

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033094.D
 Acq On : 15 Nov 2021 00:10
 Operator : CG/JU
 Sample : PB140656BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS656

Quant Time: Nov 15 04:07:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

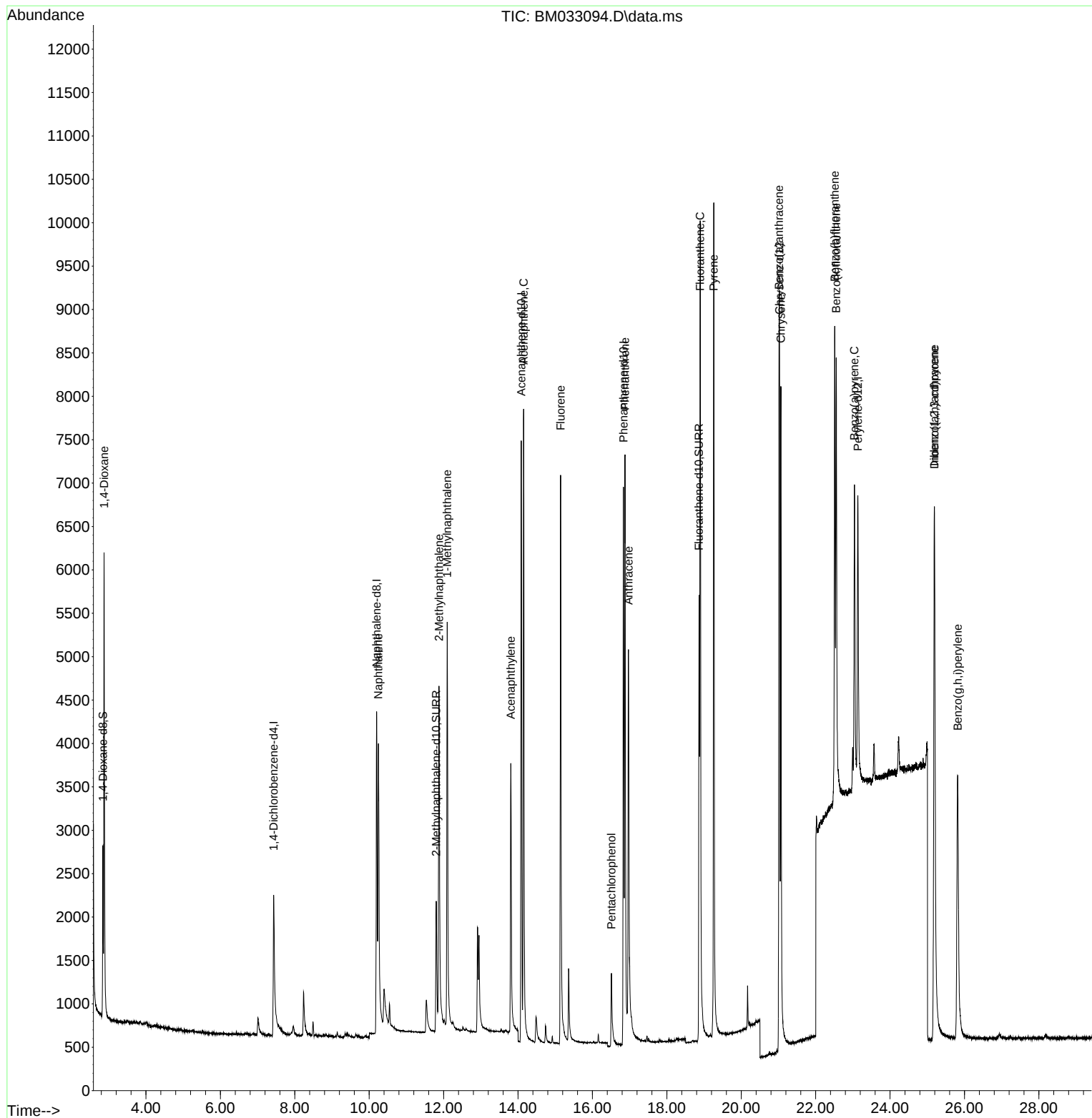
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	1496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.199	136	6188	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.087	164	3961	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.834	188	7829	0.400	ng/ul	0.00
17) Chrysene-d12	21.030	240	5606	0.400	ng/ul	0.00
23) Perylene-d12	23.134	264	4511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.843	96	1203	0.630	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.800	152	2768	0.315	ng/ul	0.00
18) Fluoranthene-d10	18.865	212	6205	0.365	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.874	88	3393	1.729	ng/ul#	89
5) Naphthalene	10.248	128	5624	0.313	ng/ul	99
7) 2-Methylnaphthalene	11.876	142	3748	0.301	ng/ul	99
8) 1-Methylnaphthalene	12.097	142	3642	0.299	ng/ul	100
10) Acenaphthylene	13.806	152	5039	0.293	ng/ul	98
11) Acenaphthene	14.152	153	4513	0.300	ng/ul	99
12) Fluorene	15.145	166	5073	0.286	ng/ul	99
14) Pentachlorophenol	16.508	266	828	0.406	ng/ul	98
15) Phenanthrene	16.876	178	7933	0.305	ng/ul	99
16) Anthracene	16.970	178	6527	0.285	ng/ul	99
19) Fluoranthene	18.896	202	9035	0.344	ng/ul	99
20) Pyrene	19.262	202	9260	0.338	ng/ul	100
21) Benzo(a)anthracene	21.015	228	6260	0.302	ng/ul	99
22) Chrysene	21.066	228	7533	0.323	ng/ul	99
24) Benzo(b)fluoranthene	22.512	252	6529	0.315	ng/ul	96
25) Benzo(k)fluoranthene	22.553	252	7479	0.337	ng/ul	95
26) Benzo(a)pyrene	23.042	252	5449	0.319	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.189	276	7001	0.357	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.194	278	5583	0.359	ng/ul	95
29) Benzo(g,h,i)perylene	25.816	276	6514	0.382	ng/ul	99

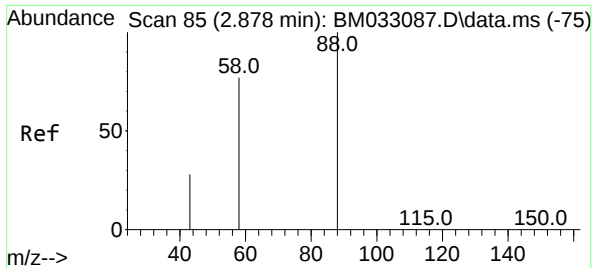
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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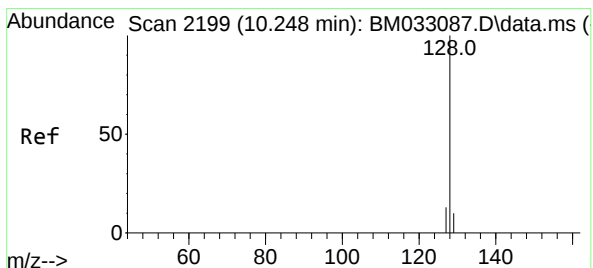
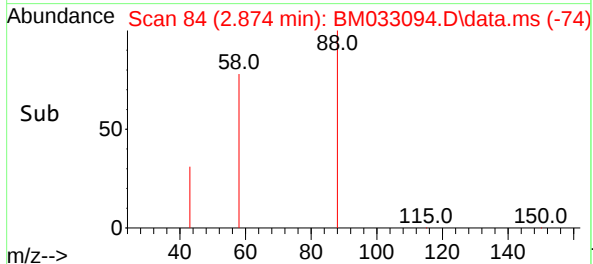
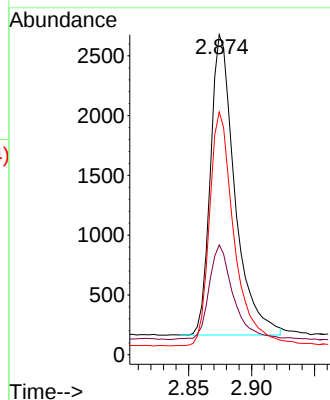
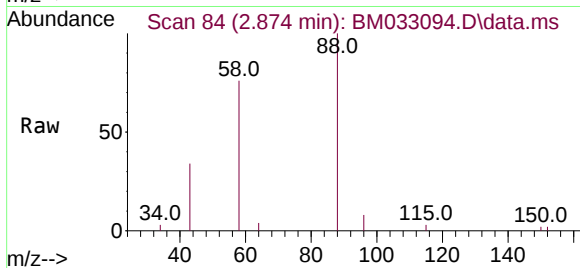




#2
1,4-Dioxane
Concen: 1.729 ng/ul
RT: 2.874 min Scan# 84
Delta R.T. -0.014 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

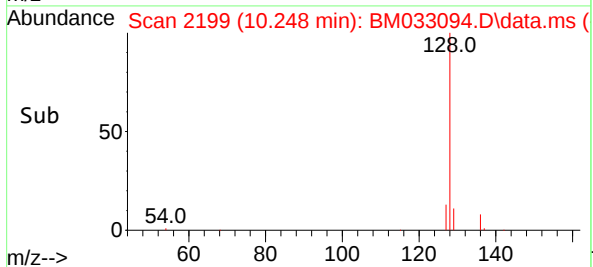
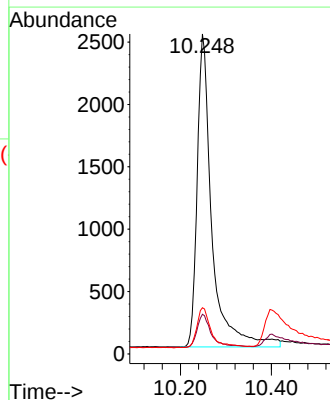
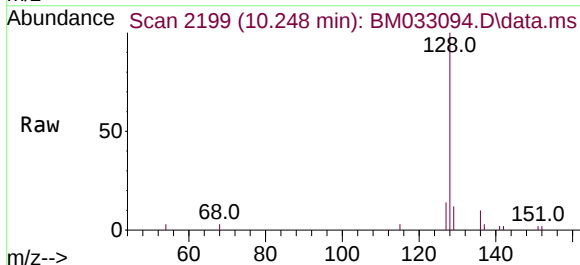
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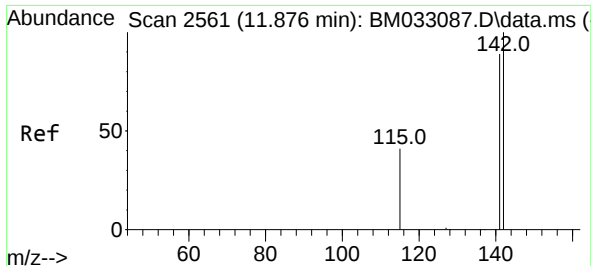
Tgt Ion: 88 Resp: 3393
Ion Ratio Lower Upper
88 100
43 34.3 35.8 53.8#
58 75.8 55.8 83.8



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.248 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion: 128 Resp: 5624
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.5 11.8 17.8

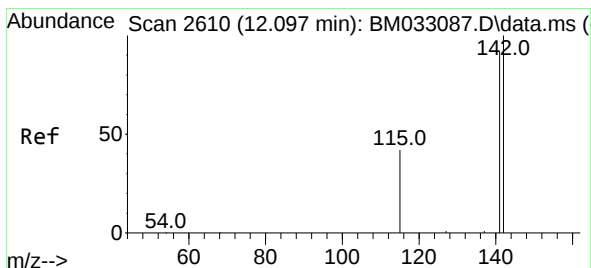
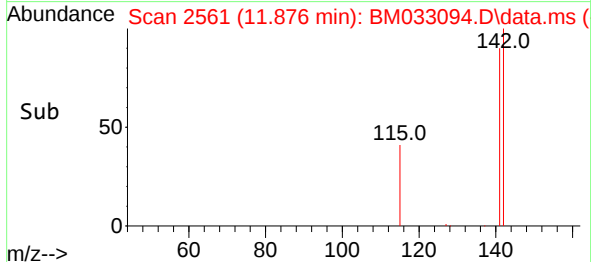
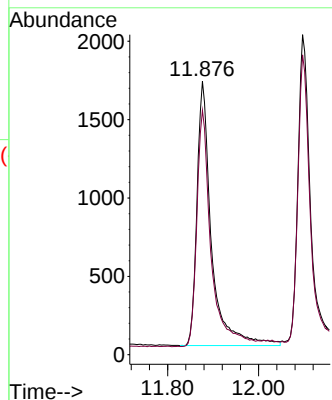
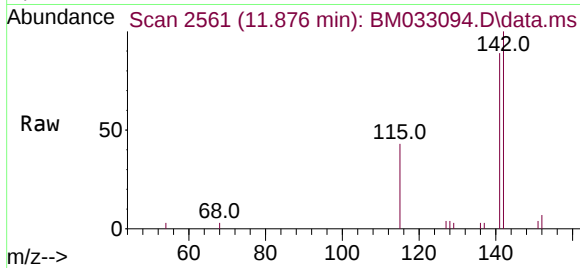




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.009 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

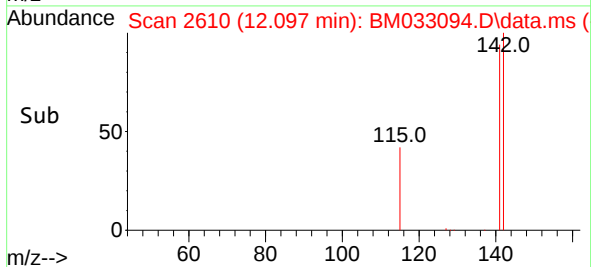
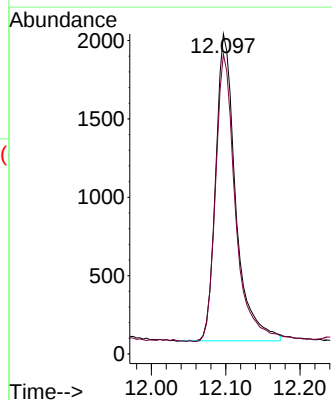
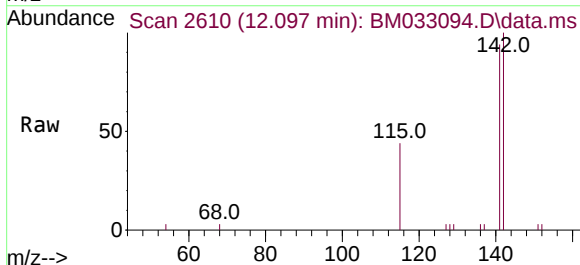
Instrument :
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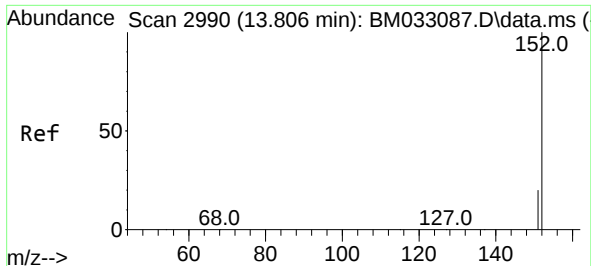
Tgt Ion:142 Resp: 3748
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.009 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:142 Resp: 3642
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7

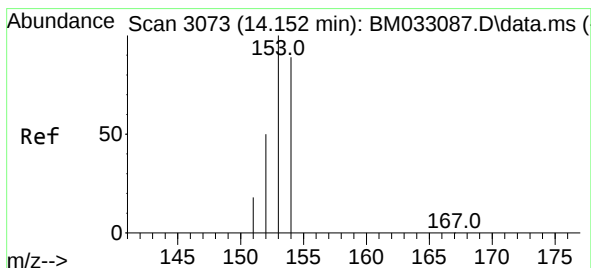
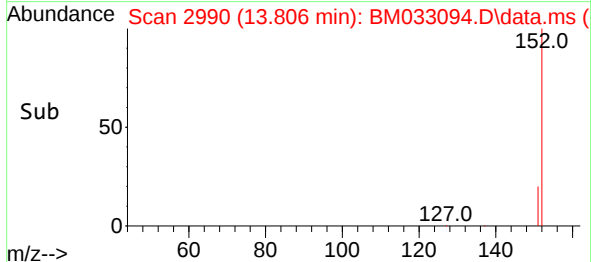
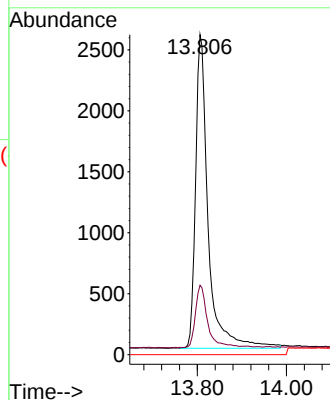
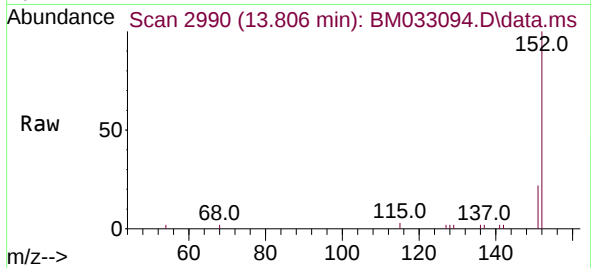




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 13.806 min Scan# 2990
Delta R.T. -0.009 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

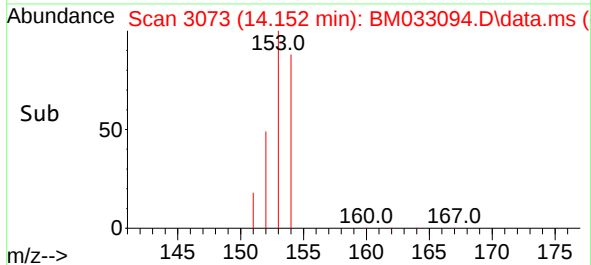
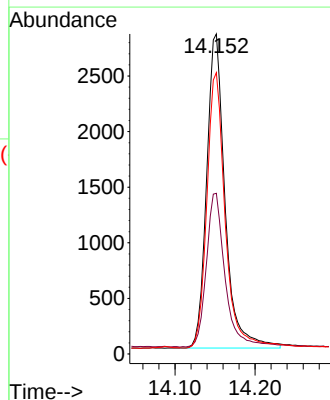
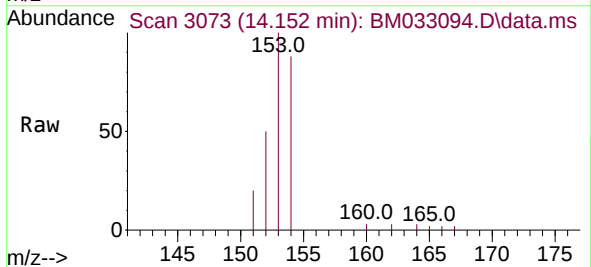
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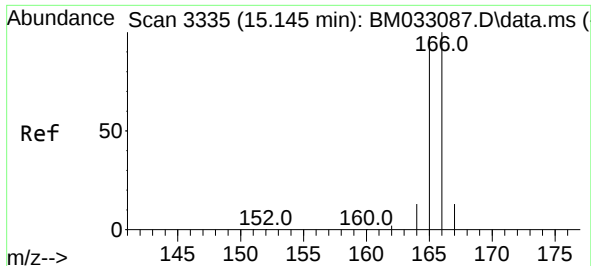
Tgt Ion:152 Resp: 5039
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.152 min Scan# 3073
Delta R.T. -0.008 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:153 Resp: 4513
Ion Ratio Lower Upper
153 100
152 50.2 40.6 60.8
154 87.9 70.8 106.2

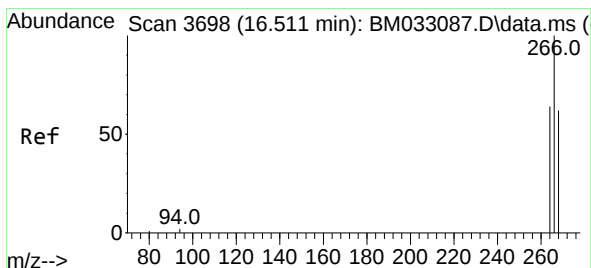
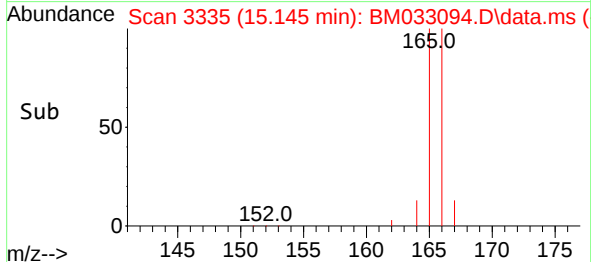
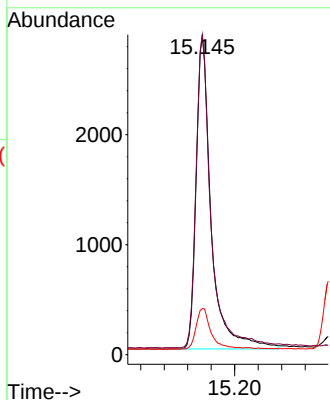
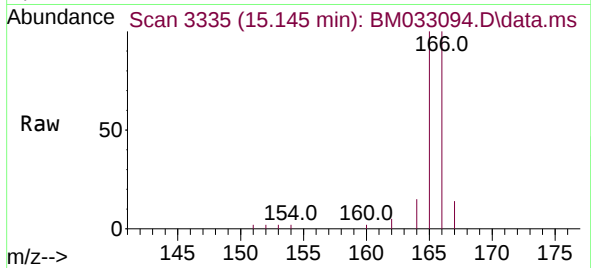




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.145 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

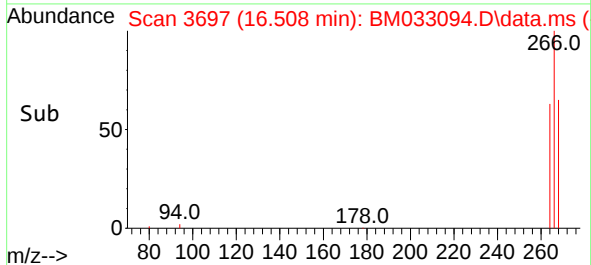
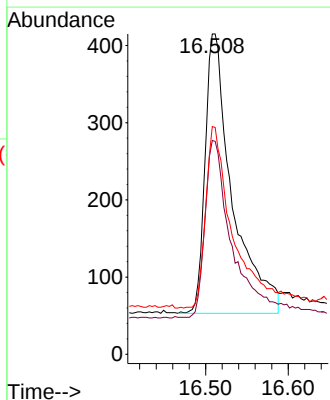
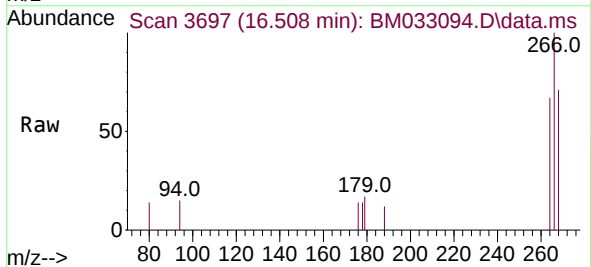
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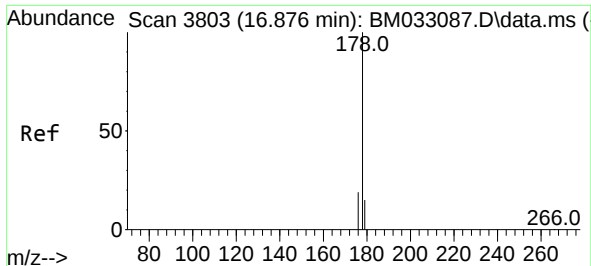
Tgt Ion:	166	Resp:	5073
Ion Ratio	Lower	Upper	
166	100		
165	99.9	80.8	121.2
167	14.4	11.7	17.5



#14
Pentachlorophenol
Concen: 0.406 ng/ul
RT: 16.508 min Scan# 3697
Delta R.T. -0.003 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:	266	Resp:	828
Ion Ratio	Lower	Upper	
266	100		
264	62.2	51.2	76.8
268	64.1	52.9	79.3

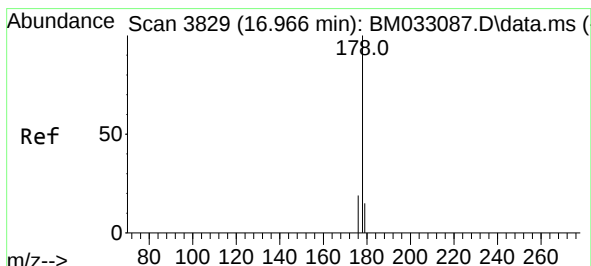
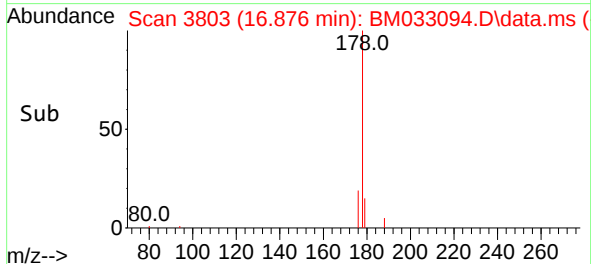
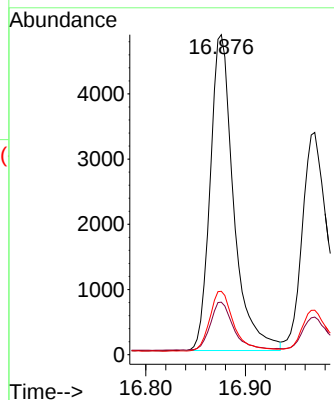
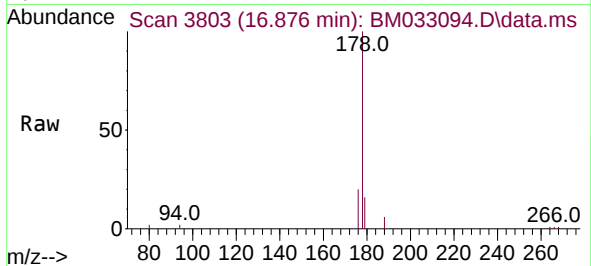




#15
Phenanthrene
Concen: 0.305 ng/u1
RT: 16.876 min Scan# 3803
Delta R.T. -0.007 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

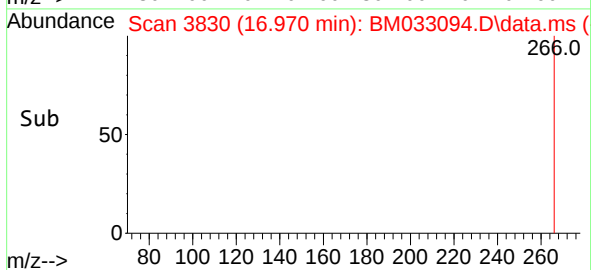
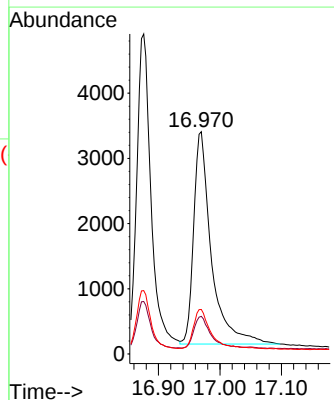
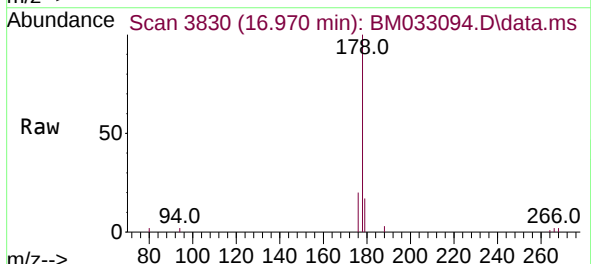
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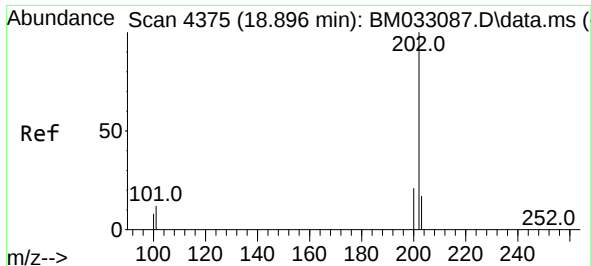
Tgt Ion:	178	Resp:	7933
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	19.8	16.0	24.0



#16
Anthracene
Concen: 0.285 ng/u1
RT: 16.970 min Scan# 3830
Delta R.T. -0.003 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:	178	Resp:	6527
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.0	19.6
176	20.0	15.6	23.4

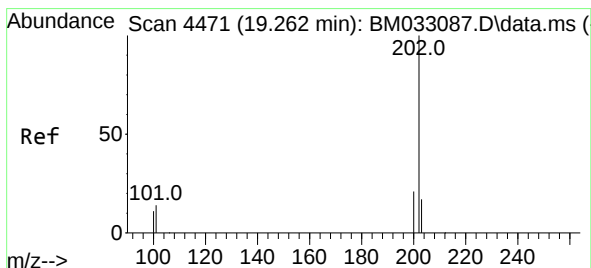
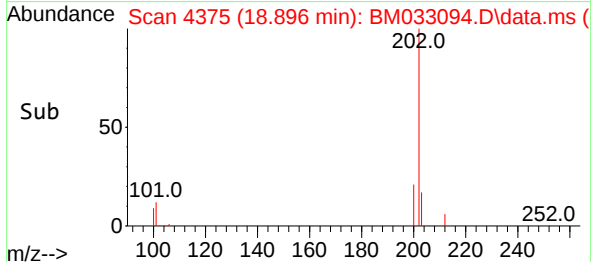
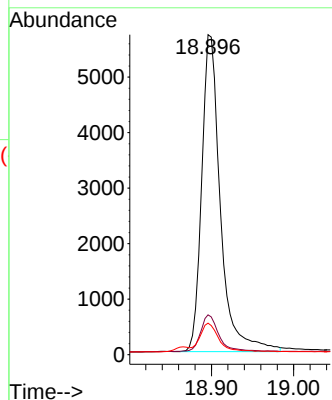
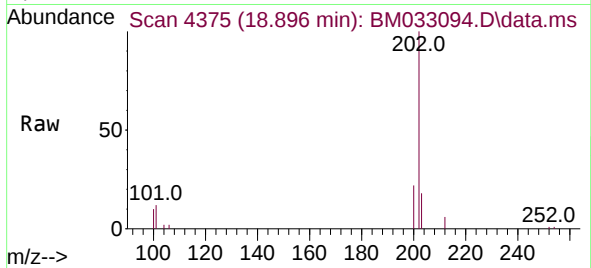




#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 18.896 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

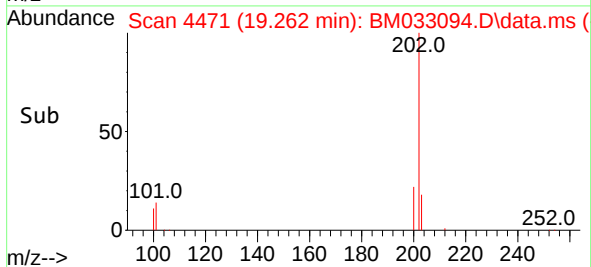
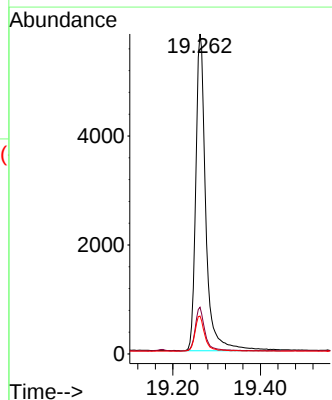
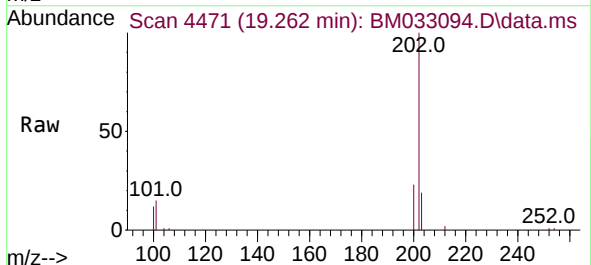
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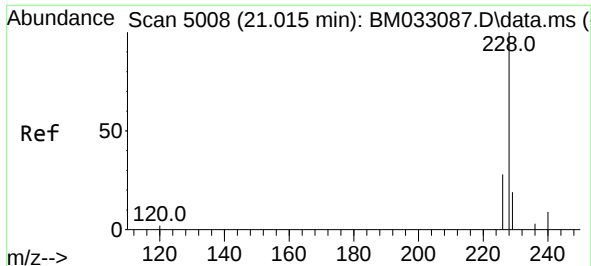
Tgt Ion:	202	Resp:	9035
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.9	14.9
100	9.9	7.3	10.9



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.262 min Scan# 4471
Delta R.T. -0.008 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:	202	Resp:	9260
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.8	17.6
100	11.9	9.5	14.3

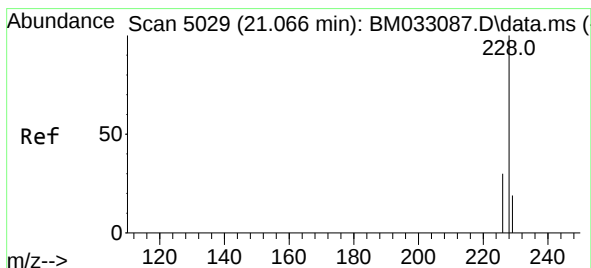
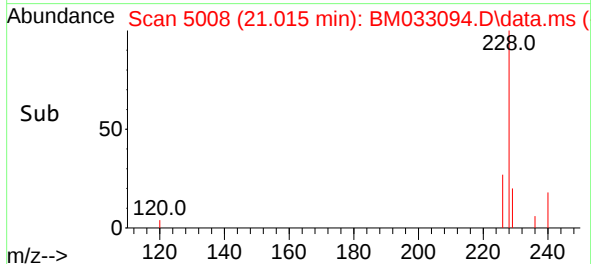
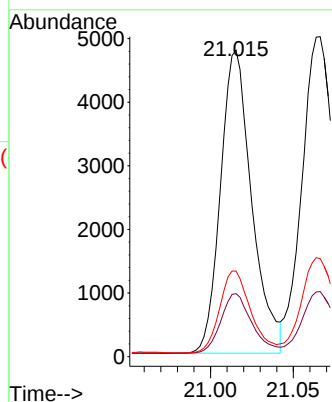
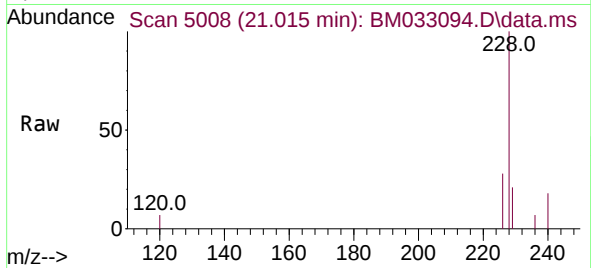




#21
Benzo(a)anthracene
Concen: 0.302 ng/ul
RT: 21.015 min Scan# 5008
Delta R.T. -0.005 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

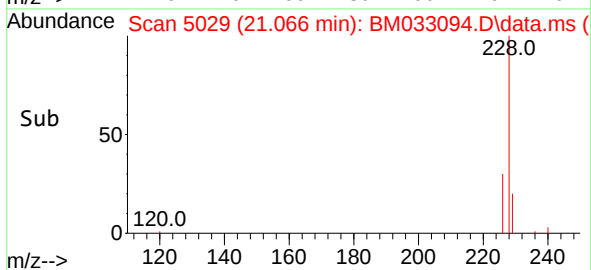
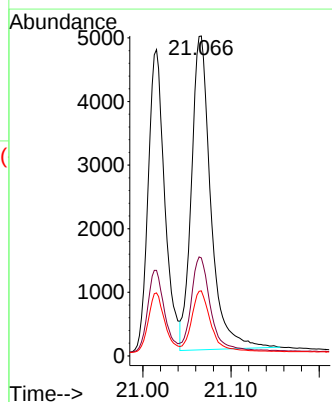
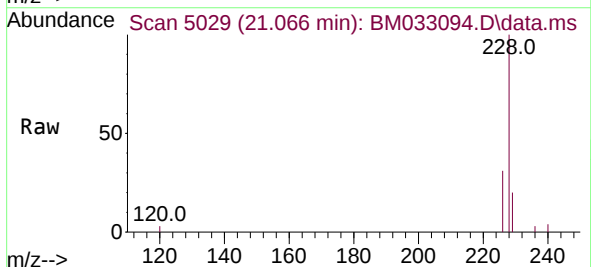
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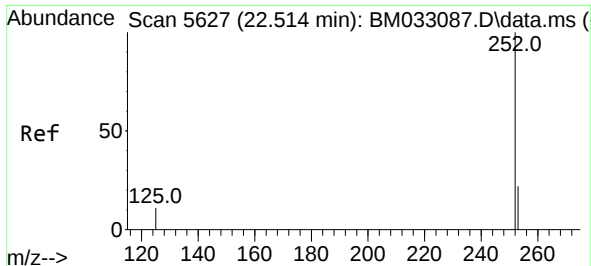
Tgt Ion:228 Resp: 6260
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.0 22.4 33.6



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.066 min Scan# 5029
Delta R.T. -0.005 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:228 Resp: 7533
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.4 16.1 24.1

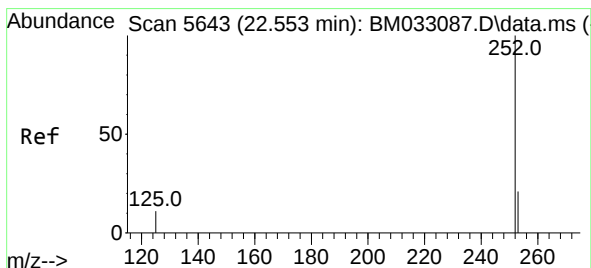
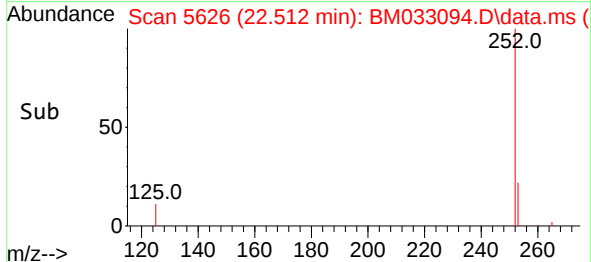
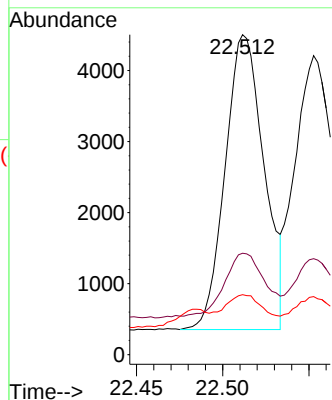
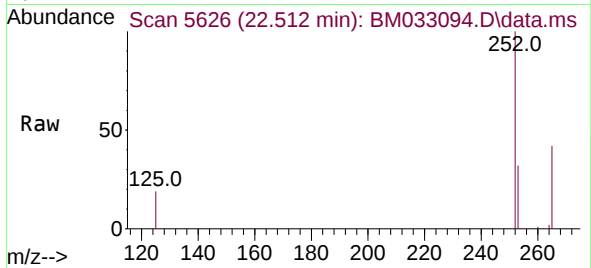




#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 22.512 min Scan# 5629
Delta R.T. -0.008 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

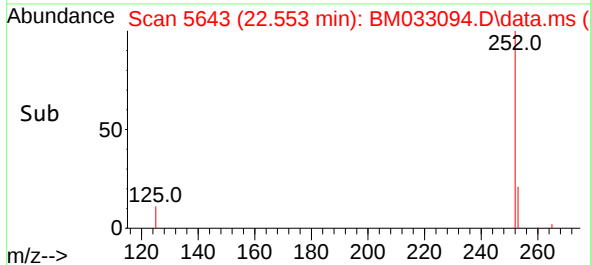
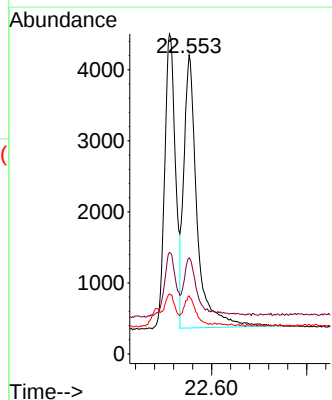
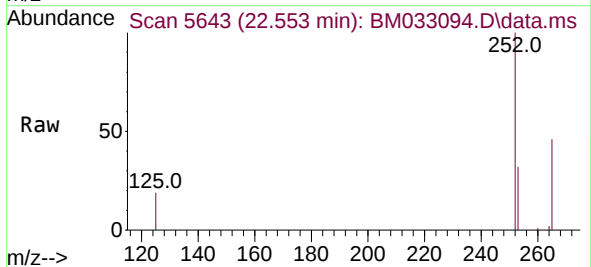
Instrument :
BNA_M
ClientSampleId :
SLCS656

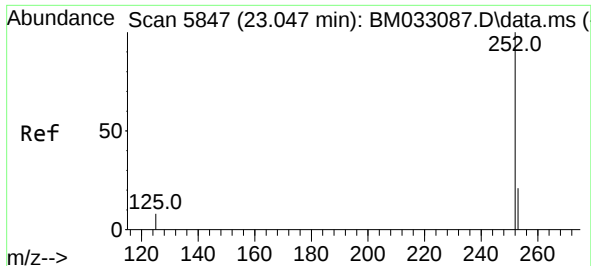
Tgt Ion:252 Resp: 6529
Ion Ratio Lower Upper
252 100
253 31.7 0.0 59.2
125 18.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 22.553 min Scan# 5643
Delta R.T. -0.008 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

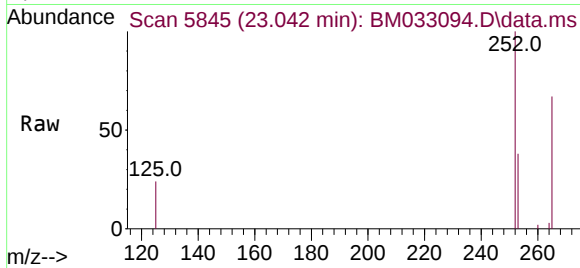
Tgt Ion:252 Resp: 7479
Ion Ratio Lower Upper
252 100
253 32.1 23.1 34.7
125 19.4 14.6 21.8



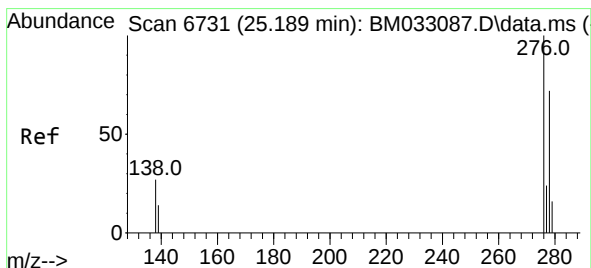
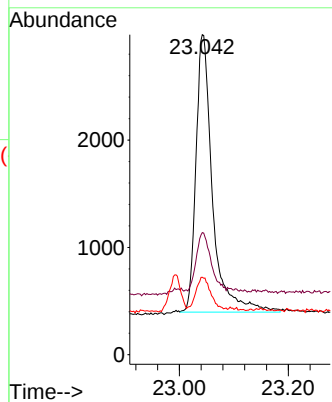
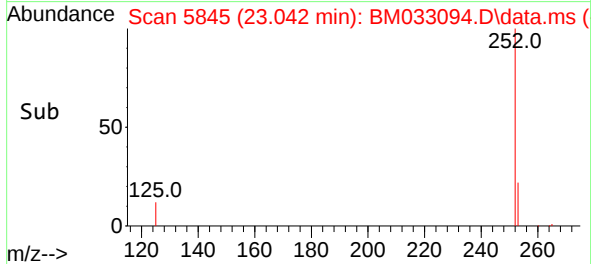


#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.042 min Scan# 5845
Delta R.T. -0.010 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Instrument :
BNA_M
ClientSampleId :
SLCS656

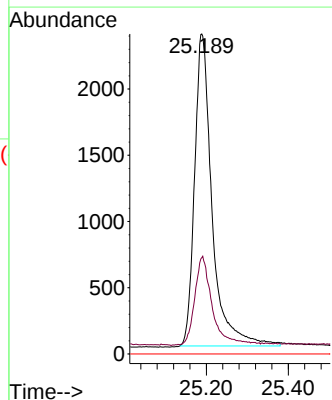
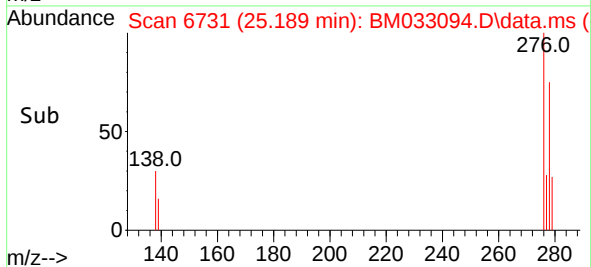
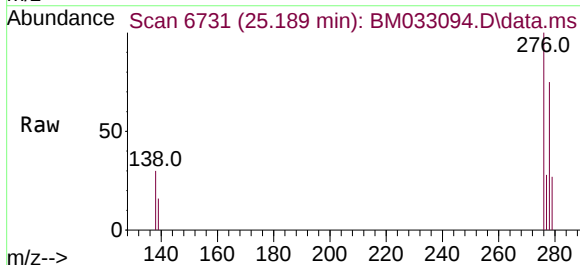


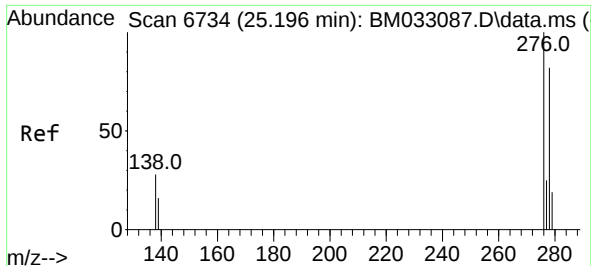
Tgt Ion:252 Resp: 5449
Ion Ratio Lower Upper
252 100
253 38.2 27.1 40.7
125 24.2 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.189 min Scan# 6731
Delta R.T. -0.010 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:276 Resp: 7001
Ion Ratio Lower Upper
276 100
138 31.7 22.9 34.3
227 0.0 0.0 0.0

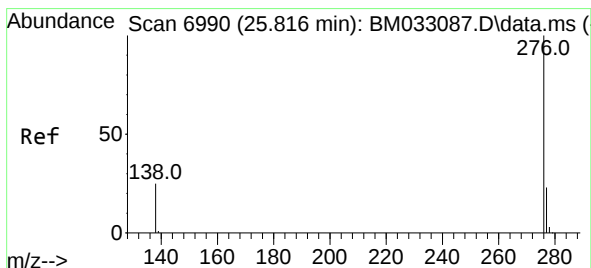
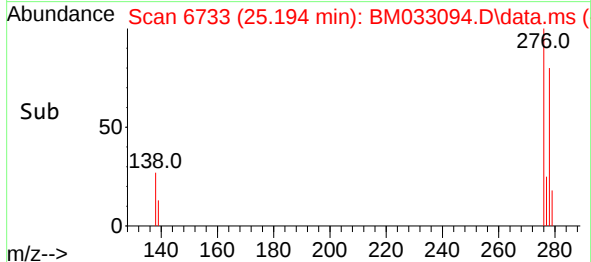
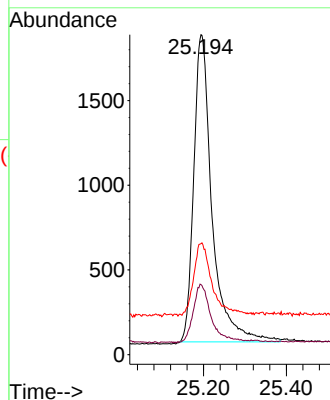
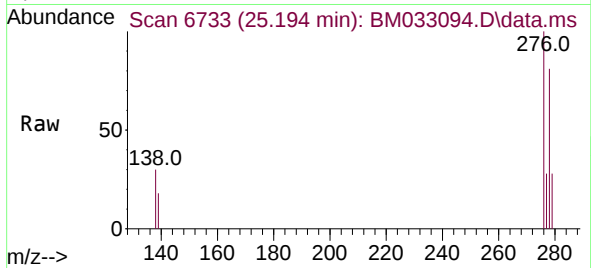




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.194 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Instrument :
BNA_M
ClientSampleId :
SLCS656

Tgt Ion:278 Resp: 5583
Ion Ratio Lower Upper
278 100
139 21.9 18.2 27.2
279 34.7 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 25.816 min Scan# 6990
Delta R.T. -0.012 min
Lab File: BM033094.D
Acq: 15 Nov 2021 00:10

Tgt Ion:276 Resp: 6514
Ion Ratio Lower Upper
276 100
138 27.0 22.2 33.2
277 26.3 21.0 31.4

