

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033093.D
 Acq On : 14 Nov 2021 23:34
 Operator : CG/JU
 Sample : PB140486BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS486

Quant Time: Nov 15 04:06:38 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

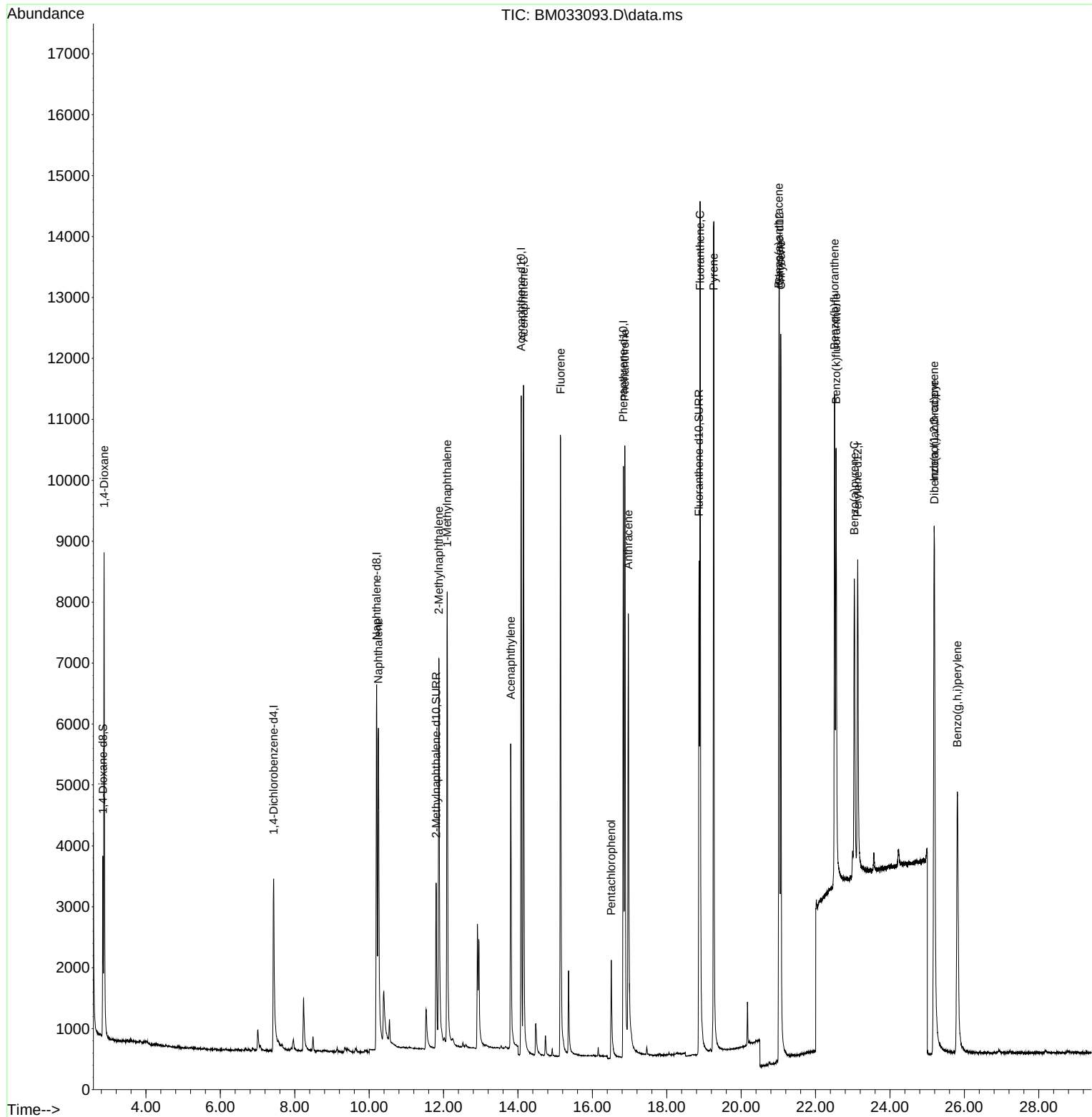
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	2295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.199	136	9420	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.087	164	5980	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.834	188	11938	0.400	ng/ul	0.00
17) Chrysene-d12	21.028	240	8506	0.400	ng/ul	0.00
23) Perylene-d12	23.132	264	6738	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.843	96	1793	0.612	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.800	152	4448	0.333	ng/ul	0.00
18) Fluoranthene-d10	18.866	212	9191	0.356	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.874	88	5046	1.676	ng/ul#	88
5) Naphthalene	10.248	128	8727	0.319	ng/ul	98
7) 2-Methylnaphthalene	11.876	142	5849	0.309	ng/ul	99
8) 1-Methylnaphthalene	12.097	142	5568	0.300	ng/ul	99
10) Acenaphthylene	13.806	152	7665	0.295	ng/ul	99
11) Acenaphthene	14.152	153	6757	0.298	ng/ul	99
12) Fluorene	15.145	166	7548	0.282	ng/ul	98
14) Pentachlorophenol	16.508	266	1431	0.460	ng/ul	97
15) Phenanthrene	16.872	178	11510	0.290	ng/ul	100
16) Anthracene	16.966	178	9616	0.276	ng/ul	100
19) Fluoranthene	18.896	202	12890	0.323	ng/ul	99
20) Pyrene	19.262	202	12964	0.312	ng/ul	98
21) Benzo(a)anthracene	21.013	228	9202	0.293	ng/ul	99
22) Chrysene	21.064	228	10729	0.303	ng/ul	100
24) Benzo(b)fluoranthene	22.512	252	9442	0.305	ng/ul	99
25) Benzo(k)fluoranthene	22.553	252	10150	0.306	ng/ul	98
26) Benzo(a)pyrene	23.040	252	7691	0.302	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.187	276	9884	0.337	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.196	278	8130	0.350	ng/ul	97
29) Benzo(g,h,i)perylene	25.812	276	9023	0.355	ng/ul	98

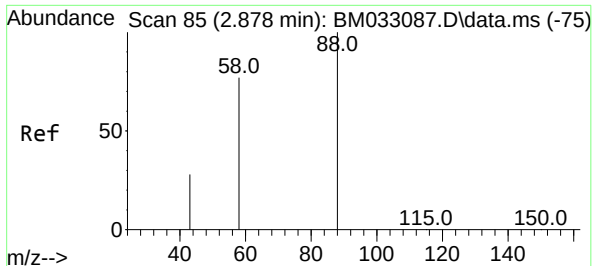
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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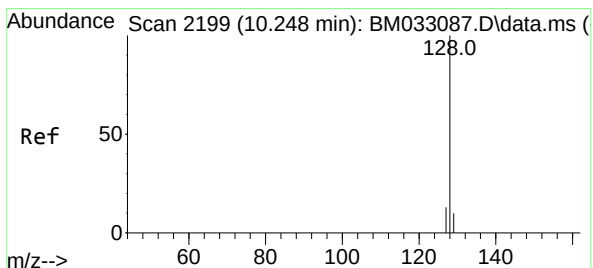
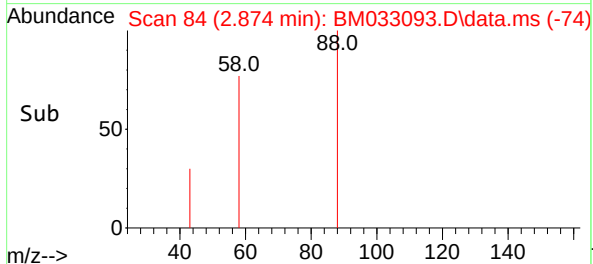
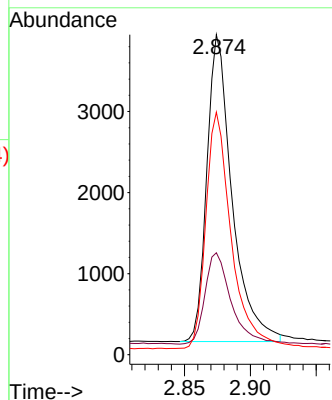
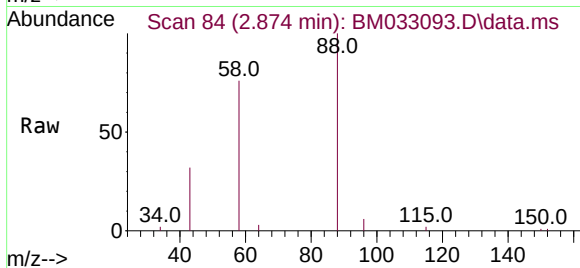




#2
1,4-Dioxane
Concen: 1.676 ng/ul
RT: 2.874 min Scan# 84
Delta R.T. -0.014 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

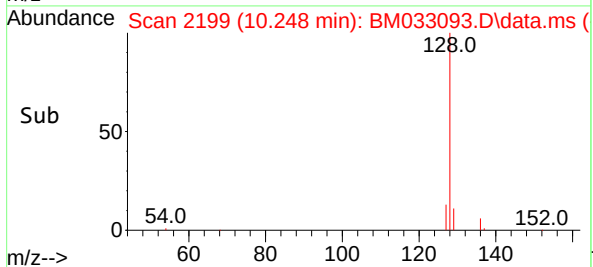
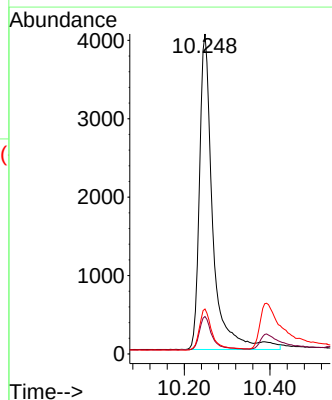
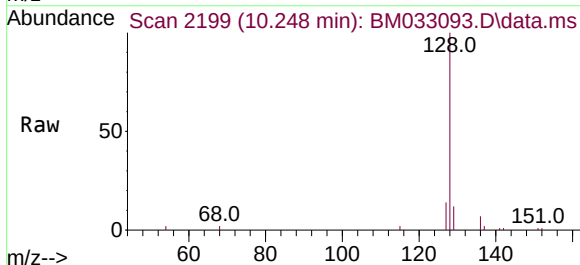
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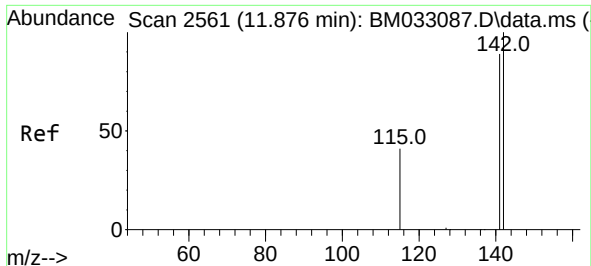
Tgt Ion: 88 Resp: 5046
Ion Ratio Lower Upper
88 100
43 31.8 35.8 53.8#
58 75.8 55.8 83.8



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.248 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion: 128 Resp: 8727
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 14.0 11.8 17.8

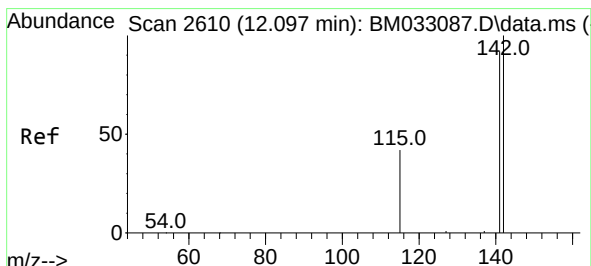
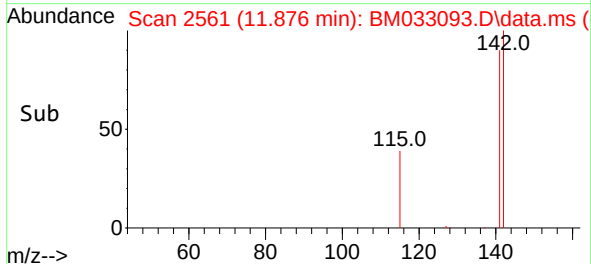
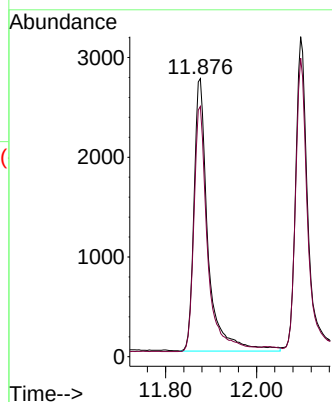
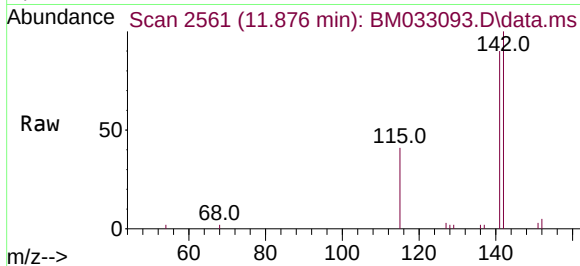




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.009 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

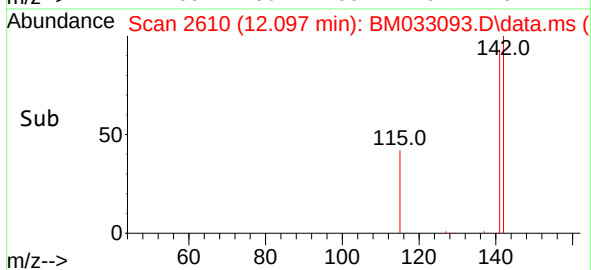
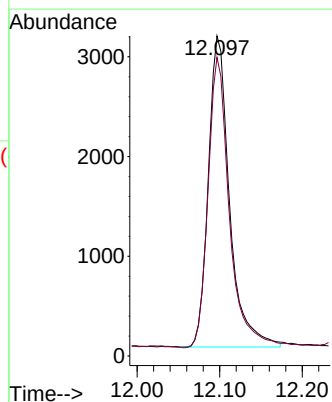
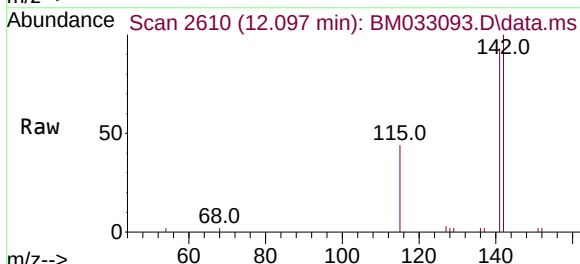
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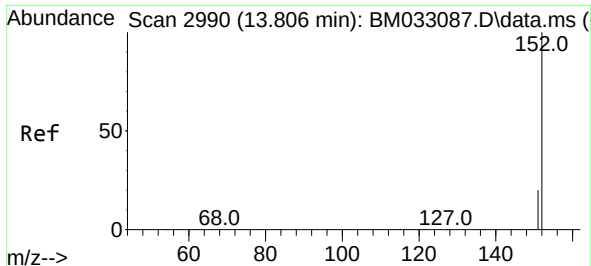
Tgt Ion:142 Resp: 5849
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.009 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:142 Resp: 5568
Ion Ratio Lower Upper
142 100
141 93.8 74.5 111.7

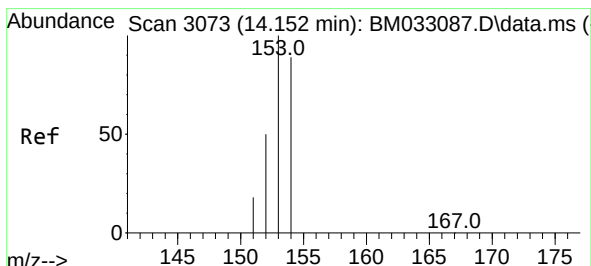
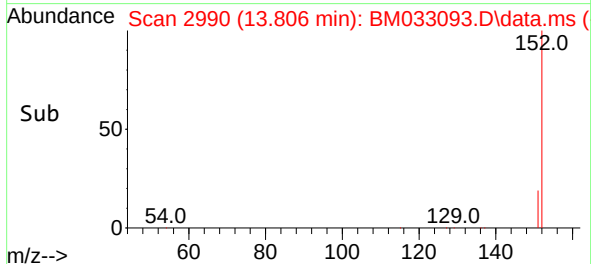
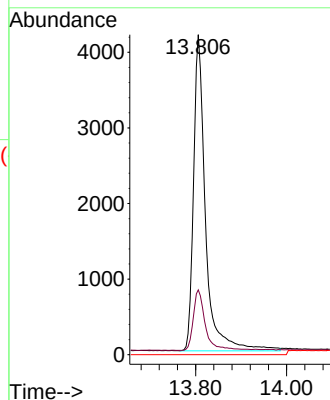
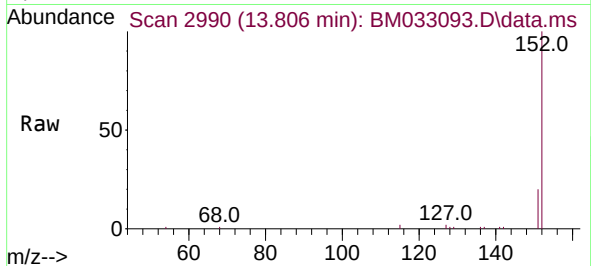




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 13.806 min Scan# 2990
Delta R.T. -0.009 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

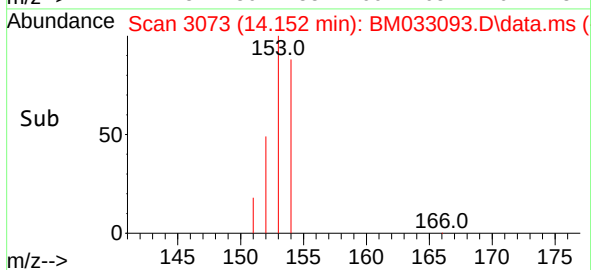
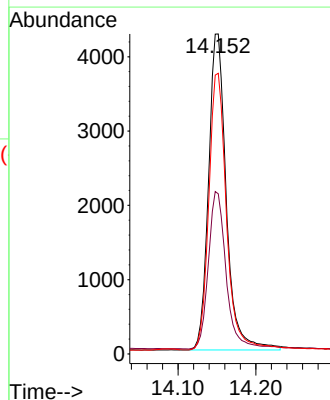
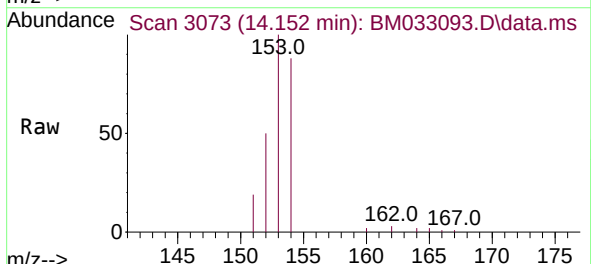
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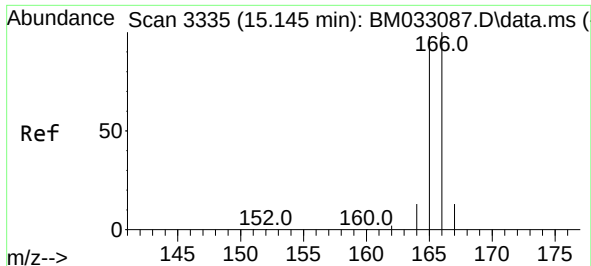
Tgt Ion:152 Resp: 7665
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.152 min Scan# 3073
Delta R.T. -0.008 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:153 Resp: 6757
Ion Ratio Lower Upper
153 100
152 50.0 40.6 60.8
154 87.7 70.8 106.2

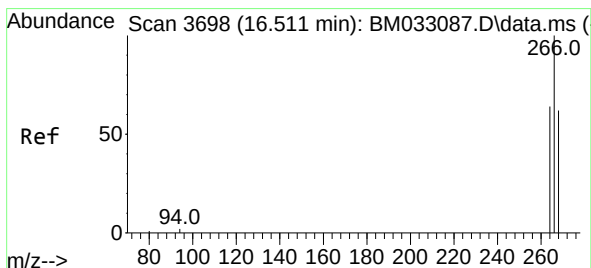
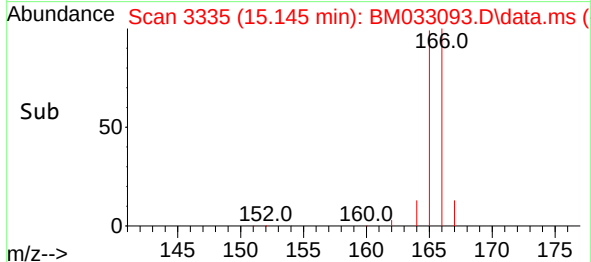
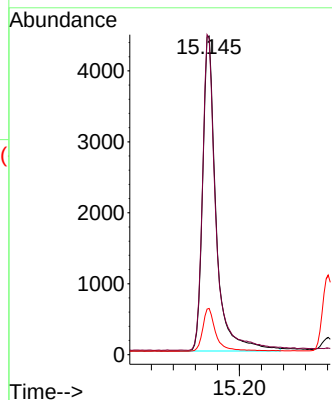
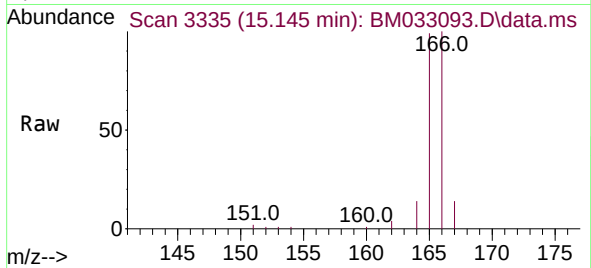




#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.145 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

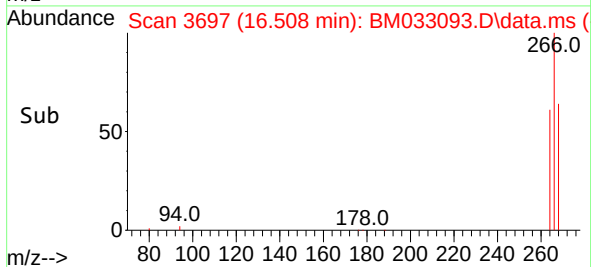
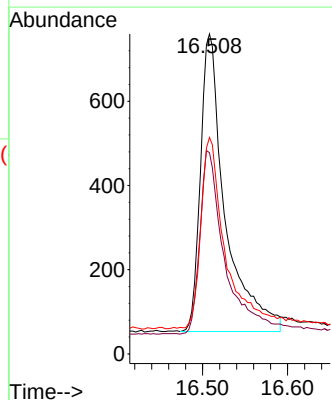
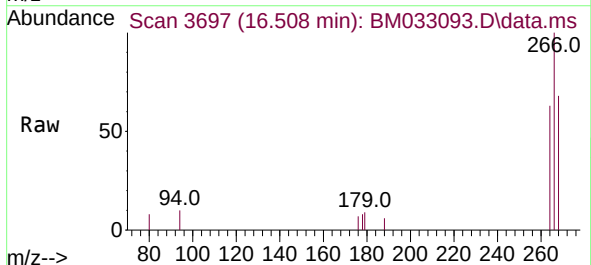
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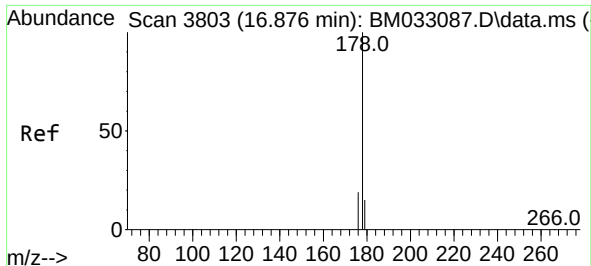
Tgt Ion:166 Resp: 7548
Ion Ratio Lower Upper
166 100
165 99.1 80.8 121.2
167 14.5 11.7 17.5



#14
Pentachlorophenol
Concen: 0.460 ng/ul
RT: 16.508 min Scan# 3697
Delta R.T. -0.004 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:266 Resp: 1431
Ion Ratio Lower Upper
266 100
264 62.2 51.2 76.8
268 63.2 52.9 79.3

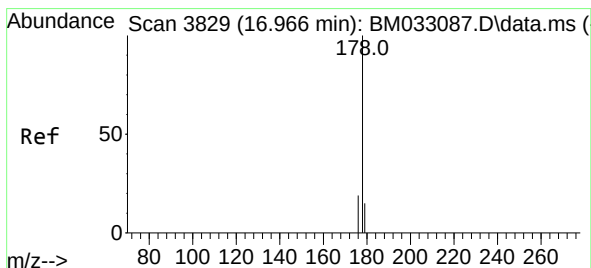
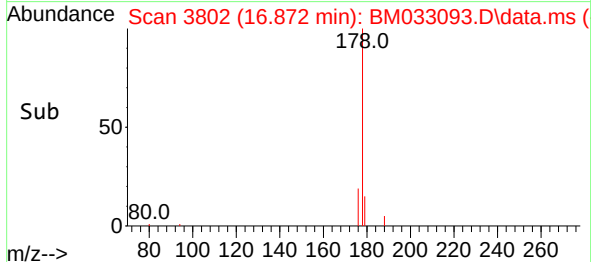
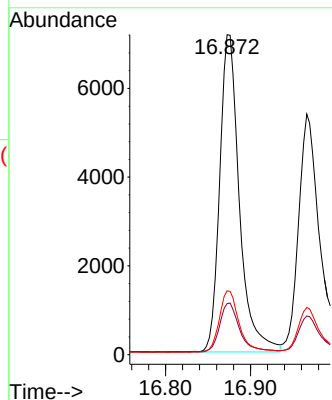
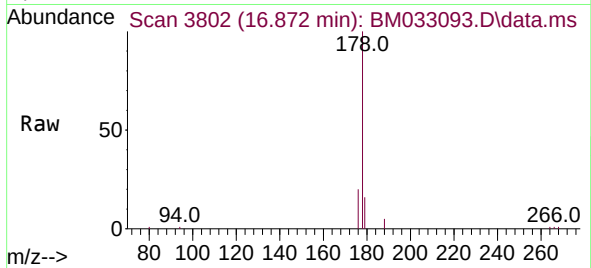




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 16.872 min Scan# 3802
Delta R.T. -0.010 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

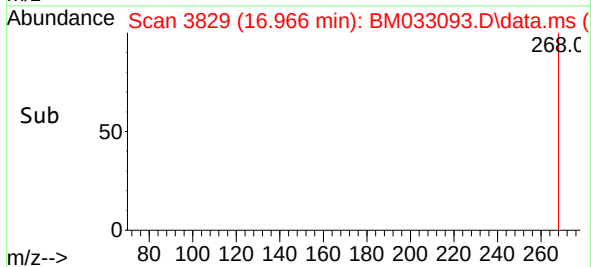
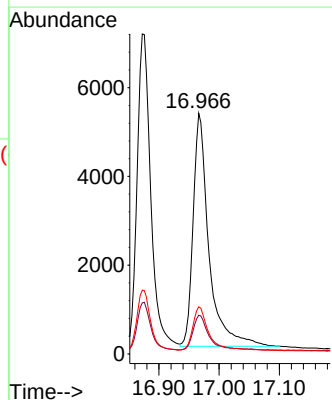
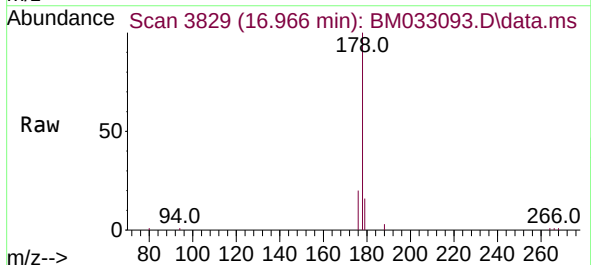
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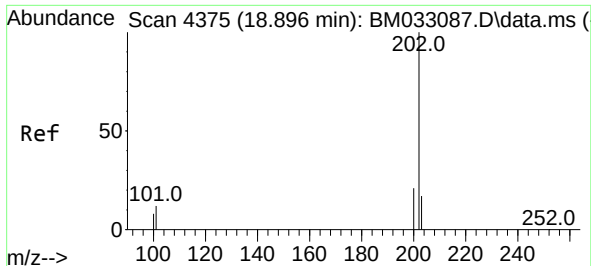
Tgt Ion:178 Resp: 11510
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.276 ng/ul
RT: 16.966 min Scan# 3829
Delta R.T. -0.007 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:178 Resp: 9616
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.6 15.6 23.4

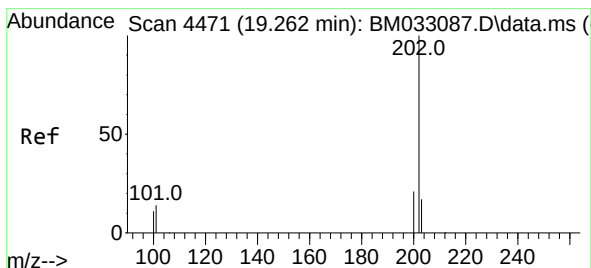
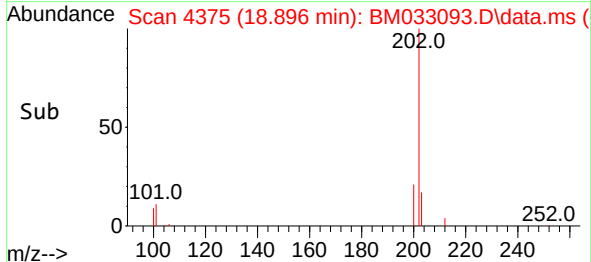
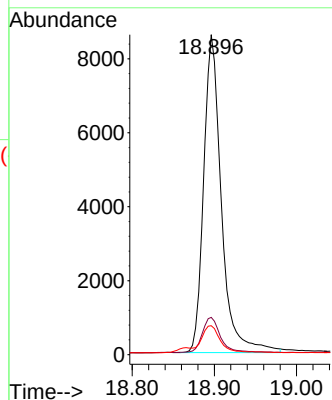
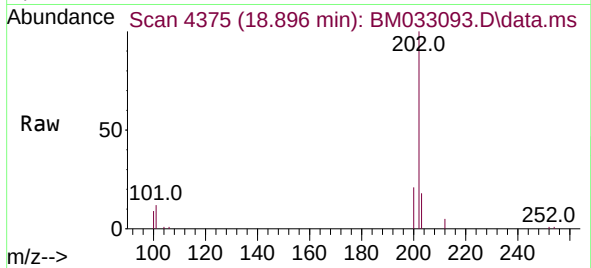




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 18.896 min Scan# 4375
Delta R.T. -0.008 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

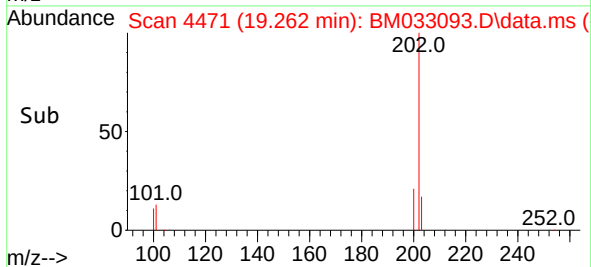
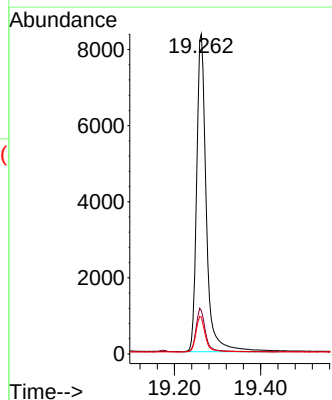
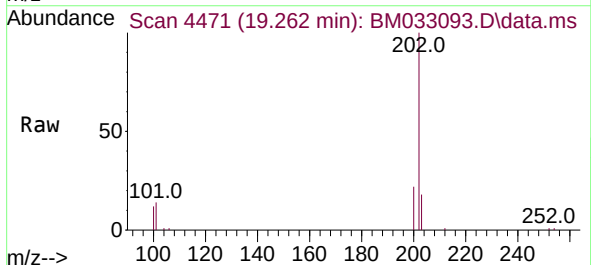
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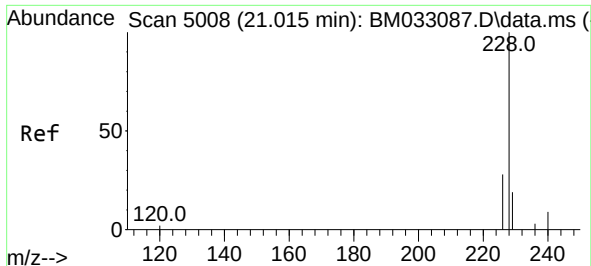
Tgt Ion:202 Resp: 12890
Ion Ratio Lower Upper
202 100
101 11.7 9.9 14.9
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.312 ng/ul
RT: 19.262 min Scan# 4471
Delta R.T. -0.008 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:202 Resp: 12964
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 11.6 9.5 14.3

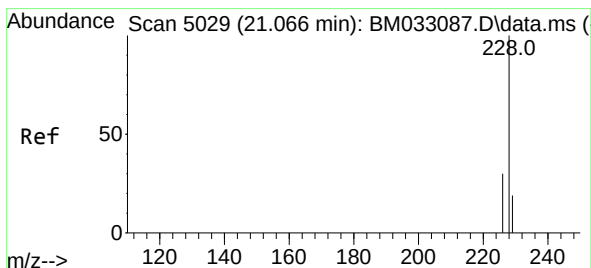
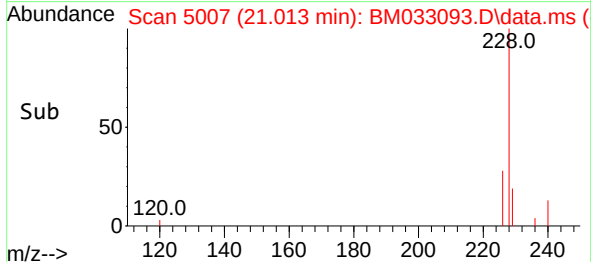
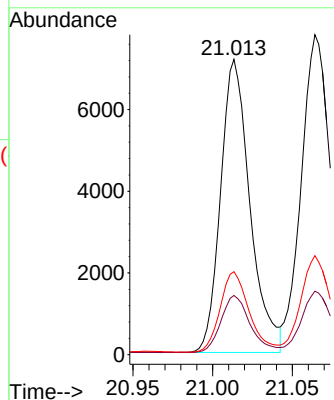
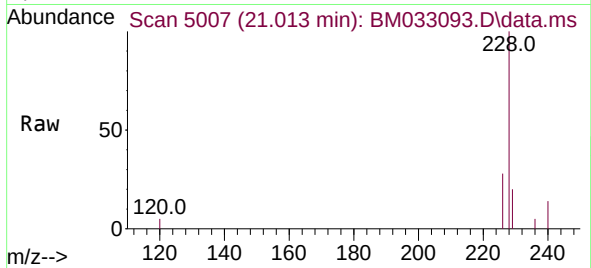




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.013 min Scan# 5007
Delta R.T. -0.007 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

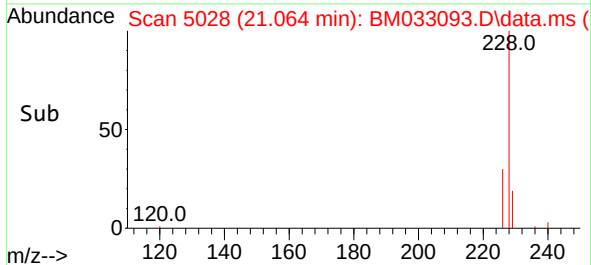
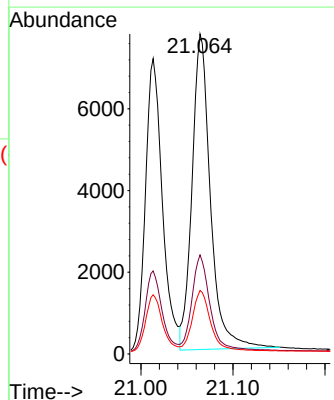
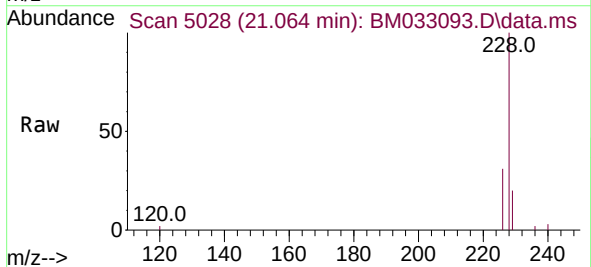
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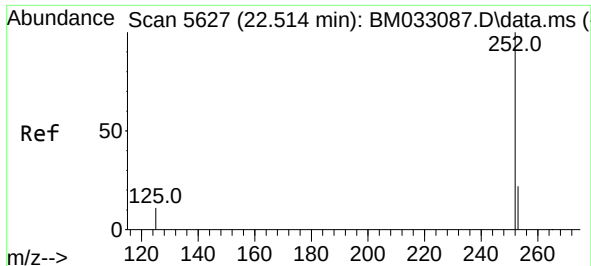
Tgt Ion:228 Resp: 9202
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.1 22.4 33.6



#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.064 min Scan# 5028
Delta R.T. -0.007 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:228 Resp: 10729
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 19.9 16.1 24.1

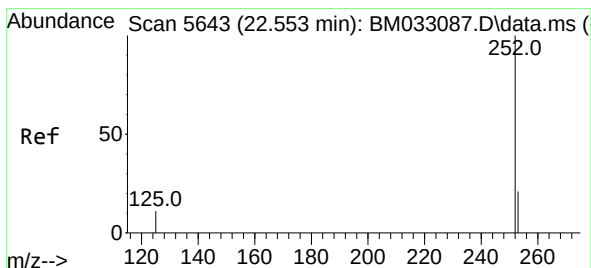
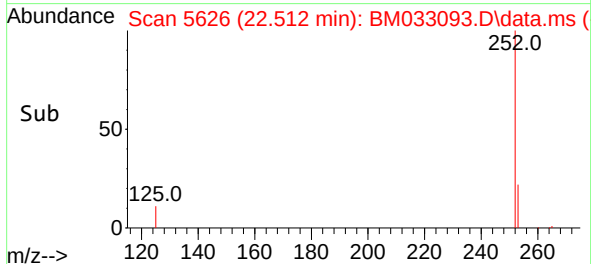
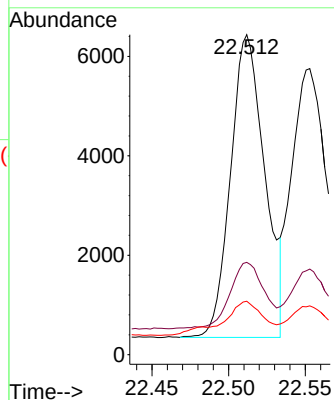
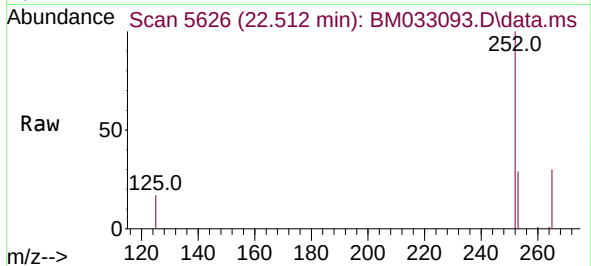




#24
Benzo(b)fluoranthene
Concen: 0.305 ng/ul
RT: 22.512 min Scan# 5626
Delta R.T. -0.007 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

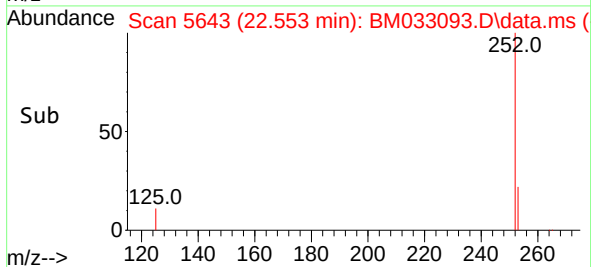
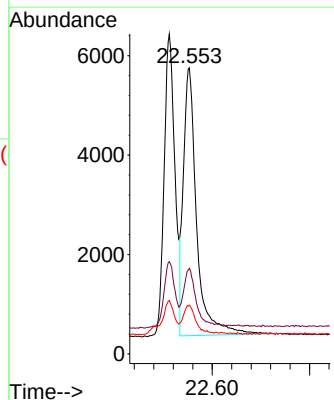
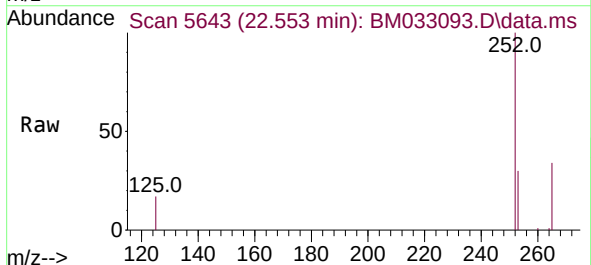
Instrument :
BNA_M
ClientSampleId :
SLCS486

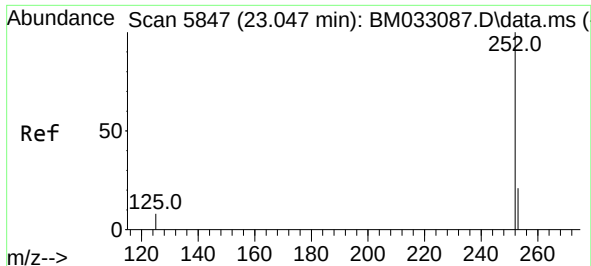
Tgt Ion:252 Resp: 9442
Ion Ratio Lower Upper
252 100
253 28.9 0.0 59.2
125 16.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 22.553 min Scan# 5643
Delta R.T. -0.007 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:252 Resp: 10150
Ion Ratio Lower Upper
252 100
253 29.9 23.1 34.7
125 17.1 14.6 21.8

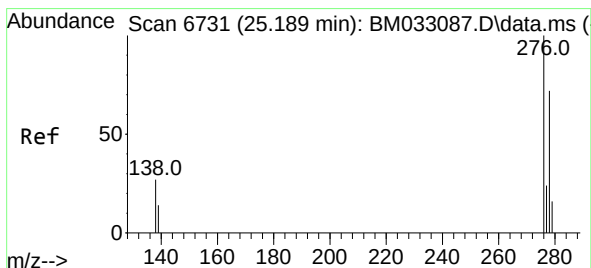
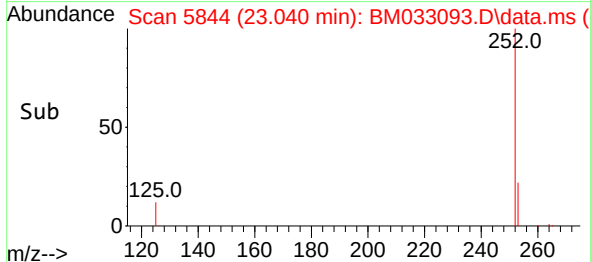
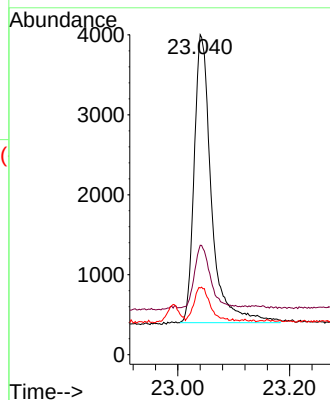
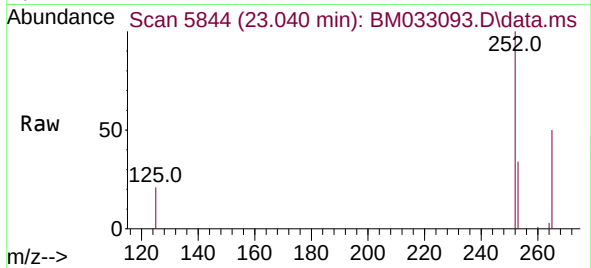




#26
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 23.040 min Scan# 5844
Delta R.T. -0.012 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

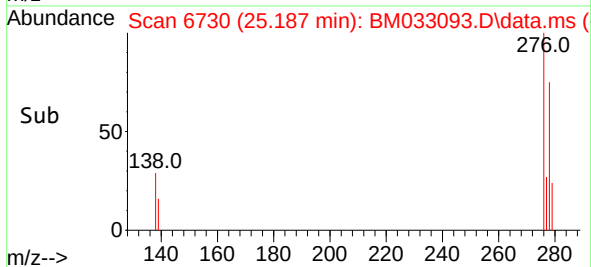
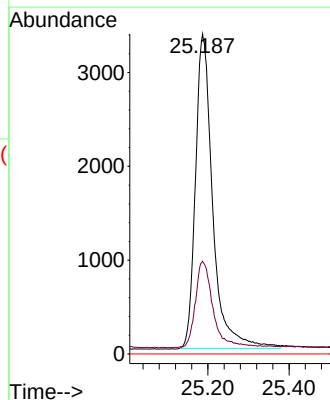
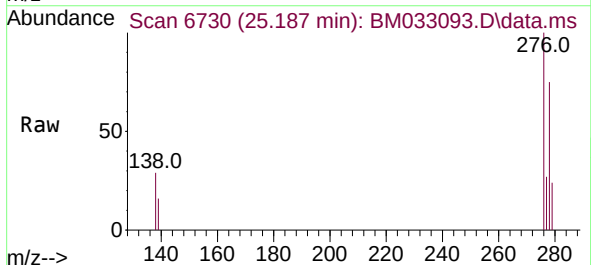
Instrument :
BNA_M
ClientSampleId :
SLCS486

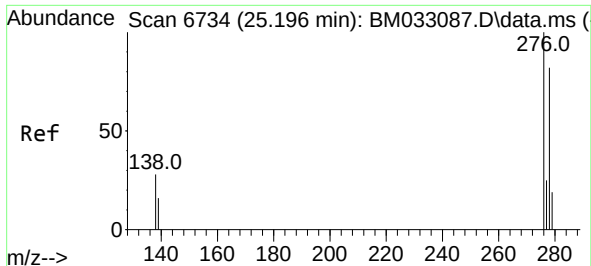
Tgt Ion:252	Resp:	7691
Ion Ratio	Lower	Upper
252	100	
253	34.2	27.1 40.7
125	20.9	17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 25.187 min Scan# 6730
Delta R.T. -0.012 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:276	Resp:	9884
Ion Ratio	Lower	Upper
276	100	
138	27.0	22.9 34.3
227	0.0	0.0 0.0

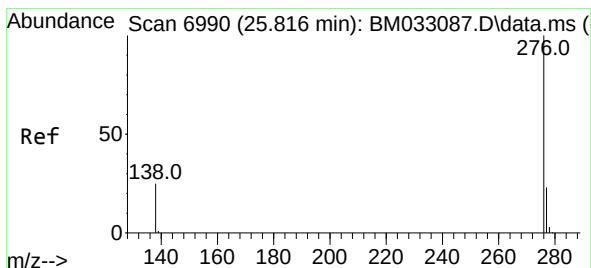
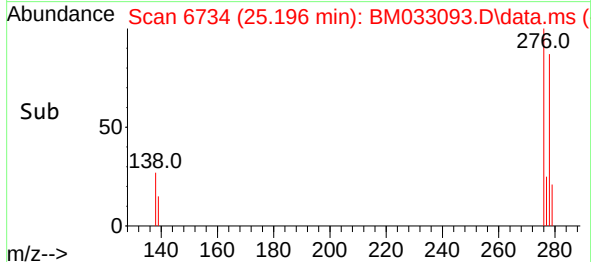
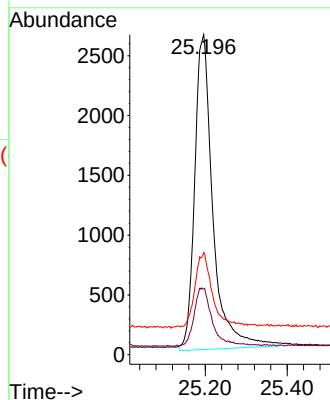
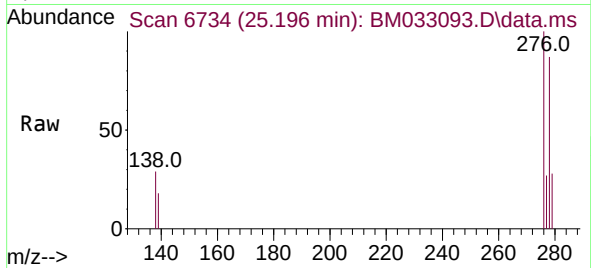




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.196 min Scan# 61
Delta R.T. -0.010 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Instrument :
BNA_M
ClientSampleId :
SLCS486

Tgt Ion:278 Resp: 8130
Ion Ratio Lower Upper
278 100
139 20.6 18.2 27.2
279 31.9 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 25.812 min Scan# 6988
Delta R.T. -0.017 min
Lab File: BM033093.D
Acq: 14 Nov 2021 23:34

Tgt Ion:276 Resp: 9023
Ion Ratio Lower Upper
276 100
138 25.7 22.2 33.2
277 26.4 21.0 31.4

