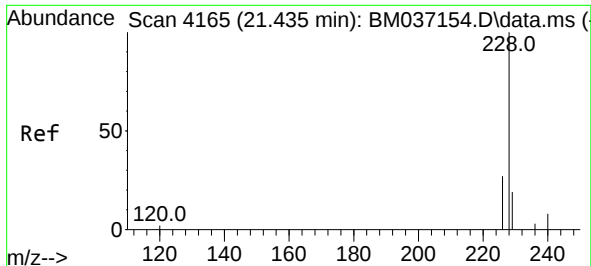


#20
Pyrene
Concen: 2.069 ng/ul m
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15



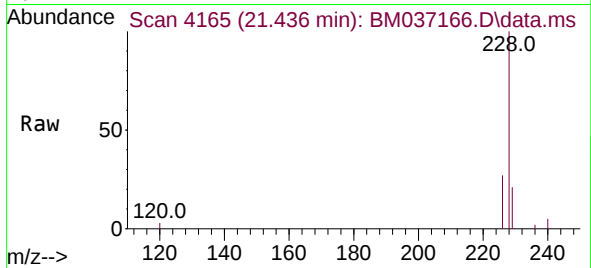
Tgt Ion:202 Resp: 168613
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 10.3 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.996 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

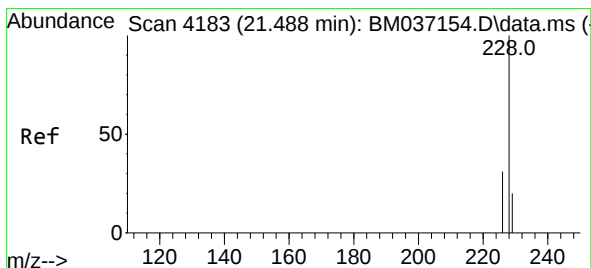
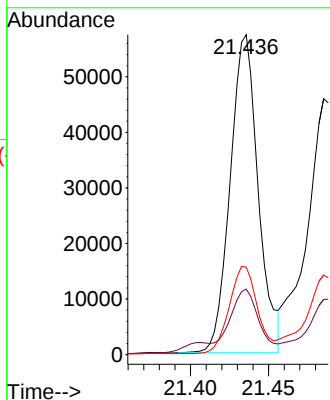
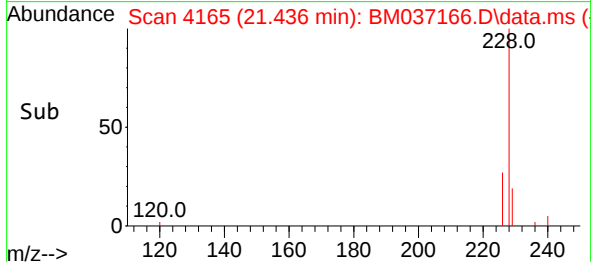
Instrument :
BNA_M
ClientSampleId :
C1BE6



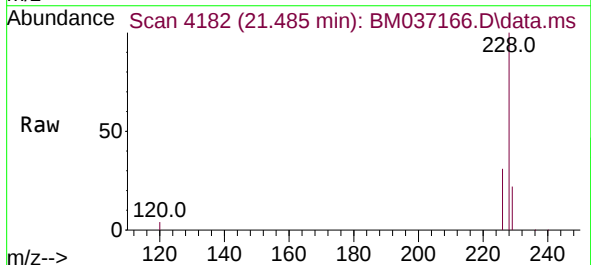
Tgt Ion:228 Resp: 71538
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 27.4 21.8 32.8

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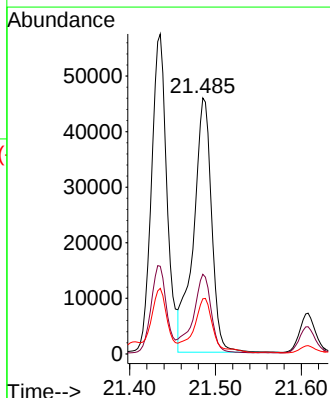
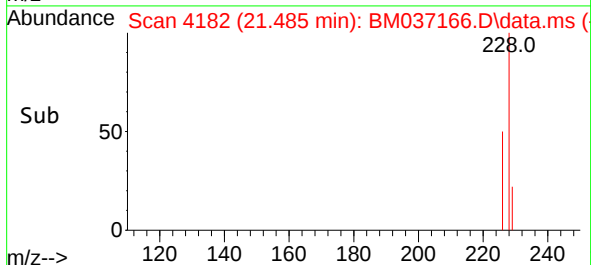
Reviewed By :Jagrut Upadhyay 10/24/2022
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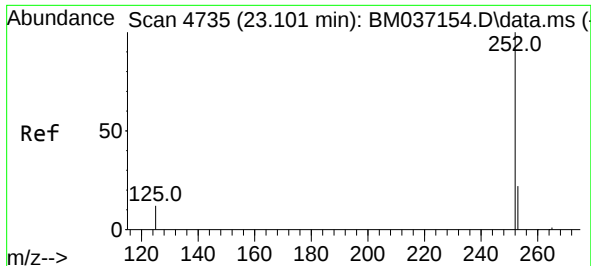


#22
Chrysene
Concen: 0.812 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15



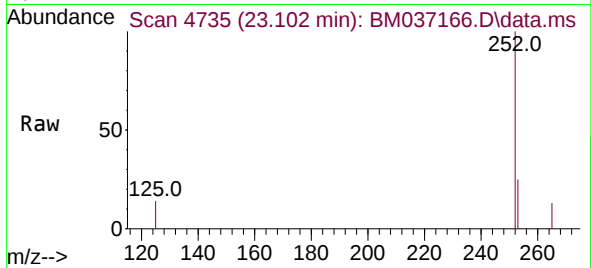
Tgt Ion:228 Resp: 67141
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.958 ng/ul
RT: 23.102 min Scan# 4735
Delta R.T. -0.009 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

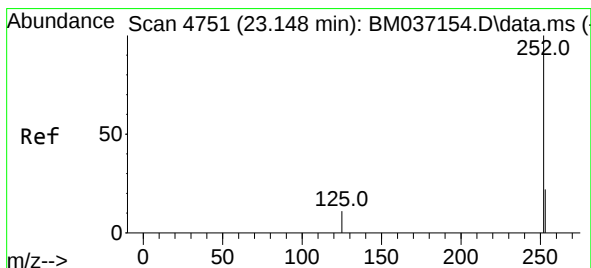
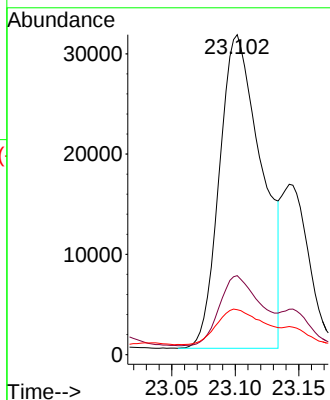
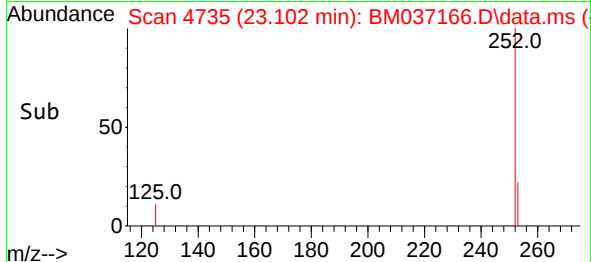
Instrument :
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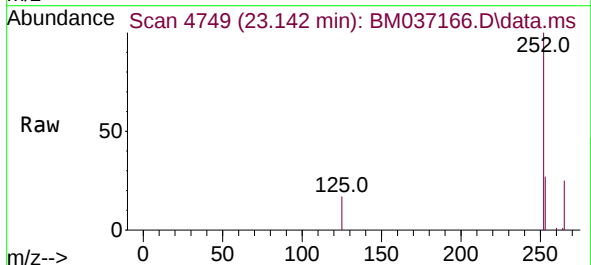
Tgt Ion:252 Resp: 72352
Ion Ratio Lower Upper
252 100
253 24.7 0.0 50.6
125 14.0 0.0 32.6

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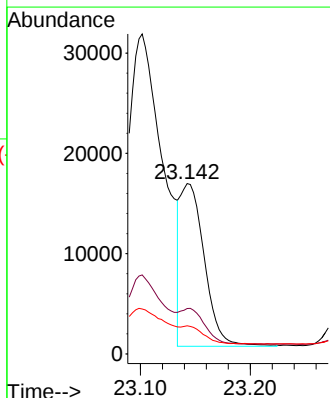
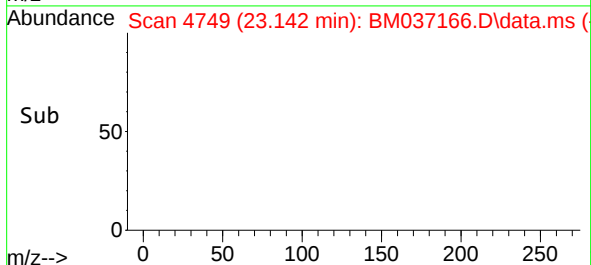
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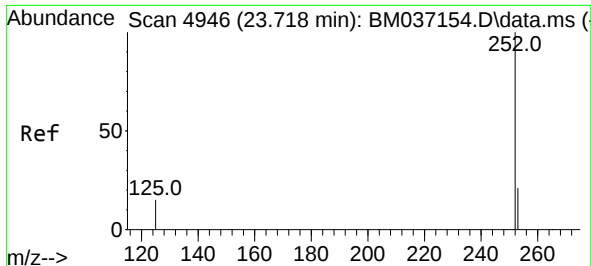


#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul m
RT: 23.142 min Scan# 4749
Delta R.T. -0.014 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15



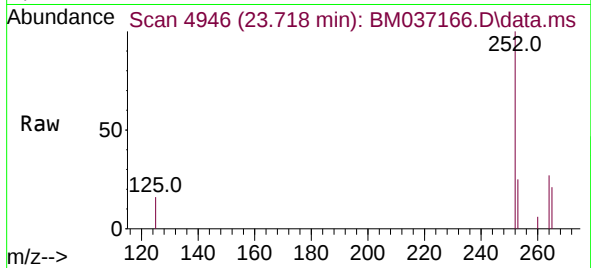
Tgt Ion:252 Resp: 24562
Ion Ratio Lower Upper
252 100
253 26.6 20.6 30.8
125 16.5 13.3 19.9





#26
Benzo(a)pyrene
Concen: 0.792 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. -0.012 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

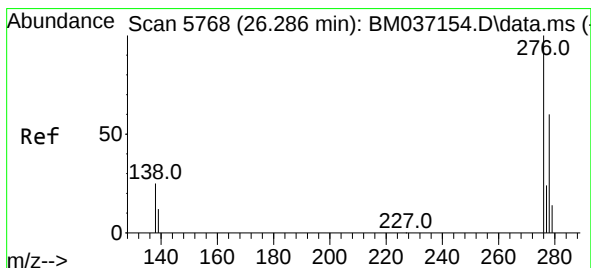
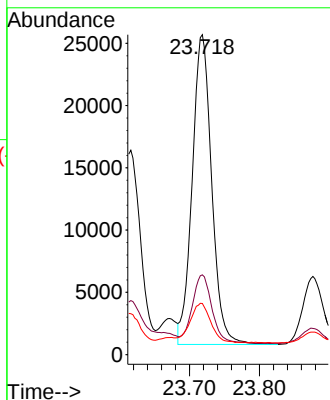
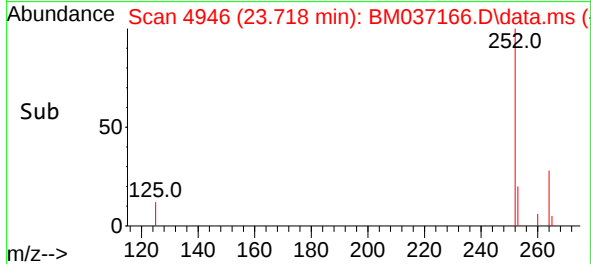
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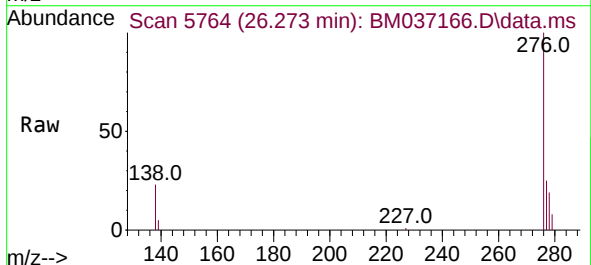
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Ion Ratio Lower Upper
252 100
253 24.9 22.1 33.1
125 16.0 17.6 26.4

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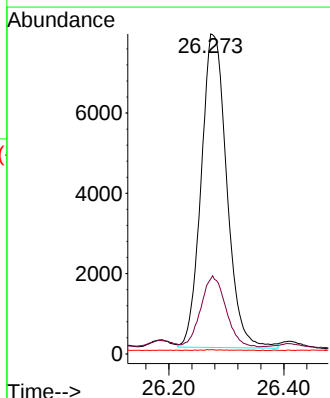
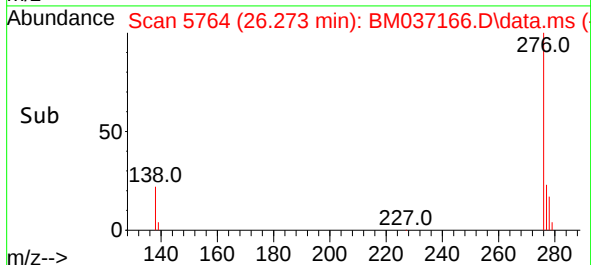
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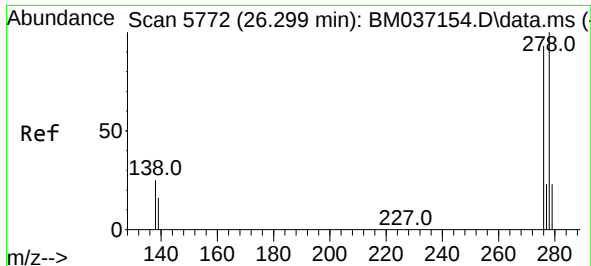


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 26.273 min Scan# 5764
Delta R.T. -0.027 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15



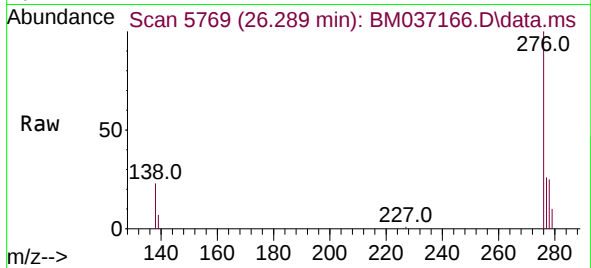
Tgt Ion:276 Resp: 24124
Ion Ratio Lower Upper
276 100
138 22.2 21.4 32.0
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.027 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15

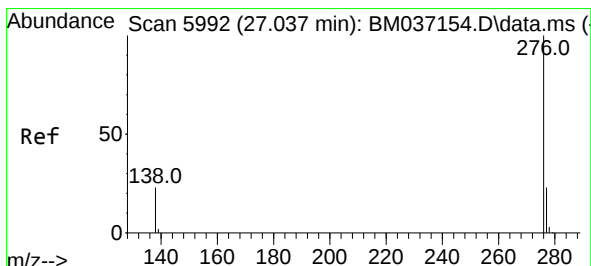
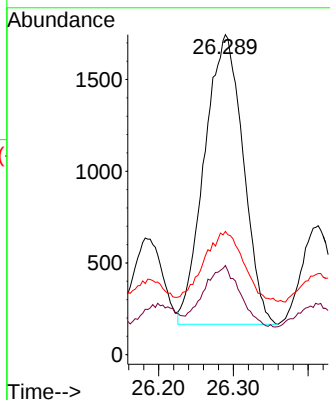
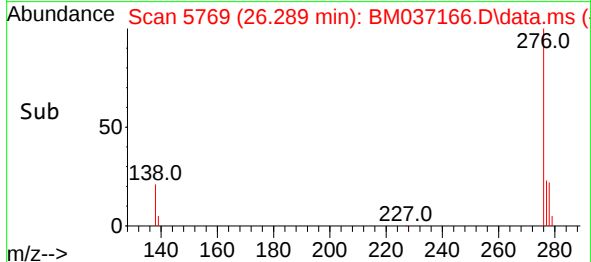
Instrument :
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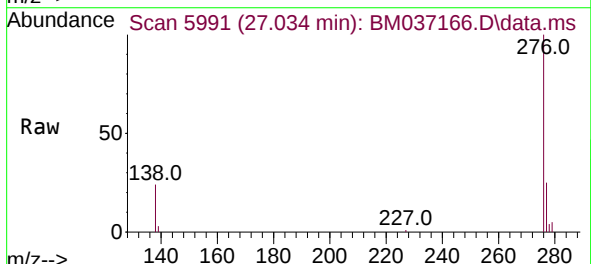
Tgt Ion:278 Resp: 5670
Ion Ratio Lower Upper
278 100
139 27.9 16.3 24.5
279 38.5 21.5 32.3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 27.034 min Scan# 5991
Delta R.T. -0.023 min
Lab File: BM037166.D
Acq: 21 Oct 2022 09:15



Tgt Ion:276 Resp: 20487
Ion Ratio Lower Upper
276 100
138 24.3 19.8 29.8
277 25.2 20.1 30.1

