

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035071.D
 Acq On : 14 May 2022 18:29
 Operator : CG/JU
 Sample : N2632-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A4

Quant Time: May 15 01:31:53 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)

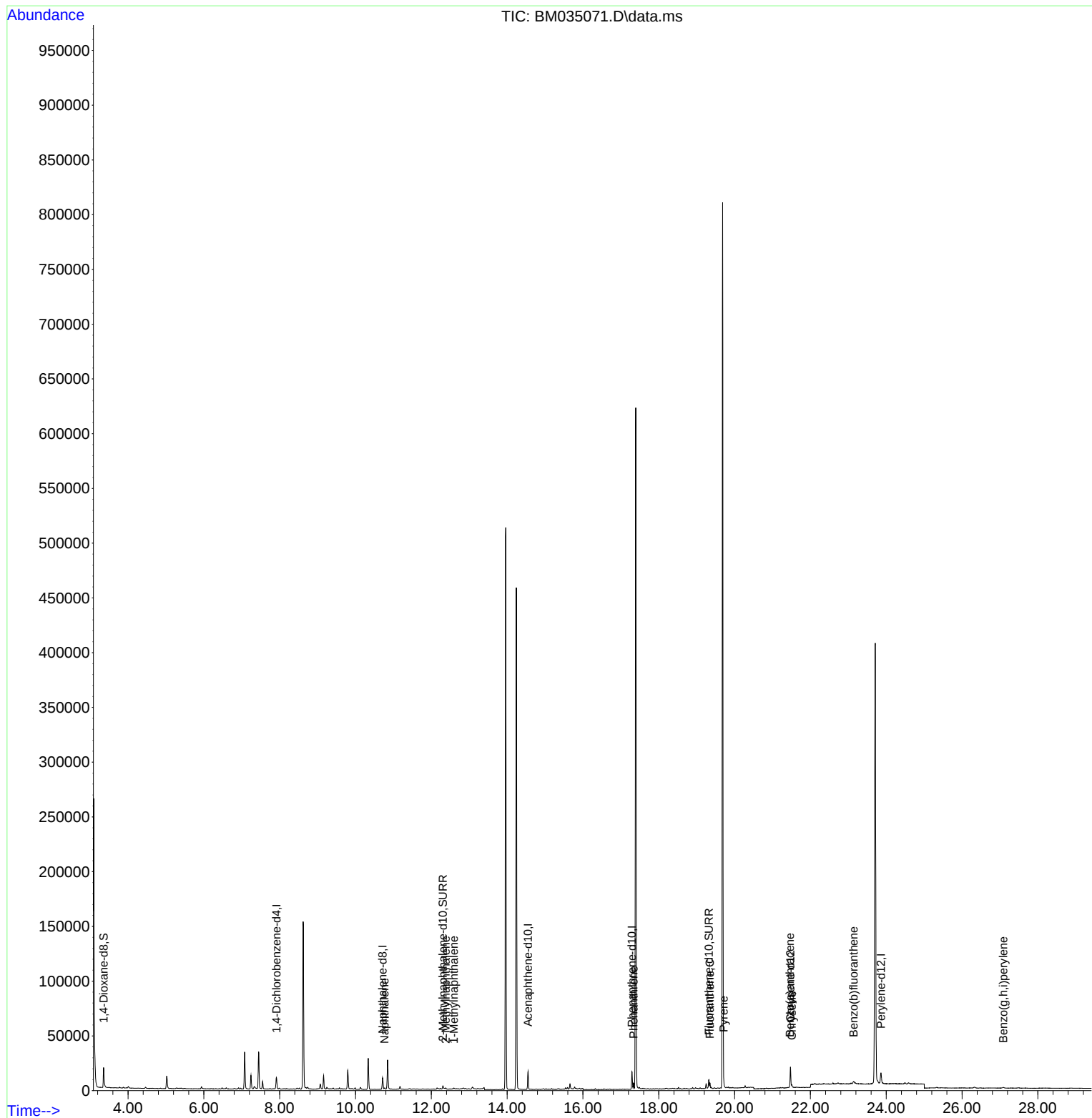
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	13385	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	8865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	19165	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	15696	0.400	ng/ul	# 0.00
23) Perylene-d12	23.862	264	13532	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	12392	2.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	3689	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	9378	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	1823	0.041	ng/ul	99
7) 2-Methylnaphthalene	12.382	142	726	0.025	ng/ul	93
8) 1-Methylnaphthalene	12.596	142	635	0.024	ng/ul	91
15) Phenanthrene	17.334	178	6150	0.084	ng/ul	98
19) Fluoranthene	19.350	202	4055	0.046	ng/ul#	90
20) Pyrene	19.712	202	4419	0.049	ng/ul#	86
21) Benzo(a)anthracene	21.459	228	1502	0.021	ng/ul#	48
22) Chrysene	21.509	228	3248	0.043	ng/ul#	58
24) Benzo(b)fluoranthene	23.139	252	1963	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.091	276	1357	0.025	ng/ul#	32

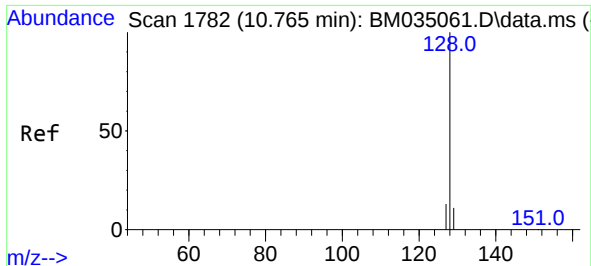
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

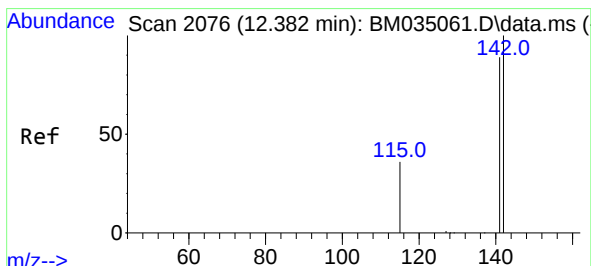
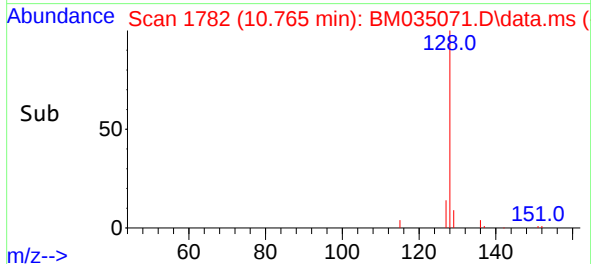
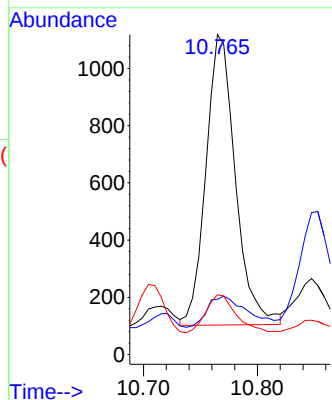
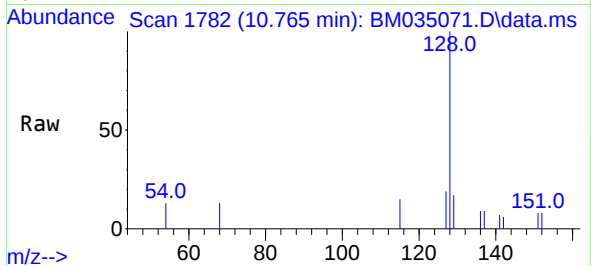




#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.765 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

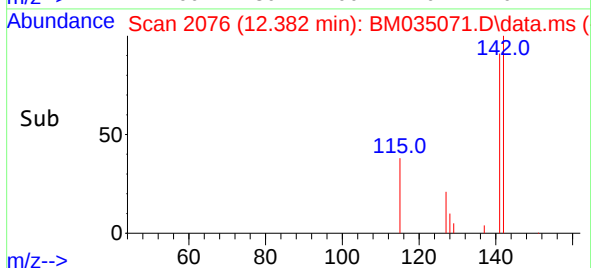
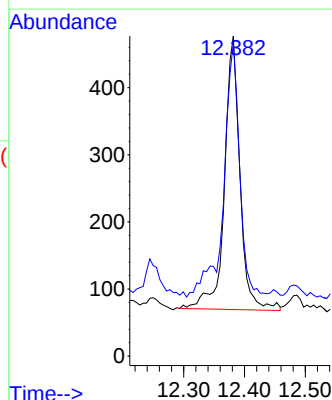
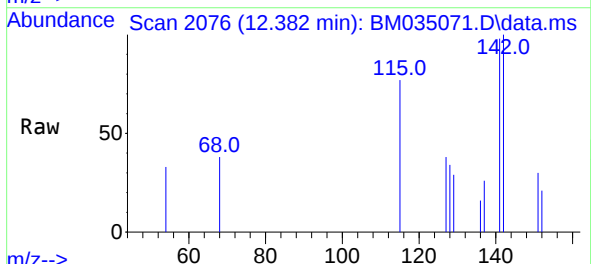
Instrument :
BNA_M
ClientSampleId :
EW4A4

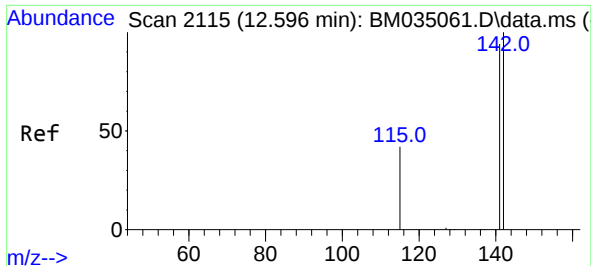
Tgt Ion:128 Resp: 1823
Ion Ratio Lower Upper
128 100
129 17.3 13.4 20.2
127 18.7 15.2 22.8



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

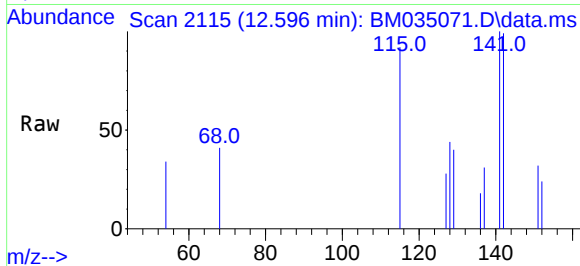
Tgt Ion:142 Resp: 726
Ion Ratio Lower Upper
142 100
141 96.3 71.8 107.6



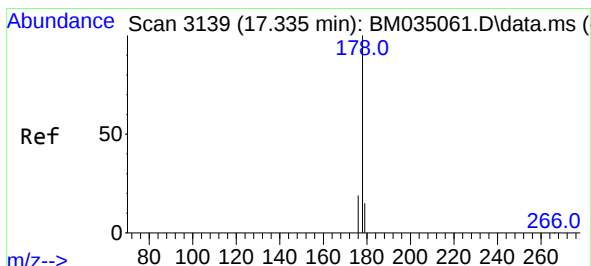
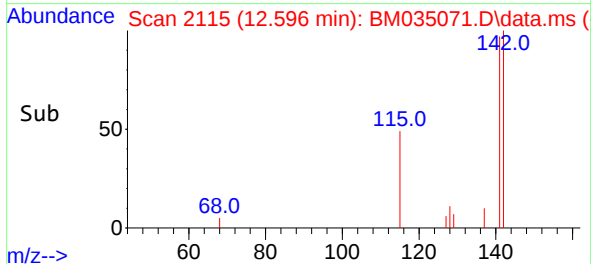
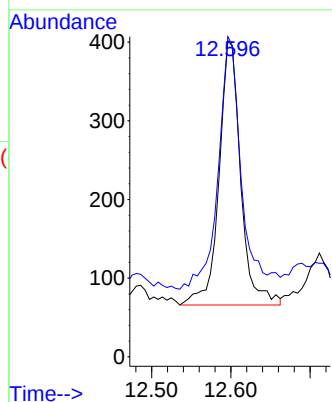


#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

Instrument :
BNA_M
ClientSampleId :
EW4A4

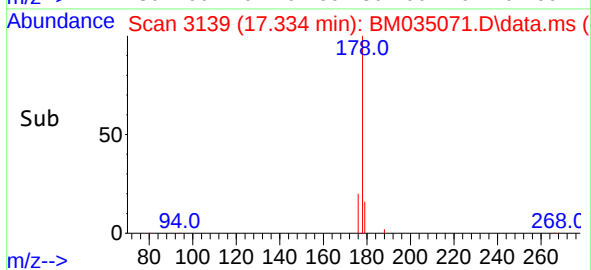
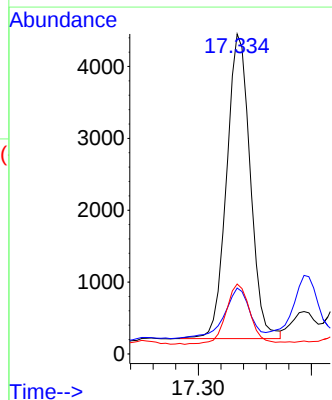
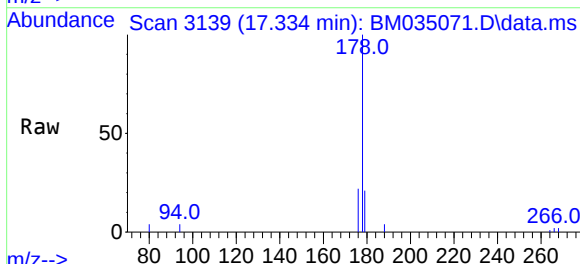


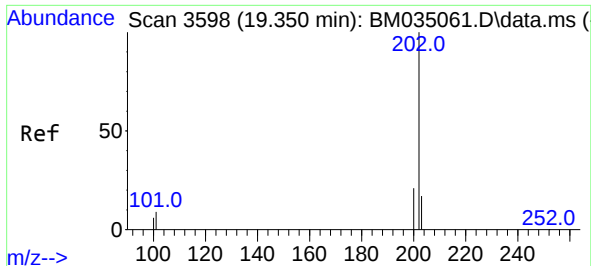
Tgt Ion:142 Resp: 635
Ion Ratio Lower Upper
142 100
141 102.0 75.0 112.4



#15
Phenanthrene
Concen: 0.084 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

Tgt Ion:178 Resp: 6150
Ion Ratio Lower Upper
178 100
179 20.6 15.0 22.6
176 21.9 17.9 26.9

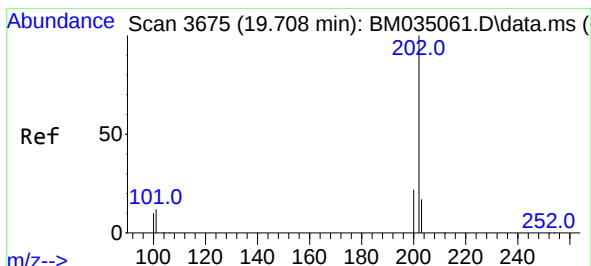
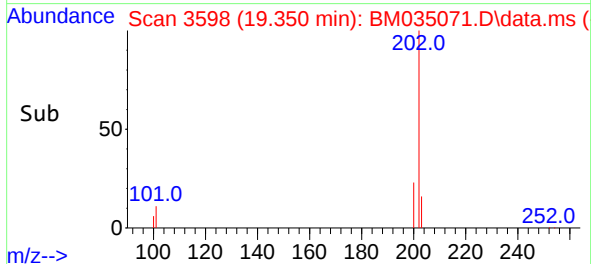
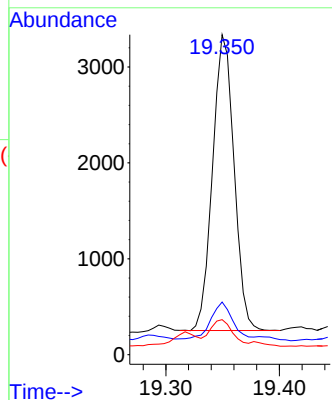
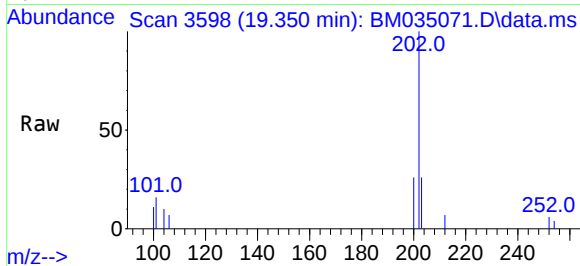




#19
Fluoranthene
Concen: 0.046 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

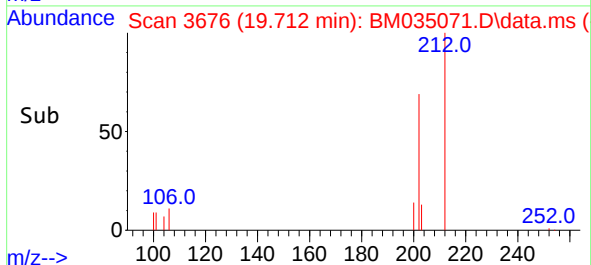
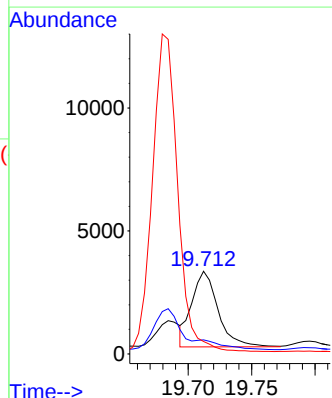
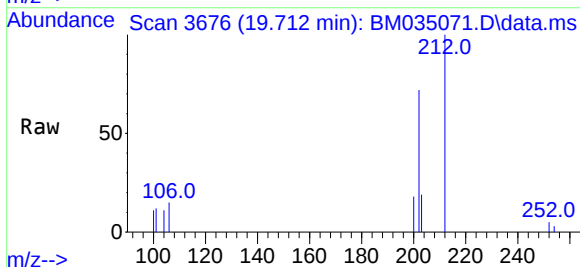
Instrument :
BNA_M
ClientSampleId :
EW4A4

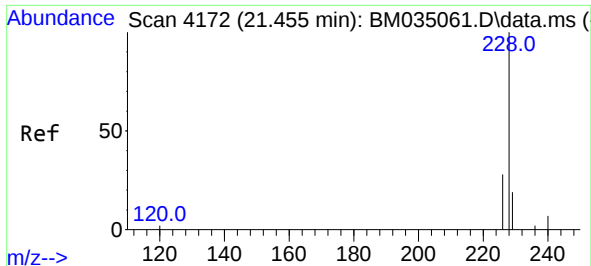
Tgt Ion:202 Resp: 4055
Ion Ratio Lower Upper
202 100
101 16.5 9.2 13.8#
100 11.0 7.2 10.8#



#20
Pyrene
Concen: 0.049 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

Tgt Ion:202 Resp: 4419
Ion Ratio Lower Upper
202 100
101 17.0 9.3 13.9#
100 15.1 7.8 11.6#

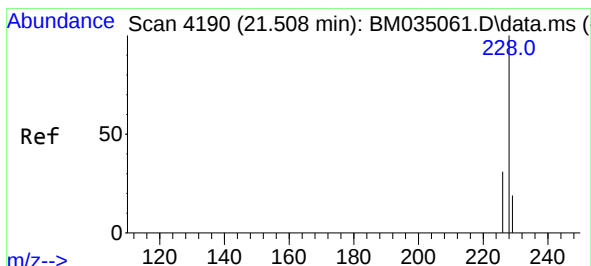
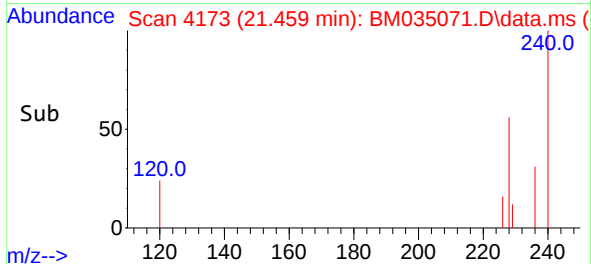
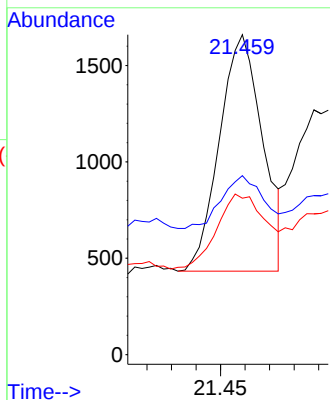
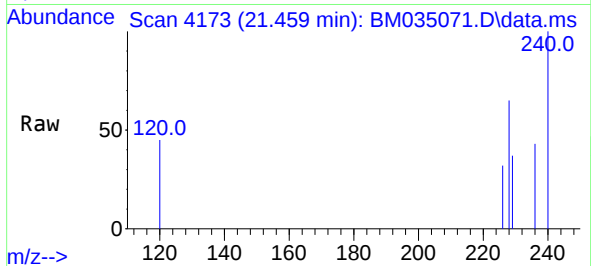




#21
Benzo(a)anthracene
Concen: 0.021 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

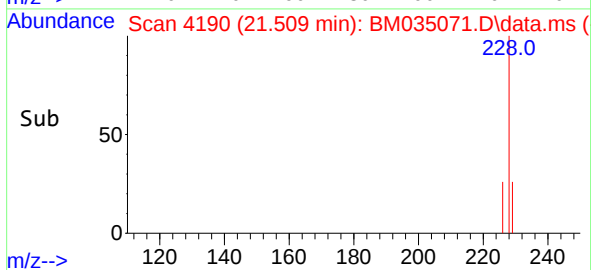
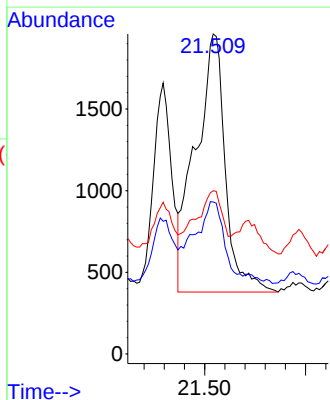
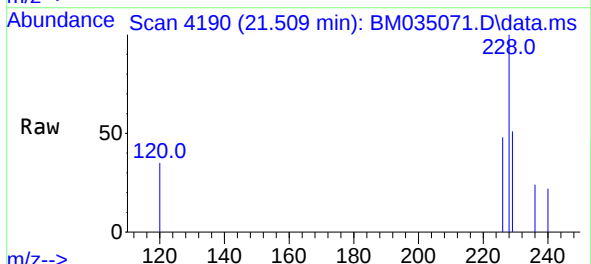
Instrument :
BNA_M
ClientSampleId :
EW4A4

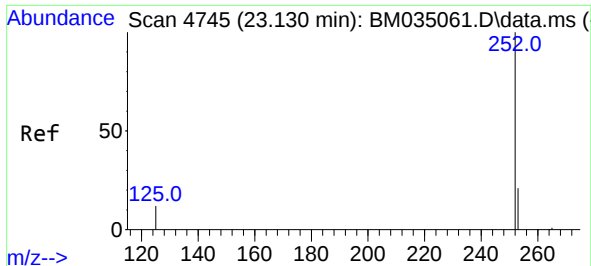
Tgt Ion:228 Resp: 1502
Ion Ratio Lower Upper
228 100
229 56.0 17.3 25.9#
226 48.9 23.2 34.8#



#22
Chrysene
Concen: 0.043 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

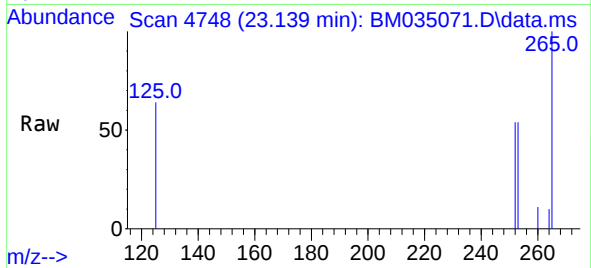
Tgt Ion:228 Resp: 3248
Ion Ratio Lower Upper
228 100
226 47.5 25.8 38.8#
229 51.0 16.7 25.1#



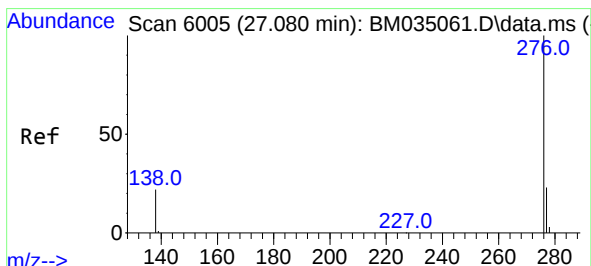
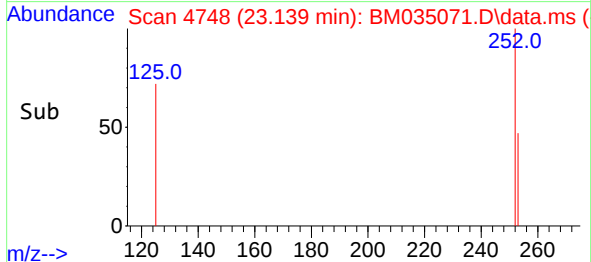
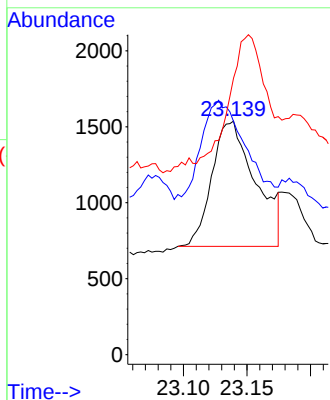


#24
Benzo(b)fluoranthene
Concen: 0.028 ng/ul
RT: 23.139 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

Instrument :
BNA_M
ClientSampleId :
EW4A4



Tgt Ion:252 Resp: 1963
Ion Ratio Lower Upper
252 100
253 99.8 0.0 64.2#
125 118.5 0.0 28.8#



#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035071.D
Acq: 14 May 2022 18:29

Tgt Ion:276 Resp: 1357
Ion Ratio Lower Upper
276 100
138 58.2 17.4 26.0#
277 60.0 22.6 33.8#

