

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035039.D
 Acq On : 13 May 2022 22:04
 Operator : CG/JU
 Sample : N2603-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW488

Manual Integrations
 APPROVED

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

Quant Time: May 13 23:13:21 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	4168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	13537	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	9253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	19868	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	14954	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	14751	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	23674	4.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6586	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	15847	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	2145	0.048	ng/ul	97
7) 2-Methylnaphthalene	12.382	142	1460	0.050	ng/ul	98
8) 1-Methylnaphthalene	12.602	142	1141	0.042	ng/ul	99
15) Phenanthrene	17.334	178	7489	0.099	ng/ul	97
19) Fluoranthene	19.350	202	13259	0.158	ng/ul	95
20) Pyrene	19.712	202	11203m	0.131	ng/ul	
21) Benzo(a)anthracene	21.456	228	4930	0.071	ng/ul	97
22) Chrysene	21.509	228	6240	0.087	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	8925	0.115	ng/ul#	84
25) Benzo(k)fluoranthene	23.174	252	2728m	0.037	ng/ul	
26) Benzo(a)pyrene	23.750	252	5318	0.076	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.319	276	3790	0.054	ng/ul#	63
29) Benzo(g,h,i)perylene	27.074	276	2885	0.048	ng/ul#	82

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

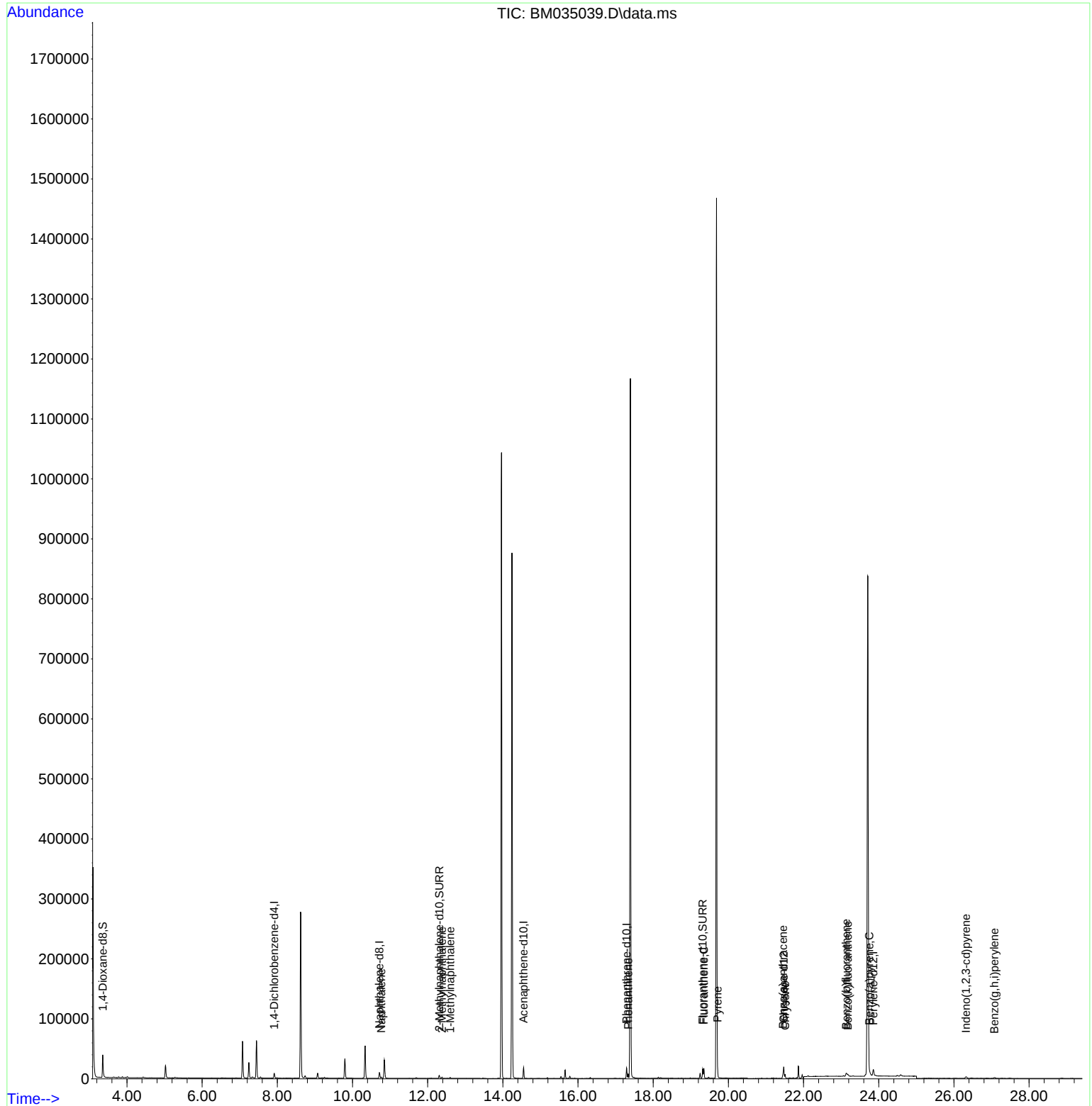
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035039.D
Acq On : 13 May 2022 22:04
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Sample : N2603-07
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ALS Vial : 13 Sample Multiplier: 1

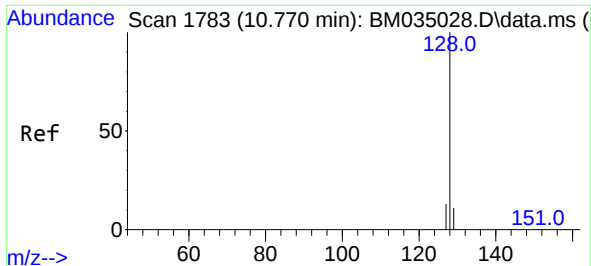
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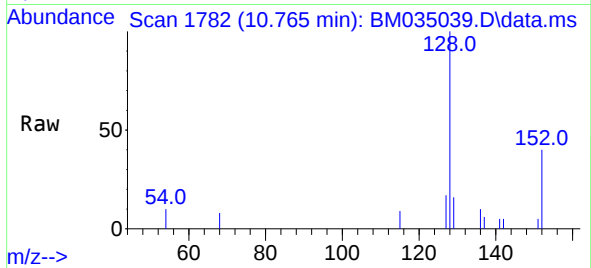
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
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#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

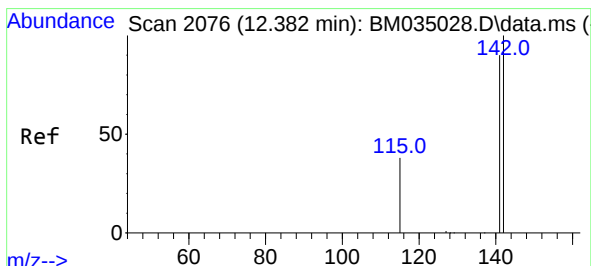
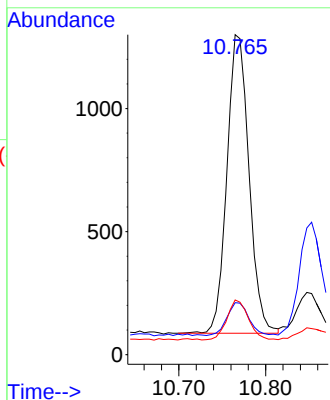
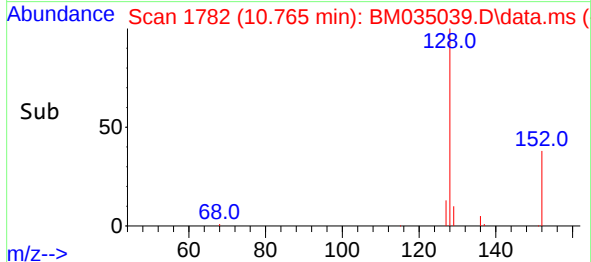
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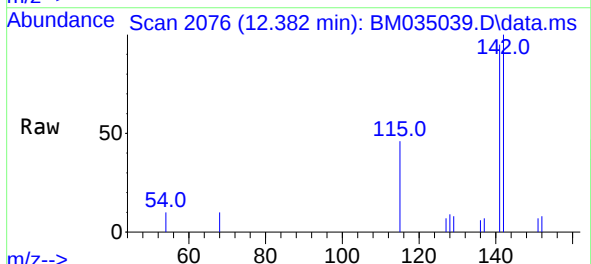
Tgt Ion:128 Resp: 2145
Ion Ratio Lower Upper
128 100
129 16.2 13.4 20.2
127 17.1 15.2 22.8

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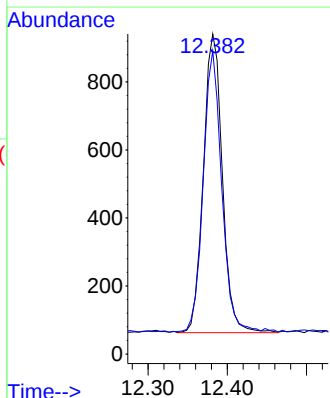
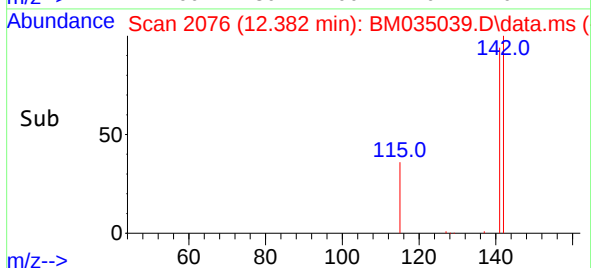
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

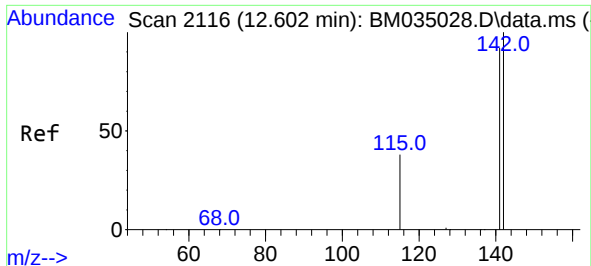


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04



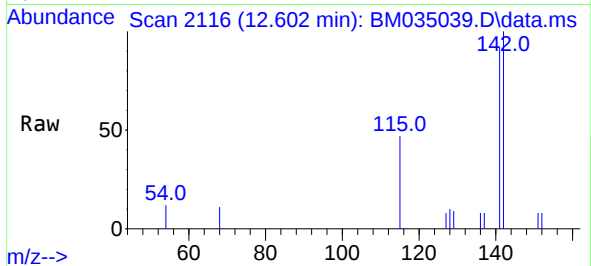
Tgt Ion:142 Resp: 1460
Ion Ratio Lower Upper
142 100
141 91.8 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

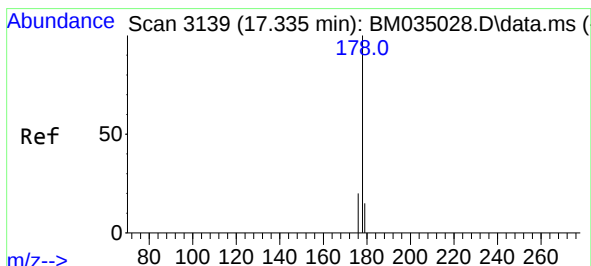
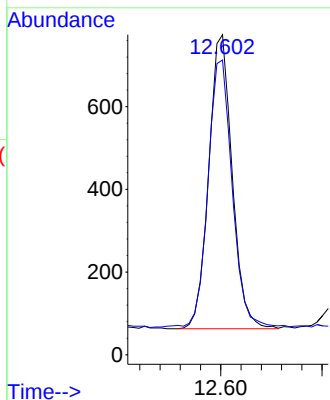
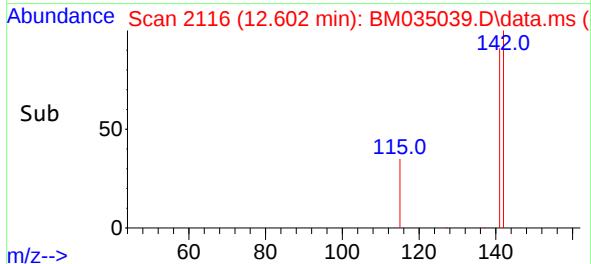
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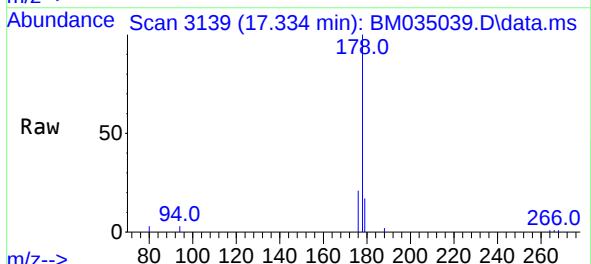
Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
141 94.4 75.0 112.4

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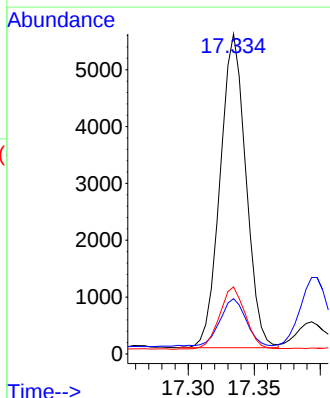
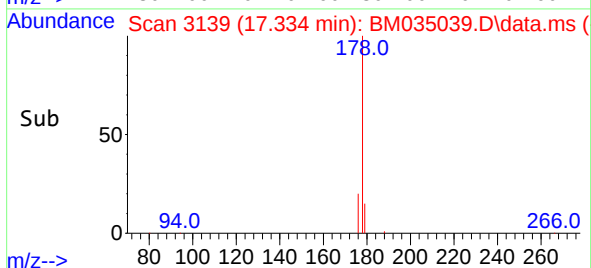
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

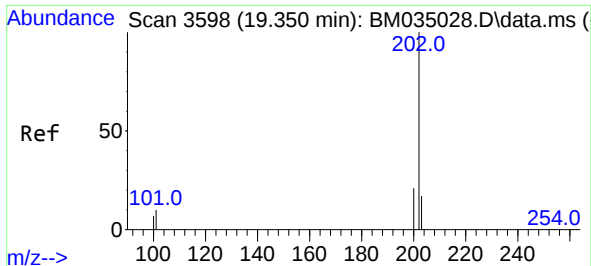


#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04



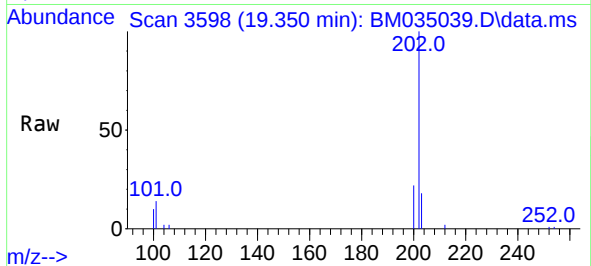
Tgt Ion:178 Resp: 7489
Ion Ratio Lower Upper
178 100
179 17.3 15.0 22.6
176 21.0 17.9 26.9





#19
Fluoranthene
Concen: 0.158 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

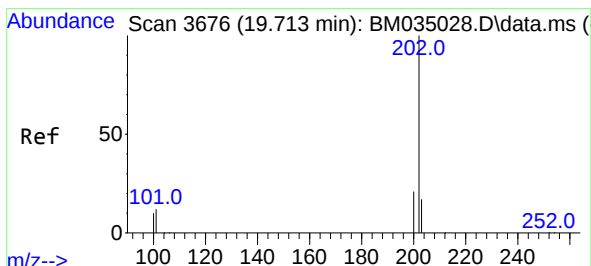
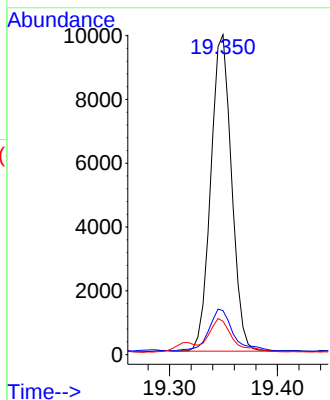
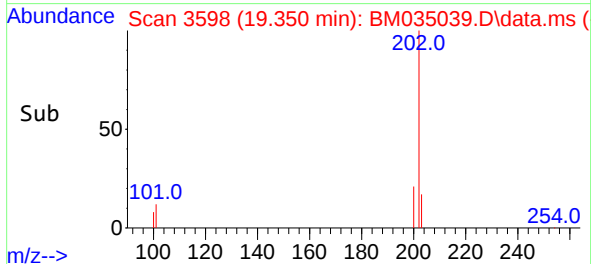
Instrument :
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ClientSampleId :
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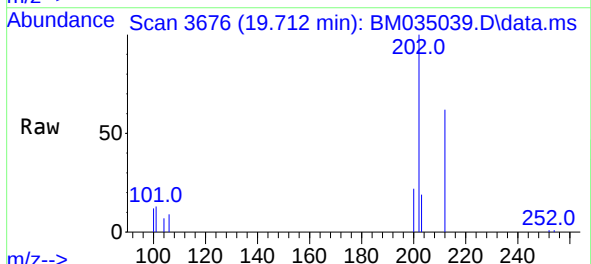
Tgt Ion:202 Resp: 1325
Ion Ratio Lower Upper
202 100
101 13.8 9.2 13.8
100 10.4 7.2 10.8

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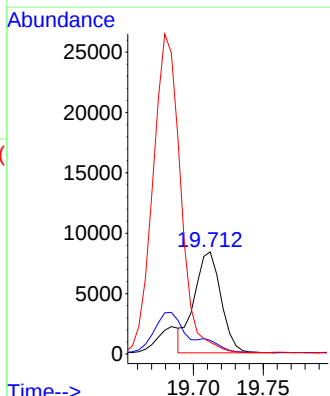
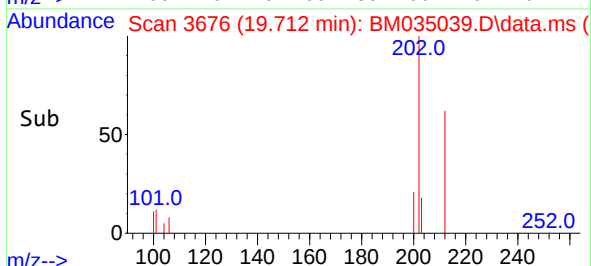
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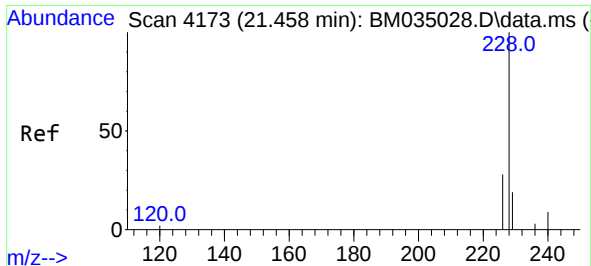


#20
Pyrene
Concen: 0.131 ng/u1 m
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04



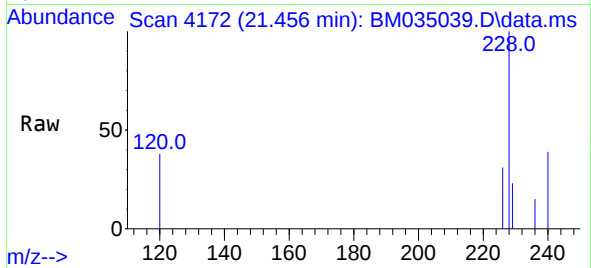
Tgt Ion:202 Resp: 11203
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 11.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.071 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

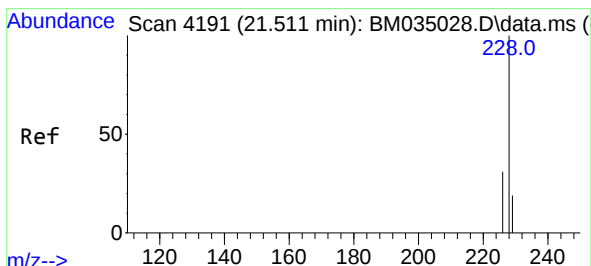
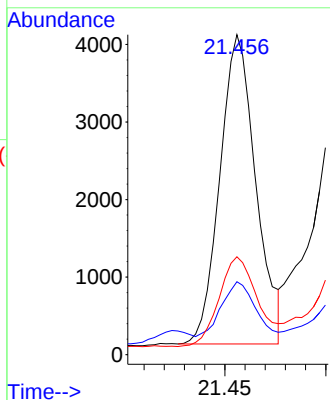
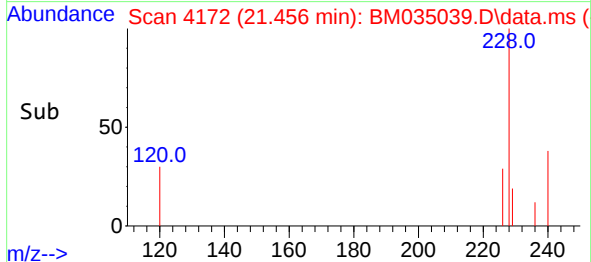
Instrument :
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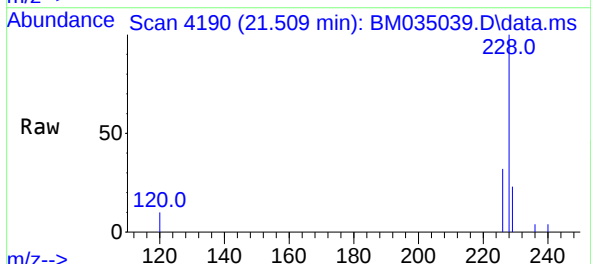
Tgt Ion:228 Resp: 4930
Ion Ratio Lower Upper
228 100
229 22.8 17.3 25.9
226 30.6 23.2 34.8

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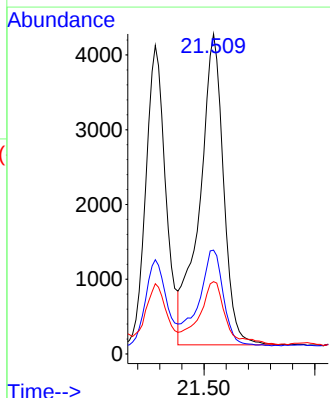
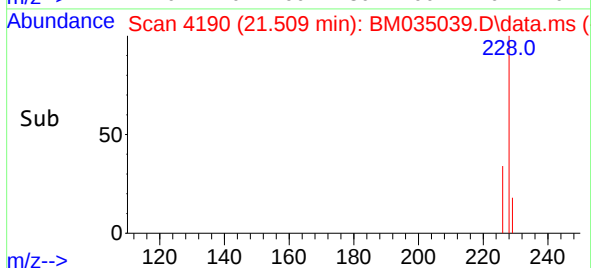
Reviewed By :Jagrut Upadhyay 05/16/2022
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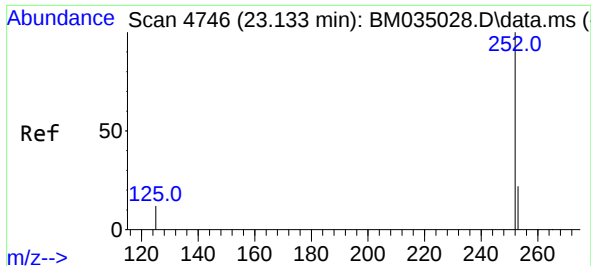


#22
Chrysene
Concen: 0.087 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04



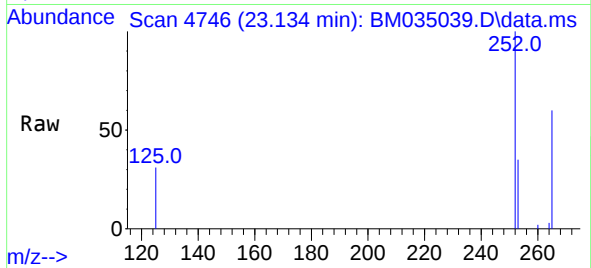
Tgt Ion:228 Resp: 6240
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 22.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.115 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

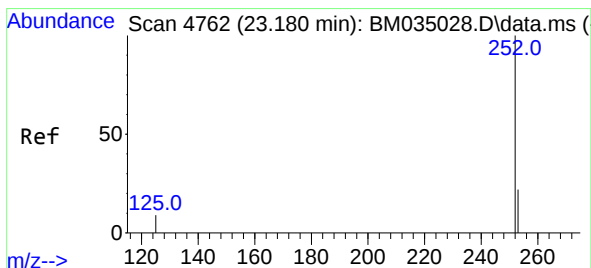
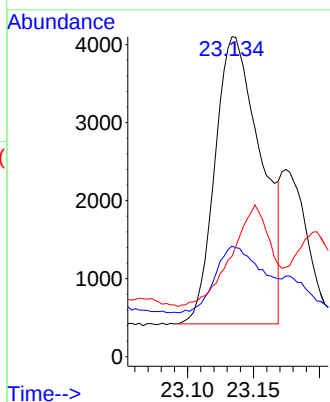
Instrument :
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ClientSampleId :
EW488



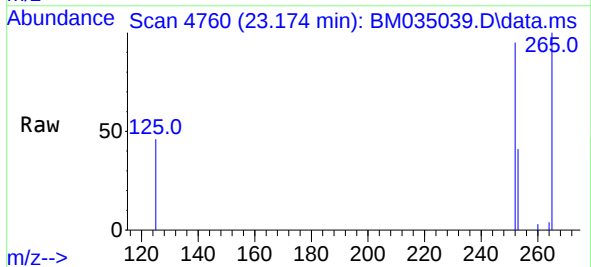
Tgt Ion:252 Resp: 8925
Ion Ratio Lower Upper
252 100
253 34.6 0.0 64.2
125 31.4 0.0 28.8

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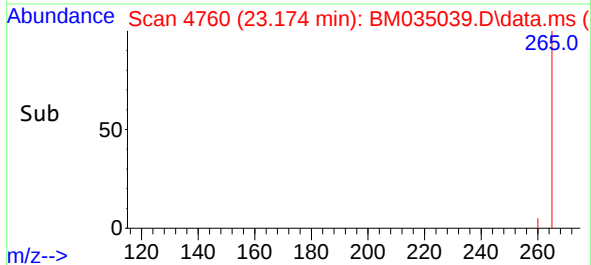
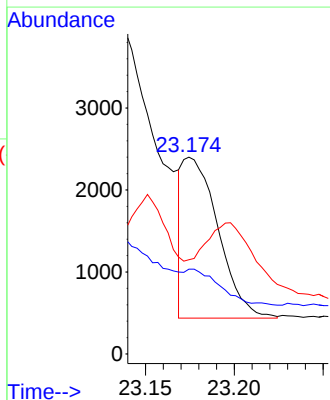
Reviewed By :Jagrut Upadhyay 05/16/2022
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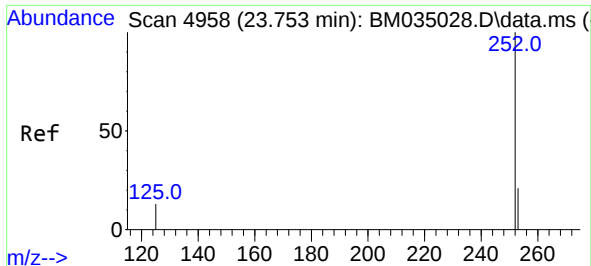


#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. -0.006 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04



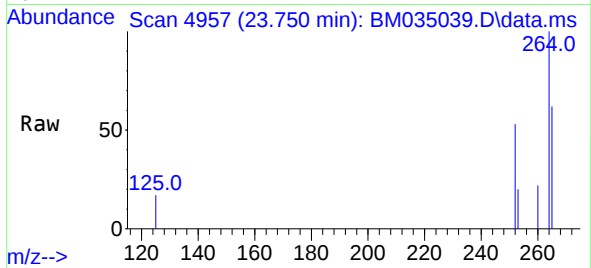
Tgt Ion:252 Resp: 2728
Ion Ratio Lower Upper
252 100
253 43.1 26.8 40.2#
125 47.9 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.076 ng/u1
RT: 23.750 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

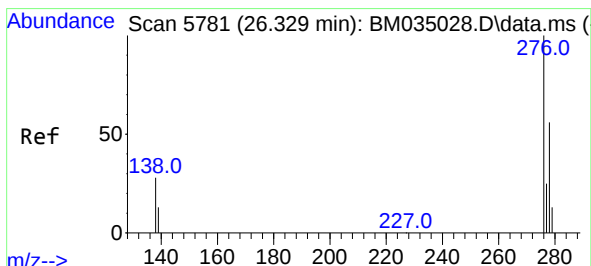
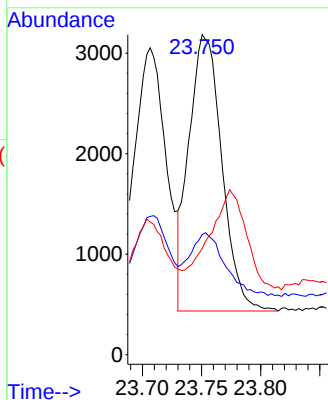
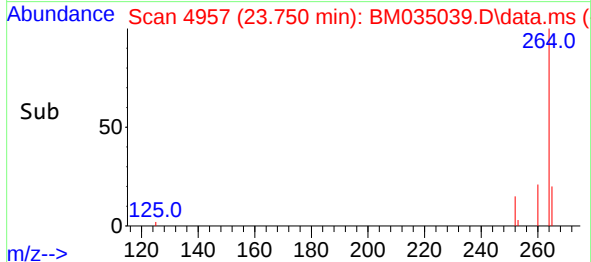
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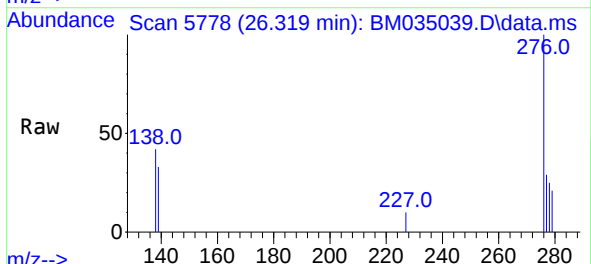
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Ion Ratio Lower Upper
252 100
253 37.5 32.0 48.0
125 33.1 14.5 21.7

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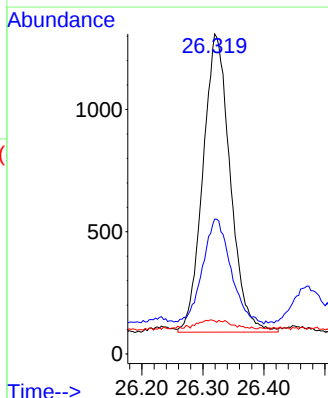
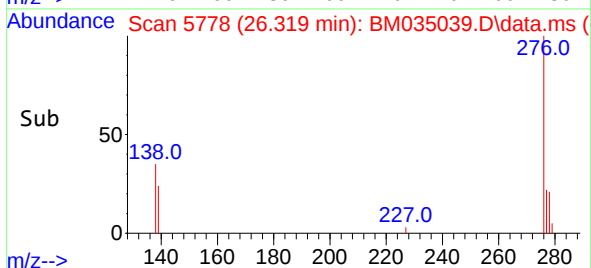
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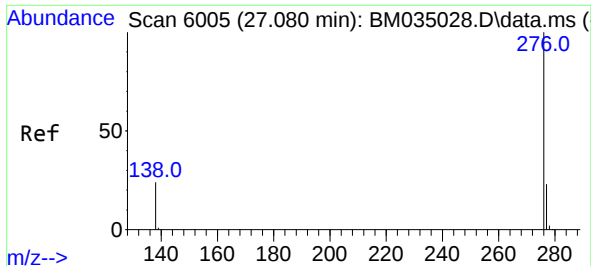


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/u1
RT: 26.319 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04



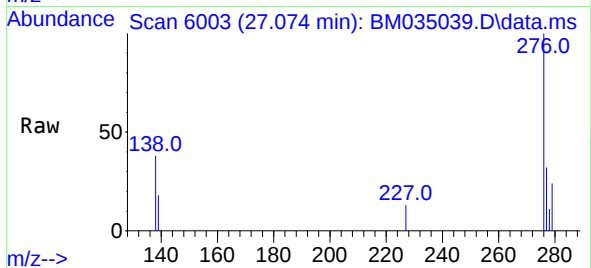
Tgt Ion:276 Resp: 3790
Ion Ratio Lower Upper
276 100
138 36.7 15.8 23.6#
227 3.7 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.074 min Scan# 6003
Delta R.T. -0.007 min
Lab File: BM035039.D
Acq: 13 May 2022 22:04

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 288
Ion Ratio Lower Upper
276 100
138 37.8 17.4 26.0
277 31.5 22.6 33.8

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