

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035076.D
 Acq On : 14 May 2022 21:29
 Operator : CG/JU
 Sample : N2632-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B5

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:32:26 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	3244	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	10307	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	7015	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	15905	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	15401	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	14693	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	12168	3.131	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	3725	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	11623	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.612	153	791	0.026	ng/ul	99
12) Fluorene	15.597	166	818	0.023	ng/ul	96
15) Phenanthrene	17.334	178	14189	0.234	ng/ul	95
16) Anthracene	17.427	178	4230	0.077	ng/ul	96
19) Fluoranthene	19.350	202	34453	0.398	ng/ul#	95
20) Pyrene	19.712	202	29063m	0.331	ng/ul	
21) Benzo(a)anthracene	21.456	228	16961	0.238	ng/ul	100
22) Chrysene	21.509	228	14915	0.201	ng/ul	97
24) Benzo(b)fluoranthene	23.137	252	20653	0.268	ng/ul	90
25) Benzo(k)fluoranthene	23.177	252	5850m	0.080	ng/ul	
26) Benzo(a)pyrene	23.753	252	13514	0.193	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.326	276	7902	0.114	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.340	278	1970	0.036	ng/ul#	45
29) Benzo(g,h,i)perylene	27.084	276	6235	0.104	ng/ul#	92

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

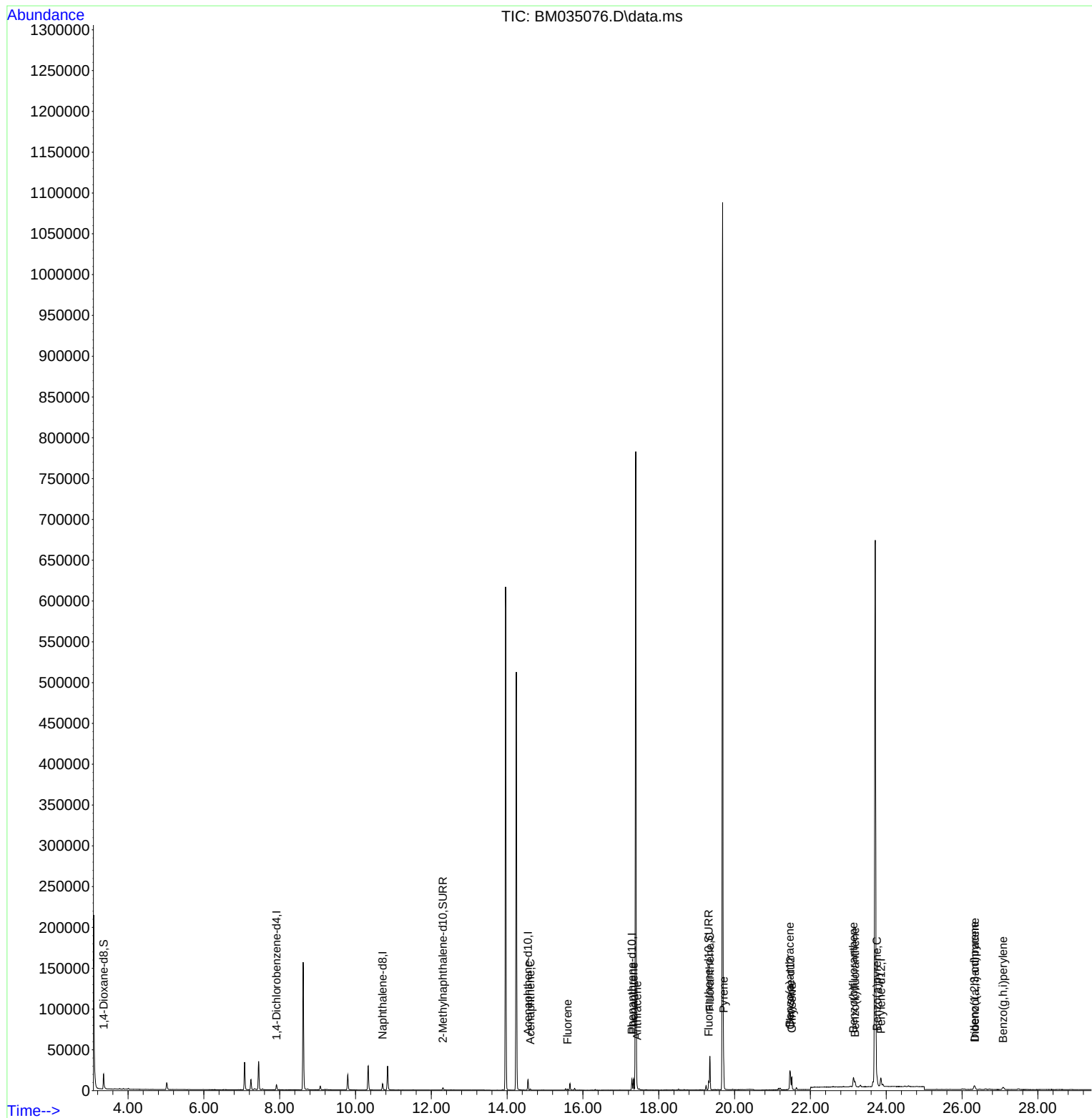
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035076.D
Acq On : 14 May 2022 21:29
Operator : CG/JU
Sample : N2632-13
Misc :
ALS Vial : 51 Sample Multiplier: 1

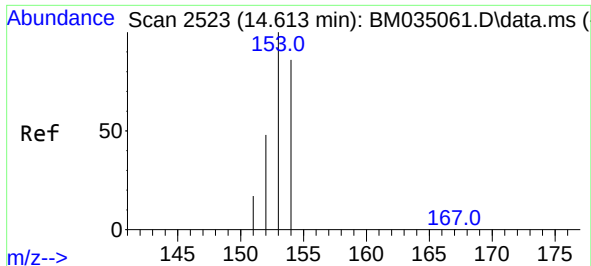
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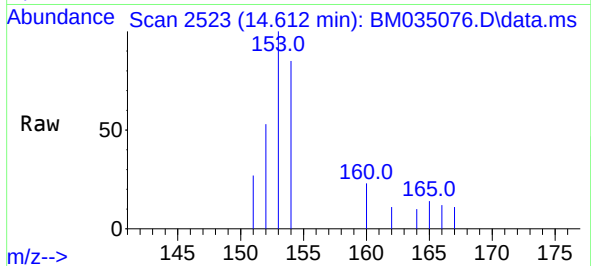
Quant Time: May 15 01:32:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

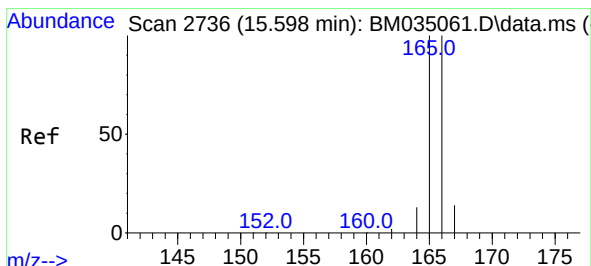
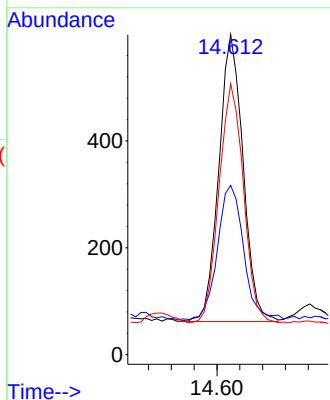
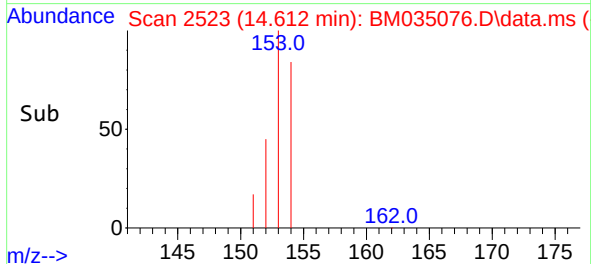
Instrument :
BNA_M
ClientSampleId :
EW4B5



Tgt Ion:153 Resp: 79
Ion Ratio Lower Upper
153 100
152 52.9 42.4 63.6
154 84.6 66.2 99.2

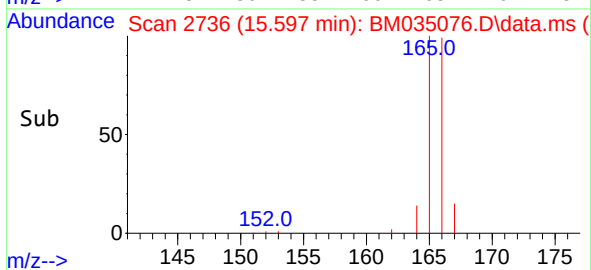
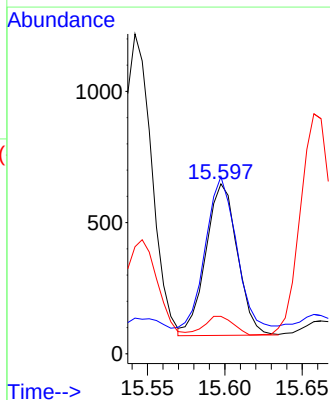
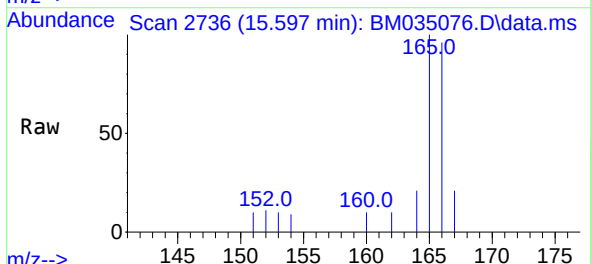
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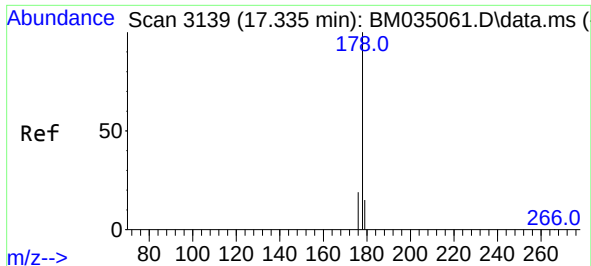
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

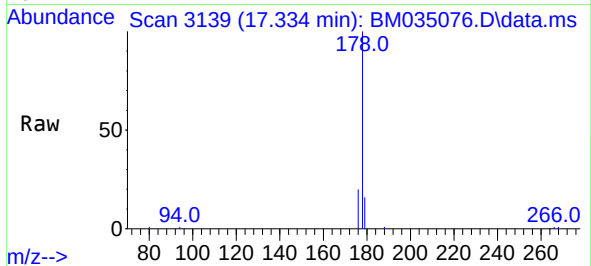
Tgt Ion:166 Resp: 818
Ion Ratio Lower Upper
166 100
165 104.2 81.1 121.7
167 22.1 14.9 22.3





#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

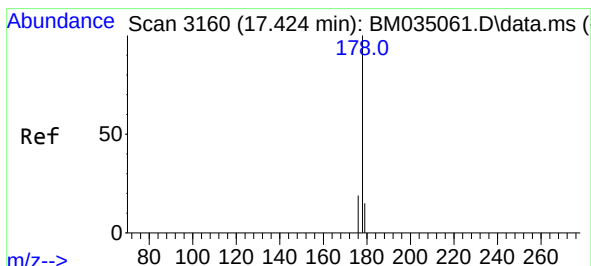
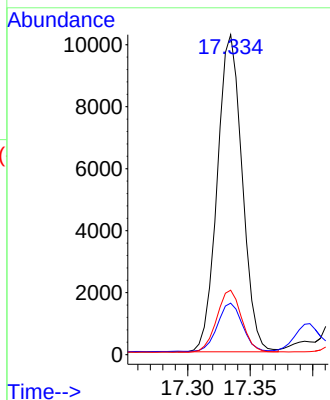
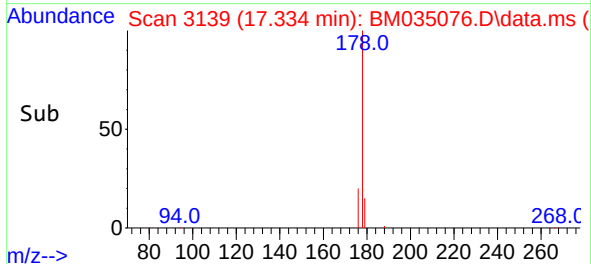
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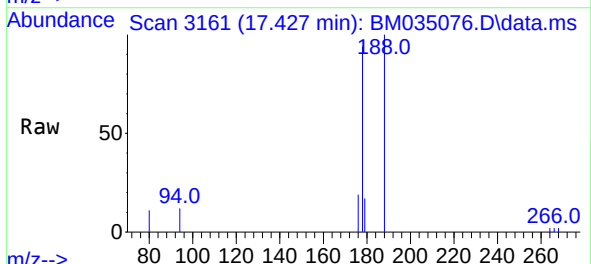
Tgt Ion:178 Resp: 14189
Ion Ratio Lower Upper
178 100
179 16.1 15.0 22.6
176 20.1 17.9 26.9

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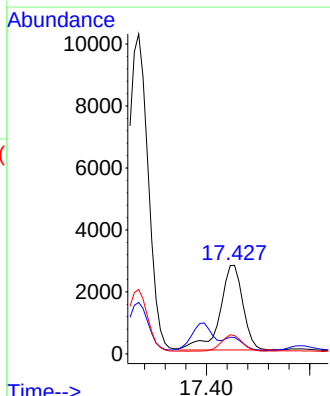
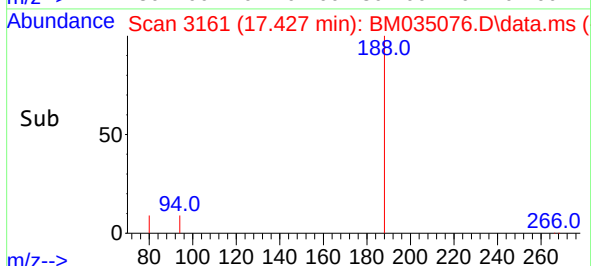
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

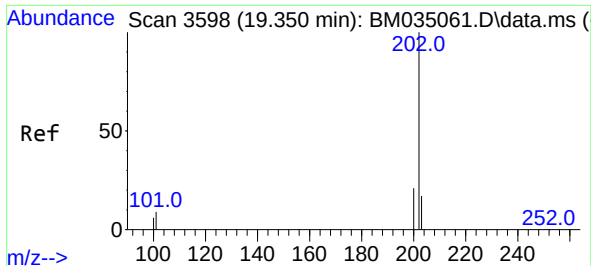


#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29



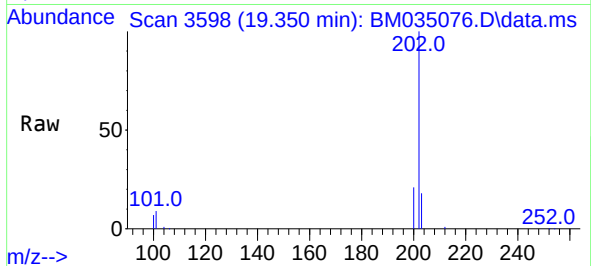
Tgt Ion:178 Resp: 4230
Ion Ratio Lower Upper
178 100
179 18.6 16.5 24.7
176 20.7 18.3 27.5





#19
Fluoranthene
Concen: 0.398 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

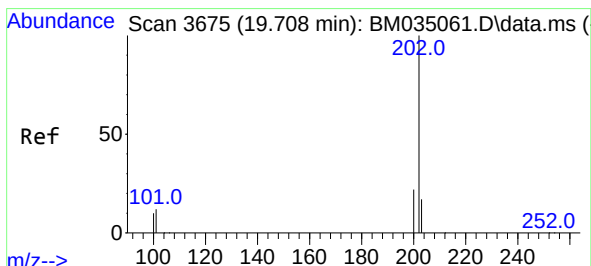
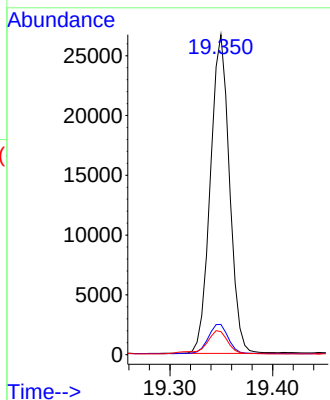
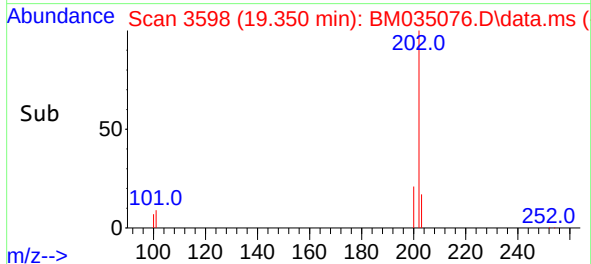
Instrument :
BNA_M
ClientSampleId :
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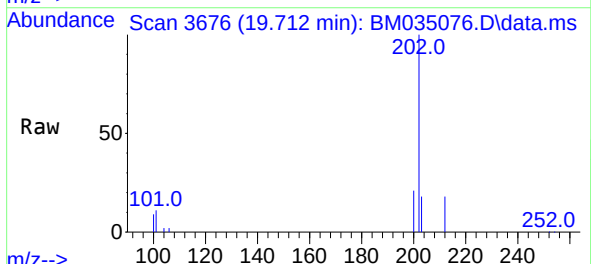
Tgt Ion:202 Resp: 3445
Ion Ratio Lower Upper
202 100
101 9.5 9.2 13.8
100 7.2 7.2 10.8

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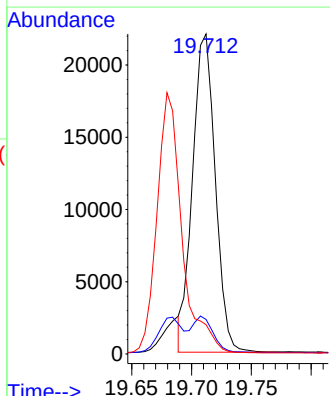
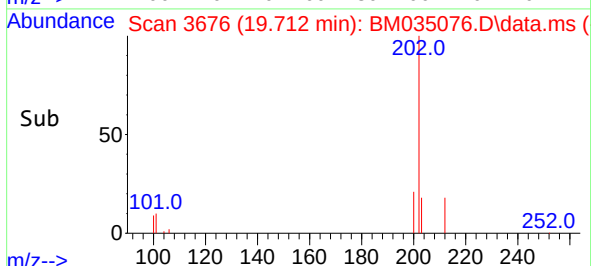
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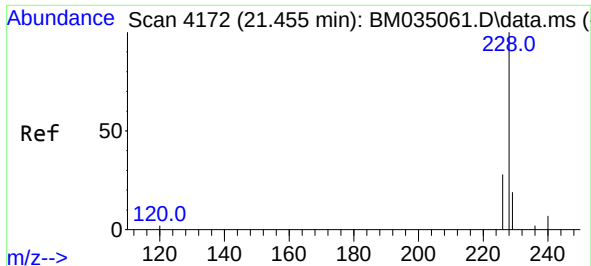


#20
Pyrene
Concen: 0.331 ng/u1 m
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29



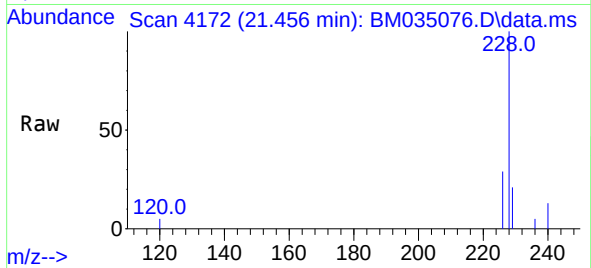
Tgt Ion:202 Resp: 29063
Ion Ratio Lower Upper
202 100
101 10.8 9.3 13.9
100 9.1 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.238 ng/u1
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

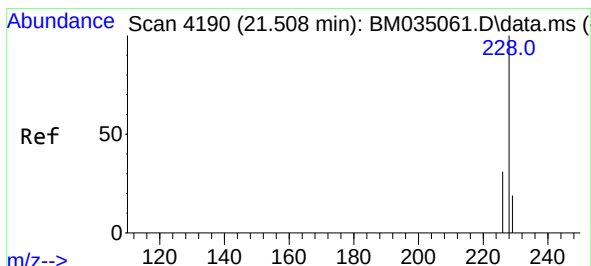
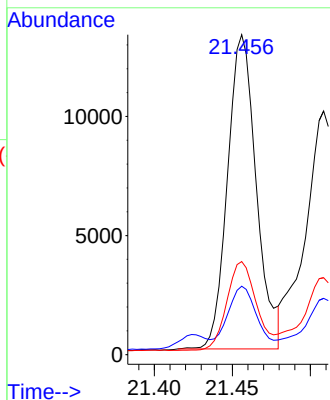
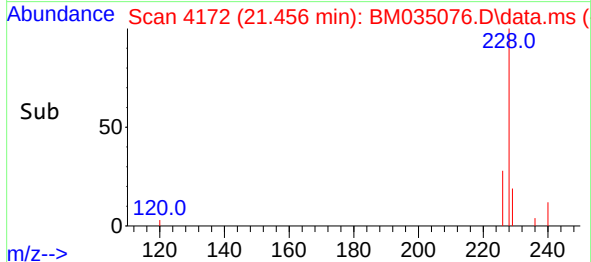
Instrument :
BNA_M
ClientSampleId :
EW4B5



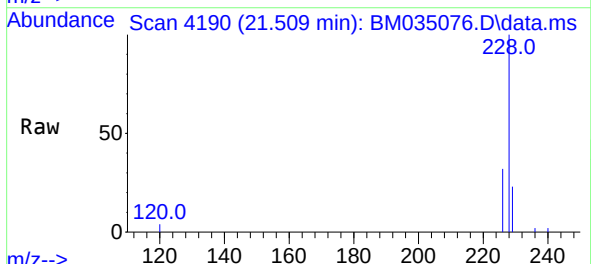
Tgt Ion:228 Resp: 1696
Ion Ratio Lower Upper
228 100
229 21.4 17.3 25.9
226 29.1 23.2 34.8

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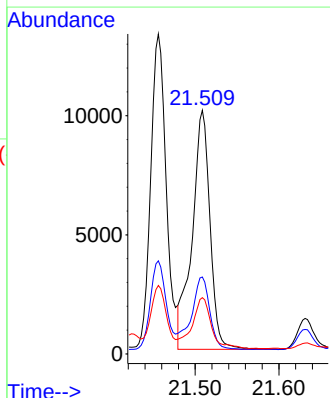
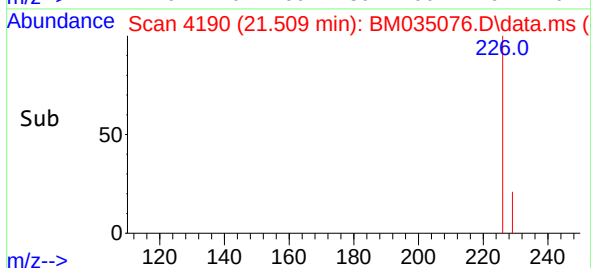
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

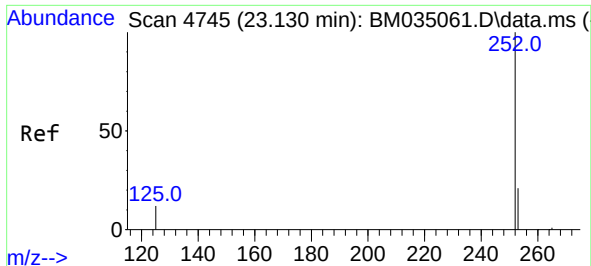


#22
Chrysene
Concen: 0.201 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29



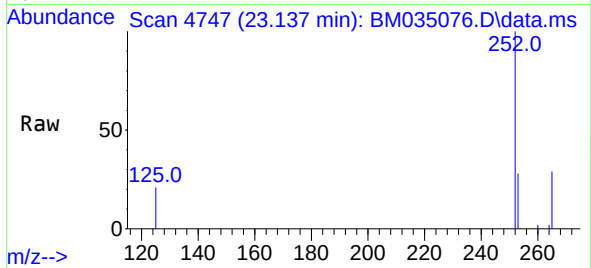
Tgt Ion:228 Resp: 14915
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 23.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul
RT: 23.137 min Scan# 4745
Delta R.T. 0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

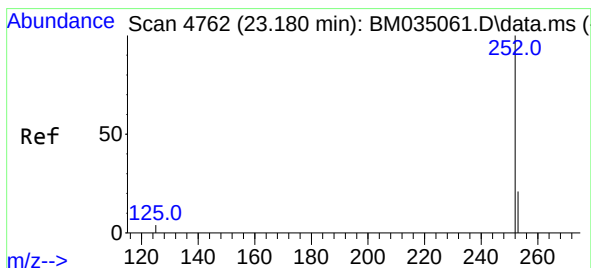
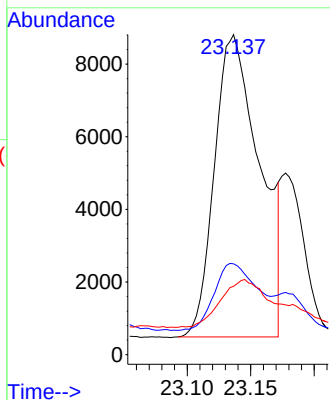
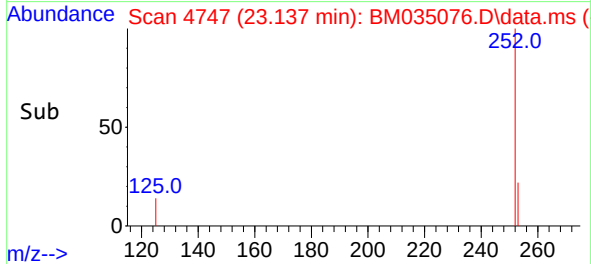
Instrument :
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ClientSampleId :
EW4B5



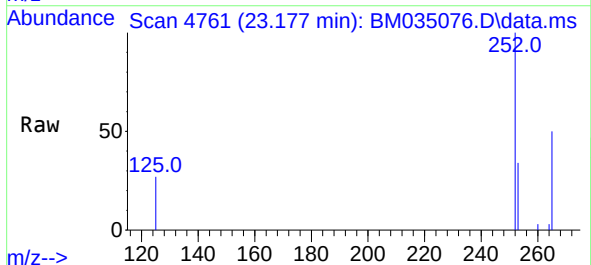
Tgt Ion:252 Resp: 2065
Ion Ratio Lower Upper
252 100
253 28.4 0.0 64.2
125 21.4 0.0 28.8

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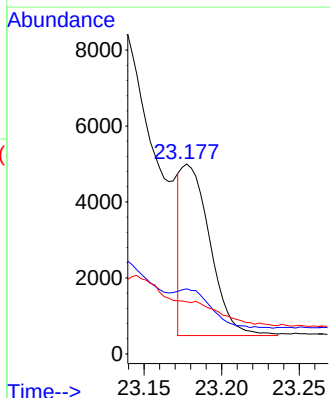
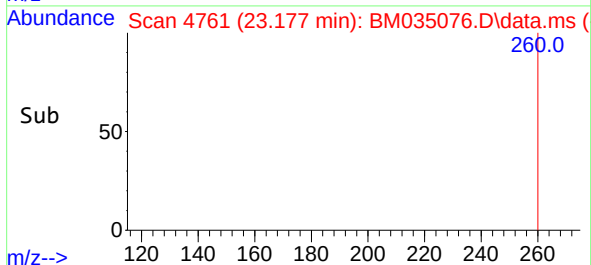
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

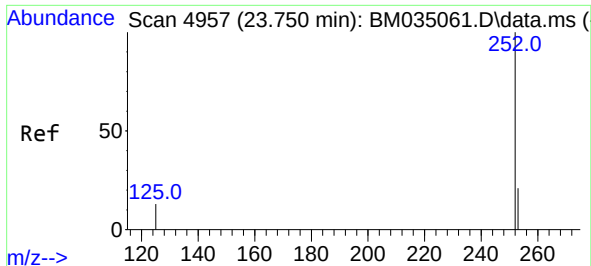


#25
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29



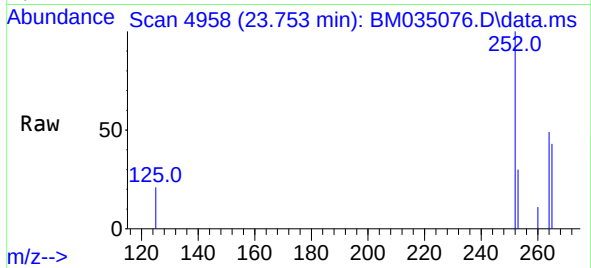
Tgt Ion:252 Resp: 5850
Ion Ratio Lower Upper
252 100
253 34.3 26.8 40.2
125 27.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.193 ng/u1
RT: 23.753 min Scan# 4957
Delta R.T. 0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

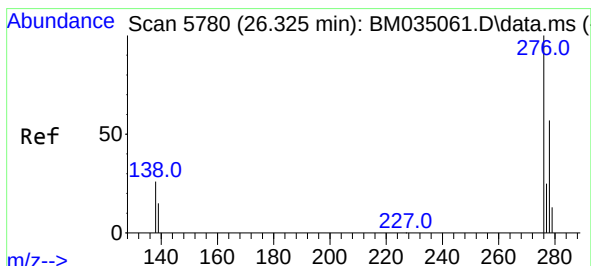
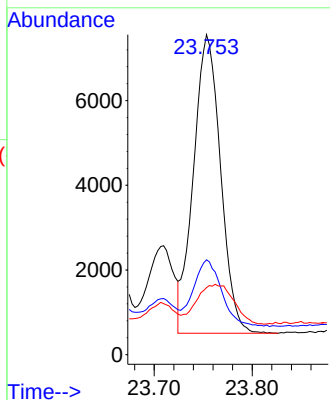
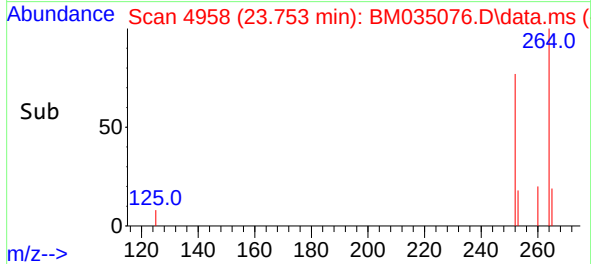
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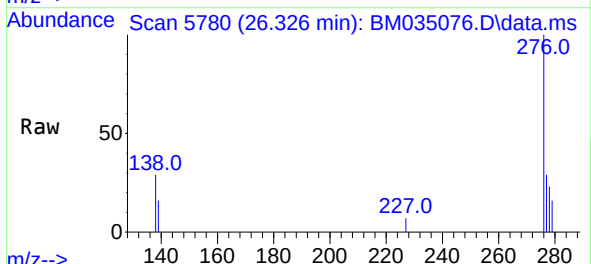
Tgt Ion:252 Resp: 13514
Ion Ratio Lower Upper
252 100
253 29.7 32.0 48.0#
125 20.9 14.5 21.7

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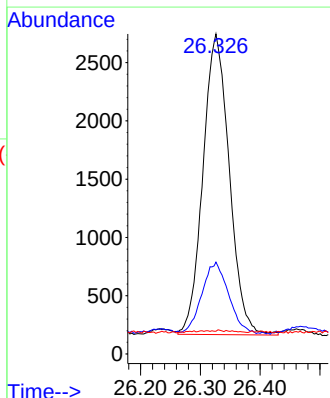
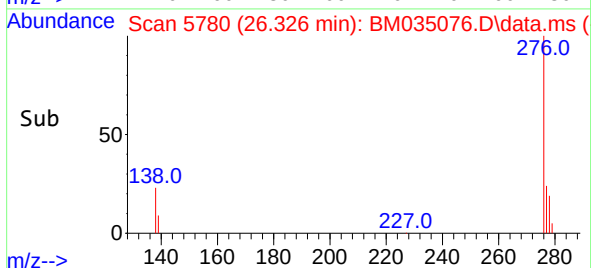
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

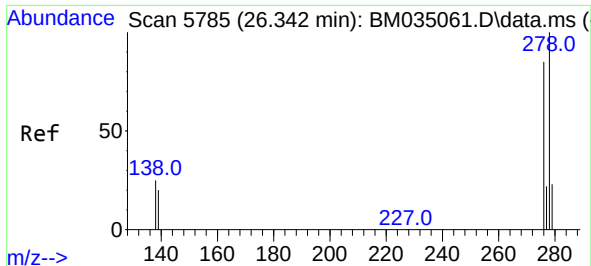


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/u1
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29



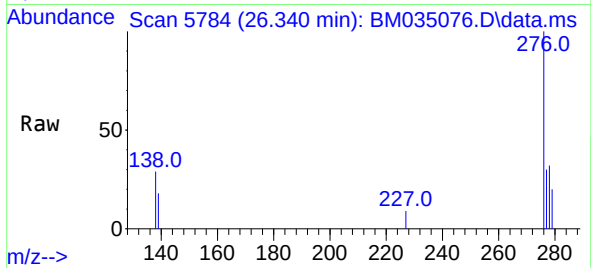
Tgt Ion:276 Resp: 7902
Ion Ratio Lower Upper
276 100
138 23.8 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.340 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29

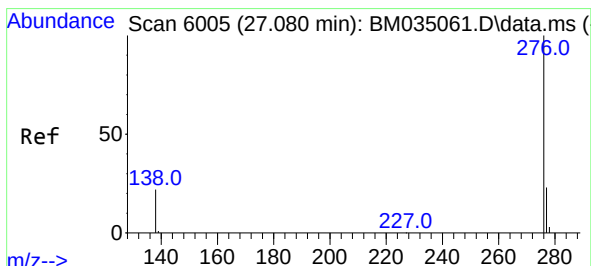
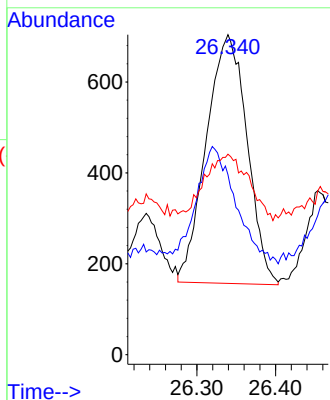
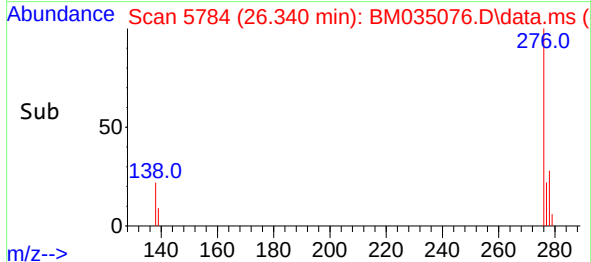
Instrument :
BNA_M
ClientSampleId :
EW4B5



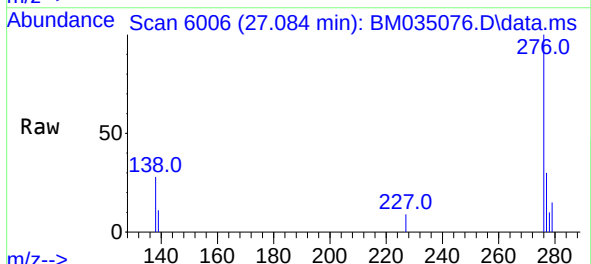
Tgt Ion:278 Resp: 1970
Ion Ratio Lower Upper
278 100
139 56.3 18.0 27.0
279 62.6 28.6 42.8

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: 0.104 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035076.D
Acq: 14 May 2022 21:29



Tgt Ion:276 Resp: 6235
Ion Ratio Lower Upper
276 100
138 28.4 17.4 26.0
277 30.3 22.6 33.8

