

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035042.D
 Acq On : 13 May 2022 23:53
 Operator : CG/JU
 Sample : N2603-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW485

Manual Integrations
 APPROVED

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

Quant Time: May 14 00:36:59 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	3930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	12703	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	8533	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	18270	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	14478	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	14459	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	24885	5.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	6770	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	16249	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	1511	0.036	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	1025	0.037	ng/ul	97
8) 1-Methylnaphthalene	12.602	142	812	0.032	ng/ul	99
15) Phenanthrene	17.334	178	4272	0.061	ng/ul	98
19) Fluoranthene	19.350	202	8779	0.108	ng/ul#	83
20) Pyrene	19.708	202	7333m	0.089	ng/ul	
21) Benzo(a)anthracene	21.456	228	3287	0.049	ng/ul	93
22) Chrysene	21.509	228	4343	0.062	ng/ul	95
24) Benzo(b)fluoranthene	23.134	252	5969	0.079	ng/ul#	66
25) Benzo(k)fluoranthene	23.178	252	1723m	0.024	ng/ul	
26) Benzo(a)pyrene	23.751	252	3509	0.051	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.320	276	2552	0.037	ng/ul#	61
29) Benzo(g,h,i)perylene	27.077	276	2558	0.044	ng/ul#	73

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

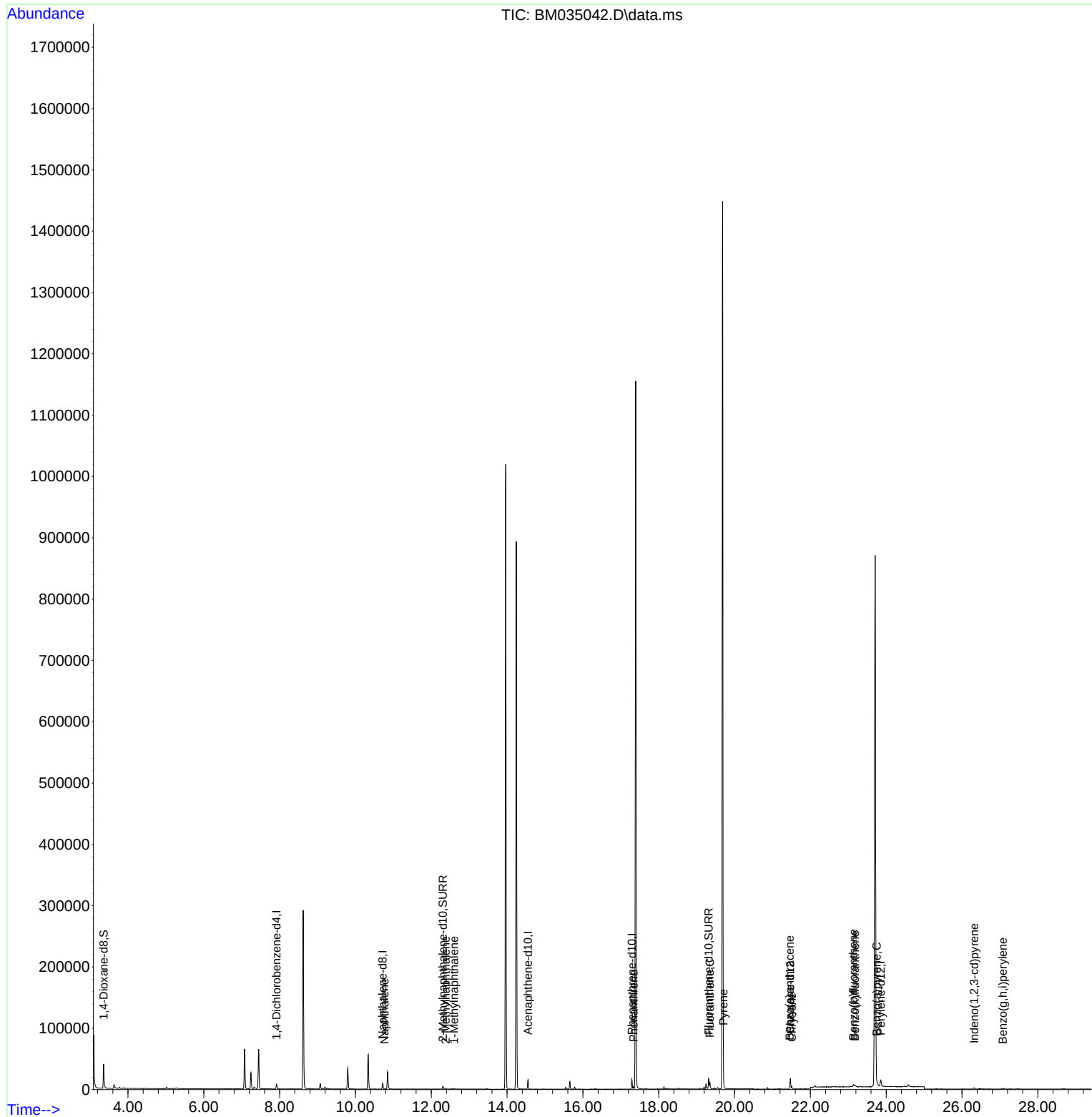
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035042.D
Acq On : 13 May 2022 23:53
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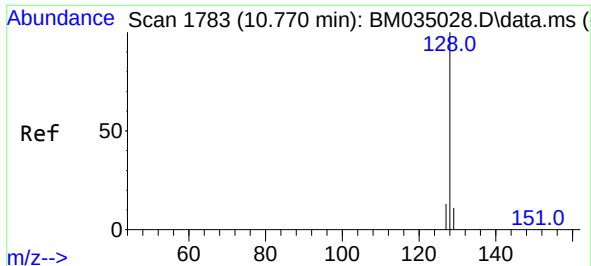
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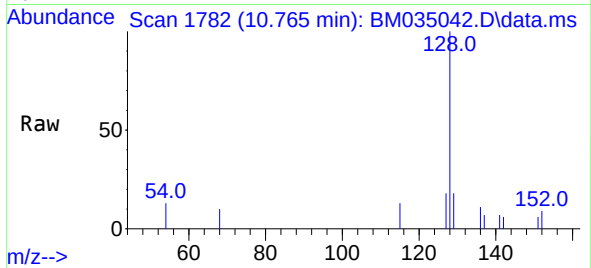
Quant Time: May 14 00:36:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.765 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

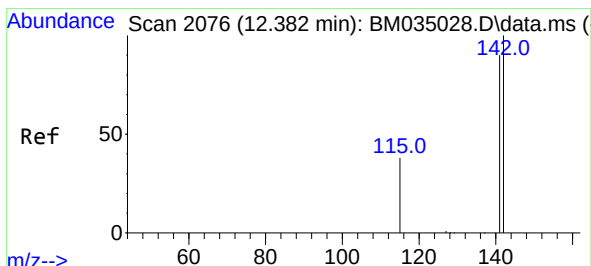
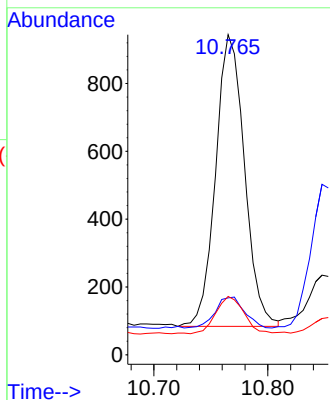
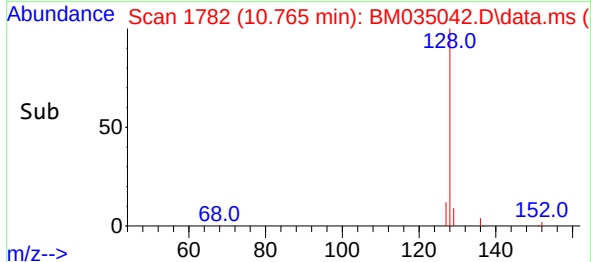
Instrument :
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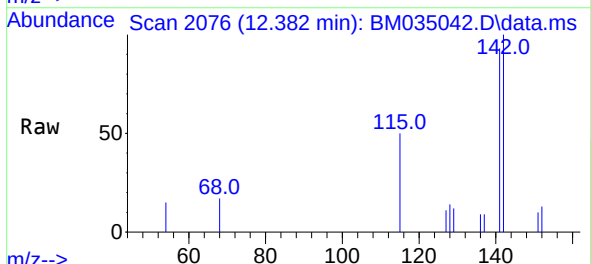
Tgt Ion:128 Resp: 151
Ion Ratio Lower Upper
128 100
129 17.8 13.4 20.2
127 18.2 15.2 22.8

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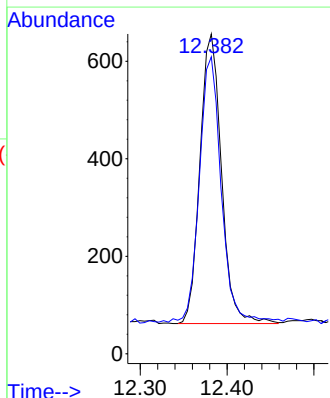
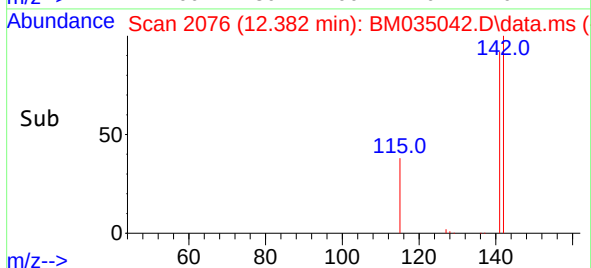
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

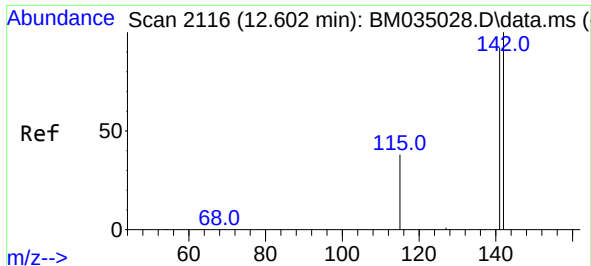


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53



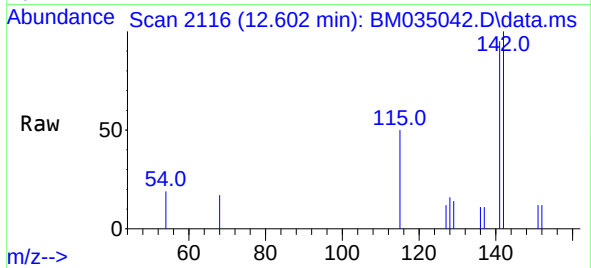
Tgt Ion:142 Resp: 1025
Ion Ratio Lower Upper
142 100
141 92.7 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.032 ng/u1
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

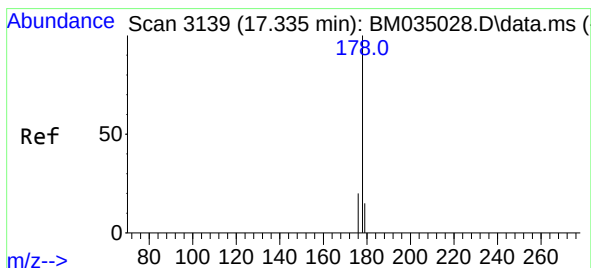
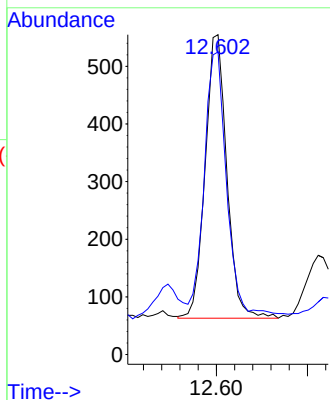
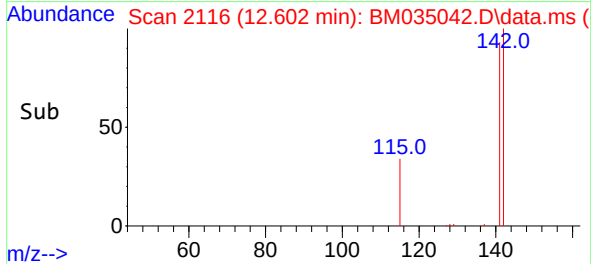
Instrument :
BNA_M
ClientSampleId :
EW485



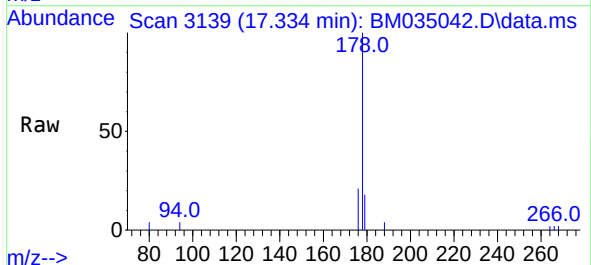
Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
141 94.6 75.0 112.4

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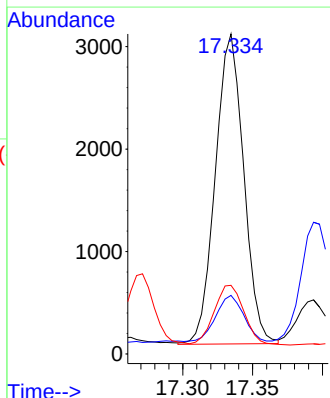
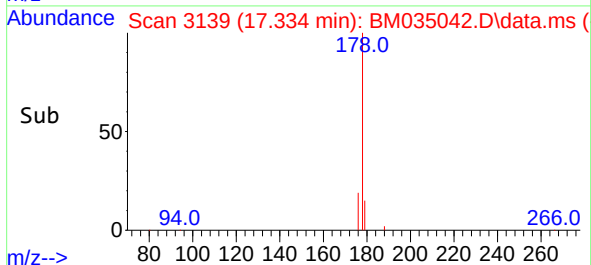
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

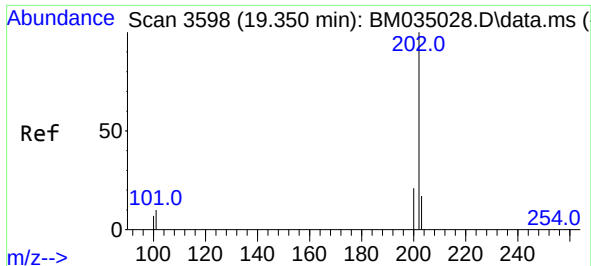


#15
Phenanthrene
Concen: 0.061 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53



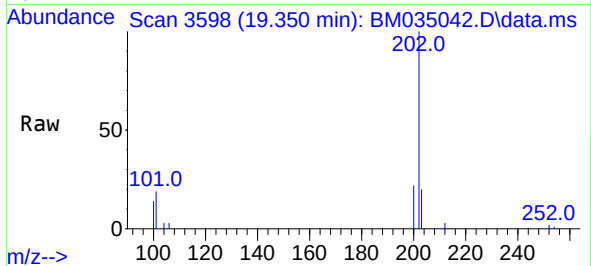
Tgt Ion:178 Resp: 4272
Ion Ratio Lower Upper
178 100
179 18.3 15.0 22.6
176 21.4 17.9 26.9





#19
Fluoranthene
Concen: 0.108 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

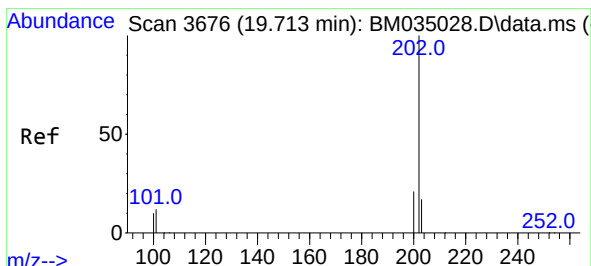
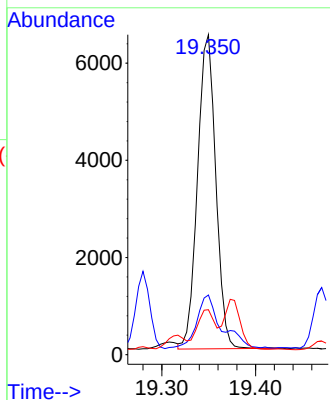
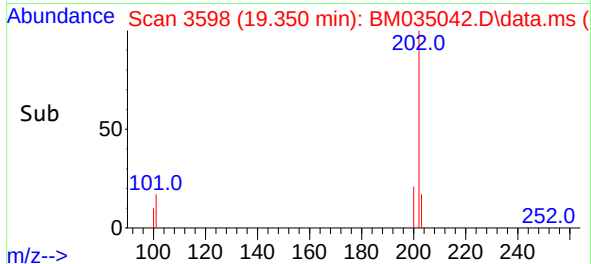
Instrument :
BNA_M
ClientSampleId :
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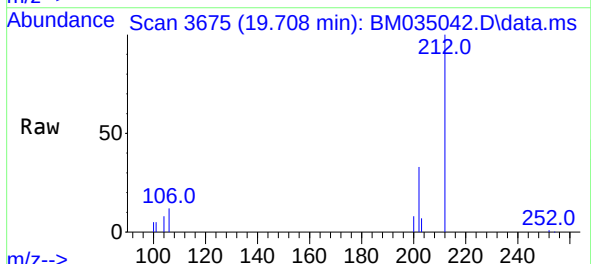
Tgt Ion:202 Resp: 8779
Ion Ratio Lower Upper
202 100
101 18.6 9.2 13.8#
100 14.0 7.2 10.8#

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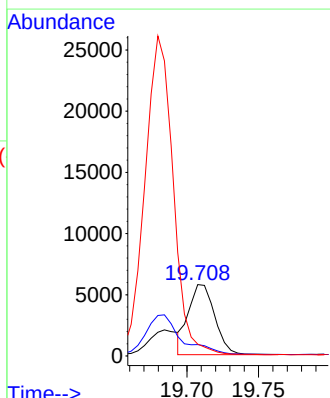
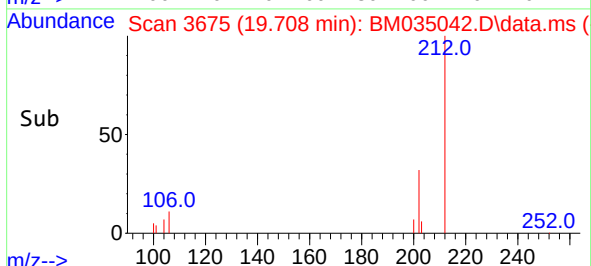
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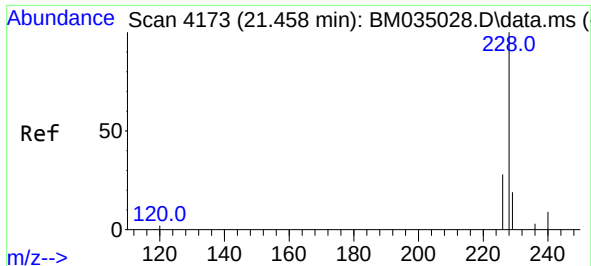


#20
Pyrene
Concen: 0.089 ng/u1 m
RT: 19.708 min Scan# 3675
Delta R.T. -0.004 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53



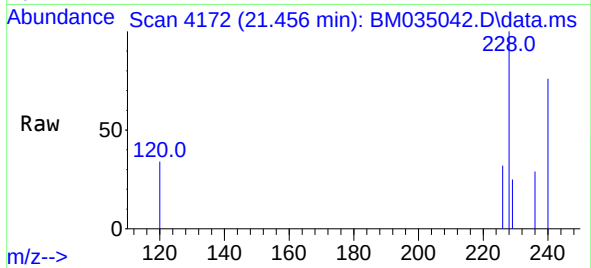
Tgt Ion:202 Resp: 7333
Ion Ratio Lower Upper
202 100
101 16.0 9.3 13.9#
100 16.5 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.049 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

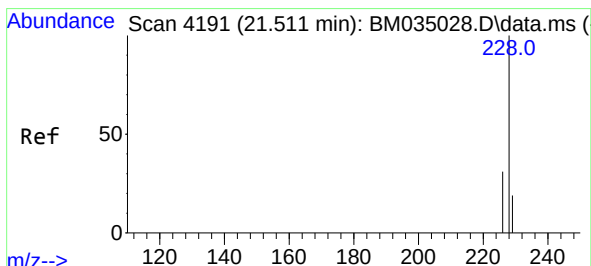
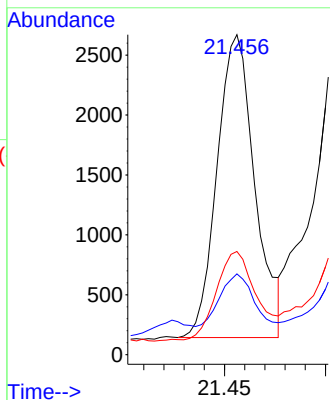
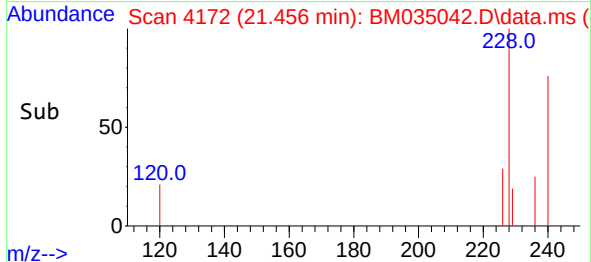
Instrument :
BNA_M
ClientSampleId :
EW485



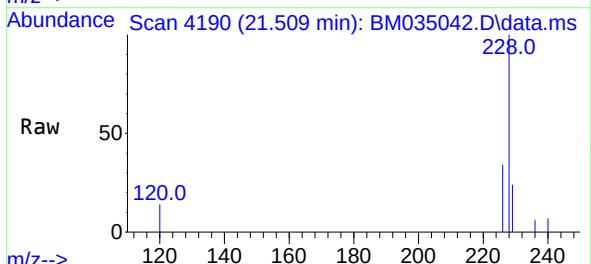
Tgt Ion:228 Resp: 328
Ion Ratio Lower Upper
228 100
229 25.3 17.3 25.9
226 32.3 23.2 34.8

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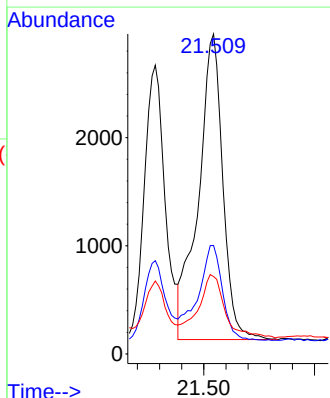
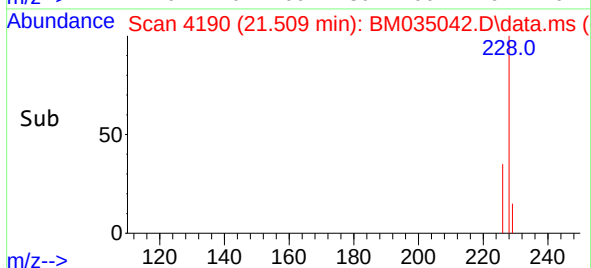
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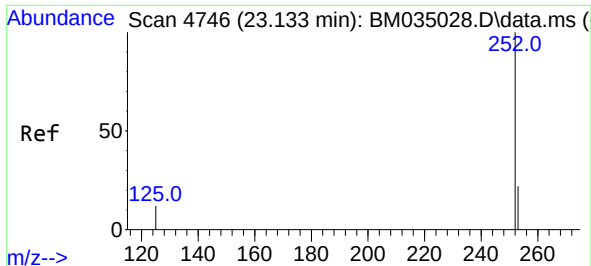


#22
Chrysene
Concen: 0.062 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53



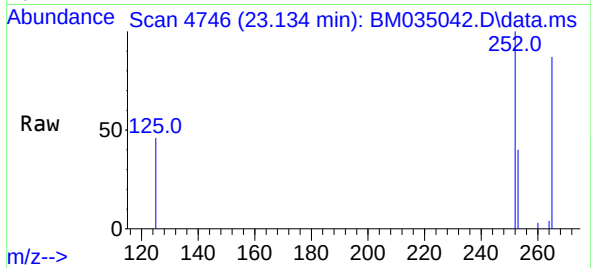
Tgt Ion:228 Resp: 4343
Ion Ratio Lower Upper
228 100
226 33.9 25.8 38.8
229 24.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.079 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

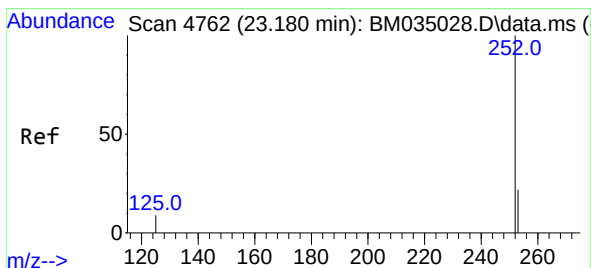
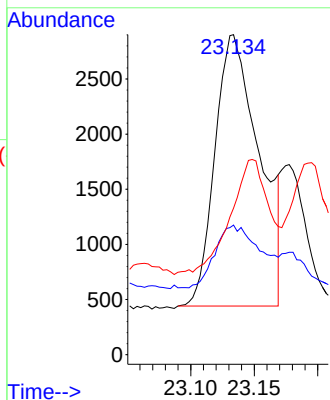
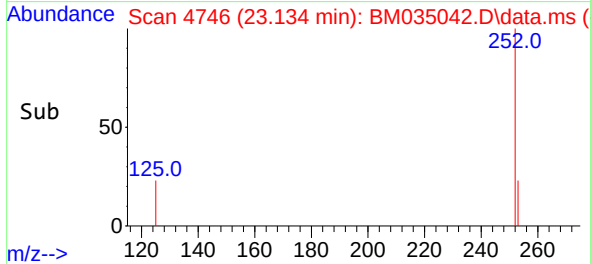
Instrument :
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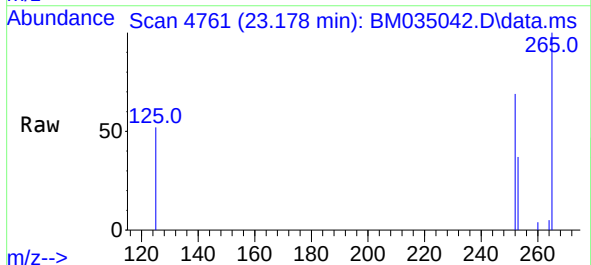
Tgt Ion:252 Resp: 5969
Ion Ratio Lower Upper
252 100
253 40.5 0.0 64.2
125 45.8 0.0 28.8

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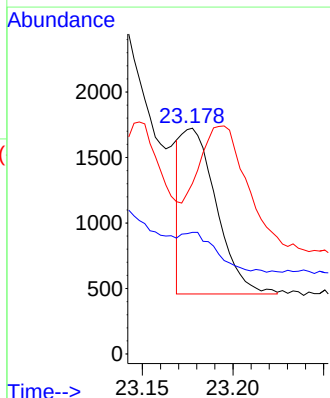
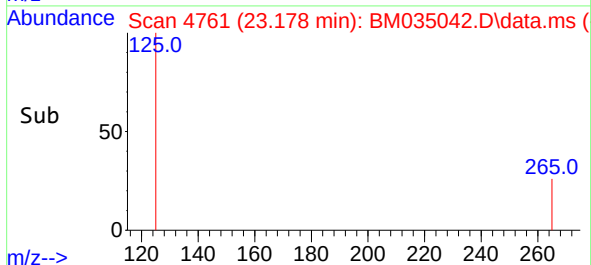
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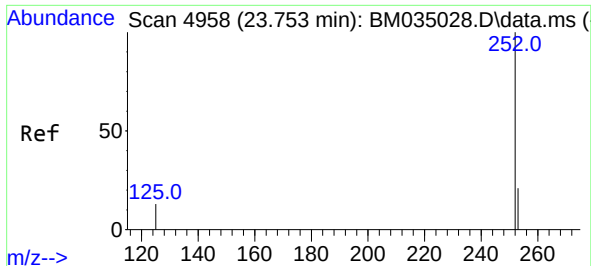


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53



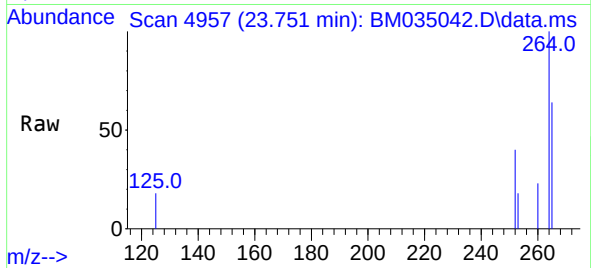
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Ion Ratio Lower Upper
252 100
253 53.8 26.8 40.2#
125 75.5 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.051 ng/u1
RT: 23.751 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

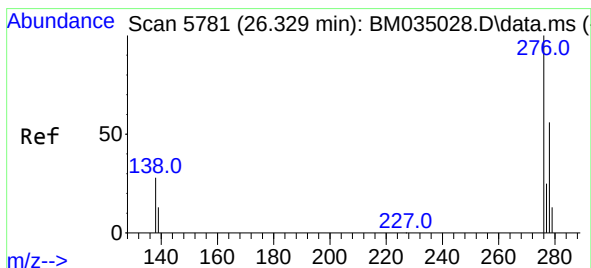
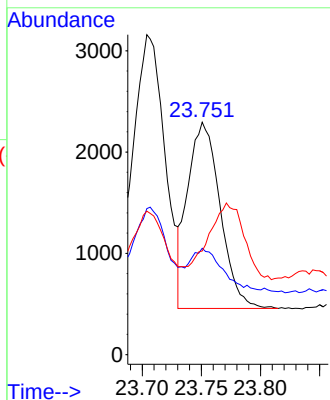
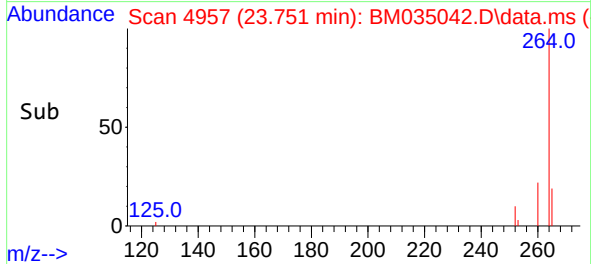
Instrument :
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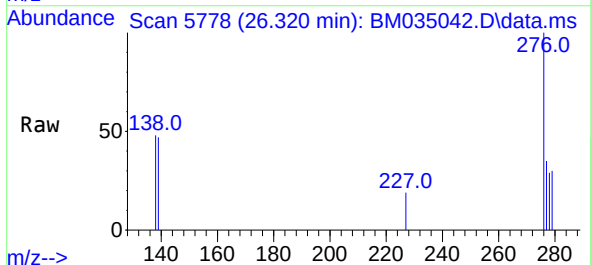
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Ion Ratio Lower Upper
252 100
253 45.8 32.0 48.0
125 44.6 14.5 21.7

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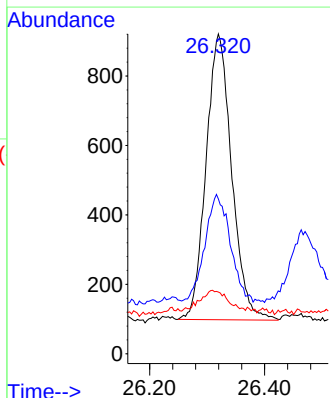
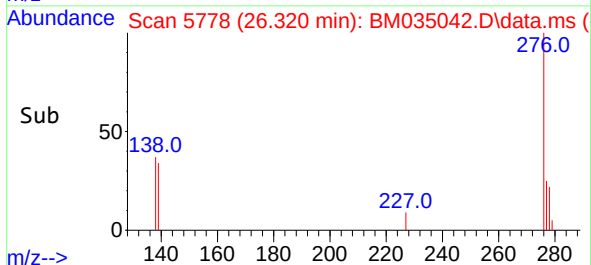
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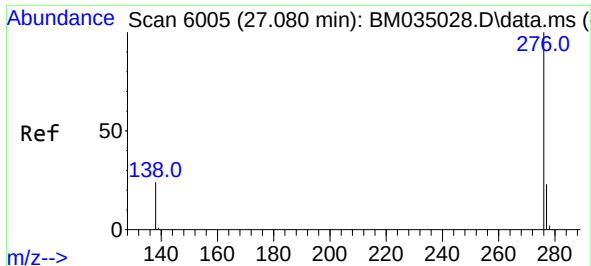


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/u1
RT: 26.320 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53



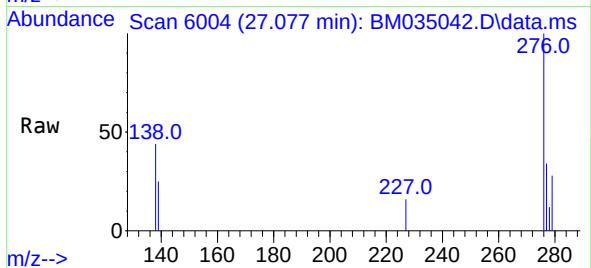
Tgt Ion:276 Resp: 2552
Ion Ratio Lower Upper
276 100
138 37.7 15.8 23.6#
227 9.2 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 27.077 min Scan# 6004
Delta R.T. -0.003 min
Lab File: BM035042.D
Acq: 13 May 2022 23:53

Instrument :
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Tgt Ion:276 Resp: 2558
Ion Ratio Lower Upper
276 100
138 44.0 17.4 26.0
277 33.9 22.6 33.8

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