

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035533.D
 Acq On : 20 Jun 2022 14:14
 Operator : CG/JU
 Sample : N3226-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N9

Quant Time: Jun 21 01:28:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

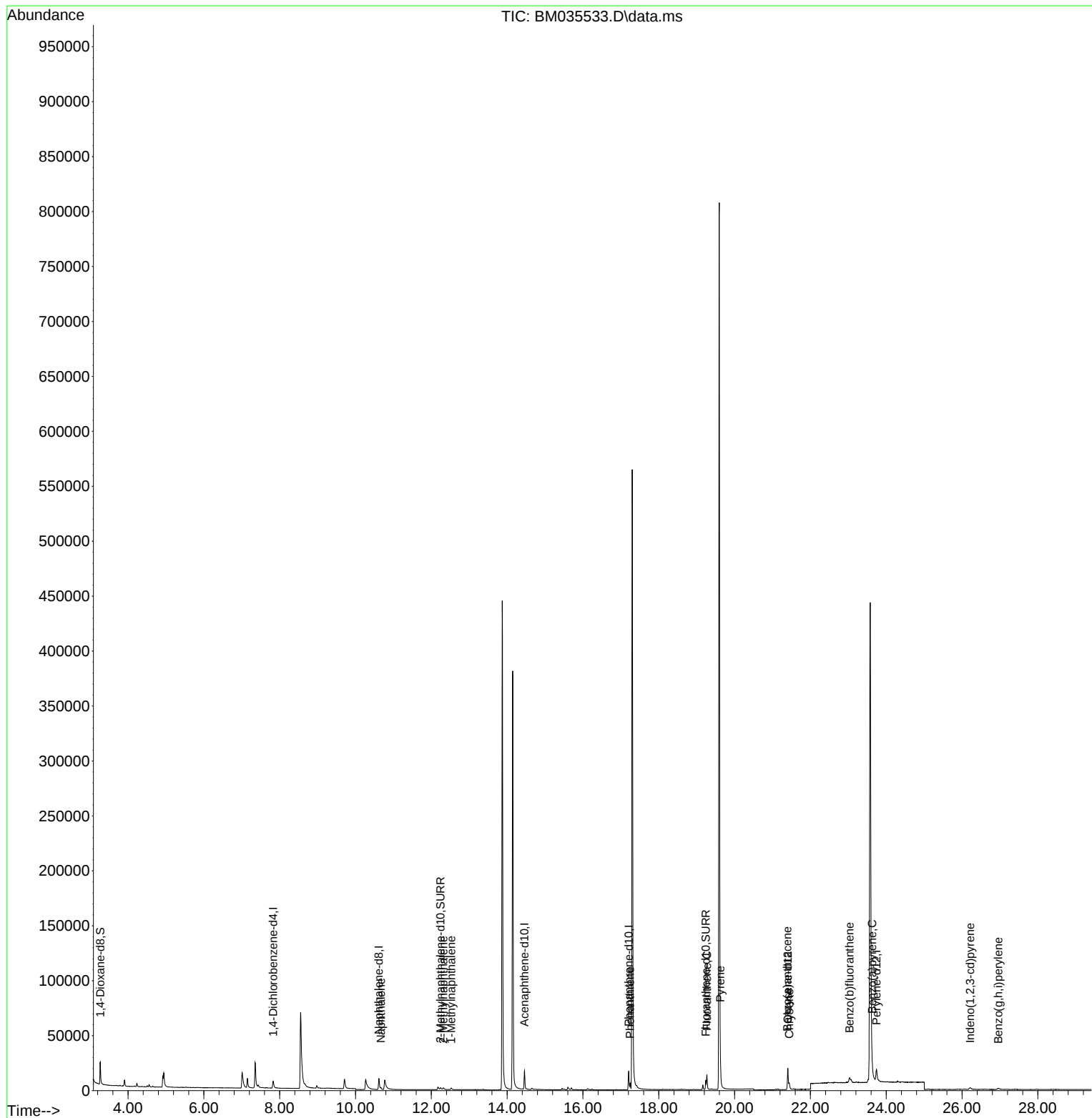
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4794	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	15747	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.459	164	9585	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	21383	0.400	ng/ul	-0.02
17) Chrysene-d12	21.406	240	18886	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	17943	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	13459	1.995	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	3357	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	8936	0.141	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.671	128	2489	0.047	ng/ul#	91
7) 2-Methylnaphthalene	12.316	142	1948	0.064	ng/ul	95
8) 1-Methylnaphthalene	12.525	142	1400	0.050	ng/ul	98
15) Phenanthrene	17.246	178	6272	0.080	ng/ul	98
19) Fluoranthene	19.271	202	12049	0.125	ng/ul	98
20) Pyrene	19.624	202	12467	0.123	ng/ul#	90
21) Benzo(a)anthracene	21.395	228	5108	0.072	ng/ul#	90
22) Chrysene	21.441	228	6000	0.071	ng/ul	95
24) Benzo(b)fluoranthene	23.031	252	8114	0.103	ng/ul	69
26) Benzo(a)pyrene	23.628	252	5469	0.067	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.212	276	3422	0.036	ng/ul#	100
29) Benzo(g,h,i)perylene	26.957	276	2884	0.034	ng/ul#	71

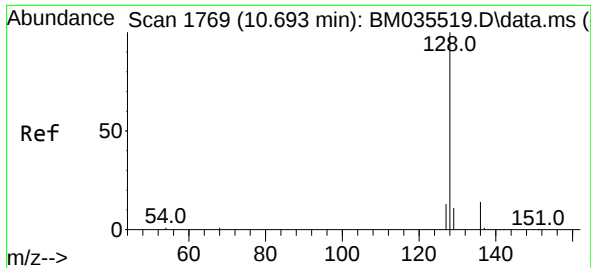
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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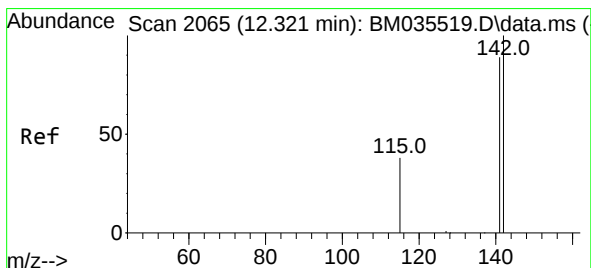
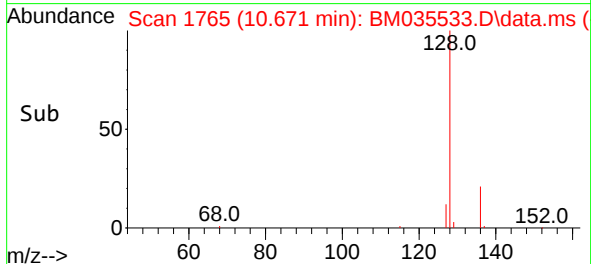
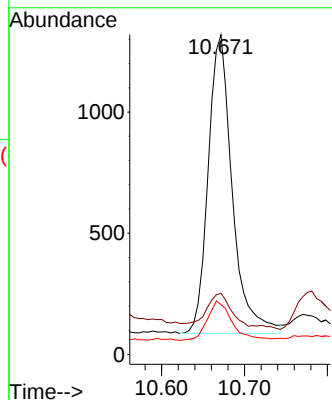
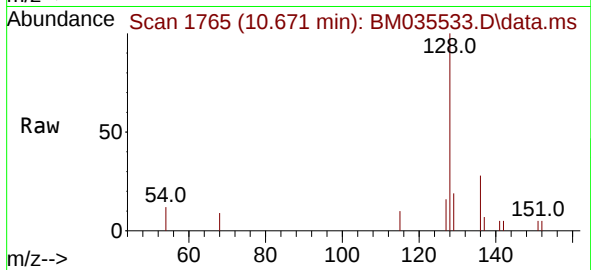




#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.671 min Scan# 1765
Delta R.T. -0.022 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

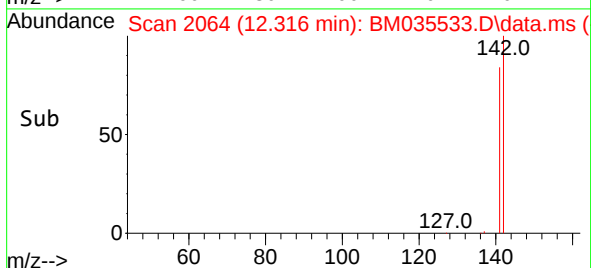
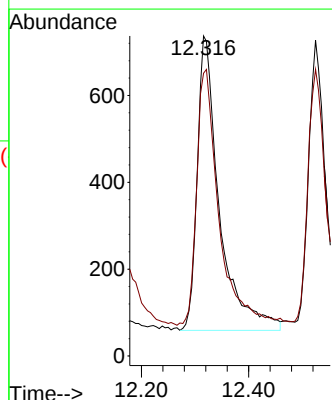
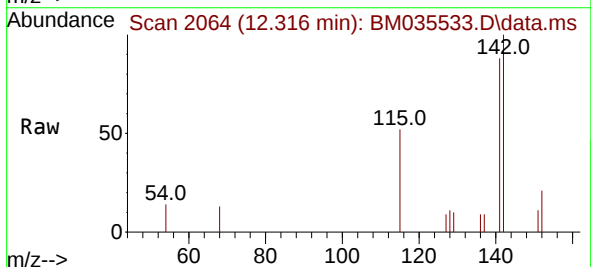
Instrument :
BNA_M
ClientSampleId :
EW4N9

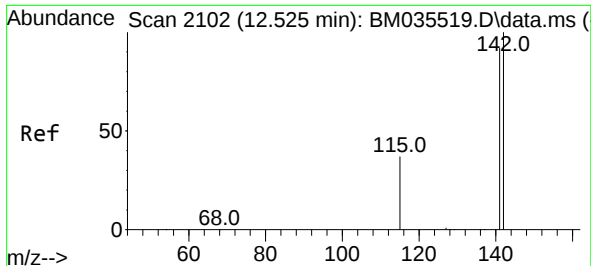
Tgt Ion:128 Resp: 2489
Ion Ratio Lower Upper
128 100
129 19.1 10.1 15.1#
127 15.6 11.4 17.2



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Tgt Ion:142 Resp: 1948
Ion Ratio Lower Upper
142 100
141 87.1 73.8 110.8

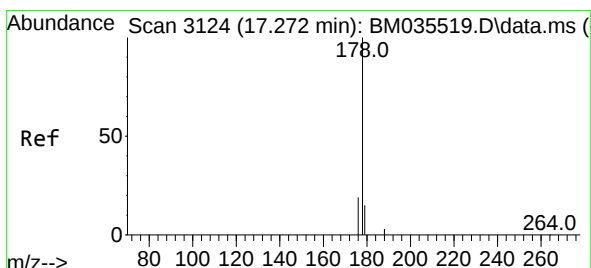
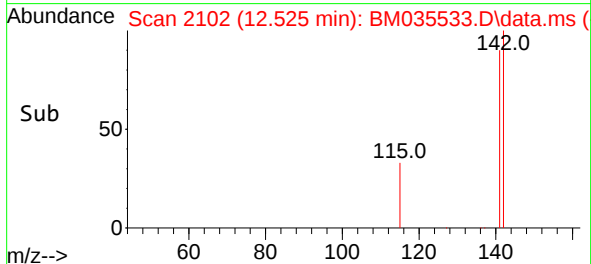
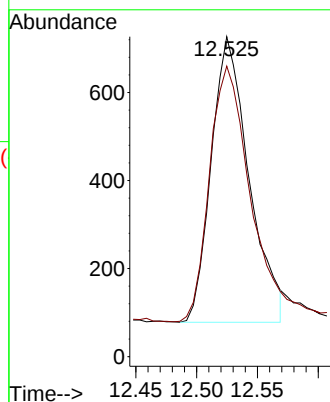
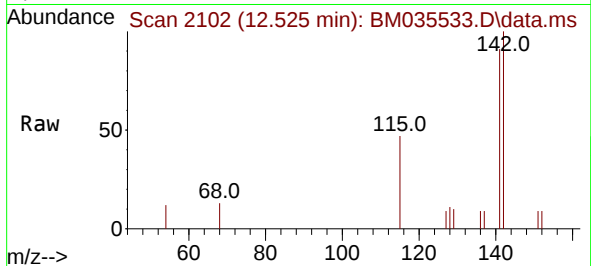




#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

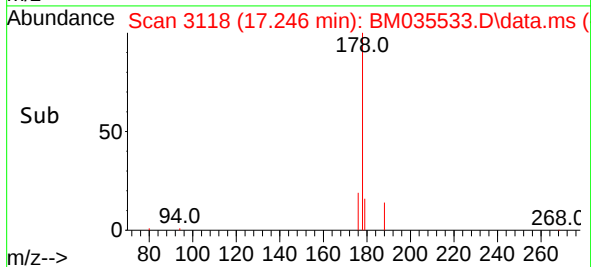
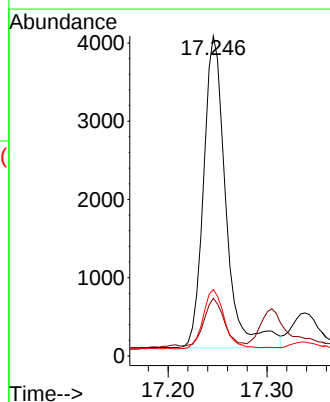
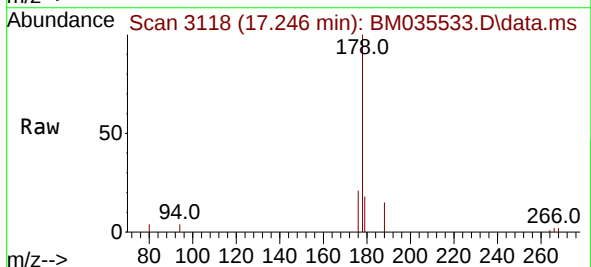
Instrument :
BNA_M
ClientSampleId :
EW4N9

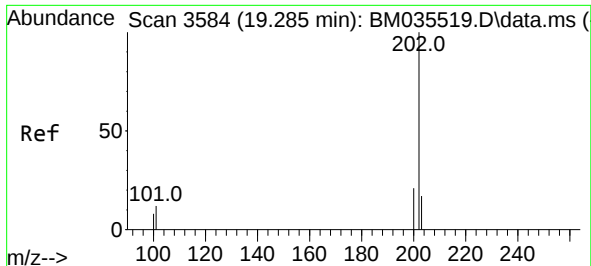
Tgt Ion:142 Resp: 1400
Ion Ratio Lower Upper
142 100
141 94.9 74.6 111.8



#15
Phenanthrene
Concen: 0.080 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. -0.026 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Tgt Ion:178 Resp: 6272
Ion Ratio Lower Upper
178 100
179 18.0 13.2 19.8
176 20.7 16.2 24.4

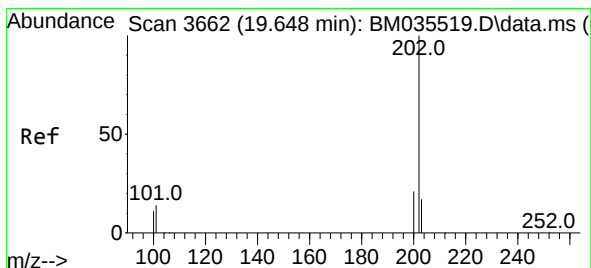
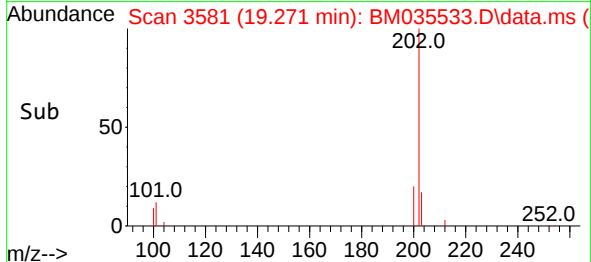
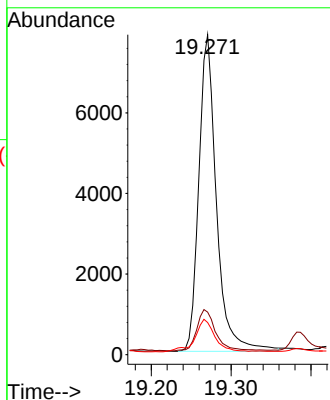
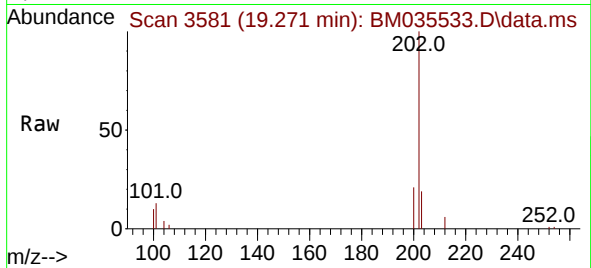




#19
Fluoranthene
Concen: 0.125 ng/ul
RT: 19.271 min Scan# 31
Delta R.T. -0.015 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

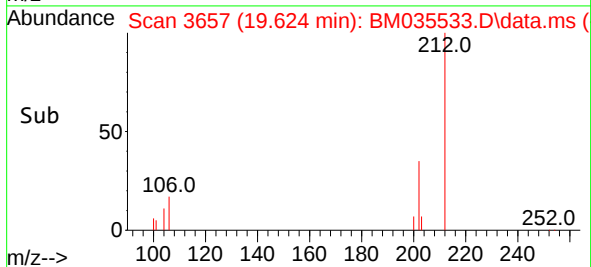
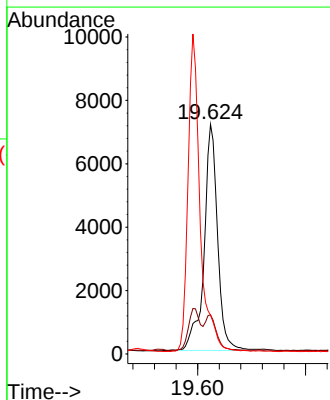
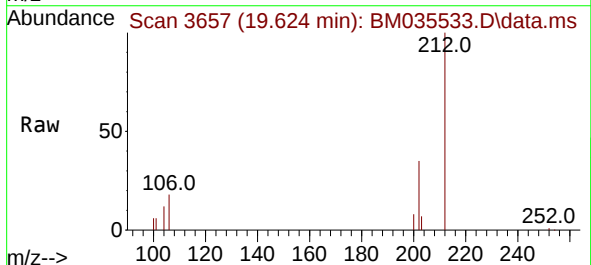
Instrument :
BNA_M
ClientSampleId :
EW4N9

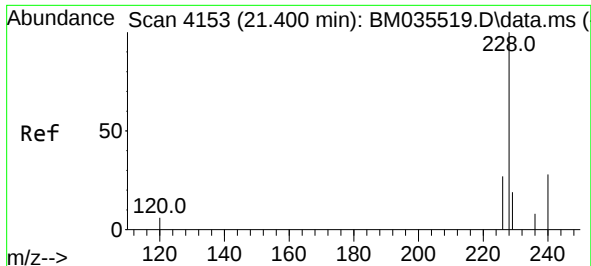
Tgt Ion:202 Resp: 12049
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.1 7.5 11.3



#20
Pyrene
Concen: 0.123 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.024 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

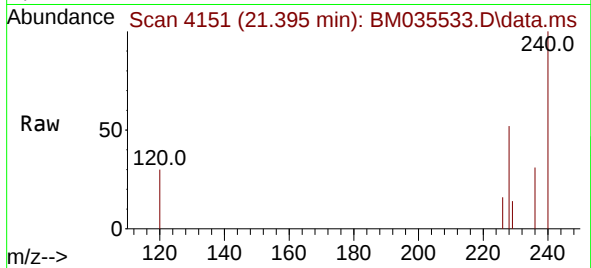
Tgt Ion:202 Resp: 12467
Ion Ratio Lower Upper
202 100
101 17.1 11.6 17.4
100 16.8 9.3 13.9#



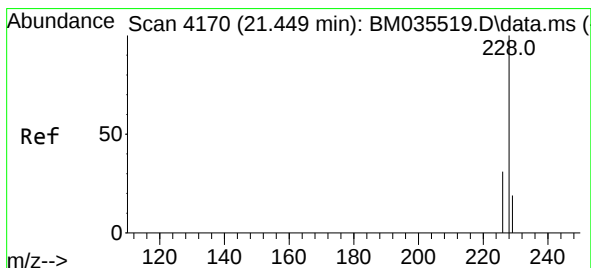
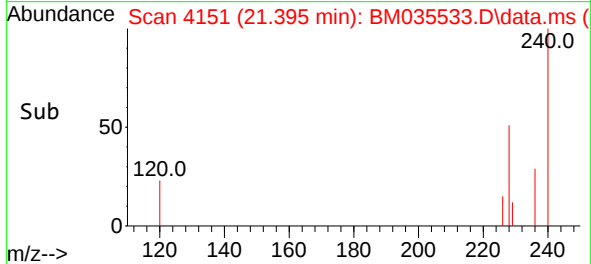
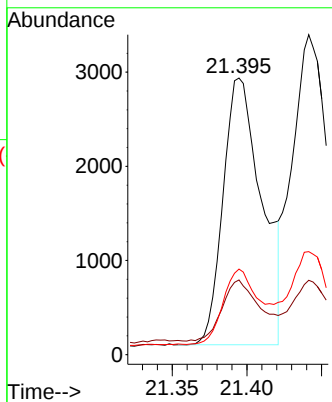


#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.395 min Scan# 4153
Delta R.T. -0.005 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Instrument :
BNA_M
ClientSampleId :
EW4N9

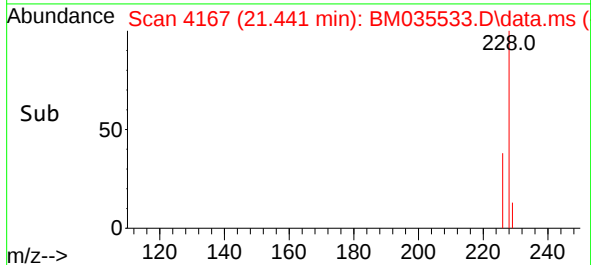
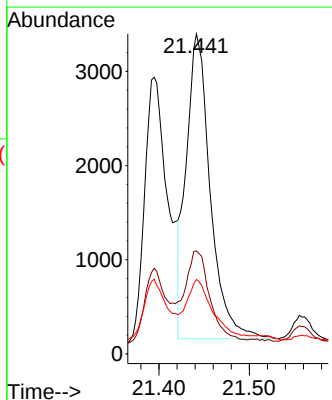
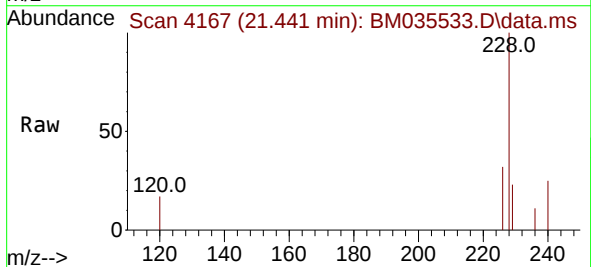


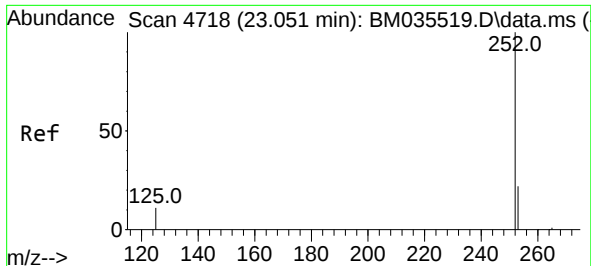
Tgt Ion:228 Resp: 5108
Ion Ratio Lower Upper
228 100
229 27.0 16.2 24.2#
226 30.9 22.3 33.5



#22
Chrysene
Concen: 0.071 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. -0.008 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Tgt Ion:228 Resp: 6000
Ion Ratio Lower Upper
228 100
226 32.2 24.5 36.7
229 23.2 15.8 23.8

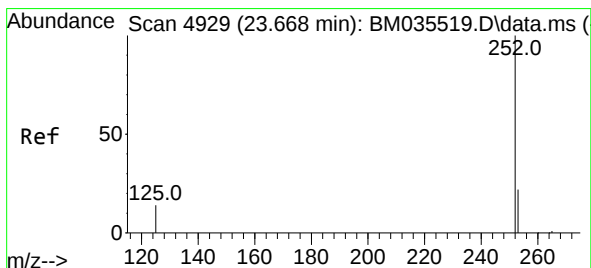
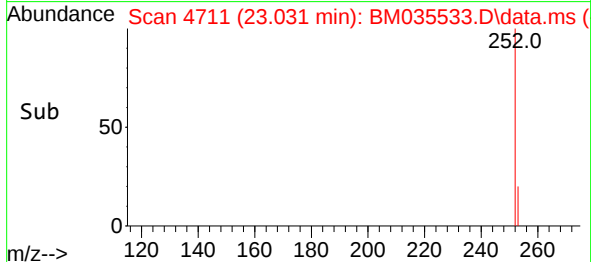
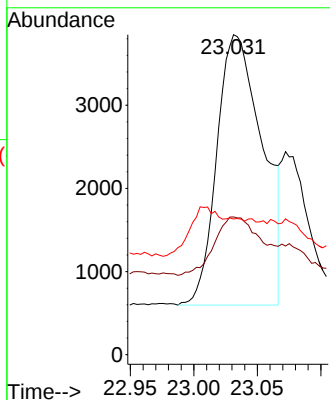
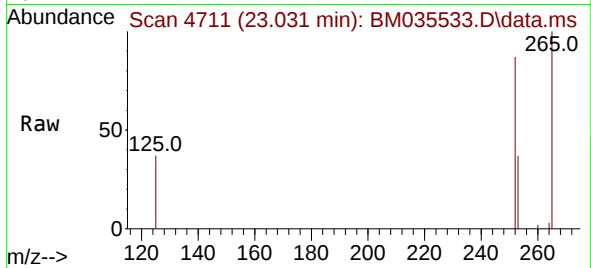




#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.031 min Scan# 41
Delta R.T. -0.020 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

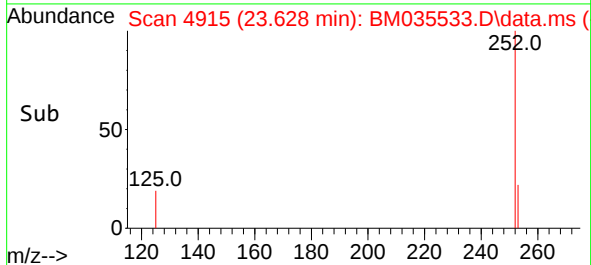
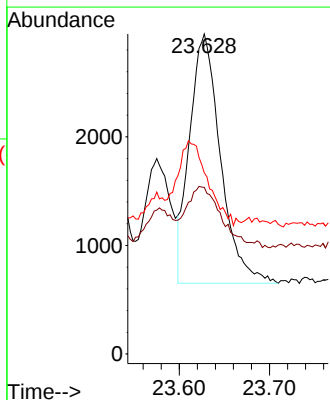
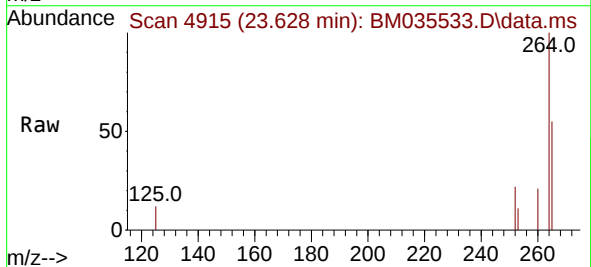
Instrument :
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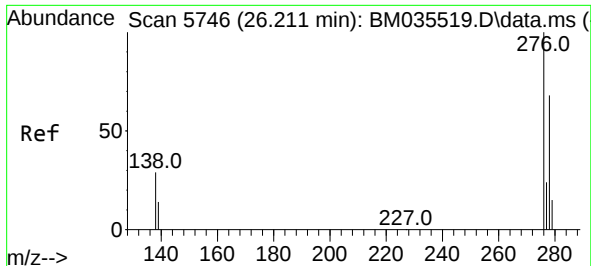
Tgt Ion:252 Resp: 8114
Ion Ratio Lower Upper
252 100
253 43.1 0.0 60.6
125 42.4 0.0 44.8



#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.628 min Scan# 4915
Delta R.T. -0.040 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Tgt Ion:252 Resp: 5469
Ion Ratio Lower Upper
252 100
253 52.0 27.8 41.6#
125 56.6 23.3 34.9#

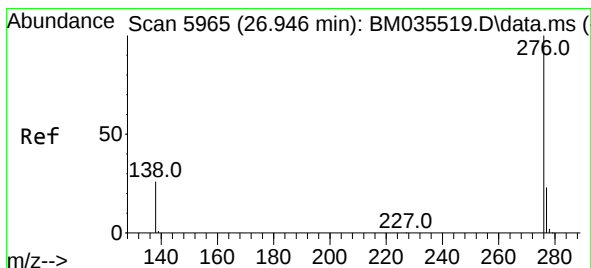
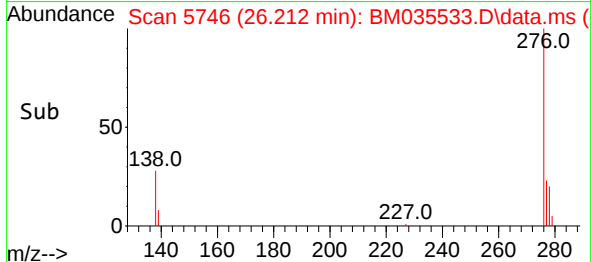
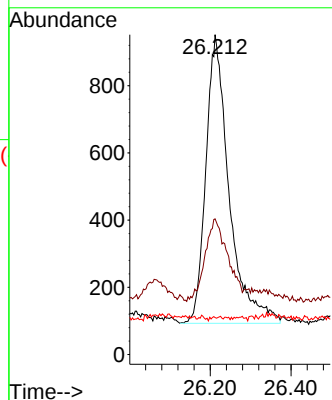
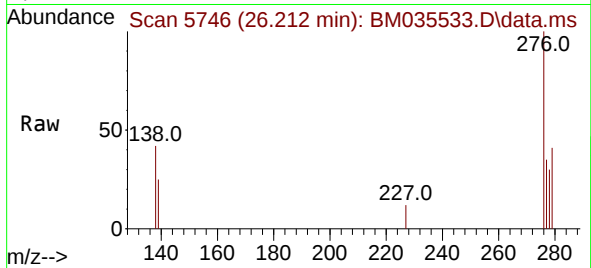




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. 0.001 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 3422
Ion Ratio Lower Upper
276 100
138 30.9 24.8 37.2
227 0.4 0.1 0.1#



#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.957 min Scan# 5968
Delta R.T. 0.011 min
Lab File: BM035533.D
Acq: 20 Jun 2022 14:14

Tgt Ion:276 Resp: 2884
Ion Ratio Lower Upper
276 100
138 46.9 23.1 34.7#
277 37.4 20.3 30.5#

