

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
 Data File : BM042232.D
 Acq On : 09 Oct 2023 20:10
 Operator : MA/JU
 Sample : 04780-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH372

Quant Time: Oct 10 00:01:32 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 09 23:59:28 2023
 Response via : Initial Calibration

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

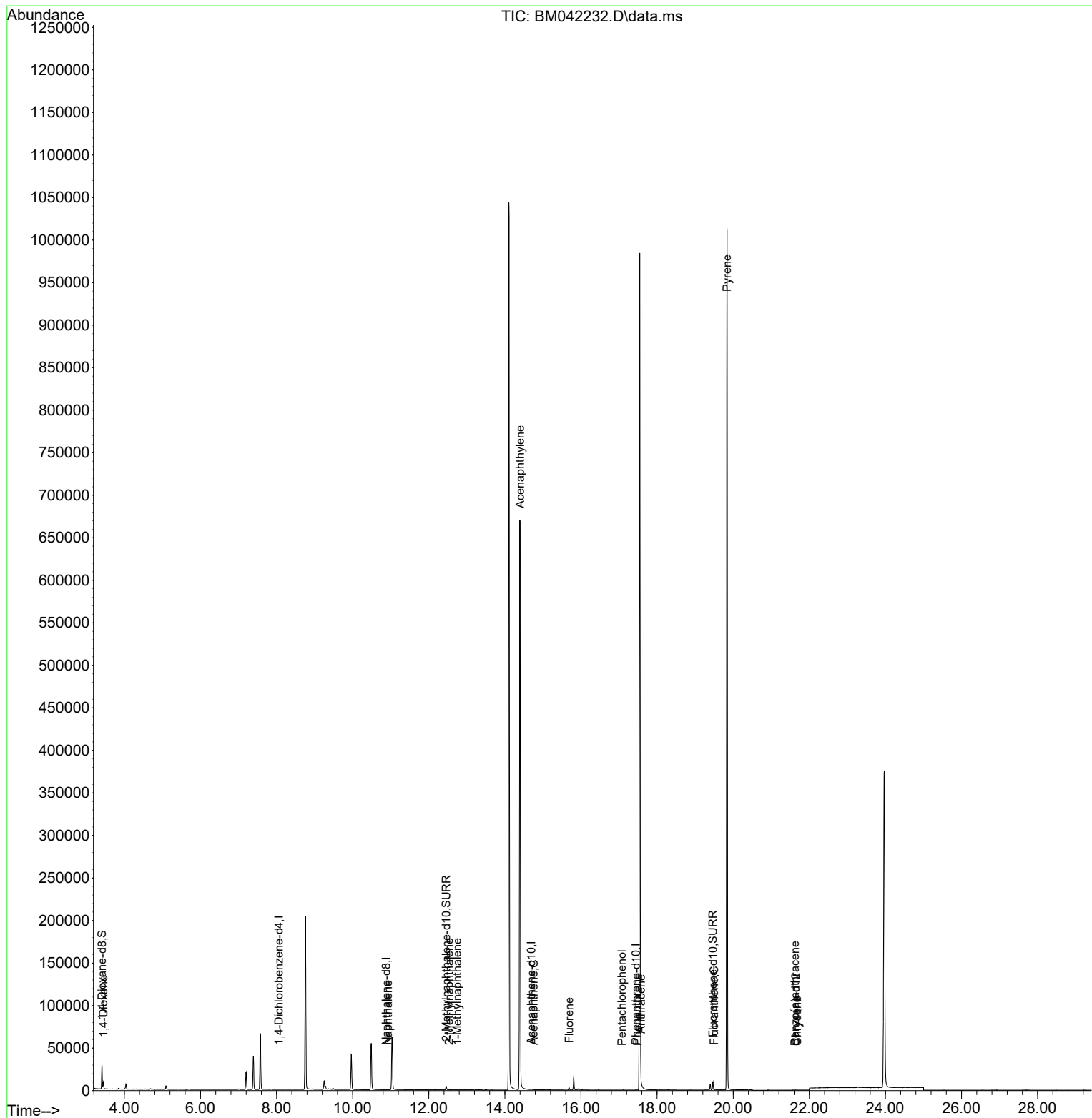
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.878	136	80	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.694	164	301	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.447	188	484	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.638	240	177	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	15057	2261.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5392	49.143	ng/ul	0.00
18) Fluoranthene-d10	19.468	212	7681	11.559	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	4595	660.835	ng/ul#	84
5) Naphthalene	10.928	128	239	0.895	ng/ul#	28
7) 2-Methylnaphthalene	12.533	142	45	0.282	ng/ul	82
8) 1-Methylnaphthalene	12.748	142	33	0.205	ng/ul	92
10) Acenaphthylene	14.398	152	125	0.066	ng/ul#	1
11) Acenaphthene	14.759	153	35	0.024	ng/ul#	70
12) Fluorene	15.688	166	2668	1.645	ng/ul#	14
14) Pentachlorophenol	17.075	266	46	0.210	ng/ul	94
15) Phenanthrene	17.489	178	208	0.104	ng/ul#	29
16) Anthracene	17.578	178	127	0.070	ng/ul#	9
19) Fluoranthene	19.496	202	97	0.072	ng/ul#	1
20) Pyrene	19.840	202	2160	1.511	ng/ul#	1
21) Benzo(a)anthracene	21.621	228	104	0.091	ng/ul#	22
22) Chrysene	21.679	228	93	0.084	ng/ul#	28

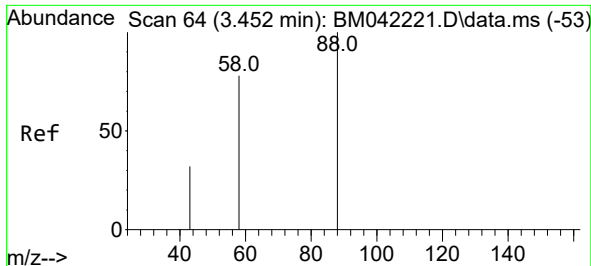
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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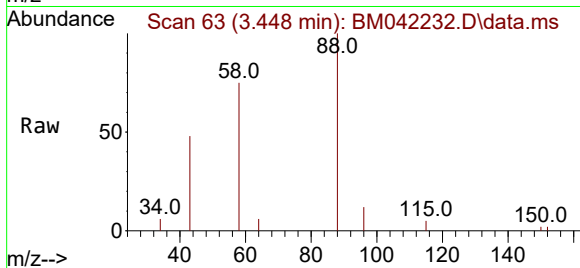
Quant Time: Oct 10 00:01:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
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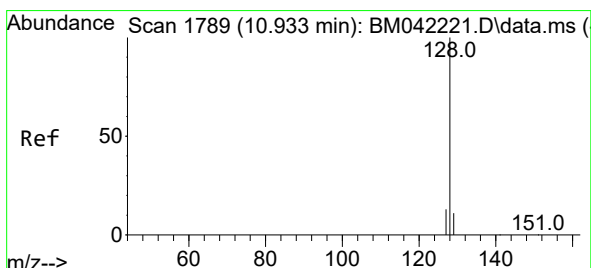
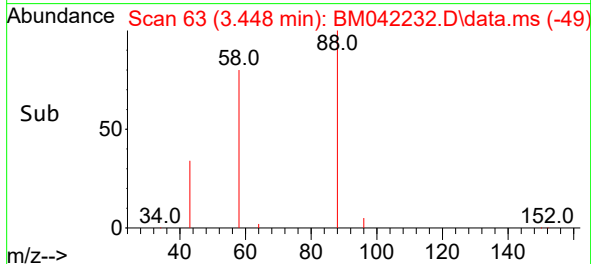
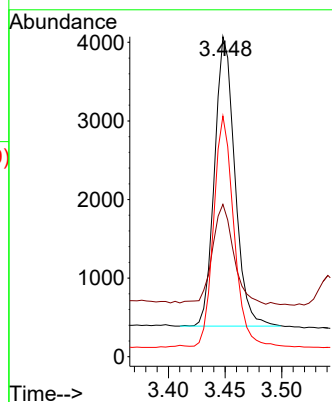


#2
1,4-Dioxane
Concen: 660.835 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

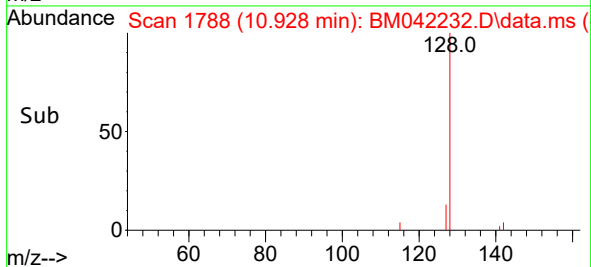
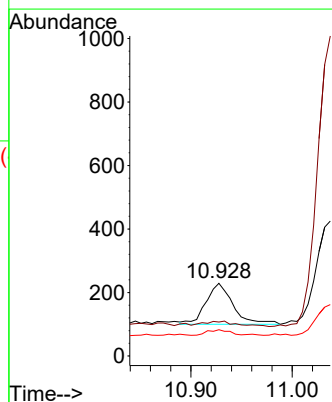
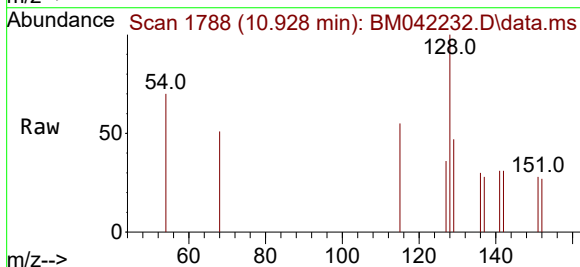


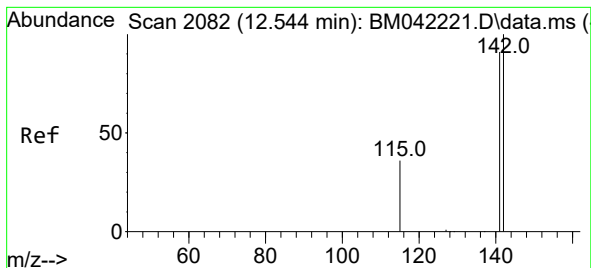
Tgt Ion: 88 Resp: 4595
Ion Ratio Lower Upper
88 100
43 47.6 52.1 78.1#
58 75.2 53.8 80.6



#5
Naphthalene
Concen: 0.895 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:128 Resp: 239
Ion Ratio Lower Upper
128 100
129 46.7 9.4 14.2#
127 36.2 11.0 16.4#

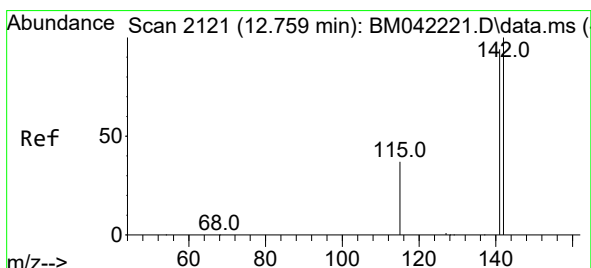
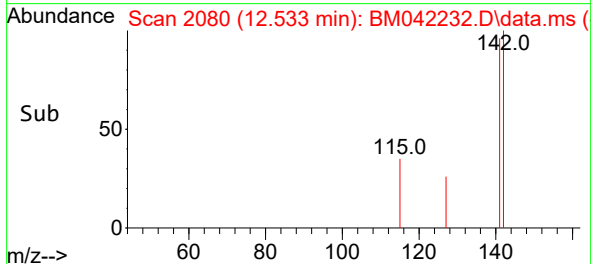
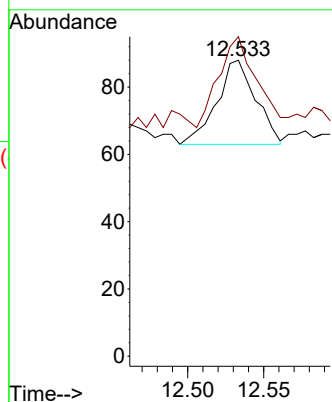
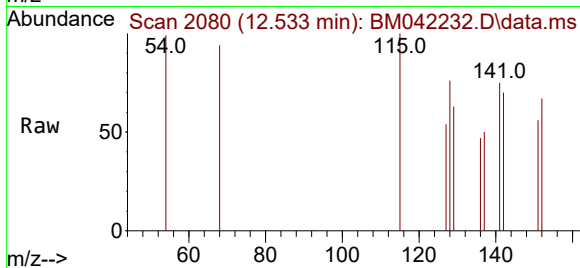




#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. 0.005 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

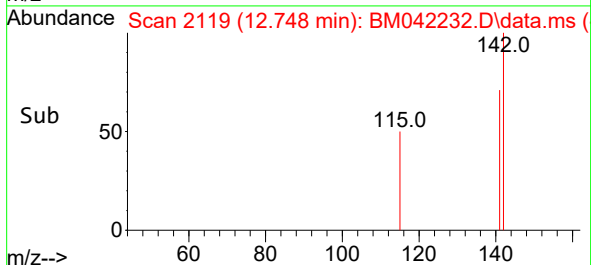
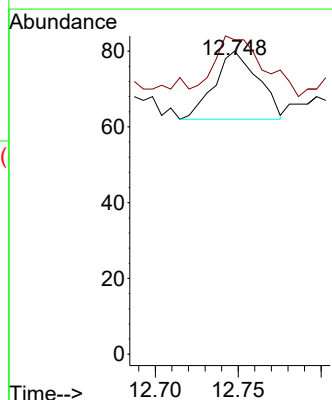
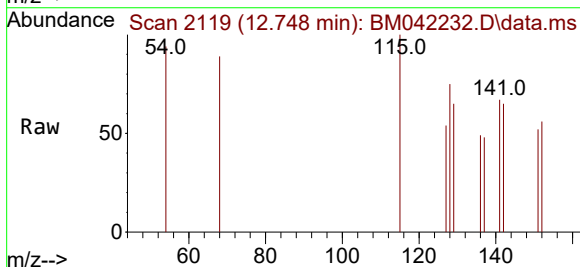
Instrument :
BNA_M
ClientSampleId :
BH372

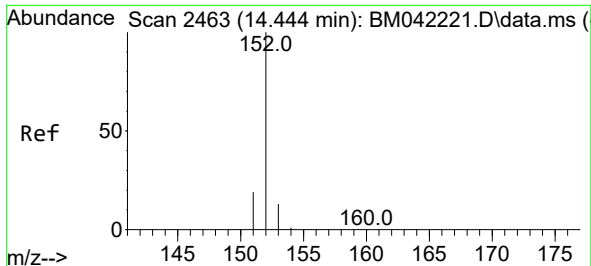
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
141 104.4 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:142 Resp: 33
Ion Ratio Lower Upper
142 100
141 100.0 73.5 110.3

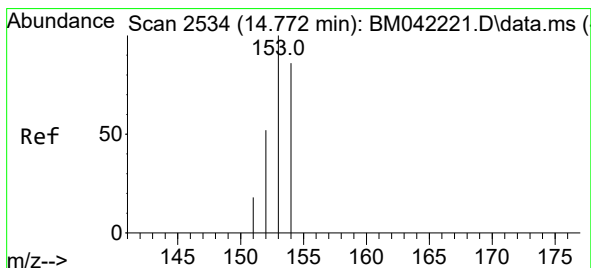
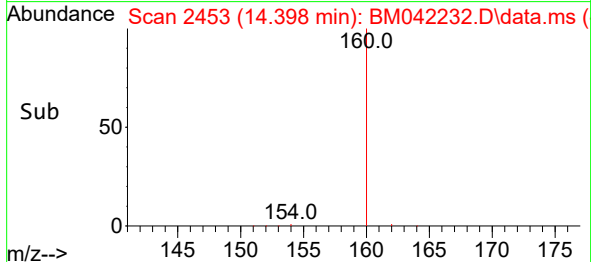
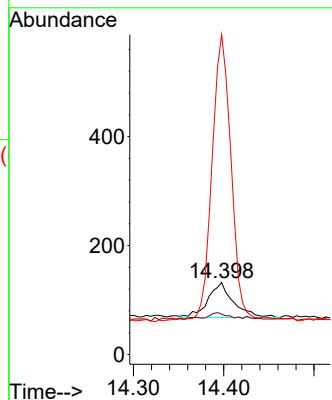
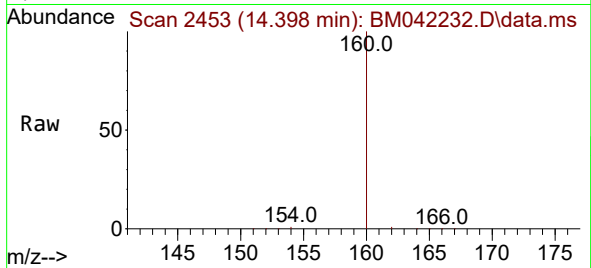




#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.398 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

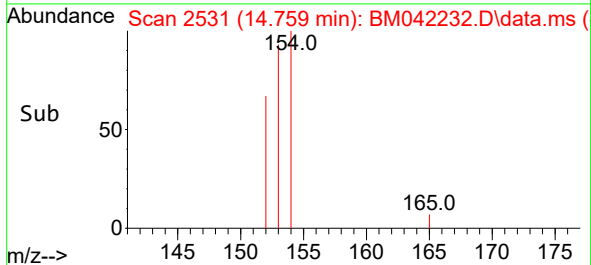
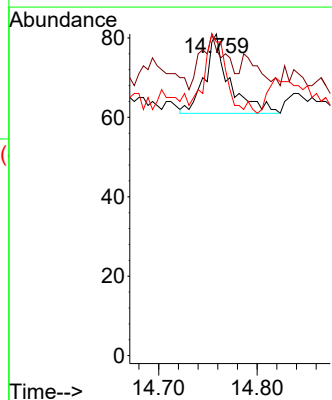
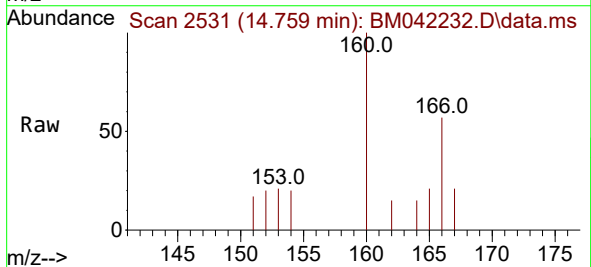
Instrument :
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ClientSampleId :
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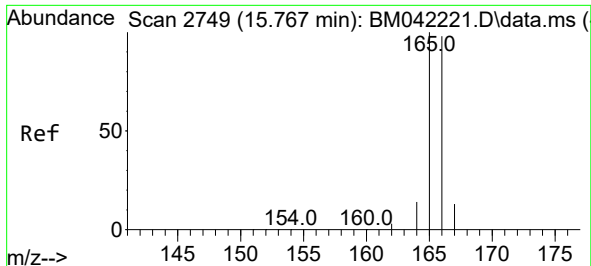
Tgt Ion:152 Resp: 125
Ion Ratio Lower Upper
152 100
151 56.1 16.4 24.6#
153 444.7 10.9 16.3#



#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.759 min Scan# 2531
Delta R.T. 0.004 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:153 Resp: 35
Ion Ratio Lower Upper
153 100
152 95.1 41.1 61.7#
154 97.5 69.5 104.3

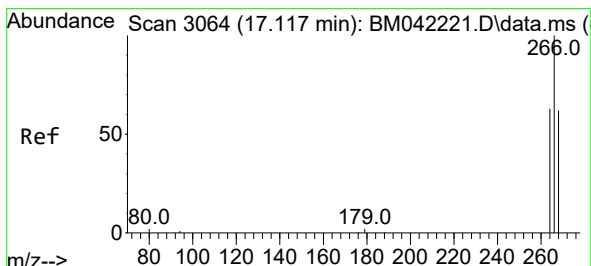
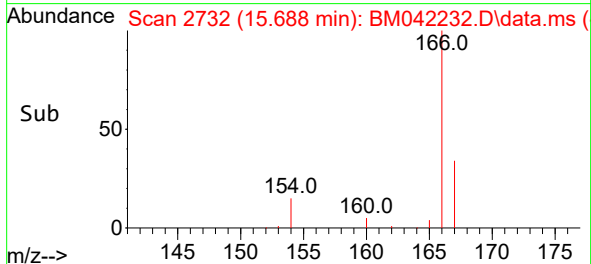
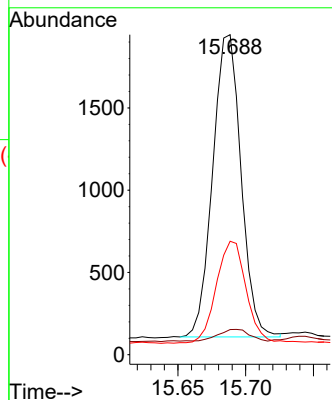
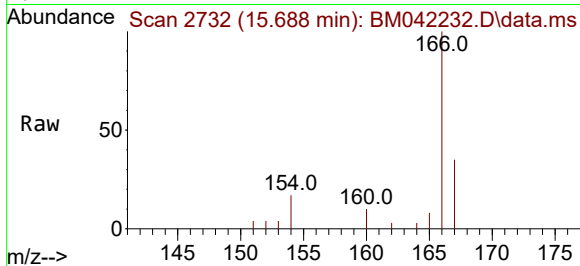




#12
Fluorene
Concen: 1.645 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. -0.056 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

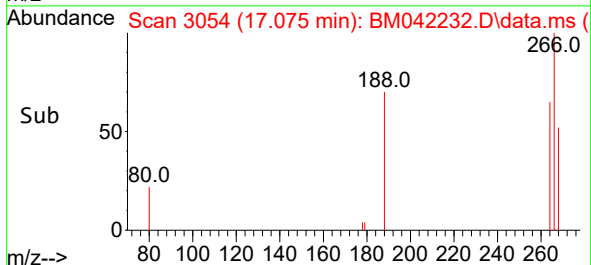
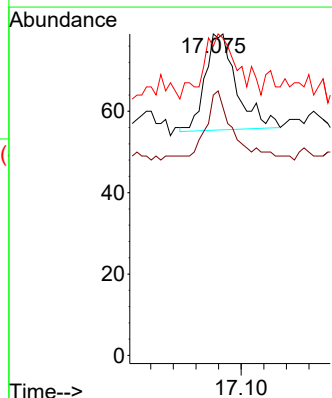
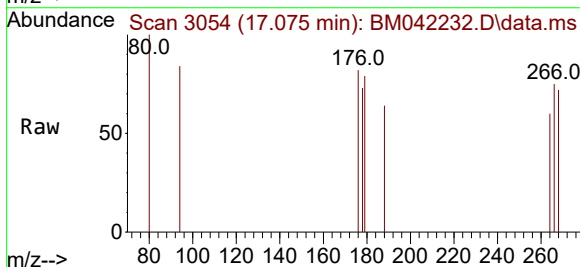
Instrument :
BNA_M
ClientSampleId :
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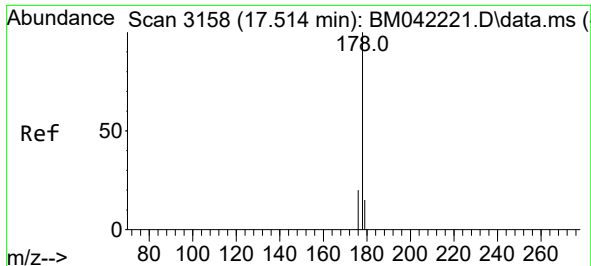
Tgt Ion:166 Resp: 2668
Ion Ratio Lower Upper
166 100
165 7.9 78.4 117.6#
167 35.5 11.5 17.3#



#14
Pentachlorophenol
Concen: 0.210 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:266 Resp: 46
Ion Ratio Lower Upper
266 100
264 63.0 51.1 76.7
268 73.9 52.1 78.1

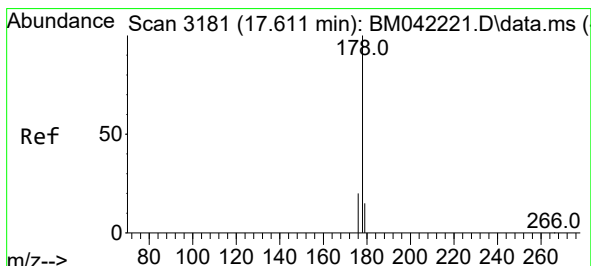
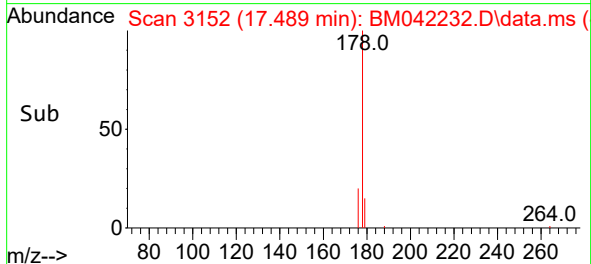
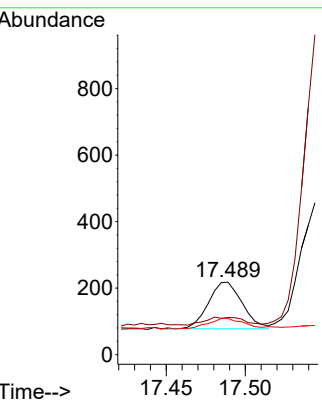
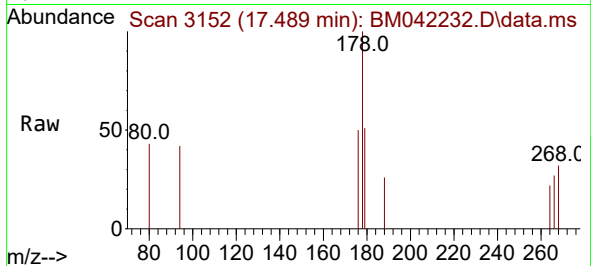




#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.489 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

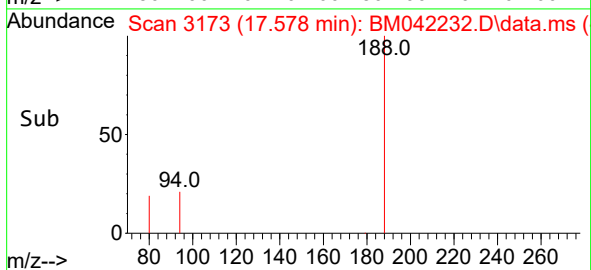
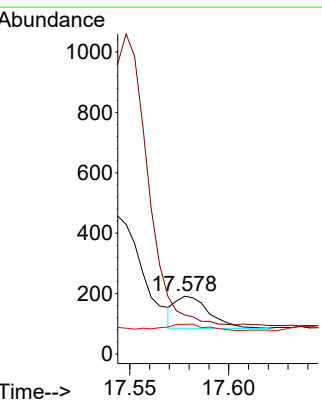
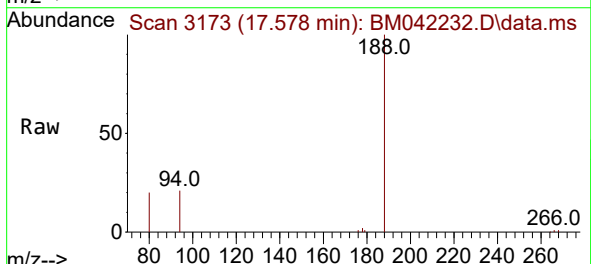
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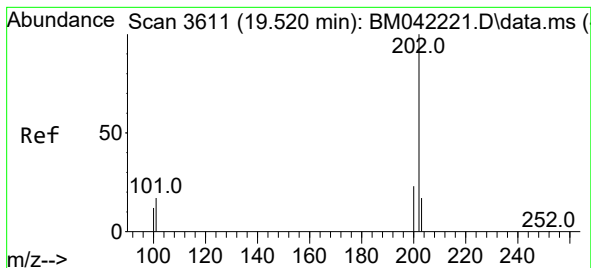
Tgt Ion:178 Resp: 208
Ion Ratio Lower Upper
178 100
179 51.4 13.0 19.4#
176 50.0 16.8 25.2#



#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.578 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:178 Resp: 127
Ion Ratio Lower Upper
178 100
179 67.5 12.9 19.3#
176 51.3 16.3 24.5#





#19

Fluoranthene

Concen: 0.072 ng/ul

RT: 19.496 min Scan# 3606

Delta R.T. -0.005 min

Lab File: BM042232.D

Acq: 09 Oct 2023 20:10

Instrument :

BNA_M

ClientSampleId :

BH372

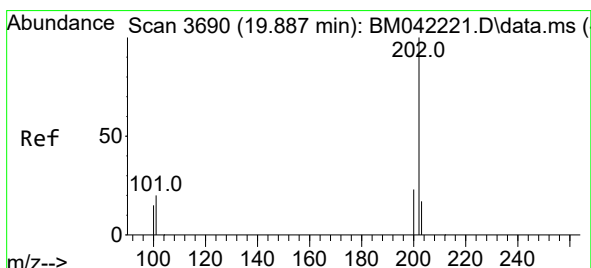
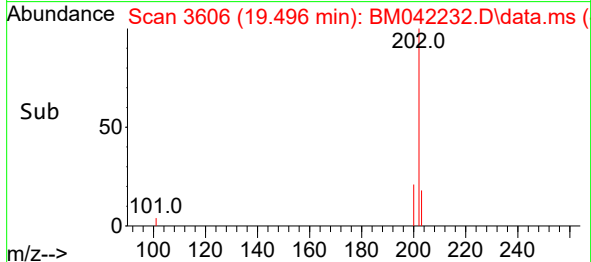
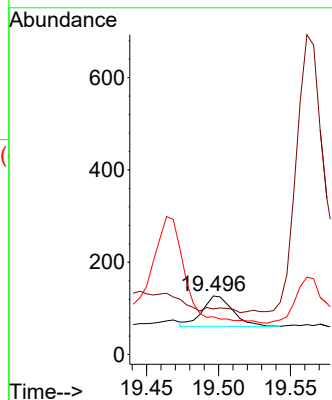
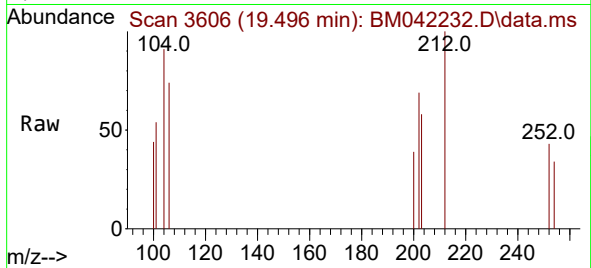
Tgt Ion:202 Resp: 97

Ion Ratio Lower Upper

202 100

101 78.0 11.1 16.7#

100 64.6 8.2 12.2#



#20

Pyrene

Concen: 1.511 ng/ul

RT: 19.840 min Scan# 3680

Delta R.T. -0.028 min

Lab File: BM042232.D

Acq: 09 Oct 2023 20:10

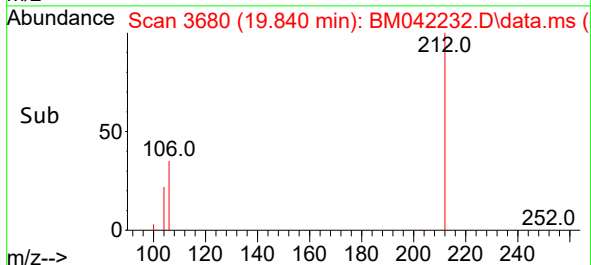
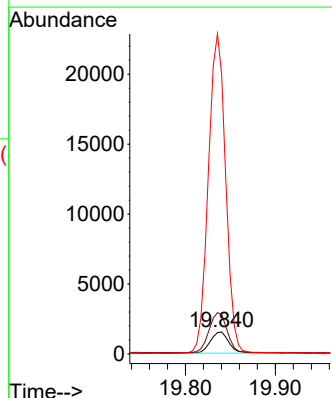
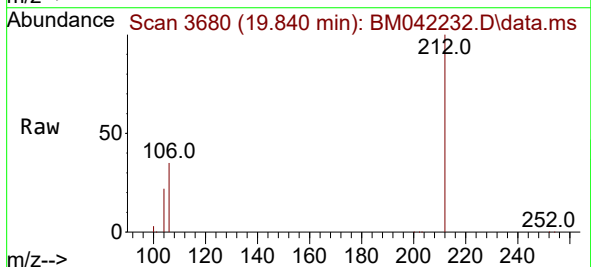
Tgt Ion:202 Resp: 2160

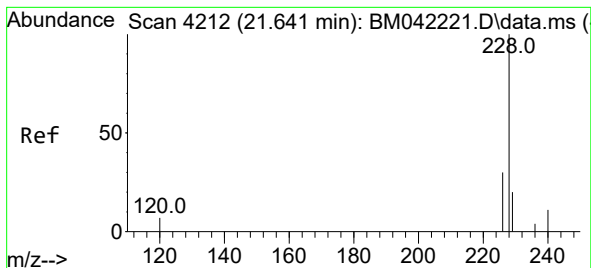
Ion Ratio Lower Upper

202 100

101 180.3 12.7 19.1#

100 1267.2 9.9 14.9#





#21

Benzo(a)anthracene

Concen: 0.091 ng/ul

RT: 21.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM042232.D

Acq: 09 Oct 2023 20:10

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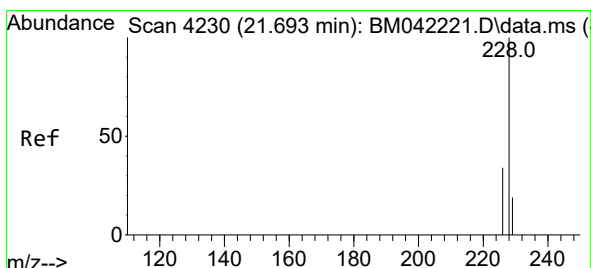
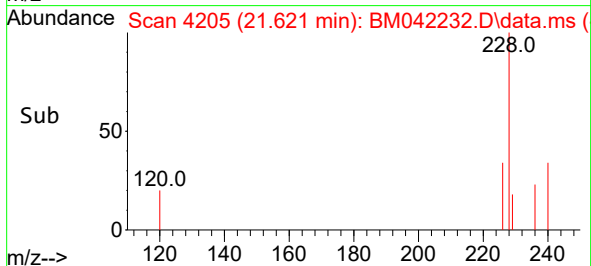
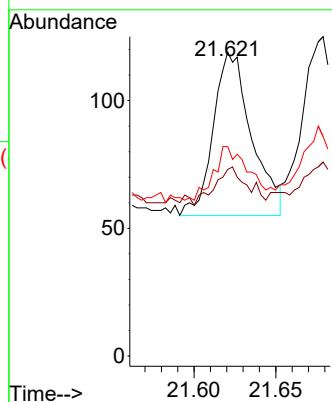
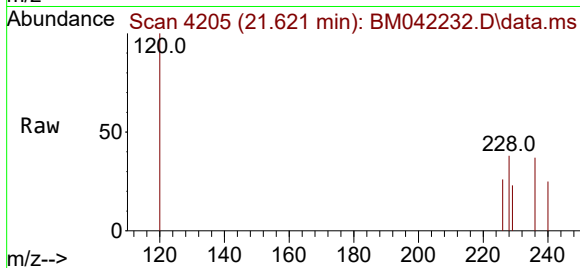
Tgt Ion:228 Resp: 104

Ion Ratio Lower Upper

228 100

229 61.3 15.8 23.8#

226 68.9 24.6 37.0#



#22

Chrysene

Concen: 0.084 ng/ul

RT: 21.679 min Scan# 4225

Delta R.T. 0.006 min

Lab File: BM042232.D

Acq: 09 Oct 2023 20:10

Tgt Ion:228 Resp: 93

Ion Ratio Lower Upper

228 100

226 68.8 26.7 40.1#

229 60.8 15.8 23.8#

