

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040351.D
 Acq On : 22 Jun 2023 16:35
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV028

Quant Time: Jun 23 00:52:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

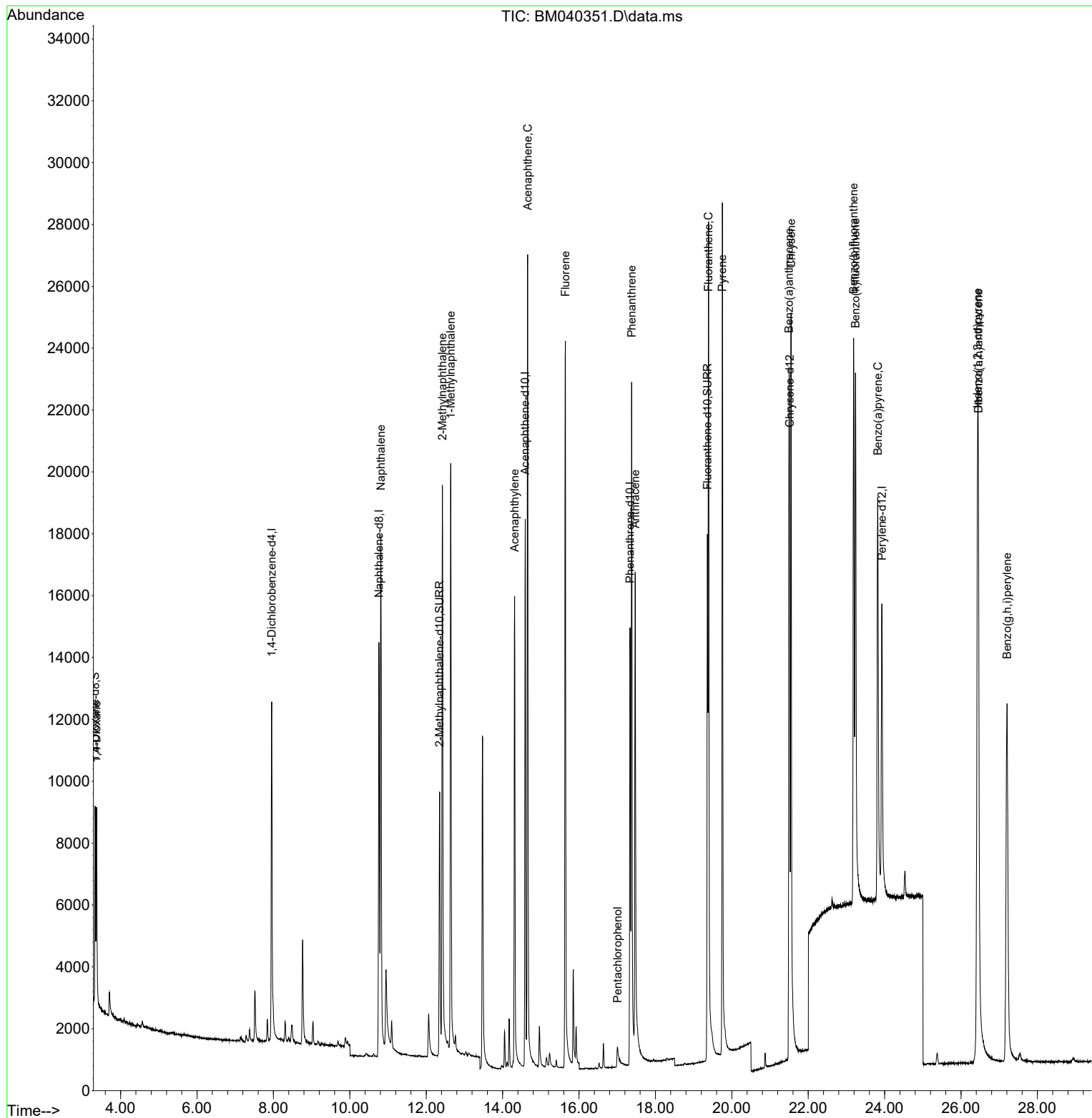
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	20622	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	9787	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	18463	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13456	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	14373	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3914	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	13428	0.464	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	20090	0.466	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	4219	0.435	ng/ul	97
5) Naphthalene	10.811	128	24842	0.437	ng/ul	100
7) 2-Methylnaphthalene	12.422	142	15263	0.457	ng/ul	99
8) 1-Methylnaphthalene	12.642	142	14054	0.421	ng/ul	99
10) Acenaphthylene	14.313	152	19644	0.449	ng/ul	100
11) Acenaphthene	14.656	153	15993	0.433	ng/ul	99
12) Fluorene	15.641	166	17164	0.435	ng/ul	99
14) Pentachlorophenol	17.007	266	1100	0.309	ng/ul	95
15) Phenanthrene	17.379	178	24877	0.434	ng/ul	99
16) Anthracene	17.472	178	20705	0.430	ng/ul	100
19) Fluoranthene	19.389	202	24309	0.425	ng/ul	100
20) Pyrene	19.751	202	26186	0.427	ng/ul	97
21) Benzo(a)anthracene	21.497	228	19759	0.434	ng/ul	100
22) Chrysene	21.550	228	23025	0.443	ng/ul	100
24) Benzo(b)fluoranthene	23.190	252	24560	0.442	ng/ul	99
25) Benzo(k)fluoranthene	23.236	252	24755	0.452	ng/ul	99
26) Benzo(a)pyrene	23.821	252	22998	0.459	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.431	276	32183	0.461	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.454	278	25376	0.464	ng/ul	98
29) Benzo(g,h,i)perylene	27.205	276	27749	0.454	ng/ul	99

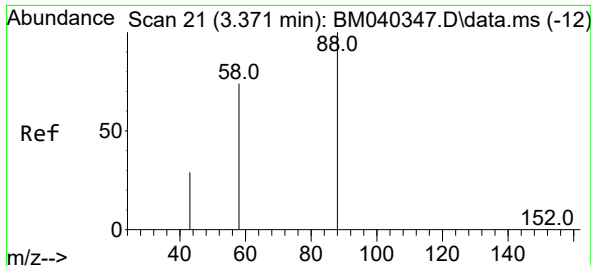
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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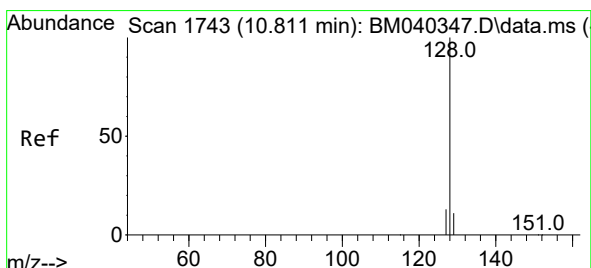
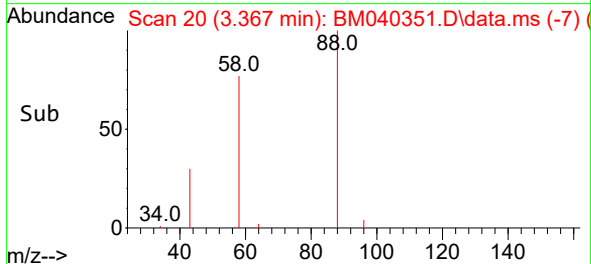
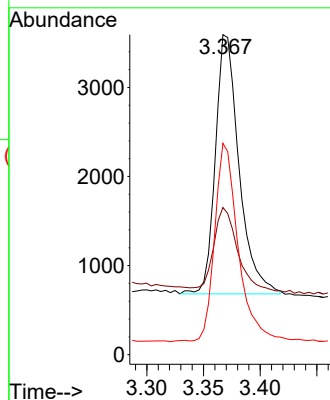
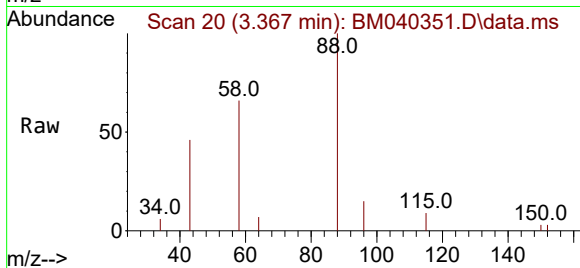




#2
1,4-Dioxane
Concen: 0.435 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

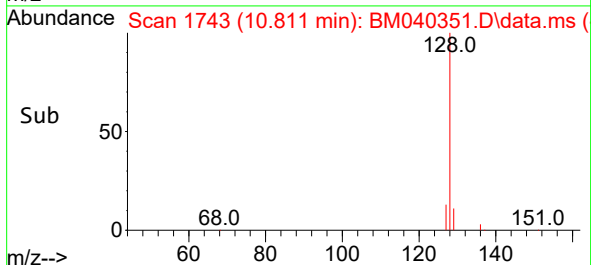
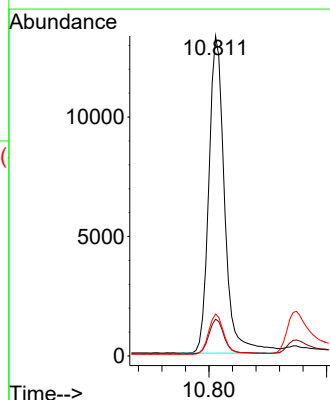
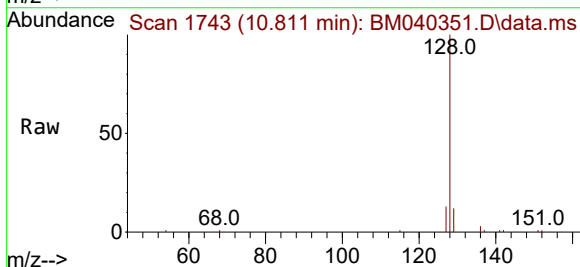
Instrument :
BNA_M
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SICV028

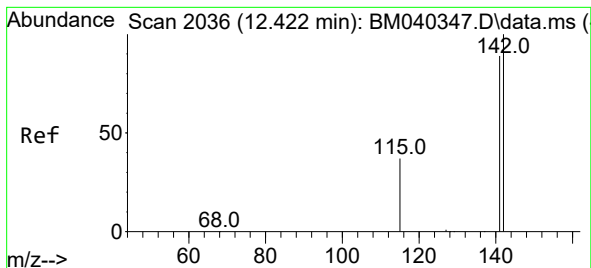
Tgt Ion: 88 Resp: 4219
Ion Ratio Lower Upper
88 100
43 46.0 36.1 54.1
58 66.1 49.8 74.8



#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion: 128 Resp: 24842
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.6 15.8

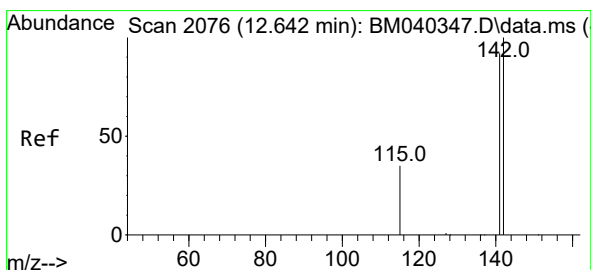
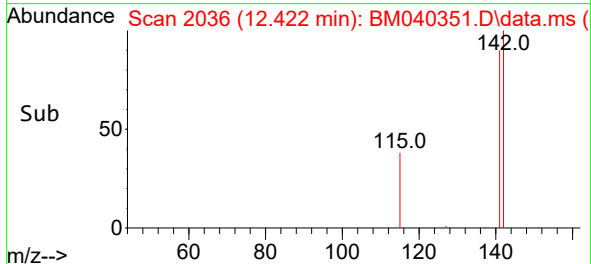
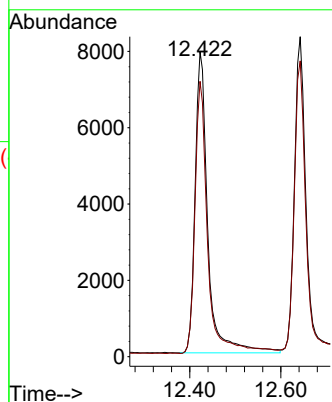
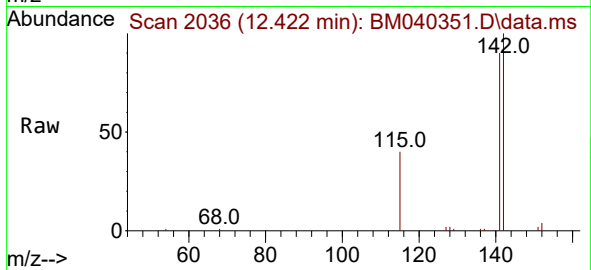




#7
2-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

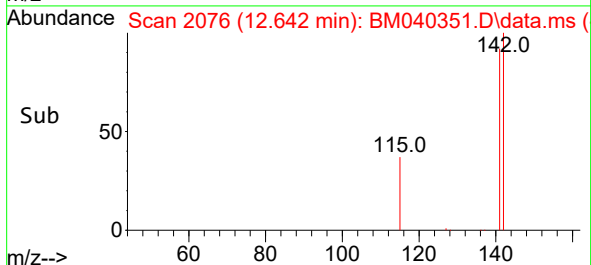
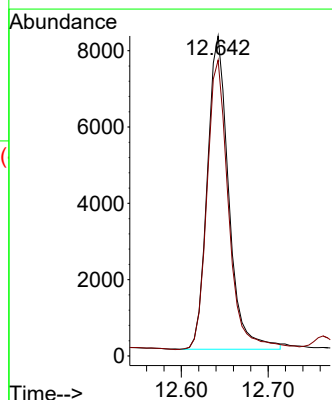
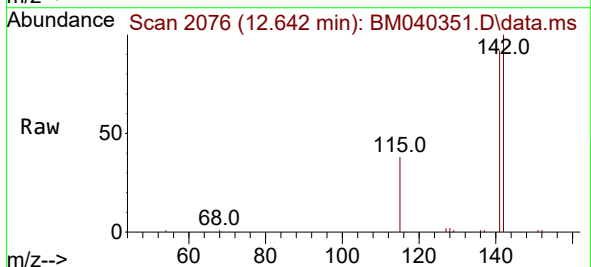
Instrument :
BNA_M
ClientSampleId :
SICV028

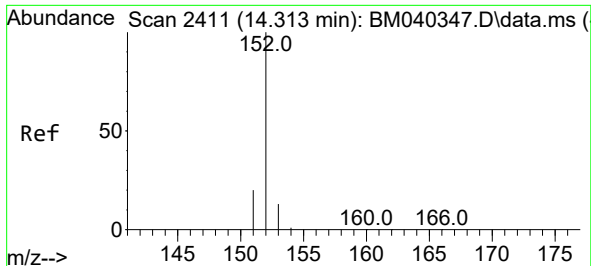
Tgt Ion:142 Resp: 15263
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:142 Resp: 14054
Ion Ratio Lower Upper
142 100
141 92.9 73.7 110.5

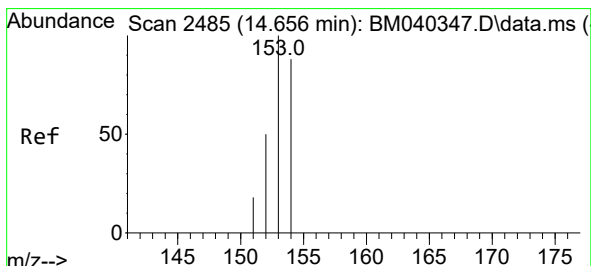
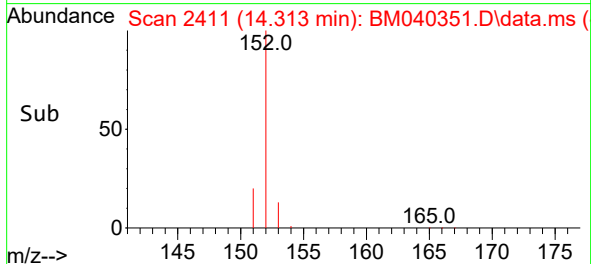
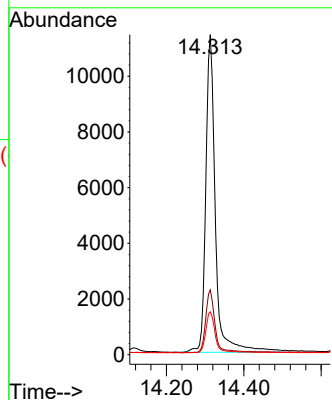
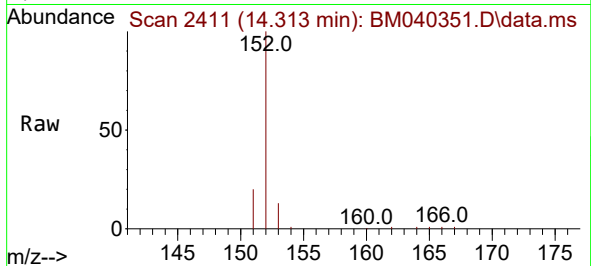




#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

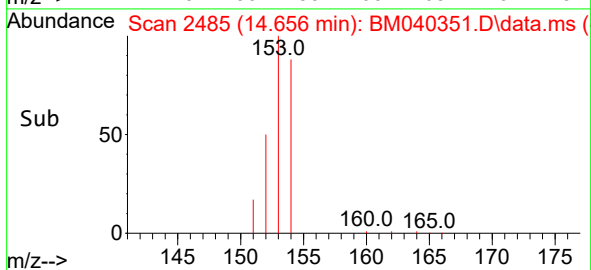
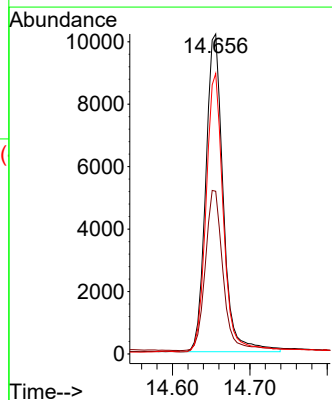
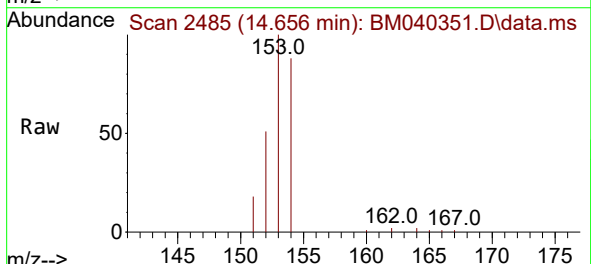
Instrument :
BNA_M
ClientSampleId :
SICV028

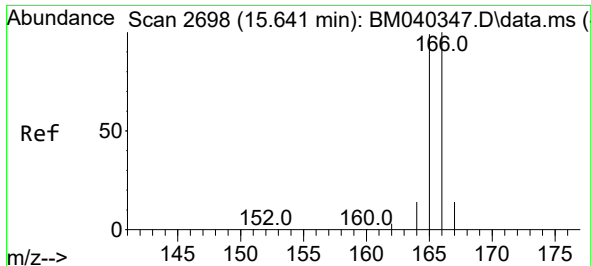
Tgt Ion:152 Resp: 19644
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:153 Resp: 15993
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 87.6 70.8 106.2

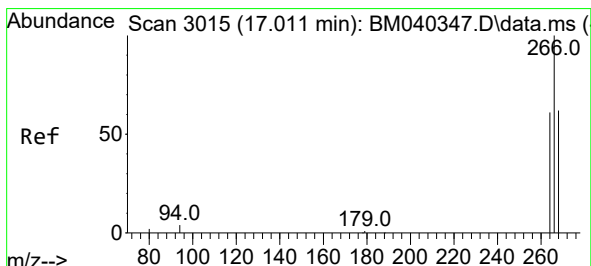
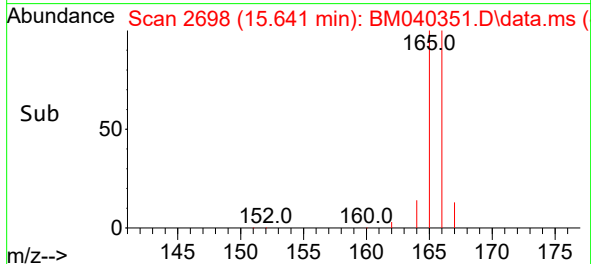
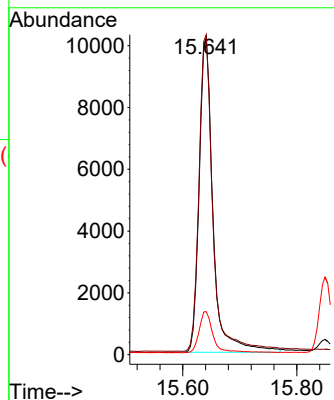
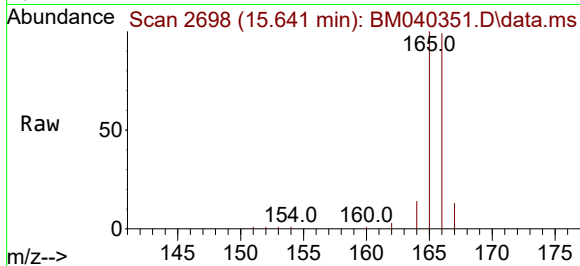




#12
 Fluorene
 Concen: 0.435 ng/ul
 RT: 15.641 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: BM040351.D
 Acq: 22 Jun 2023 16:35

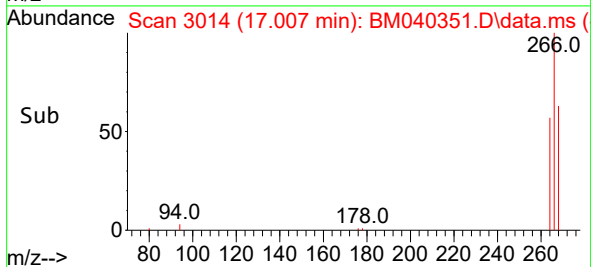
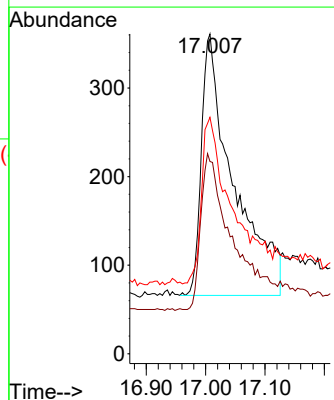
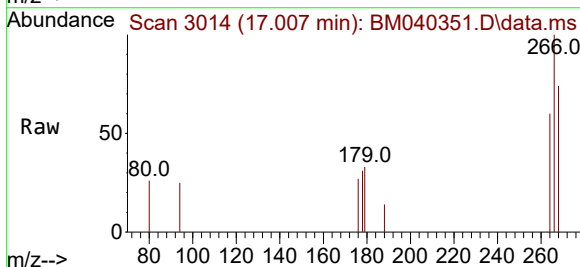
Instrument :
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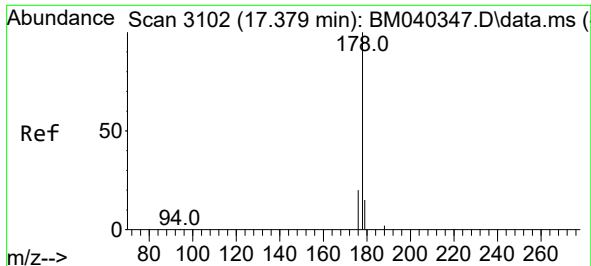
Tgt Ion:	166	Resp:	17164
Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.6	119.4
167	13.5	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.309 ng/ul
 RT: 17.007 min Scan# 3014
 Delta R.T. -0.004 min
 Lab File: BM040351.D
 Acq: 22 Jun 2023 16:35

Tgt Ion:	266	Resp:	1100
Ion	Ratio	Lower	Upper
266	100		
264	60.5	45.4	68.0
268	62.5	47.2	70.8

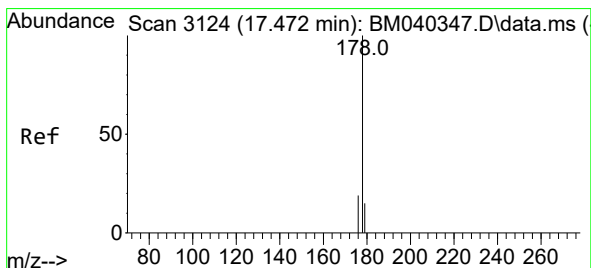
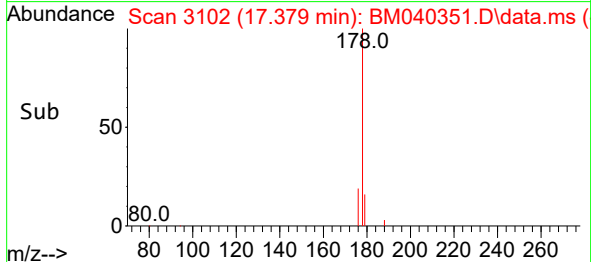
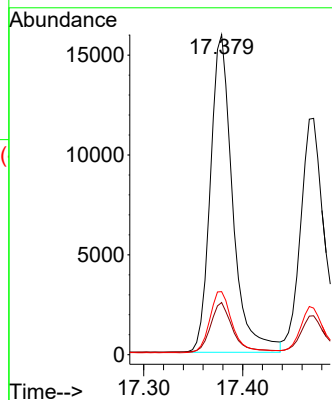
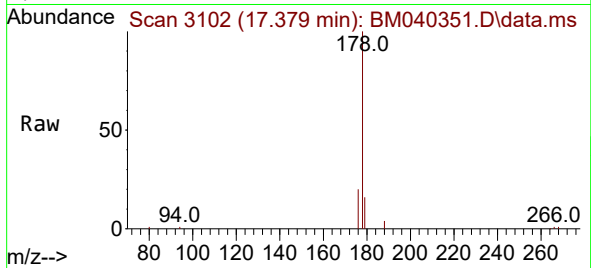




#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

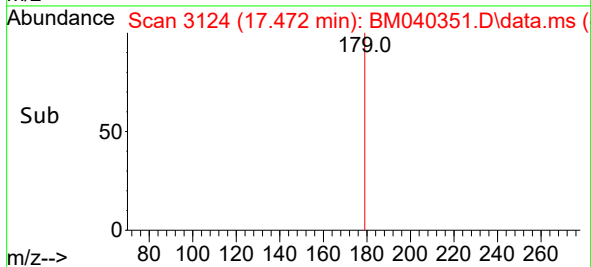
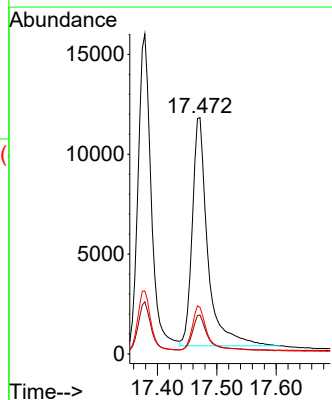
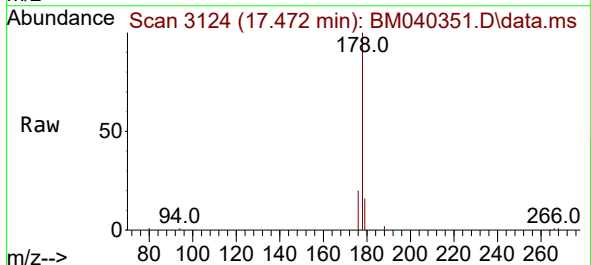
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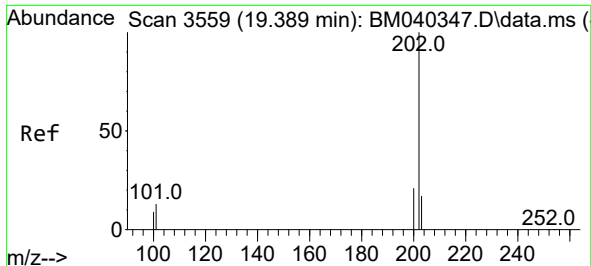
Tgt Ion:178 Resp: 24877
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.7 16.4 24.6



#16
Anthracene
Concen: 0.430 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:178 Resp: 20705
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.7 15.8 23.6

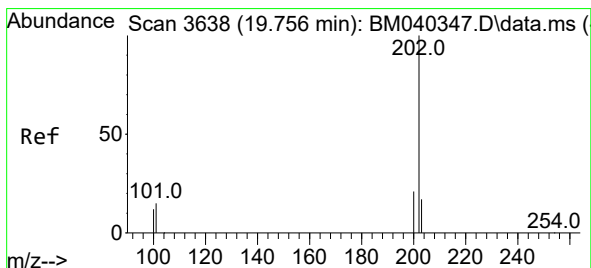
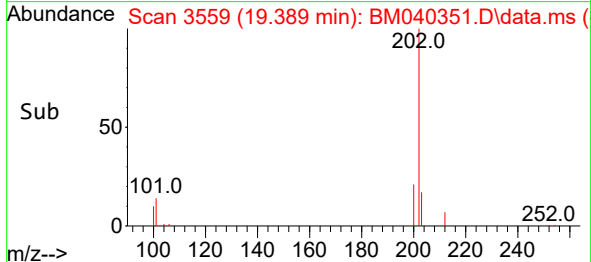
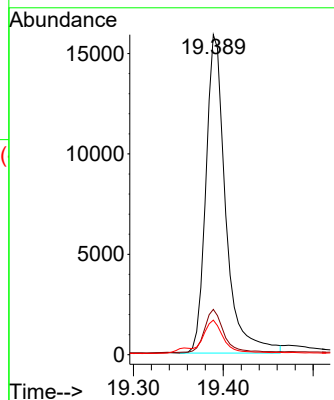
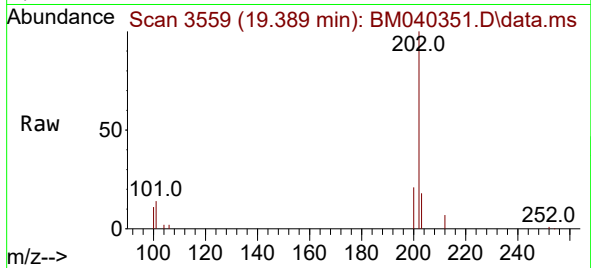




#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

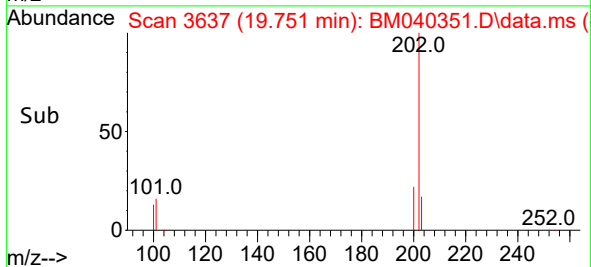
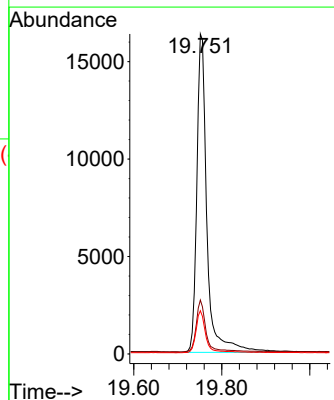
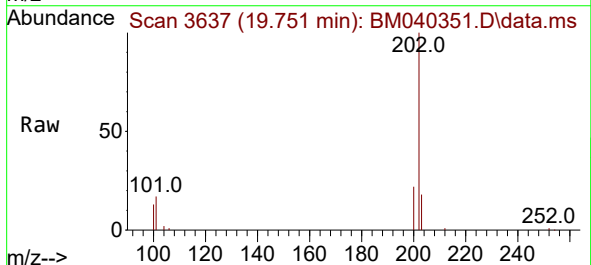
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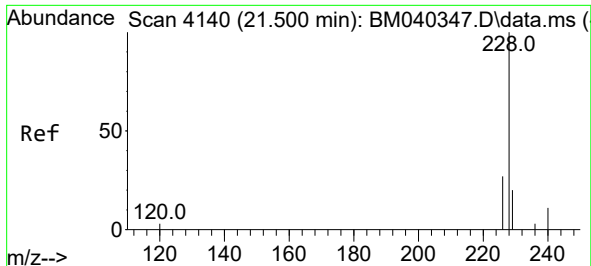
Tgt Ion:202 Resp: 24309
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 10.8 8.7 13.1



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:202 Resp: 26186
Ion Ratio Lower Upper
202 100
101 16.8 12.6 18.8
100 13.5 9.8 14.6

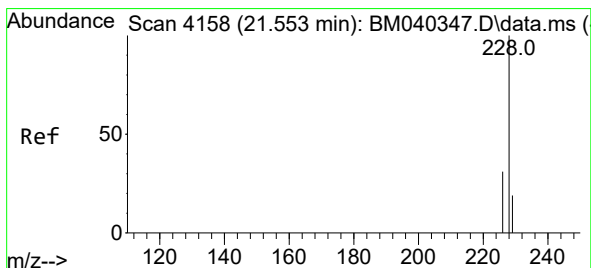
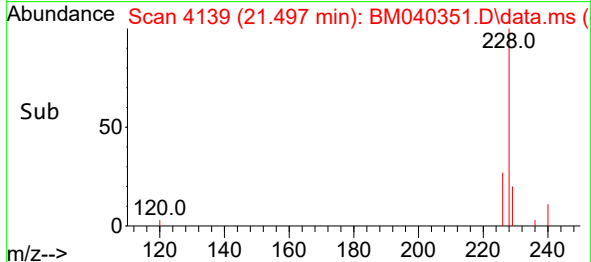
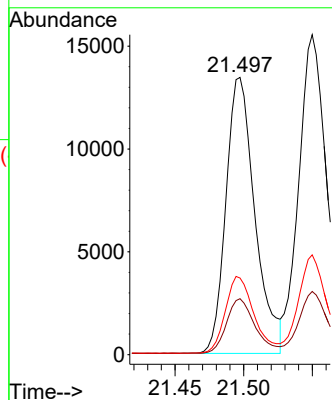
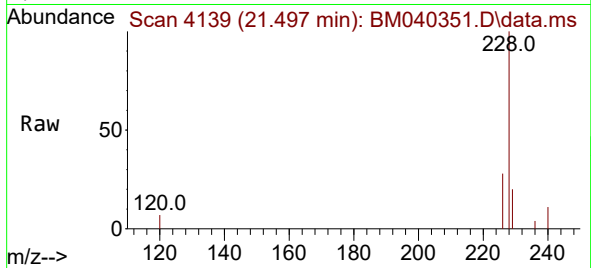




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

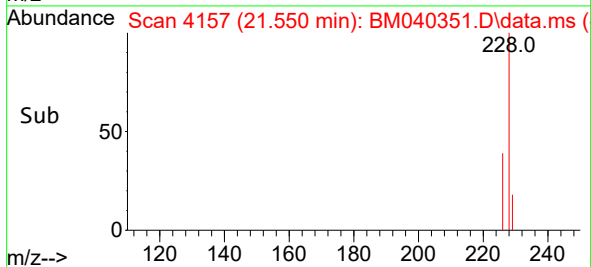
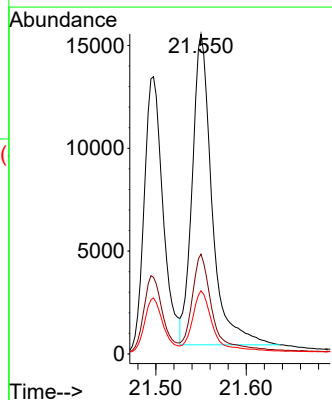
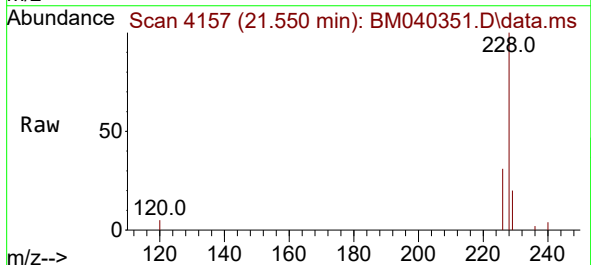
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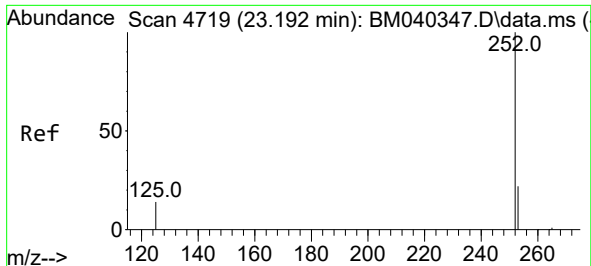
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Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.6 22.3 33.5



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:228 Resp: 23025
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 19.7 15.8 23.6

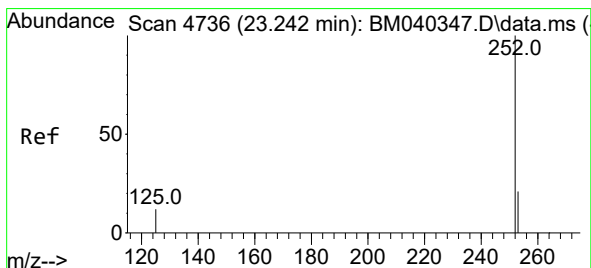
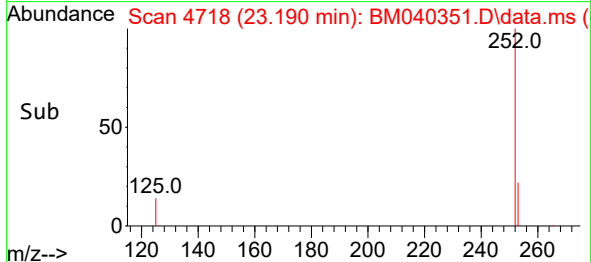
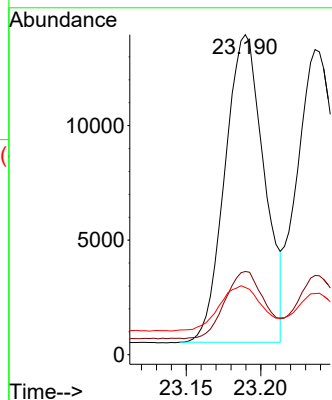
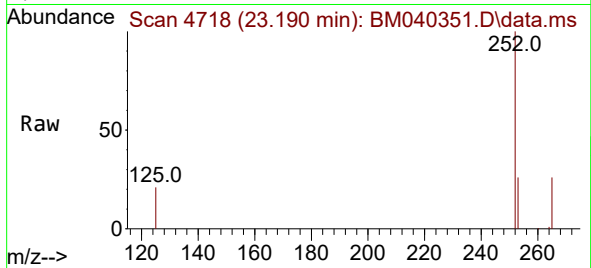




#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.190 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

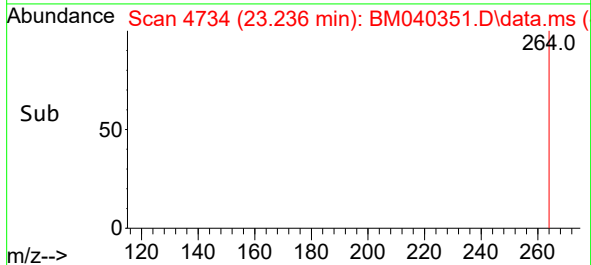
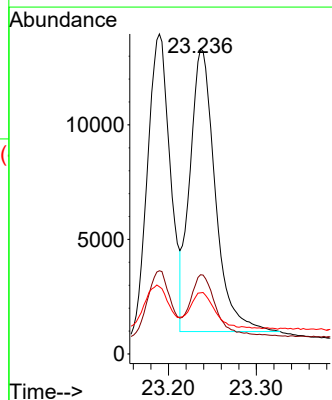
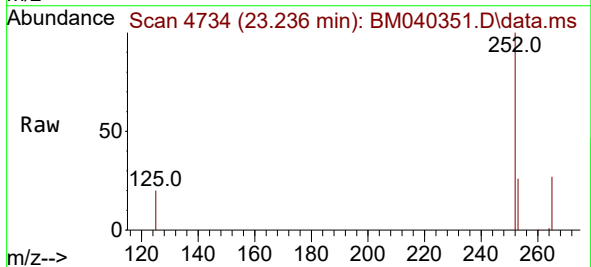
Instrument :
BNA_M
ClientSampleId :
SICV028

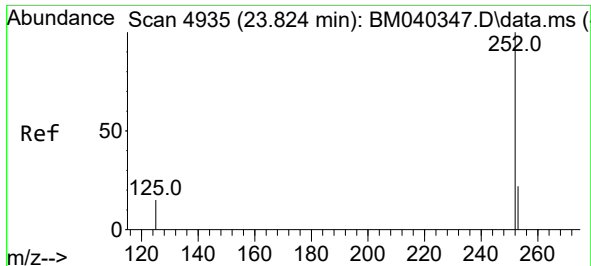
Tgt Ion:252 Resp: 24560
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 21.0 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.452 ng/ul
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:252 Resp: 24755
Ion Ratio Lower Upper
252 100
253 25.9 21.2 31.8
125 20.0 16.4 24.6

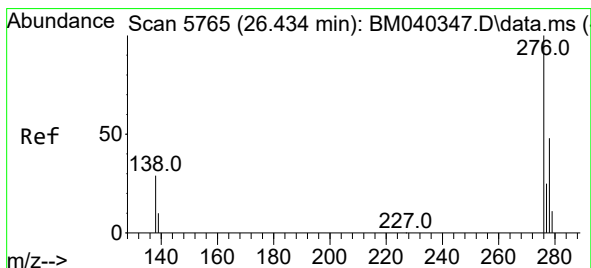
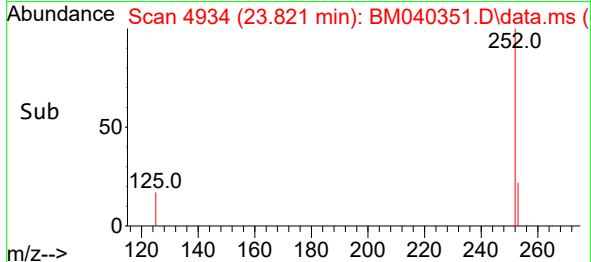
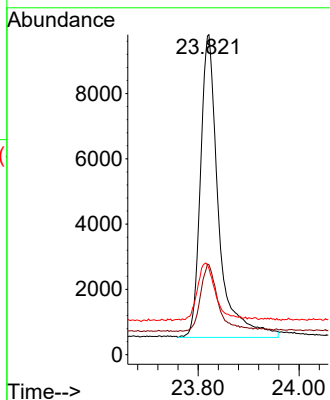
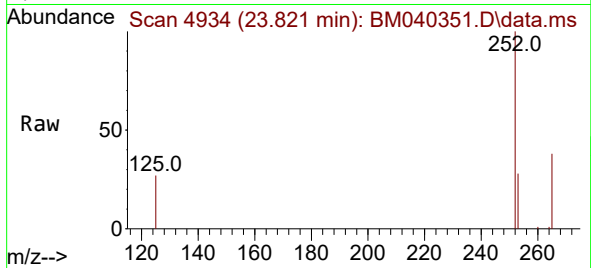




#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.821 min Scan# 4935
Delta R.T. -0.003 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

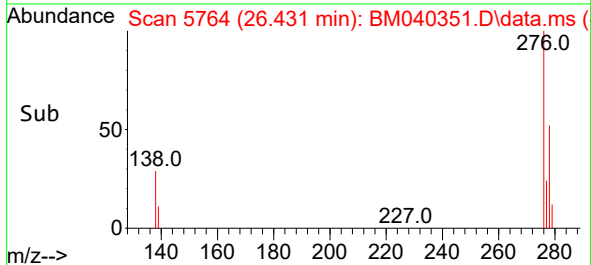
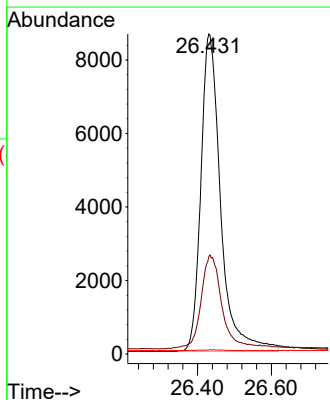
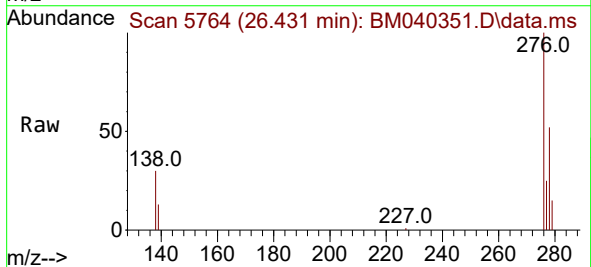
Instrument :
BNA_M
ClientSampleId :
SICV028

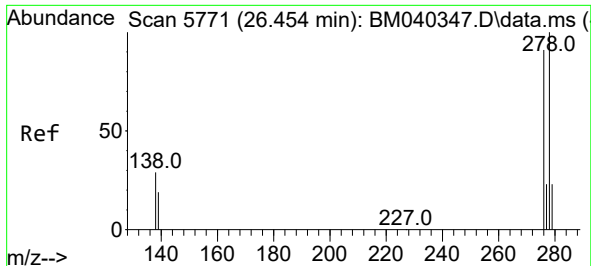
Tgt Ion:	252	Resp:	22998
Ion Ratio	Lower	Upper	
252	100		
253	28.1	22.9	34.3
125	27.0	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.461 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:	276	Resp:	32183
Ion Ratio	Lower	Upper	
276	100		
138	31.5	24.5	36.7
227	0.1	0.1	0.1#

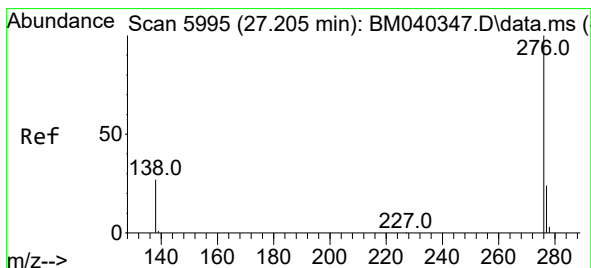
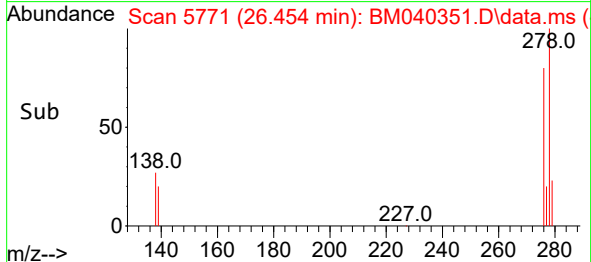
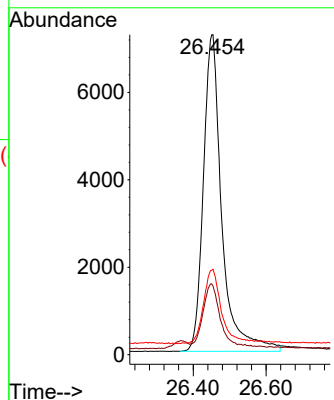
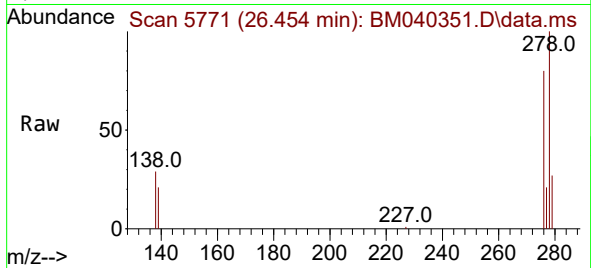




#28
Dibenzo(a,h)anthracene
Concen: 0.464 ng/ul
RT: 26.454 min Scan# 5771
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:278 Resp: 25376
Ion Ratio Lower Upper
278 100
139 21.4 17.9 26.9
279 26.7 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040351.D
Acq: 22 Jun 2023 16:35

Tgt Ion:276 Resp: 27749
Ion Ratio Lower Upper
276 100
138 28.1 23.0 34.6
277 24.6 20.3 30.5

