

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043954.D
 Acq On : 01 Feb 2024 19:27
 Operator : MA/JU
 Sample : PB158635BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS635

Quant Time: Feb 01 23:55:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

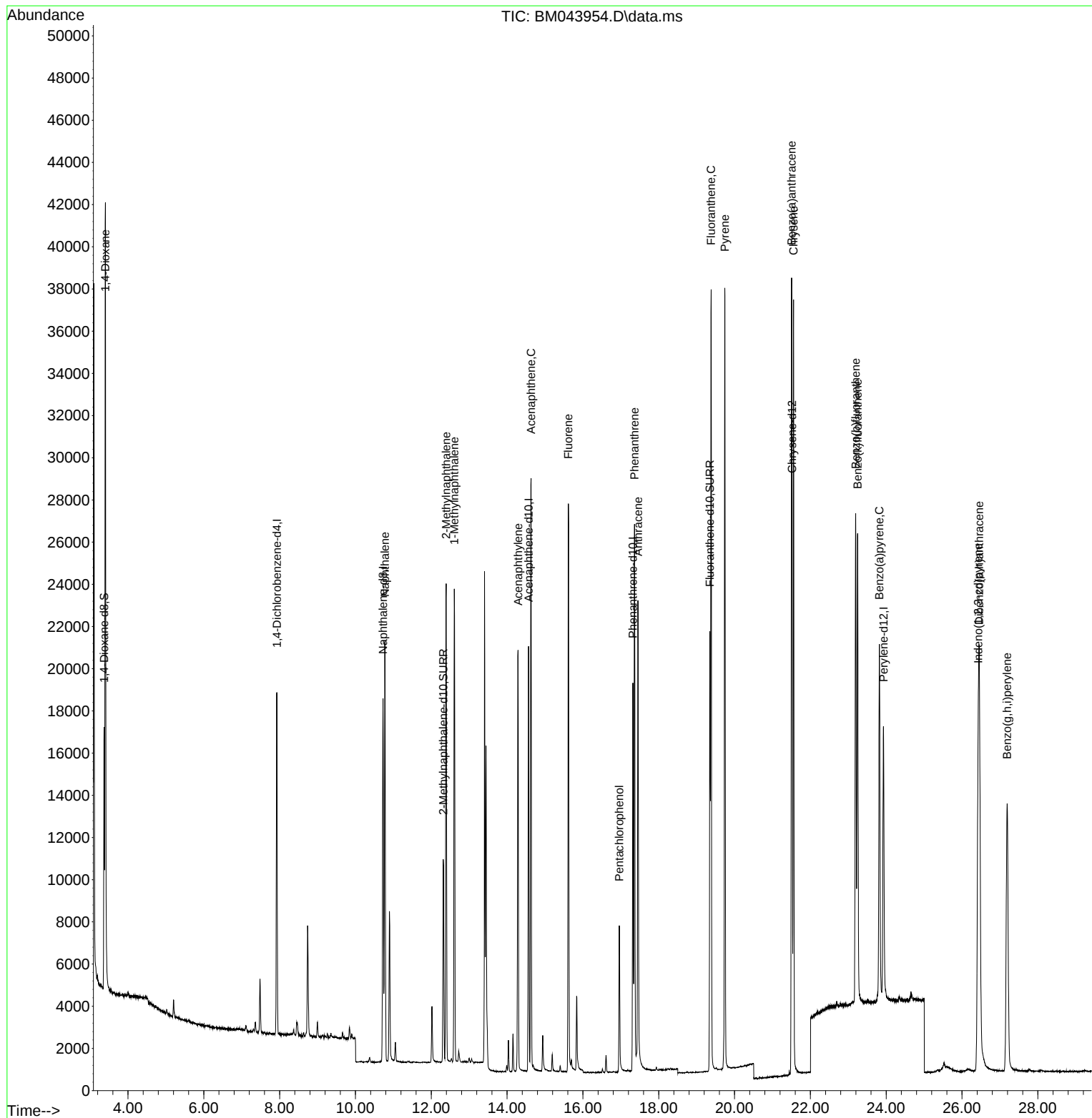
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	8110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23221	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	10849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	22400	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	17296	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	18756	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	7931	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12655	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	22617	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	24338	2.223	ng/ul#	85
5) Naphthalene	10.776	128	26935	0.405	ng/ul	100
7) 2-Methylnaphthalene	12.393	142	16147	0.407	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	15378	0.391	ng/ul	99
10) Acenaphthylene	14.288	152	23540	0.400	ng/ul	100
11) Acenaphthene	14.631	153	16376	0.402	ng/ul	99
12) Fluorene	15.616	166	17963	0.401	ng/ul	99
14) Pentachlorophenol	16.959	266	5047	0.952	ng/ul	94
15) Phenanthrene	17.360	178	28034	0.411	ng/ul	99
16) Anthracene	17.453	178	27018	0.417	ng/ul	100
19) Fluoranthene	19.382	202	32129	0.403	ng/ul	100
20) Pyrene	19.745	202	32870	0.401	ng/ul	100
21) Benzo(a)anthracene	21.503	228	30524	0.423	ng/ul	99
22) Chrysene	21.555	228	32010	0.423	ng/ul	99
24) Benzo(b)fluoranthene	23.195	252	31073	0.433	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	31998	0.429	ng/ul	99
26) Benzo(a)pyrene	23.818	252	28104	0.430	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.427	276	35872	0.426	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.457	278	28694	0.428	ng/ul	99
29) Benzo(g,h,i)perylene	27.191	276	30464	0.419	ng/ul	99

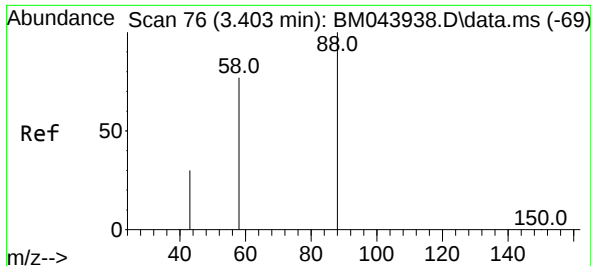
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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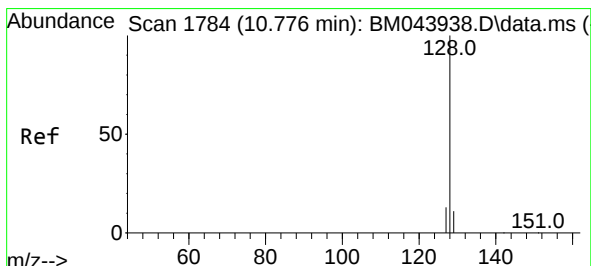
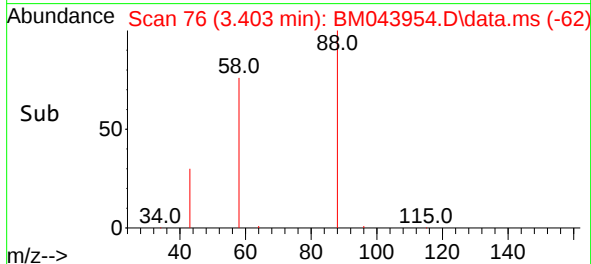
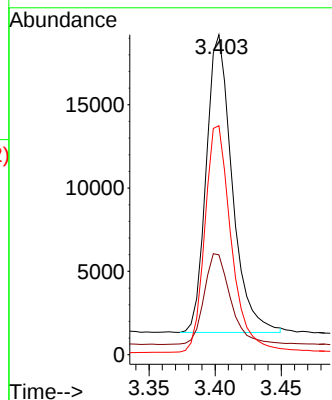
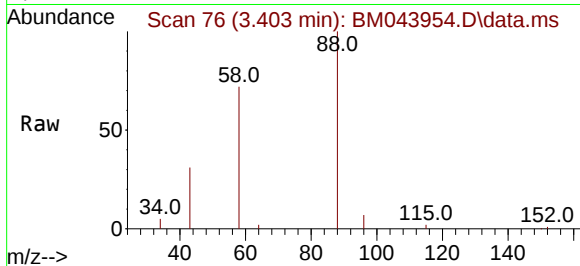




#2
1,4-Dioxane
Concen: 2.223 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

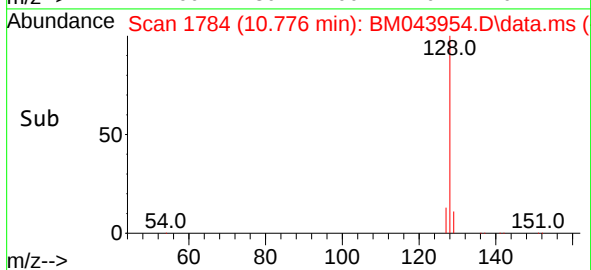
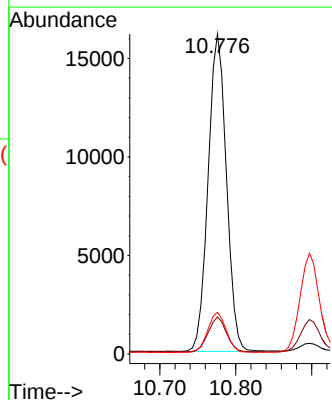
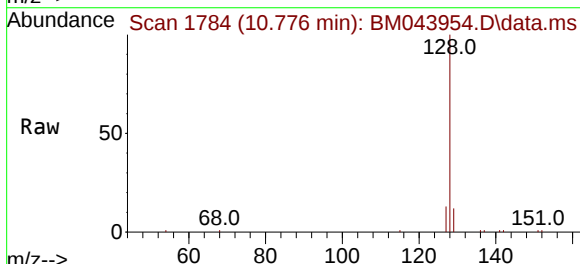
Instrument :
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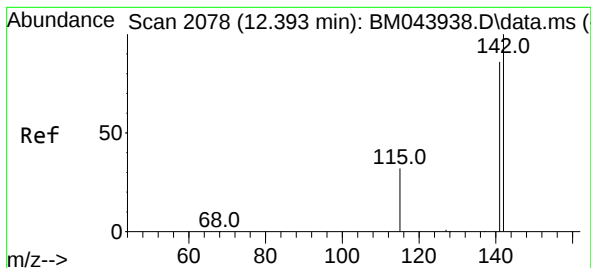
Tgt Ion: 88 Resp: 24338
Ion Ratio Lower Upper
88 100
43 31.2 27.1 40.7
58 71.5 44.6 67.0#



#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion: 128 Resp: 26935
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.0 10.3 15.5

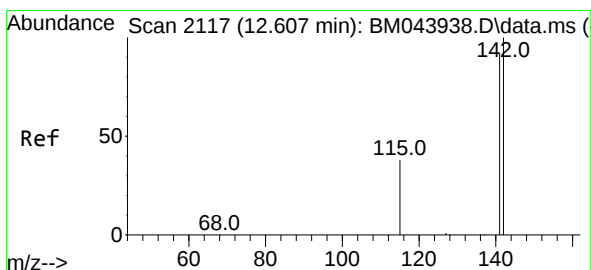
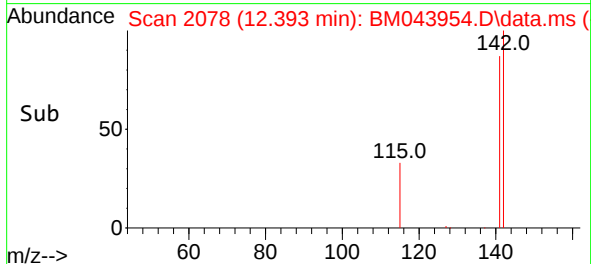
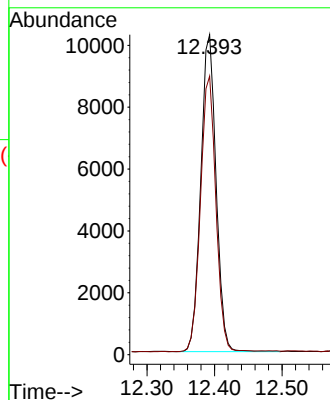
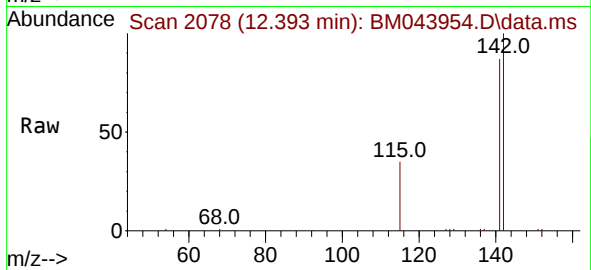




#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

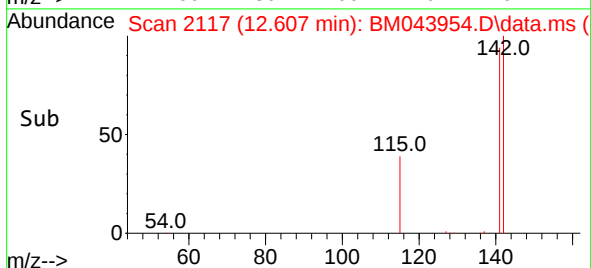
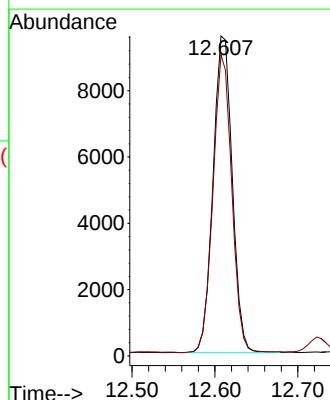
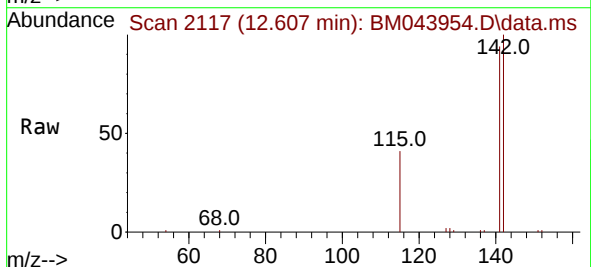
Instrument :
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ClientSampleId :
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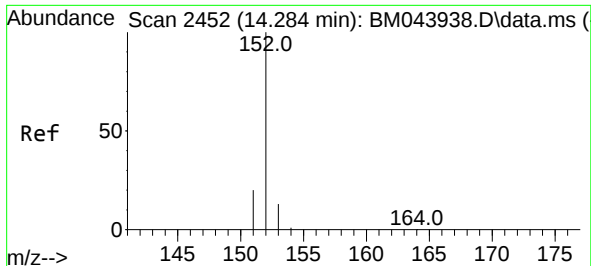
Tgt Ion:142 Resp: 16147
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:142 Resp: 15378
Ion Ratio Lower Upper
142 100
141 92.2 72.9 109.3

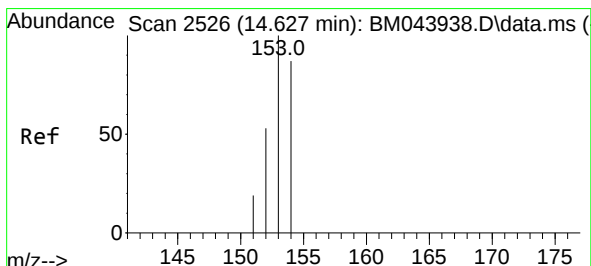
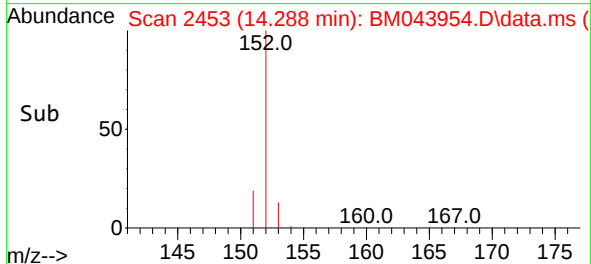
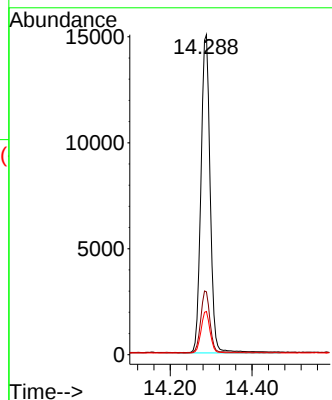
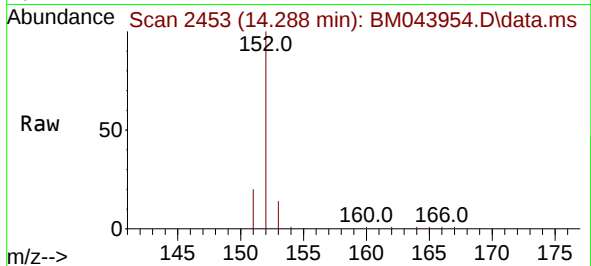




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

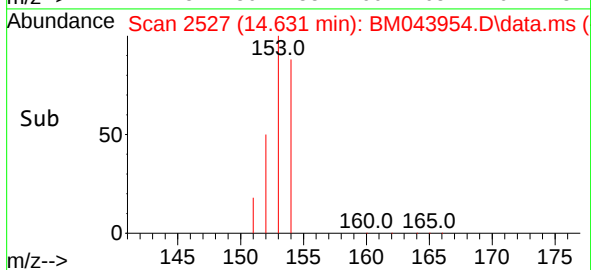
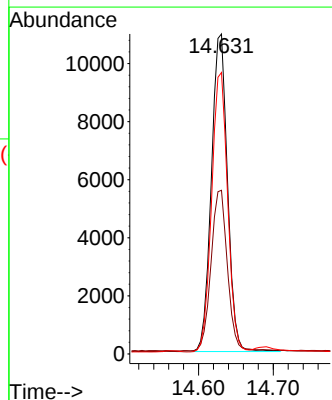
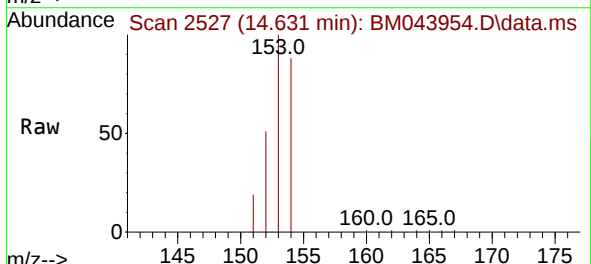
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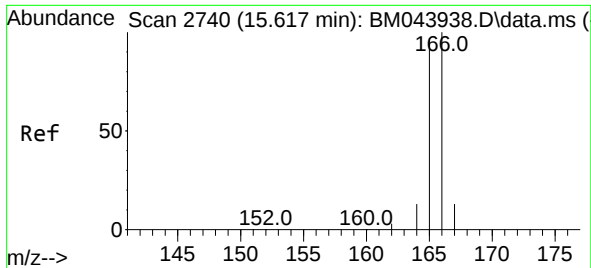
Tgt Ion:152	Resp:	23540
Ion Ratio	Lower	Upper
152	100	
151	19.7	15.6 23.4
153	13.5	10.9 16.3



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. 0.005 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:153	Resp:	16376
Ion Ratio	Lower	Upper
153	100	
152	51.2	41.8 62.8
154	87.9	69.8 104.8

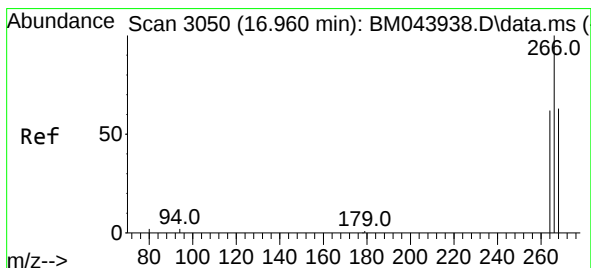
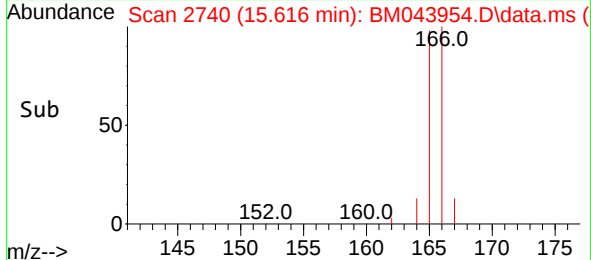
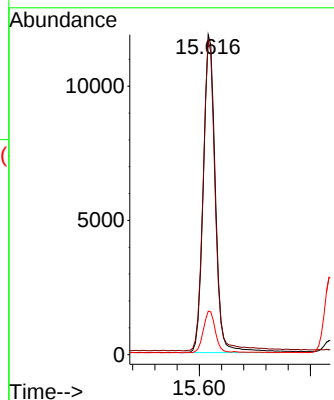
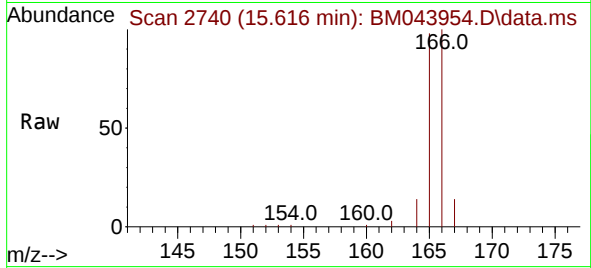




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

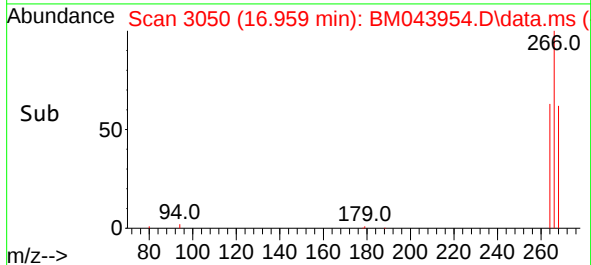
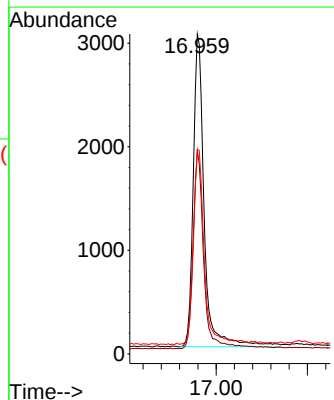
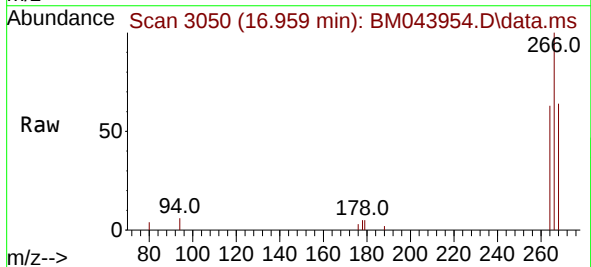
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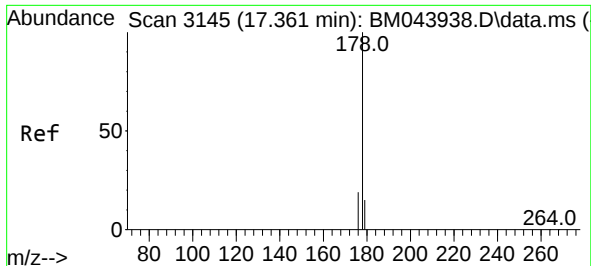
Tgt Ion:166 Resp: 17963
Ion Ratio Lower Upper
166 100
165 98.4 79.5 119.3
167 13.6 10.9 16.3



#14
Pentachlorophenol
Concen: 0.952 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:266 Resp: 5047
Ion Ratio Lower Upper
266 100
264 61.8 51.3 76.9
268 61.8 54.7 82.1

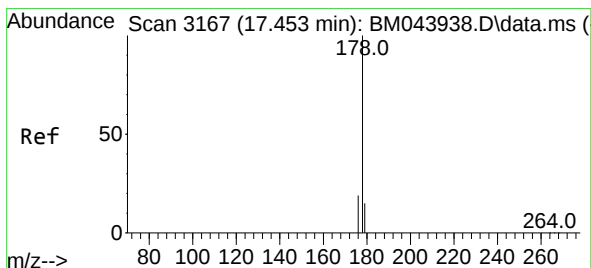
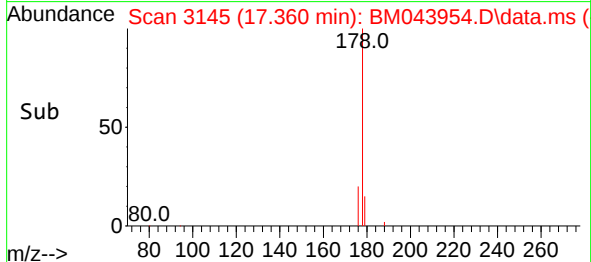
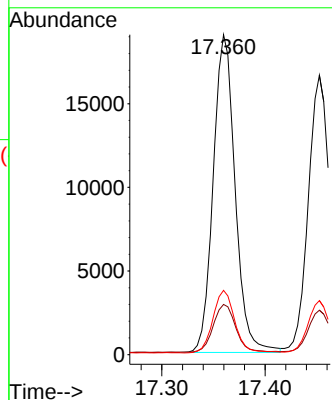
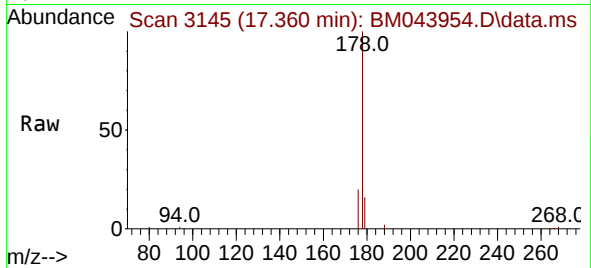




#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

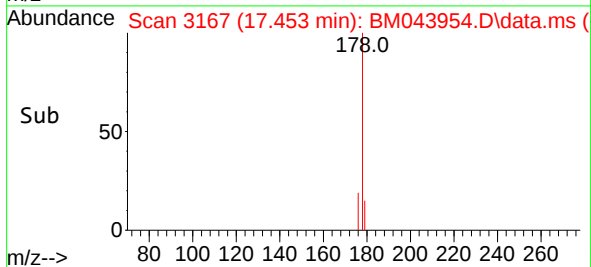
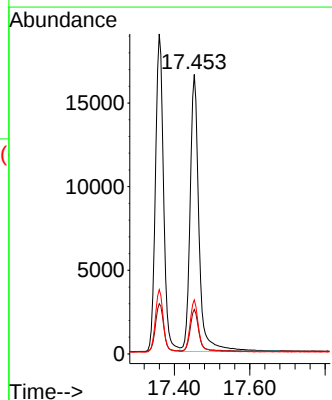
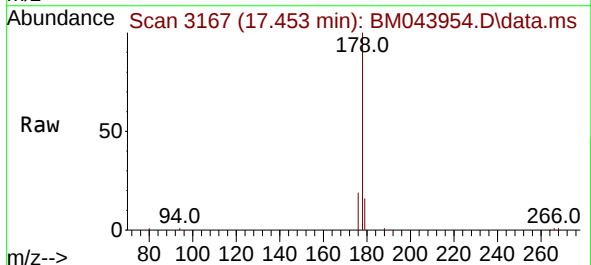
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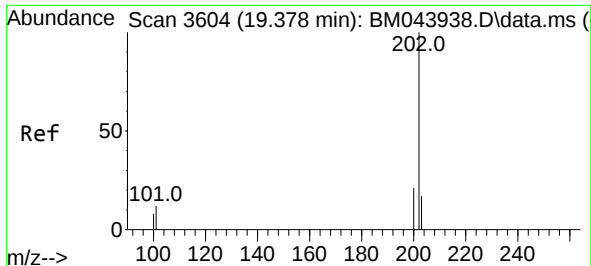
Tgt Ion:178	Resp:	28034
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.5 18.7
176	20.1	15.6 23.4



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:178	Resp:	27018
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 18.8
176	19.3	15.4 23.0

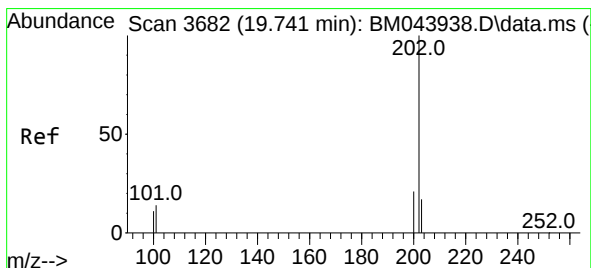
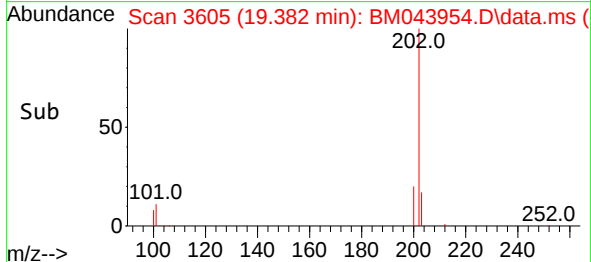
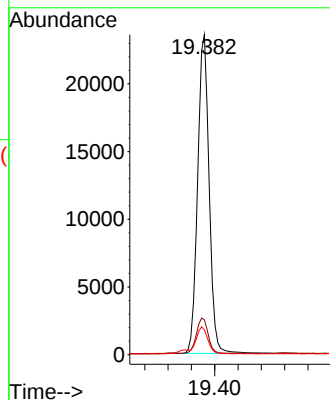
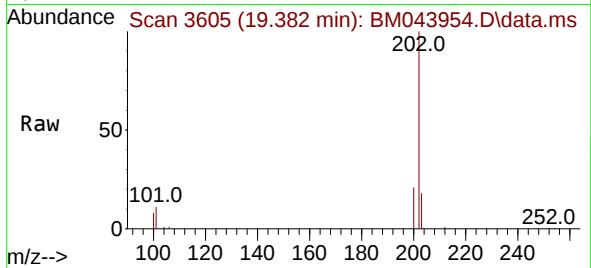




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 19.382 min Scan# 3605
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

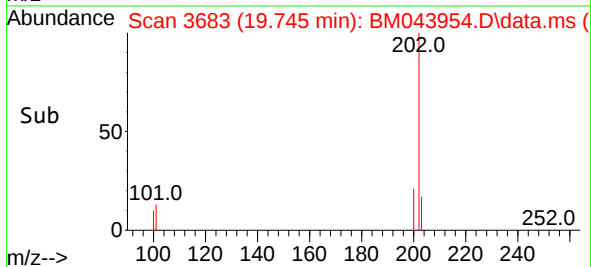
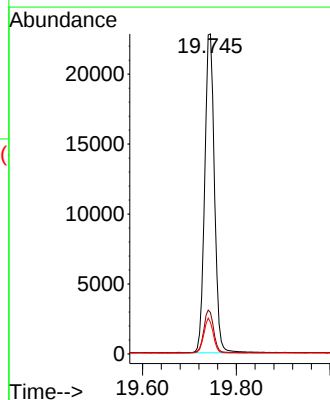
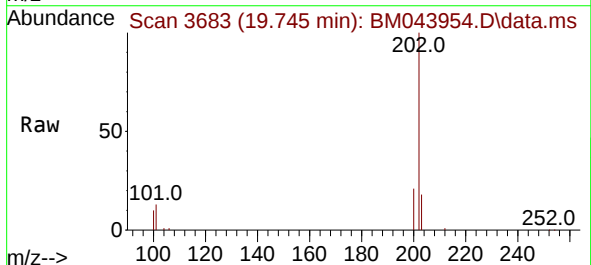
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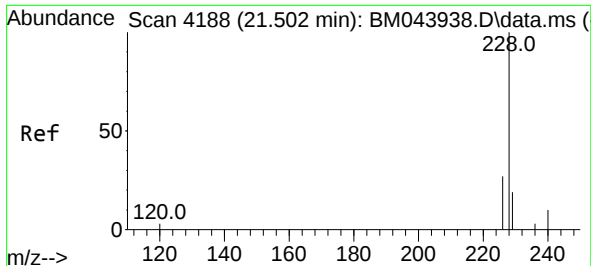
Tgt Ion:202 Resp: 32129
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
100 7.8 6.4 9.6



#20
Pyrene
Concen: 0.401 ng/u1
RT: 19.745 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:202 Resp: 32870
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.9 8.1 12.1

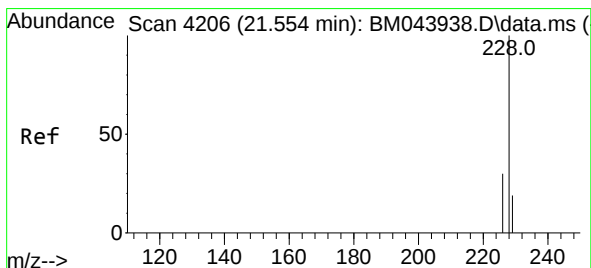
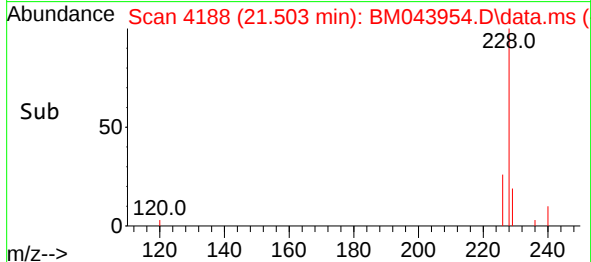
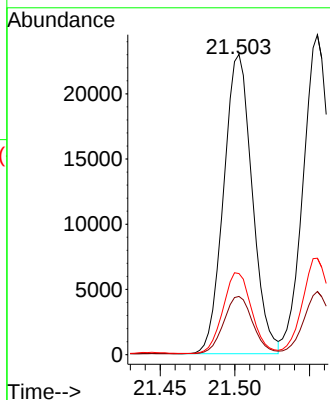
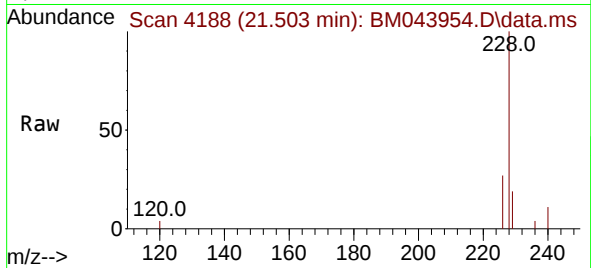




#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

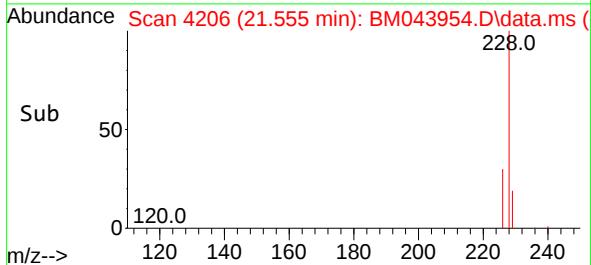
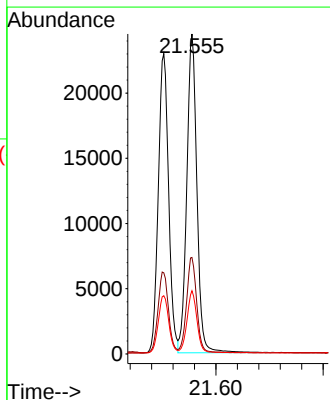
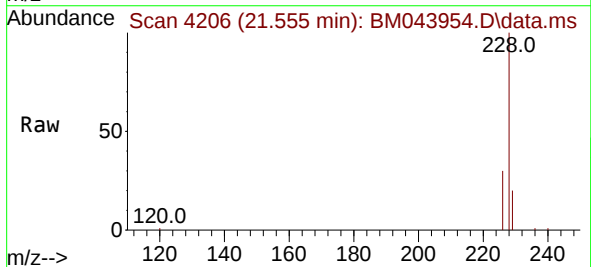
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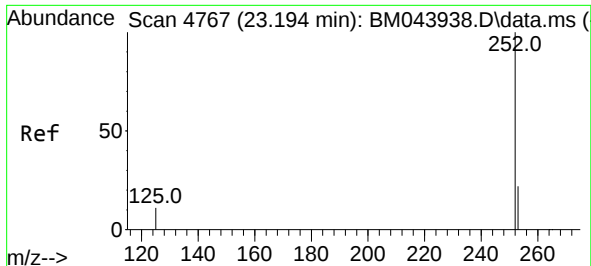
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Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.0 22.3 33.5



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:228 Resp: 32010
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.7 15.5 23.3

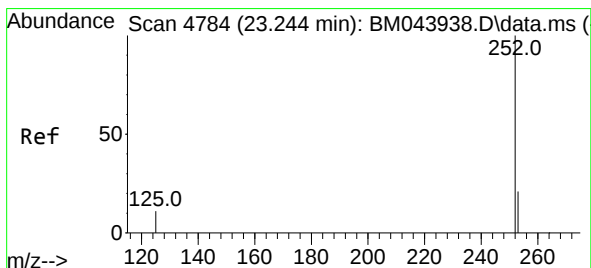
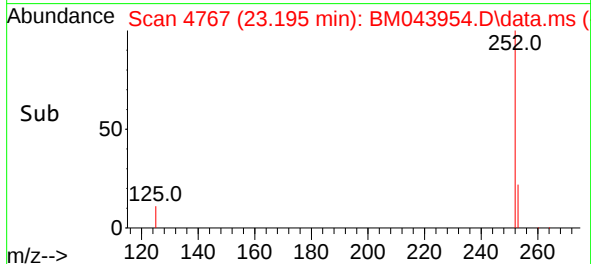
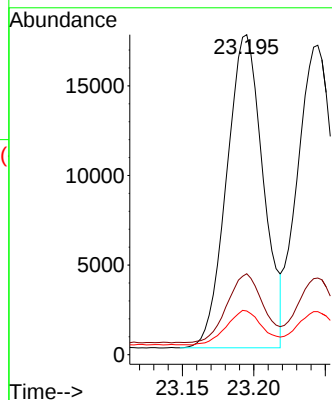
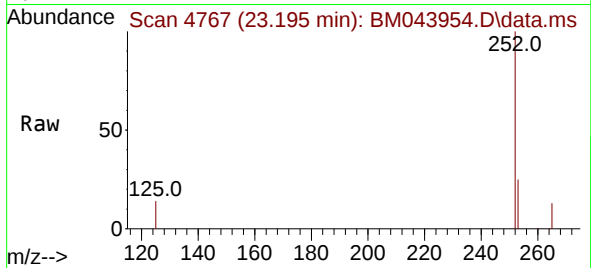




#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

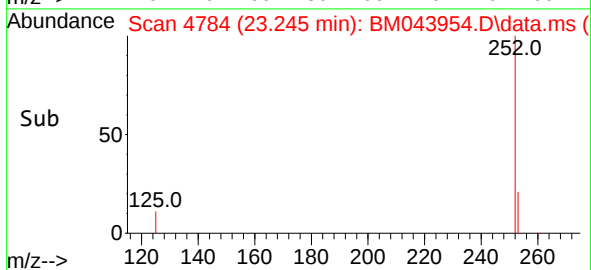
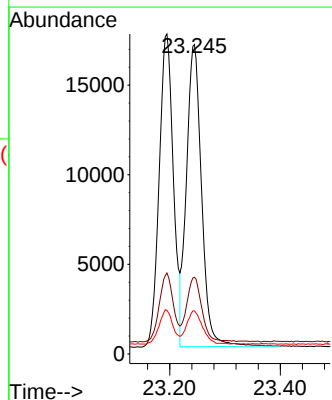
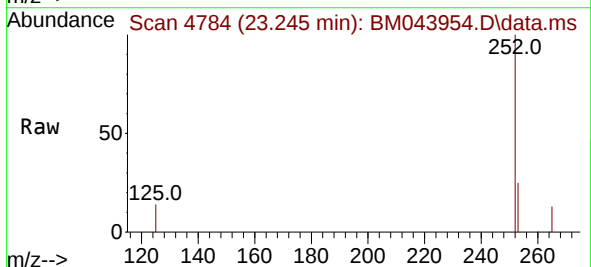
Instrument :
BNA_M
ClientSampleId :
SLCS635

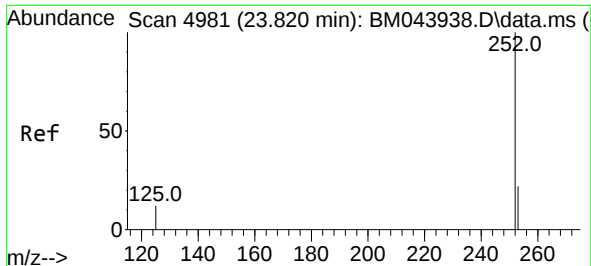
Tgt Ion:252 Resp: 31073
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.0
125 13.7 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.245 min Scan# 4784
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:252 Resp: 31998
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 13.9 10.6 16.0

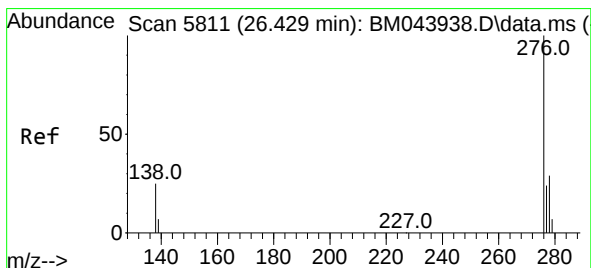
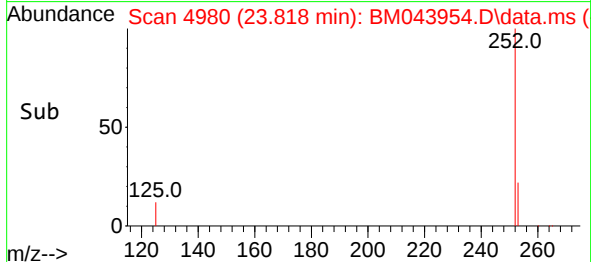
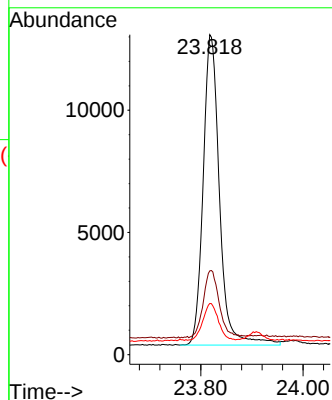
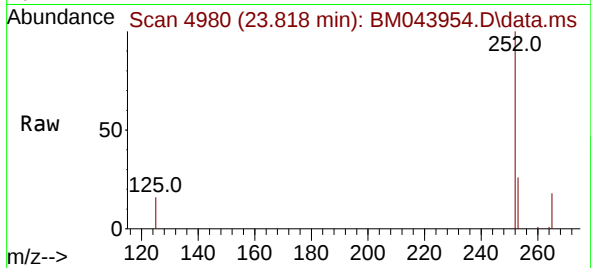




#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.818 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

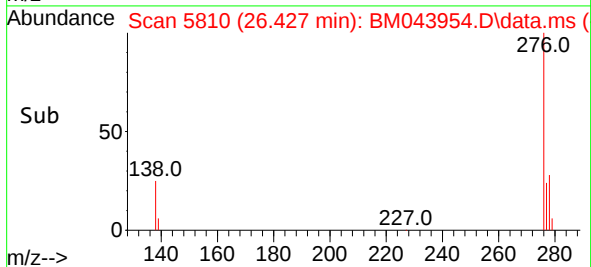
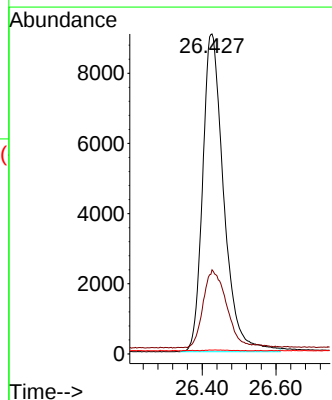
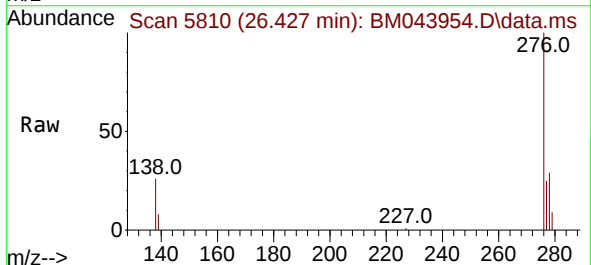
Instrument :
BNA_M
ClientSampleId :
SLCS635

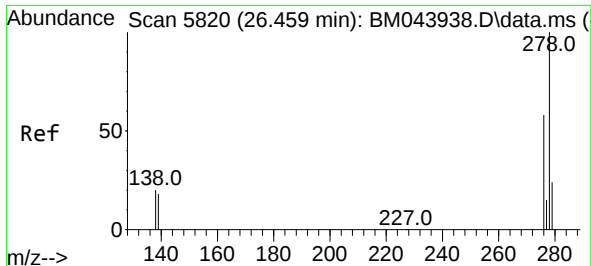
Tgt Ion:252 Resp: 28104
Ion Ratio Lower Upper
252 100
253 26.2 20.6 31.0
125 16.0 12.6 18.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.427 min Scan# 5810
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

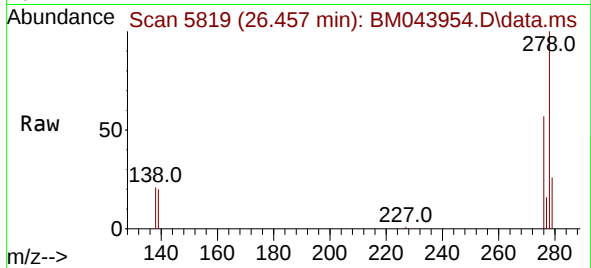
Tgt Ion:276 Resp: 35872
Ion Ratio Lower Upper
276 100
138 27.5 22.2 33.2
227 0.1 0.0 0.0#



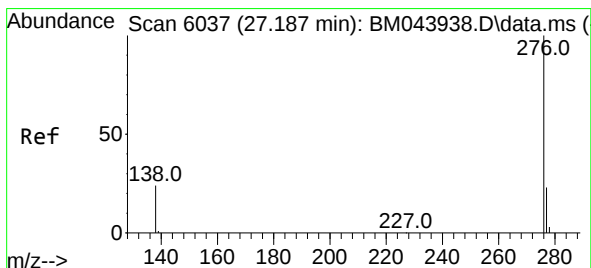
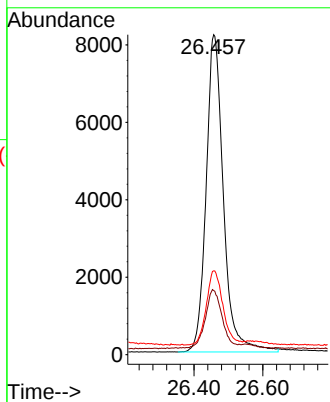
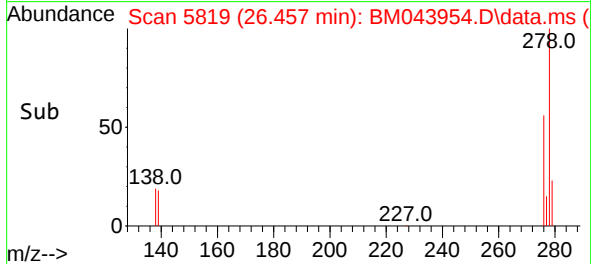


#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.457 min Scan# 5819
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635



Tgt Ion:278 Resp: 28694
Ion Ratio Lower Upper
278 100
139 20.1 16.2 24.2
279 26.2 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.191 min Scan# 6038
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:276 Resp: 30464
Ion Ratio Lower Upper
276 100
138 24.8 20.2 30.2
277 23.8 19.0 28.4

