

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035532.D
 Acq On : 20 Jun 2022 13:38
 Operator : CG/JU
 Sample : N3226-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N4

Quant Time: Jun 21 01:28:36 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)

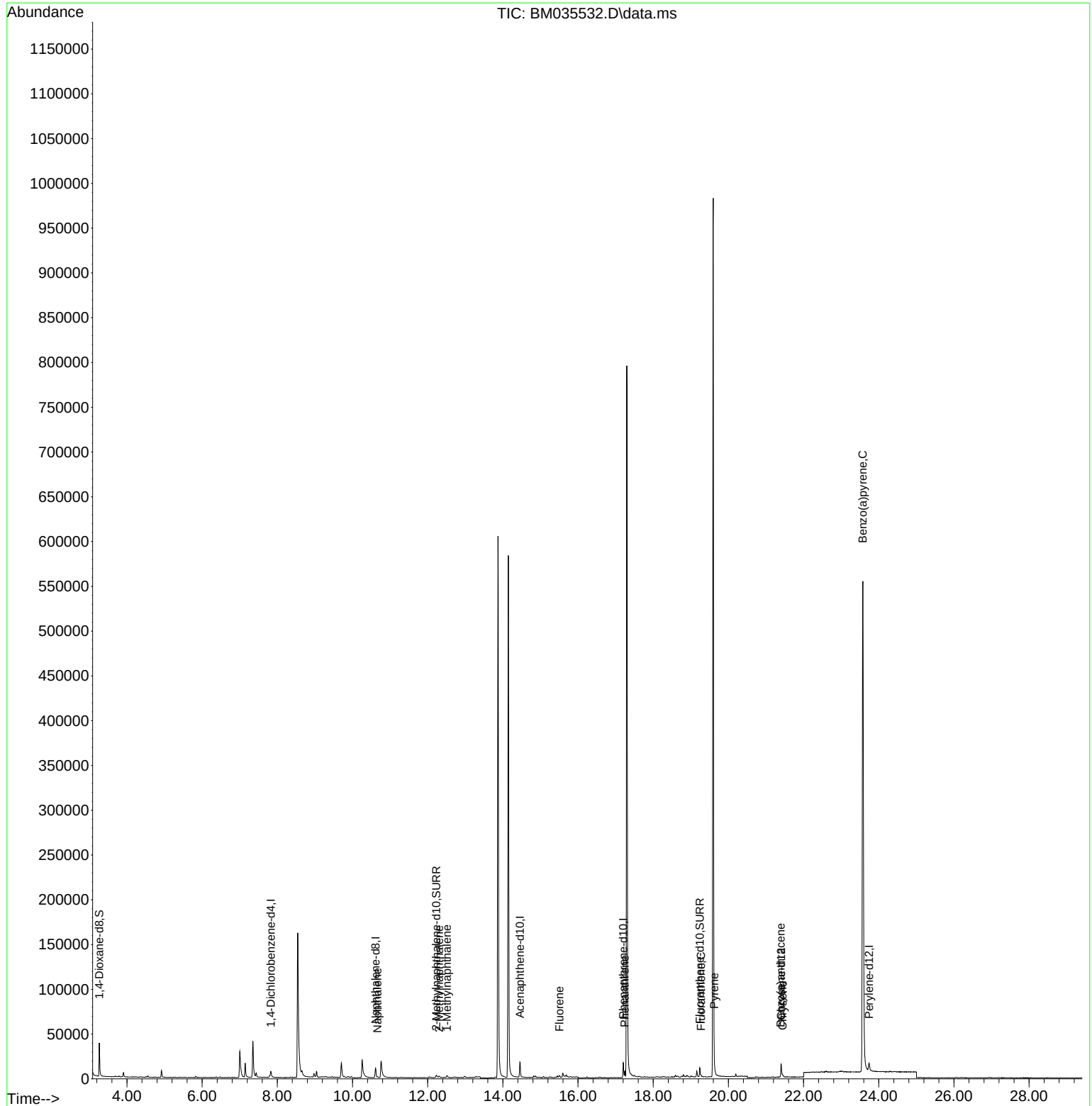
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4954	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	16485	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.459	164	9703	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	19494	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	13973	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	14646	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	23322	3.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	5315	0.217	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	10878	0.232	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.666	128	1194	0.021	ng/ul#	68
7) 2-Methylnaphthalene	12.305	142	1740	0.055	ng/ul	94
8) 1-Methylnaphthalene	12.514	142	1950	0.067	ng/ul	99
12) Fluorene	15.509	166	1294	0.028	ng/ul#	91
15) Phenanthrene	17.246	178	7647	0.107	ng/ul	97
19) Fluoranthene	19.271	202	1985	0.028	ng/ul#	73
20) Pyrene	19.624	202	3953	0.053	ng/ul#	73
21) Benzo(a)anthracene	21.392	228	1116	0.021	ng/ul#	54
22) Chrysene	21.438	228	2509	0.040	ng/ul#	75
26) Benzo(a)pyrene	23.575	252	3455	0.052	ng/ul#	24

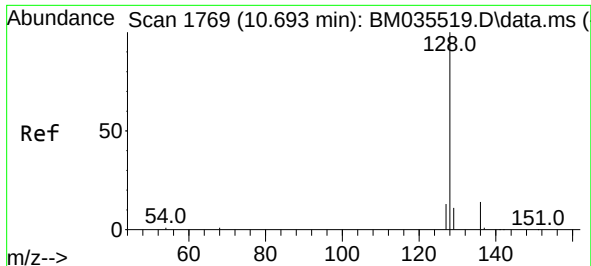
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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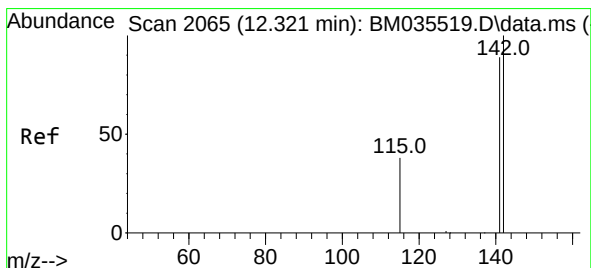
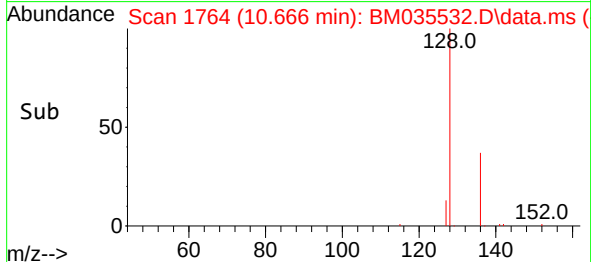
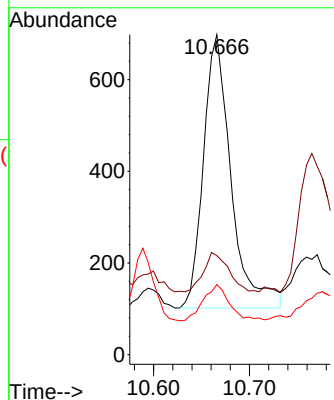
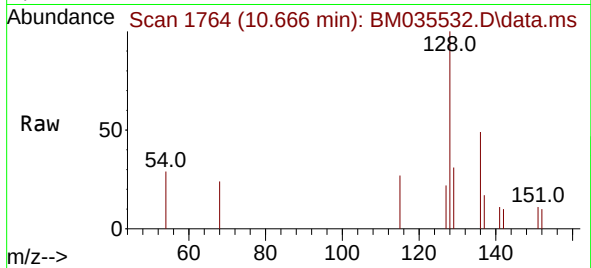




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. -0.028 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

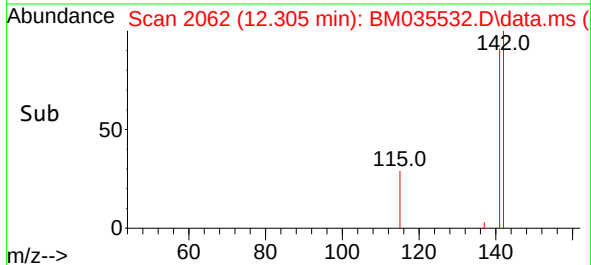
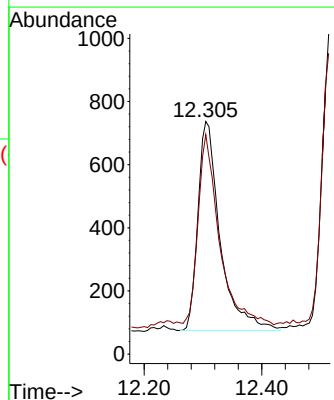
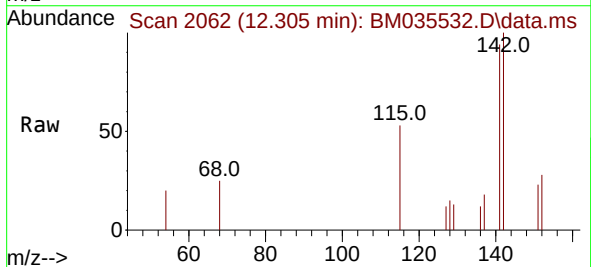
Instrument :
BNA_M
ClientSampleId :
EW4N4

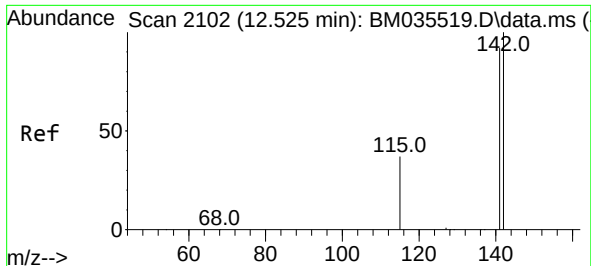
Tgt Ion:128 Resp: 1194
Ion Ratio Lower Upper
128 100
129 30.9 10.1 15.1#
127 21.9 11.4 17.2#



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.017 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

Tgt Ion:142 Resp: 1740
Ion Ratio Lower Upper
142 100
141 86.6 73.8 110.8

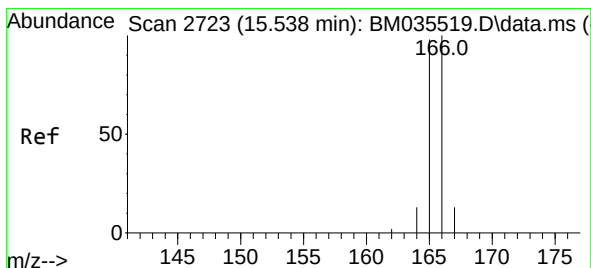
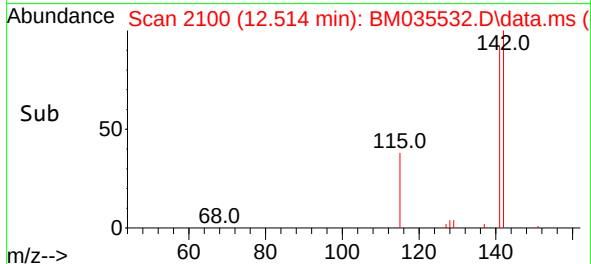
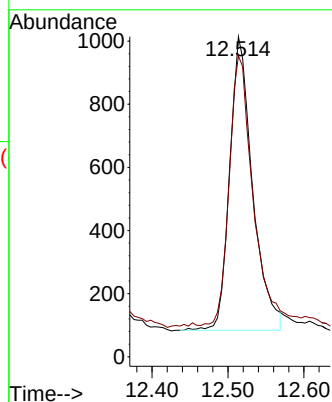
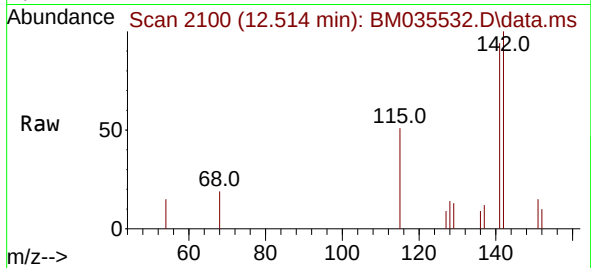




#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

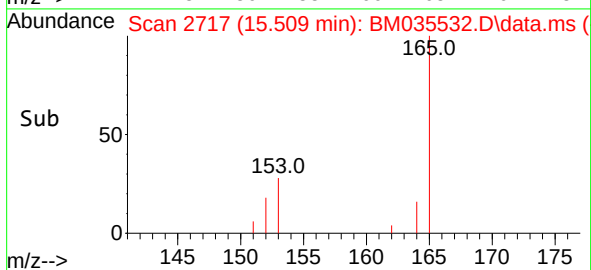
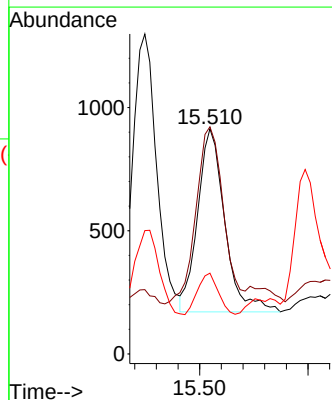
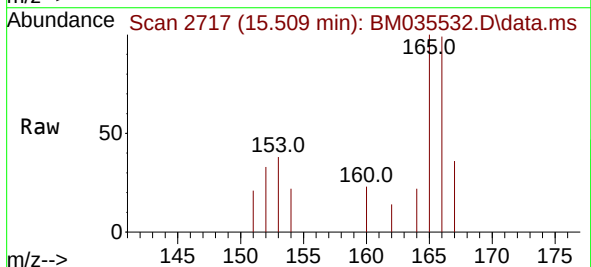
Instrument :
BNA_M
ClientSampleId :
EW4N4

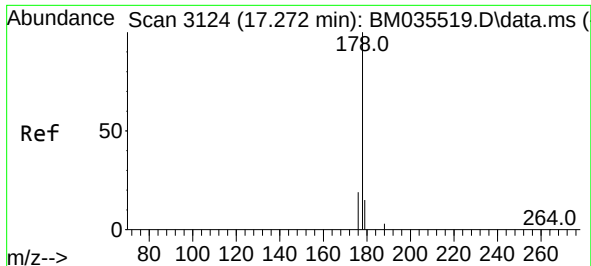
Tgt Ion:142 Resp: 1950
Ion Ratio Lower Upper
142 100
141 93.7 74.6 111.8



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.509 min Scan# 2717
Delta R.T. -0.029 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

Tgt Ion:166 Resp: 1294
Ion Ratio Lower Upper
166 100
165 100.9 78.7 118.1
167 35.9 11.6 17.4#

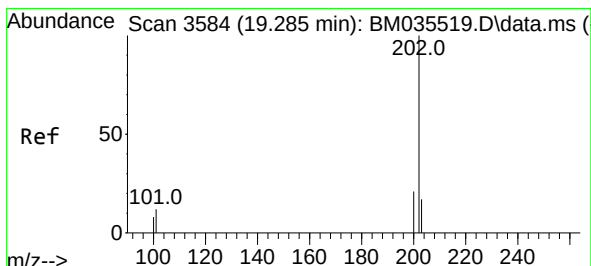
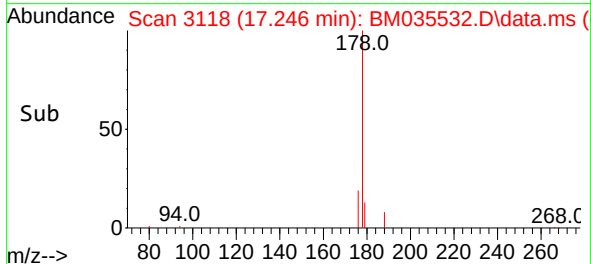
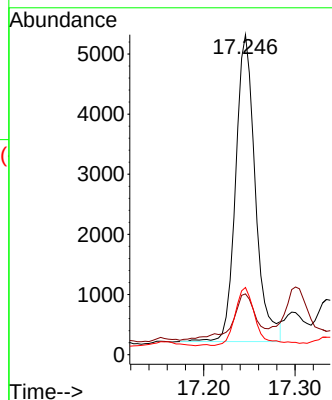
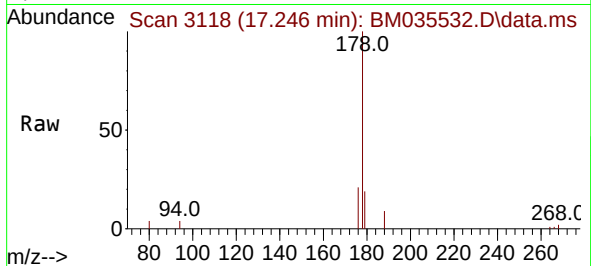




#15
Phenanthrene
Concen: 0.107 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. -0.026 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

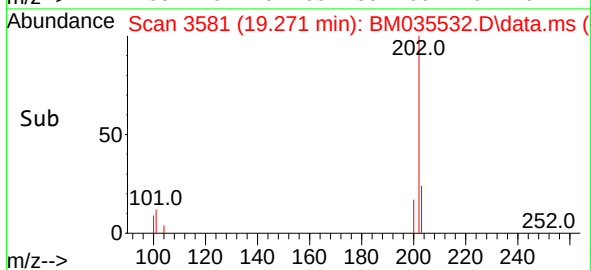
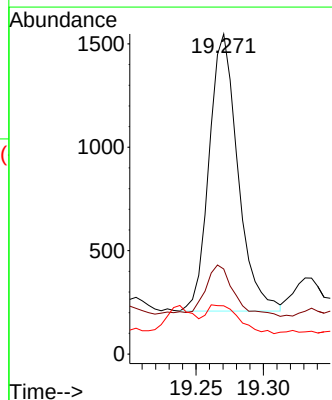
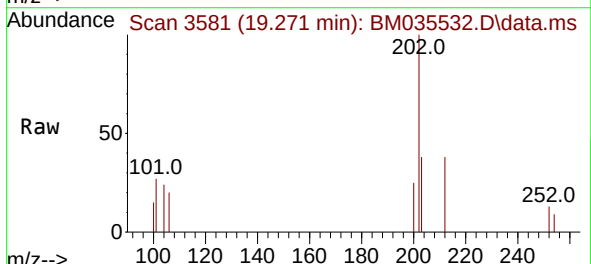
Instrument :
BNA_M
ClientSampleId :
EW4N4

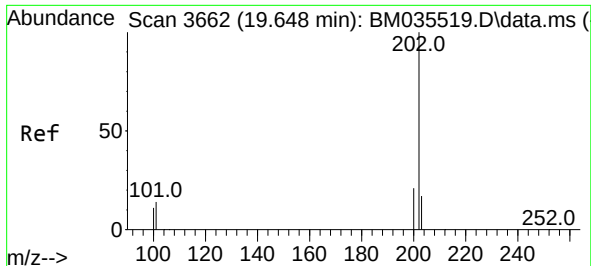
Tgt Ion:178	Resp:	7647
Ion Ratio	Lower	Upper
178	100	
179	19.0	13.2 19.8
176	21.0	16.2 24.4



#19
Fluoranthene
Concen: 0.028 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

Tgt Ion:202	Resp:	1985
Ion Ratio	Lower	Upper
202	100	
101	26.6	10.0 15.0#
100	15.1	7.5 11.3#

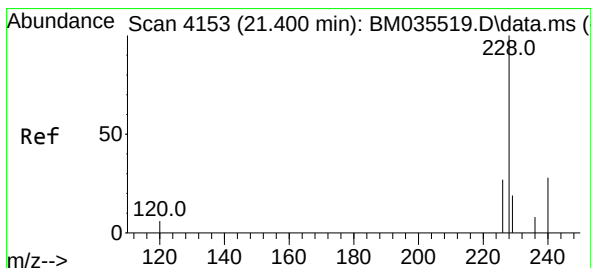
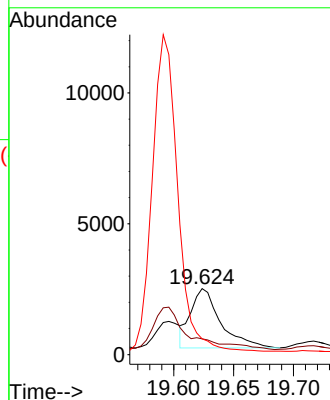
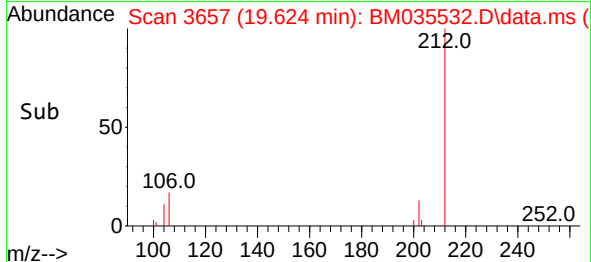
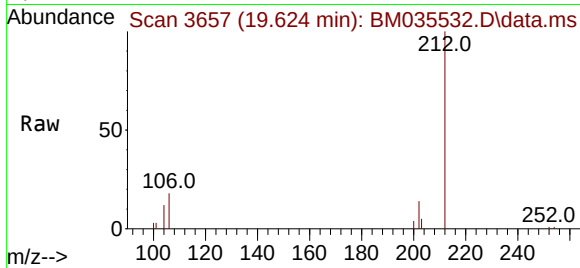




#20
Pyrene
Concen: 0.053 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.024 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

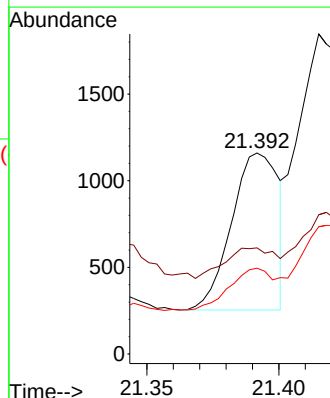
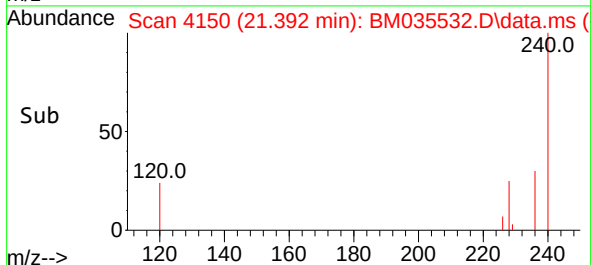
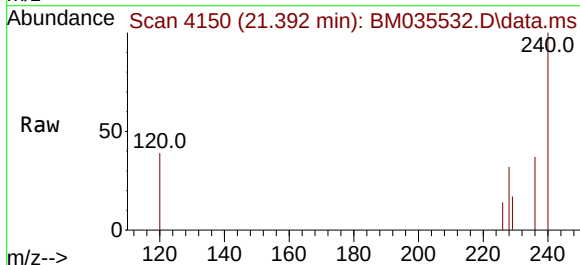
Instrument :
BNA_M
ClientSampleId :
EW4N4

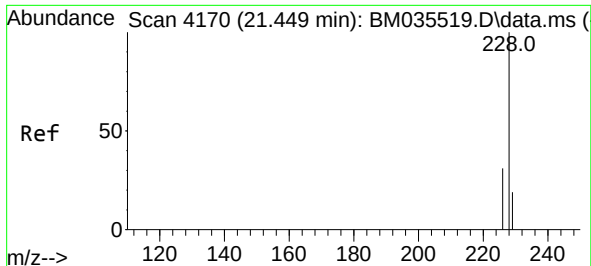
Tgt Ion:202 Resp: 3953
Ion Ratio Lower Upper
202 100
101 23.9 11.6 17.4#
100 23.9 9.3 13.9#



#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.392 min Scan# 4150
Delta R.T. -0.008 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

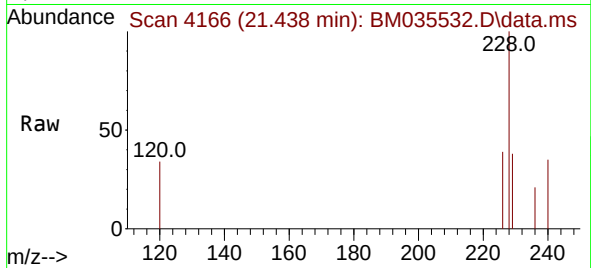
Tgt Ion:228 Resp: 1116
Ion Ratio Lower Upper
228 100
229 52.8 16.2 24.2#
226 42.7 22.3 33.5#



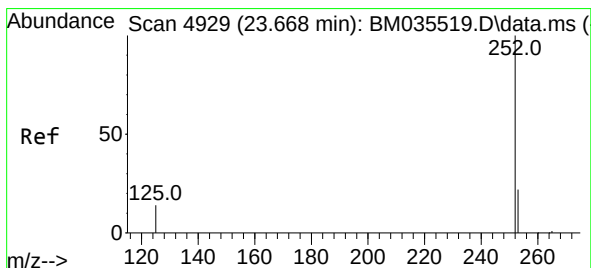
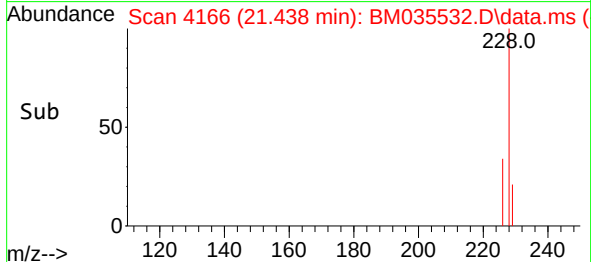
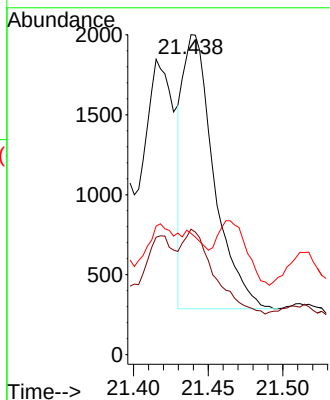


#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

Instrument :
BNA_M
ClientSampleId :
EW4N4



Tgt Ion:228 Resp: 2509
Ion Ratio Lower Upper
228 100
226 39.2 24.5 36.7#
229 37.9 15.8 23.8#



#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.575 min Scan# 4897
Delta R.T. -0.093 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

Tgt Ion:252 Resp: 3455
Ion Ratio Lower Upper
252 100
253 73.0 27.8 41.6#
125 75.9 23.3 34.9#

