

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035034.D
 Acq On : 13 May 2022 19:03
 Operator : CG/JU
 Sample : N2562-07DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW468DL

Manual Integrations
 APPROVED

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

Quant Time: May 13 23:12:44 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	7.921	152	4735	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	15200	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	9419	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	19445	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	15382	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	14539	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2659	0.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	664	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	1543	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.613	153	895	0.022	ng/ul	92
15) Phenanthrene	17.335	178	26325	0.355	ng/ul	94
16) Anthracene	17.428	178	6305	0.093	ng/ul	93
19) Fluoranthene	19.350	202	66909	0.775	ng/ul	98
20) Pyrene	19.708	202	58637	0.668	ng/ul	96
21) Benzo(a)anthracene	21.455	228	28888	0.406	ng/ul	99
22) Chrysene	21.508	228	28762	0.388	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	37880m	0.497	ng/ul	
25) Benzo(k)fluoranthene	23.176	252	12279m	0.169	ng/ul	
26) Benzo(a)pyrene	23.749	252	21704	0.313	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.325	276	13529	0.197	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.335	278	3414	0.063	ng/ul#	52
29) Benzo(g,h,i)perylene	27.080	276	10610	0.180	ng/ul#	92

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

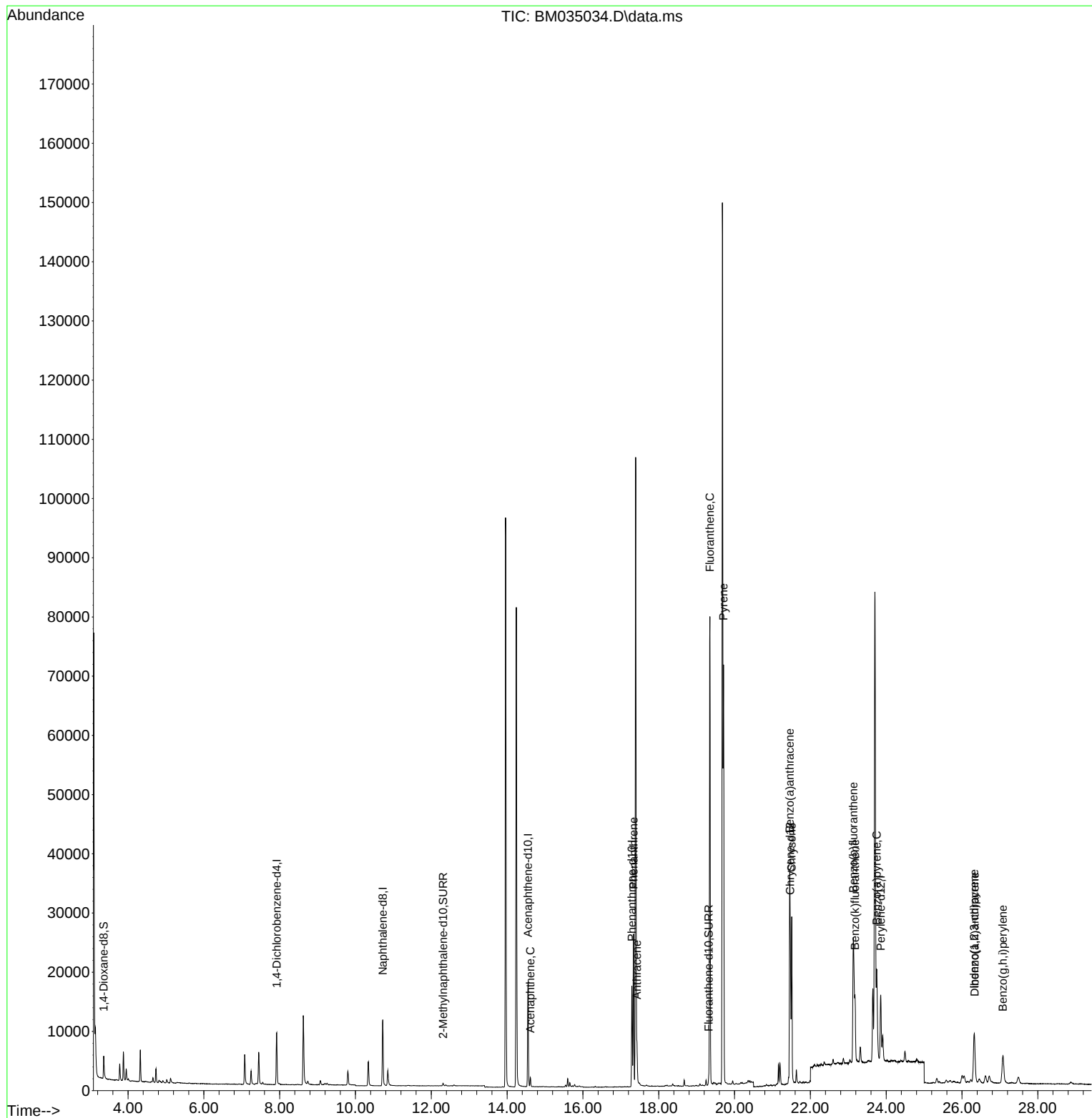
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035034.D
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Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

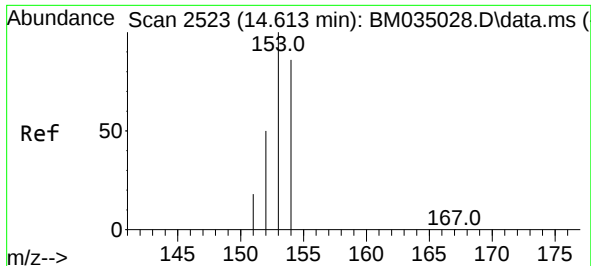
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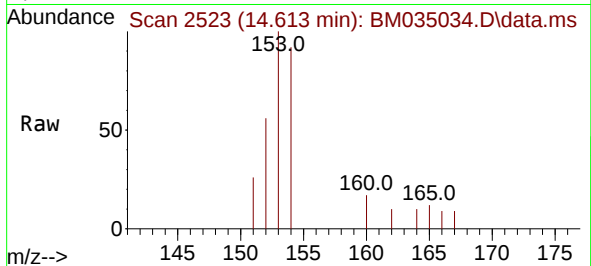
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.613 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03

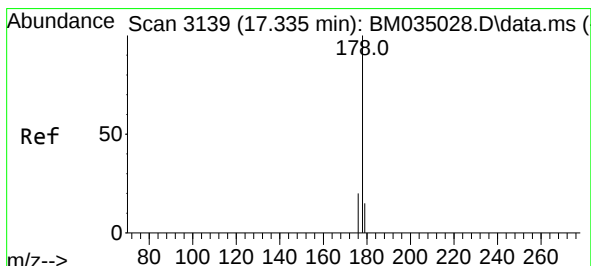
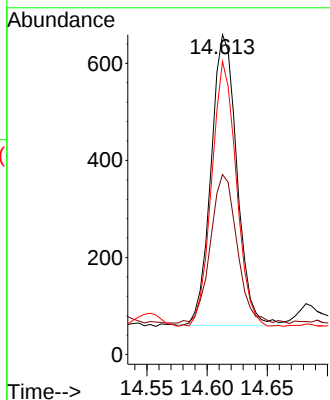
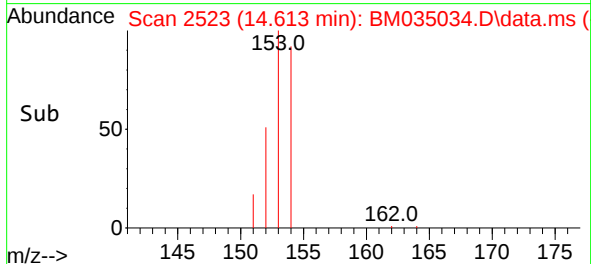
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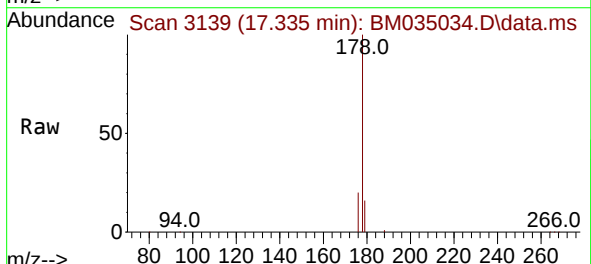
Tgt Ion:153 Resp: 89
Ion Ratio Lower Upper
153 100
152 56.3 42.4 63.6
154 91.7 66.2 99.2

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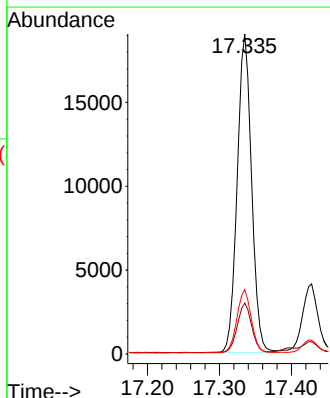
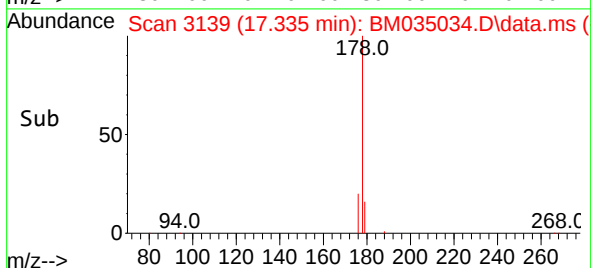
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

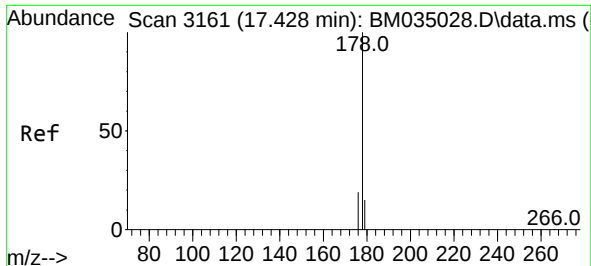


#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03



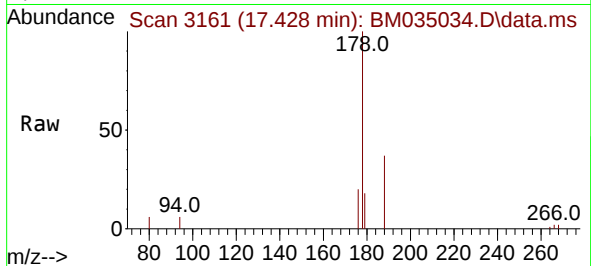
Tgt Ion:178 Resp: 26325
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 20.1 17.9 26.9





#16
 Anthracene
 Concen: 0.093 ng/u1
 RT: 17.428 min Scan# 3161
 Delta R.T. 0.001 min
 Lab File: BM035034.D
 Acq: 13 May 2022 19:03

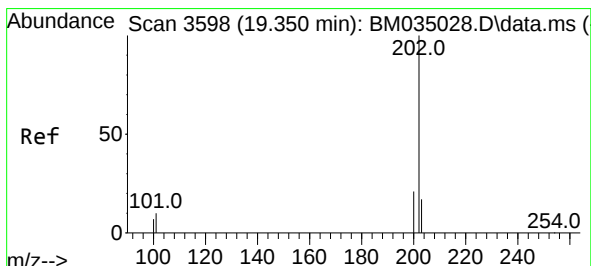
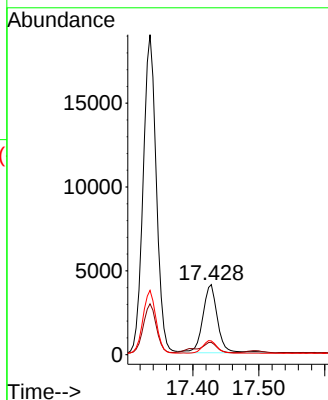
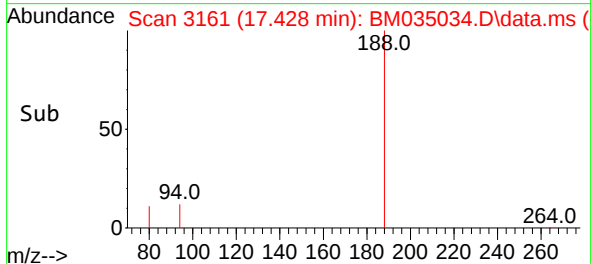
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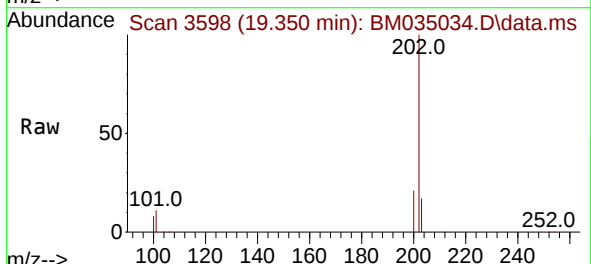
Tgt Ion:178 Resp: 6309
 Ion Ratio Lower Upper
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 179 17.5 16.5 24.7
 176 19.6 18.3 27.5

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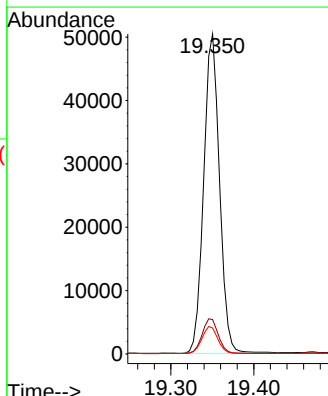
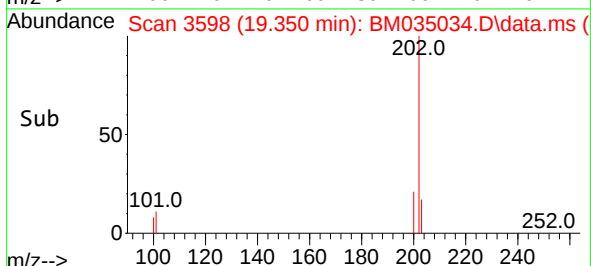
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

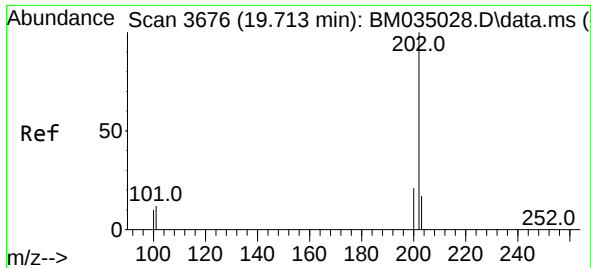


#19
 Fluoranthene
 Concen: 0.775 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. 0.001 min
 Lab File: BM035034.D
 Acq: 13 May 2022 19:03



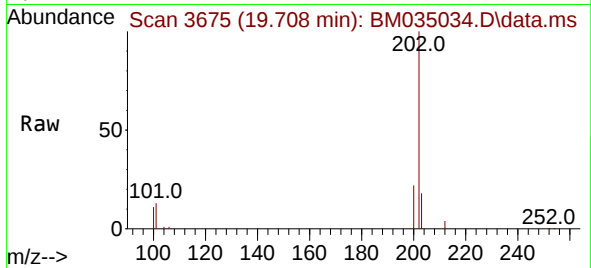
Tgt Ion:202 Resp: 66909
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.2 13.8
 100 8.1 7.2 10.8





#20
Pyrene
Concen: 0.668 ng/u1
RT: 19.708 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03

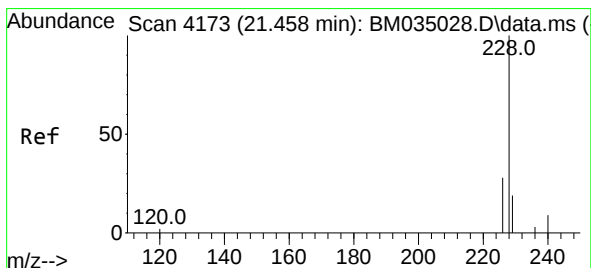
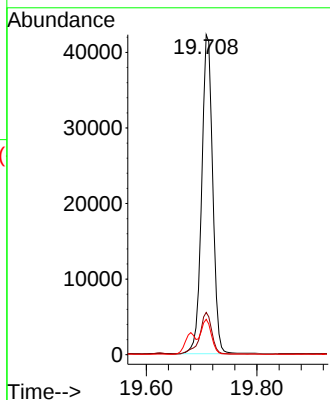
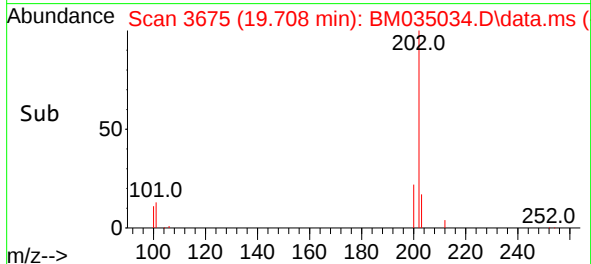
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Tgt Ion:202 Resp: 5863
Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 11.1 7.8 11.6

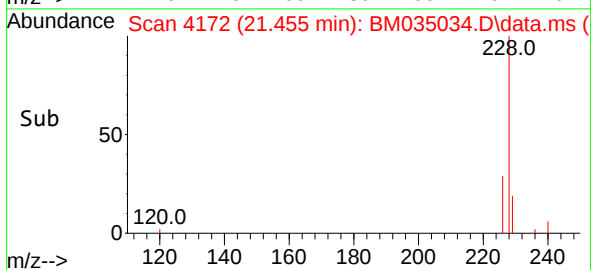
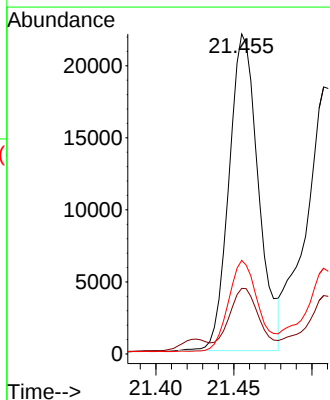
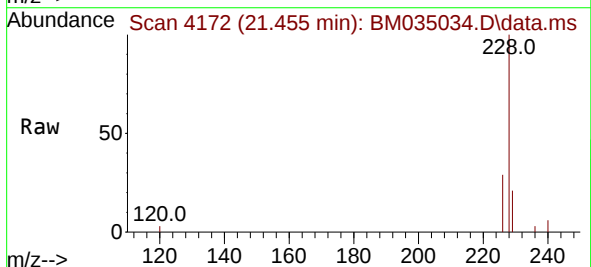
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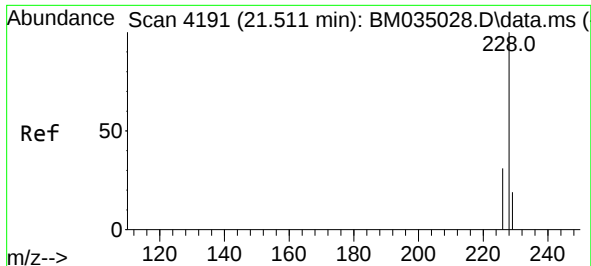
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#21
Benzo(a)anthracene
Concen: 0.406 ng/u1
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03

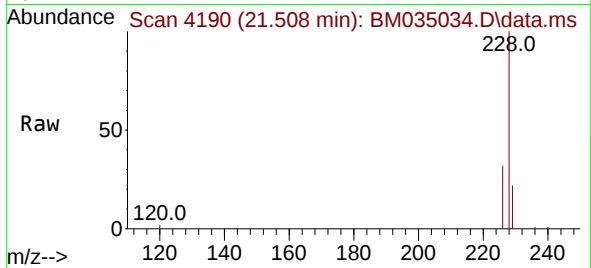
Tgt Ion:228 Resp: 28888
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 29.3 23.2 34.8





#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.508 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03

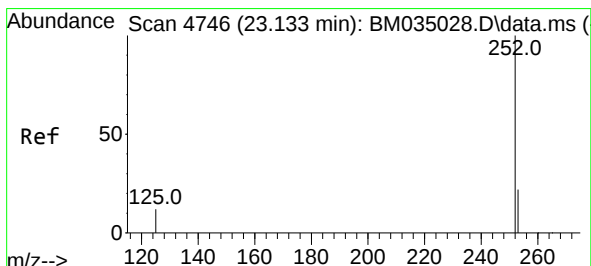
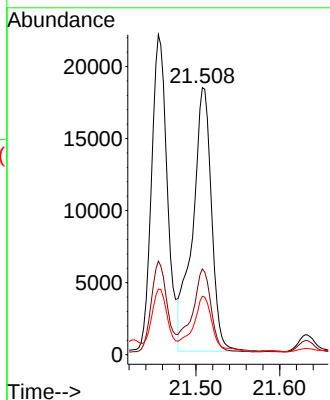
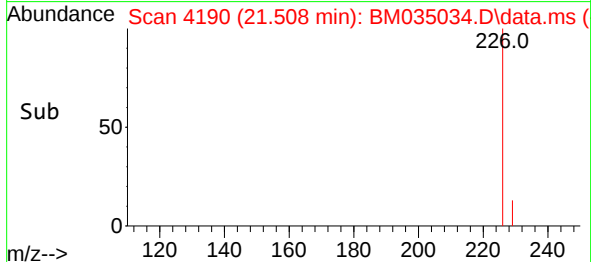
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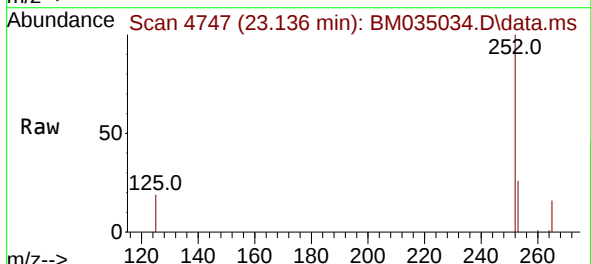
Tgt Ion:228 Resp: 28762
Ion Ratio Lower Upper
228 100
226 32.1 25.8 38.8
229 21.9 16.7 25.1

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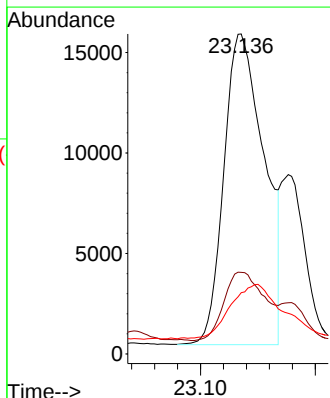
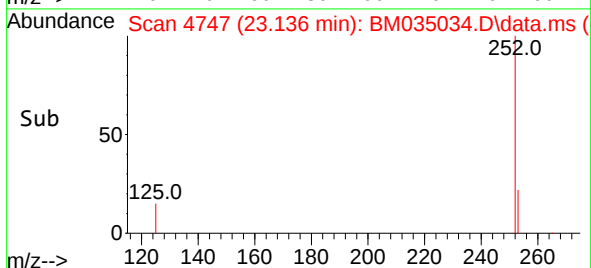
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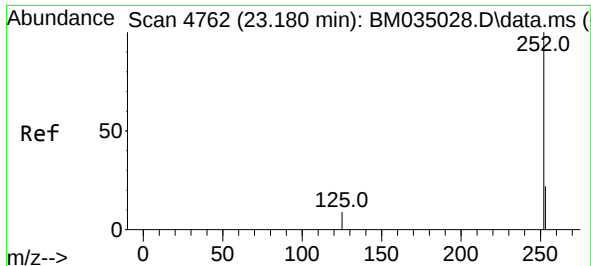


#24
Benzo(b)fluoranthene
Concen: 0.497 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. 0.002 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03



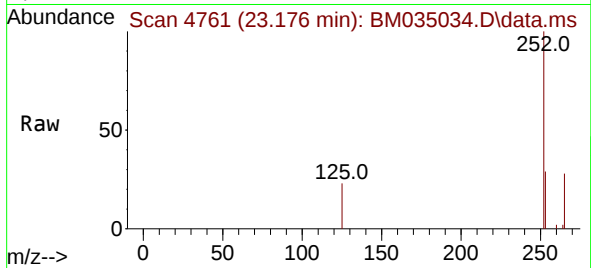
Tgt Ion:252 Resp: 37880
Ion Ratio Lower Upper
252 100
253 25.5 0.0 64.2
125 19.2 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 23.176 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03

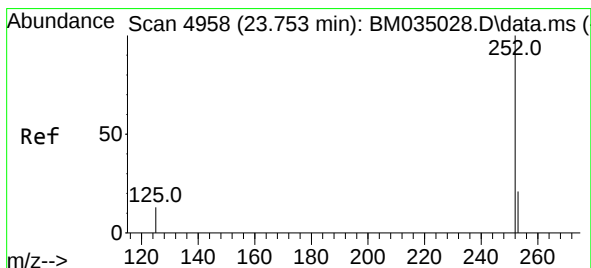
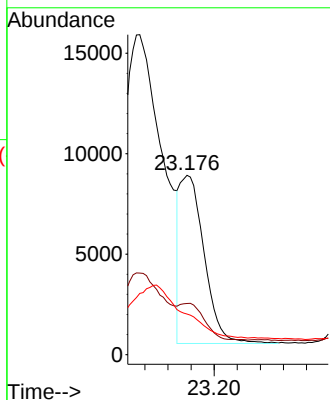
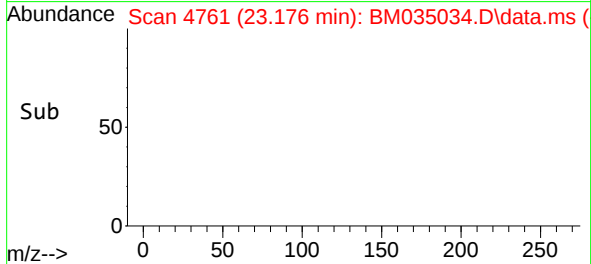
Instrument :
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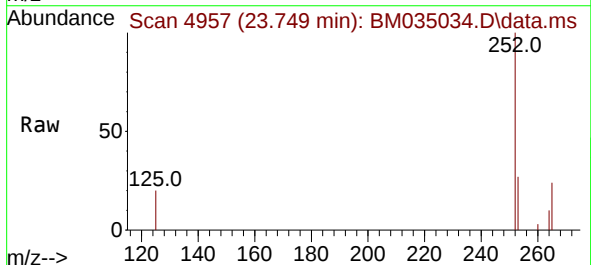
Tgt Ion:252 Resp: 12279
Ion Ratio Lower Upper
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253 28.5 26.8 40.2
125 22.7 12.0 18.0

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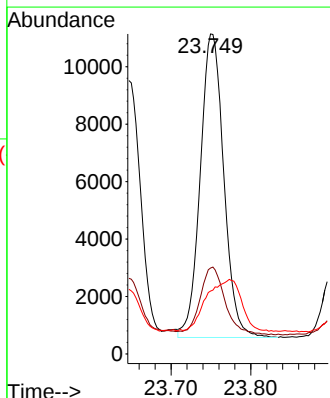
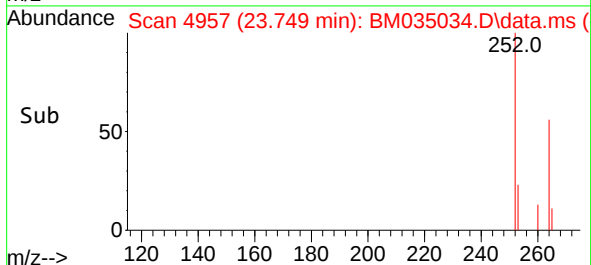
Reviewed By :Jagrut Upadhyay 05/16/2022
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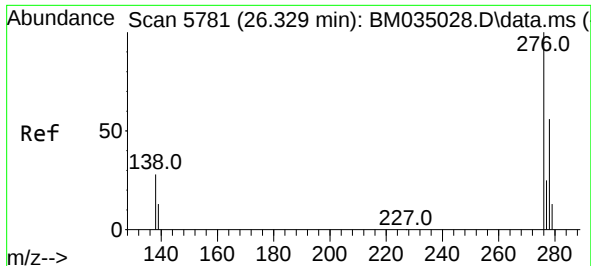


#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.749 min Scan# 4957
Delta R.T. -0.001 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03



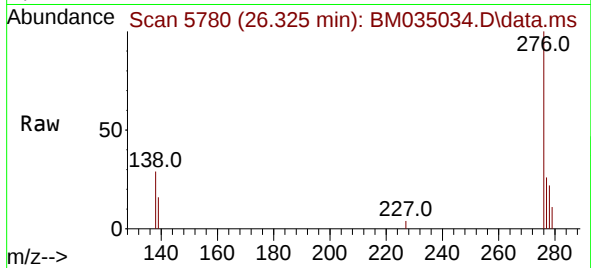
Tgt Ion:252 Resp: 21704
Ion Ratio Lower Upper
252 100
253 26.8 32.0 48.0#
125 19.6 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03

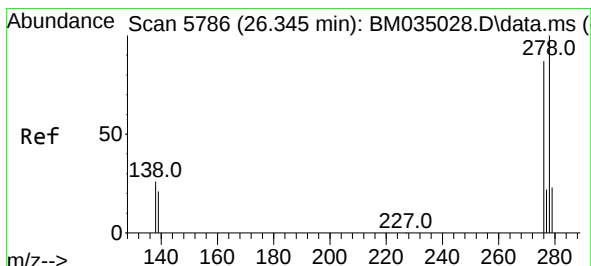
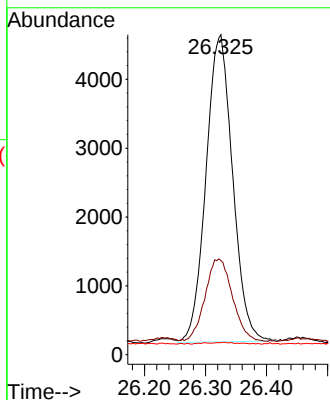
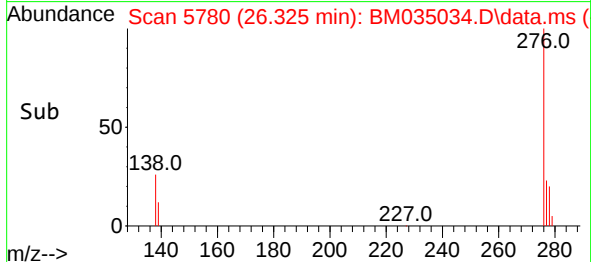
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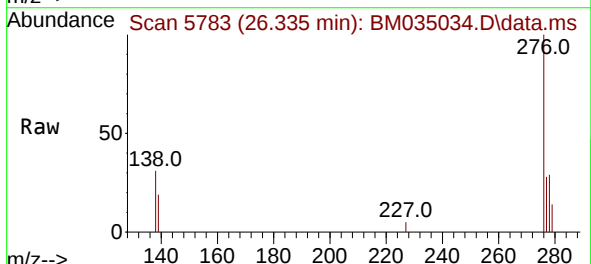
Tgt Ion: 276 Resp: 13529
Ion Ratio Lower Upper
276 100
138 28.1 15.8 23.6
227 0.6 0.0 0.0

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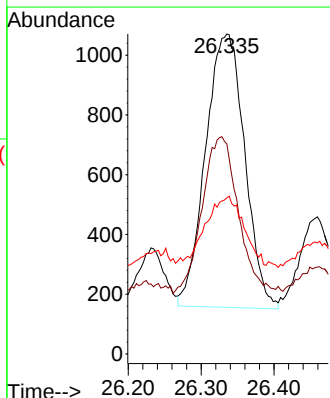
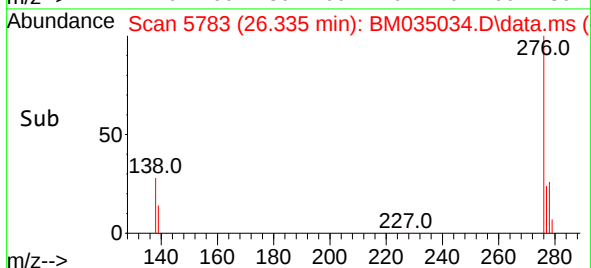
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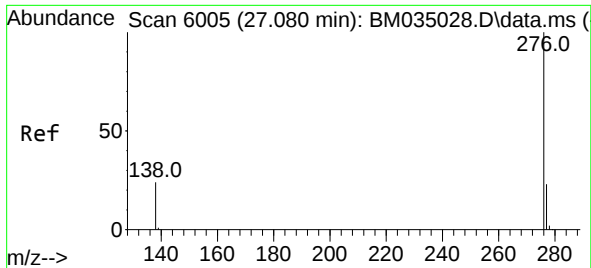


#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. -0.008 min
Lab File: BM035034.D
Acq: 13 May 2022 19:03



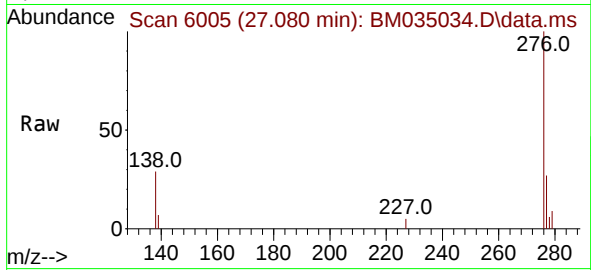
Tgt Ion: 278 Resp: 3414
Ion Ratio Lower Upper
278 100
139 65.6 18.0 27.0#
279 48.7 28.6 42.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.180 ng/ul
 RT: 27.080 min Scan# 6005
 Delta R.T. -0.001 min
 Lab File: BM035034.D
 Acq: 13 May 2022 19:03

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:276 Resp: 10610
 Ion Ratio Lower Upper
 276 100
 138 29.2 17.4 26.0
 277 27.1 22.6 33.8

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 Supervised By :Yogesh Patel 05/17/2022

