

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034623.D
 Acq On : 12 Apr 2022 15:53
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

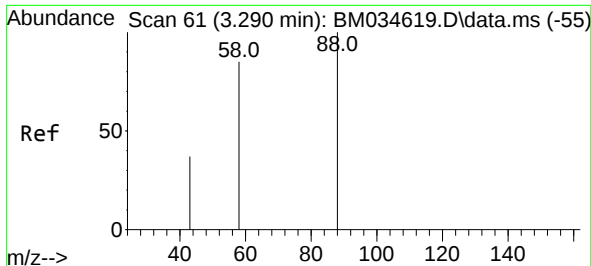
Instrument :
 BNA_M
 ClientSampleId :
 SICV028

Quant Time: Apr 12 18:43:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	1549	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.704	136	4600	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.533	164	2397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	3436	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	3352	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	2651	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1036	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.304	152	2442	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	3987	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	1040	0.391	ng/ul#	67
5) Naphthalene	10.753	128	5502	0.413	ng/ul#	92
7) 2-Methylnaphthalene	12.381	142	3348	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.590	142	3169	0.394	ng/ul	98
10) Acenaphthylene	14.260	152	4881	0.434	ng/ul	94
11) Acenaphthene	14.597	153	3694	0.410	ng/ul	95
12) Fluorene	15.587	166	3712	0.401	ng/ul	99
14) Pentachlorophenol	16.958	266	611	0.458	ng/ul	95
15) Phenanthrene	17.329	178	4634	0.417	ng/ul	99
16) Anthracene	17.426	178	3460	0.408	ng/ul	99
19) Fluoranthene	19.340	202	5387	0.389	ng/ul#	95
20) Pyrene	19.702	202	6720	0.411	ng/ul#	93
22) Chrysene	21.508	228	3418	0.386	ng/ul	98
25) Benzo(k)fluoranthene	23.177	252	3736	0.428	ng/ul#	77
26) Benzo(a)pyrene	23.753	252	4684	0.468	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.349	276	5722	0.431	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.396	278	4094	0.426	ng/ul#	58
29) Benzo(g,h,i)perylene	27.097	276	6421	0.444	ng/ul#	94

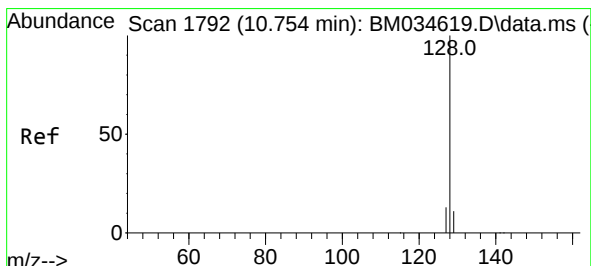
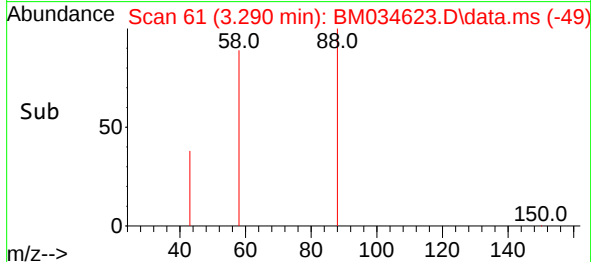
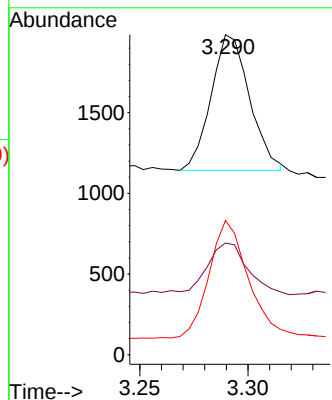
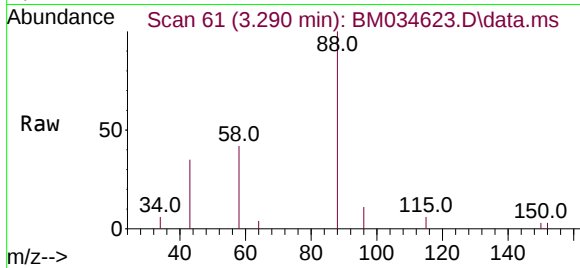
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.391 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

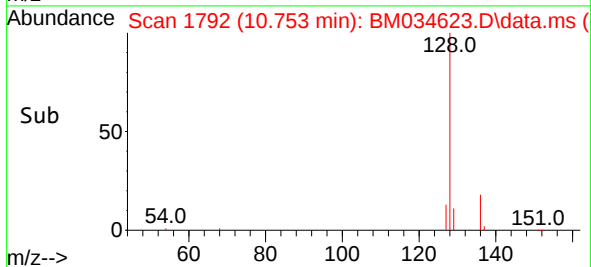
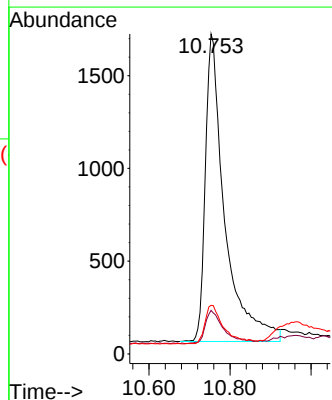
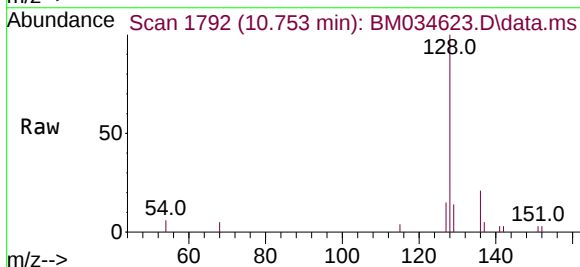
Instrument :
BNA_M
ClientSampleId :
SICV028

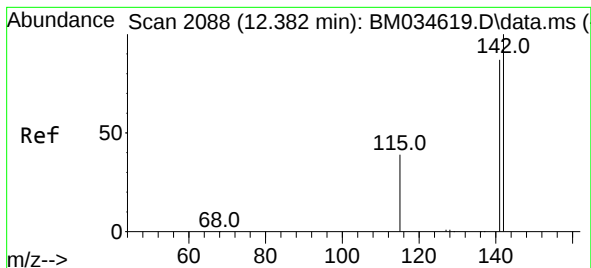
Tgt Ion: 88 Resp: 1040
Ion Ratio Lower Upper
88 100
43 34.9 49.7 74.5#
58 42.0 52.5 78.7#



#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.753 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion: 128 Resp: 5502
Ion Ratio Lower Upper
128 100
129 13.6 13.4 20.2
127 15.2 15.2 22.8#

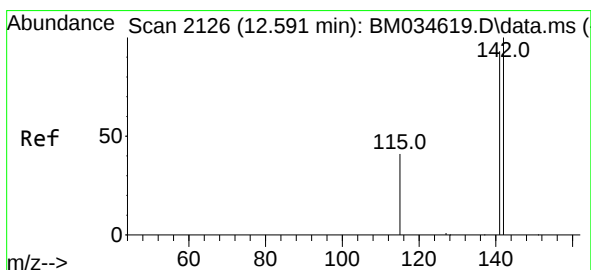
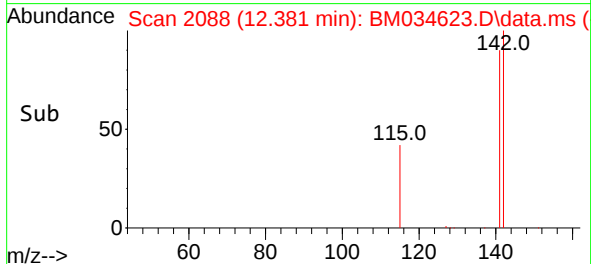
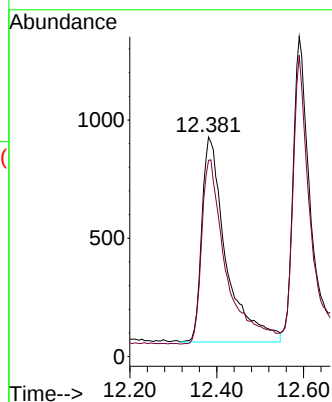
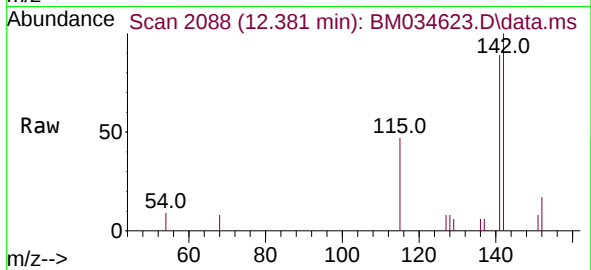




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.381 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

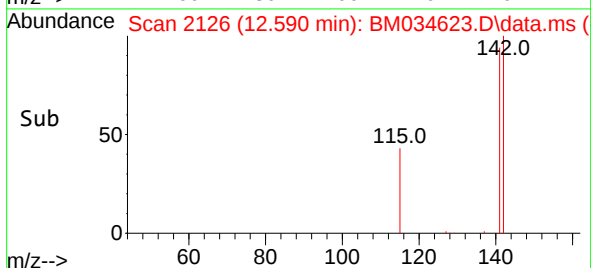
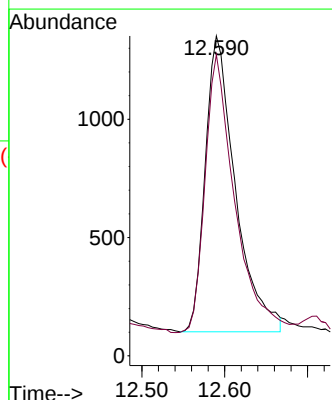
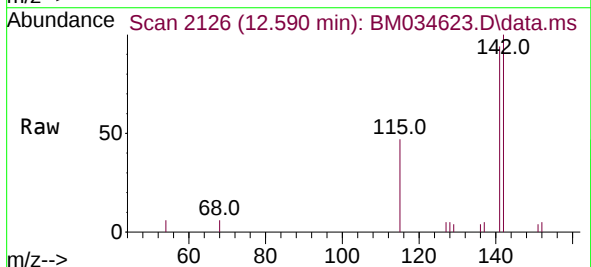
Instrument :
BNA_M
ClientSampleId :
SICV028

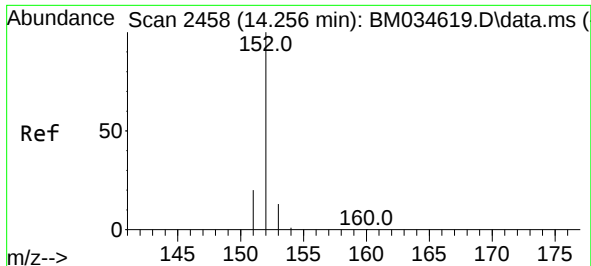
Tgt Ion:142 Resp: 3348
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.590 min Scan# 2126
Delta R.T. -0.001 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion:142 Resp: 3169
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.4

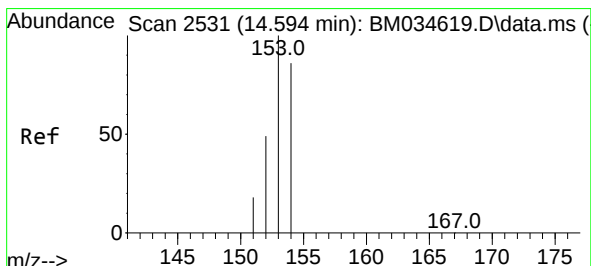
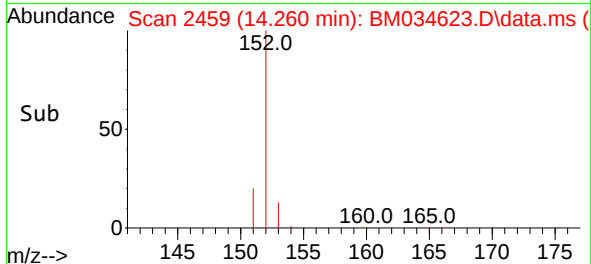
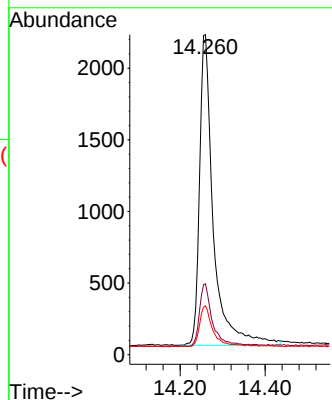
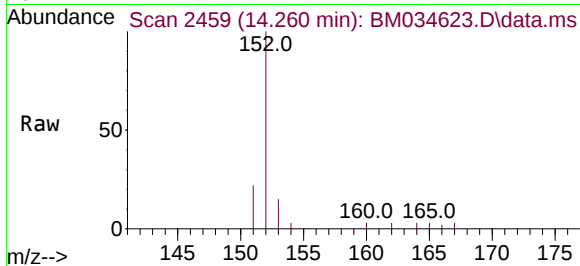




#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.260 min Scan# 2458
Delta R.T. 0.003 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

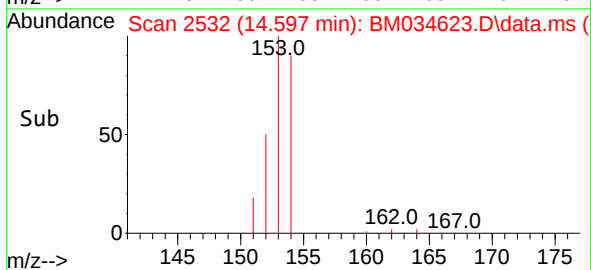
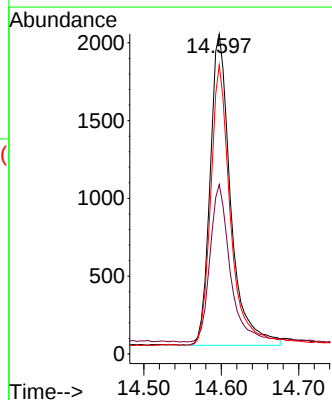
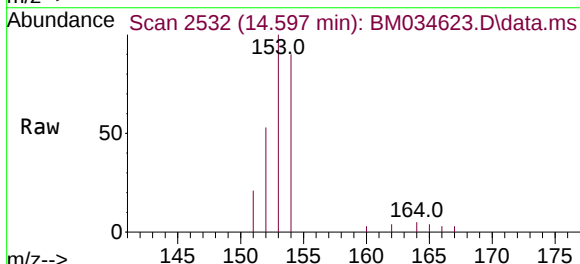
Instrument :
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ClientSampleId :
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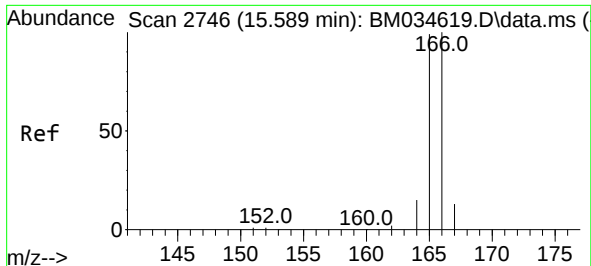
Tgt Ion:	152	Resp:	4881
Ion Ratio	Lower	Upper	
152	100		
151	22.2	19.9	29.9
153	15.3	15.0	22.4



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.597 min Scan# 2532
Delta R.T. 0.003 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion:	153	Resp:	3694
Ion Ratio	Lower	Upper	
153	100		
152	52.9	42.4	63.6
154	90.4	66.2	99.2

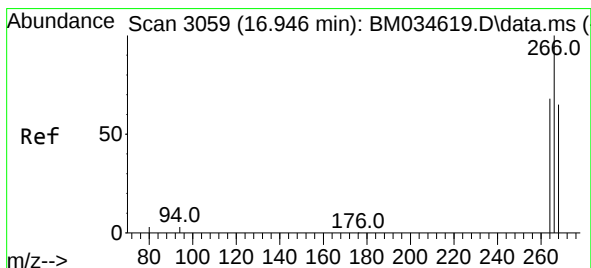
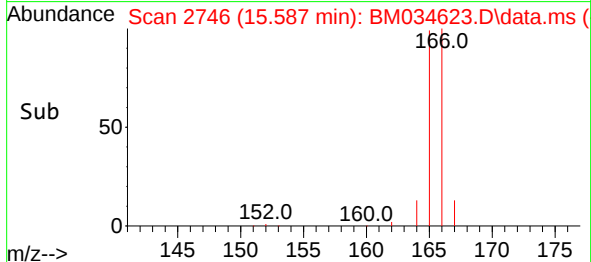
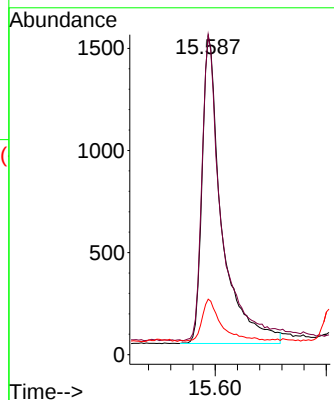
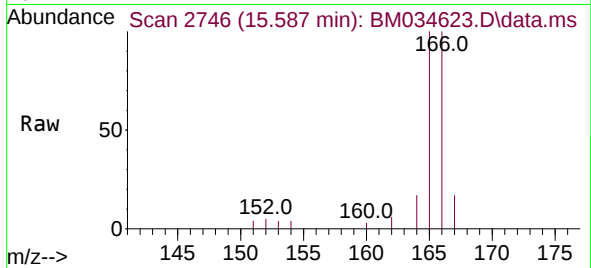




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

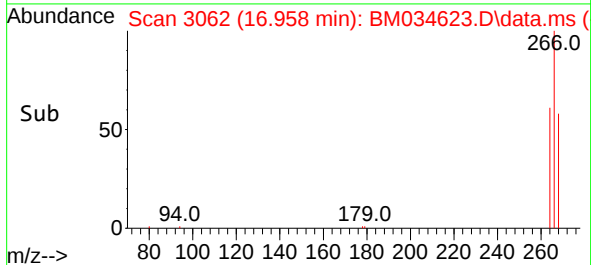
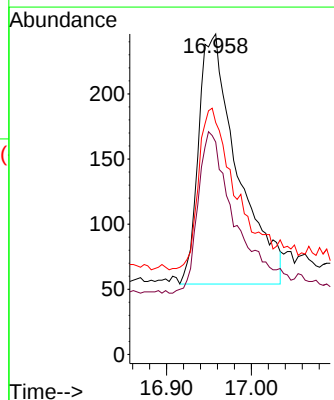
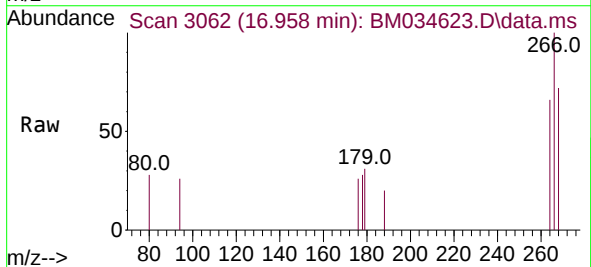
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BNA_M
ClientSampleId :
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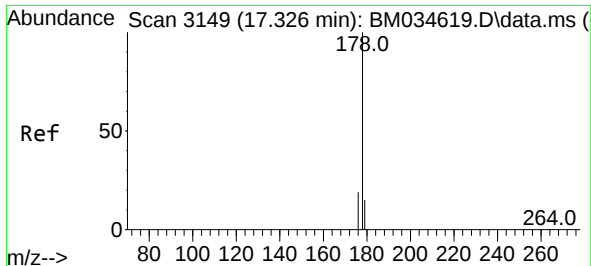
Tgt Ion:166 Resp: 3712
Ion Ratio Lower Upper
166 100
165 100.4 81.1 121.7
167 17.4 14.9 22.3



#14
Pentachlorophenol
Concen: 0.458 ng/ul
RT: 16.958 min Scan# 3062
Delta R.T. 0.011 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion:266 Resp: 611
Ion Ratio Lower Upper
266 100
264 61.4 51.4 77.0
268 61.5 53.1 79.7

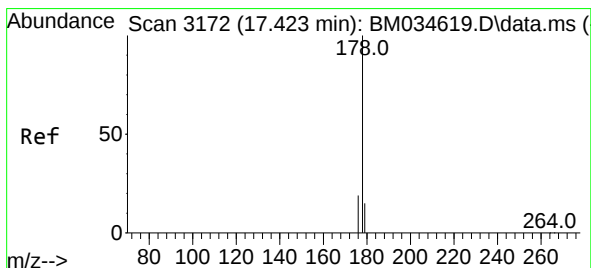
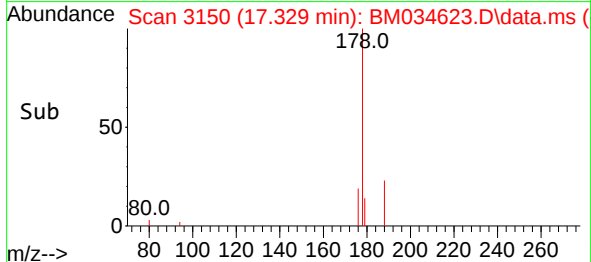
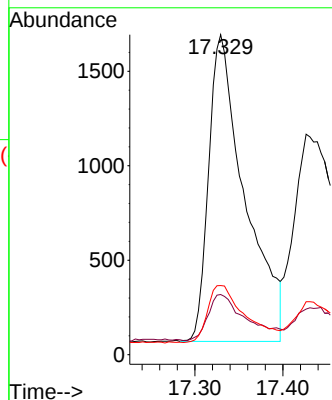
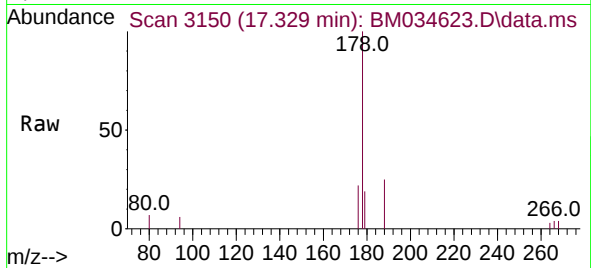




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 17.329 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

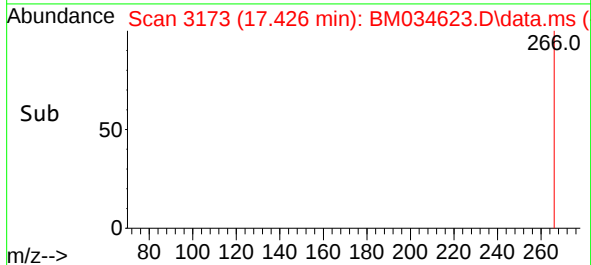
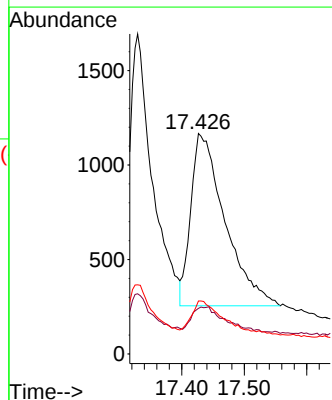
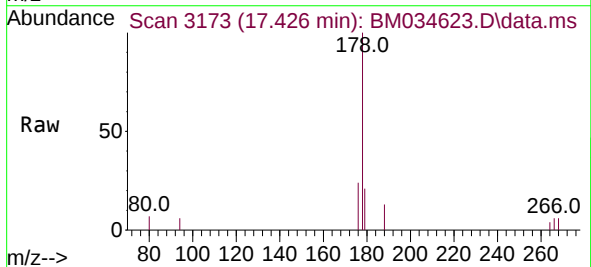
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ClientSampleId :
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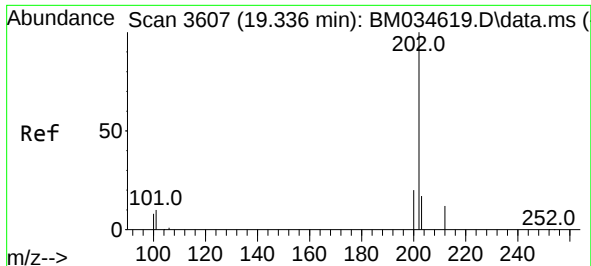
Tgt Ion:178 Resp: 4634
Ion Ratio Lower Upper
178 100
179 18.8 15.0 22.6
176 21.6 17.9 26.9



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.426 min Scan# 3173
Delta R.T. 0.003 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion:178 Resp: 3460
Ion Ratio Lower Upper
178 100
179 20.7 16.5 24.7
176 24.0 18.3 27.5

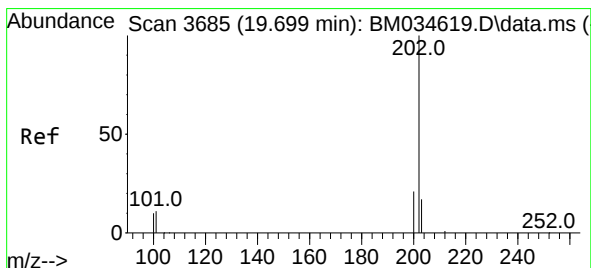
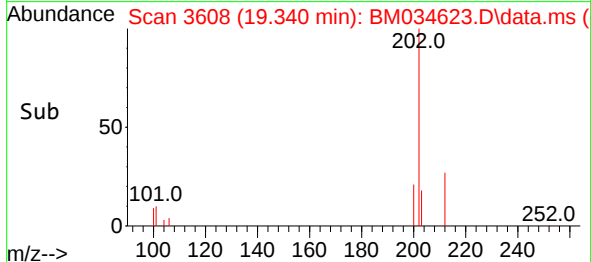
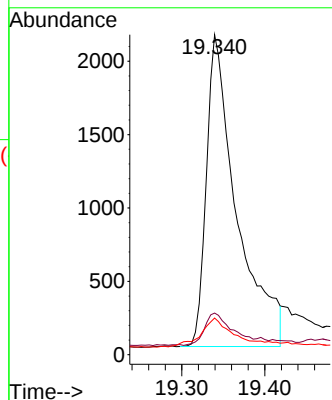
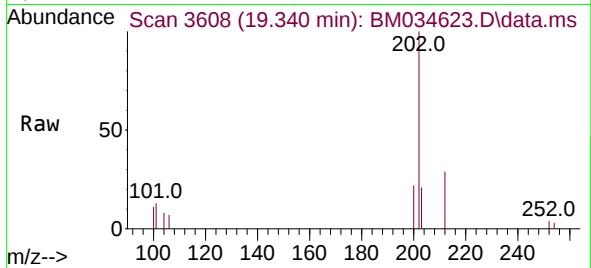




#19
Fluoranthene
Concen: 0.389 ng/u1
RT: 19.340 min Scan# 3607
Delta R.T. 0.003 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

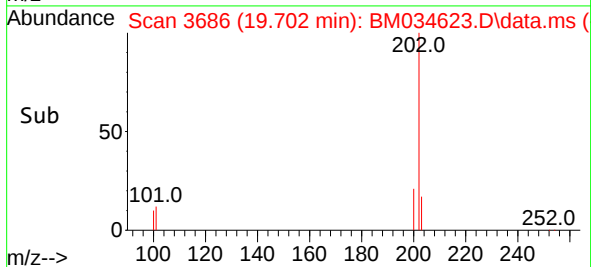
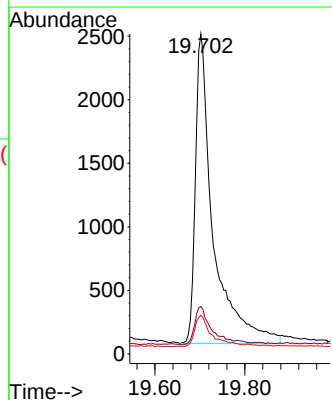
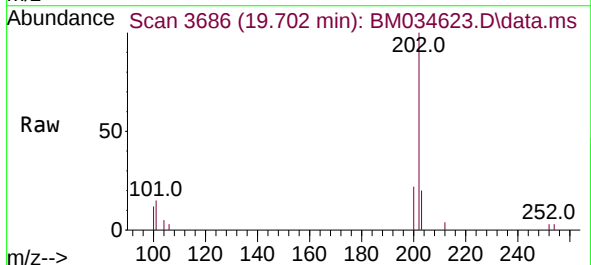
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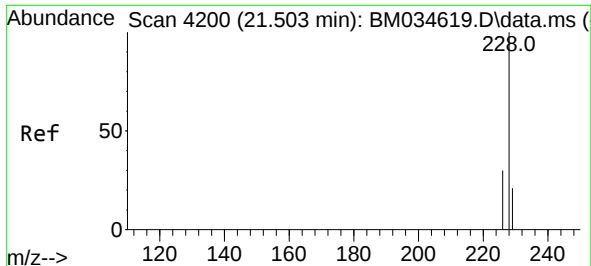
Tgt Ion:202 Resp: 5387
Ion Ratio Lower Upper
202 100
101 13.0 9.2 13.8
100 11.5 7.2 10.8#



#20
Pyrene
Concen: 0.411 ng/u1
RT: 19.702 min Scan# 3686
Delta R.T. 0.003 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

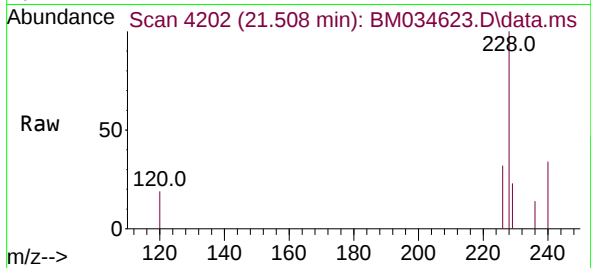
Tgt Ion:202 Resp: 6720
Ion Ratio Lower Upper
202 100
101 14.8 9.3 13.9#
100 12.0 7.8 11.6#



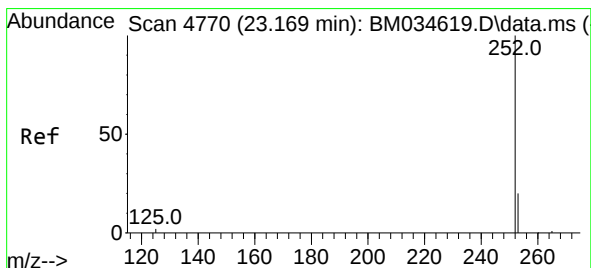
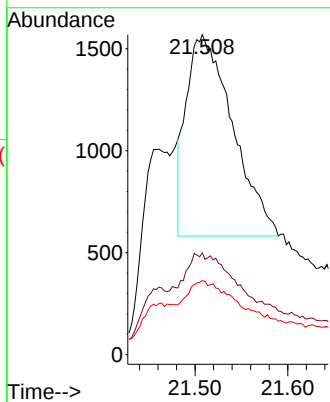
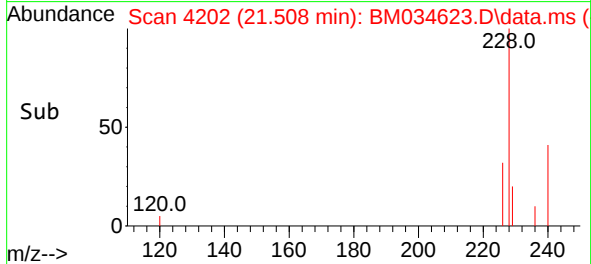


#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.508 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

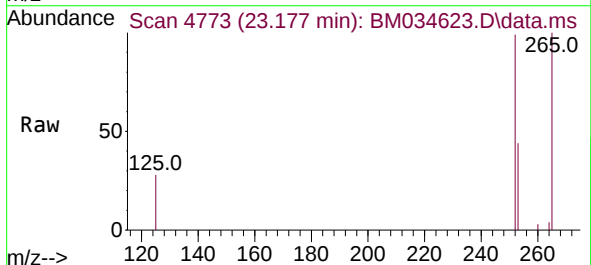
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ClientSampleId :
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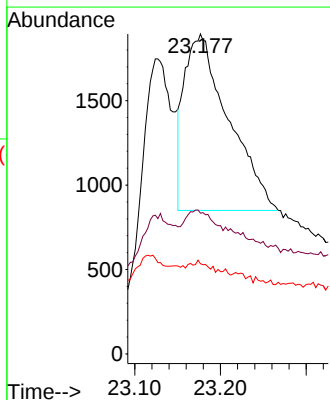
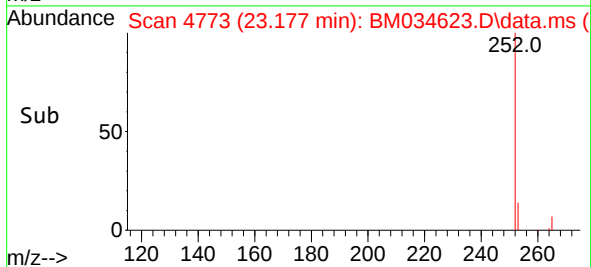
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Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 23.1 16.7 25.1

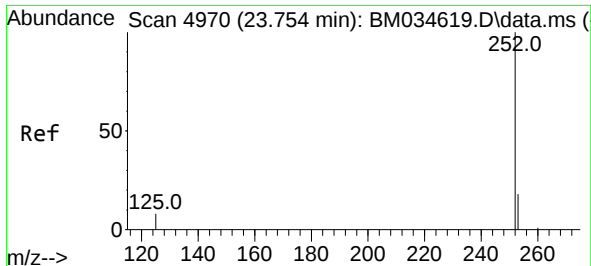


#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.177 min Scan# 4773
Delta R.T. 0.008 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53



Tgt Ion:252 Resp: 3736
Ion Ratio Lower Upper
252 100
253 44.0 26.8 40.2#
125 28.2 12.0 18.0#

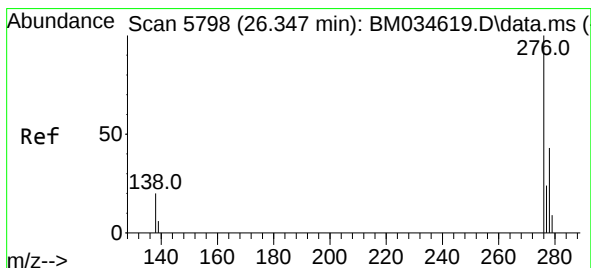
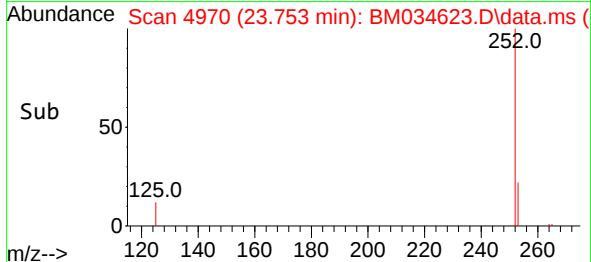
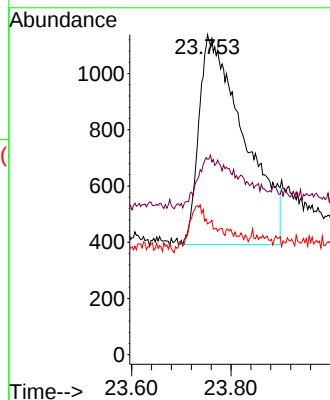
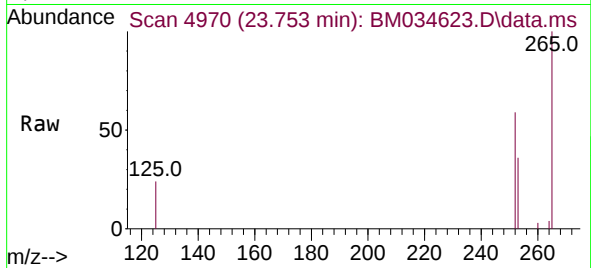




#26
Benzo(a)pyrene
Concen: 0.468 ng/ul
RT: 23.753 min Scan# 4970
Delta R.T. -0.001 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

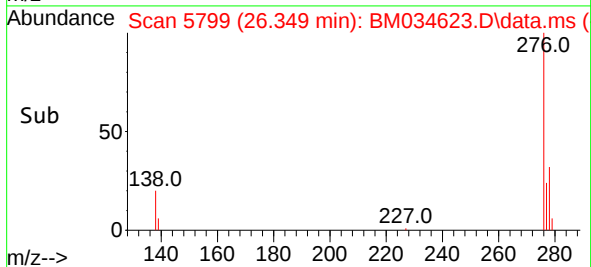
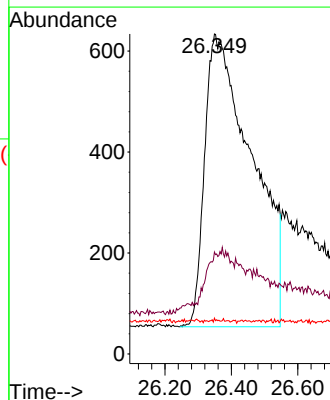
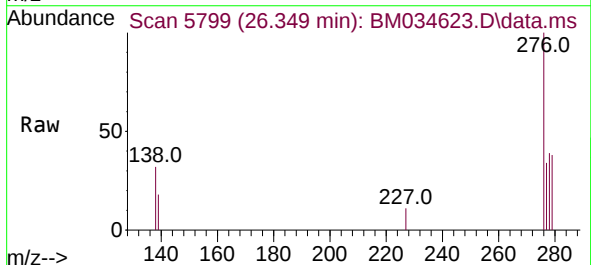
Instrument :
BNA_M
ClientSampleId :
SICV028

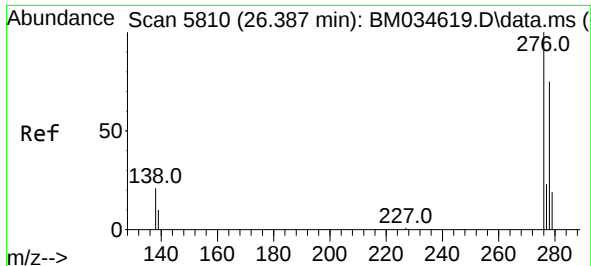
Tgt Ion:252 Resp: 4684
Ion Ratio Lower Upper
252 100
253 61.1 32.0 48.0#
125 40.9 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.349 min Scan# 5799
Delta R.T. 0.002 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion:276 Resp: 5722
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#

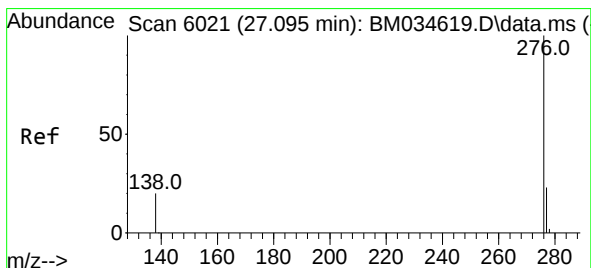
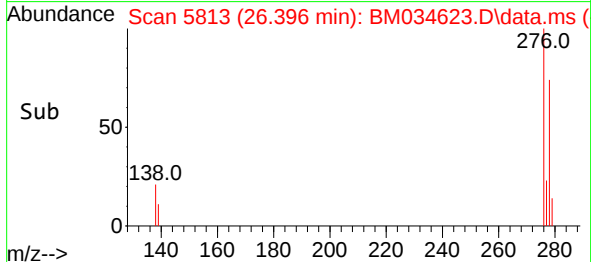
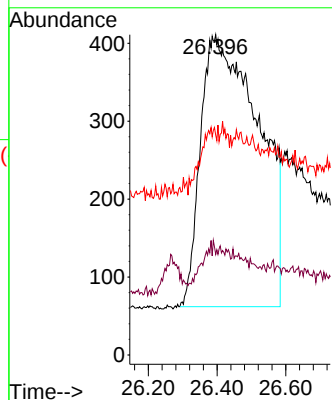
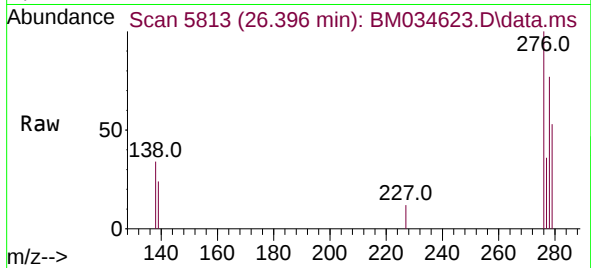




#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.396 min Scan# 5813
Delta R.T. 0.009 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:278 Resp: 4094
Ion Ratio Lower Upper
278 100
139 31.4 18.0 27.0#
279 68.6 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.097 min Scan# 6022
Delta R.T. 0.002 min
Lab File: BM034623.D
Acq: 12 Apr 2022 15:53

Tgt Ion:276 Resp: 6421
Ion Ratio Lower Upper
276 100
138 26.2 17.4 26.0#
277 29.8 22.6 33.8

