

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035050.D
 Acq On : 14 May 2022 05:18
 Operator : CG/JU
 Sample : N2603-16DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW496DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 14 06:29:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	5725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	17809	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	10776	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	22835	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	19382	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	16681	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	6336	0.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	1969	0.069	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	4556	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.334	178	17453	0.201	ng/ul	94
16) Anthracene	17.423	178	3821	0.048	ng/ul	97
19) Fluoranthene	19.350	202	37965	0.349	ng/ul	98
20) Pyrene	19.712	202	33998	0.308	ng/ul	99
21) Benzo(a)anthracene	21.456	228	16229	0.181	ng/ul	96
22) Chrysene	21.509	228	16714	0.179	ng/ul#	94
24) Benzo(b)fluoranthene	23.134	252	20830	0.238	ng/ul#	87
25) Benzo(k)fluoranthene	23.175	252	6000m	0.072	ng/ul	
26) Benzo(a)pyrene	23.751	252	12964	0.163	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.320	276	8081	0.103	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.330	278	2170	0.035	ng/ul#	6
29) Benzo(g,h,i)perylene	27.077	276	6594	0.097	ng/ul#	79

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

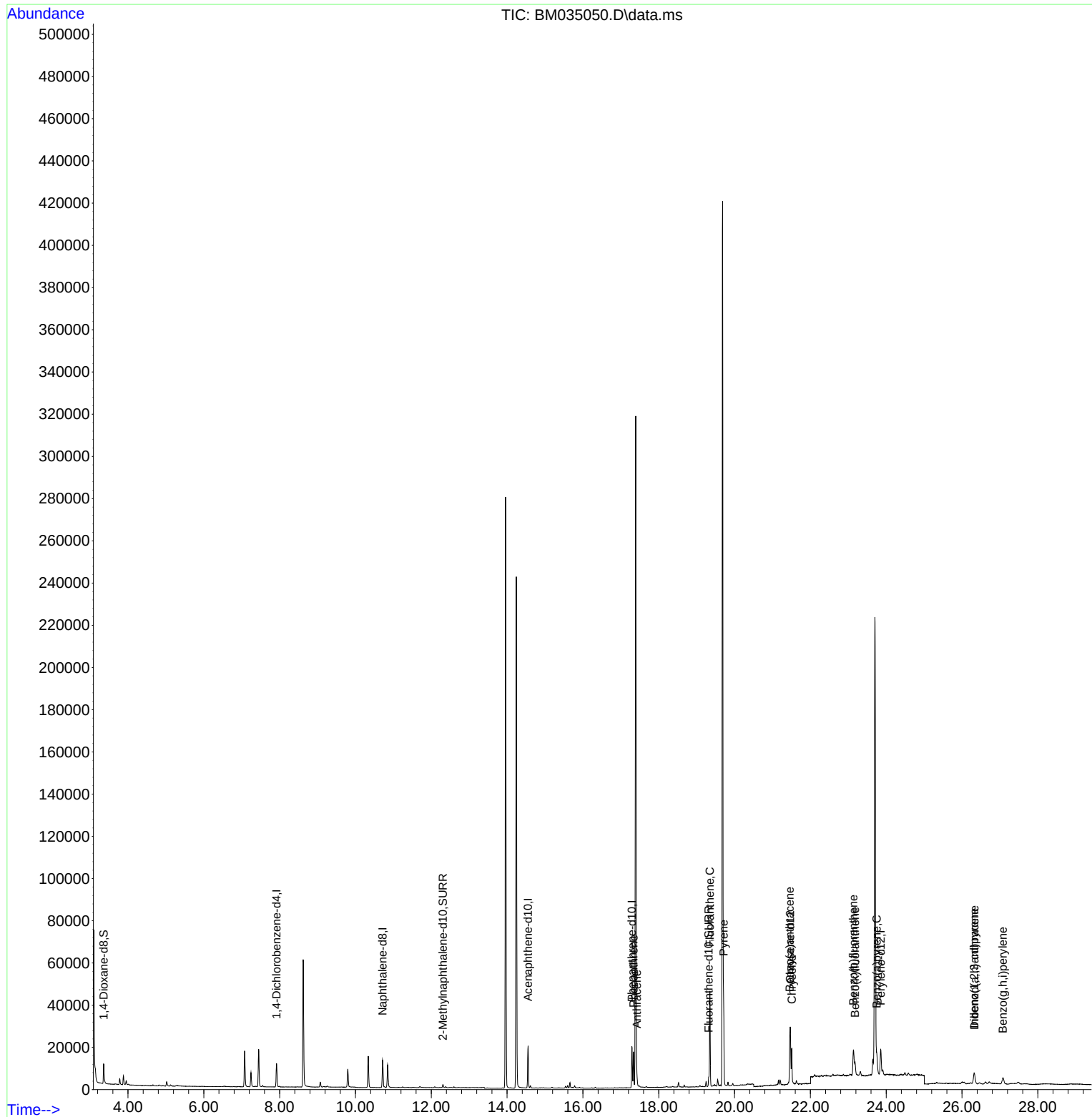
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035050.D
Acq On : 14 May 2022 05:18
Operator : CG/JU
Sample : N2603-16DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

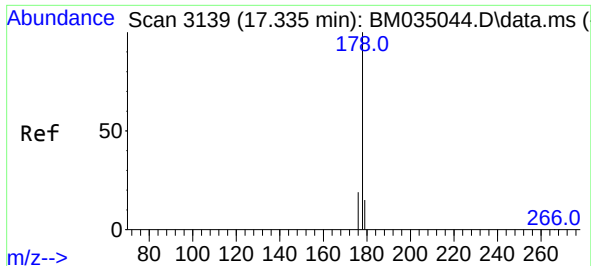
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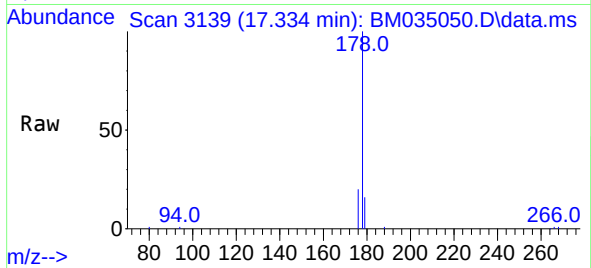
Quant Time: May 14 06:29:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.201 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

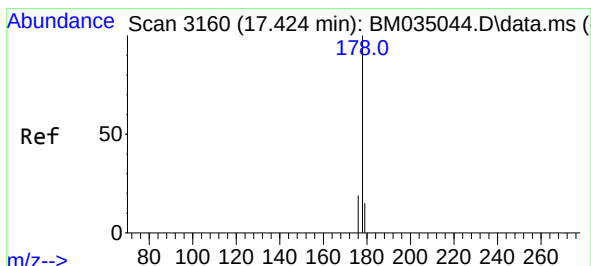
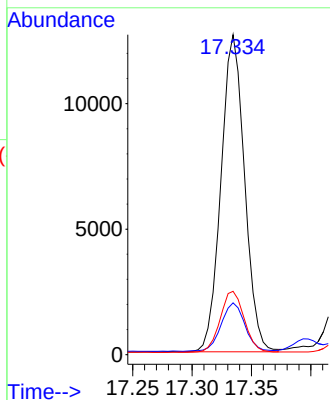
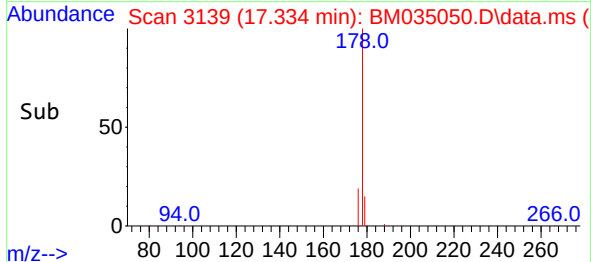
Instrument :
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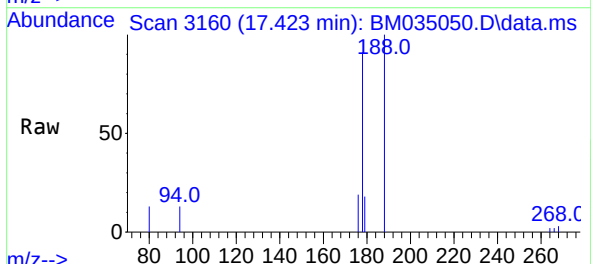
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Ion Ratio Lower Upper
178 100
179 16.2 15.0 22.6
176 19.8 17.9 26.9

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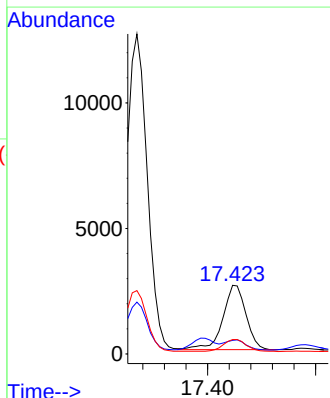
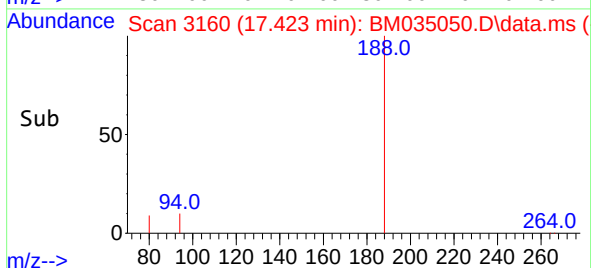
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

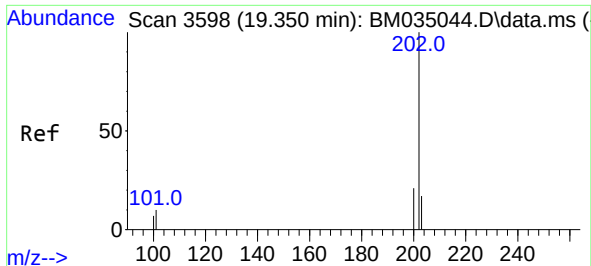


#16
Anthracene
Concen: 0.048 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18



Tgt Ion:178 Resp: 3821
Ion Ratio Lower Upper
178 100
179 19.8 16.5 24.7
176 21.1 18.3 27.5





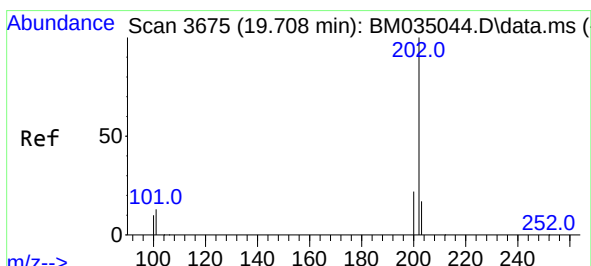
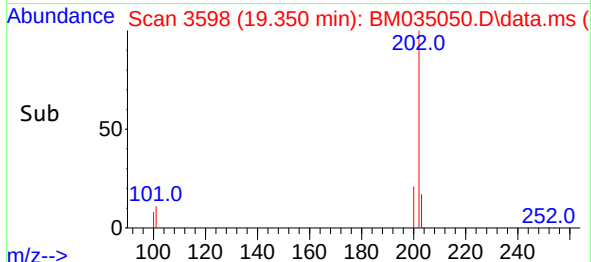
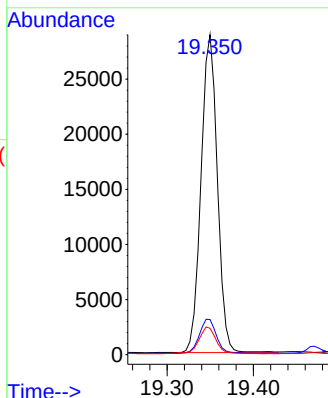
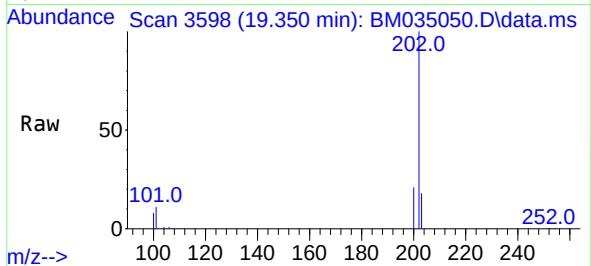
#19
Fluoranthene
Concen: 0.349 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

Instrument :
BNA_M
ClientSampleId :
EW496DL

Tgt Ion:202 Resp: 3796
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.3 7.2 10.8

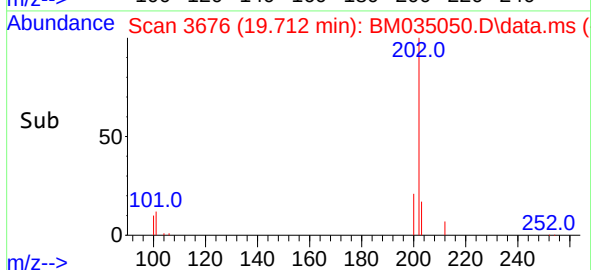
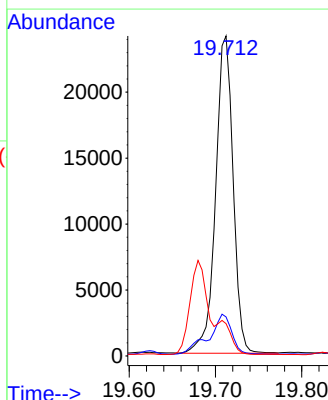
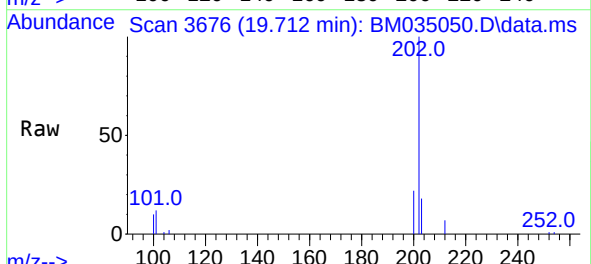
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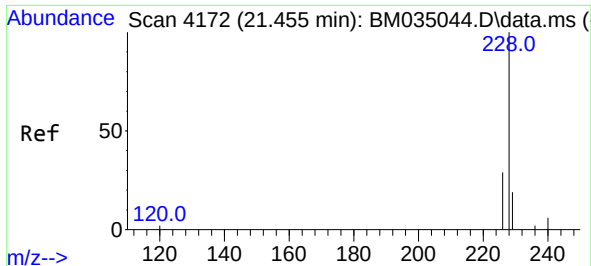
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 0.308 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

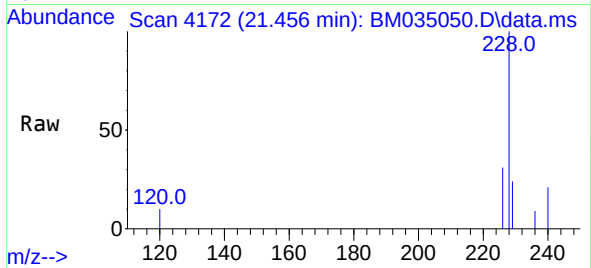
Tgt Ion:202 Resp: 33998
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.1 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.181 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

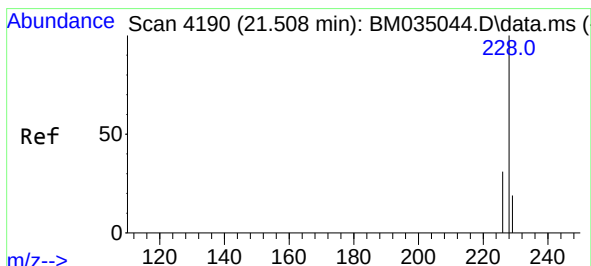
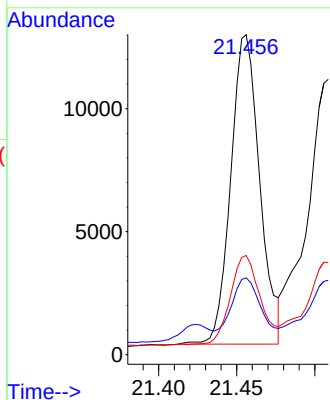
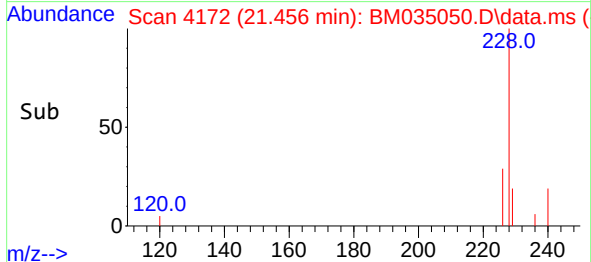
Instrument :
BNA_M
ClientSampleId :
EW496DL



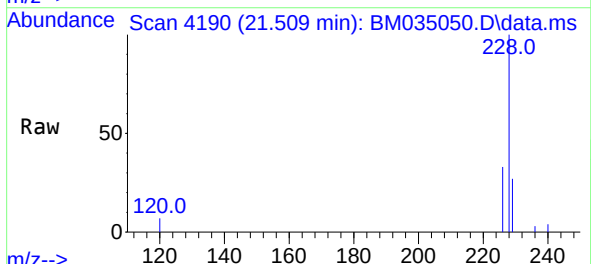
Tgt Ion:228 Resp: 16229
Ion Ratio Lower Upper
228 100
229 24.0 17.3 25.9
226 31.0 23.2 34.8

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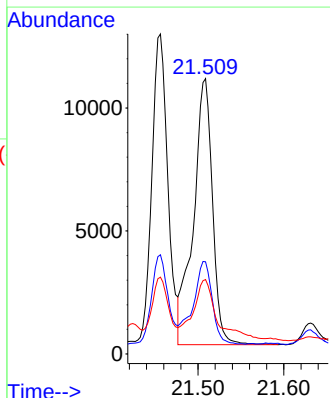
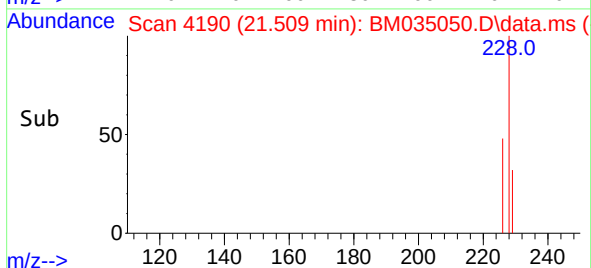
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

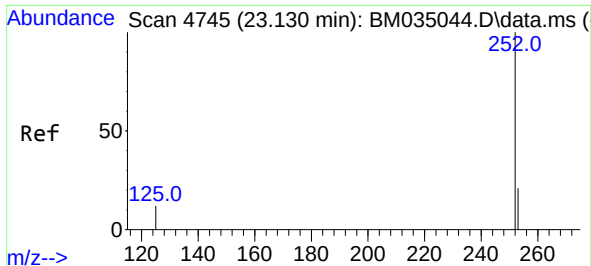


#22
Chrysene
Concen: 0.179 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18



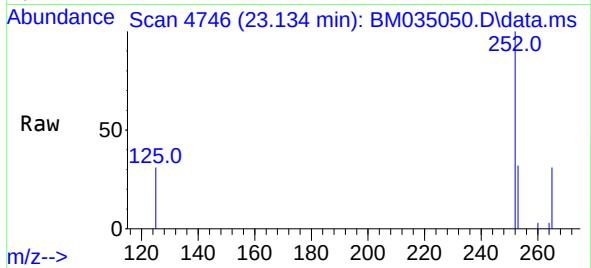
Tgt Ion:228 Resp: 16714
Ion Ratio Lower Upper
228 100
226 33.5 25.8 38.8
229 27.0 16.7 25.1#





#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul
RT: 23.134 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

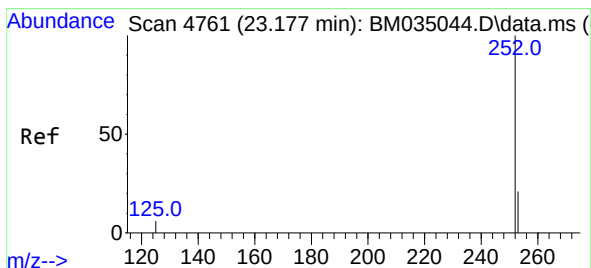
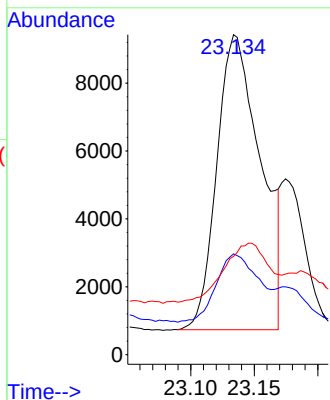
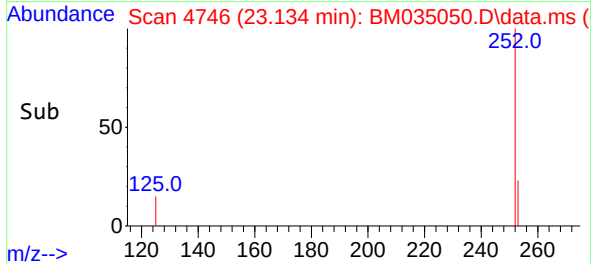
Instrument :
BNA_M
ClientSampleId :
EW496DL



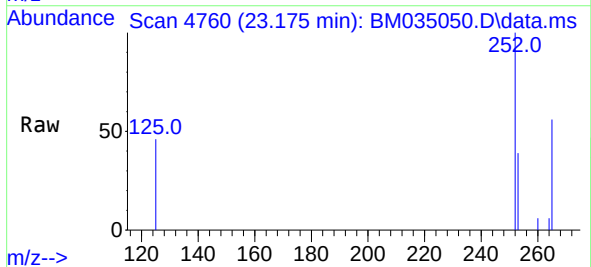
Tgt Ion:252 Resp: 20830
Ion Ratio Lower Upper
252 100
253 31.5 0.0 64.2
125 30.7 0.0 28.8

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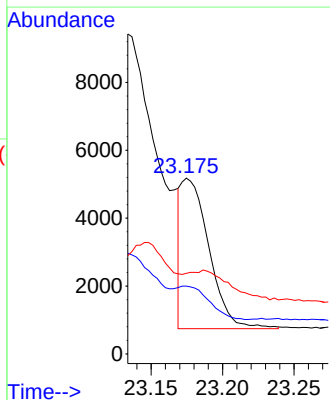
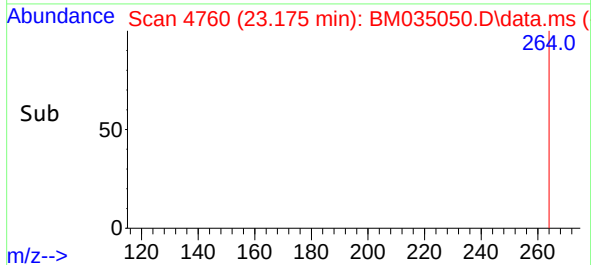
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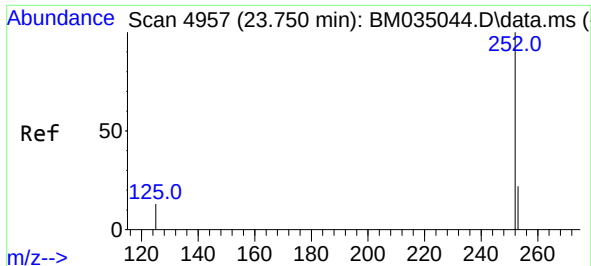


#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 23.175 min Scan# 4760
Delta R.T. -0.006 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18



Tgt Ion:252 Resp: 6000
Ion Ratio Lower Upper
252 100
253 38.6 26.8 40.2
125 45.9 12.0 18.0





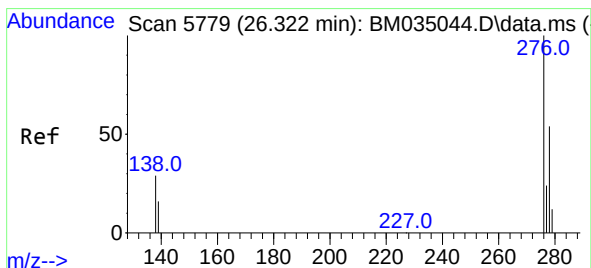
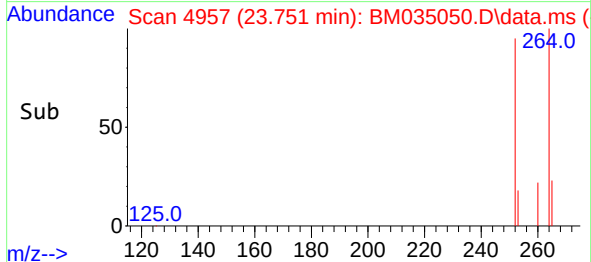
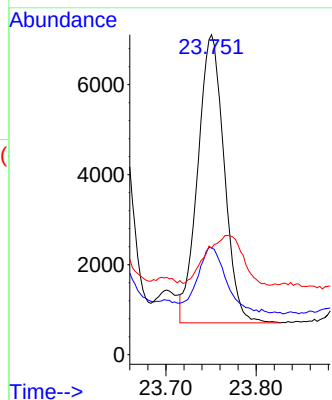
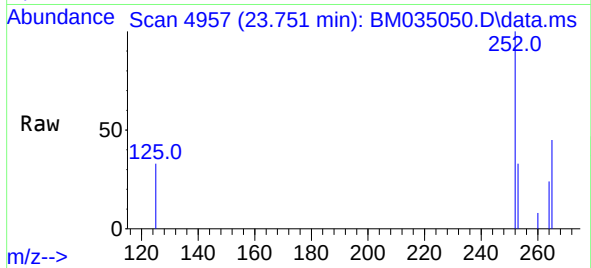
#26
Benzo(a)pyrene
Concen: 0.163 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. 0.000 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

Instrument :
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ClientSampleId :
EW496DL

Tgt Ion:252 Resp: 12964
Ion Ratio Lower Upper
252 100
253 33.4 32.0 48.0
125 33.3 14.5 21.7

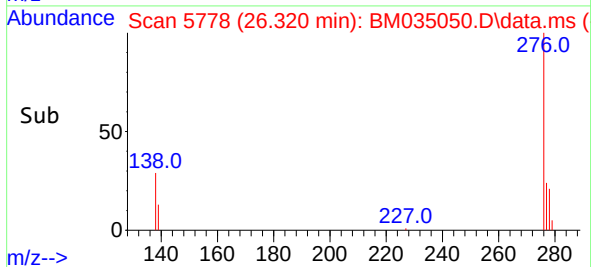
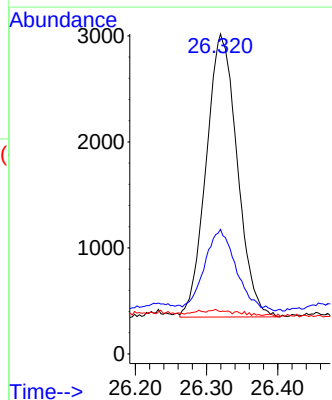
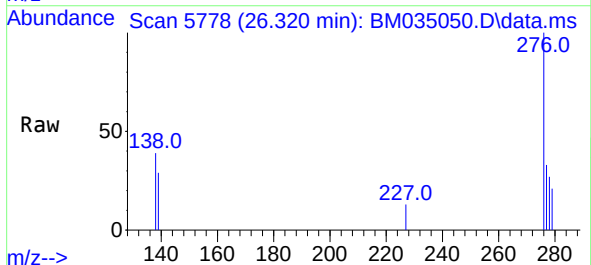
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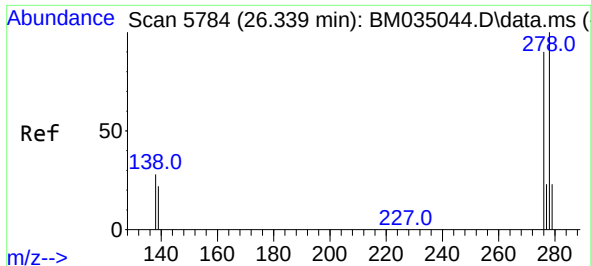
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

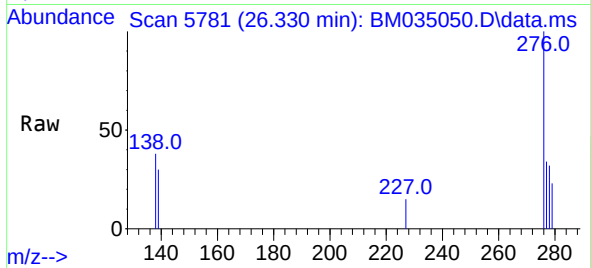
Tgt Ion:276 Resp: 8081
Ion Ratio Lower Upper
276 100
138 29.6 15.8 23.6#
227 0.8 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.330 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18

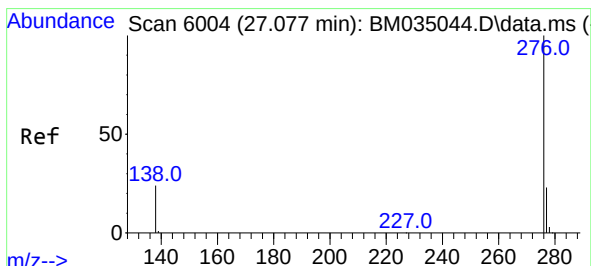
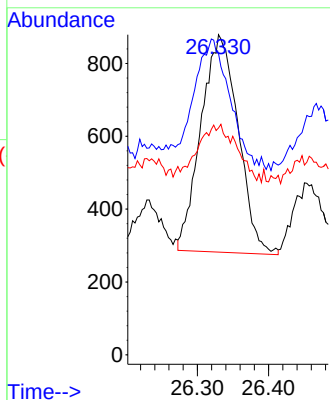
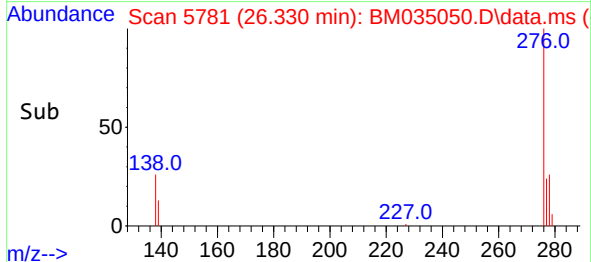
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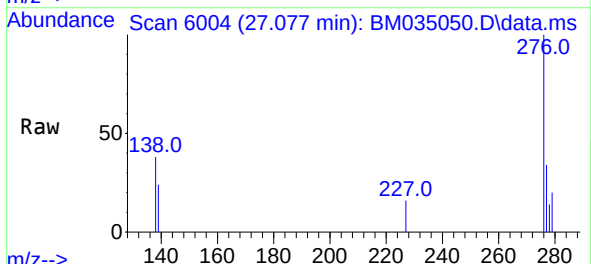
Tgt Ion: 278 Resp: 2170
Ion Ratio Lower Upper
278 100
139 94.1 18.0 27.0
279 70.9 28.6 42.8

Manual Integrations
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Reviewed By : Jagrut Upadhyay 05/16/2022
Supervised By : Yogesh Patel 05/17/2022



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 27.077 min Scan# 6004
Delta R.T. -0.003 min
Lab File: BM035050.D
Acq: 14 May 2022 05:18



Tgt Ion: 276 Resp: 6594
Ion Ratio Lower Upper
276 100
138 38.0 17.4 26.0
277 33.8 22.6 33.8

