

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044255.D
 Acq On : 23 Feb 2024 00:50
 Operator : MA/JU
 Sample : P1493-21MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3W7MS

Quant Time: Feb 23 01:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

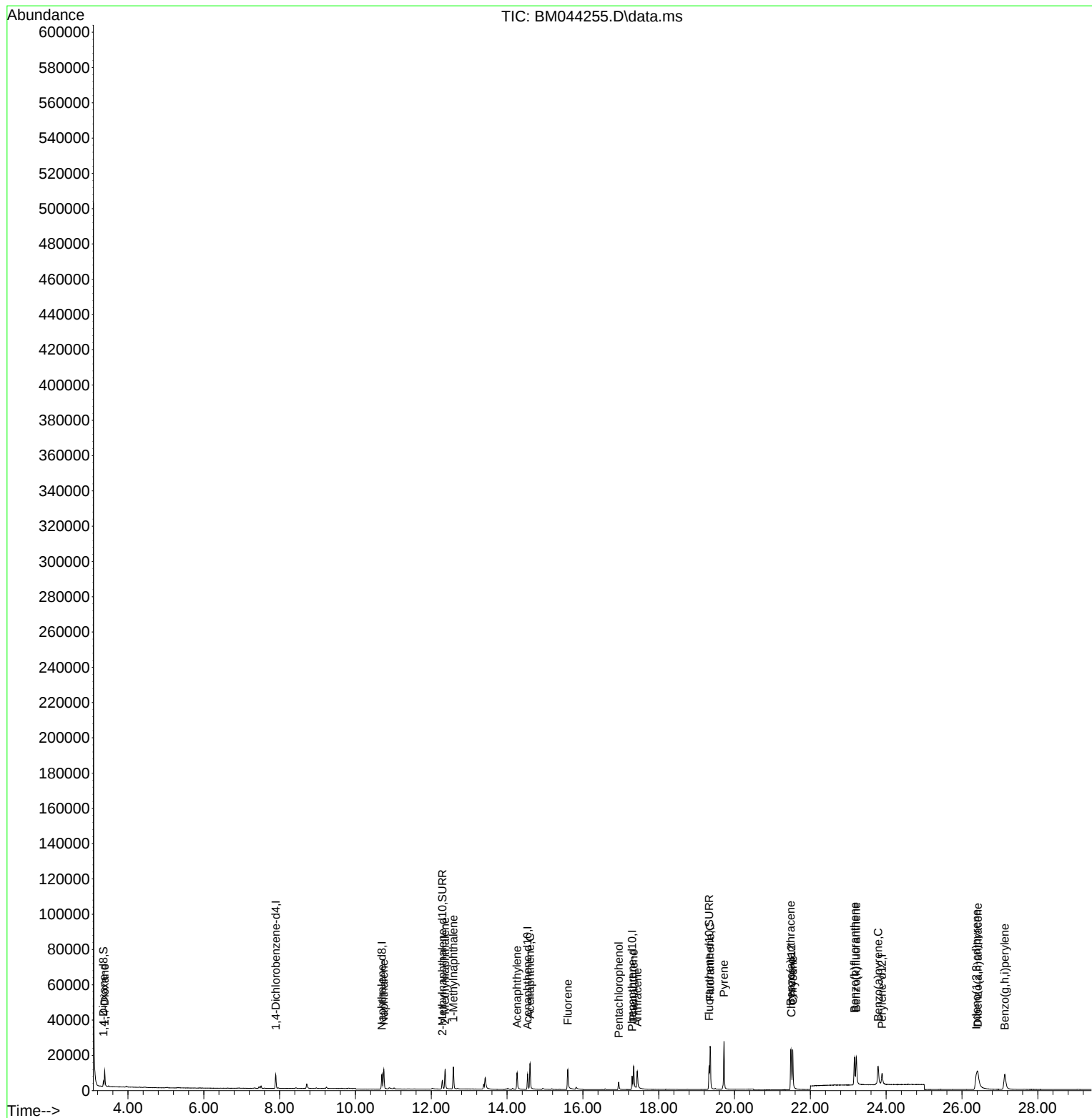
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4073	0.400	ng/ul	0.00
4) Naphthalene-d8	10.698	136	11936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	5219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	10985	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	9467	0.400	ng/ul	0.00
23) Perylene-d12	23.889	264	10305	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1894	0.328	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.293	152	7256	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	15710	0.556	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	5778	1.002	ng/ul#	82
5) Naphthalene	10.747	128	16171	0.456	ng/ul	99
7) 2-Methylnaphthalene	12.364	142	9304	0.425	ng/ul	99
8) 1-Methylnaphthalene	12.584	142	9580	0.433	ng/ul	100
10) Acenaphthylene	14.264	152	13472	0.470	ng/ul	99
11) Acenaphthene	14.606	153	9624	0.463	ng/ul	100
12) Fluorene	15.601	166	10123	0.432	ng/ul	99
14) Pentachlorophenol	16.945	266	3598	0.915	ng/ul	98
15) Phenanthrene	17.337	178	17143	0.492	ng/ul	100
16) Anthracene	17.434	178	17506	0.508	ng/ul	99
19) Fluoranthene	19.357	202	22785	0.528	ng/ul	96
20) Pyrene	19.720	202	24222	0.534	ng/ul	95
21) Benzo(a)anthracene	21.484	228	20472	0.472	ng/ul	100
22) Chrysene	21.536	228	24676	0.528	ng/ul	100
24) Benzo(b)fluoranthene	23.164	252	22180	0.522	ng/ul	97
25) Benzo(k)fluoranthene	23.211	252	25667	0.556	ng/ul	98
26) Benzo(a)pyrene	23.787	252	20452	0.517	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.378	276	25063	0.498	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.415	278	19617	0.495	ng/ul	99
29) Benzo(g,h,i)perylene	27.129	276	22399	0.503	ng/ul	98

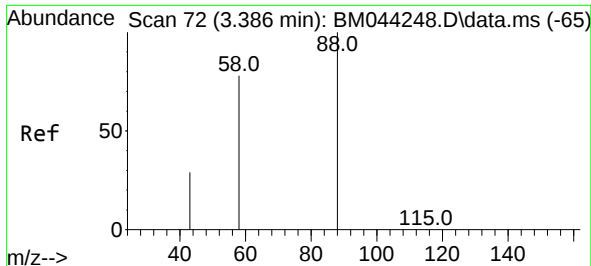
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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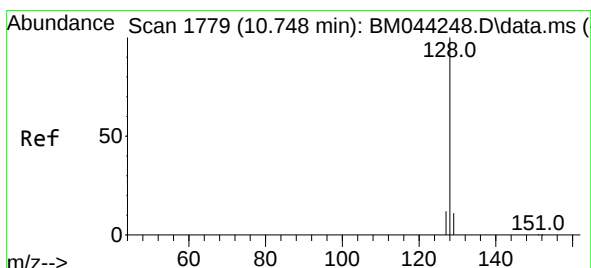
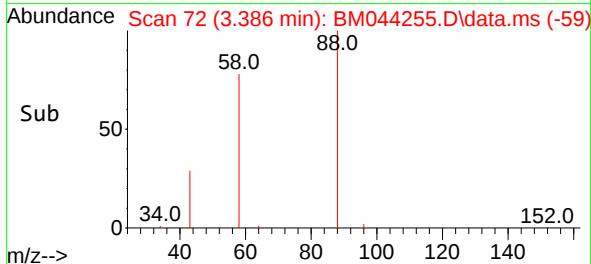
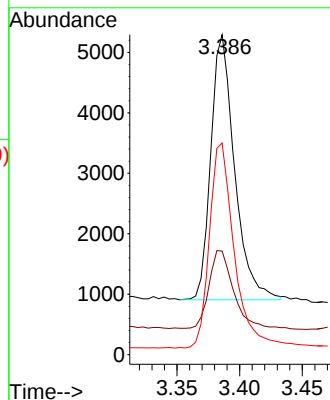
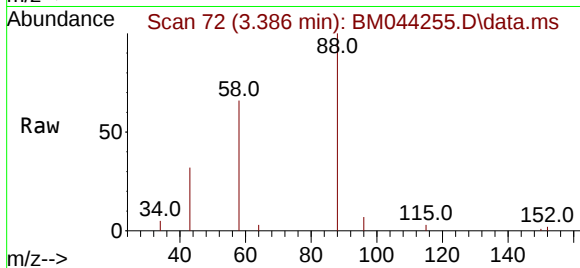




#2
1,4-Dioxane
Concen: 1.002 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

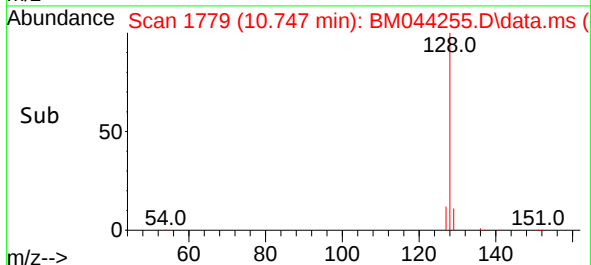
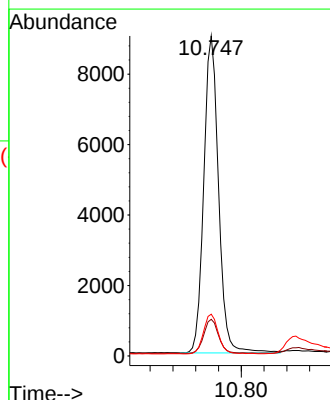
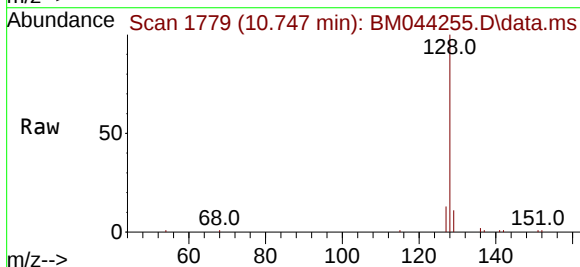
Instrument :
BNA_M
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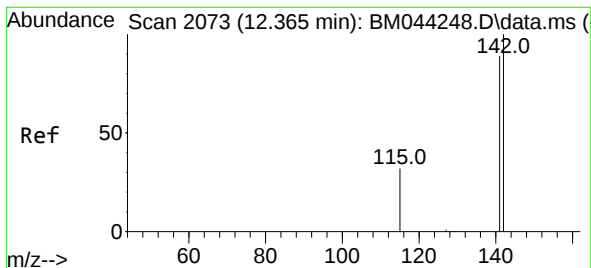
Tgt Ion: 88 Resp: 5778
Ion Ratio Lower Upper
88 100
43 32.4 32.2 48.2
58 66.1 40.6 60.8#



#5
Naphthalene
Concen: 0.456 ng/ul
RT: 10.747 min Scan# 1779
Delta R.T. -0.007 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion: 128 Resp: 16171
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.1 10.7 16.1

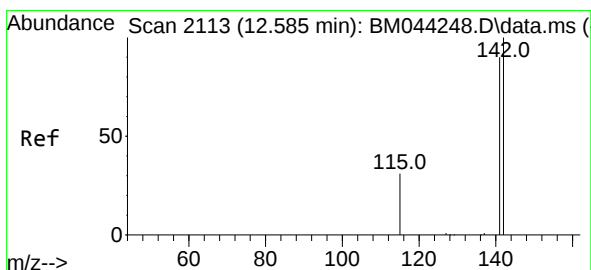
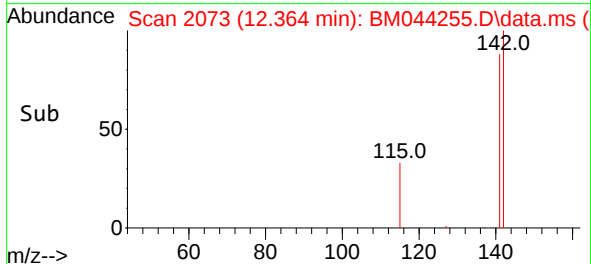
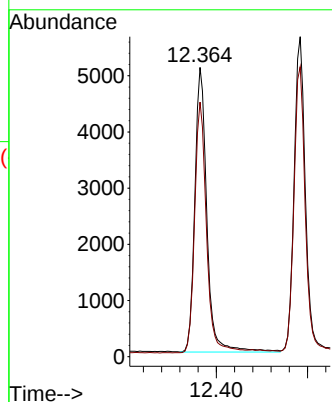
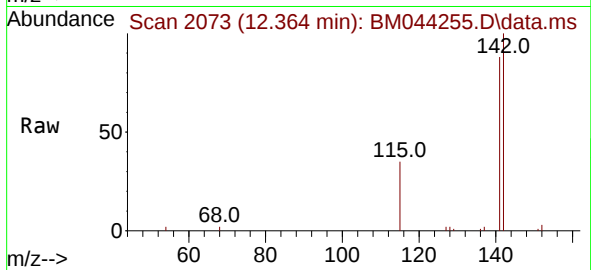




#7
2-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.364 min Scan# 2073
Delta R.T. -0.007 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

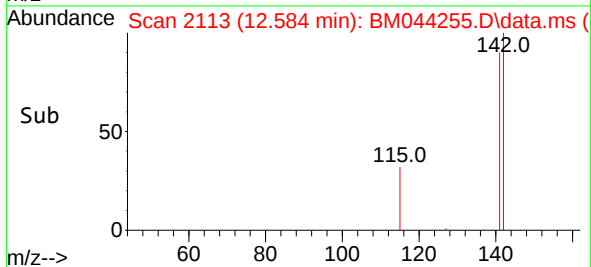
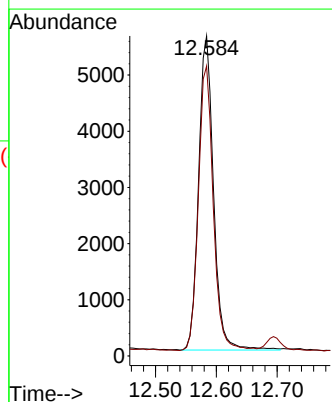
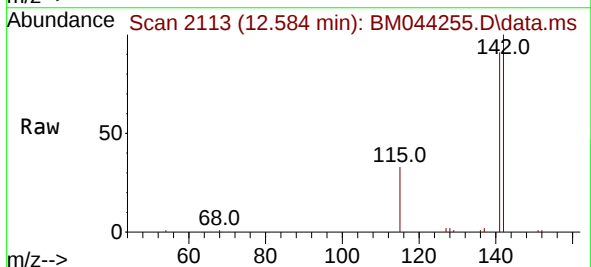
Instrument :
BNA_M
ClientSampleId :
BH3W7MS

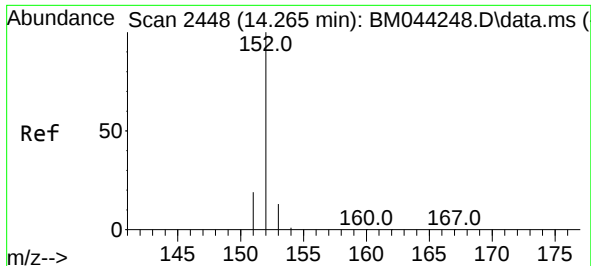
Tgt Ion:142 Resp: 9304
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.584 min Scan# 2113
Delta R.T. -0.007 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion:142 Resp: 9580
Ion Ratio Lower Upper
142 100
141 90.3 72.5 108.7

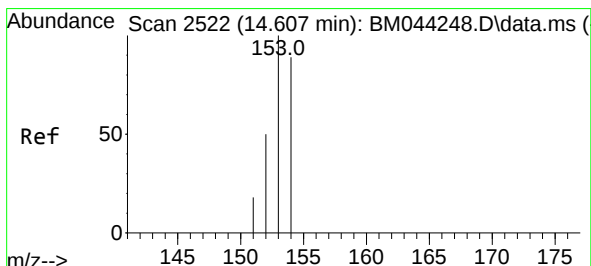
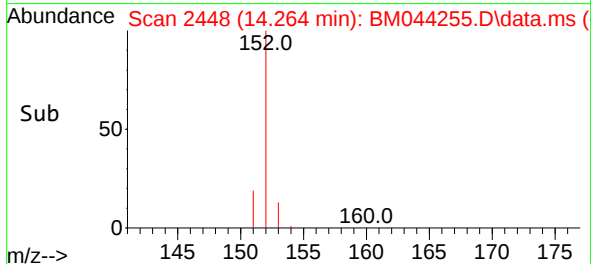
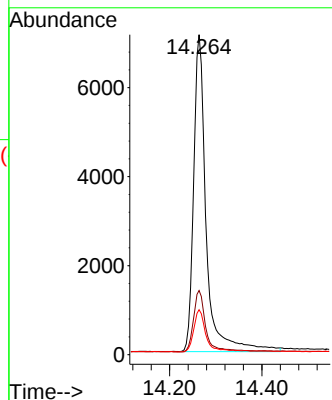
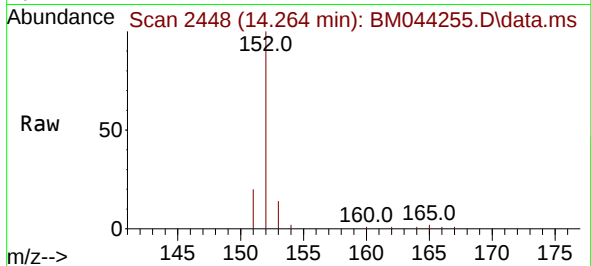




#10
Acenaphthylene
Concen: 0.470 ng/ul
RT: 14.264 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

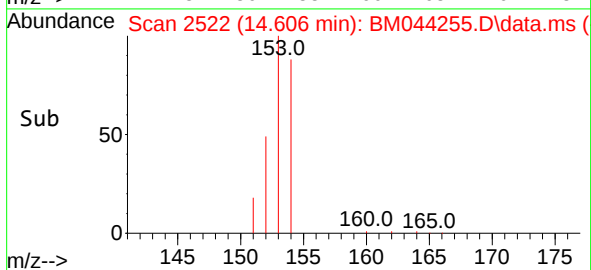
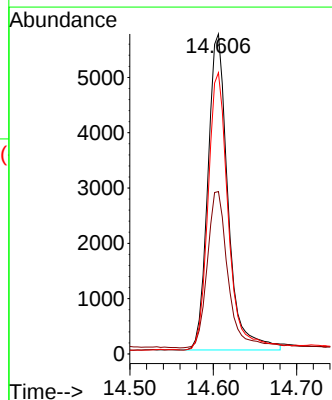
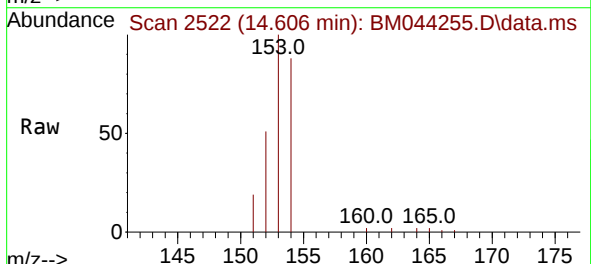
Instrument :
BNA_M
ClientSampleId :
BH3W7MS

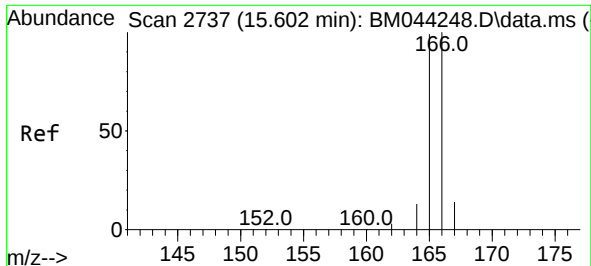
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	14.0	10.8	16.2



#11
Acenaphthene
Concen: 0.463 ng/ul
RT: 14.606 min Scan# 2522
Delta R.T. -0.001 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.6	61.0
154	87.9	70.1	105.1

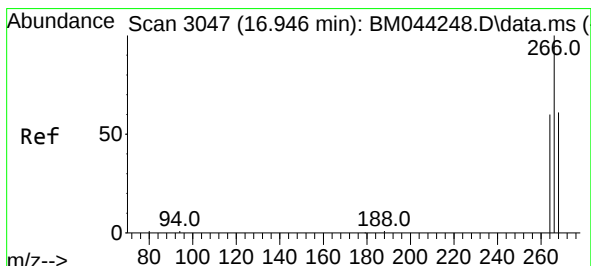
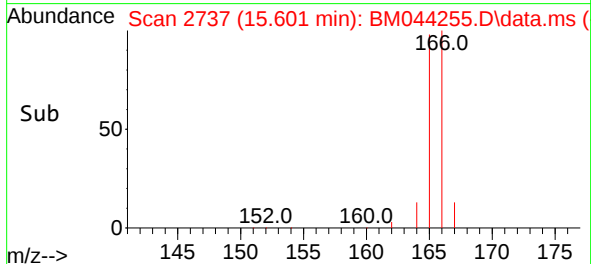
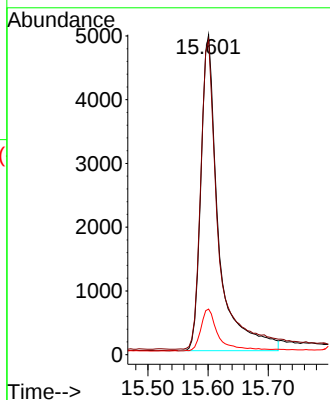
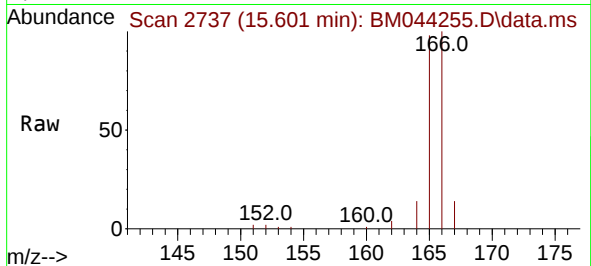




#12
 Fluorene
 Concen: 0.432 ng/ul
 RT: 15.601 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BM044255.D
 Acq: 23 Feb 2024 00:50

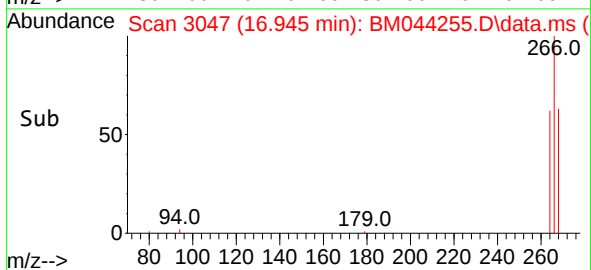
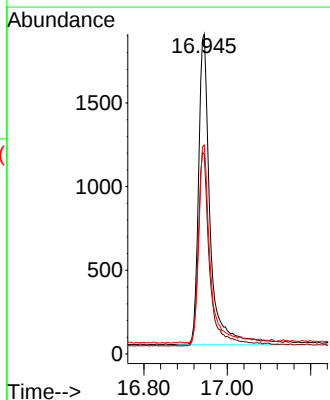
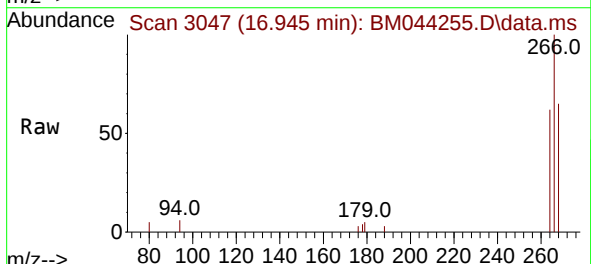
Instrument :
 BNA_M
 ClientSampleId :
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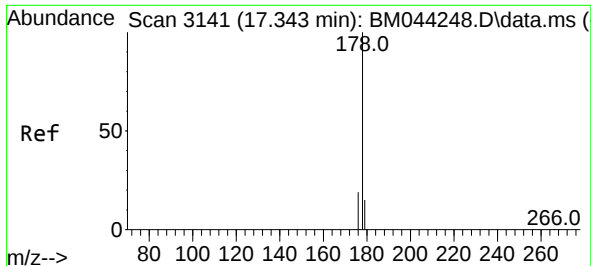
Tgt Ion:166	Resp:	10123
Ion Ratio	Lower	Upper
166	100	
165	98.5	79.8 119.6
167	14.2	11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.915 ng/ul
 RT: 16.945 min Scan# 3047
 Delta R.T. -0.001 min
 Lab File: BM044255.D
 Acq: 23 Feb 2024 00:50

Tgt Ion:266	Resp:	3598
Ion Ratio	Lower	Upper
266	100	
264	62.3	49.4 74.0
268	62.1	52.1 78.1

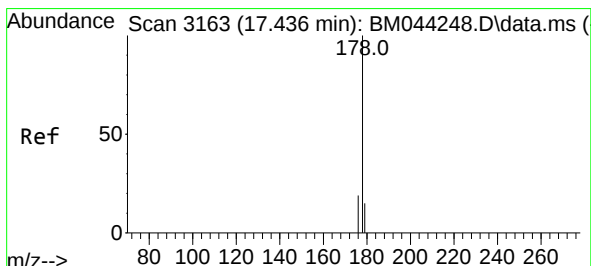
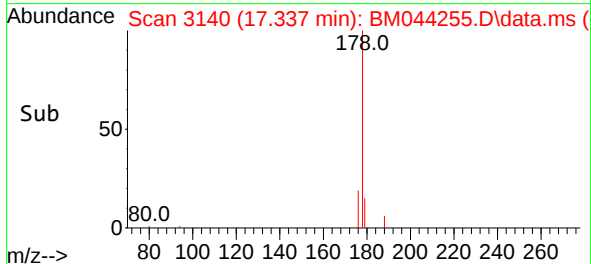
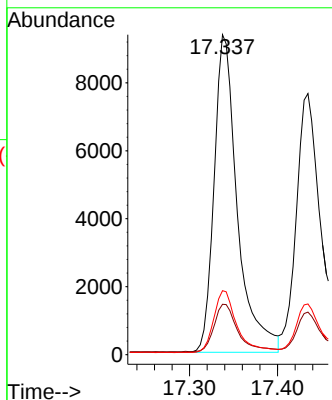
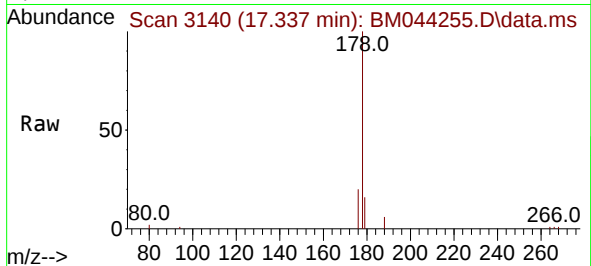




#15
Phenanthrene
Concen: 0.492 ng/u1
RT: 17.337 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

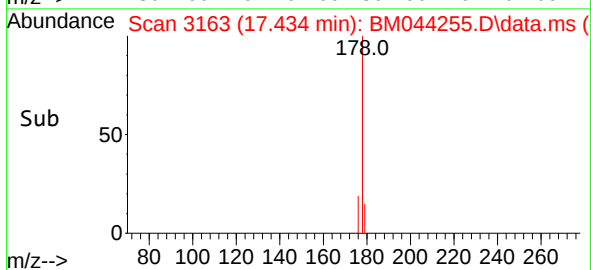
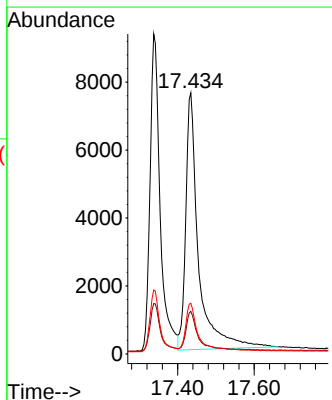
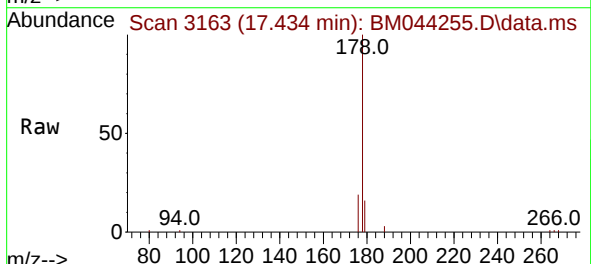
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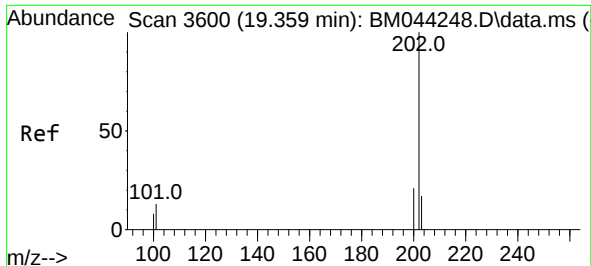
Tgt Ion:178 Resp: 17143
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.508 ng/u1
RT: 17.434 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion:178 Resp: 17506
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.4 15.3 22.9

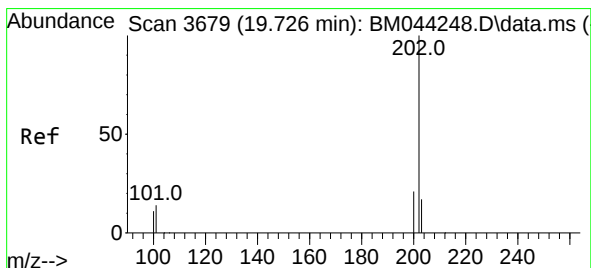
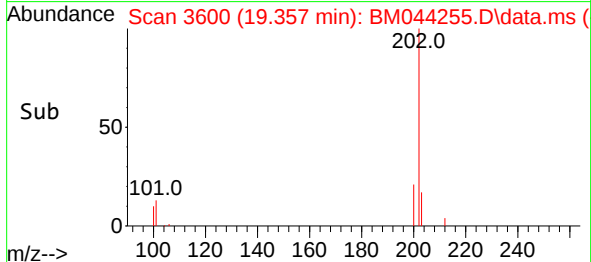
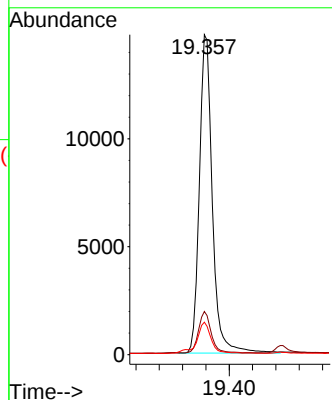
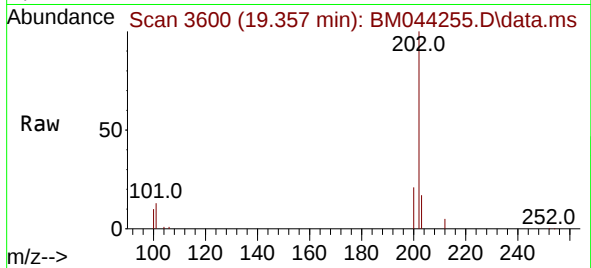




#19
Fluoranthene
Concen: 0.528 ng/ul
RT: 19.357 min Scan# 3600
Delta R.T. -0.006 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

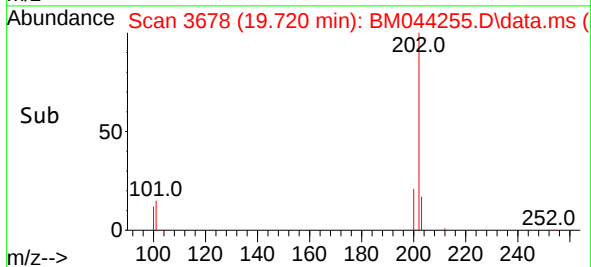
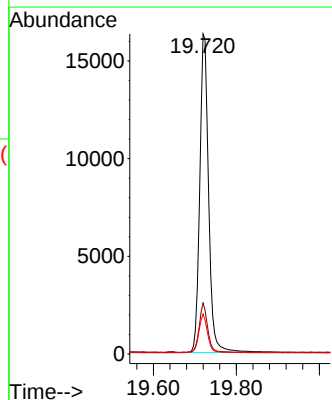
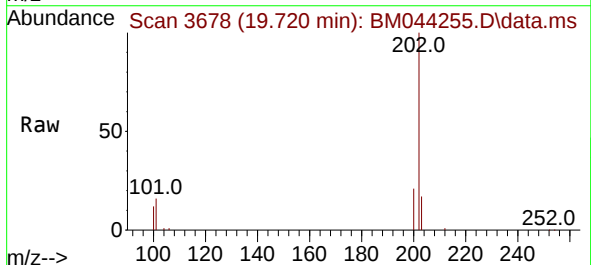
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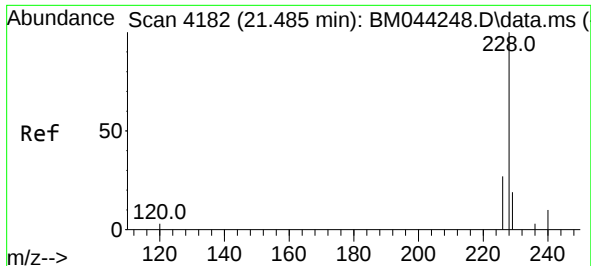
Tgt Ion:202 Resp: 22785
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 10.2 7.0 10.4



#20
Pyrene
Concen: 0.534 ng/ul
RT: 19.720 min Scan# 3678
Delta R.T. -0.006 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion:202 Resp: 24222
Ion Ratio Lower Upper
202 100
101 15.9 11.2 16.8
100 12.5 8.6 13.0

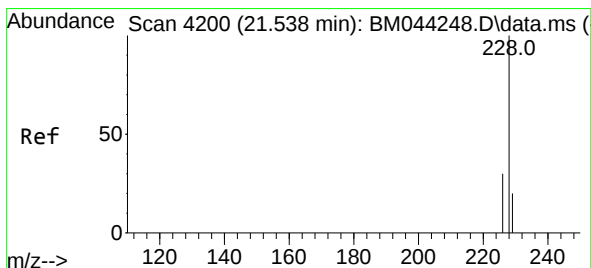
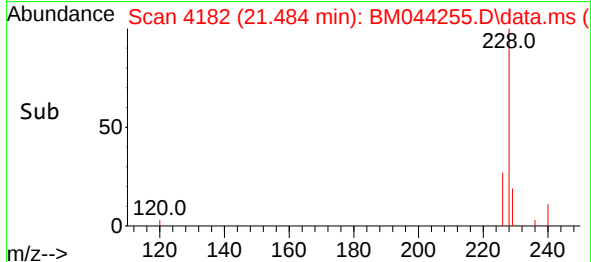
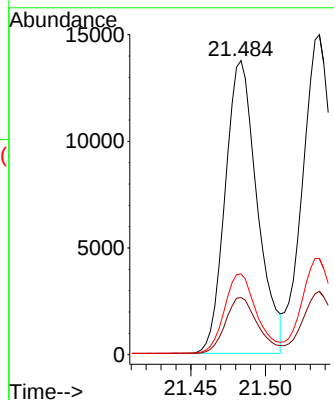
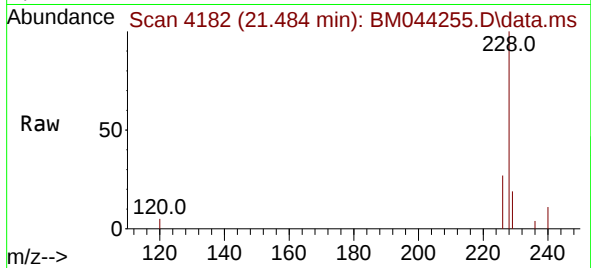




#21
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 21.484 min Scan# 4182
Delta R.T. -0.002 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

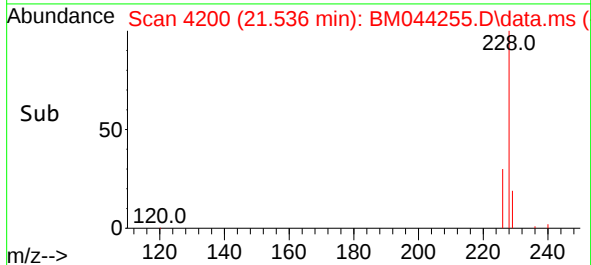
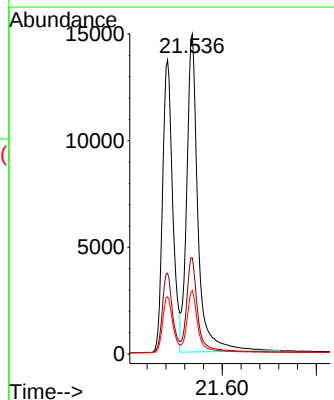
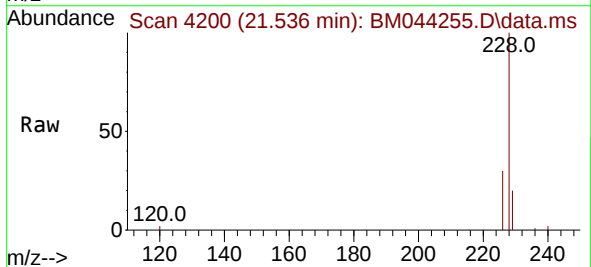
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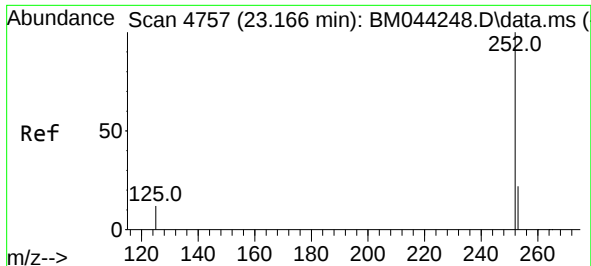
Tgt Ion:228 Resp: 20472
Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.528 ng/ul
RT: 21.536 min Scan# 4200
Delta R.T. -0.002 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion:228 Resp: 24676
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.8 15.8 23.6

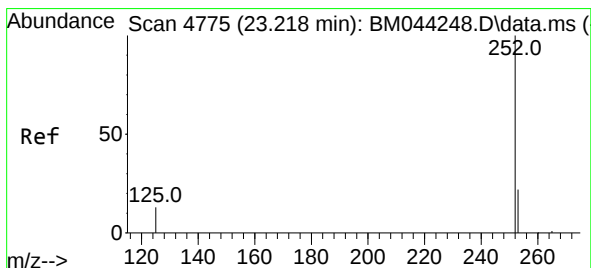
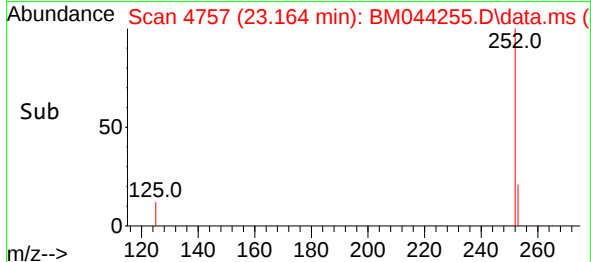
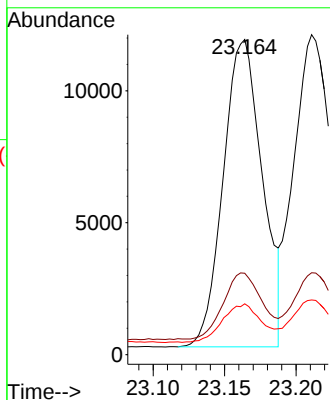
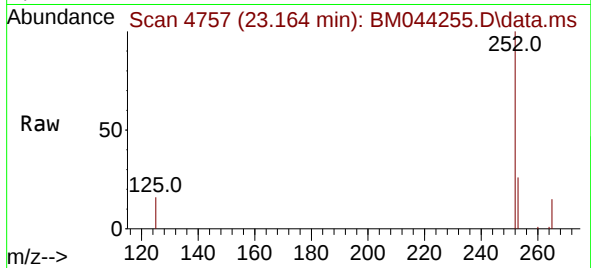




#24
Benzo(b)fluoranthene
Concen: 0.522 ng/ul
RT: 23.164 min Scan# 4757
Delta R.T. 0.001 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

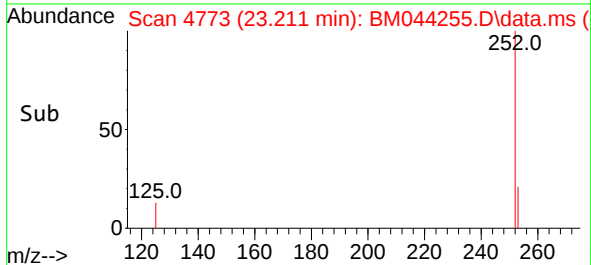
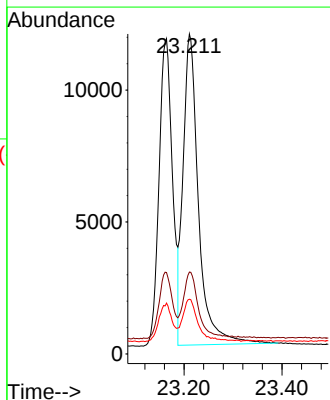
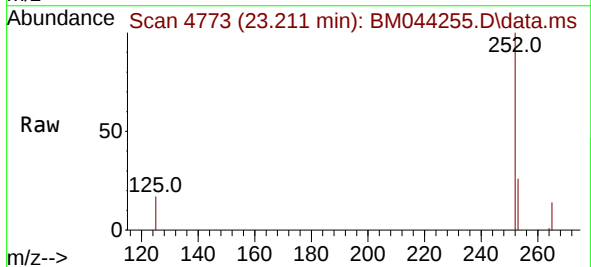
Instrument :
BNA_M
ClientSampleId :
BH3W7MS

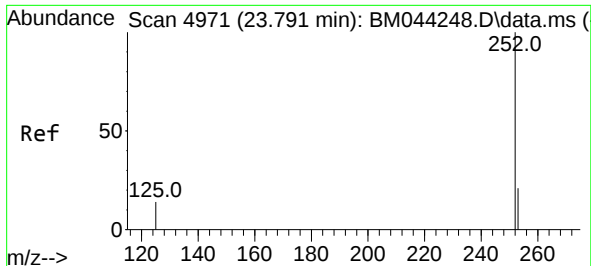
Tgt Ion:252 Resp: 22180
Ion Ratio Lower Upper
252 100
253 25.8 0.0 50.0
125 16.2 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.556 ng/ul
RT: 23.211 min Scan# 4773
Delta R.T. -0.002 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion:252 Resp: 25667
Ion Ratio Lower Upper
252 100
253 25.6 20.1 30.1
125 17.1 12.3 18.5

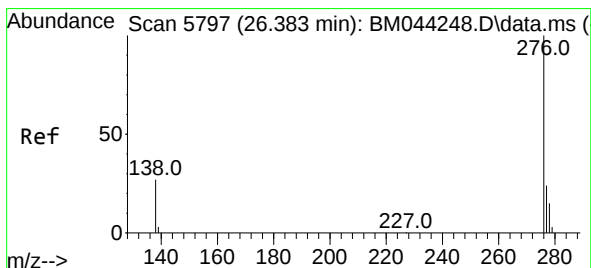
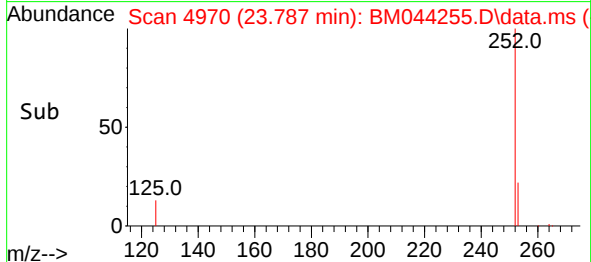
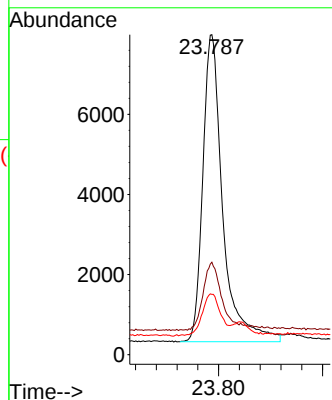
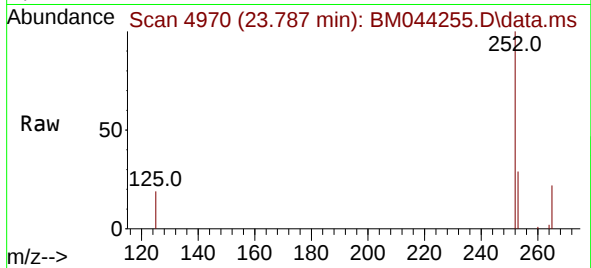




#26
Benzo(a)pyrene
Concen: 0.517 ng/ul
RT: 23.787 min Scan# 4971
Delta R.T. 0.001 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

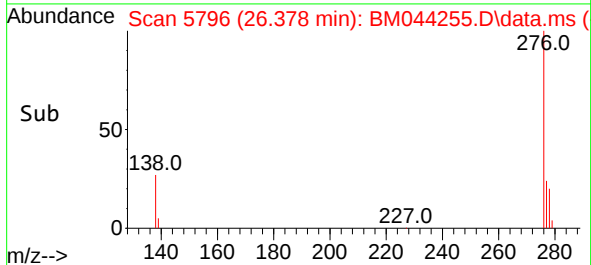
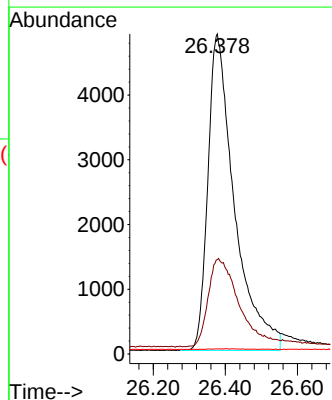
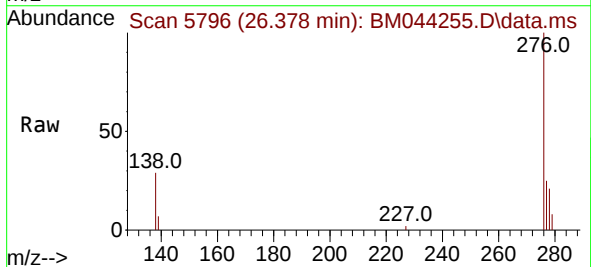
Instrument :
BNA_M
ClientSampleId :
BH3W7MS

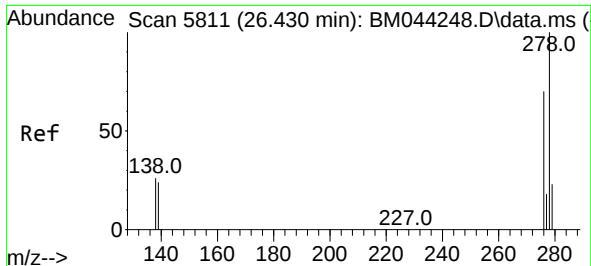
Tgt Ion:	252	Resp:	20452
Ion Ratio	Lower	Upper	
252	100		
253	28.9	21.4	32.2
125	18.9	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.498 ng/ul
RT: 26.378 min Scan# 5796
Delta R.T. 0.008 min
Lab File: BM044255.D
Acq: 23 Feb 2024 00:50

Tgt Ion:	276	Resp:	25063
Ion Ratio	Lower	Upper	
276	100		
138	32.3	25.2	37.8
227	0.0	0.1	0.1

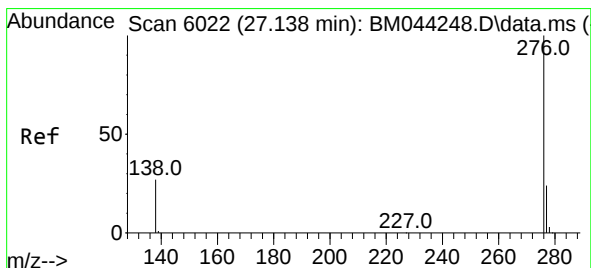
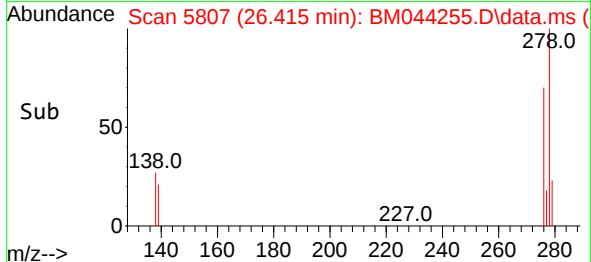
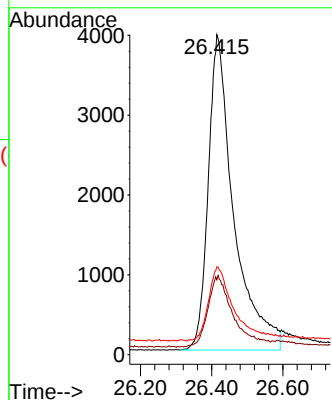
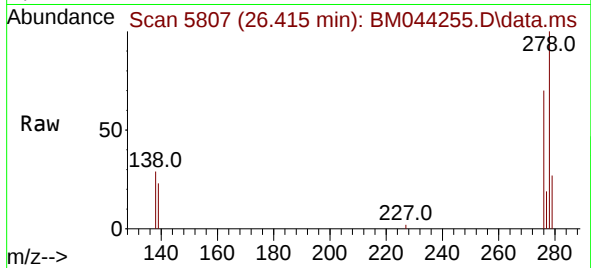




#28
 Dibenzo(a,h)anthracene
 Concen: 0.495 ng/ul
 RT: 26.415 min Scan# 5811
 Delta R.T. 0.005 min
 Lab File: BM044255.D
 Acq: 23 Feb 2024 00:50

Instrument :
 BNA_M
 ClientSampleId :
 BH3W7MS

Tgt Ion:278 Resp: 19617
 Ion Ratio Lower Upper
 278 100
 139 23.4 17.8 26.8
 279 27.4 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.503 ng/ul
 RT: 27.129 min Scan# 6020
 Delta R.T. 0.001 min
 Lab File: BM044255.D
 Acq: 23 Feb 2024 00:50

Tgt Ion:276 Resp: 22399
 Ion Ratio Lower Upper
 276 100
 138 30.2 22.7 34.1
 277 24.0 19.0 28.6

