

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043011.D
 Acq On : 25 Nov 2023 12:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK192

Quant Time: Nov 27 02:43:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

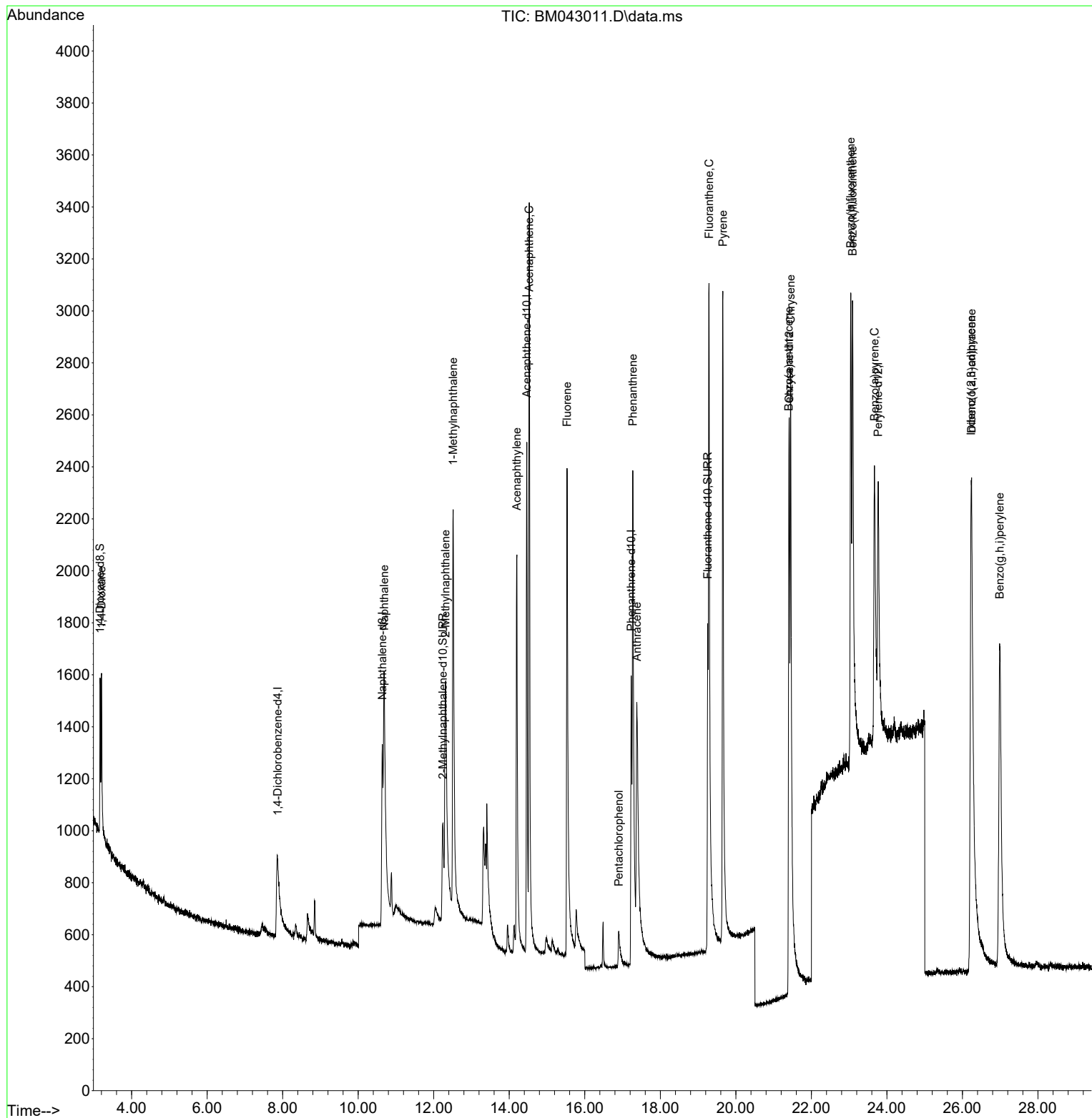
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	577	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.638	136	2181	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	1266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	2536	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	1492	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	1994	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	461	0.521	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152	1272	0.436	ng/ul	-0.01
18) Fluoranthene-d10	19.256	212	2322	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	485	0.510	ng/ul	97
5) Naphthalene	10.688	128	2565	0.433	ng/ul	95
7) 2-Methylnaphthalene	12.310	142	1536	0.439	ng/ul	99
8) 1-Methylnaphthalene	12.513	142	1651	0.423	ng/ul	99
10) Acenaphthylene	14.200	152	2728	0.422	ng/ul	98
11) Acenaphthene	14.528	153	2109	0.431	ng/ul	99
12) Fluorene	15.532	166	2186	0.435	ng/ul	99
14) Pentachlorophenol	16.899	266	184	0.268	ng/ul#	79
15) Phenanthrene	17.271	178	3028	0.418	ng/ul	99
16) Anthracene	17.381	178	2993	0.437	ng/ul	98
19) Fluoranthene	19.289	202	3610	0.427	ng/ul	99
20) Pyrene	19.656	202	3782	0.420	ng/ul	98
21) Benzo(a)anthracene	21.403	228	2179	0.450	ng/ul	98
22) Chrysene	21.450	228	3778	0.419	ng/ul	97
24) Benzo(b)fluoranthene	23.043	252	2972	0.442	ng/ul	98
25) Benzo(k)fluoranthene	23.089	252	4072	0.439	ng/ul	97
26) Benzo(a)pyrene	23.671	252	3151	0.429	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.232	276	4496	0.452	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.242	278	3509	0.456	ng/ul	95
29) Benzo(g,h,i)perylene	26.987	276	4249	0.439	ng/ul	97

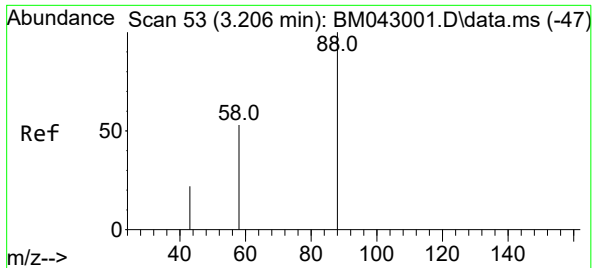
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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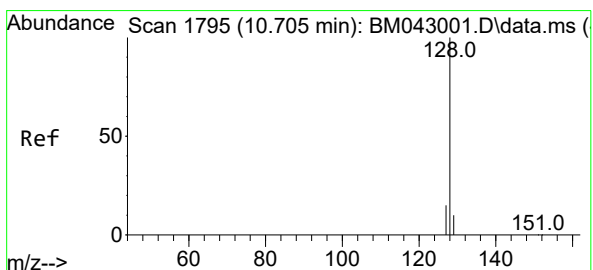
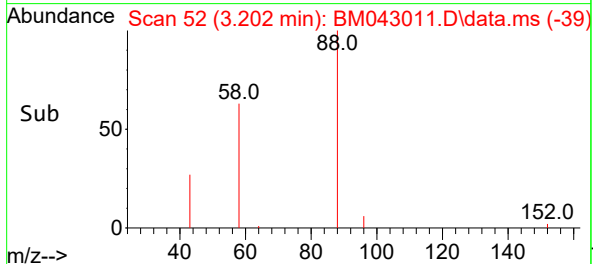
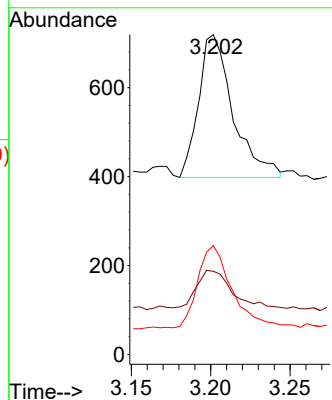
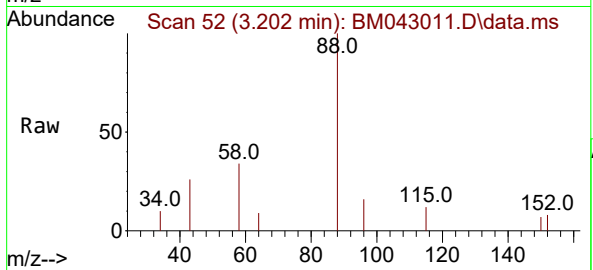




#2
 1,4-Dioxane
 Concen: 0.510 ng/ul
 RT: 3.202 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM043011.D
 Acq: 25 Nov 2023 12:02

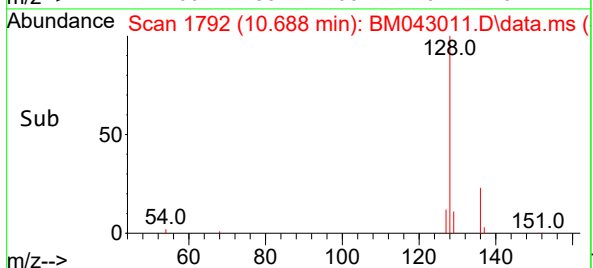
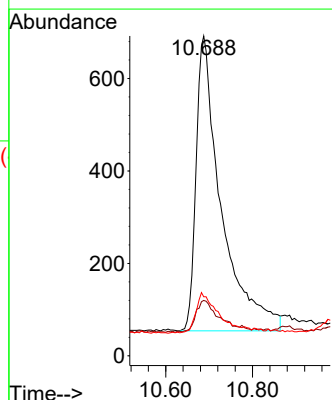
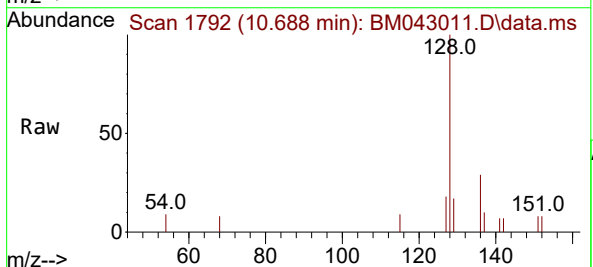
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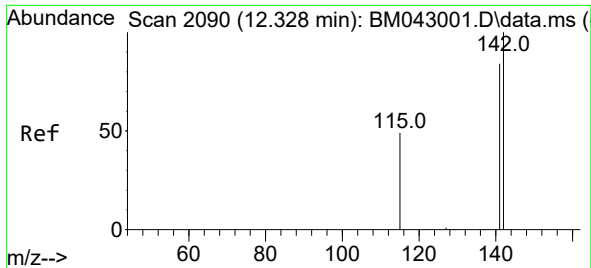
Tgt Ion: 88 Resp: 485
 Ion Ratio Lower Upper
 88 100
 43 26.0 22.8 34.2
 58 34.1 26.8 40.2



#5
 Naphthalene
 Concen: 0.433 ng/ul
 RT: 10.688 min Scan# 1792
 Delta R.T. -0.011 min
 Lab File: BM043011.D
 Acq: 25 Nov 2023 12:02

Tgt Ion: 128 Resp: 2565
 Ion Ratio Lower Upper
 128 100
 129 17.3 16.0 24.0
 127 18.5 16.5 24.7

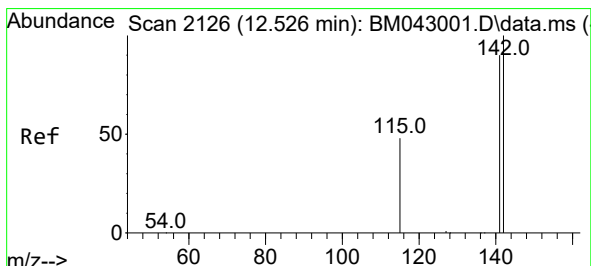
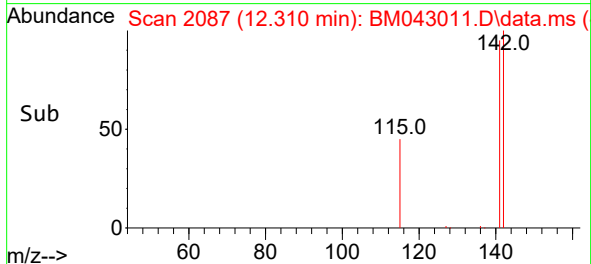
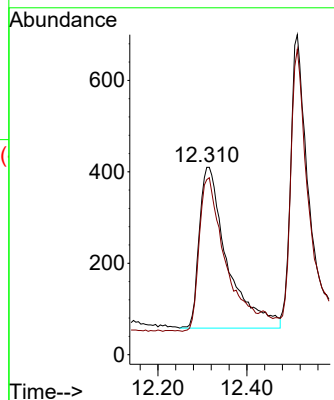
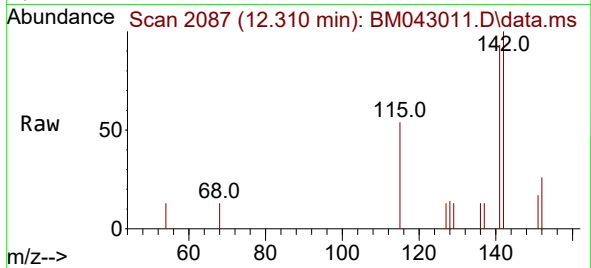




#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.310 min Scan# 2090
Delta R.T. -0.022 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

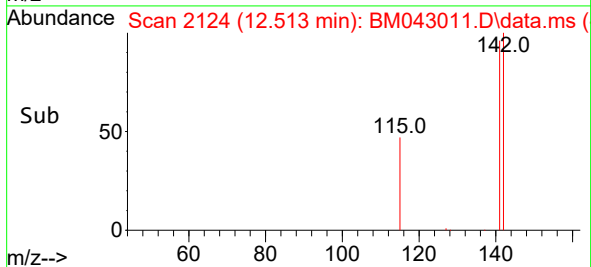
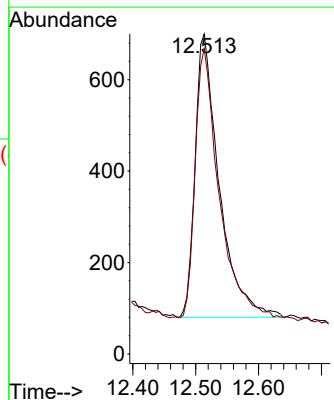
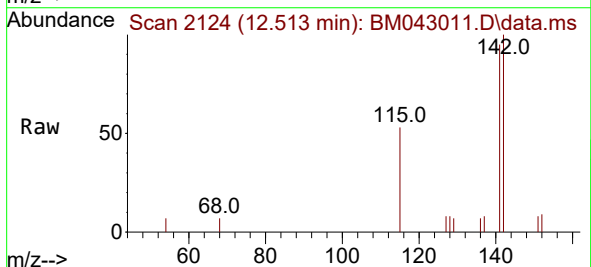
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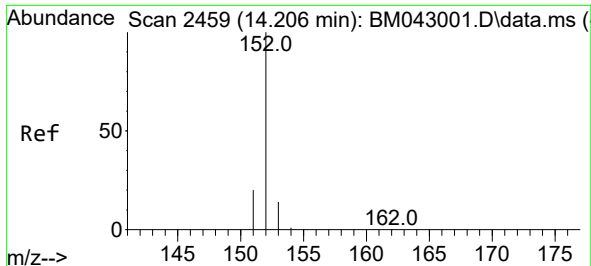
Tgt Ion:142 Resp: 1536
Ion Ratio Lower Upper
142 100
141 96.2 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.513 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:142 Resp: 1651
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.8

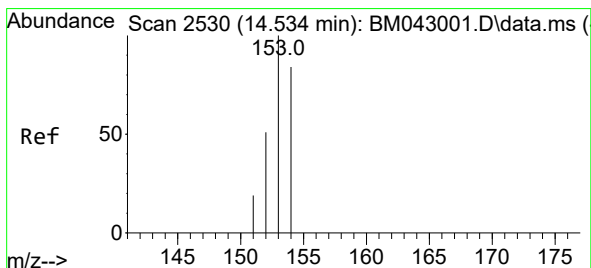
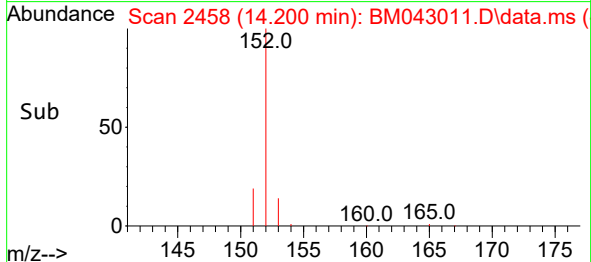
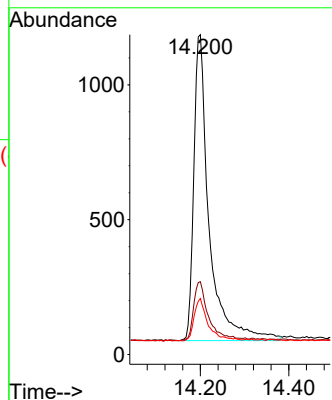
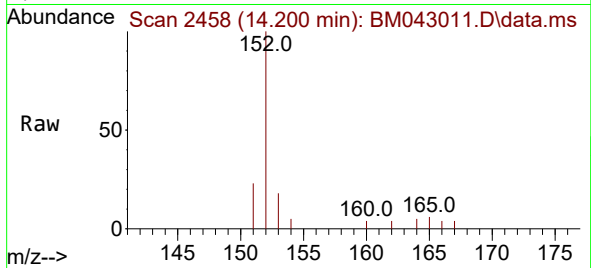




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.200 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

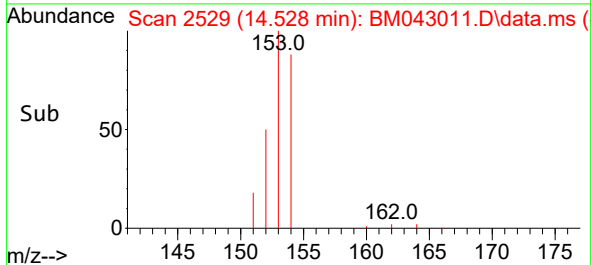
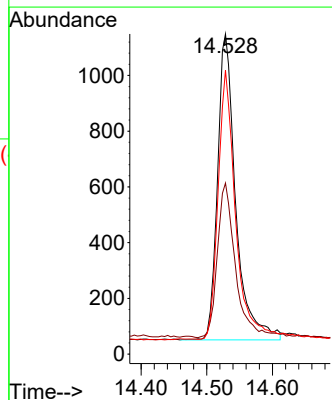
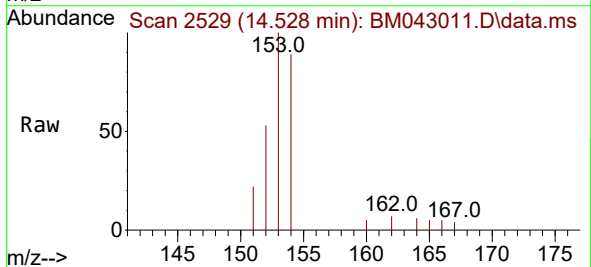
Instrument :
BNA_M
ClientSampleId :
SBLK192

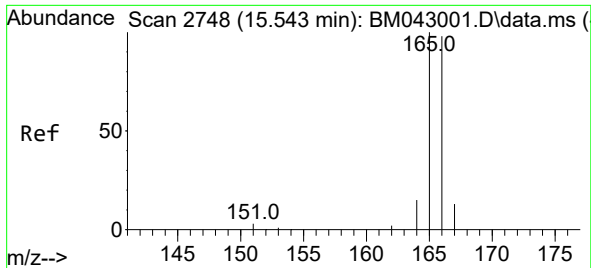
Tgt Ion:152 Resp: 2728
Ion Ratio Lower Upper
152 100
151 22.8 19.4 29.0
153 17.5 14.6 21.8



#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.528 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:153 Resp: 2109
Ion Ratio Lower Upper
153 100
152 53.4 43.9 65.9
154 88.7 70.6 105.8

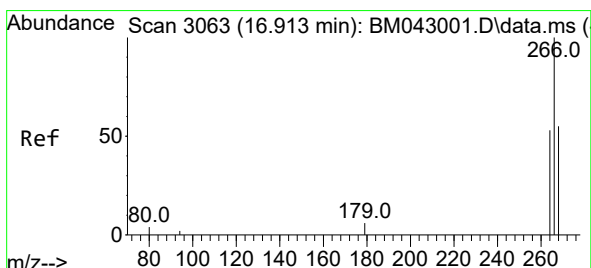
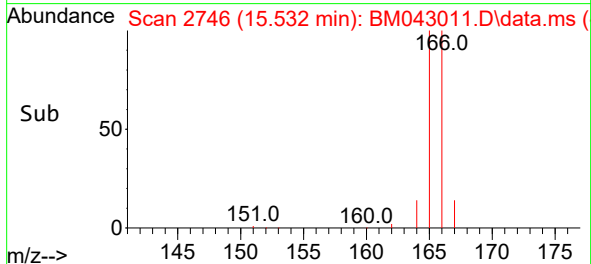
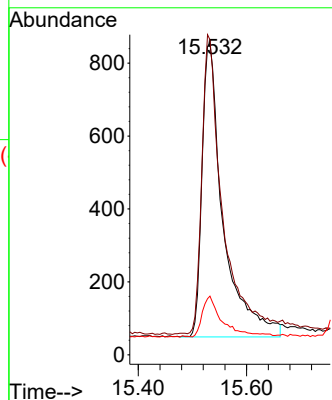
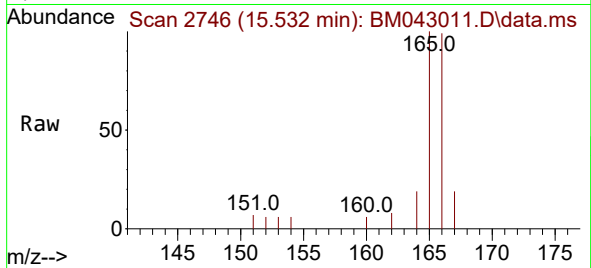




#12
Fluorene
Concen: 0.435 ng/ul
RT: 15.532 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

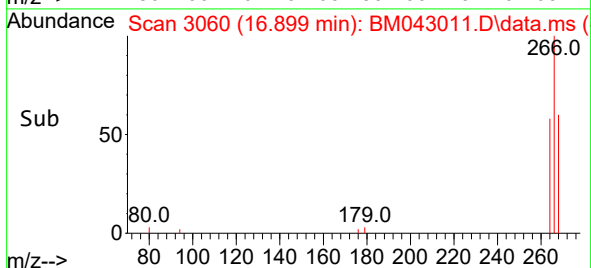
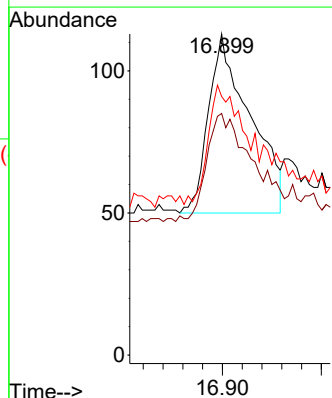
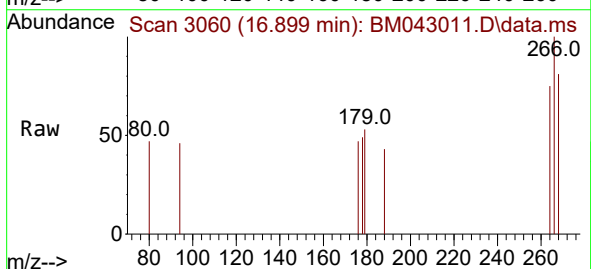
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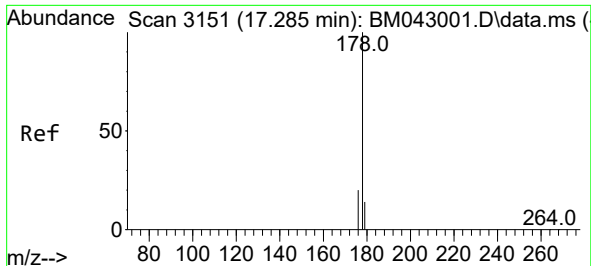
Tgt Ion:	166	Resp:	2186
Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.9	119.9
167	18.9	14.2	21.4



#14
Pentachlorophenol
Concen: 0.268 ng/ul
RT: 16.899 min Scan# 3060
Delta R.T. -0.013 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:	266	Resp:	184
Ion	Ratio	Lower	Upper
266	100		
264	72.8	48.8	73.2
268	85.9	51.8	77.6#

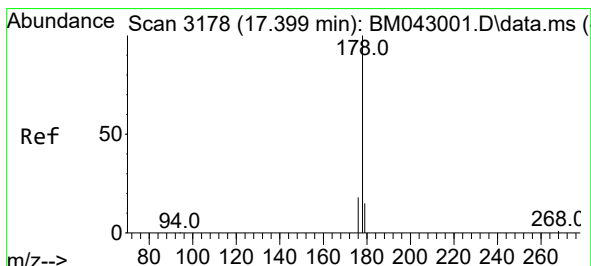
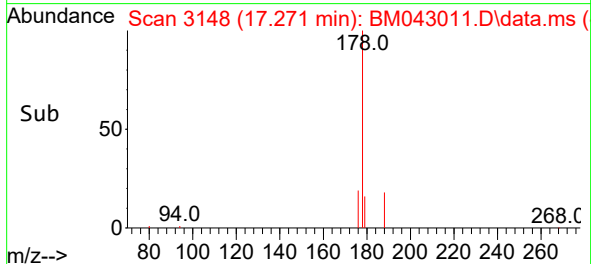
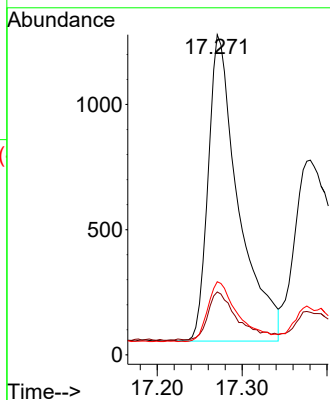
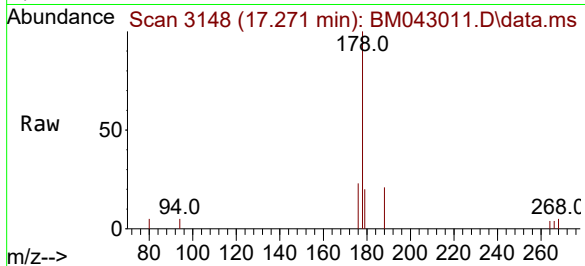




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.271 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

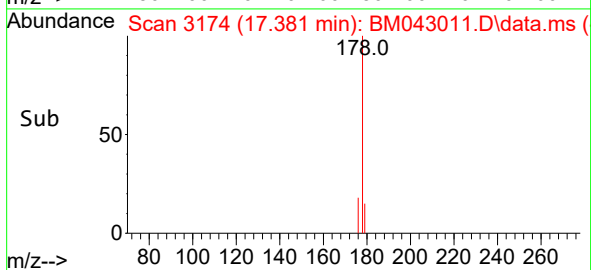
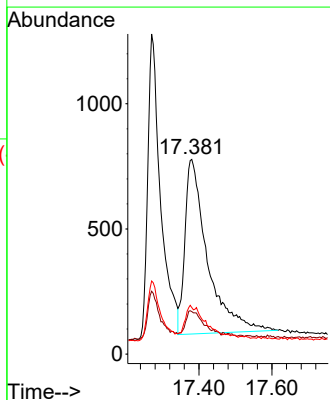
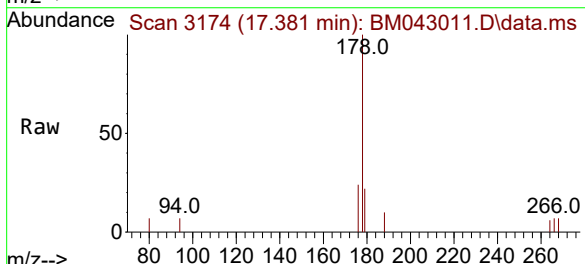
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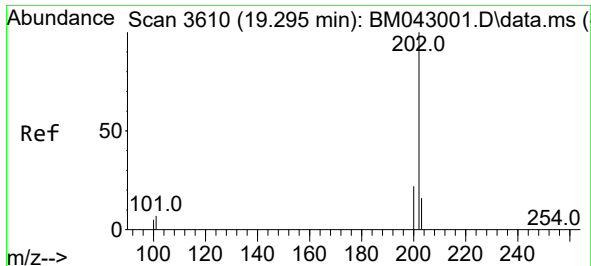
Tgt Ion:178 Resp: 3028
Ion Ratio Lower Upper
178 100
179 19.6 15.7 23.5
176 22.8 18.9 28.3



#16
Anthracene
Concen: 0.437 ng/ul
RT: 17.381 min Scan# 3174
Delta R.T. -0.013 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:178 Resp: 2993
Ion Ratio Lower Upper
178 100
179 21.9 17.3 25.9
176 23.9 20.5 30.7

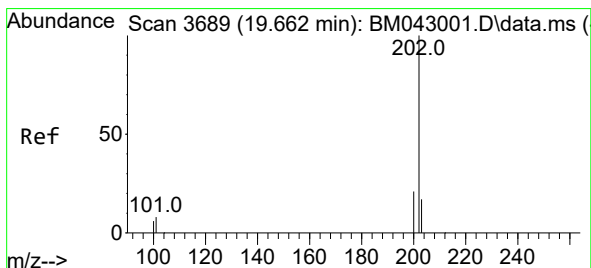
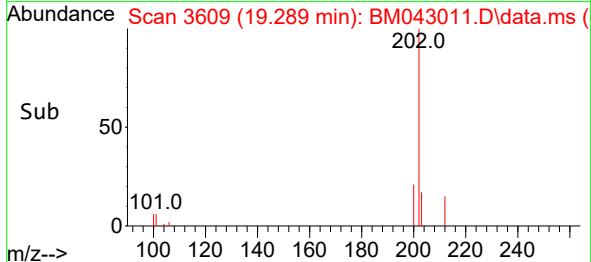
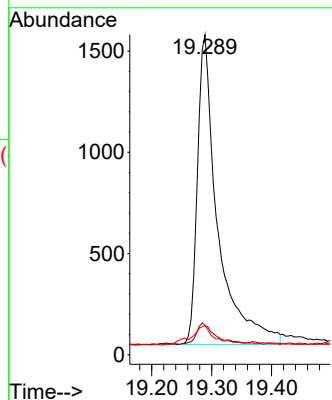
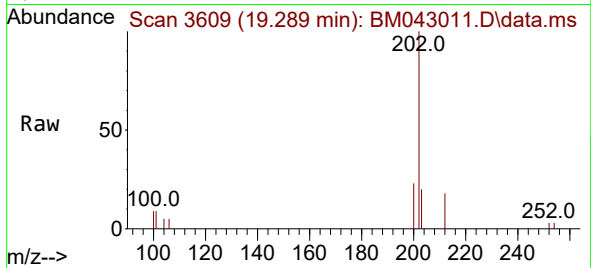




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

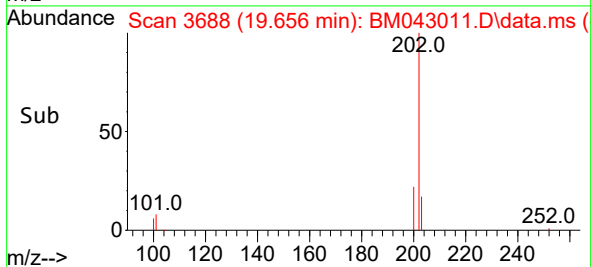
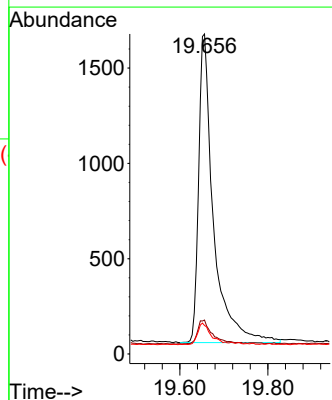
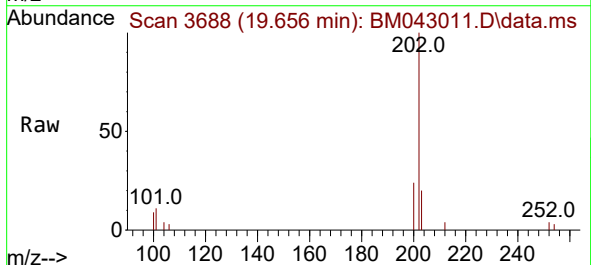
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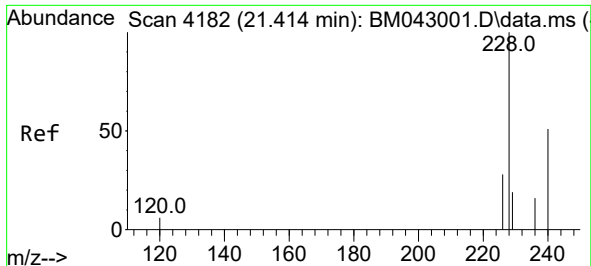
Tgt Ion:202 Resp: 3610
Ion Ratio Lower Upper
202 100
101 9.1 7.8 11.8
100 9.1 7.1 10.7



#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.005 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:202 Resp: 3782
Ion Ratio Lower Upper
202 100
101 10.6 8.7 13.1
100 8.9 7.8 11.8

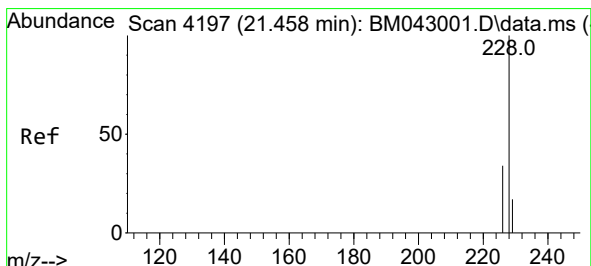
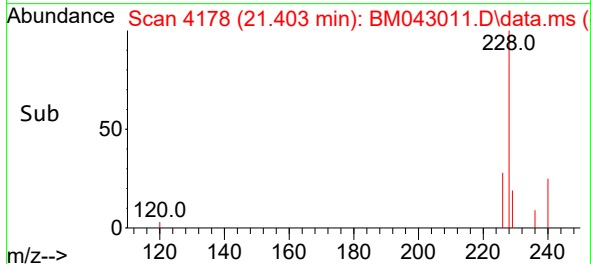
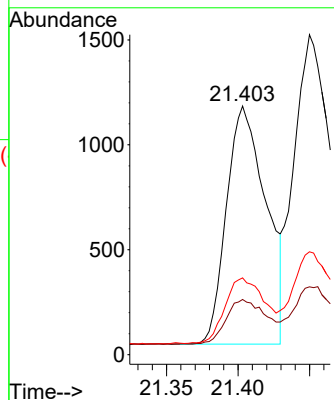
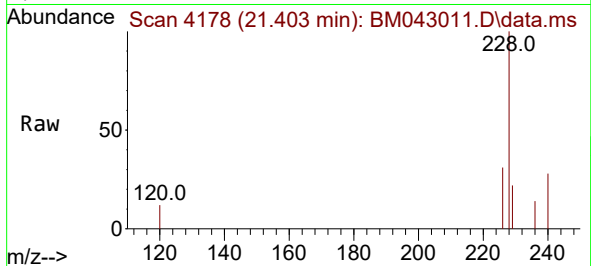




#21
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 21.403 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

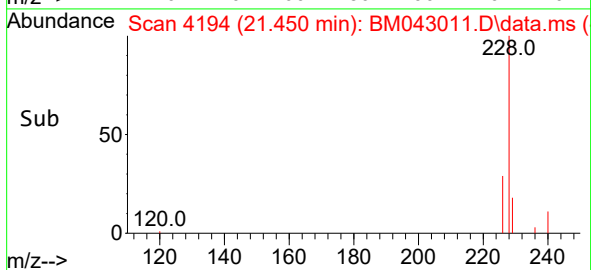
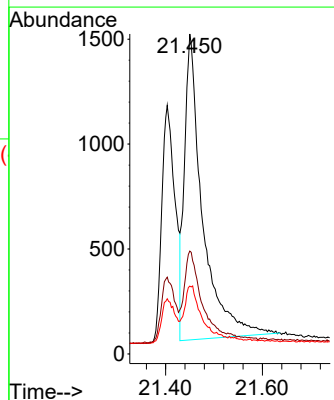
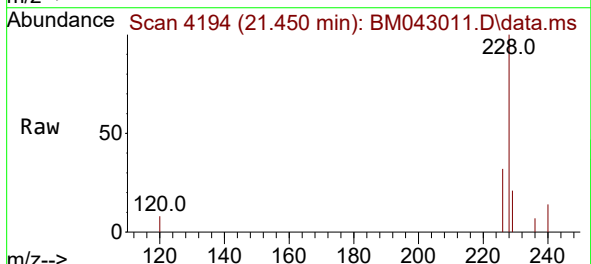
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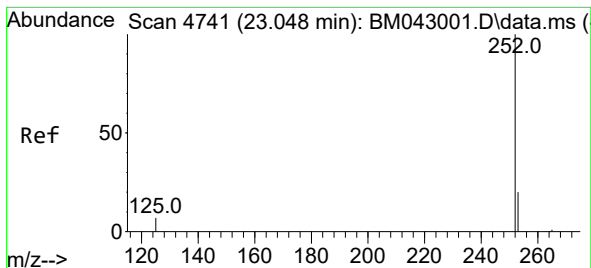
Tgt Ion:228 Resp: 2179
Ion Ratio Lower Upper
228 100
229 22.2 19.4 29.0
226 30.9 24.9 37.3



#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:228 Resp: 3778
Ion Ratio Lower Upper
228 100
226 32.1 27.2 40.8
229 21.2 18.0 27.0





#24

Benzo(b)fluoranthene

Concen: 0.442 ng/ul

RT: 23.043 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM043011.D

Acq: 25 Nov 2023 12:02

Instrument :

BNA_M

ClientSampleId :

SBLK192

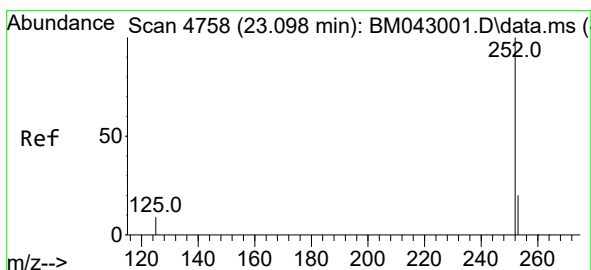
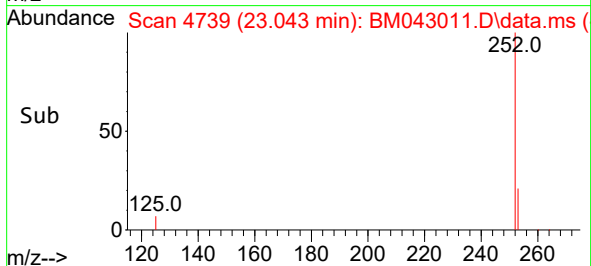
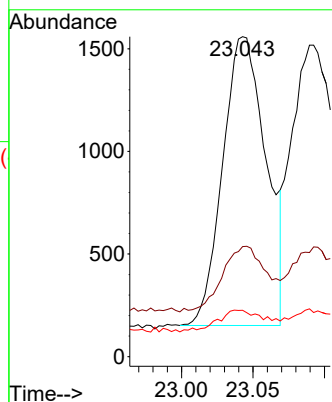
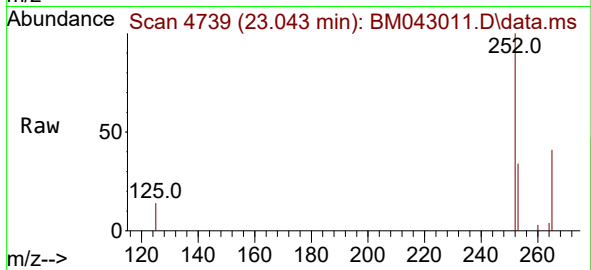
Tgt Ion:252 Resp: 2972

Ion Ratio Lower Upper

252 100

253 34.4 0.0 71.8

125 14.5 0.0 29.0



#25

Benzo(k)fluoranthene

Concen: 0.439 ng/ul

RT: 23.089 min Scan# 4755

Delta R.T. -0.009 min

Lab File: BM043011.D

Acq: 25 Nov 2023 12:02

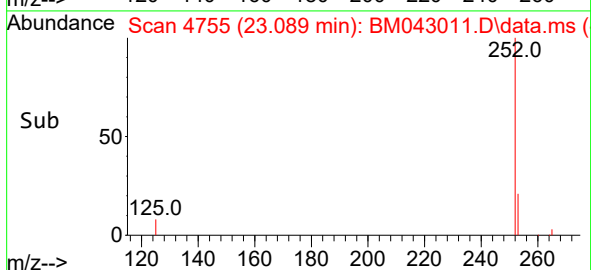
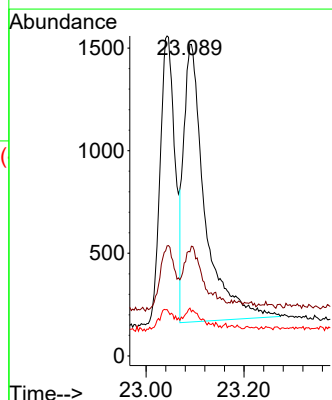
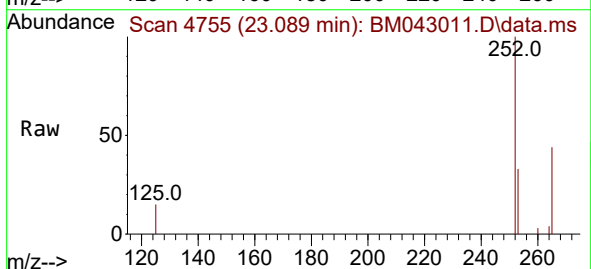
Tgt Ion:252 Resp: 4072

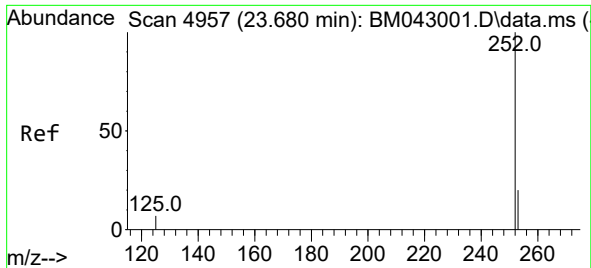
Ion Ratio Lower Upper

252 100

253 33.4 28.2 42.2

125 15.3 11.0 16.6

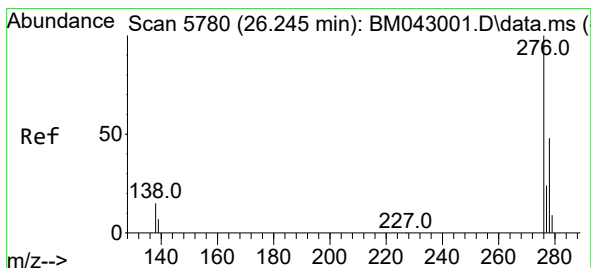
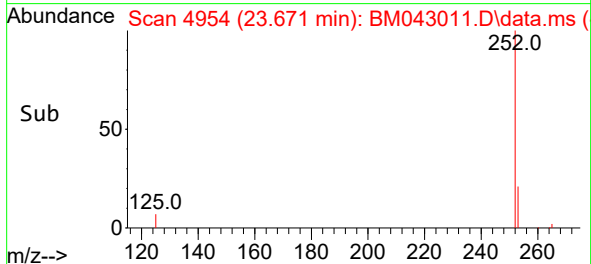
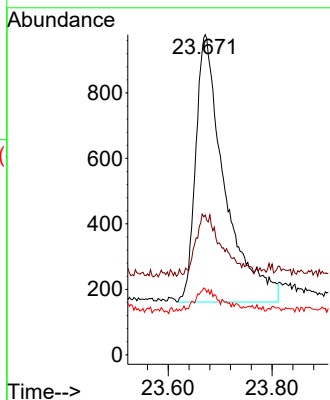
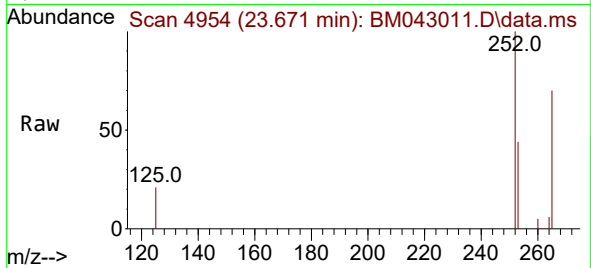




#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.671 min Scan# 4954
Delta R.T. -0.015 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

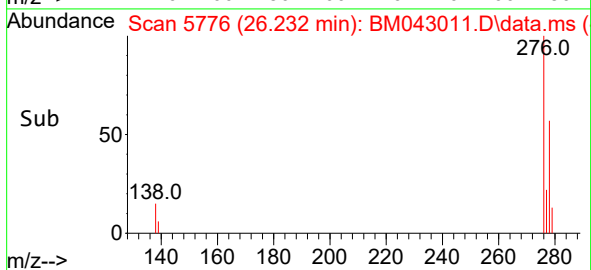
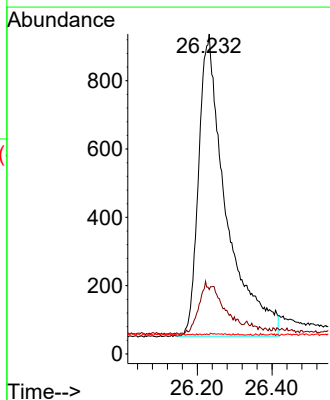
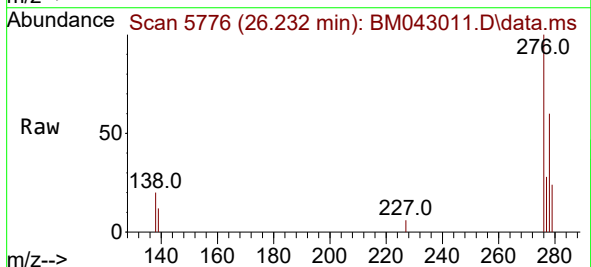
Instrument :
BNA_M
ClientSampleId :
SBLK192

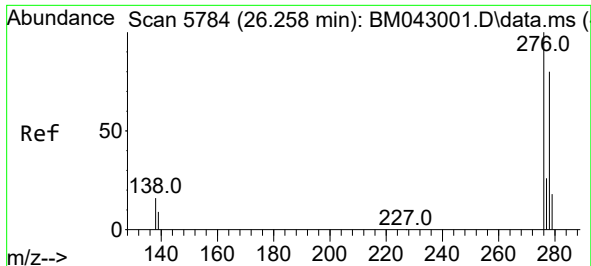
Tgt Ion:	252	Resp:	3151
Ion Ratio	Lower	Upper	
252	100		
253	43.7	36.6	55.0
125	20.6	16.2	24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng/ul
RT: 26.232 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:	276	Resp:	4496
Ion Ratio	Lower	Upper	
276	100		
138	0.0	0.0	0.0
227	0.3	0.2	0.2

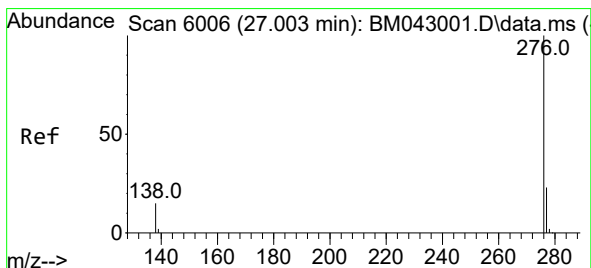
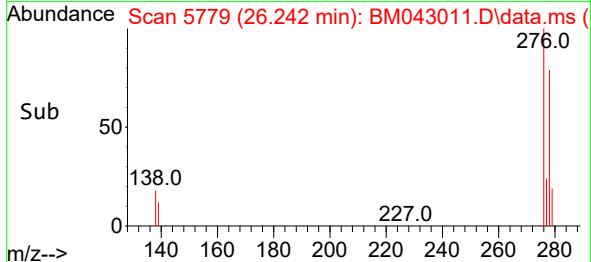
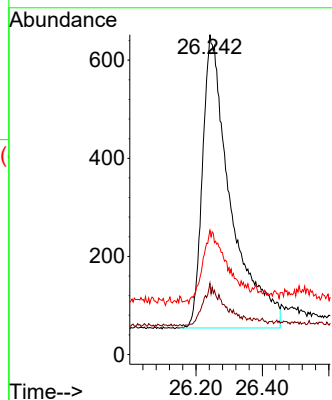
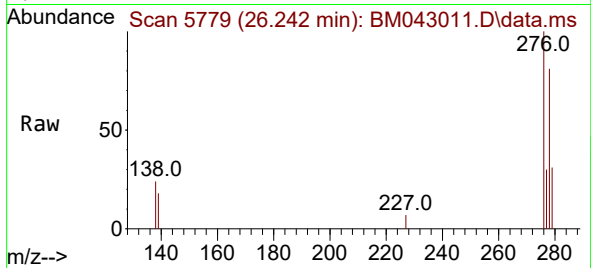




#28
Dibenzo(a,h)anthracene
Concen: 0.456 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Instrument :
BNA_M
ClientSampleId :
SBLK192

Tgt Ion:278 Resp: 3509
Ion Ratio Lower Upper
278 100
139 22.2 18.1 27.1
279 38.8 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 26.987 min Scan# 6001
Delta R.T. -0.023 min
Lab File: BM043011.D
Acq: 25 Nov 2023 12:02

Tgt Ion:276 Resp: 4249
Ion Ratio Lower Upper
276 100
138 19.9 17.8 26.8
277 29.3 23.8 35.8

