

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
 Data File : BM033891.D
 Acq On : 27 Jan 2022 04:03
 Operator : CG/JU
 Sample : PB142286BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS286

Quant Time: Jan 27 04:43:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

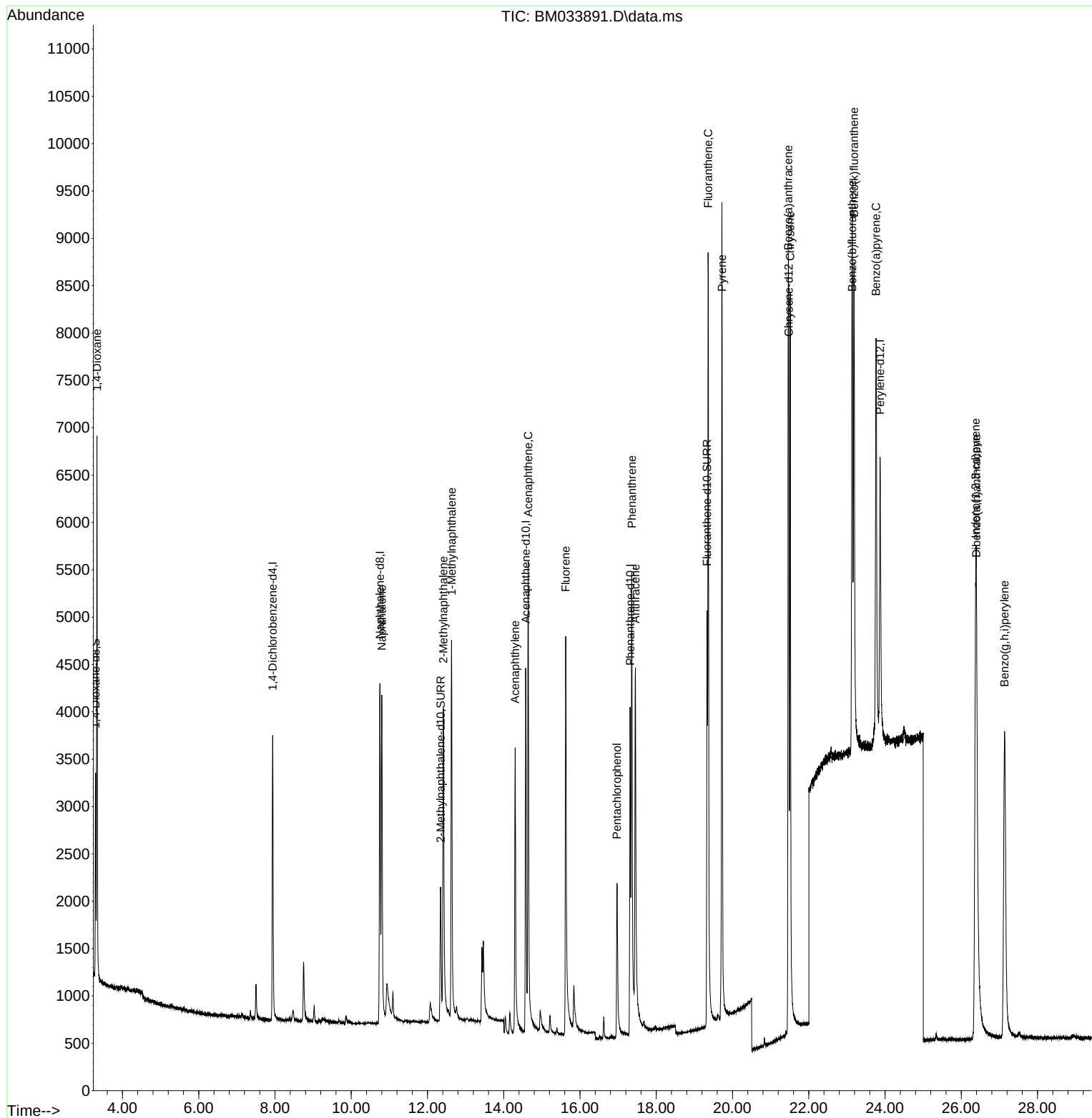
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	1663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	5621	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	2515	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	5131	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	4550	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	4606	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1281	0.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	2699	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	5524	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	3310	1.819	ng/ul#	78
5) Naphthalene	10.801	128	5583	0.361	ng/ul#	91
7) 2-Methylnaphthalene	12.416	142	3266	0.325	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	3179	0.323	ng/ul	99
10) Acenaphthylene	14.299	152	4602	0.409	ng/ul	94
11) Acenaphthene	14.640	153	3377	0.375	ng/ul	94
12) Fluorene	15.626	166	3900	0.380	ng/ul	99
14) Pentachlorophenol	16.969	266	1517	0.643	ng/ul	98
15) Phenanthrene	17.358	178	6350	0.389	ng/ul	98
16) Anthracene	17.451	178	5641	0.369	ng/ul	95
19) Fluoranthene	19.360	202	7906	0.381	ng/ul	99
20) Pyrene	19.723	202	8215	0.387	ng/ul#	95
21) Benzo(a)anthracene	21.460	228	6772	0.364	ng/ul	99
22) Chrysene	21.513	228	7973	0.404	ng/ul	97
24) Benzo(b)fluoranthene	23.138	252	7928	0.383	ng/ul	93
25) Benzo(k)fluoranthene	23.187	252	8314	0.401	ng/ul#	92
26) Benzo(a)pyrene	23.766	252	7831	0.436	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.375	276	9541	0.400	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.400	278	7628	0.405	ng/ul	95
29) Benzo(g,h,i)perylene	27.136	276	8685	0.429	ng/ul#	94

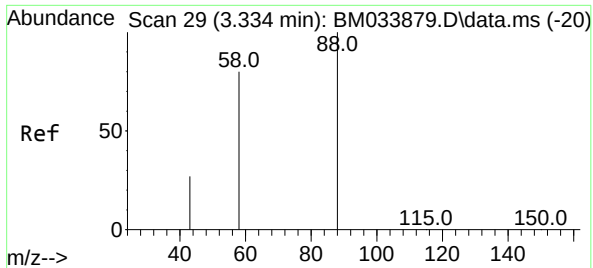
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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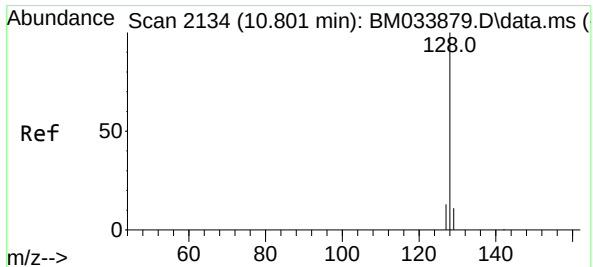
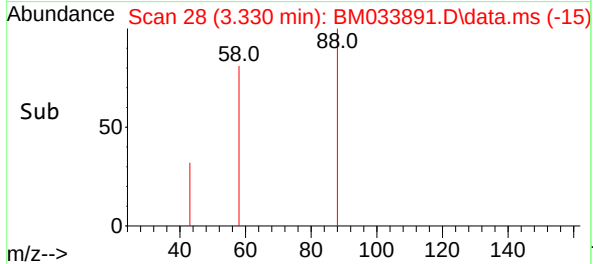
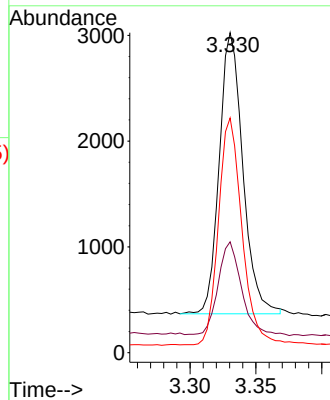
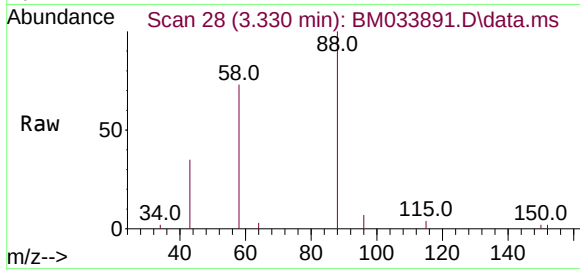




#2
1,4-Dioxane
Concen: 1.819 ng/ul
RT: 3.330 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

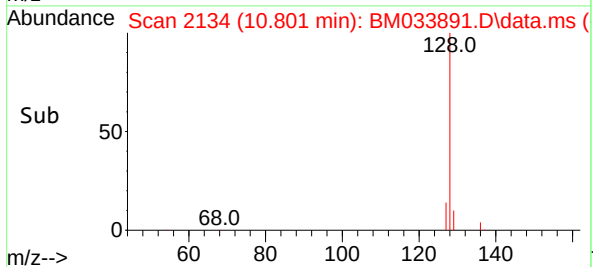
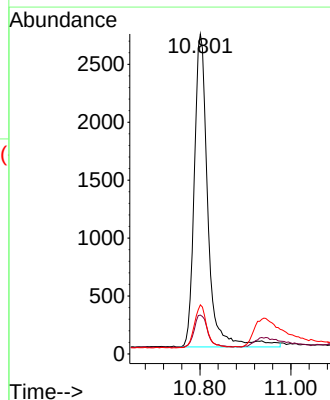
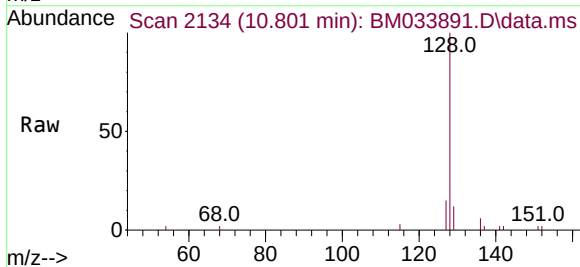
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SLCS286

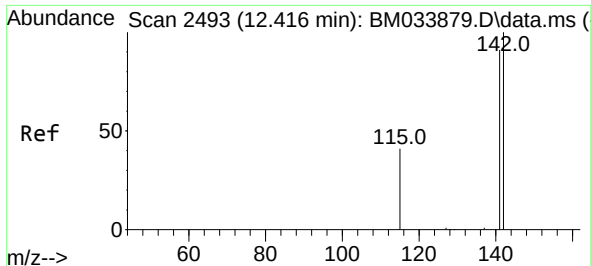
Tgt Ion: 88 Resp: 3310
Ion Ratio Lower Upper
88 100
43 34.6 49.7 74.5#
58 73.4 52.5 78.7



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.801 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion: 128 Resp: 5583
Ion Ratio Lower Upper
128 100
129 12.1 13.4 20.2#
127 15.4 15.2 22.8

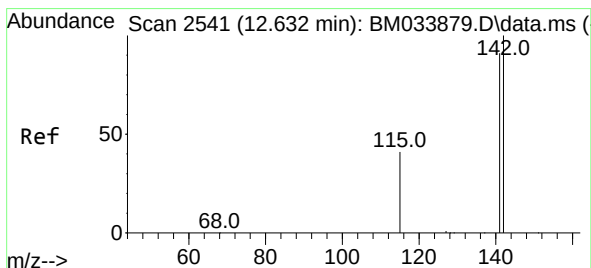
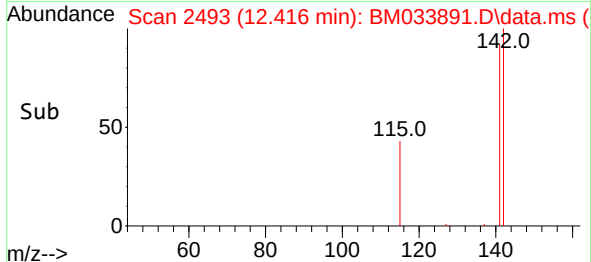
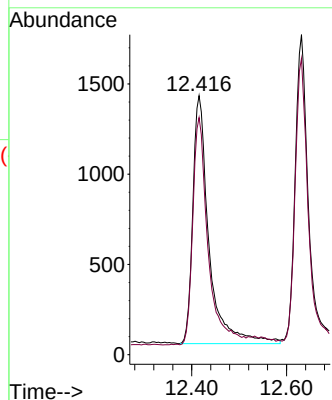
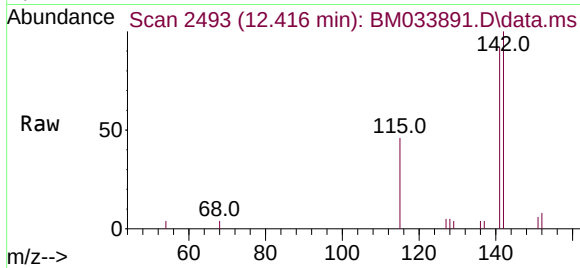




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

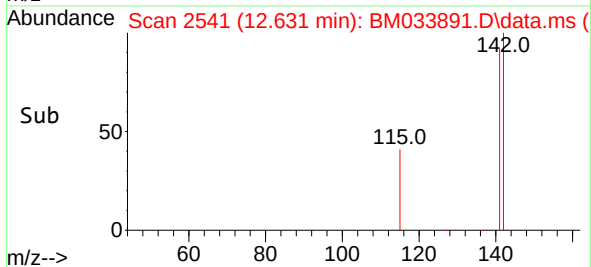
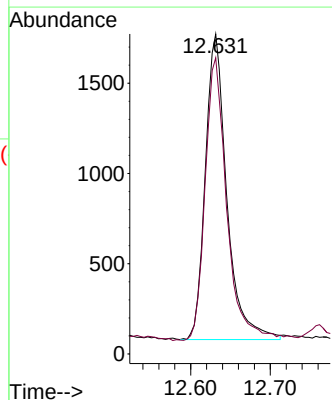
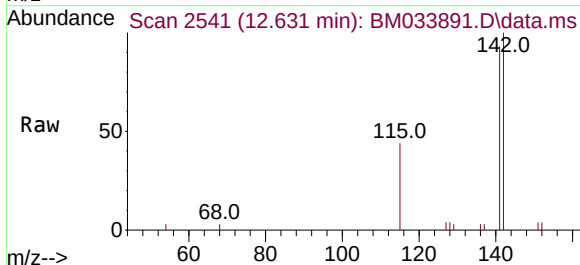
Instrument :
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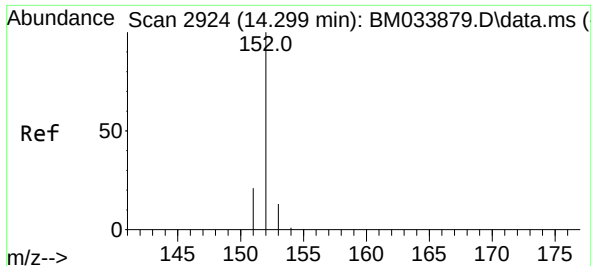
Tgt Ion:142 Resp: 3266
Ion Ratio Lower Upper
142 100
141 91.8 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.631 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:142 Resp: 3179
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4

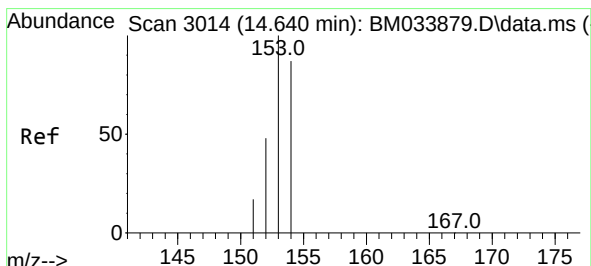
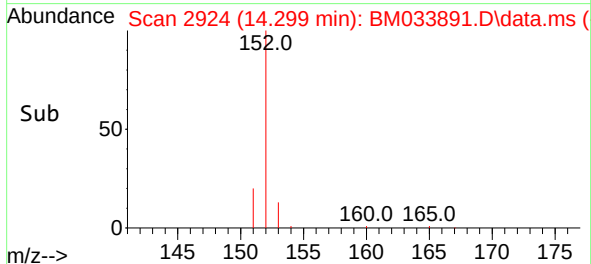
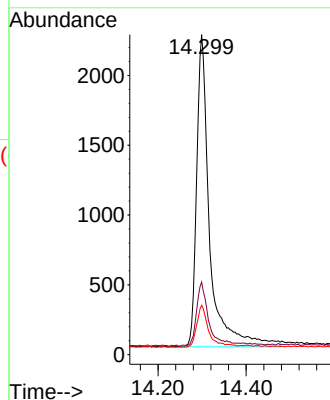
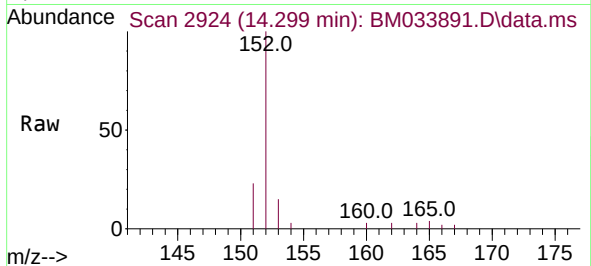




#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.299 min Scan# 2924
Delta R.T. -0.004 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

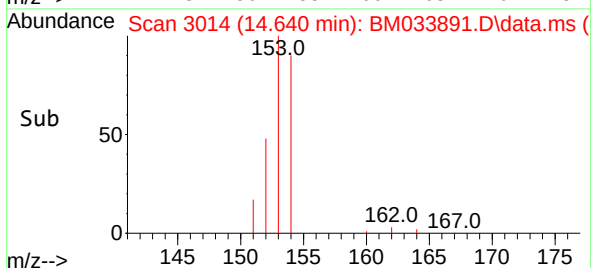
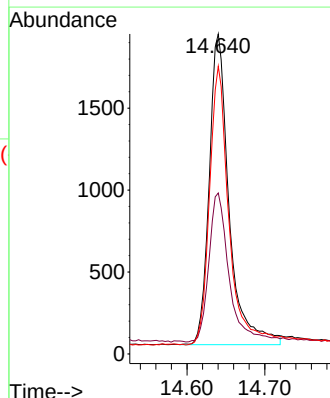
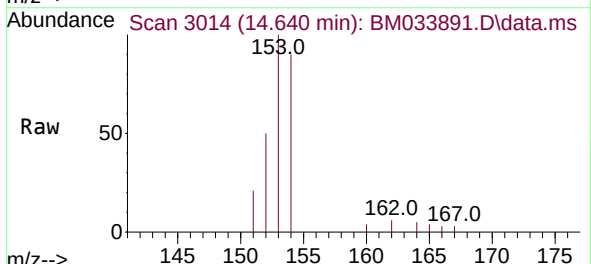
Instrument :
BNA_M
ClientSampleId :
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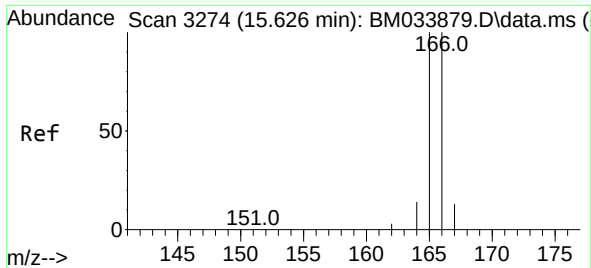
Tgt Ion:	152	Resp:	4602
Ion Ratio	Lower	Upper	
152	100		
151	22.7	19.9	29.9
153	15.4	15.0	22.4



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.640 min Scan# 3014
Delta R.T. -0.004 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:	153	Resp:	3377
Ion Ratio	Lower	Upper	
153	100		
152	50.3	42.4	63.6
154	89.9	66.2	99.2

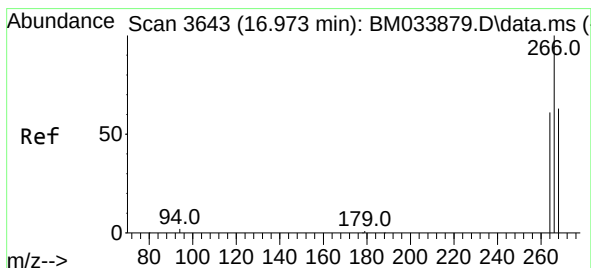
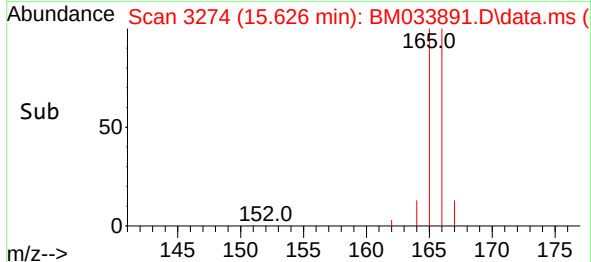
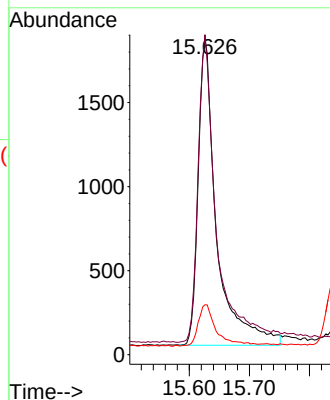
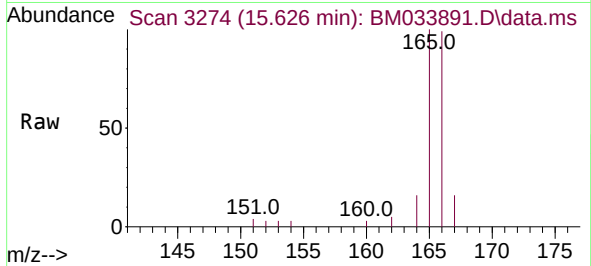




#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

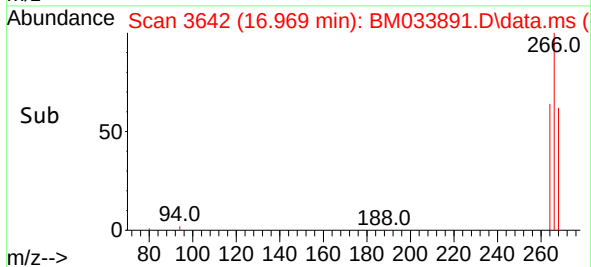
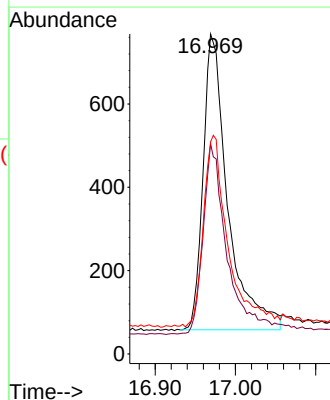
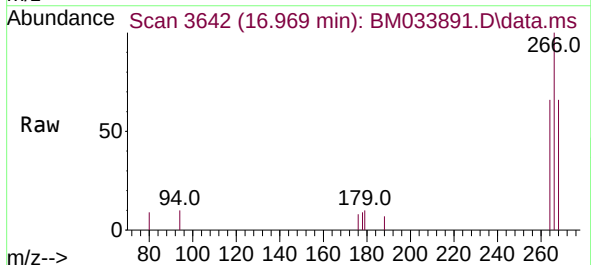
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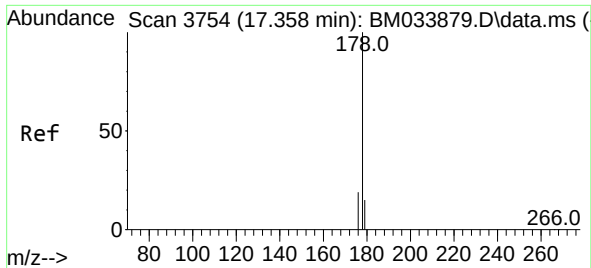
Tgt Ion:166 Resp: 3900
Ion Ratio Lower Upper
166 100
165 101.3 81.1 121.7
167 15.8 14.9 22.3



#14
Pentachlorophenol
Concen: 0.643 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:266 Resp: 1517
Ion Ratio Lower Upper
266 100
264 62.8 51.4 77.0
268 64.4 53.1 79.7

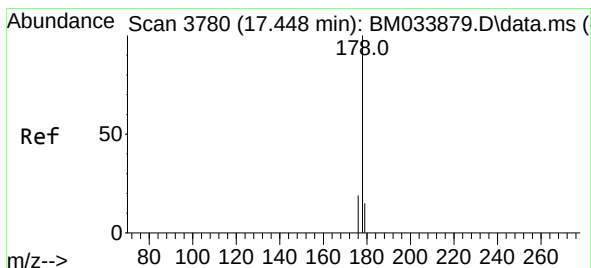
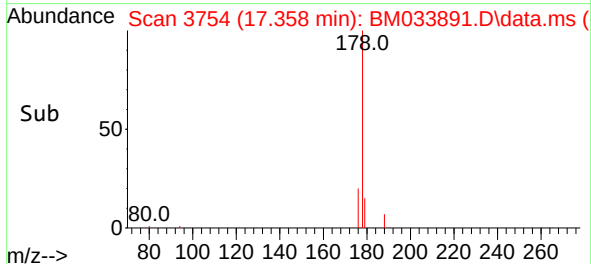
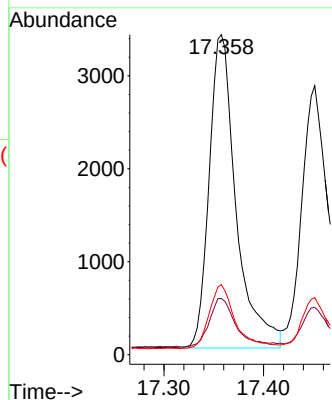
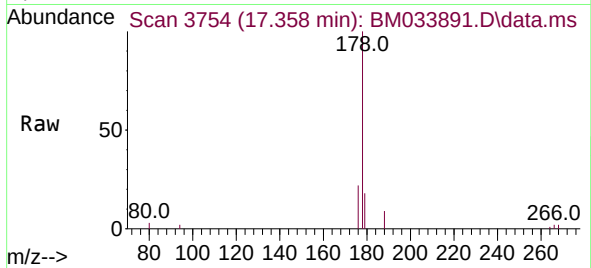




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

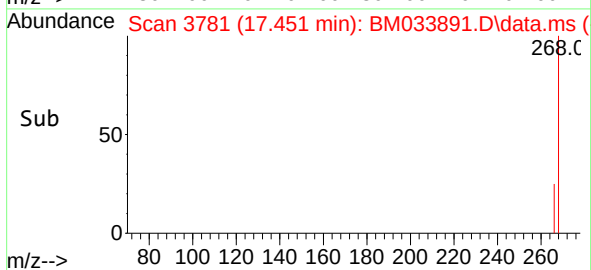
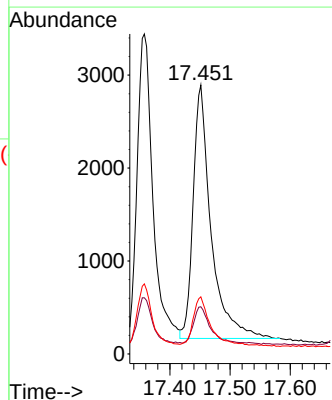
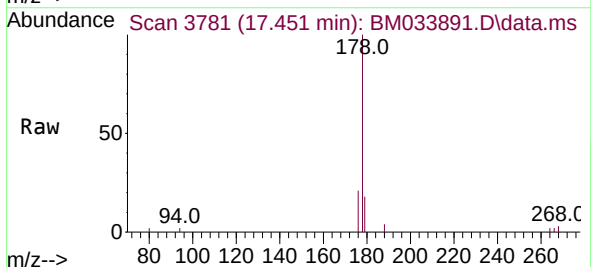
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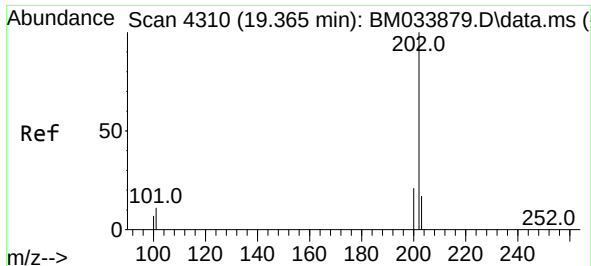
Tgt Ion:	178	Resp:	6350
Ion Ratio	Lower	Upper	
178	100		
179	17.5	15.0	22.6
176	21.9	17.9	26.9



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:	178	Resp:	5641
Ion Ratio	Lower	Upper	
178	100		
179	17.6	16.5	24.7
176	21.2	18.3	27.5

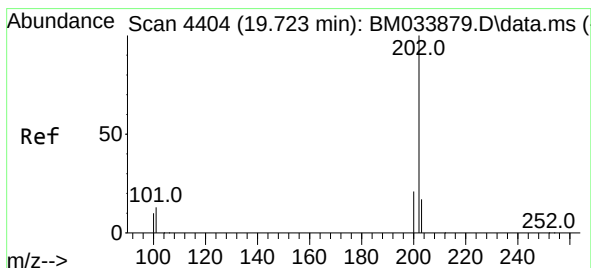
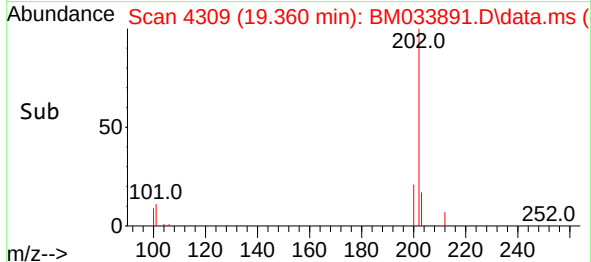
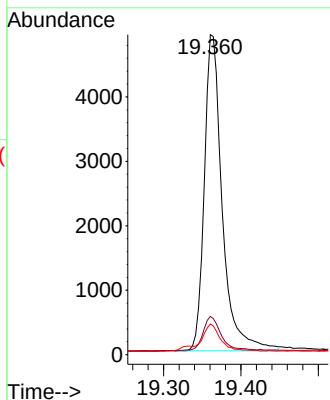
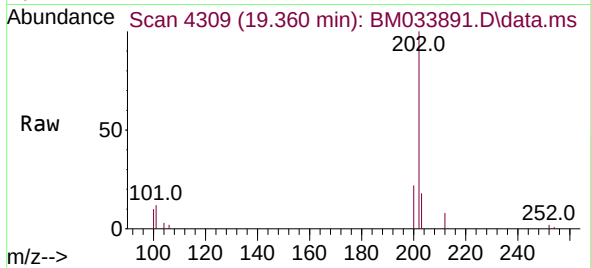




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.360 min Scan# 4310
Delta R.T. -0.008 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

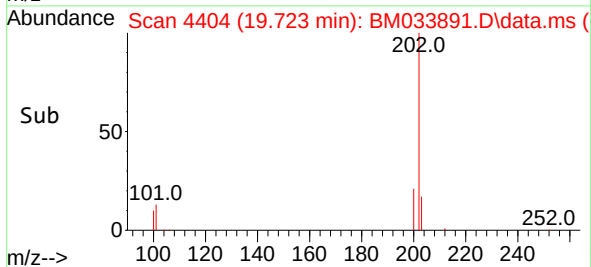
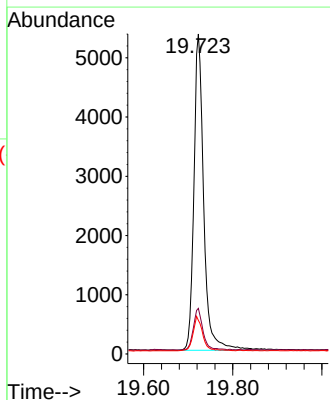
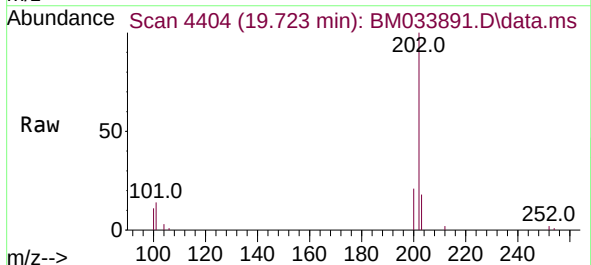
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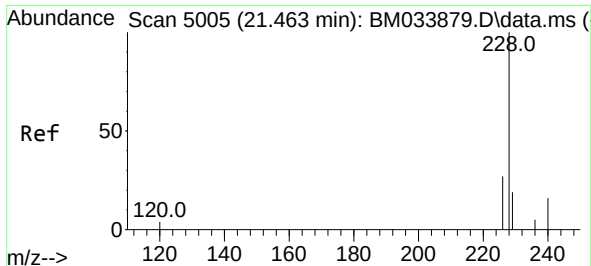
Tgt Ion:202 Resp: 7906
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.6 7.2 10.8



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.723 min Scan# 4404
Delta R.T. -0.004 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:202 Resp: 8215
Ion Ratio Lower Upper
202 100
101 14.3 9.3 13.9#
100 10.5 7.8 11.6

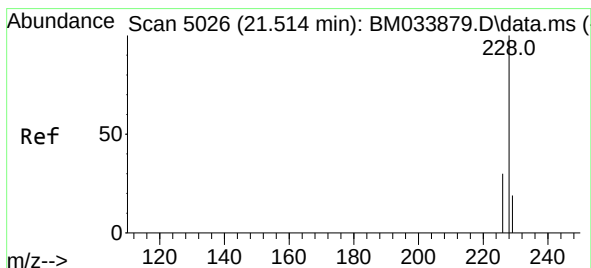
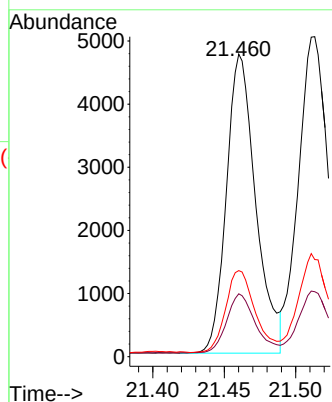
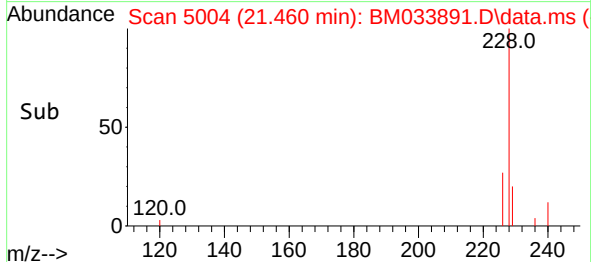
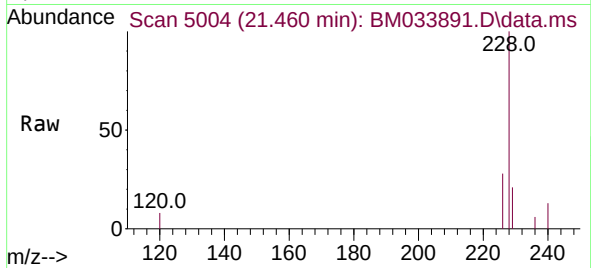




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.460 min Scan# 5005
Delta R.T. -0.008 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

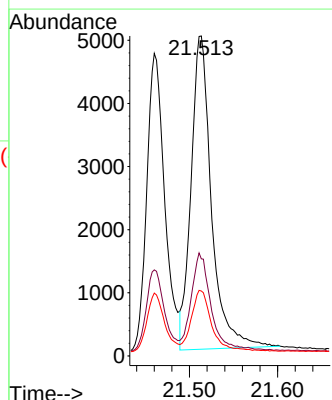
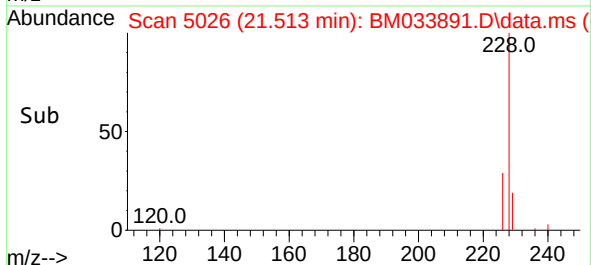
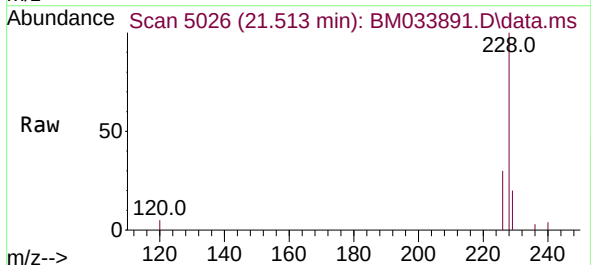
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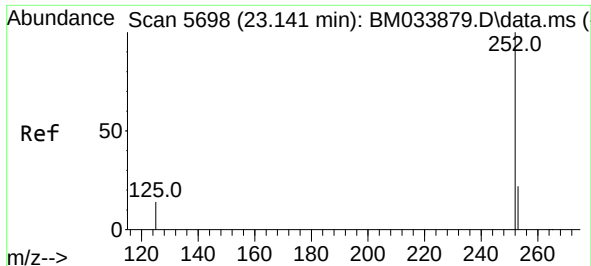
Tgt Ion:228 Resp: 6772
Ion Ratio Lower Upper
228 100
229 20.8 17.3 25.9
226 28.4 23.2 34.8



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.513 min Scan# 5026
Delta R.T. -0.008 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:228 Resp: 7973
Ion Ratio Lower Upper
228 100
226 30.3 25.8 38.8
229 20.3 16.7 25.1

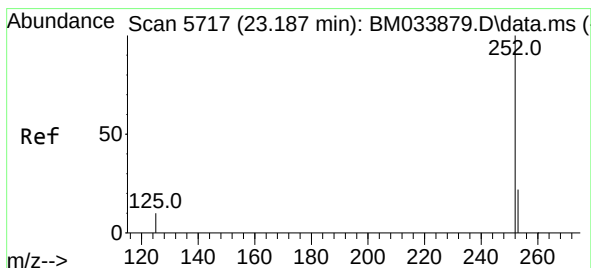
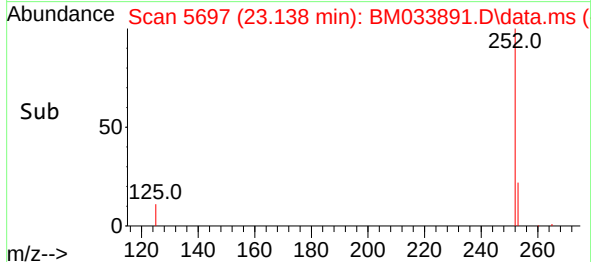
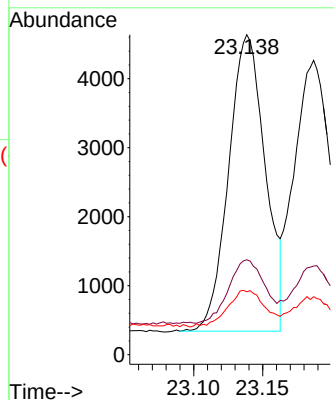
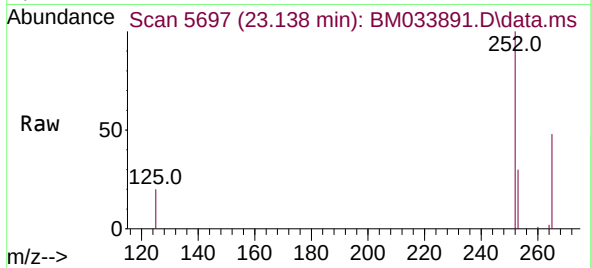




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.138 min Scan# 5697
Delta R.T. -0.013 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

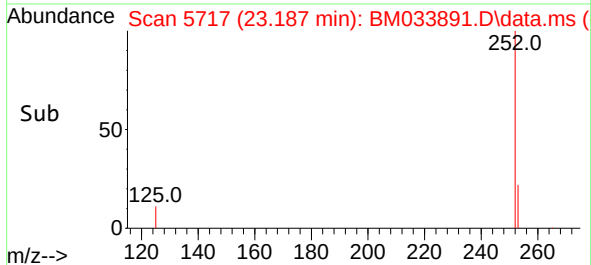
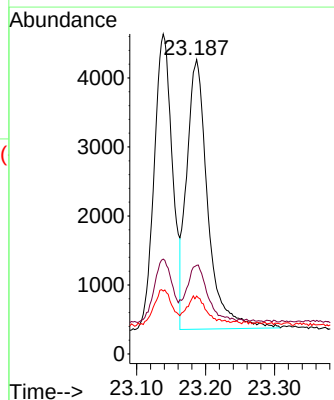
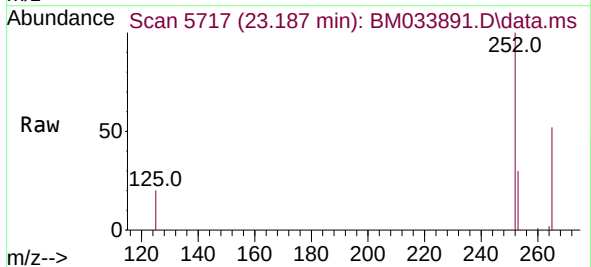
Instrument :
BNA_M
ClientSampleId :
SLCS286

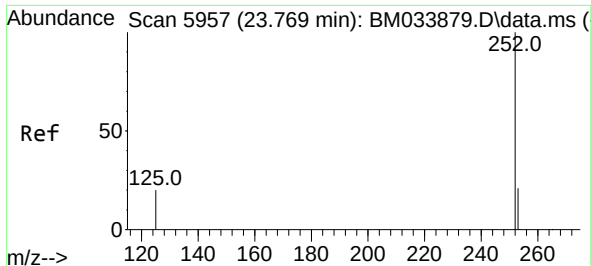
Tgt Ion:252 Resp: 7928
Ion Ratio Lower Upper
252 100
253 29.7 0.0 64.2
125 19.7 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.187 min Scan# 5717
Delta R.T. -0.013 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:252 Resp: 8314
Ion Ratio Lower Upper
252 100
253 30.1 26.8 40.2
125 19.7 12.0 18.0#

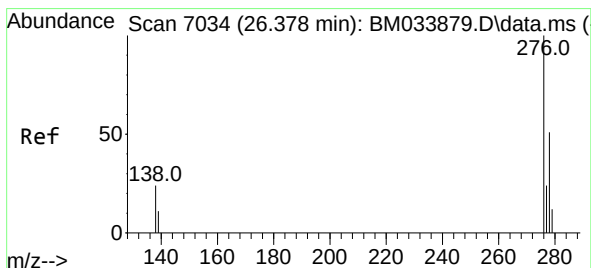
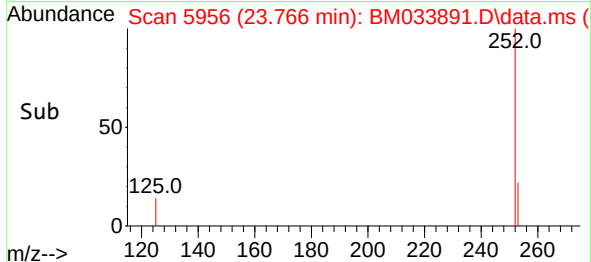
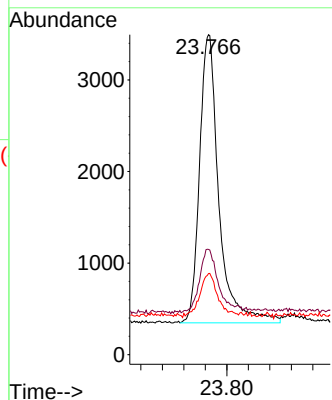
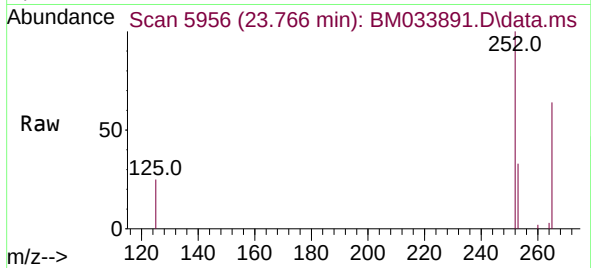




#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.766 min Scan# 5957
Delta R.T. -0.013 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

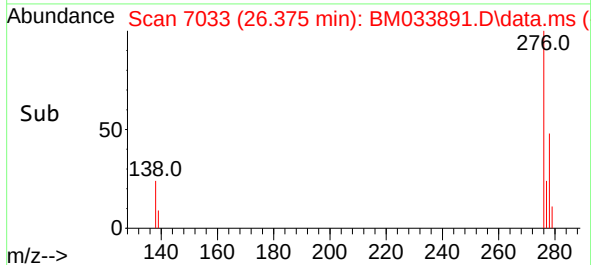
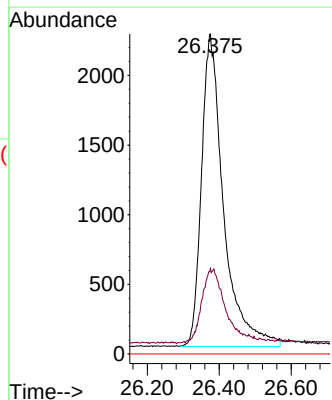
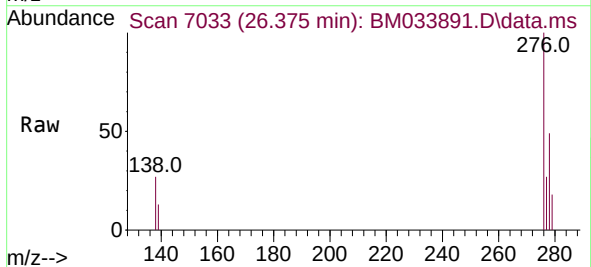
Instrument :
BNA_M
ClientSampleId :
SLCS286

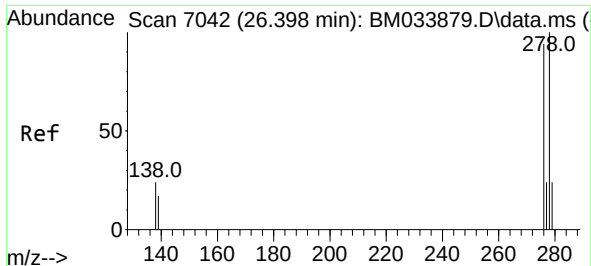
Tgt Ion:252 Resp: 7831
Ion Ratio Lower Upper
252 100
253 32.9 32.0 48.0
125 25.4 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.375 min Scan# 7033
Delta R.T. -0.020 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:276 Resp: 9541
Ion Ratio Lower Upper
276 100
138 25.3 15.8 23.6#
227 0.0 0.0 0.0

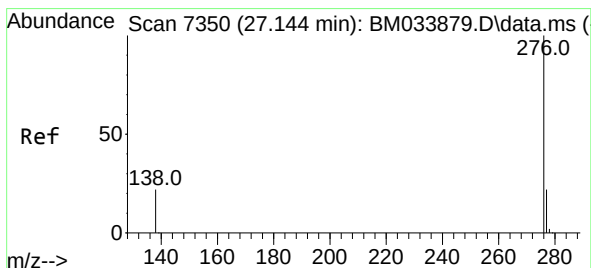
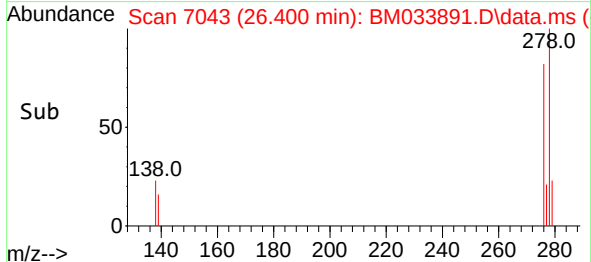
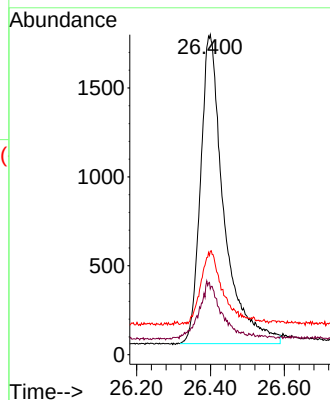
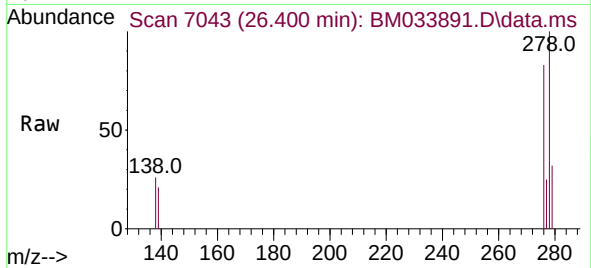




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.400 min Scan# 7042
Delta R.T. -0.013 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Instrument :
BNA_M
ClientSampleId :
SLCS286

Tgt Ion:278 Resp: 7628
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 32.3 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.136 min Scan# 7347
Delta R.T. -0.027 min
Lab File: BM033891.D
Acq: 27 Jan 2022 04:03

Tgt Ion:276 Resp: 8685
Ion Ratio Lower Upper
276 100
138 26.1 17.4 26.0#
277 26.1 22.6 33.8

