

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM033011.D
 Acq On : 12 Nov 2021 04:40
 Operator : CG/JU
 Sample : PB140384BS
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS384

Quant Time: Nov 12 05:20:57 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 : Thu Nov 11 13:40:18 2021
 Response via : Initial Calibration

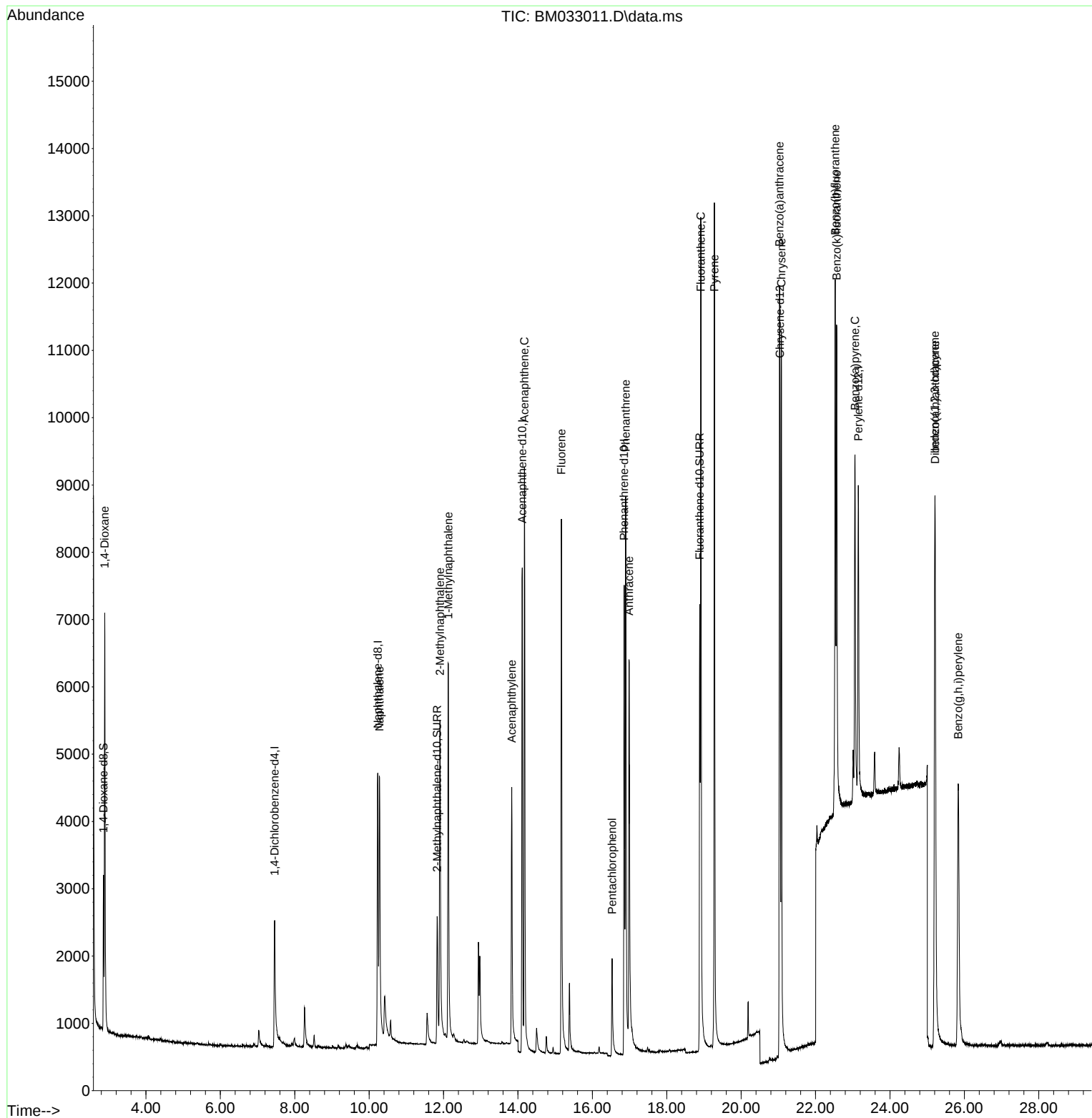
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	1599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.230	136	6653	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	4190	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	8658	0.400	ng/ul	0.00
17) Chrysene-d12	21.045	240	7046	0.400	ng/ul	0.00
23) Perylene-d12	23.149	264	5894	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.860	96	1446	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	3362	0.356	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	7659	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.891	88	4003	1.909	ng/ul#	89
5) Naphthalene	10.275	128	6864	0.355	ng/ul	100
7) 2-Methylnaphthalene	11.903	142	4491	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	4325	0.330	ng/ul	99
10) Acenaphthylene	13.833	152	5881	0.323	ng/ul	100
11) Acenaphthene	14.174	153	5253	0.330	ng/ul	100
12) Fluorene	15.168	166	5919	0.316	ng/ul	97
14) Pentachlorophenol	16.529	266	1258	0.558	ng/ul	97
15) Phenanthrene	16.897	178	9366	0.326	ng/ul	99
16) Anthracene	16.987	178	7838	0.310	ng/ul	99
19) Fluoranthene	18.915	202	10928	0.331	ng/ul	98
20) Pyrene	19.281	202	11379	0.331	ng/ul	99
21) Benzo(a)anthracene	21.030	228	8416	0.323	ng/ul	99
22) Chrysene	21.081	228	9925	0.338	ng/ul	100
24) Benzo(b)fluoranthene	22.526	252	9137	0.338	ng/ul	97
25) Benzo(k)fluoranthene	22.565	252	9798	0.338	ng/ul	96
26) Benzo(a)pyrene	23.059	252	7314	0.328	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.208	276	8882	0.346	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.213	278	7130	0.351	ng/ul	97
29) Benzo(g,h,i)perylene	25.836	276	7838	0.352	ng/ul	100

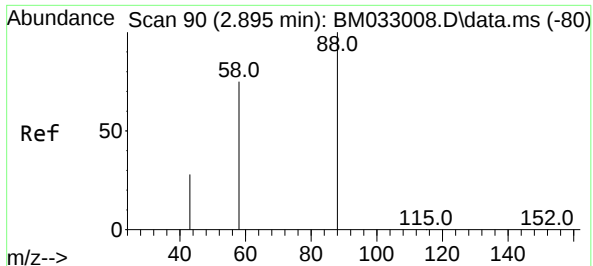
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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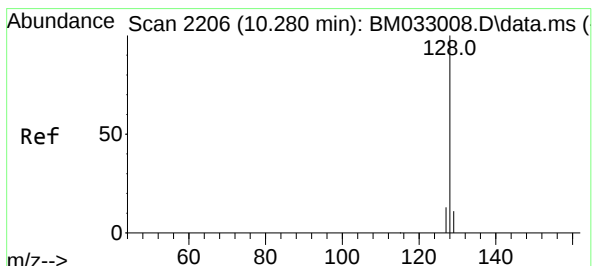
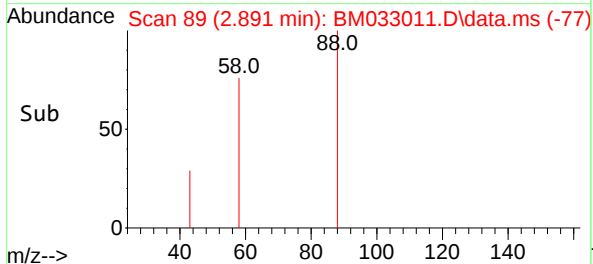
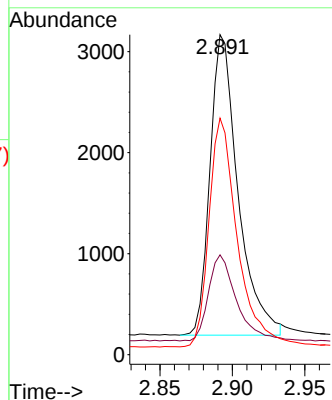
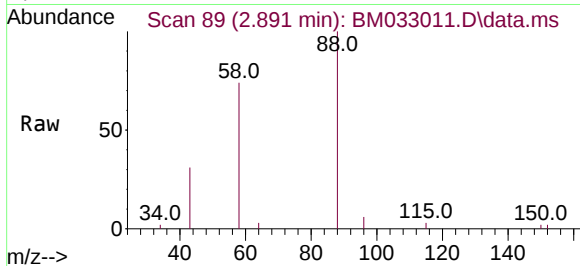




#2
1,4-Dioxane
Concen: 1.909 ng/ul
RT: 2.891 min Scan# 89
Delta R.T. -0.007 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

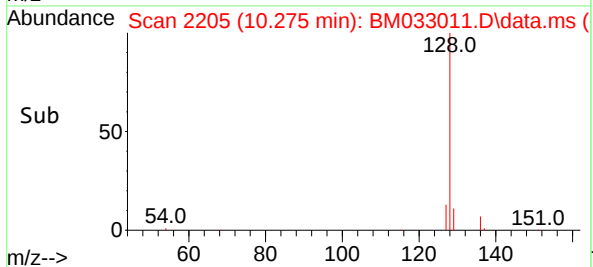
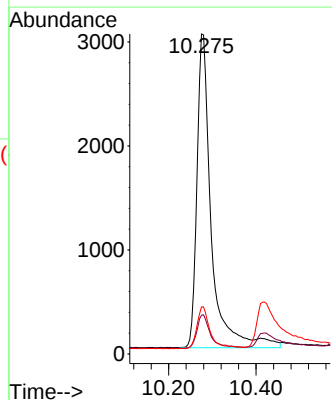
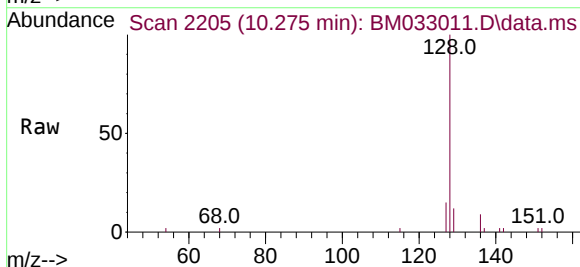
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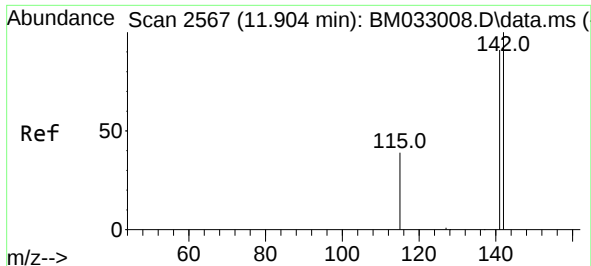
Tgt Ion: 88 Resp: 4003
Ion Ratio Lower Upper
88 100
43 31.2 35.8 53.8#
58 73.9 55.8 83.8



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.275 min Scan# 2205
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion: 128 Resp: 6864
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 14.7 11.8 17.8

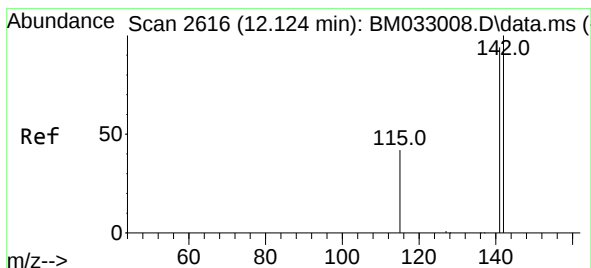
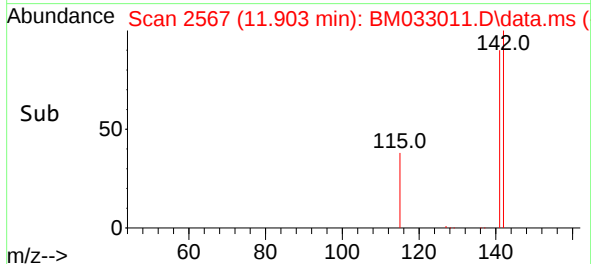
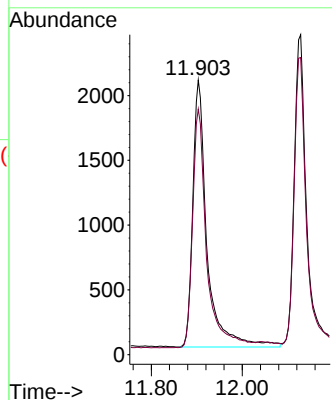
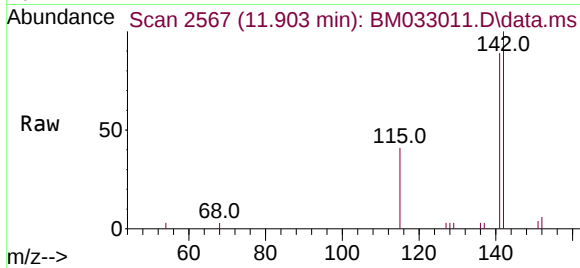




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 11.903 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

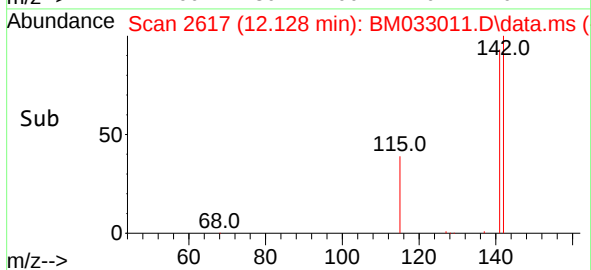
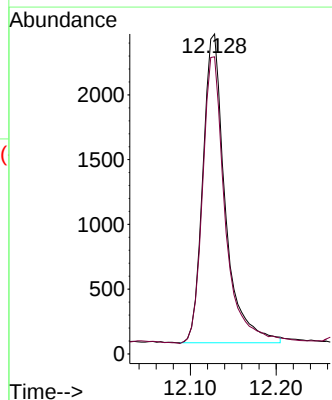
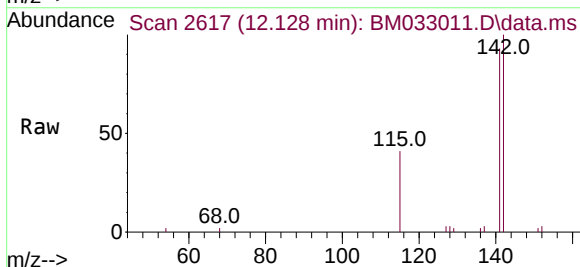
Instrument :
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ClientSampleId :
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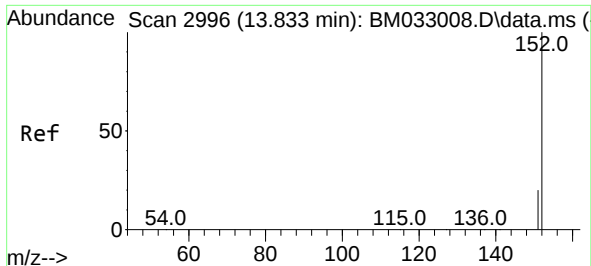
Tgt Ion:142 Resp: 4491
Ion Ratio Lower Upper
142 100
141 90.8 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. 0.001 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:142 Resp: 4325
Ion Ratio Lower Upper
142 100
141 94.1 74.5 111.7

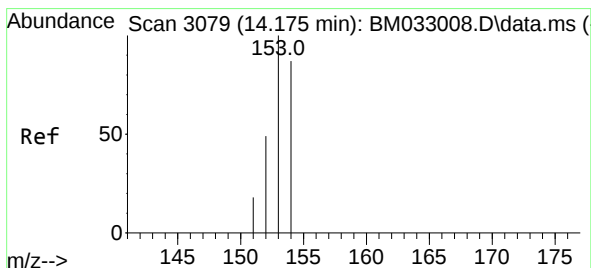
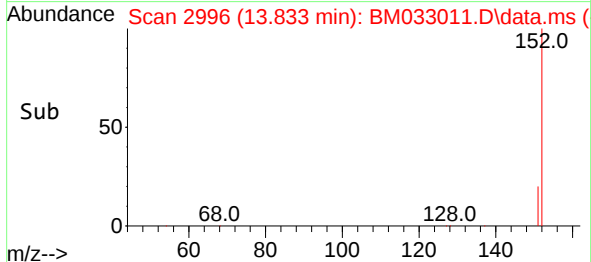
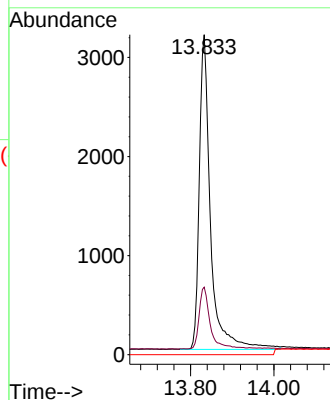
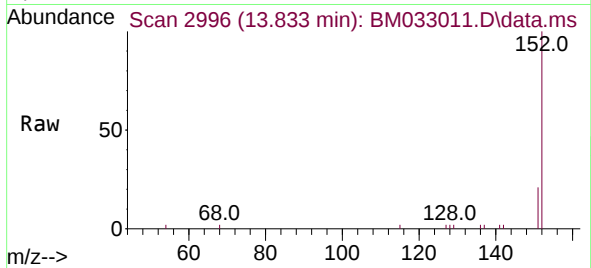




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 13.833 min Scan# 2996
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

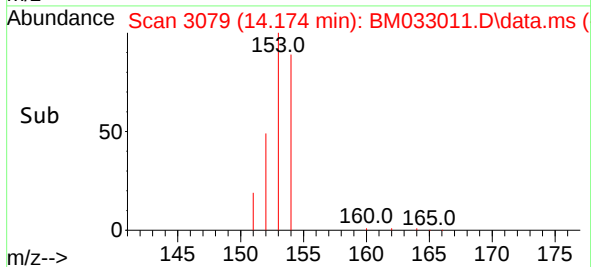
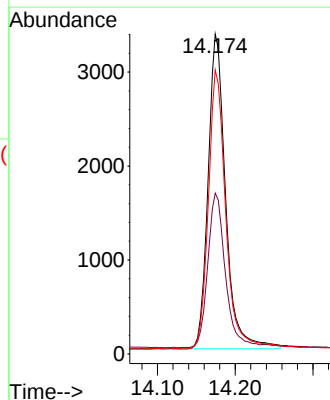
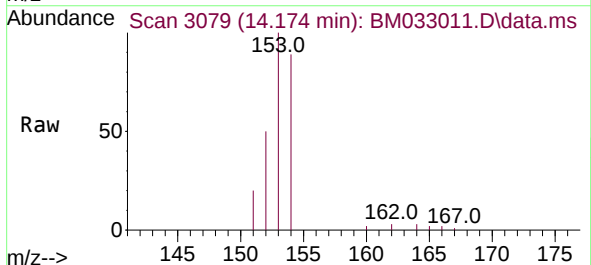
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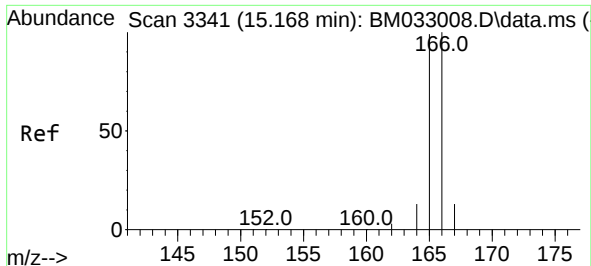
Tgt Ion:152	Resp:	5881
Ion Ratio	Lower	Upper
152	100	
151	21.1	16.7 25.1
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.174 min Scan# 3079
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:153	Resp:	5253
Ion Ratio	Lower	Upper
153	100	
152	50.2	40.6 60.8
154	88.8	70.8 106.2

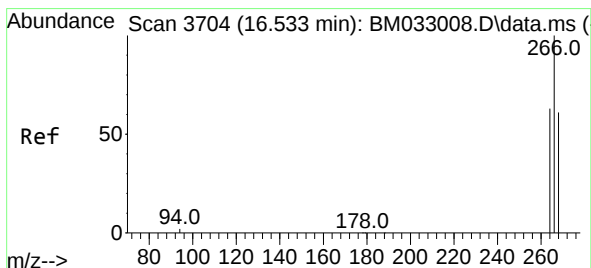
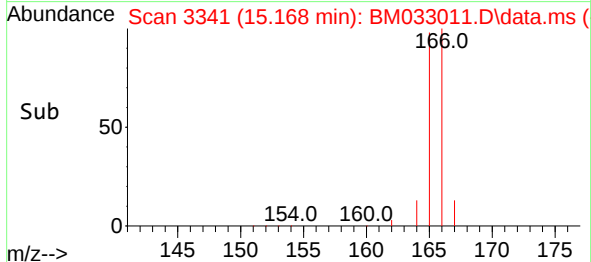
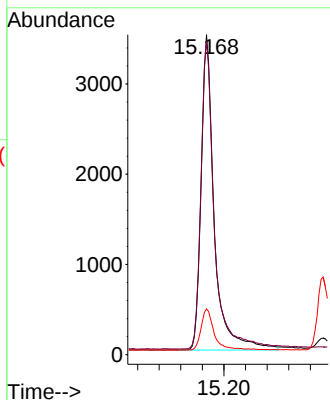
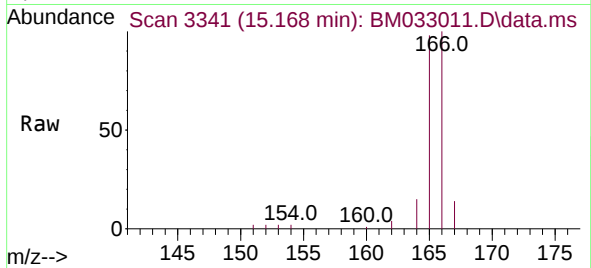




#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.168 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

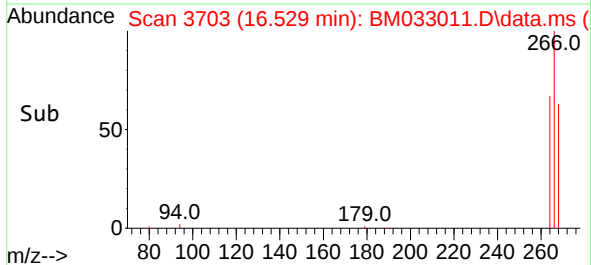
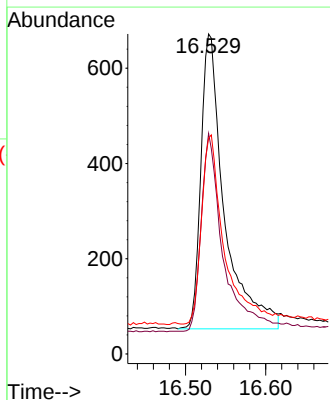
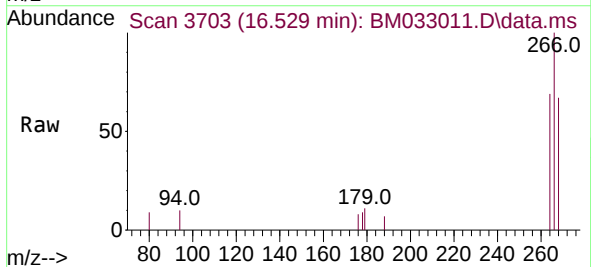
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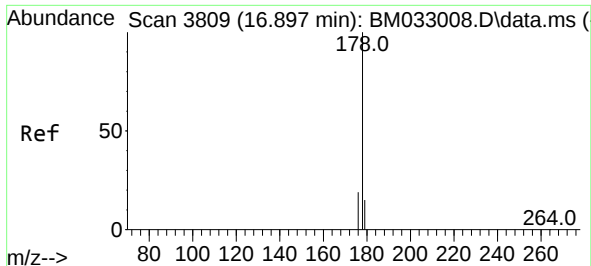
Tgt Ion:166 Resp: 5919
Ion Ratio Lower Upper
166 100
165 98.0 80.8 121.2
167 14.3 11.7 17.5



#14
Pentachlorophenol
Concen: 0.558 ng/ul
RT: 16.529 min Scan# 3703
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:266 Resp: 1258
Ion Ratio Lower Upper
266 100
264 62.3 51.2 76.8
268 63.0 52.9 79.3

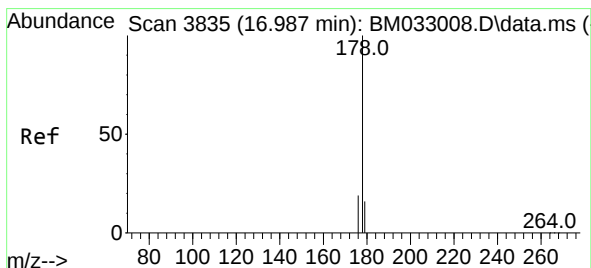
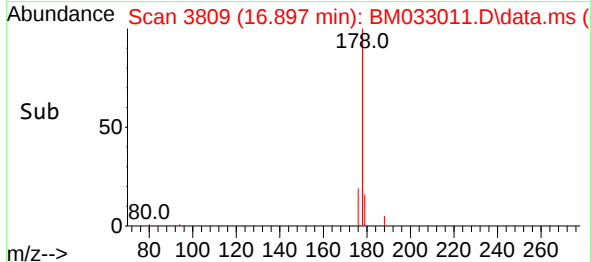
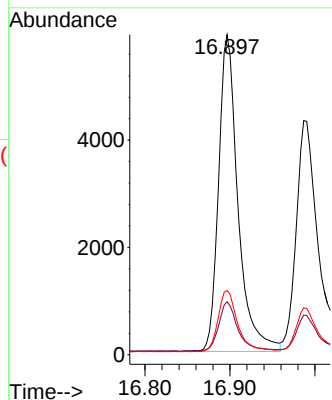
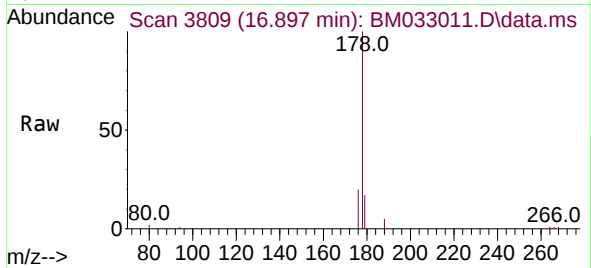




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 16.897 min Scan# 3809
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

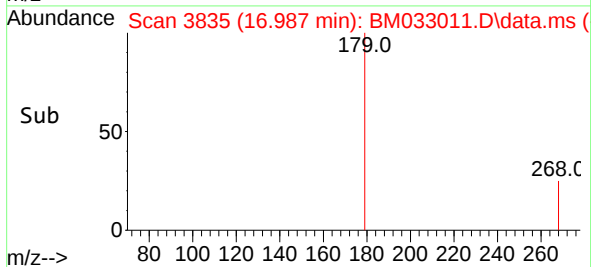
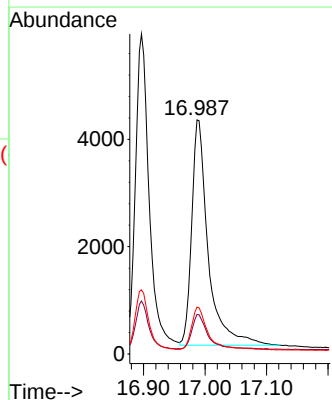
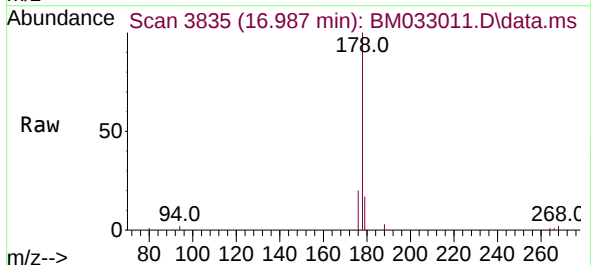
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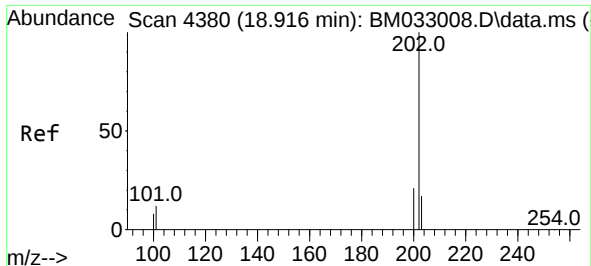
Tgt Ion:178 Resp: 9366
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.310 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:178 Resp: 7838
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 20.0 15.6 23.4

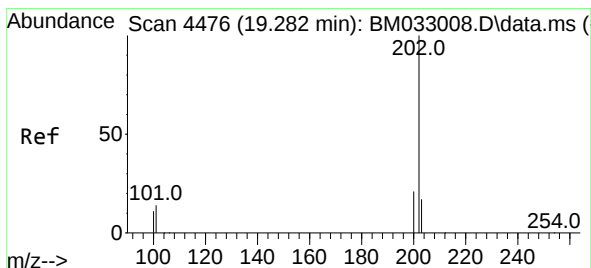
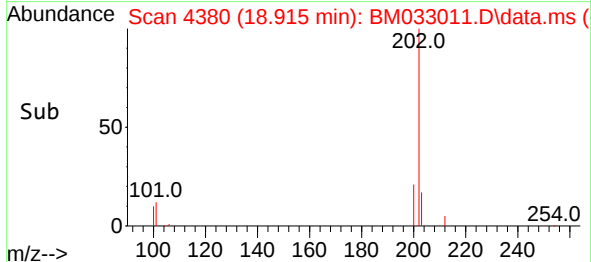
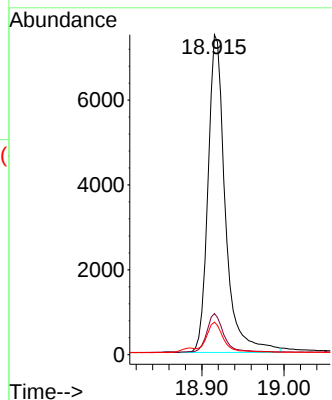
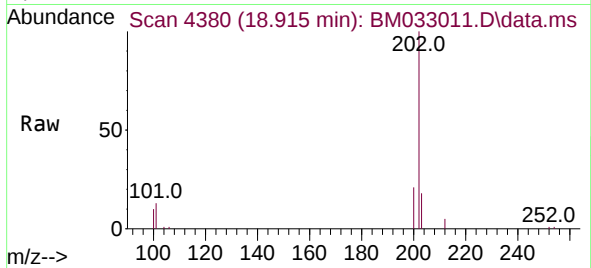




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 18.915 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

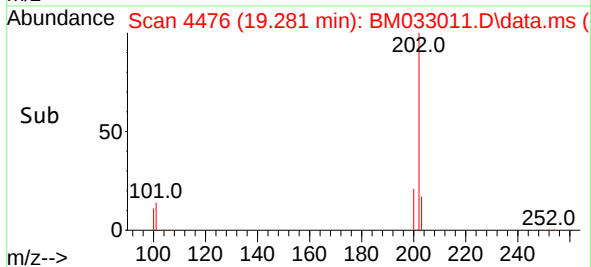
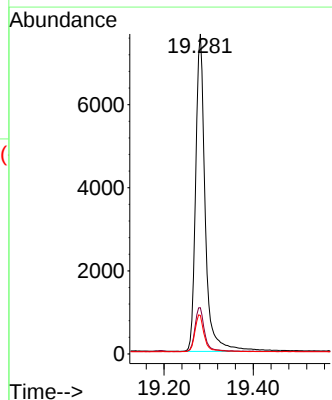
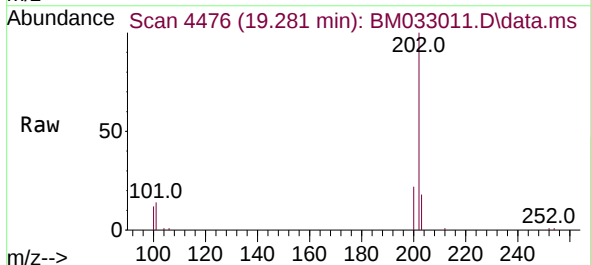
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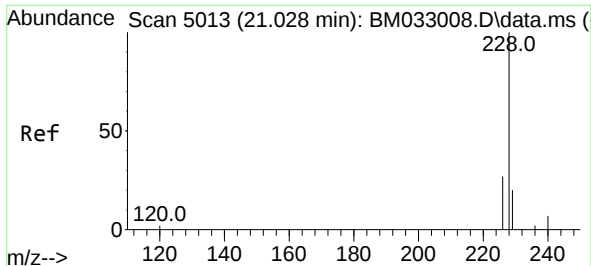
Tgt Ion:202 Resp: 10928
Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 10.1 7.3 10.9



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.281 min Scan# 4476
Delta R.T. 0.000 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:202 Resp: 11379
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 12.1 9.5 14.3

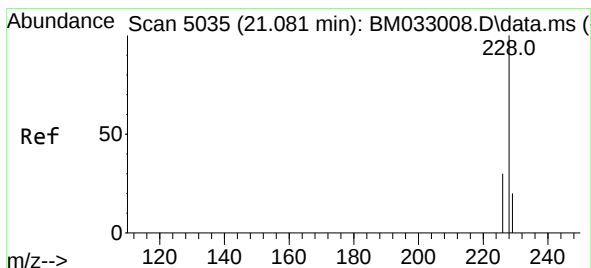
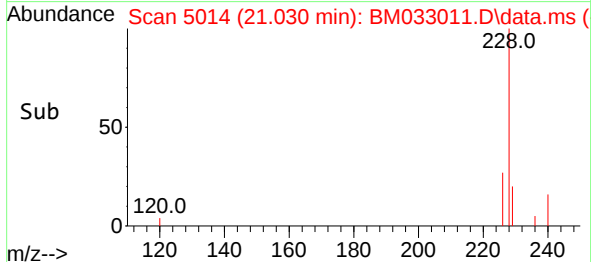
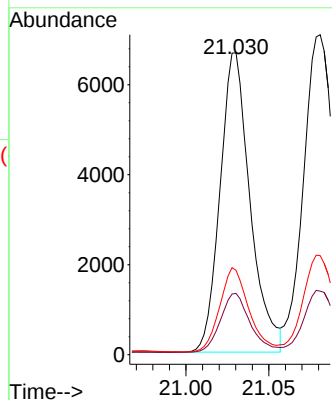
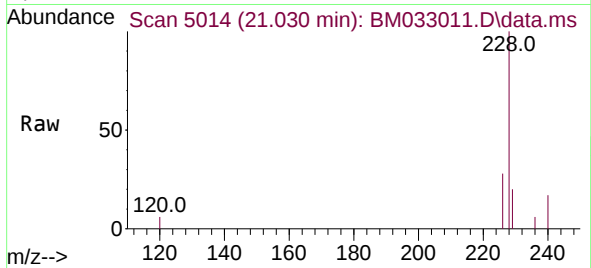




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.030 min Scan# 5013
Delta R.T. -0.002 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

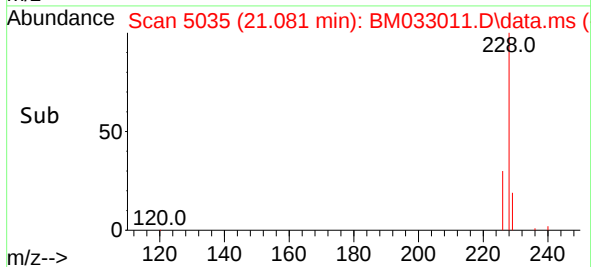
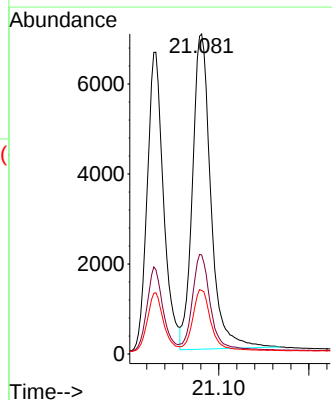
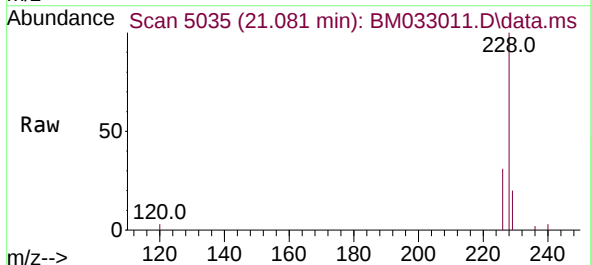
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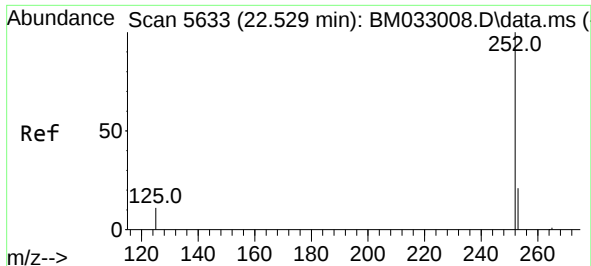
Tgt Ion:228 Resp: 8416
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.0 22.4 33.6



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.081 min Scan# 5035
Delta R.T. -0.002 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:228 Resp: 9925
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 19.9 16.1 24.1

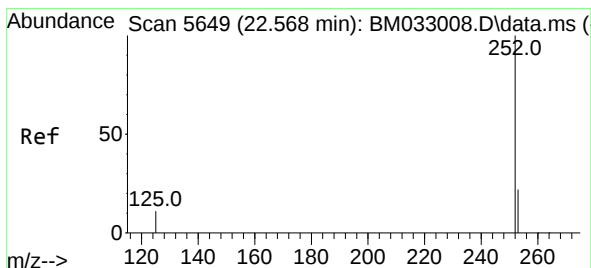
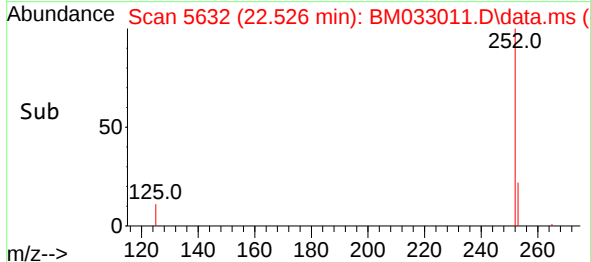
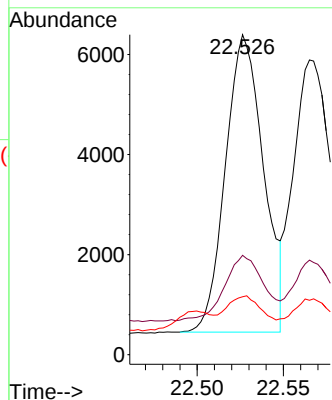
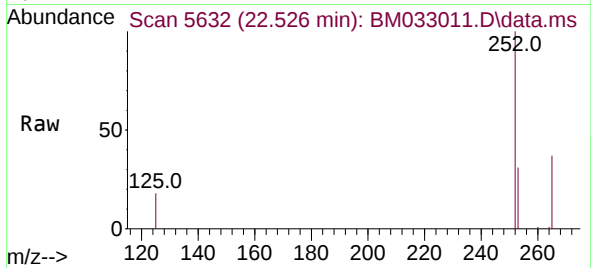




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 22.526 min Scan# 5632
Delta R.T. -0.004 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

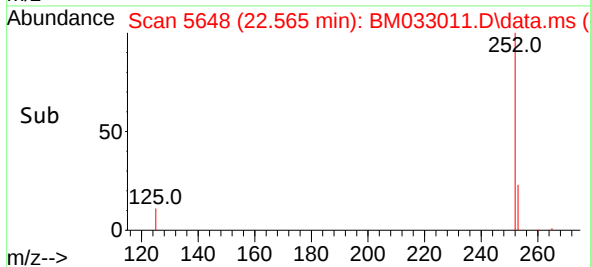
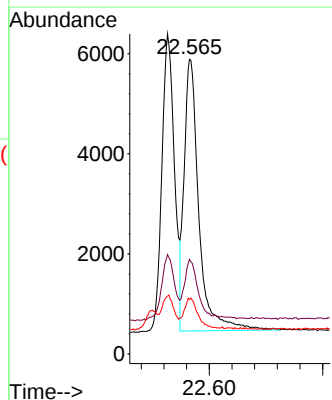
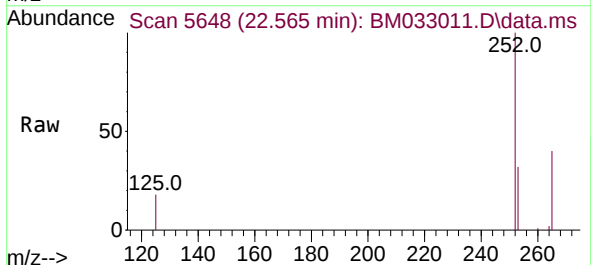
Instrument :
BNA_M
ClientSampleId :
SLCS384

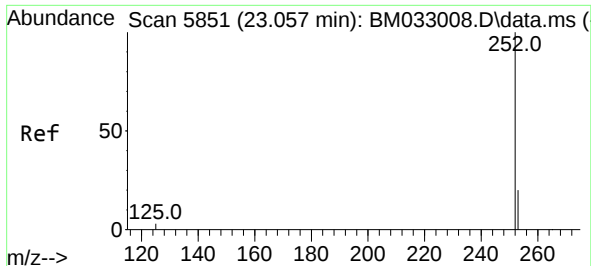
Tgt Ion:252 Resp: 9137
Ion Ratio Lower Upper
252 100
253 31.0 0.0 59.2
125 18.1 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 22.565 min Scan# 5648
Delta R.T. -0.007 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:252 Resp: 9798
Ion Ratio Lower Upper
252 100
253 32.1 23.1 34.7
125 18.5 14.6 21.8

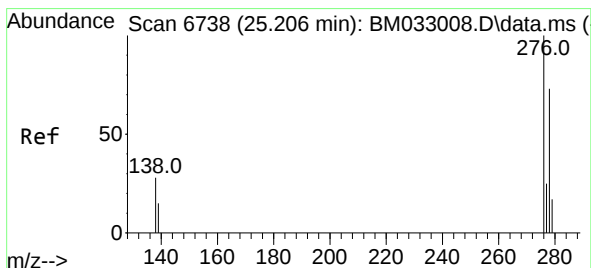
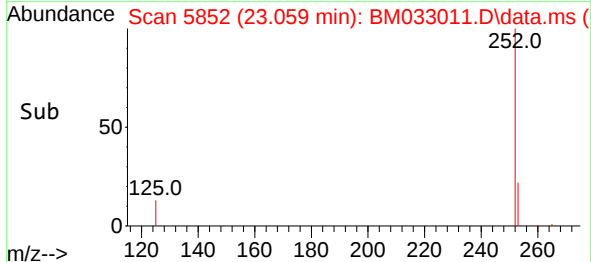
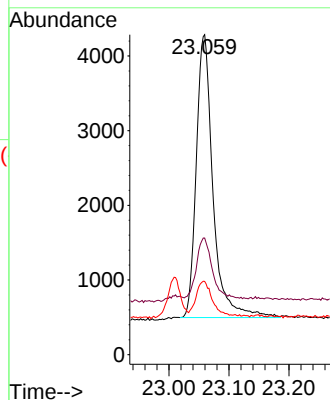
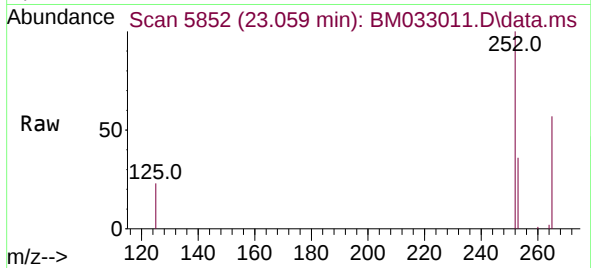




#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.059 min Scan# 5852
Delta R.T. -0.004 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

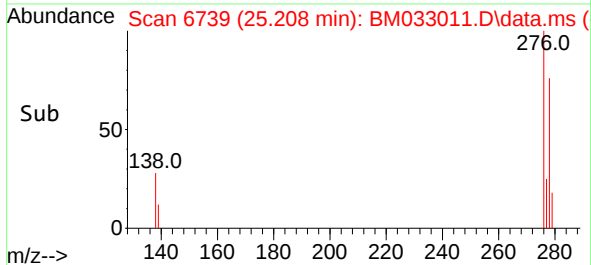
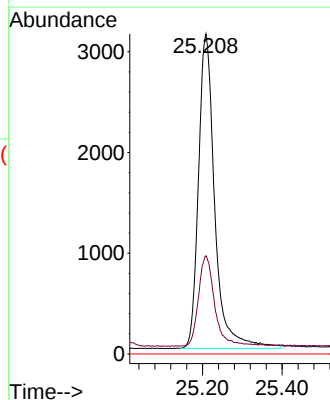
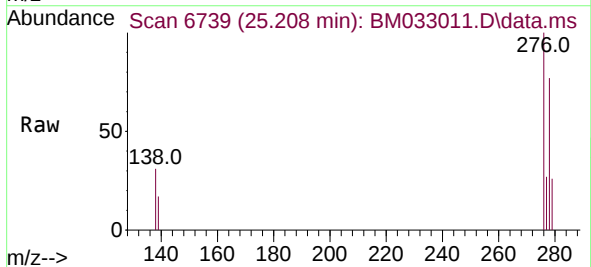
Instrument :
BNA_M
ClientSampleId :
SLCS384

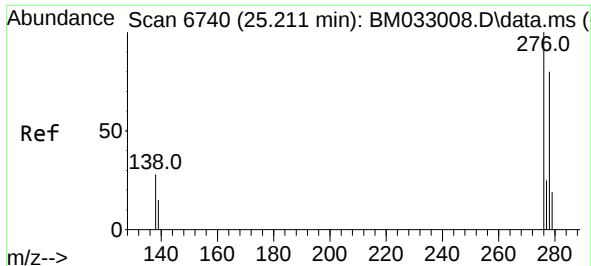
Tgt Ion:252	Resp:	7314
Ion Ratio	Lower	Upper
252	100	
253	36.4	27.1 40.7
125	22.9	17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 25.208 min Scan# 6739
Delta R.T. -0.005 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:276	Resp:	8882
Ion Ratio	Lower	Upper
276	100	
138	28.7	22.9 34.3
227	0.0	0.0 0.0

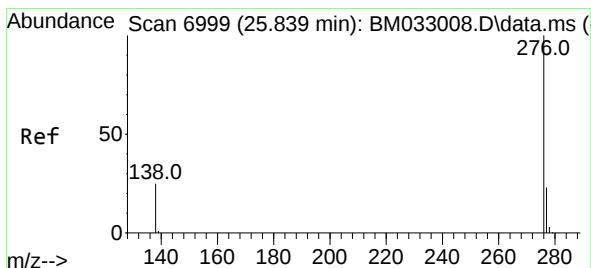
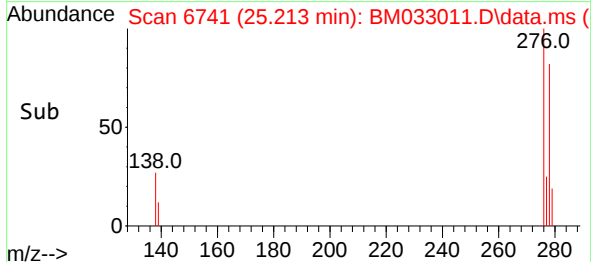
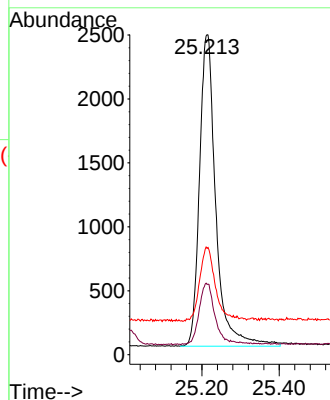
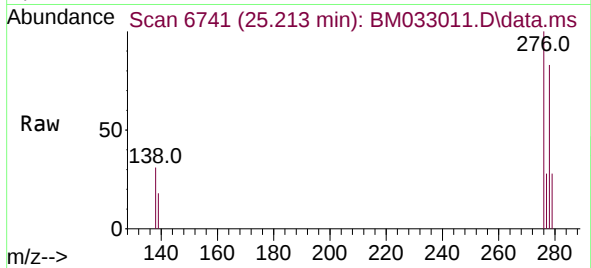




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 25.213 min Scan# 61
Delta R.T. -0.007 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Instrument :
BNA_M
ClientSampleId :
SLCS384

Tgt Ion:278 Resp: 7130
Ion Ratio Lower Upper
278 100
139 21.9 18.2 27.2
279 33.2 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 25.836 min Scan# 6998
Delta R.T. -0.007 min
Lab File: BM033011.D
Acq: 12 Nov 2021 04:40

Tgt Ion:276 Resp: 7838
Ion Ratio Lower Upper
276 100
138 27.9 22.2 33.2
277 26.2 21.0 31.4

