

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035033.D
 Acq On : 13 May 2022 18:26
 Operator : CG/JU
 Sample : N2562-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW467DL

Manual Integrations
 APPROVED

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

Quant Time: May 13 23:12:37 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	7.922	152	4958	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	15690	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	9813	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	20660	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	16995	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	15787	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2385	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	660	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	1704	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.771	128	1071	0.021	ng/ul#	96
8) 1-Methylnaphthalene	12.602	142	681	0.022	ng/ul	98
10) Acenaphthylene	14.270	152	10271	0.177	ng/ul#	91
11) Acenaphthene	14.612	153	8352	0.199	ng/ul	97
12) Fluorene	15.598	166	13235	0.270	ng/ul#	97
15) Phenanthrene	17.334	178	384694	4.888	ng/ul	94
16) Anthracene	17.427	178	81500	1.137	ng/ul#	91
19) Fluoranthene	19.349	202	666426	6.982	ng/ul	99
20) Pyrene	19.712	202	529819	5.465	ng/ul	98
21) Benzo(a)anthracene	21.456	228	247859	3.151	ng/ul	98
22) Chrysene	21.508	228	233536	2.854	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	273827m	3.308	ng/ul	
25) Benzo(k)fluoranthene	23.177	252	97118m	1.229	ng/ul	
26) Benzo(a)pyrene	23.750	252	169197	2.247	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.322	276	99084	1.330	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.333	278	24620m	0.415	ng/ul	
29) Benzo(g,h,i)perylene	27.080	276	69767	1.088	ng/ul	92

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

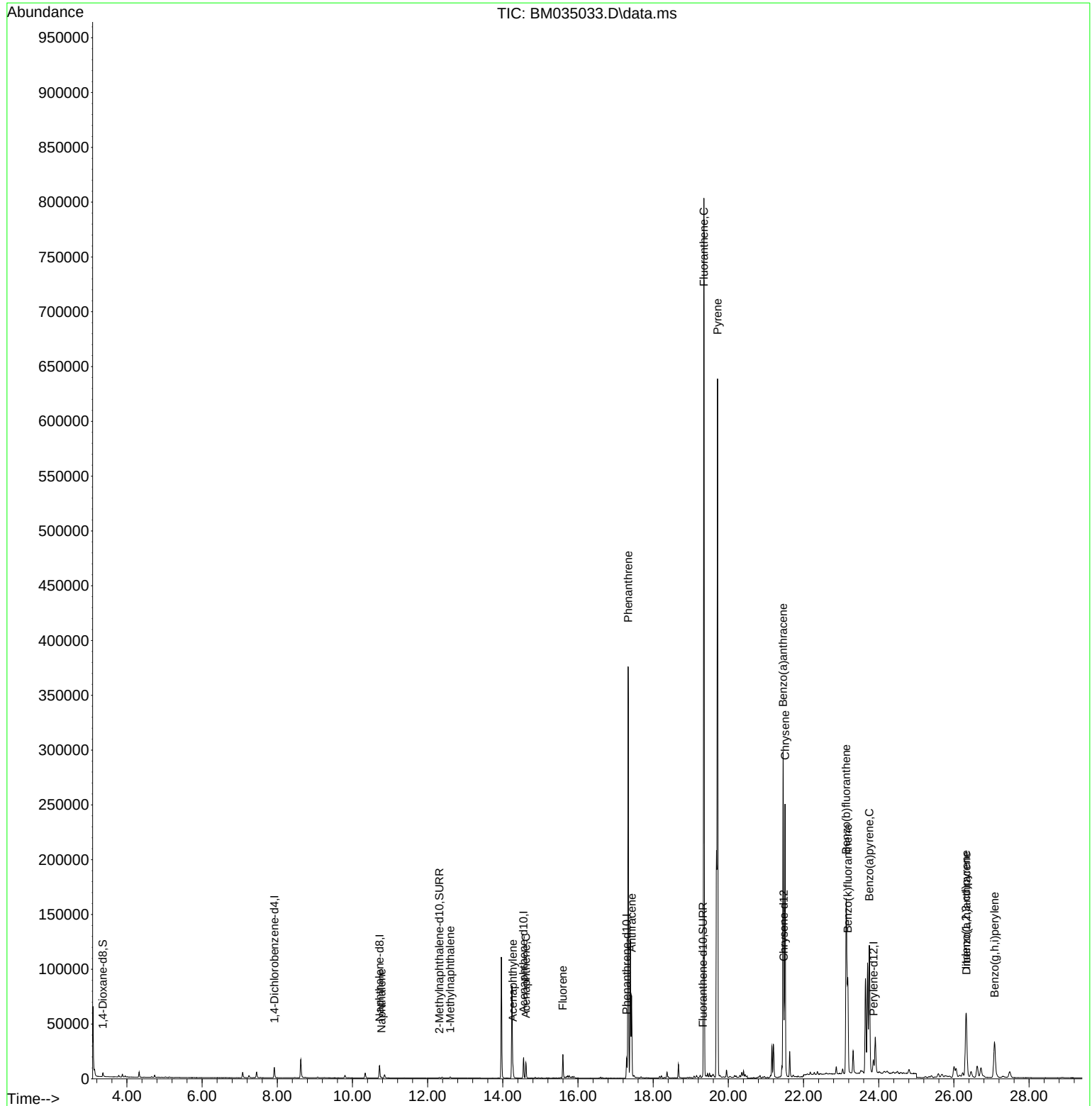
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035033.D
Acq On : 13 May 2022 18:26
Operator : CG/JU
Sample : N2562-06DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

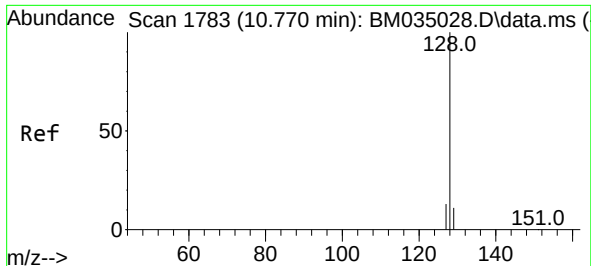
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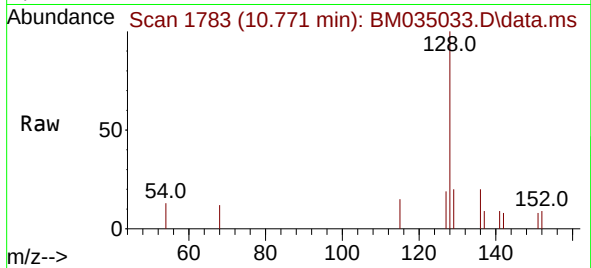
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

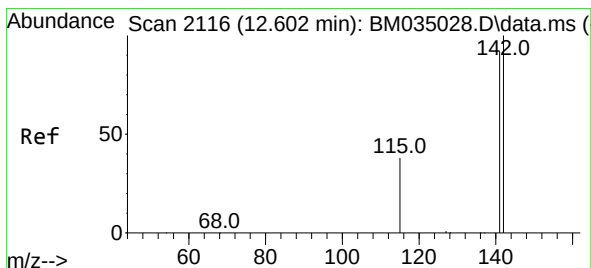
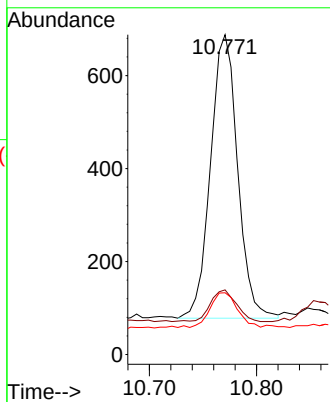
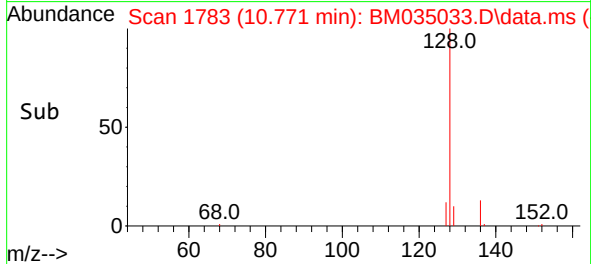
Instrument :
BNA_M
ClientSampleId :
EW467DL



Tgt Ion:128 Resp: 1073
Ion Ratio Lower Upper
128 100
129 20.2 13.4 20.2
127 19.3 15.2 22.8

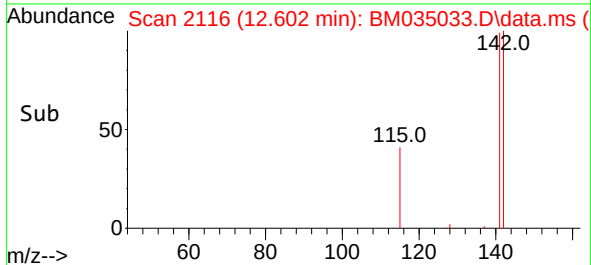
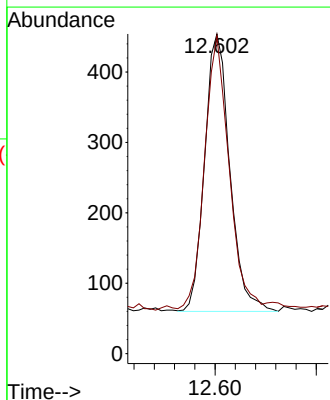
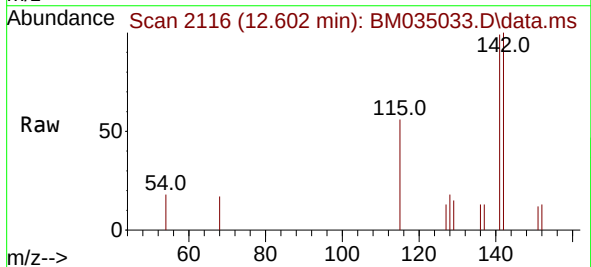
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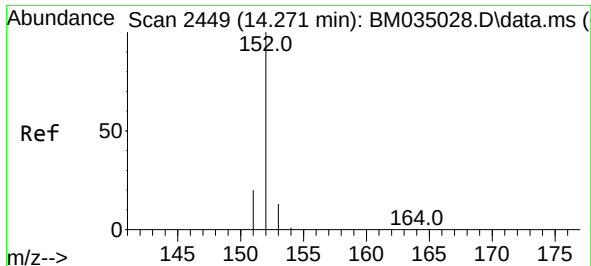
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

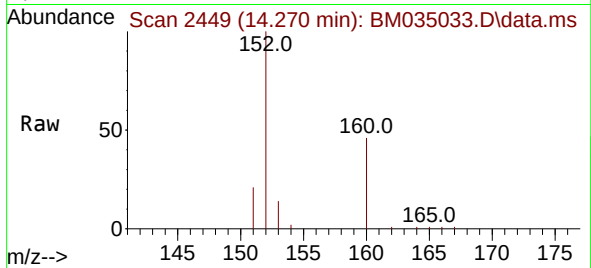
Tgt Ion:142 Resp: 681
Ion Ratio Lower Upper
142 100
141 95.9 75.0 112.4





#10
Acenaphthylene
Concen: 0.177 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

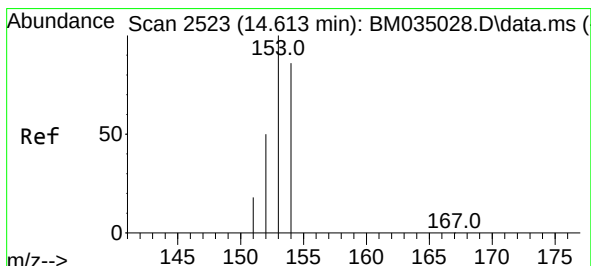
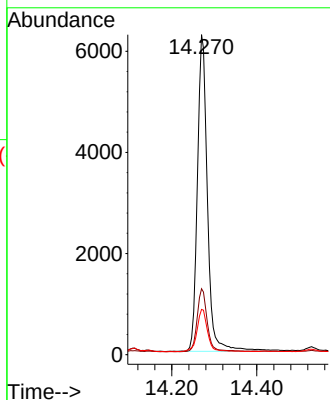
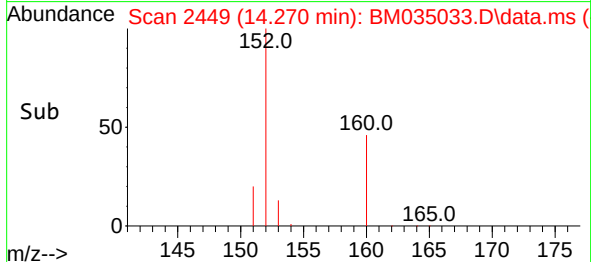
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Tgt Ion:152 Resp: 1027
Ion Ratio Lower Upper
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151 20.6 19.9 29.9
153 14.1 15.0 22.4

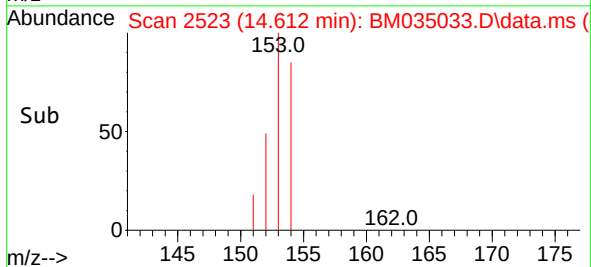
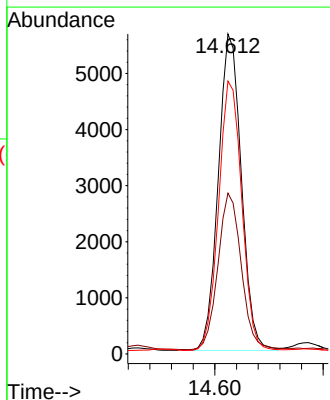
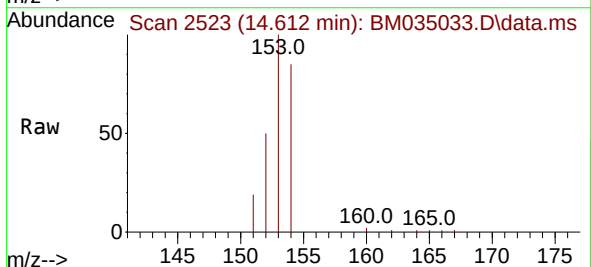
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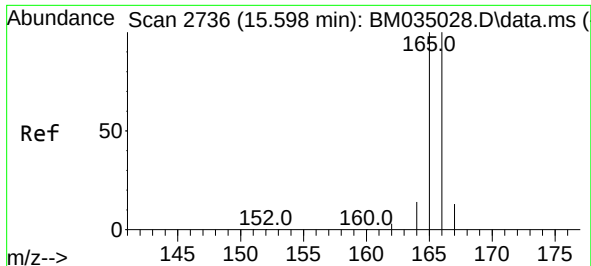
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#11
Acenaphthene
Concen: 0.199 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

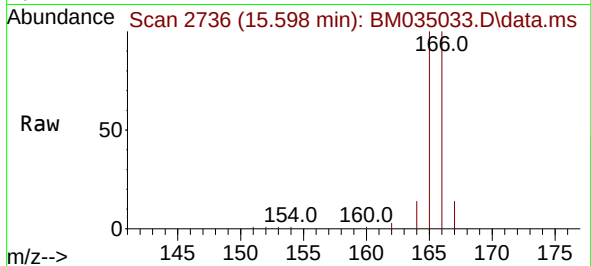
Tgt Ion:153 Resp: 8352
Ion Ratio Lower Upper
153 100
152 50.2 42.4 63.6
154 85.2 66.2 99.2





#12
Fluorene
Concen: 0.270 ng/u1
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

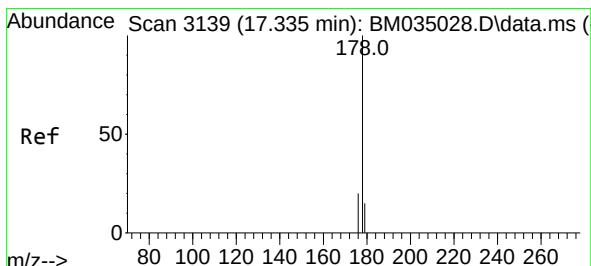
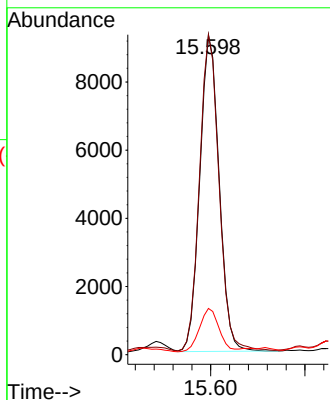
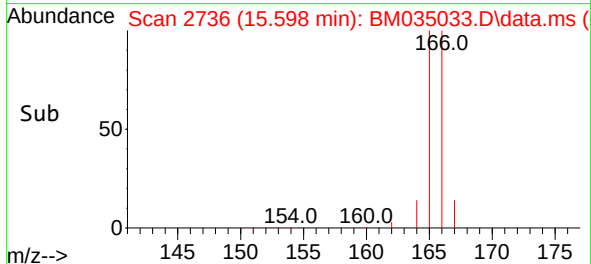
Instrument :
BNA_M
ClientSampleId :
EW467DL



Tgt Ion:166 Resp: 1323
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 14.4 14.9 22.3

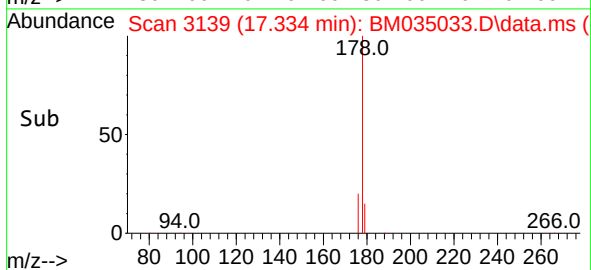
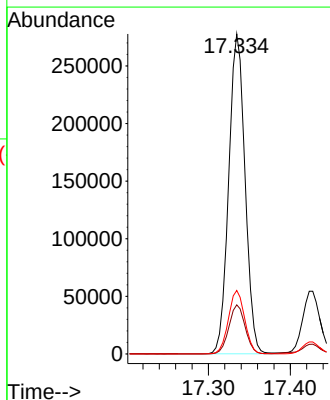
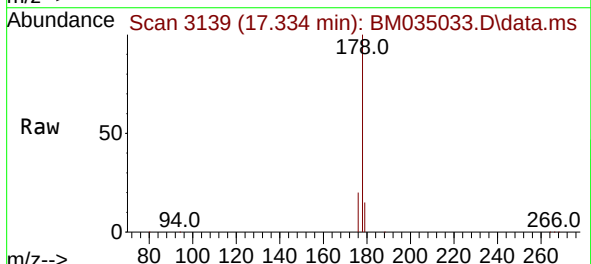
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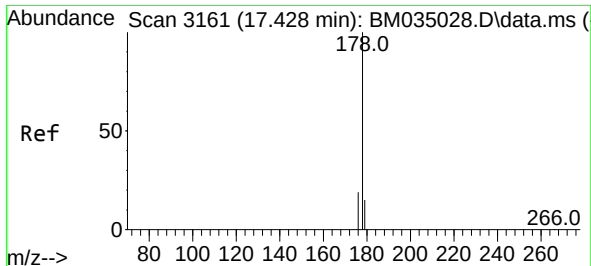
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#15
Phenanthrene
Concen: 4.888 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

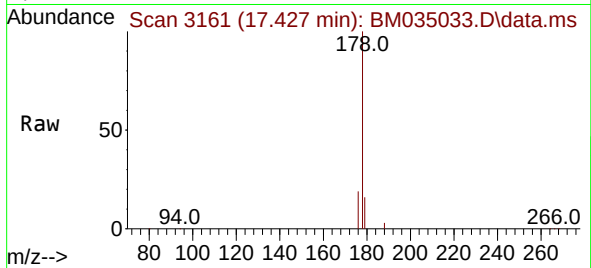
Tgt Ion:178 Resp: 384694
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.9 17.9 26.9





#16
 Anthracene
 Concen: 1.137 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. 0.000 min
 Lab File: BM035033.D
 Acq: 13 May 2022 18:26

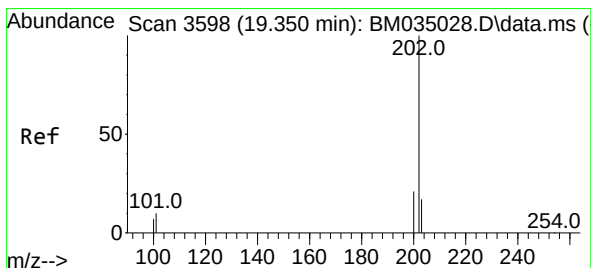
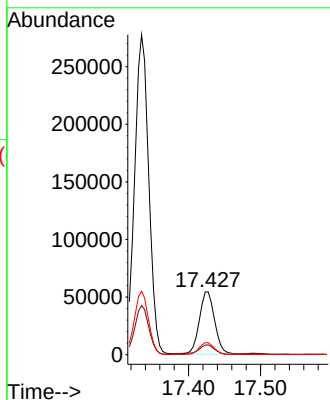
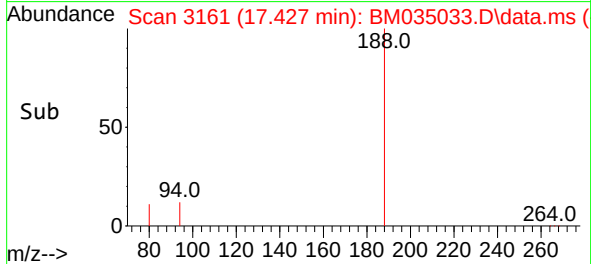
Instrument :
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 ClientSampleId :
 EW467DL



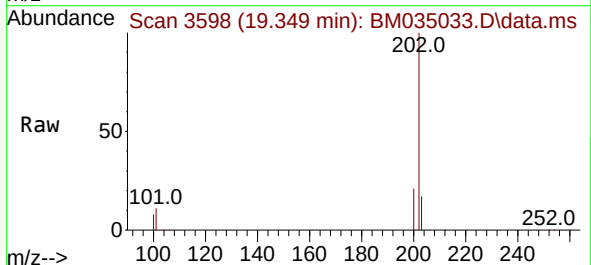
Tgt Ion:178 Resp: 81500
 Ion Ratio Lower Upper
 178 100
 179 15.6 16.5 24.7
 176 19.1 18.3 27.5

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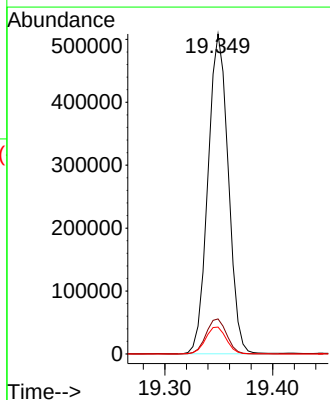
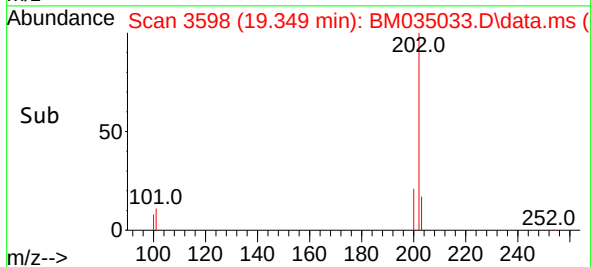
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

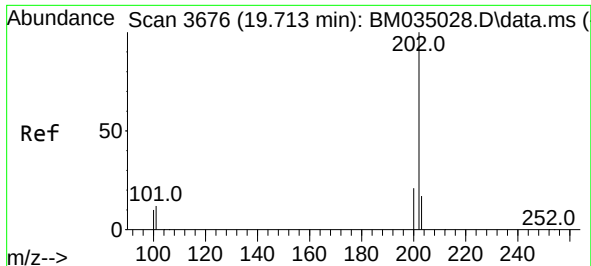


#19
 Fluoranthene
 Concen: 6.982 ng/ul
 RT: 19.349 min Scan# 3598
 Delta R.T. -0.000 min
 Lab File: BM035033.D
 Acq: 13 May 2022 18:26



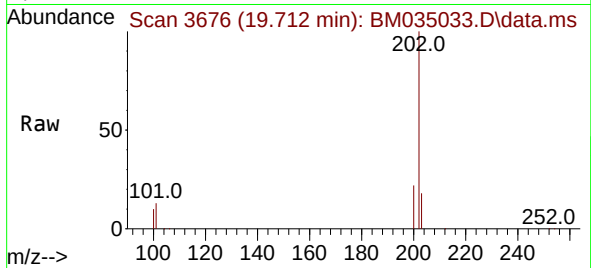
Tgt Ion:202 Resp: 666426
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.2 13.8
 100 8.4 7.2 10.8





#20
Pyrene
Concen: 5.465 ng/ul
RT: 19.712 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

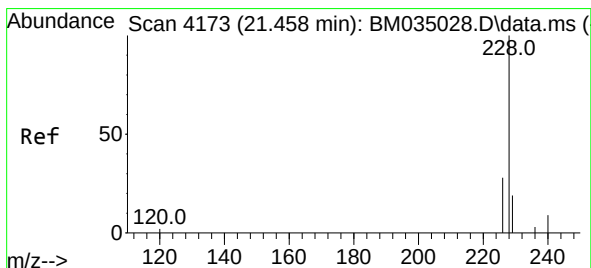
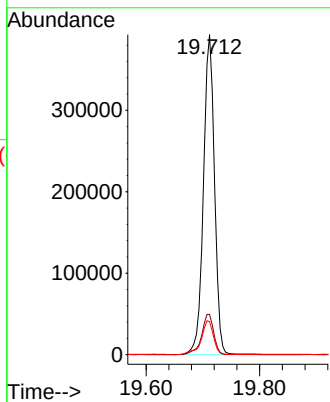
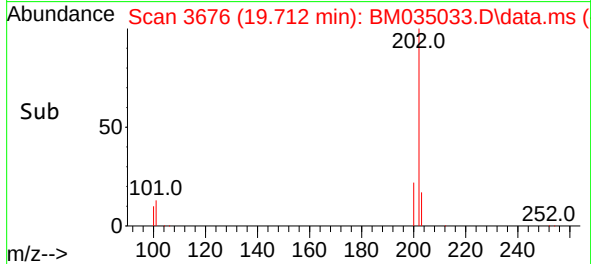
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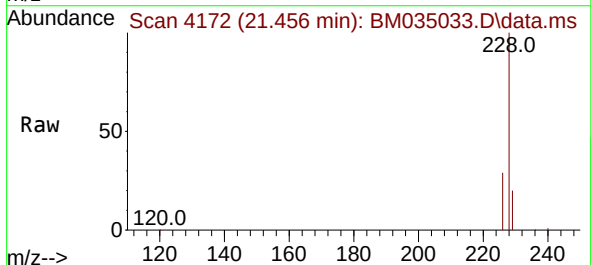
Tgt Ion:202 Resp: 529819
Ion Ratio Lower Upper
202 100
101 12.6 9.3 13.9
100 10.4 7.8 11.6

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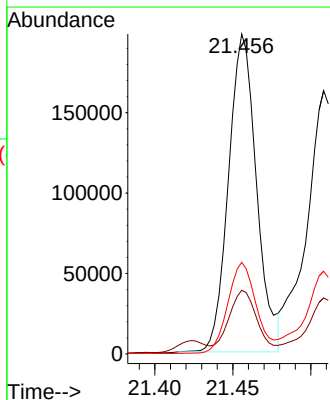
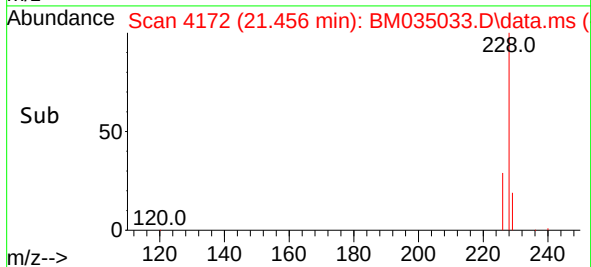
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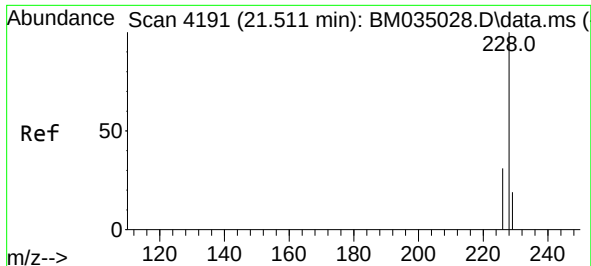


#21
Benzo(a)anthracene
Concen: 3.151 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26



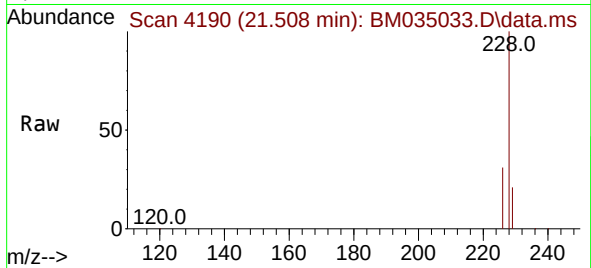
Tgt Ion:228 Resp: 247859
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 28.6 23.2 34.8





#22
Chrysene
Concen: 2.854 ng/ul
RT: 21.508 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

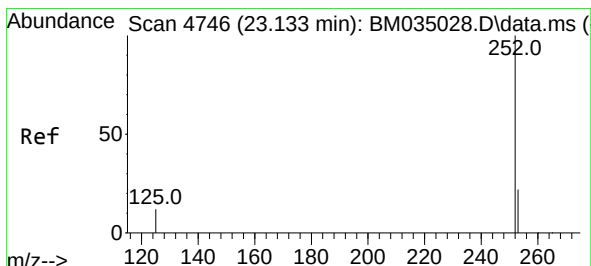
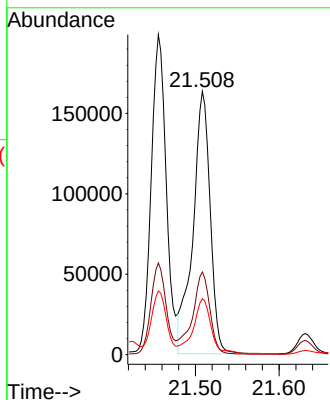
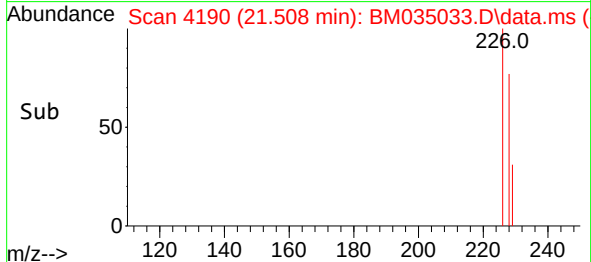
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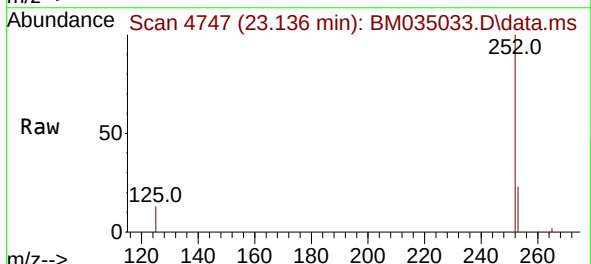
Tgt Ion:228 Resp: 233530
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 21.3 16.7 25.1

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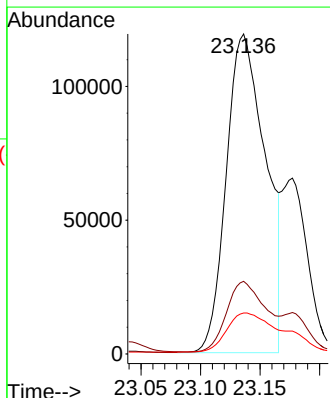
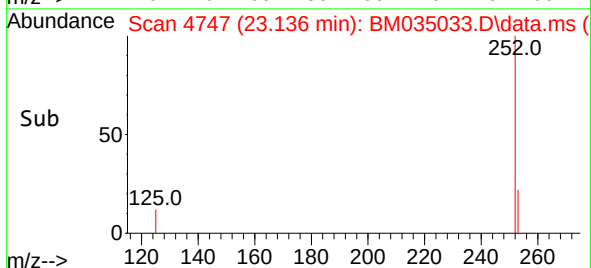
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

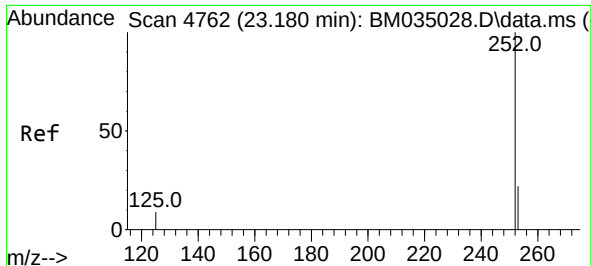


#24
Benzo(b)fluoranthene
Concen: 3.308 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26



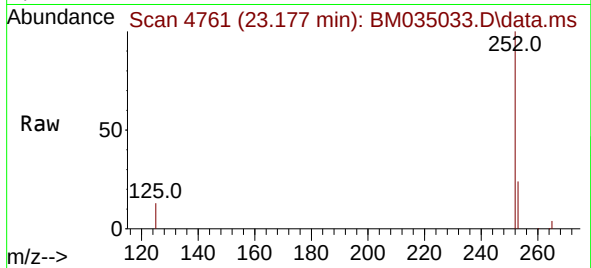
Tgt Ion:252 Resp: 273827
Ion Ratio Lower Upper
252 100
253 22.7 0.0 64.2
125 12.8 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 1.229 ng/ul m
RT: 23.177 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

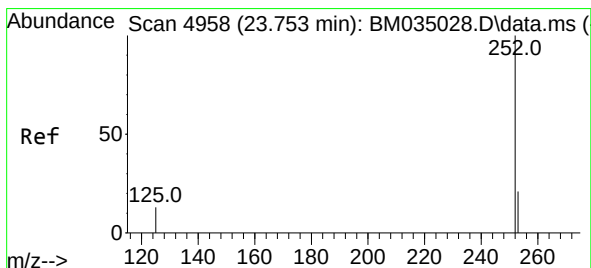
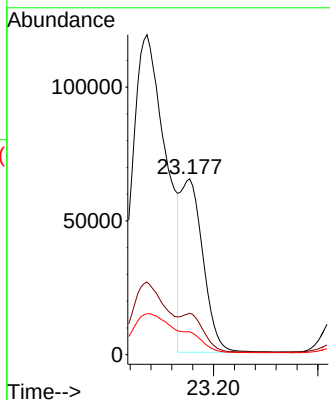
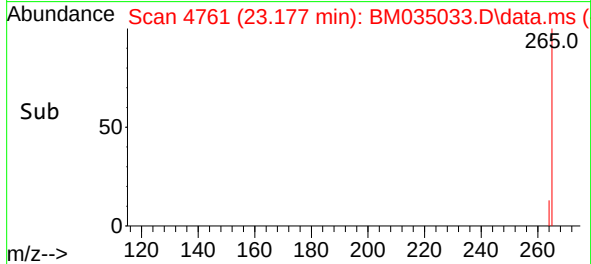
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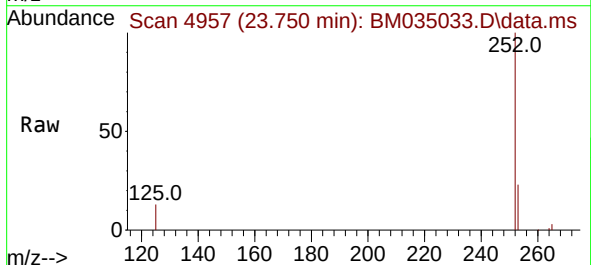
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Ion Ratio Lower Upper
252 100
253 23.6 26.8 40.2#
125 13.0 12.0 18.0

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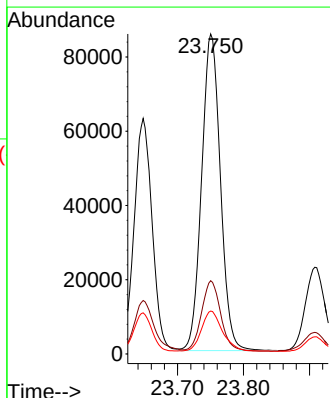
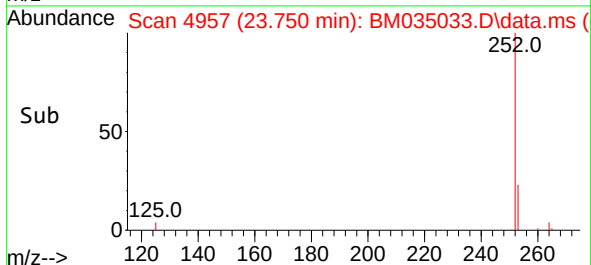
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

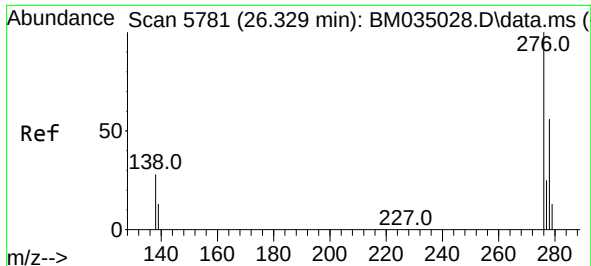


#26
Benzo(a)pyrene
Concen: 2.247 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26



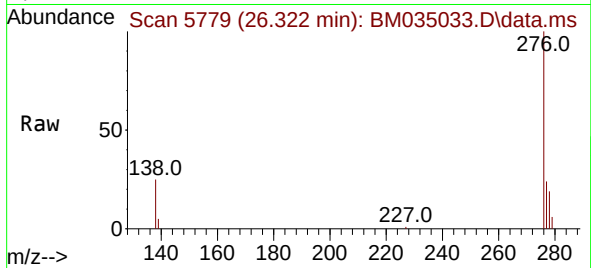
Tgt Ion:252 Resp: 169197
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0#
125 13.4 14.5 21.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.330 ng/ul
 RT: 26.322 min Scan# 5779
 Delta R.T. -0.004 min
 Lab File: BM035033.D
 Acq: 13 May 2022 18:26

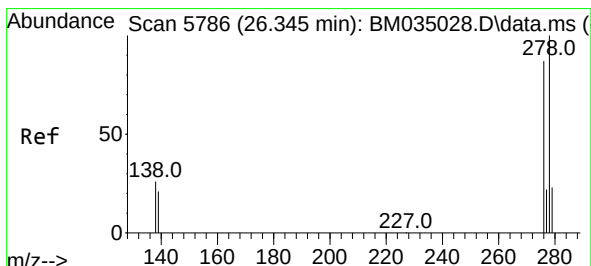
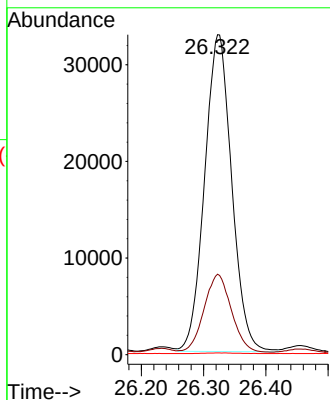
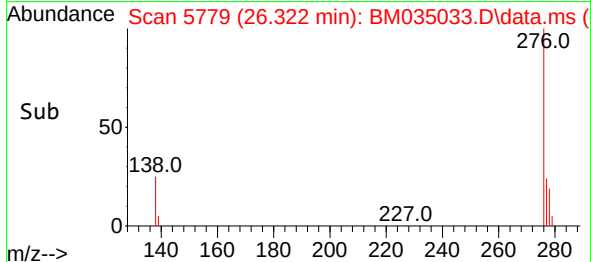
Instrument :
 BNA_M
 ClientSampleId :
 EW467DL



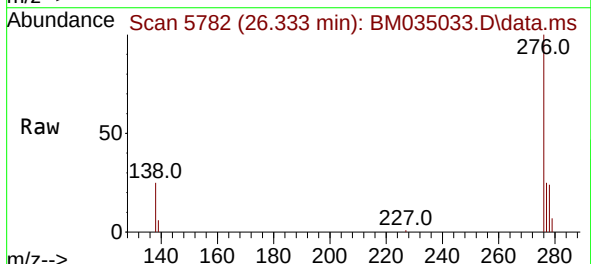
Tgt Ion: 276 Resp: 99084
 Ion Ratio Lower Upper
 276 100
 138 24.8 15.8 23.6
 227 0.2 0.0 0.0

Manual Integrations
 APPROVED

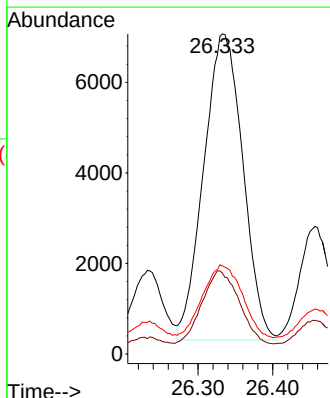
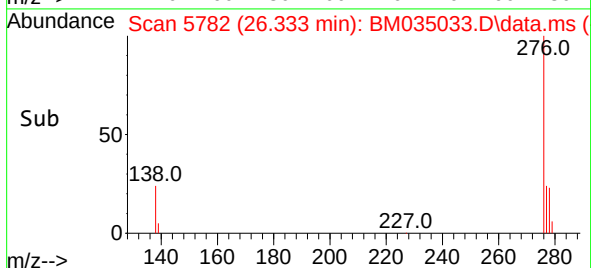
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

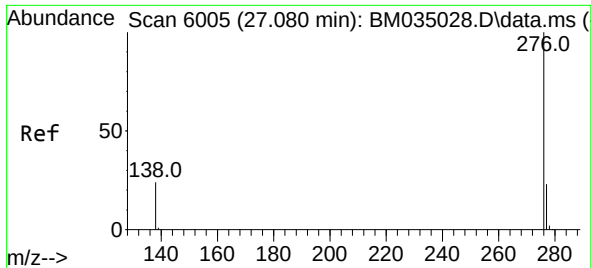


#28
 Dibenzo(a,h)anthracene
 Concen: 0.415 ng/ul m
 RT: 26.333 min Scan# 5782
 Delta R.T. -0.010 min
 Lab File: BM035033.D
 Acq: 13 May 2022 18:26



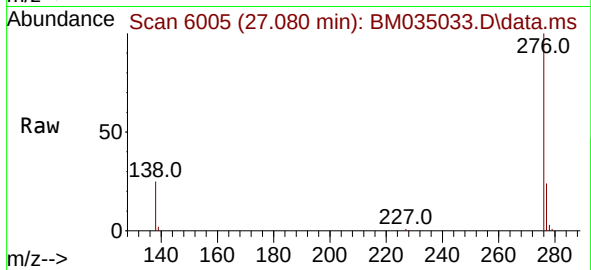
Tgt Ion: 278 Resp: 24620
 Ion Ratio Lower Upper
 278 100
 139 25.2 18.0 27.0
 279 27.5 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 1.088 ng/ul
RT: 27.080 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM035033.D
Acq: 13 May 2022 18:26

Instrument :
BNA_M
ClientSampleId :
EW467DL



Tgt Ion:276 Resp: 6976
Ion Ratio Lower Upper
276 100
138 24.9 17.4 26.0
277 23.8 22.6 33.8

Manual Integrations
APPROVED

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

