

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042203.D
 Acq On : 05 Oct 2023 01:32
 Operator : MA/JU
 Sample : 04588-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJZ9

Quant Time: Oct 05 03:00:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

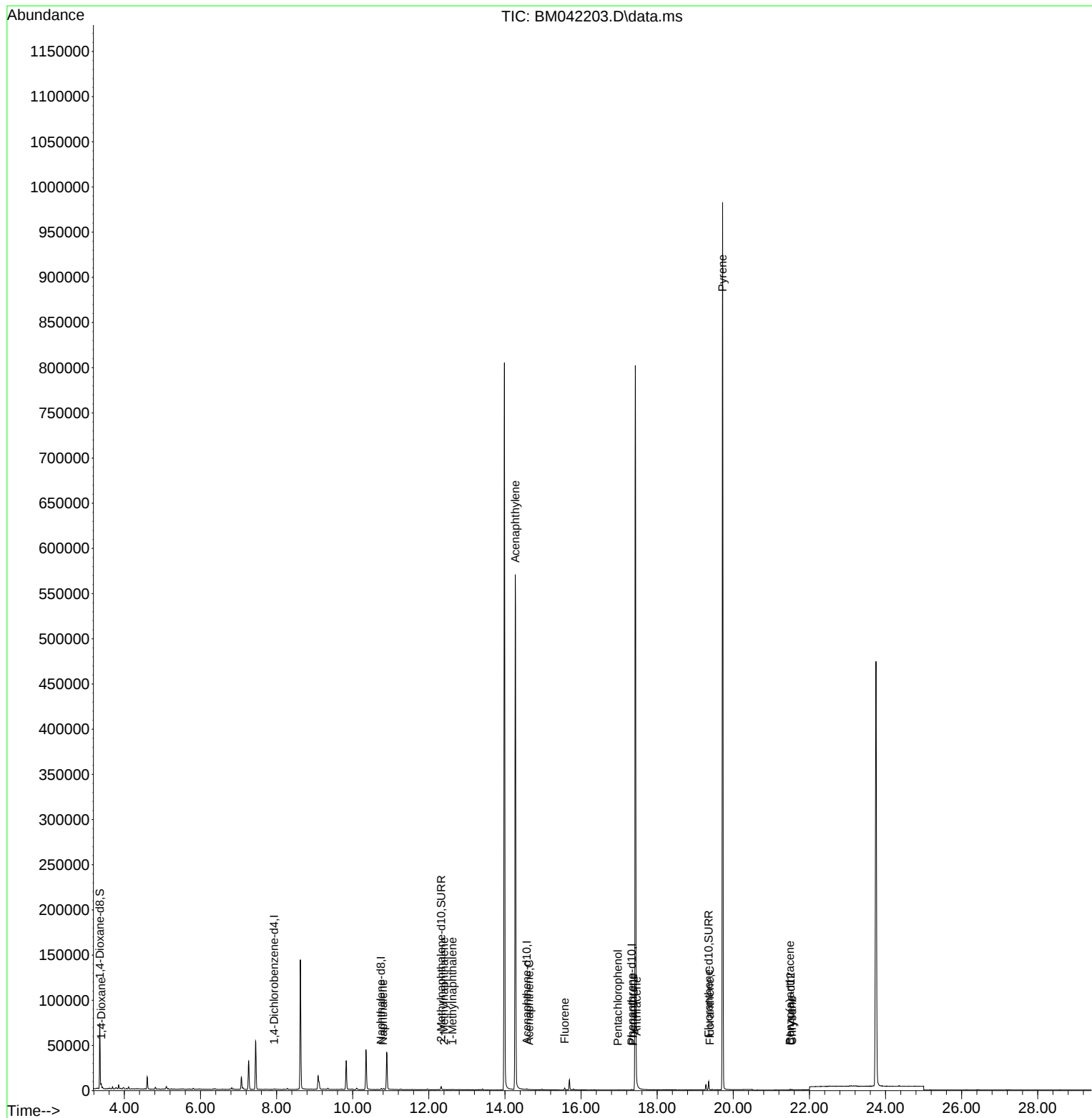
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	118	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	342	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	366	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.329	188	677	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.507	240	506	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.92
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	37460	238.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	4585	9.775	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	7886	4.151	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	2565	15.631	ng/ul#	89
5) Naphthalene	10.796	128	953	0.835	ng/ul#	45
7) 2-Methylnaphthalene	12.401	142	181	0.265	ng/ul#	78
8) 1-Methylnaphthalene	12.621	142	185	0.269	ng/ul	94
10) Acenaphthylene	14.277	152	130	0.056	ng/ul#	1
11) Acenaphthene	14.638	153	37	0.021	ng/ul#	65
12) Fluorene	15.568	166	2049	1.039	ng/ul#	16
14) Pentachlorophenol	16.966	266	33	0.108	ng/ul#	82
15) Phenanthrene	17.371	178	157	0.056	ng/ul#	10
16) Anthracene	17.464	178	189	0.074	ng/ul#	15
19) Fluoranthene	19.385	202	235	0.061	ng/ul#	22
20) Pyrene	19.719	202	2073	0.507	ng/ul#	1
21) Benzo(a)anthracene	21.492	228	322	0.099	ng/ul#	58
22) Chrysene	21.545	228	342	0.108	ng/ul#	61

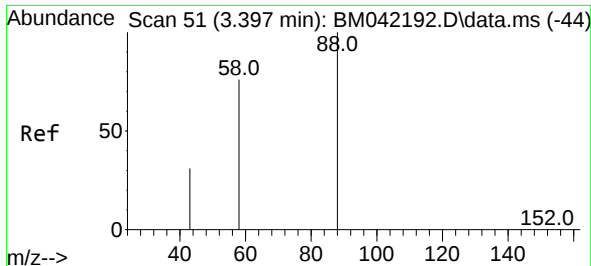
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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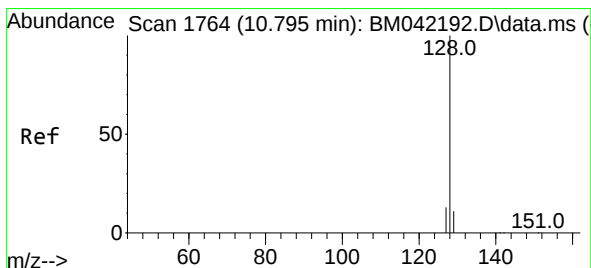
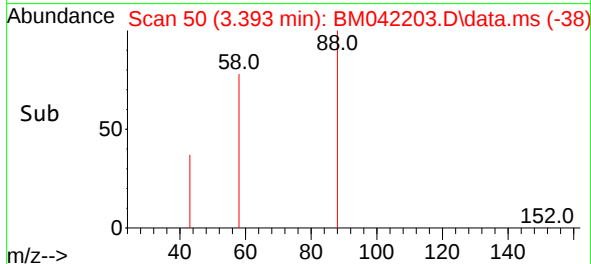
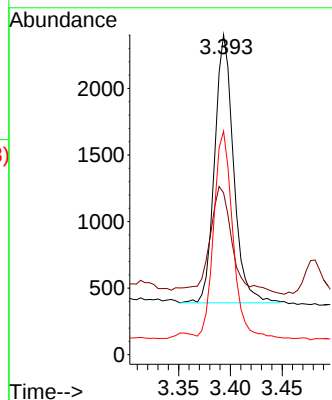
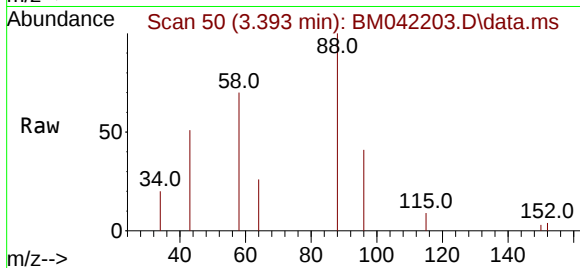




#2
 1,4-Dioxane
 Concen: 15.631 ng/ul
 RT: 3.393 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: BM042203.D
 Acq: 05 Oct 2023 01:32

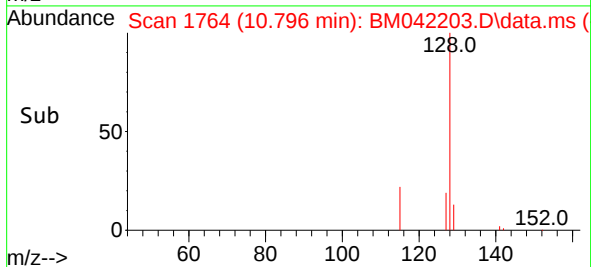
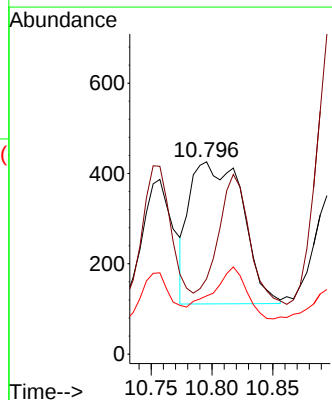
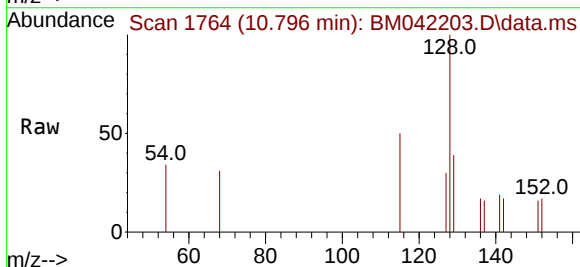
Instrument :
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 ClientSampleId :
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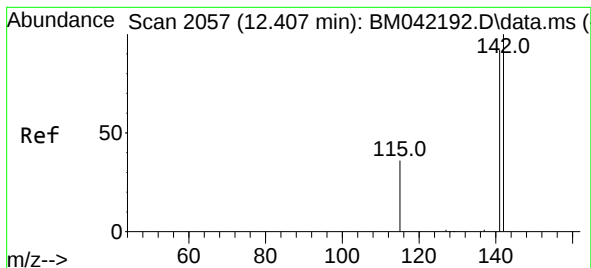
Tgt Ion: 88 Resp: 2565
 Ion Ratio Lower Upper
 88 100
 43 50.6 52.1 78.1#
 58 69.8 53.8 80.6



#5
 Naphthalene
 Concen: 0.835 ng/ul
 RT: 10.796 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BM042203.D
 Acq: 05 Oct 2023 01:32

Tgt Ion: 128 Resp: 953
 Ion Ratio Lower Upper
 128 100
 129 39.2 9.4 14.2#
 127 30.3 11.0 16.4#

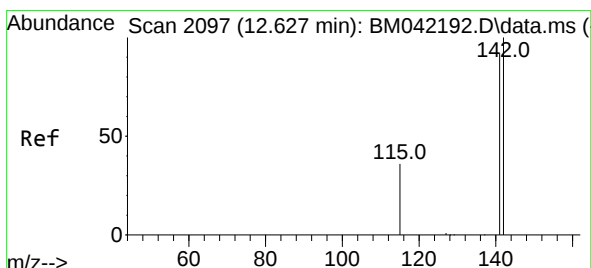
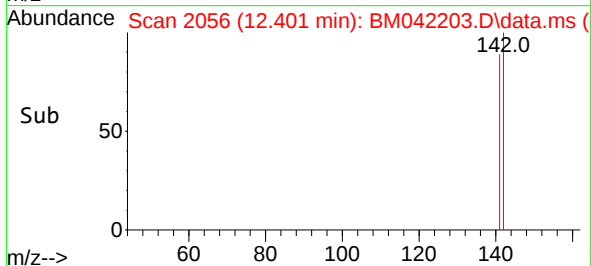
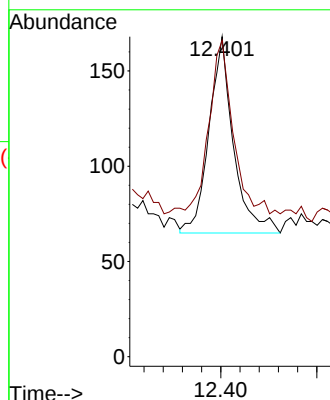
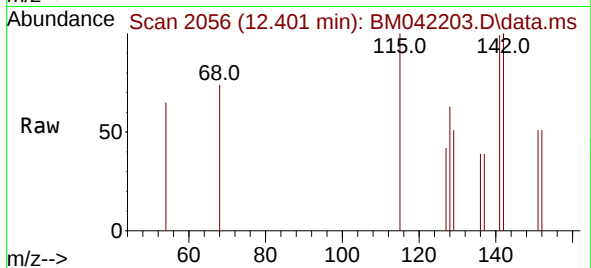




#7
2-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

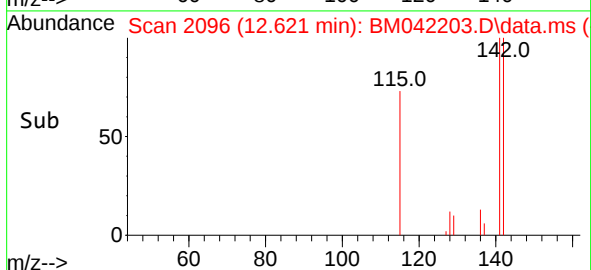
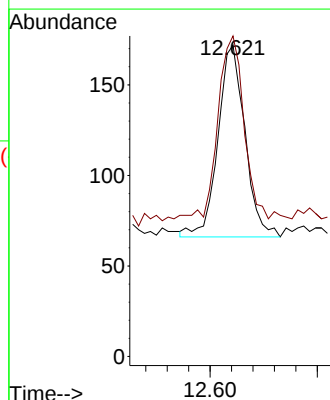
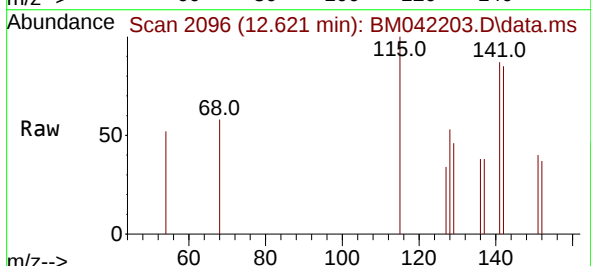
Instrument :
BNA_M
ClientSampleId :
BBJZ9

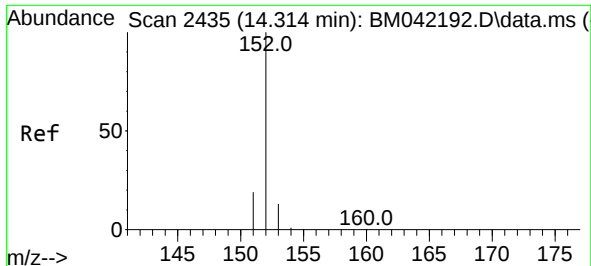
Tgt Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
141 108.3 70.2 105.4#



#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
141 97.3 73.5 110.3

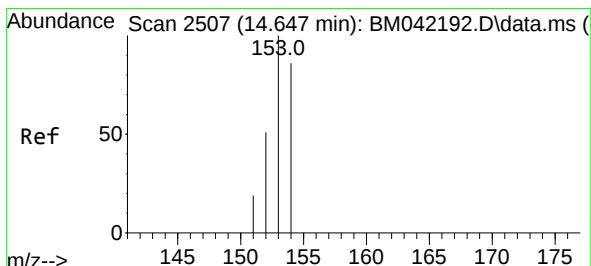
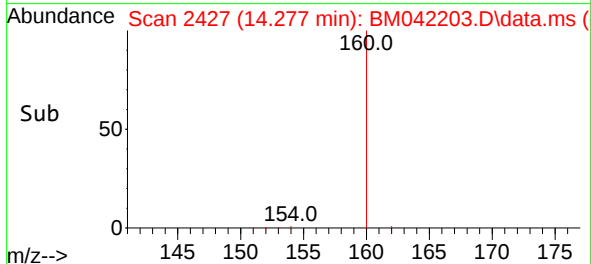
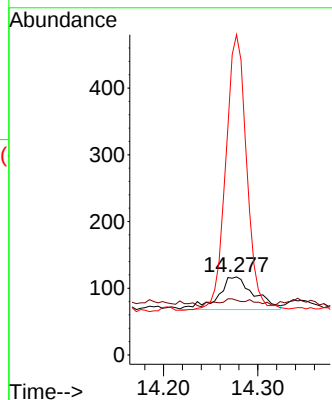
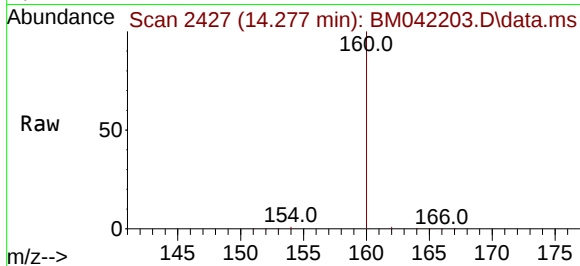




#10
Acenaphthylene
Concen: 0.056 ng/u1
RT: 14.277 min Scan# 2435
Delta R.T. -0.037 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

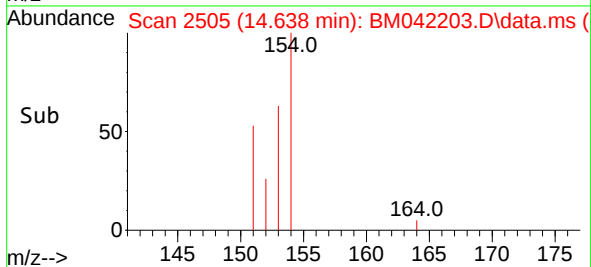
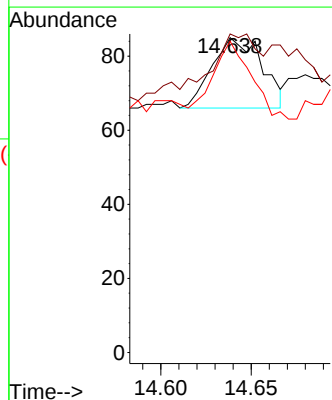
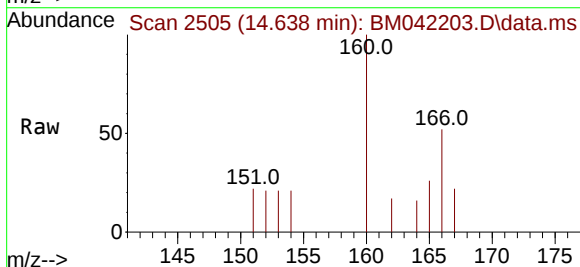
Instrument :
BNA_M
ClientSampleId :
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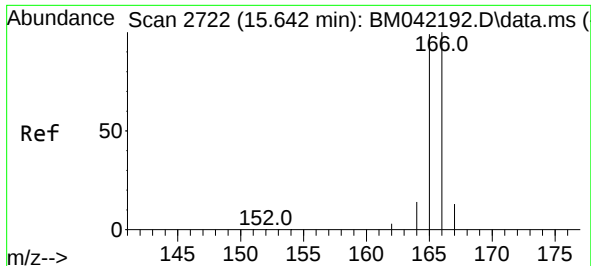
Tgt Ion:152 Resp: 130
Ion Ratio Lower Upper
152 100
151 70.1 16.4 24.6#
153 410.3 10.9 16.3#



#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Tgt Ion:153 Resp: 37
Ion Ratio Lower Upper
153 100
152 101.2 41.1 61.7#
154 98.8 69.5 104.3

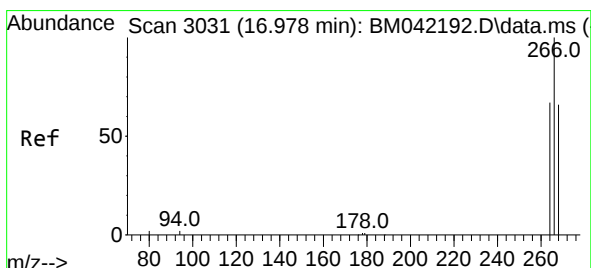
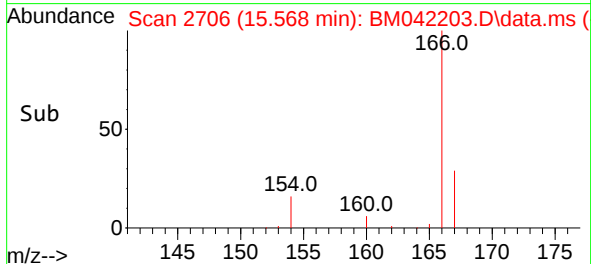
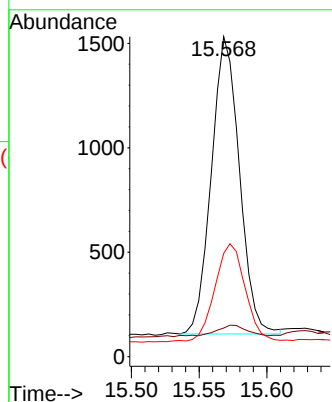
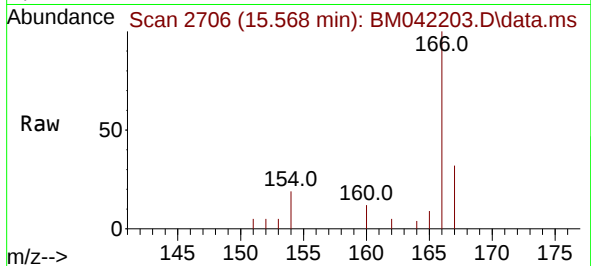




#12
Fluorene
Concen: 1.039 ng/ul
RT: 15.568 min Scan# 21
Delta R.T. -0.069 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

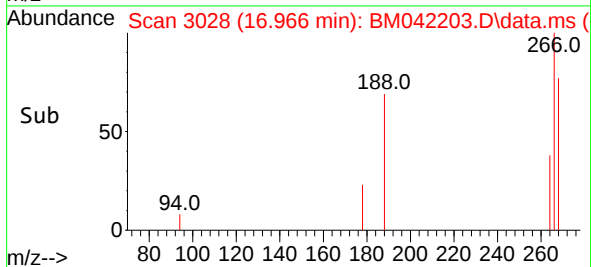
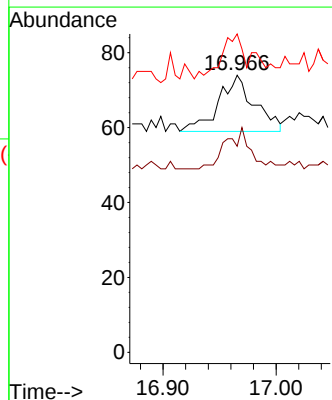
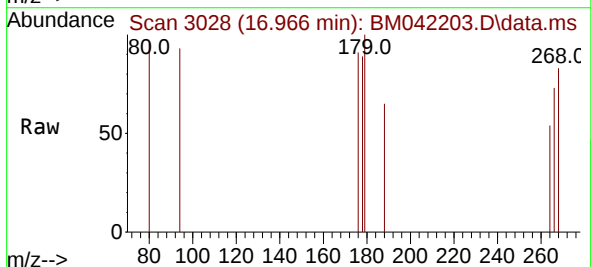
Instrument :
BNA_M
ClientSampleId :
BBJZ9

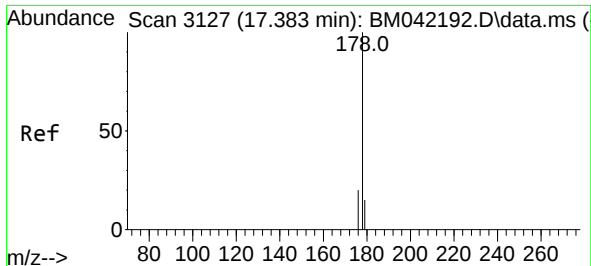
Tgt Ion:166 Resp: 2049
Ion Ratio Lower Upper
166 100
165 8.9 78.4 117.6#
167 32.3 11.5 17.3#



#14
Pentachlorophenol
Concen: 0.108 ng/ul
RT: 16.966 min Scan# 3028
Delta R.T. -0.013 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 51.5 51.1 76.7
268 48.5 52.1 78.1#

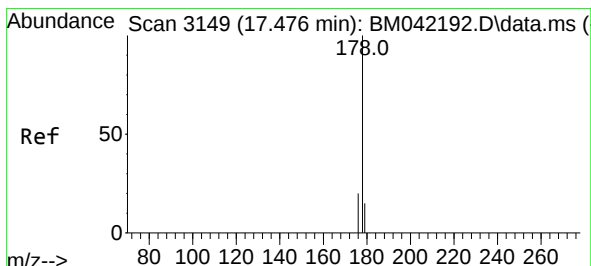
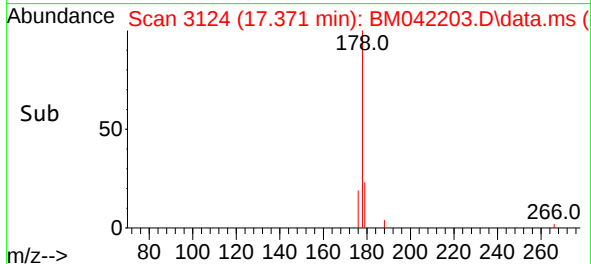
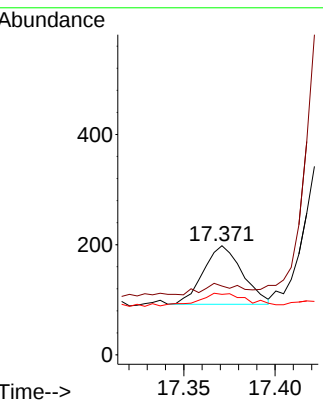
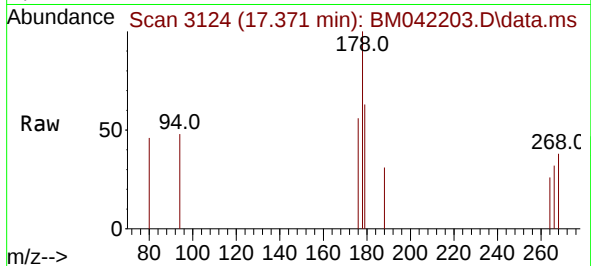




#15
Phenanthrene
Concen: 0.056 ng/ul
RT: 17.371 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

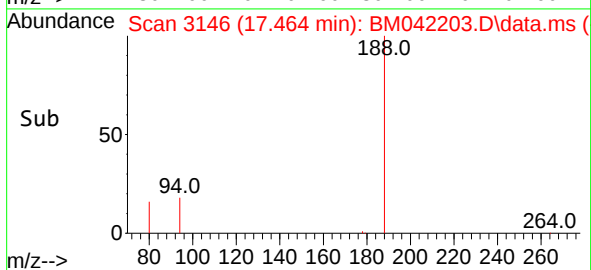
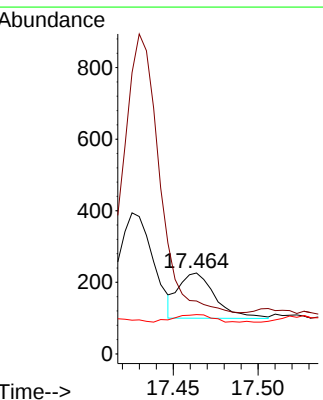
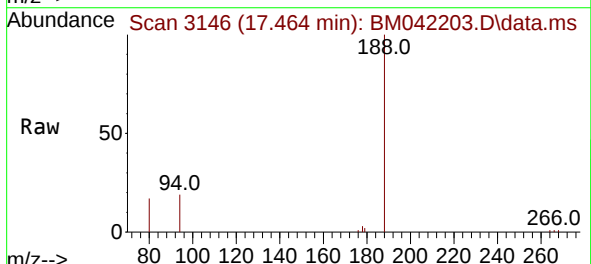
Instrument :
BNA_M
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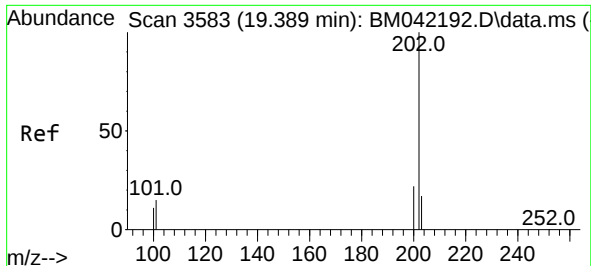
Tgt Ion:178 Resp: 157
Ion Ratio Lower Upper
178 100
179 63.1 13.0 19.4#
176 55.6 16.8 25.2#



#16
Anthracene
Concen: 0.074 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Tgt Ion:178 Resp: 189
Ion Ratio Lower Upper
178 100
179 65.5 12.9 19.3#
176 48.7 16.3 24.5#

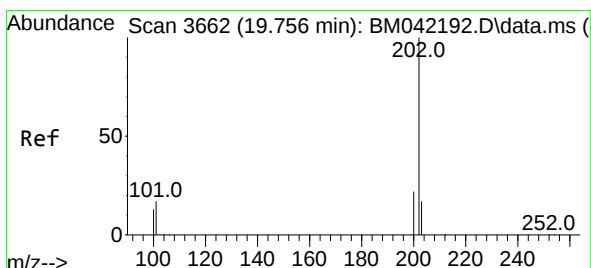
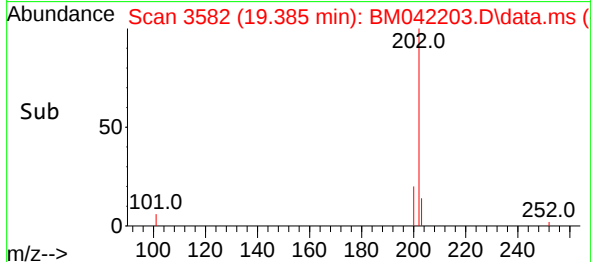
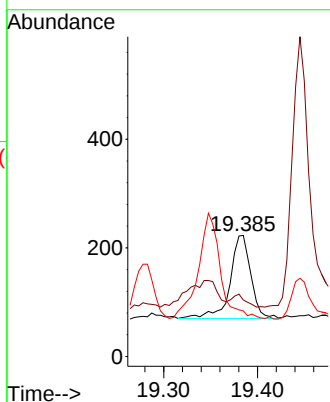
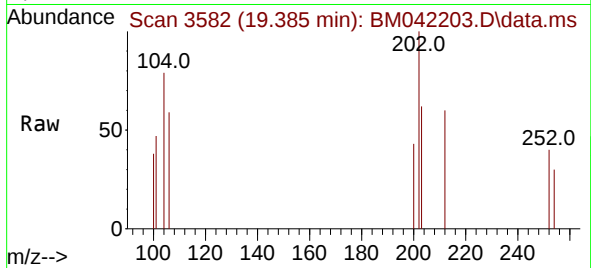




#19
Fluoranthene
Concen: 0.061 ng/u1
RT: 19.385 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

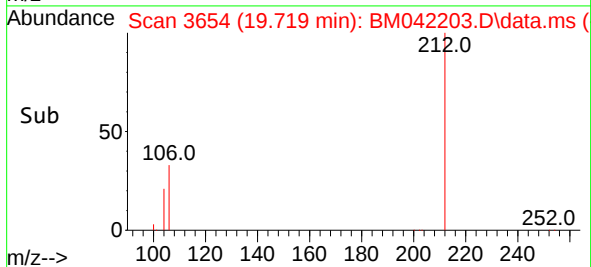
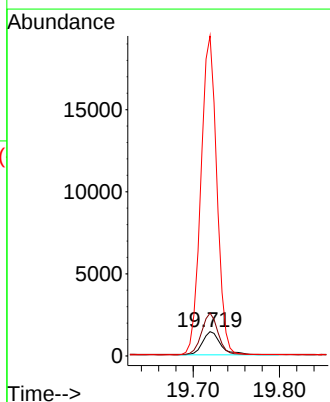
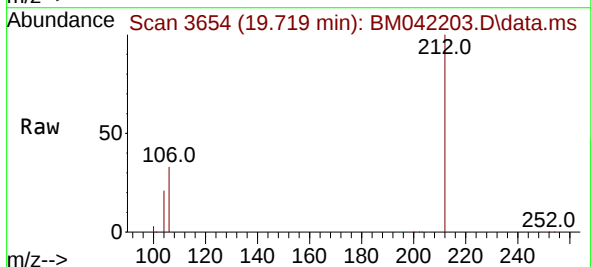
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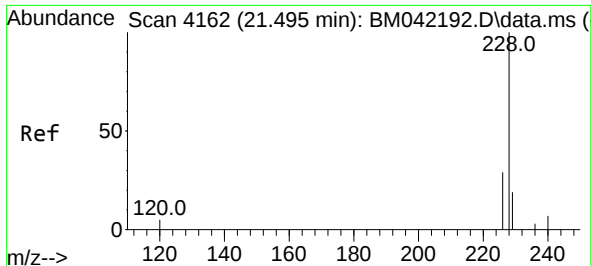
Tgt Ion:202 Resp: 235
Ion Ratio Lower Upper
202 100
101 46.6 11.1 16.7#
100 37.7 8.2 12.2#



#20
Pyrene
Concen: 0.507 ng/u1
RT: 19.719 min Scan# 3654
Delta R.T. -0.042 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Tgt Ion:202 Resp: 2073
Ion Ratio Lower Upper
202 100
101 176.6 12.7 19.1#
100 1319.4 9.9 14.9#

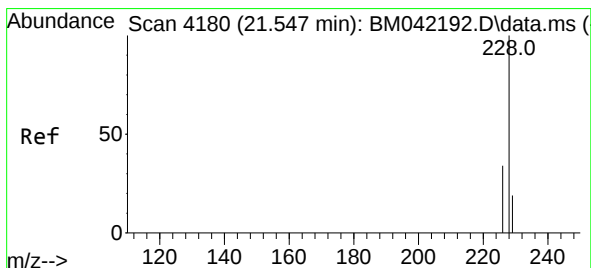
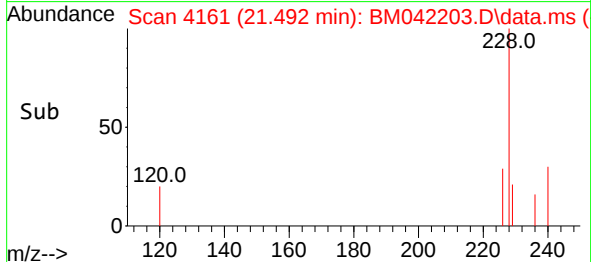
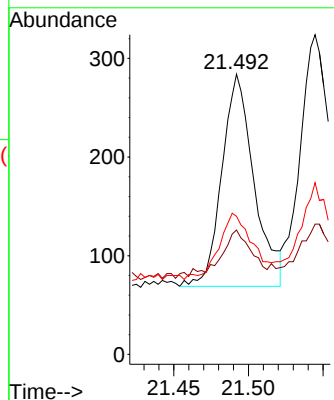
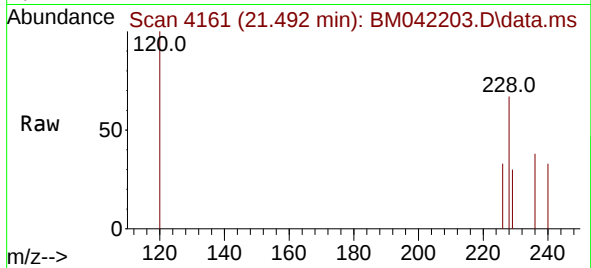




#21
Benzo(a)anthracene
Concen: 0.099 ng/u1
RT: 21.492 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 322
Ion Ratio Lower Upper
228 100
229 44.4 15.8 23.8#
226 49.3 24.6 37.0#



#22
Chrysene
Concen: 0.108 ng/u1
RT: 21.545 min Scan# 4179
Delta R.T. -0.009 min
Lab File: BM042203.D
Acq: 05 Oct 2023 01:32

Tgt Ion:228 Resp: 342
Ion Ratio Lower Upper
228 100
226 53.7 26.7 40.1#
229 40.7 15.8 23.8#

