

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042212.D
 Acq On : 05 Oct 2023 11:35
 Operator : MA/JU
 Sample : 04588-18DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJR6DL

Quant Time: Oct 06 05:26:47 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 : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

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

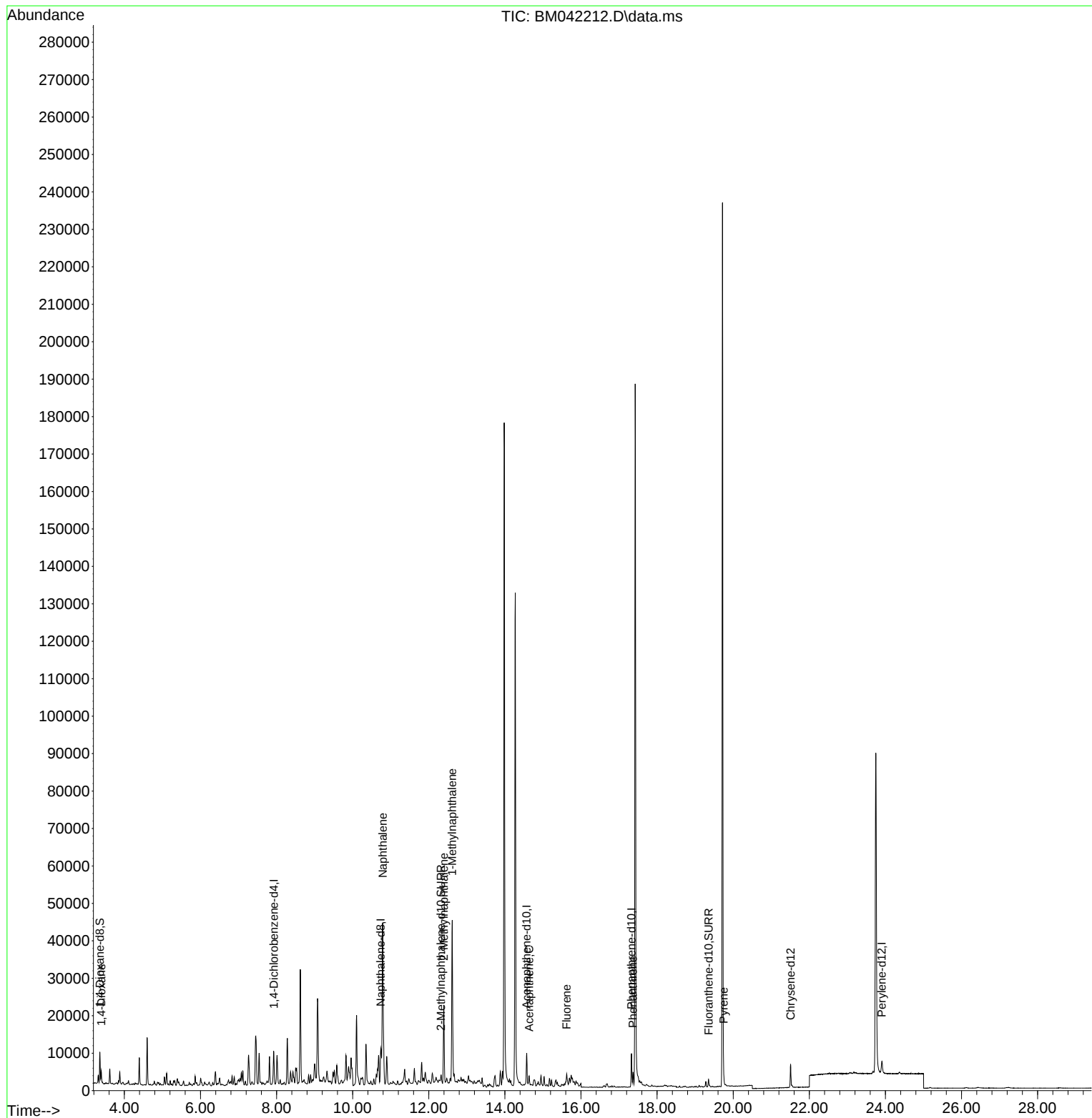
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3586	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.735	136	9541	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	4359	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	9598	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.510	240	4622	0.400	ng/ul	0.00
23) Perylene-d12	23.906	264	4824	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	4417	0.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	1129	0.086	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1707	0.098	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.393	88	1944	0.390	ng/ul#	89
5) Naphthalene	10.790	128	61915	1.945	ng/ul	98
7) 2-Methylnaphthalene	12.396	142	14995	0.787	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	28493	1.484	ng/ul	98
11) Acenaphthene	14.638	153	1624	0.078	ng/ul	93
12) Fluorene	15.624	166	2038	0.087	ng/ul#	93
15) Phenanthrene	17.367	178	4432	0.112	ng/ul#	93
20) Pyrene	19.747	202	1374	0.037	ng/ul#	73

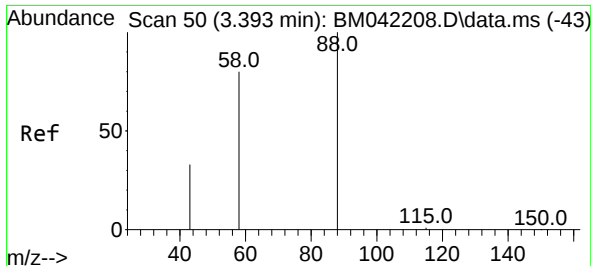
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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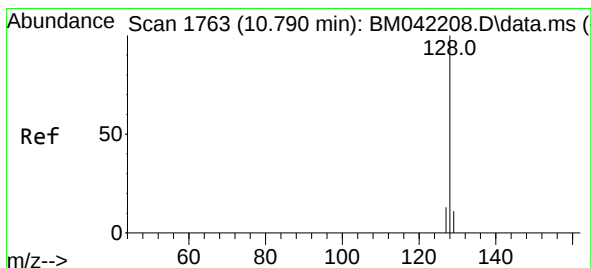
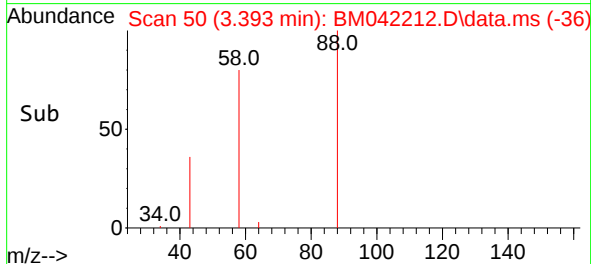
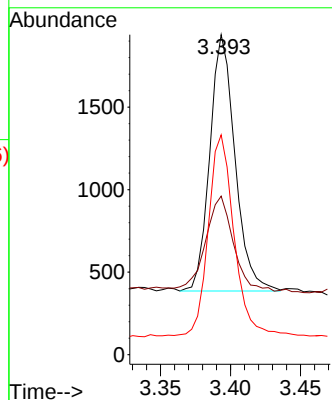
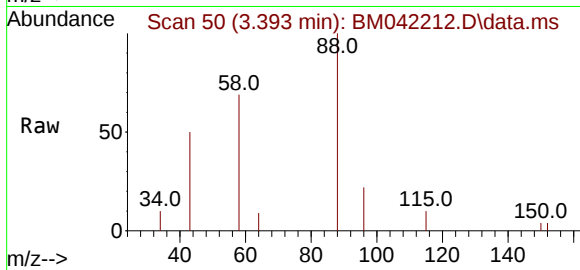




#2
1,4-Dioxane
Concen: 0.390 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM042212.D
Acq: 05 Oct 2023 11:35

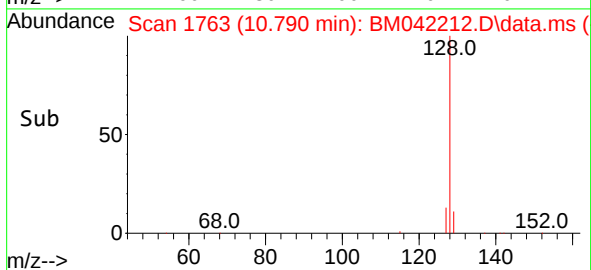
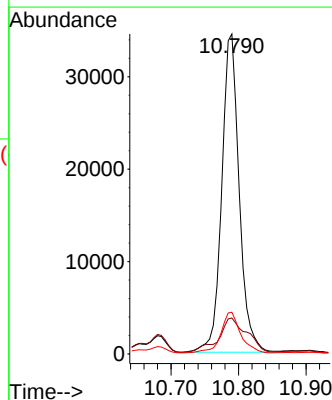
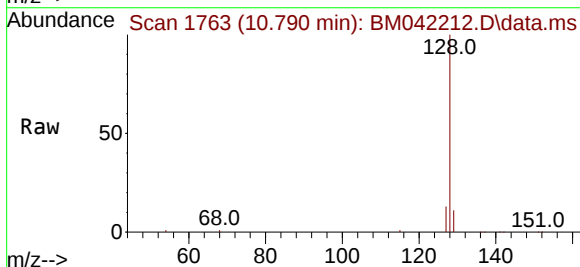
Instrument :
BNA_M
ClientSampleId :
BBJR6DL

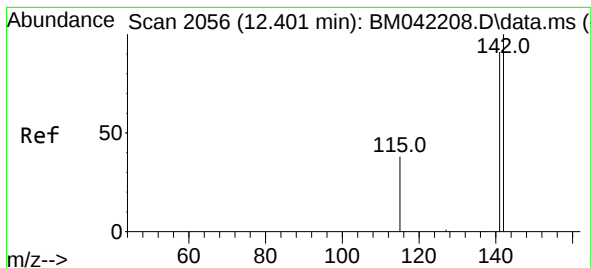
Tgt Ion: 88 Resp: 1944
Ion Ratio Lower Upper
88 100
43 49.6 52.1 78.1#
58 68.7 53.8 80.6



#5
Naphthalene
Concen: 1.945 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042212.D
Acq: 05 Oct 2023 11:35

Tgt Ion: 128 Resp: 61915
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.0 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.787 ng/ul

RT: 12.396 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BM042212.D

Acq: 05 Oct 2023 11:35

Instrument :

BNA_M

ClientSampleId :

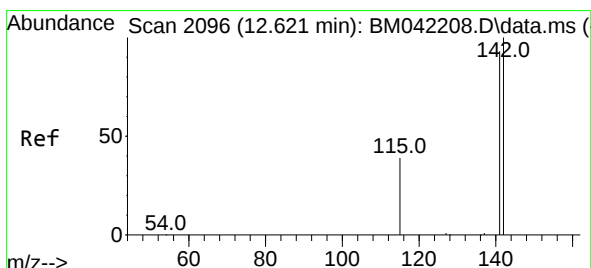
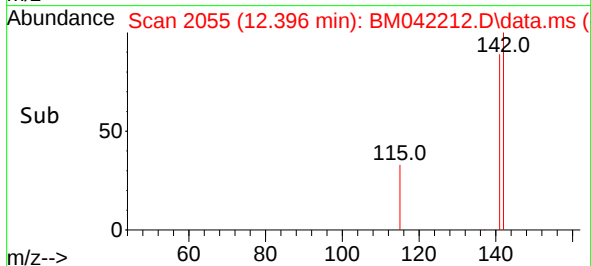
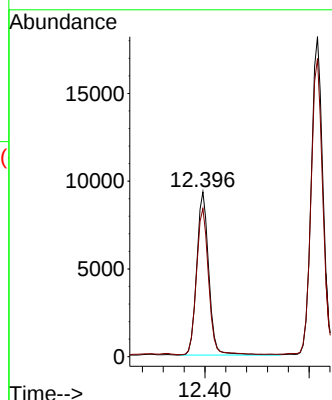
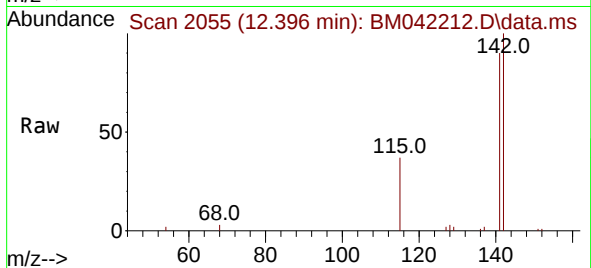
BBJR6DL

Tgt Ion:142 Resp: 14995

Ion Ratio Lower Upper

142 100

141 89.6 70.2 105.4



#8

1-Methylnaphthalene

Concen: 1.484 ng/ul

RT: 12.616 min Scan# 2095

Delta R.T. -0.005 min

Lab File: BM042212.D

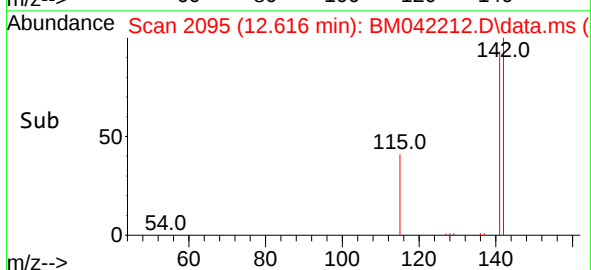
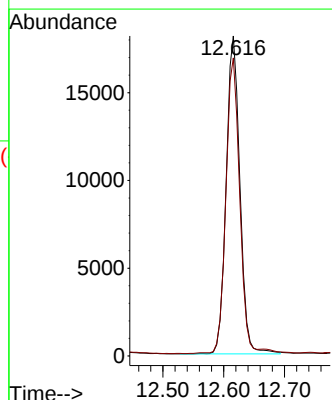
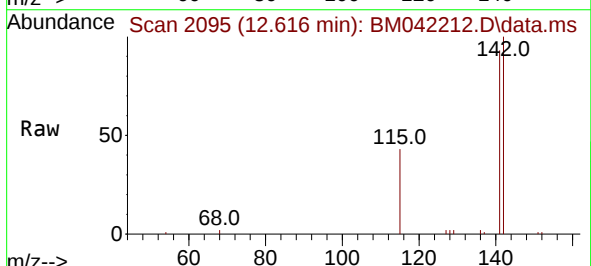
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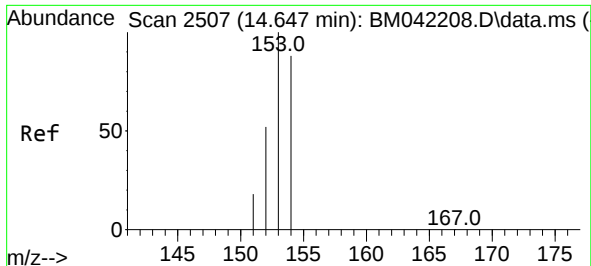
Tgt Ion:142 Resp: 28493

Ion Ratio Lower Upper

142 100

141 93.9 73.5 110.3

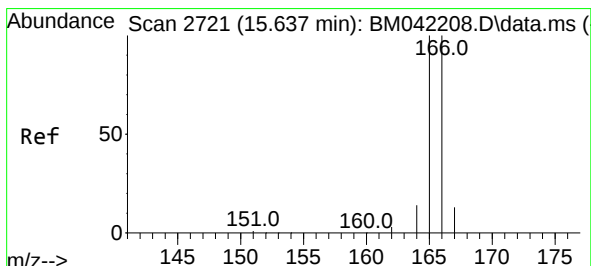
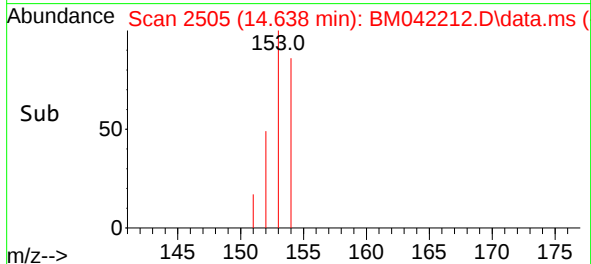
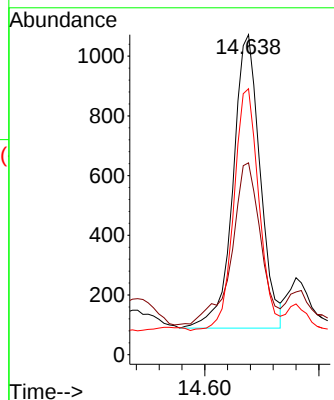
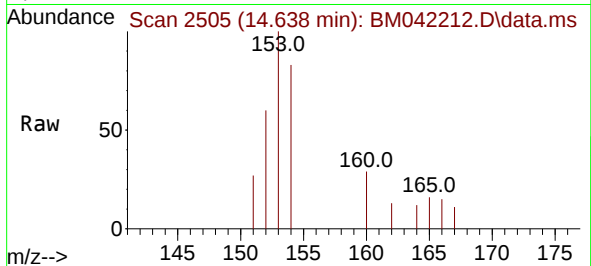




#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.638 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042212.D
Acq: 05 Oct 2023 11:35

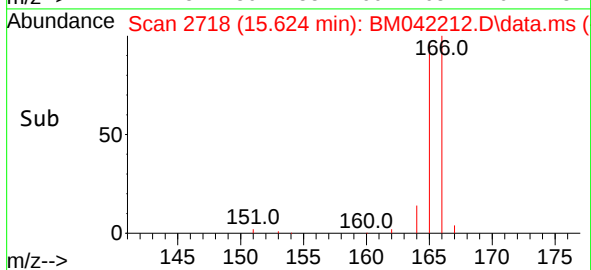
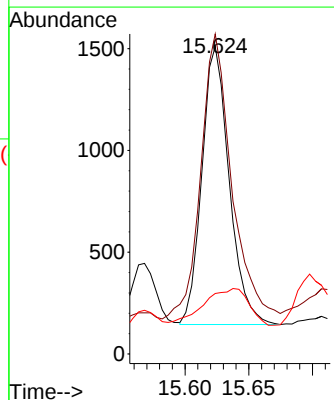
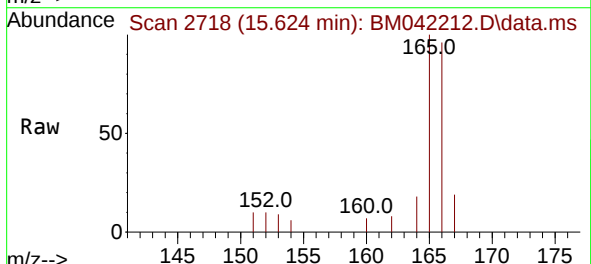
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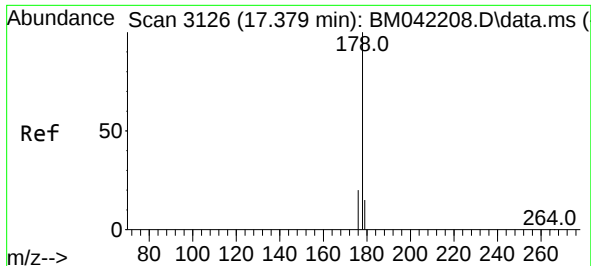
Tgt Ion:153 Resp: 1624
Ion Ratio Lower Upper
153 100
152 60.0 41.1 61.7
154 83.1 69.5 104.3



#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.624 min Scan# 2718
Delta R.T. -0.014 min
Lab File: BM042212.D
Acq: 05 Oct 2023 11:35

Tgt Ion:166 Resp: 2038
Ion Ratio Lower Upper
166 100
165 104.1 78.4 117.6
167 19.7 11.5 17.3#

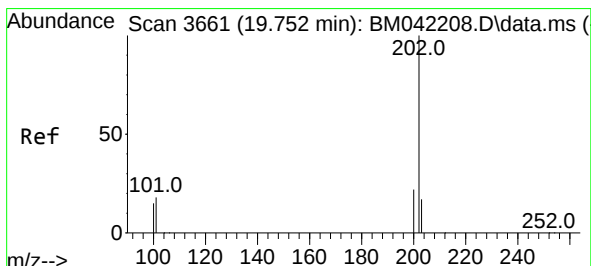
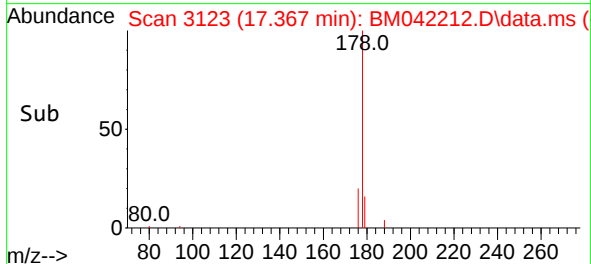
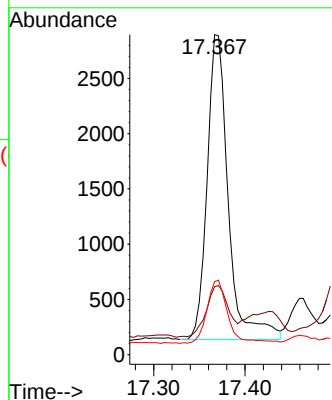
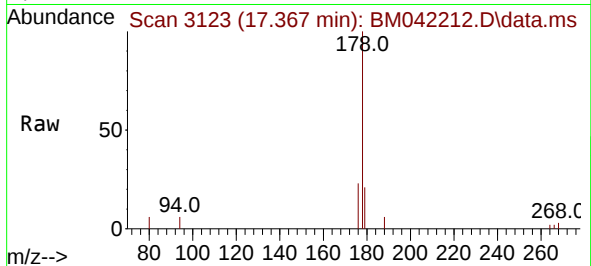




#15
Phenanthrene
Concen: 0.112 ng/ul
RT: 17.367 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM042212.D
Acq: 05 Oct 2023 11:35

Instrument :
BNA_M
ClientSampleId :
BBJR6DL

Tgt Ion:178 Resp: 4432
Ion Ratio Lower Upper
178 100
179 21.3 13.0 19.4#
176 22.8 16.8 25.2



#20
Pyrene
Concen: 0.037 ng/ul
RT: 19.747 min Scan# 3660
Delta R.T. -0.004 min
Lab File: BM042212.D
Acq: 05 Oct 2023 11:35

Tgt Ion:202 Resp: 1374
Ion Ratio Lower Upper
202 100
101 27.3 12.7 19.1#
100 23.4 9.9 14.9#

