

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035067.D
 Acq On : 14 May 2022 16:05
 Operator : CG/JU
 Sample : N2603-11DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW492DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:31:24 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	5502	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	16674	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	10599	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	23065	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	16268	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	14097	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	7614	1.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2162	0.081	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	5446	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.335	178	9221	0.105	ng/ul	97
16) Anthracene	17.428	178	2161	0.027	ng/ul	95
19) Fluoranthene	19.350	202	41441	0.454	ng/ul	97
20) Pyrene	19.713	202	37549	0.405	ng/ul	99
21) Benzo(a)anthracene	21.455	228	17430	0.232	ng/ul	94
22) Chrysene	21.508	228	25258	0.322	ng/ul	95
24) Benzo(b)fluoranthene	23.136	252	40433	0.547	ng/ul	91
25) Benzo(k)fluoranthene	23.180	252	11743m	0.166	ng/ul	
26) Benzo(a)pyrene	23.753	252	23961	0.356	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.325	276	23118	0.347	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.339	278	4786	0.090	ng/ul#	57
29) Benzo(g,h,i)perylene	27.083	276	20483	0.358	ng/ul#	95

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

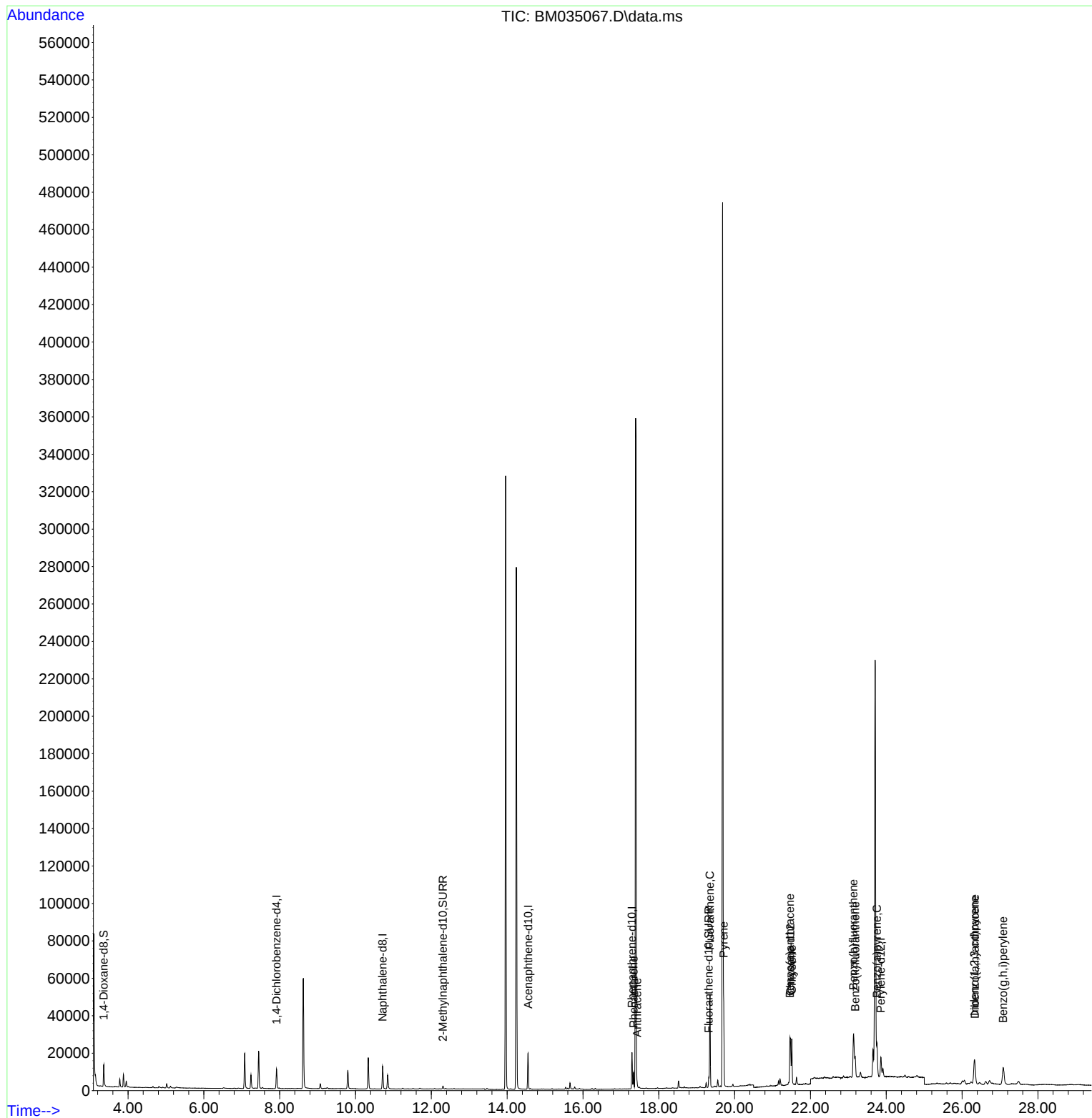
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035067.D
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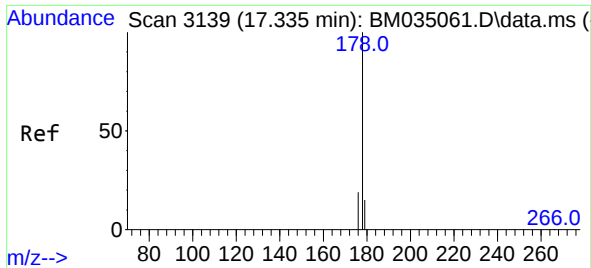
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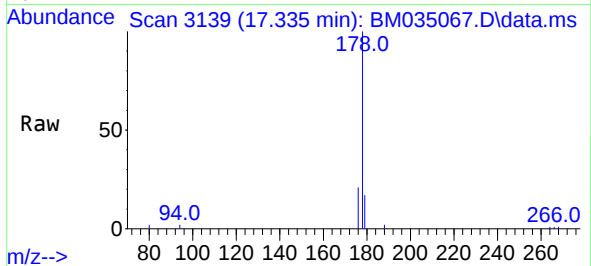
Quant Time: May 15 01:31:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.105 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05

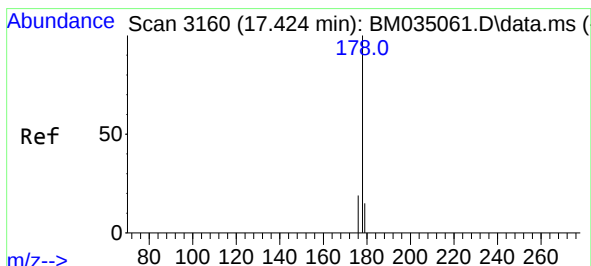
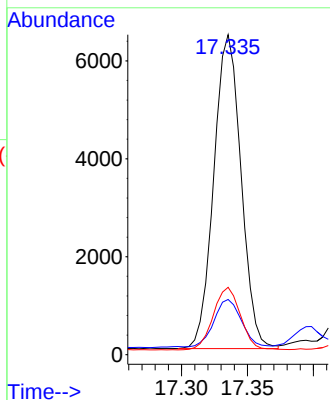
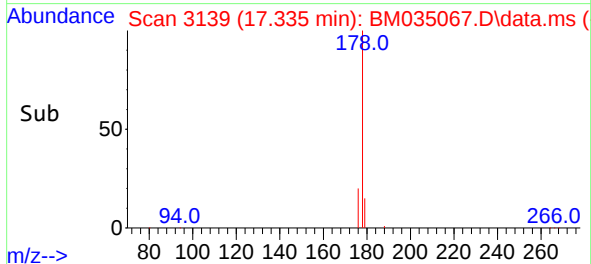
Instrument :
BNA_M
ClientSampleId :
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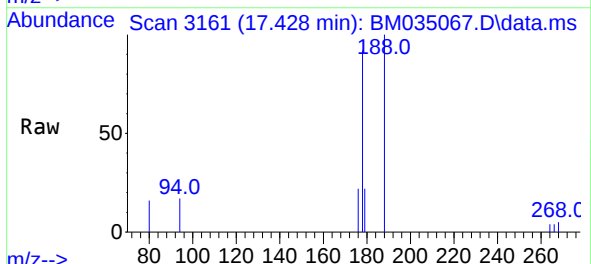
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Ion Ratio Lower Upper
178 100
179 17.2 15.0 22.6
176 21.1 17.9 26.9

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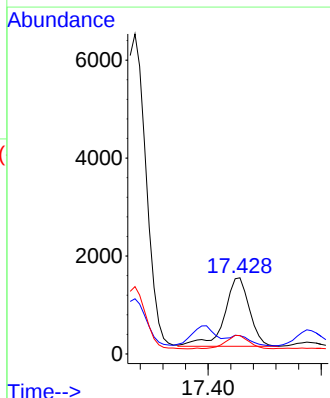
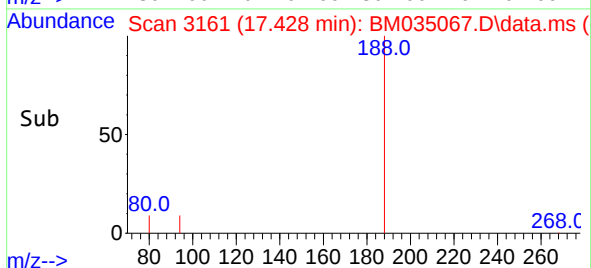
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

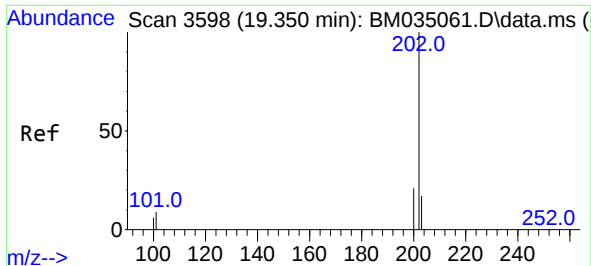


#16
Anthracene
Concen: 0.027 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05



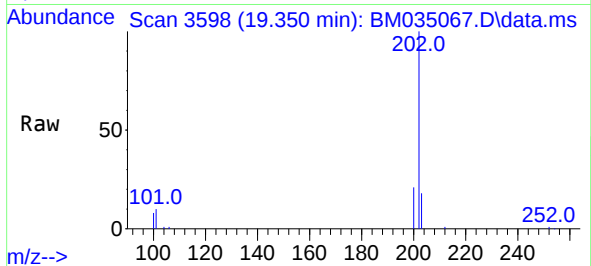
Tgt Ion:178 Resp: 2161
Ion Ratio Lower Upper
178 100
179 24.1 16.5 24.7
176 24.1 18.3 27.5





#19
Fluoranthene
Concen: 0.454 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05

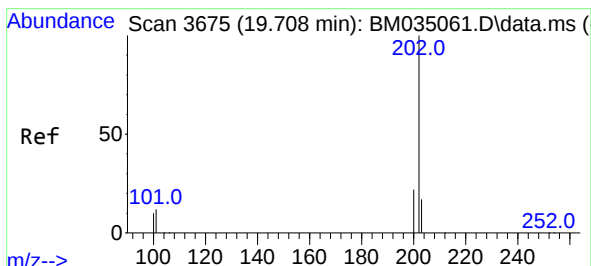
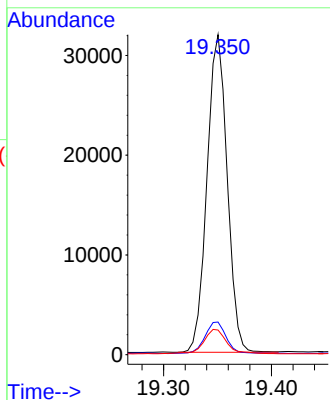
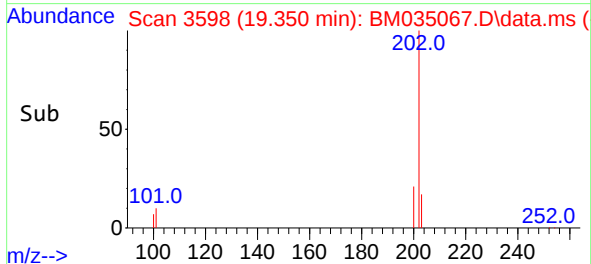
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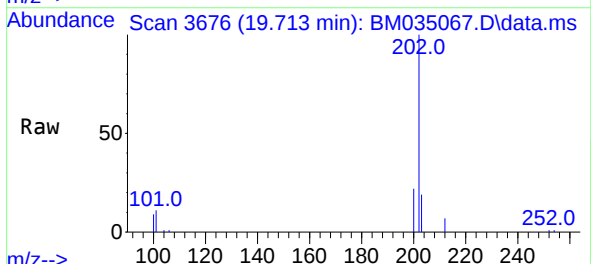
Tgt Ion:202 Resp: 4144
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 7.7 7.2 10.8

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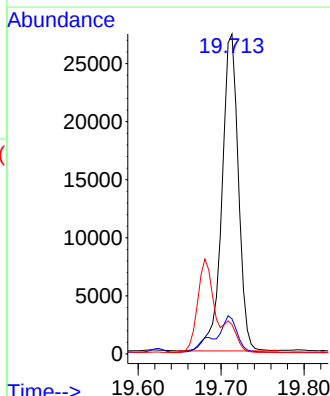
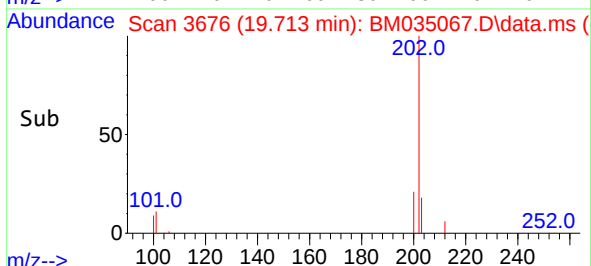
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

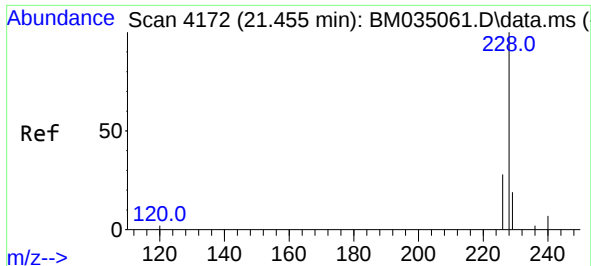


#20
Pyrene
Concen: 0.405 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05



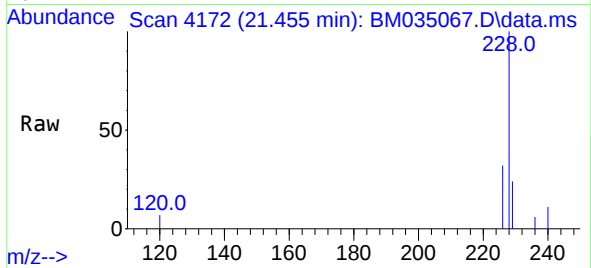
Tgt Ion:202 Resp: 37549
Ion Ratio Lower Upper
202 100
101 11.0 9.3 13.9
100 9.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.232 ng/u1
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05

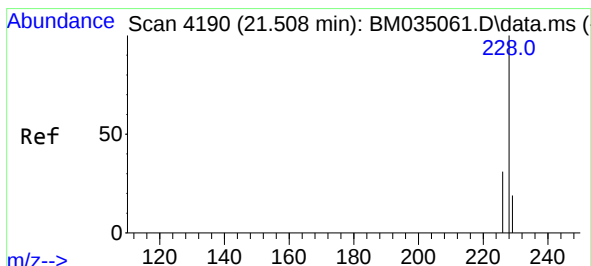
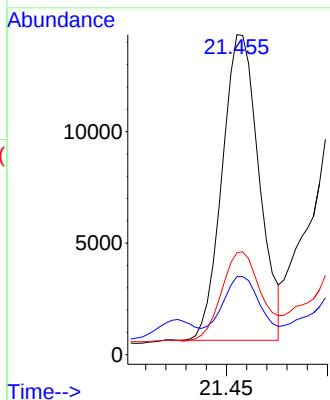
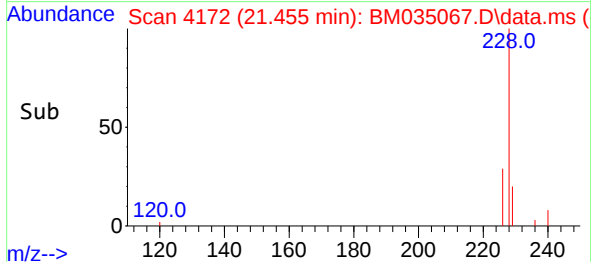
Instrument :
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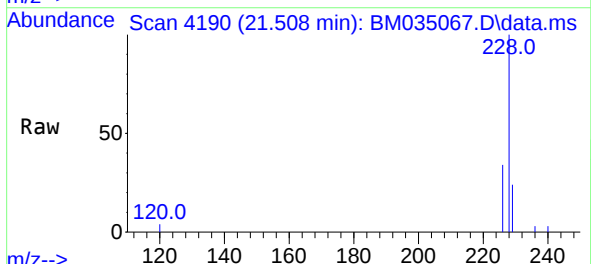
Tgt Ion:228 Resp: 17430
Ion Ratio Lower Upper
228 100
229 24.4 17.3 25.9
226 31.8 23.2 34.8

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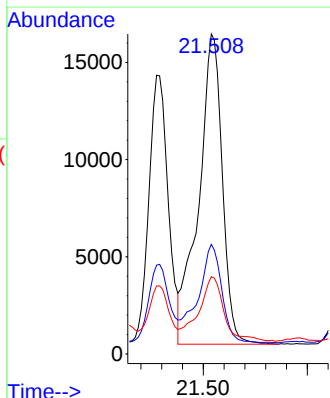
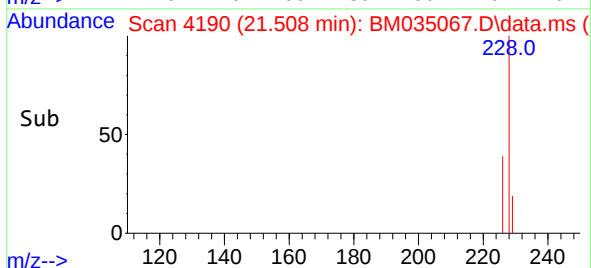
Reviewed By :Jagrut Upadhyay 05/16/2022
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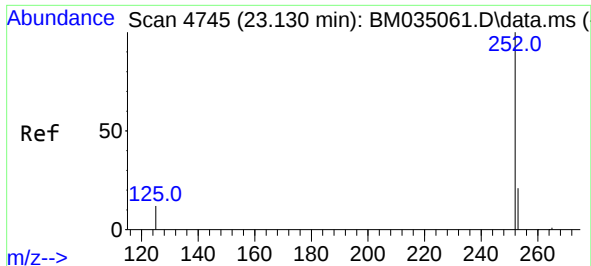


#22
Chrysene
Concen: 0.322 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05



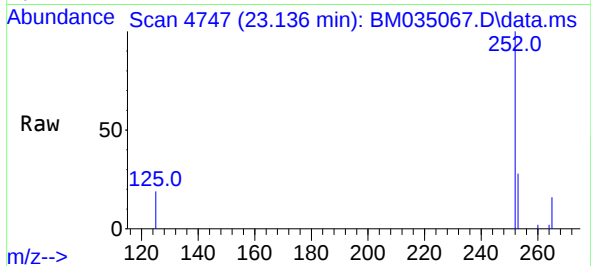
Tgt Ion:228 Resp: 25258
Ion Ratio Lower Upper
228 100
226 34.3 25.8 38.8
229 24.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.547 ng/ul
RT: 23.136 min Scan# 4745
Delta R.T. 0.002 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05

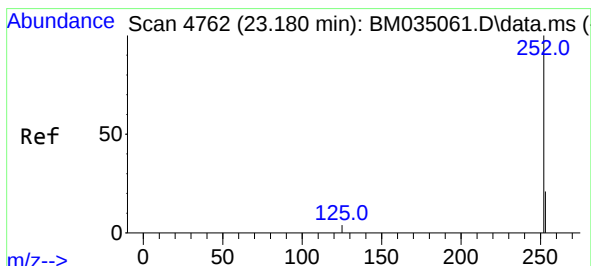
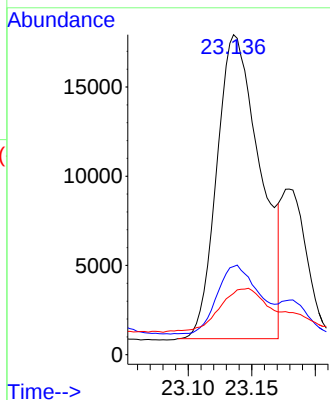
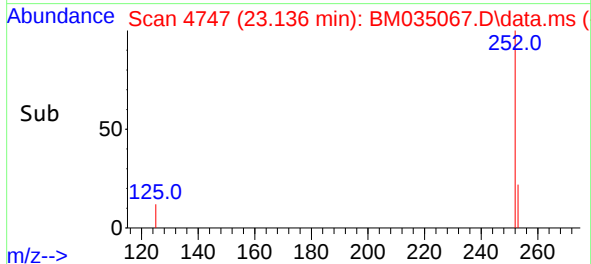
Instrument :
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ClientSampleId :
EW492DL



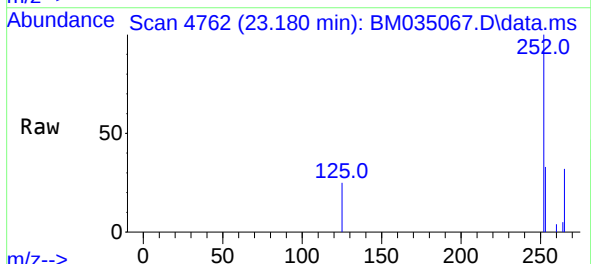
Tgt Ion:252 Resp: 4043
Ion Ratio Lower Upper
252 100
253 27.6 0.0 64.2
125 19.1 0.0 28.8

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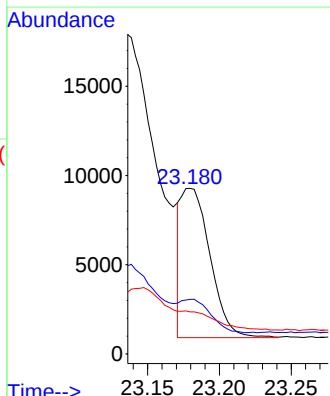
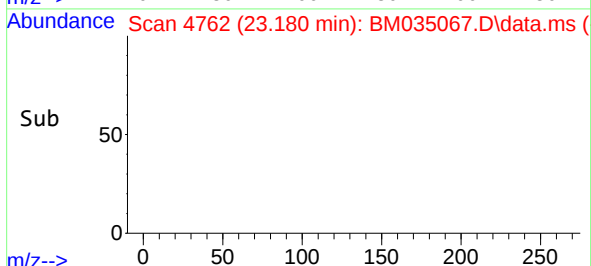
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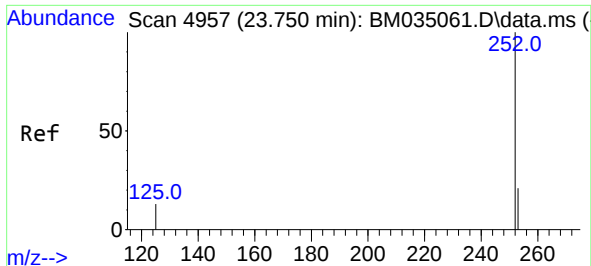


#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.001 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05



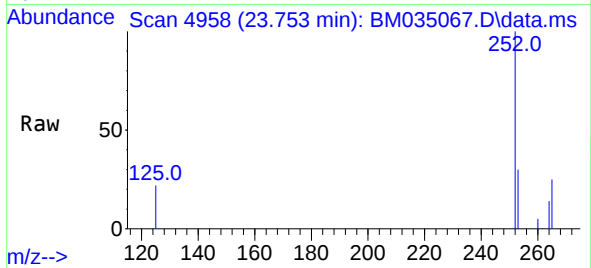
Tgt Ion:252 Resp: 11743
Ion Ratio Lower Upper
252 100
253 33.0 26.8 40.2
125 25.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.002 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05

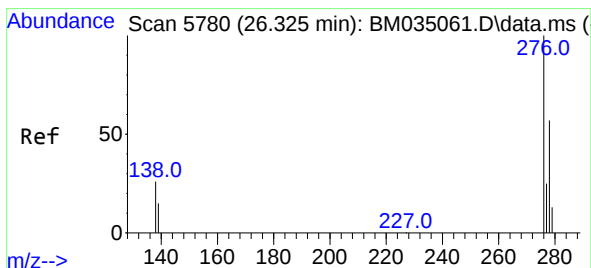
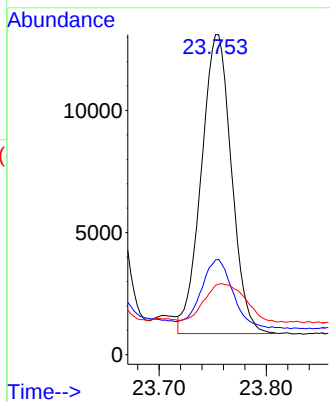
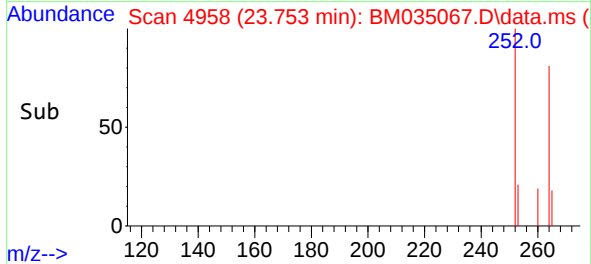
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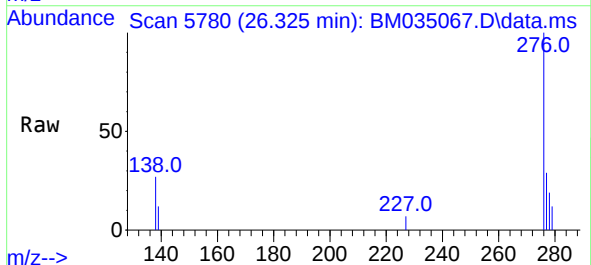
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Ion Ratio Lower Upper
252 100
253 29.6 32.0 48.0
125 21.7 14.5 21.7

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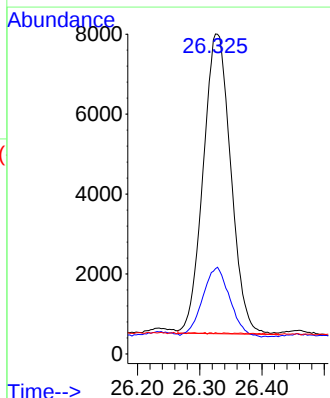
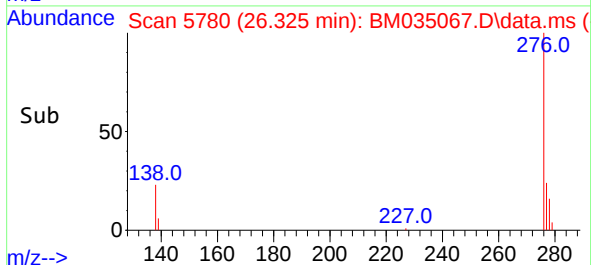
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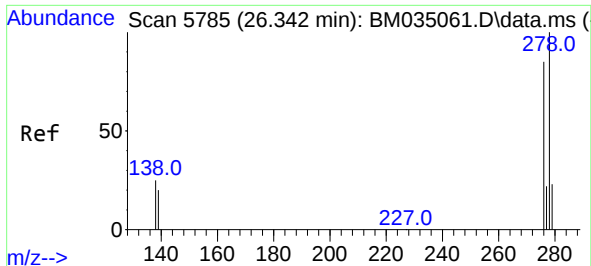


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05



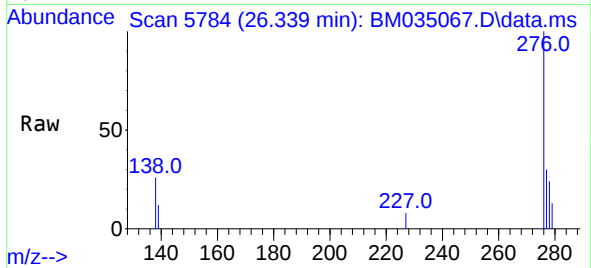
Tgt Ion:276 Resp: 23118
Ion Ratio Lower Upper
276 100
138 23.1 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 26.339 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05

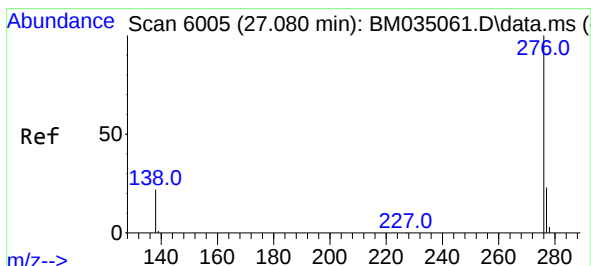
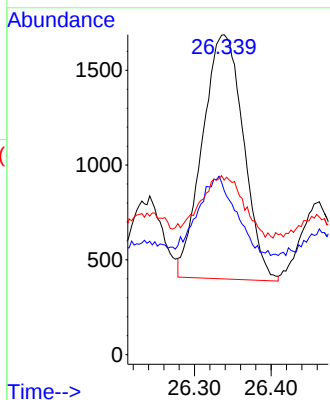
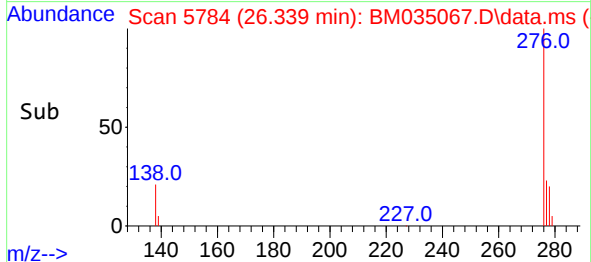
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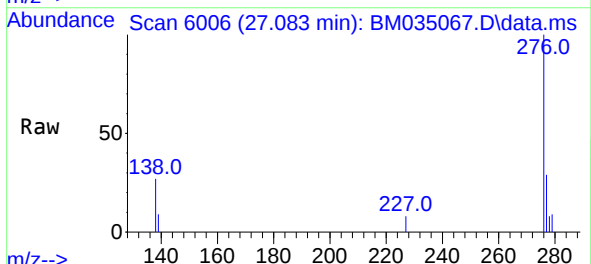
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Ion Ratio Lower Upper
278 100
139 51.4 18.0 27.0
279 54.6 28.6 42.8

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: 0.358 ng/ul
RT: 27.083 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035067.D
Acq: 14 May 2022 16:05



Tgt Ion:276 Resp: 20483
Ion Ratio Lower Upper
276 100
138 26.6 17.4 26.0
277 29.0 22.6 33.8

