

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031119.D
 Acq On : 24 Jul 2021 14:03
 Operator : CG/JU
 Sample : M36008-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE70

Quant Time: Jul 26 01:51:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 01:37:33 2021
 Response via : Initial Calibration

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

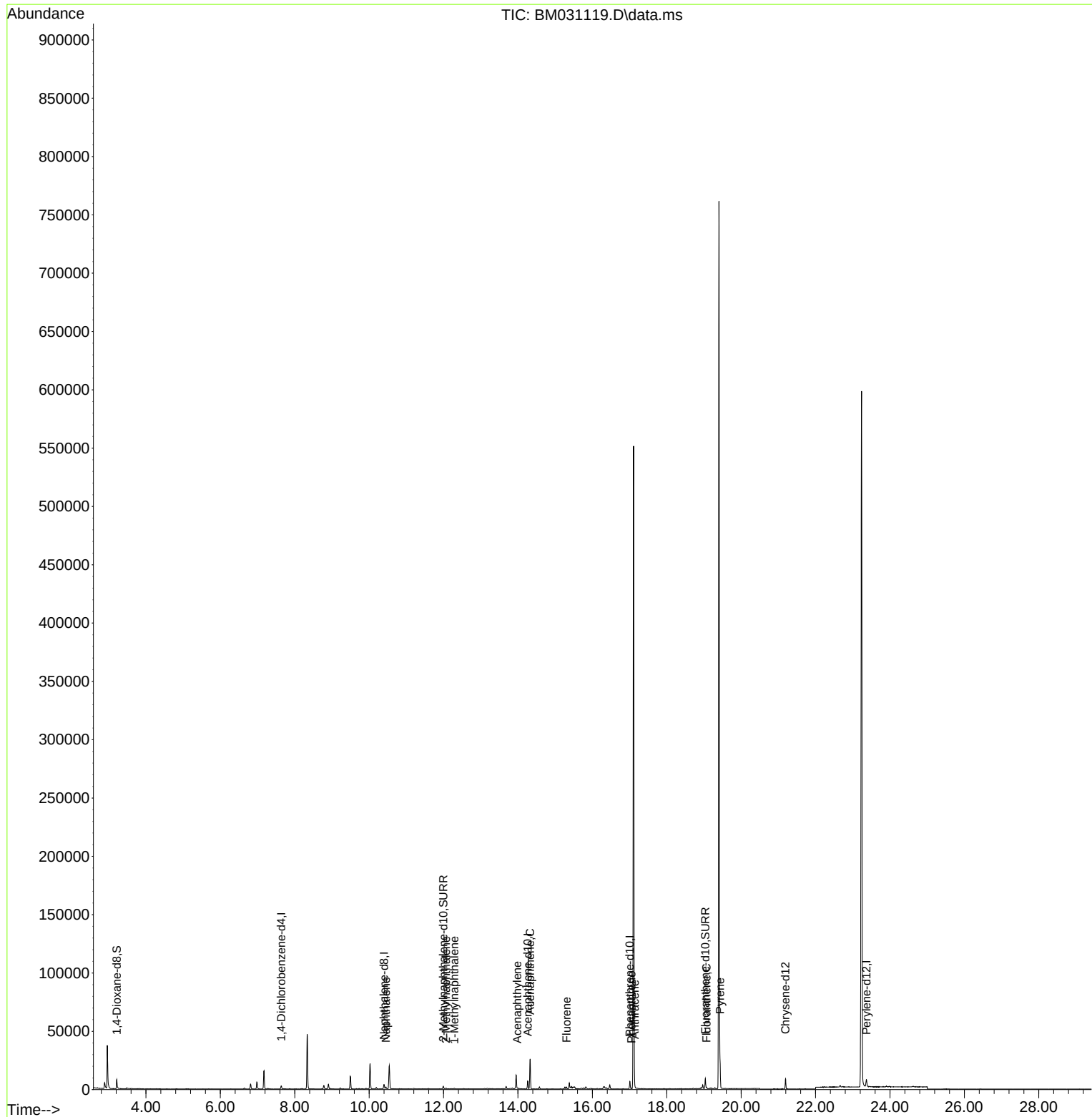
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1277	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	5100	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3656	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7932	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	7753	0.40	ng/ul	0.00
23) Perylene-d12	23.367	264	7900	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	5171	3.85	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	2903	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	9551	0.40	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.451	128	1973	0.13	ng/ul#	93
7) 2-Methylnaphthalene	12.065	142	475	0.04	ng/ul	95
8) 1-Methylnaphthalene	12.290	142	327	0.03	ng/ul	96
10) Acenaphthylene	13.981	152	392	0.03	ng/ul#	69
11) Acenaphthene	14.326	153	14906	1.13	ng/ul	98
12) Fluorene	15.304	166	774	0.05	ng/ul#	1
15) Phenanthrene	17.051	178	772	0.03	ng/ul#	79
16) Anthracene	17.138	178	504	0.02	ng/ul#	70
19) Fluoranthene	19.066	202	1008	0.03	ng/ul#	70
20) Pyrene	19.432	202	20716	0.65	ng/ul	97

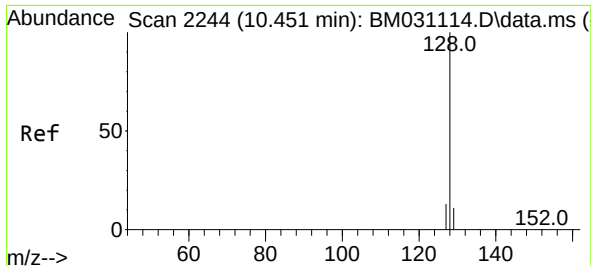
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 01:37:33 2021
Response via : Initial Calibration

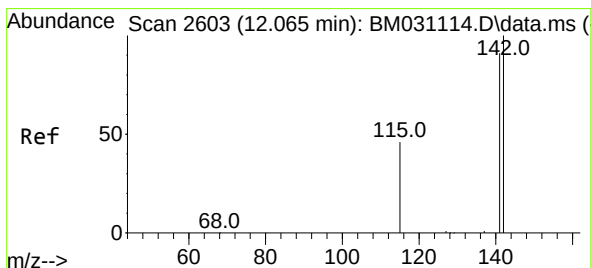
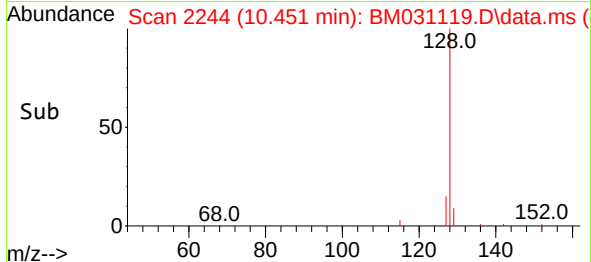
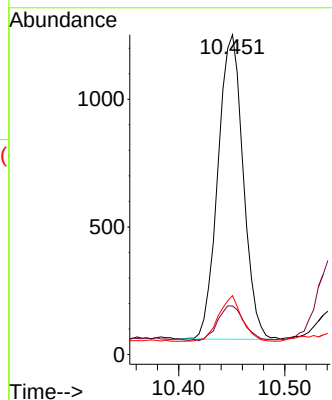
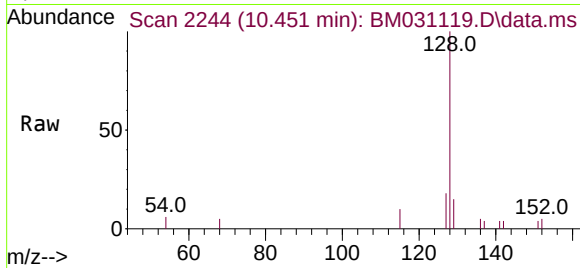




#5
Naphthalene
Concen: 0.13 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

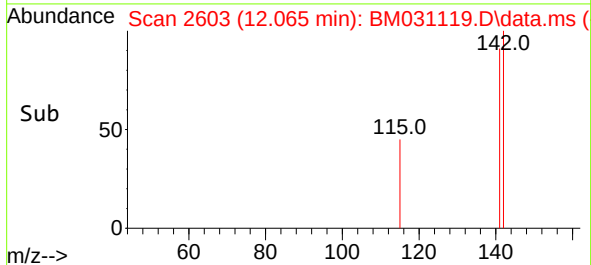
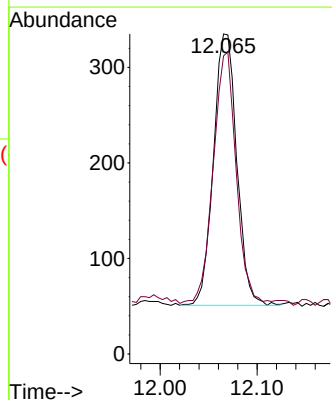
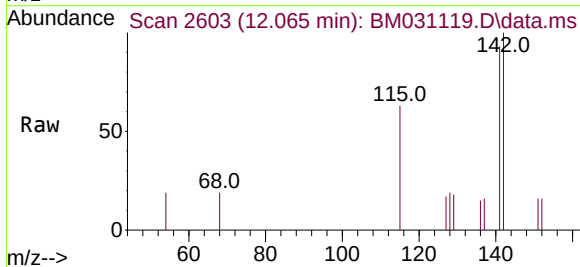
Instrument :
BNA_M
ClientSampled :
BGE70

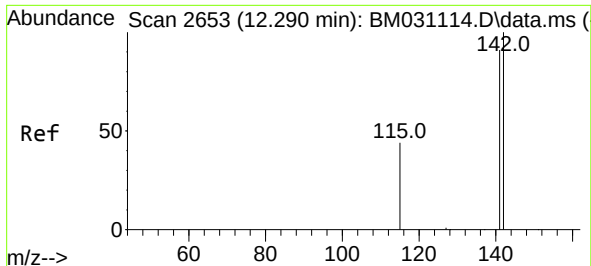
Tgt Ion:128 Resp: 1973
Ion Ratio Lower Upper
128 100
129 15.2 10.2 15.4
127 18.4 11.8 17.8#



#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
141 94.3 71.5 107.3

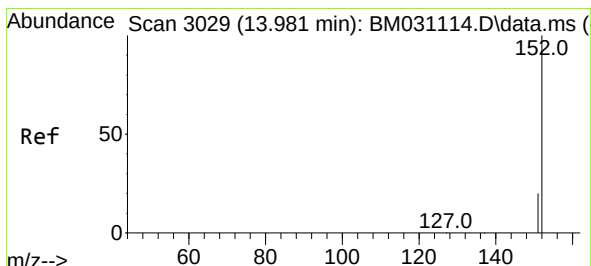
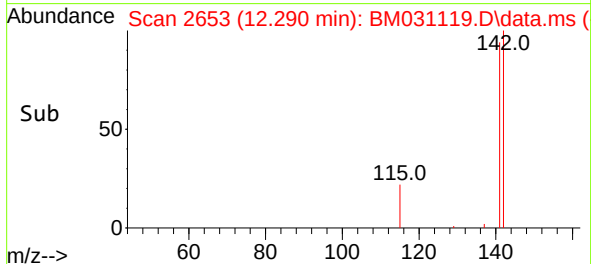
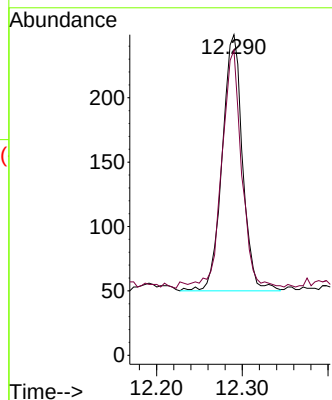
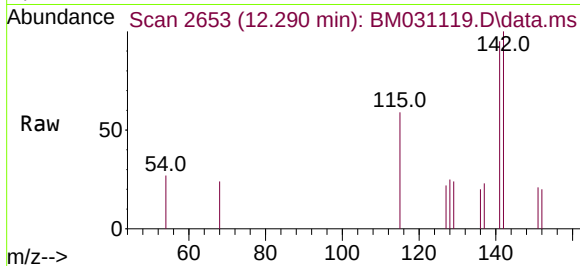




#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.290 min Scan# 2653
Delta R.T. -0.004 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

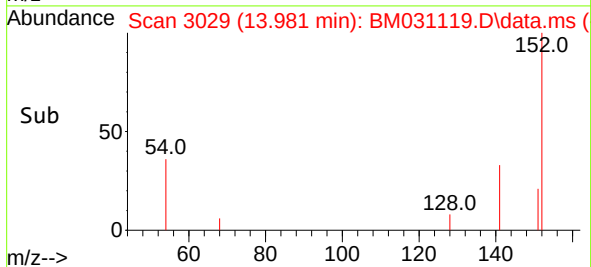
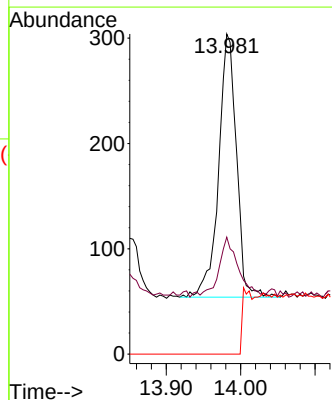
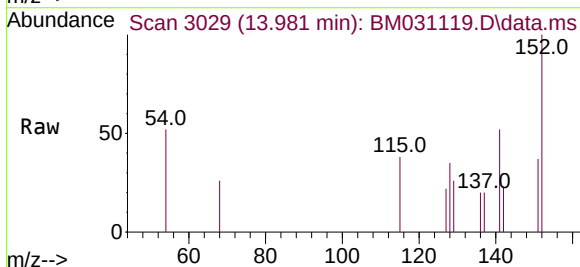
Instrument :
BNA_M
ClientSampled :
BGE70

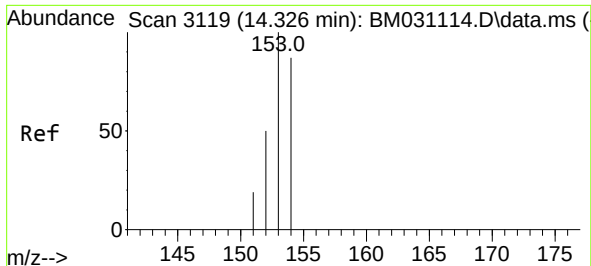
Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
141 89.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

Tgt Ion:152 Resp: 392
Ion Ratio Lower Upper
152 100
151 36.5 17.5 26.3#
153 0.0 0.0 0.0

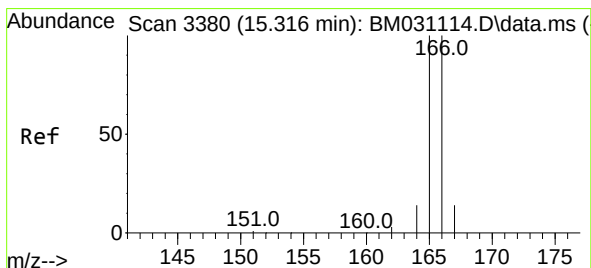
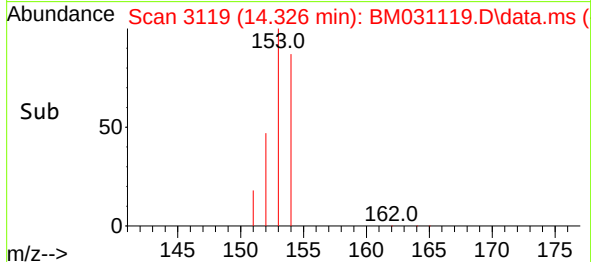
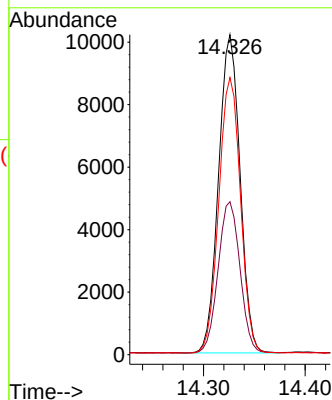
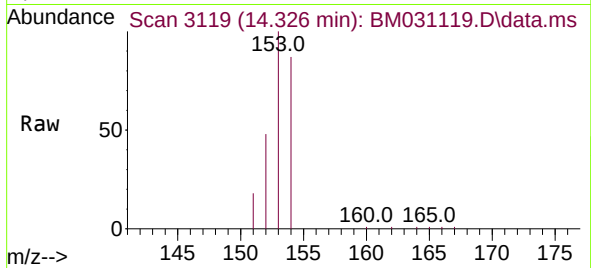




#11
Acenaphthene
Concen: 1.13 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

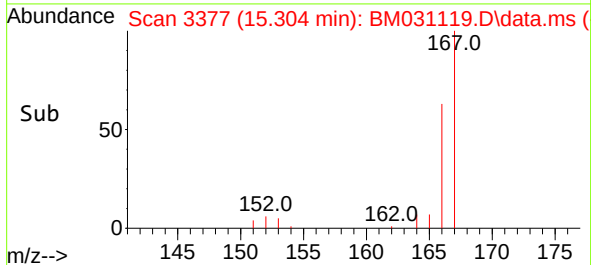
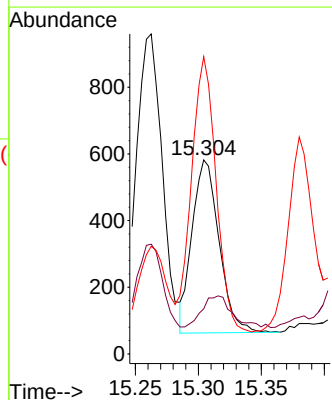
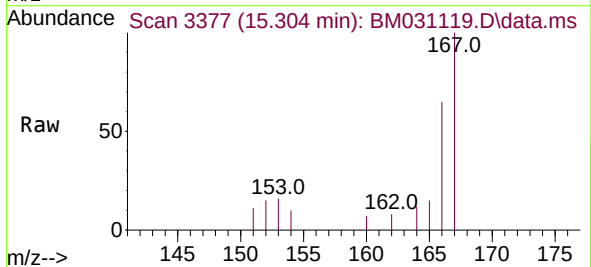
Instrument :
BNA_M
ClientSampleId :
BGE70

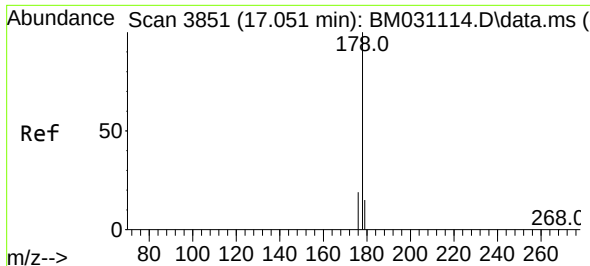
Tgt Ion:153 Resp: 14906
Ion Ratio Lower Upper
153 100
152 47.8 39.4 59.2
154 86.6 68.2 102.4



#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.304 min Scan# 3377
Delta R.T. -0.015 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

Tgt Ion:166 Resp: 774
Ion Ratio Lower Upper
166 100
165 23.2 78.2 117.2#
167 153.3 12.3 18.5#

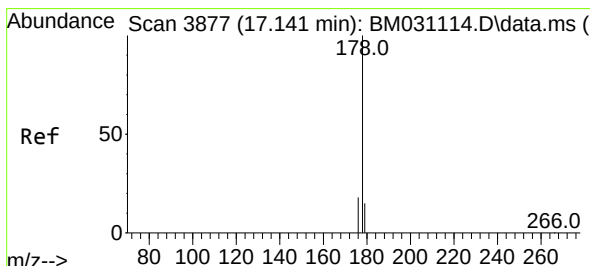
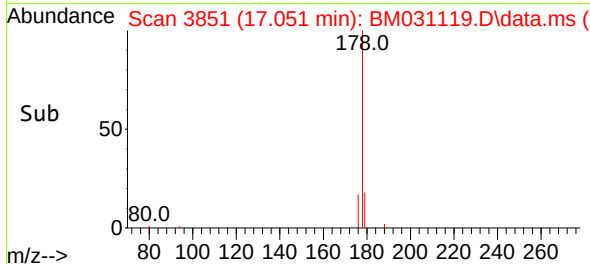
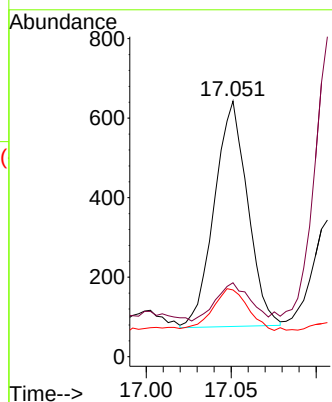
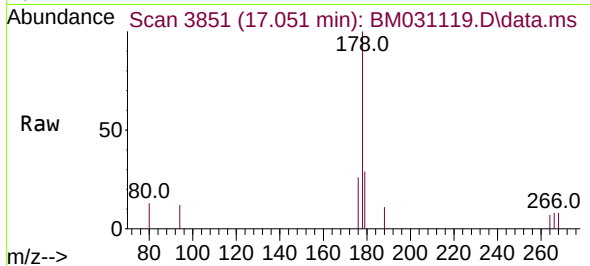




#15
Phenanthrene
Concen: 0.03 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

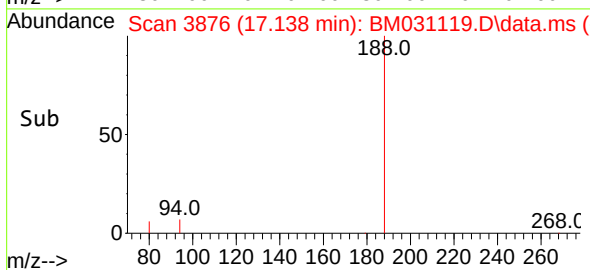
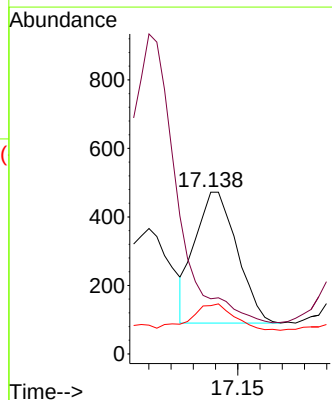
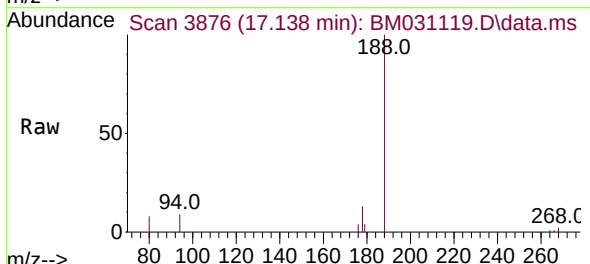
Instrument :
BNA_M
ClientSampleId :
BGE70

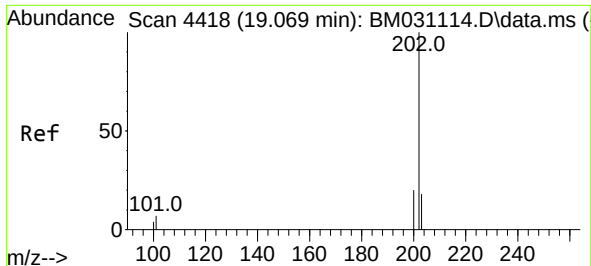
Tgt Ion:	178	Resp:	772
Ion	Ratio	Lower	Upper
178	100		
179	28.9	13.3	19.9#
176	26.1	15.4	23.2#



#16
Anthracene
Concen: 0.02 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

Tgt Ion:	178	Resp:	504
Ion	Ratio	Lower	Upper
178	100		
179	34.1	13.8	20.8#
176	29.9	15.7	23.5#

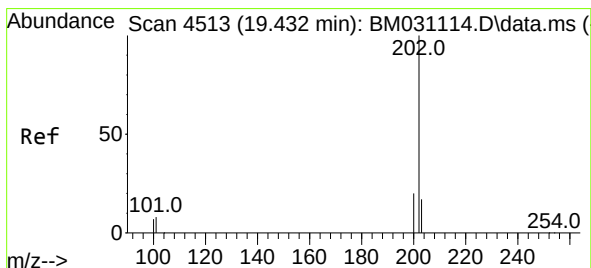
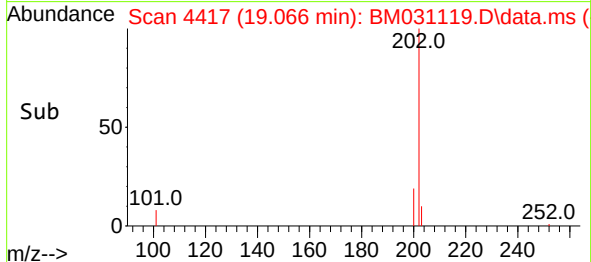
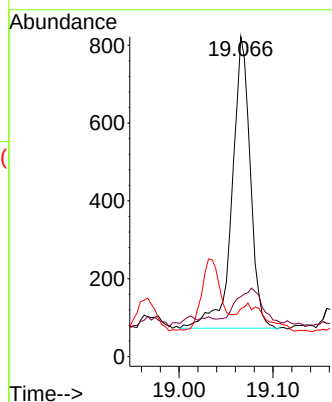
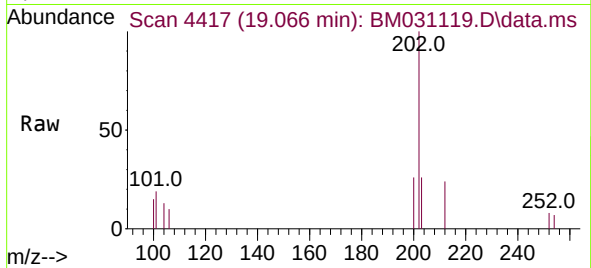




#19
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

Instrument :
BNA_M
ClientSampleId :
BGE70

Tgt Ion:202 Resp: 1008
Ion Ratio Lower Upper
202 100
101 18.7 6.0 9.0#
100 15.0 4.8 7.2#



#20
Pyrene
Concen: 0.65 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031119.D
Acq: 24 Jul 2021 14:03

Tgt Ion:202 Resp: 20716
Ion Ratio Lower Upper
202 100
101 10.1 7.4 11.0
100 8.7 6.0 9.0

