

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033186.D
 Acq On : 19 Nov 2021 21:17
 Operator : CG/JU
 Sample : PB140818BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS818

Quant Time: Nov 20 01:05:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

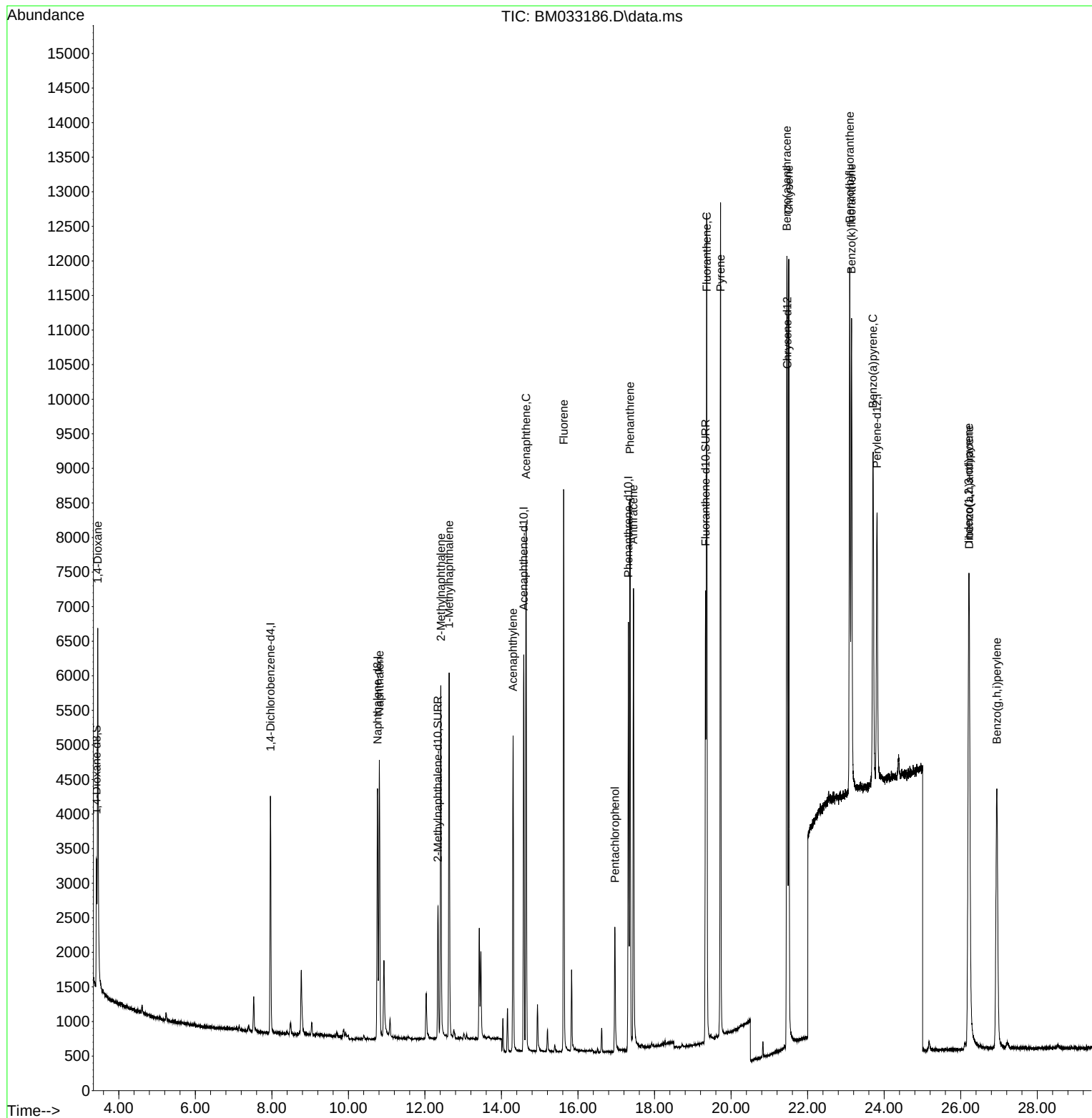
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	1817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	5138	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	3252	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7489	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	6903	0.400	ng/ul	0.00
23) Perylene-d12	23.813	264	5824	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	1227	0.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	2729	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	7400	0.370	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	3494	1.818	ng/ul	93
5) Naphthalene	10.810	128	5675	0.356	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	3843	0.373	ng/ul	96
8) 1-Methylnaphthalene	12.631	142	3733	0.366	ng/ul	99
10) Acenaphthylene	14.303	152	5458	0.359	ng/ul#	97
11) Acenaphthene	14.644	153	4533	0.363	ng/ul	99
12) Fluorene	15.623	166	5326	0.378	ng/ul	98
14) Pentachlorophenol	16.962	266	1390	0.556	ng/ul	98
15) Phenanthrene	17.358	178	8817	0.325	ng/ul	99
16) Anthracene	17.448	178	7731	0.352	ng/ul	98
19) Fluoranthene	19.361	202	10510	0.316	ng/ul	97
20) Pyrene	19.723	202	10738	0.326	ng/ul	96
21) Benzo(a)anthracene	21.453	228	9124	0.370	ng/ul	99
22) Chrysene	21.507	228	10059	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	10268	0.389	ng/ul	99
25) Benzo(k)fluoranthene	23.146	252	9907	0.381	ng/ul	99
26) Benzo(a)pyrene	23.706	252	8119	0.371	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.209	276	10021	0.364	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.221	278	7907	0.359	ng/ul	96
29) Benzo(g,h,i)perylene	26.943	276	8905	0.360	ng/ul	95

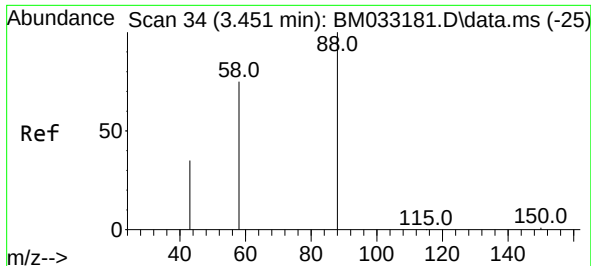
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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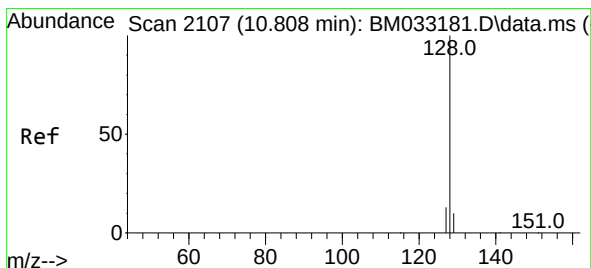
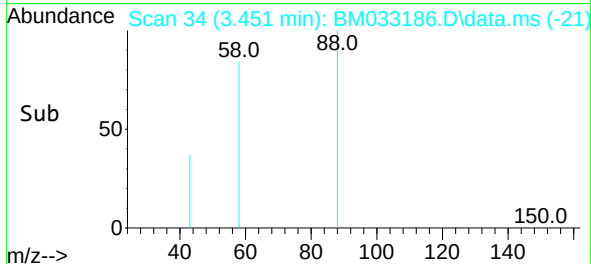
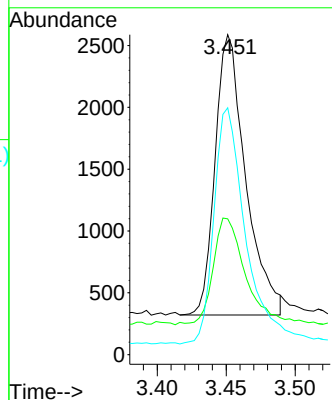
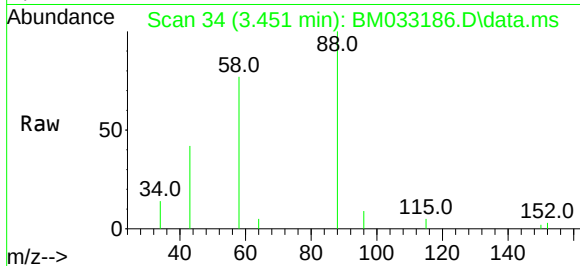




#2
1,4-Dioxane
Concen: 1.818 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.004 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

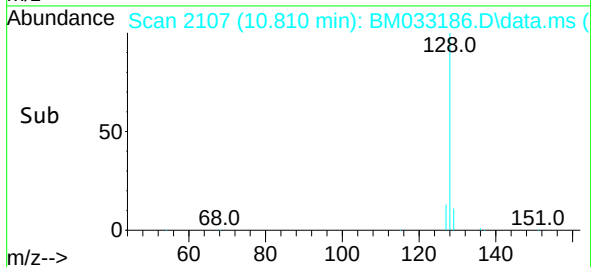
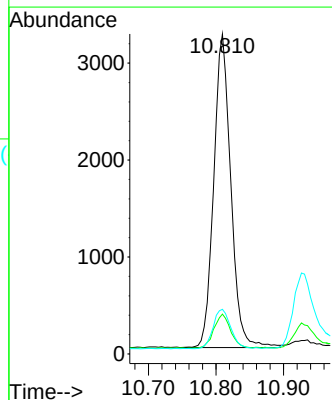
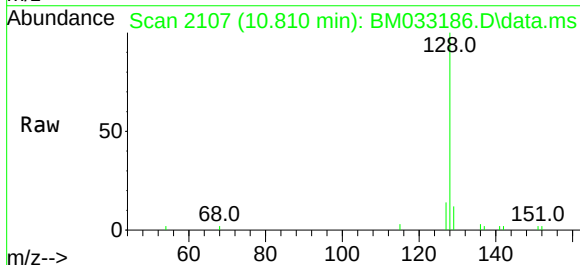
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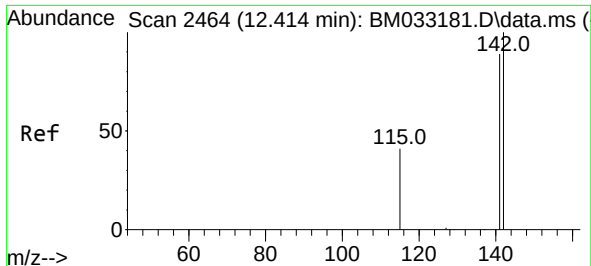
Tgt Ion: 88 Resp: 3494
Ion Ratio Lower Upper
88 100
43 42.5 35.8 53.8
58 77.1 55.8 83.8



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.810 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion: 128 Resp: 5675
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 13.9 11.8 17.8

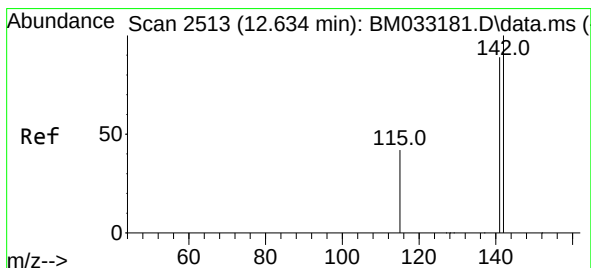
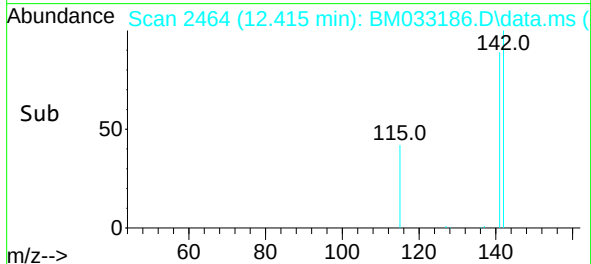
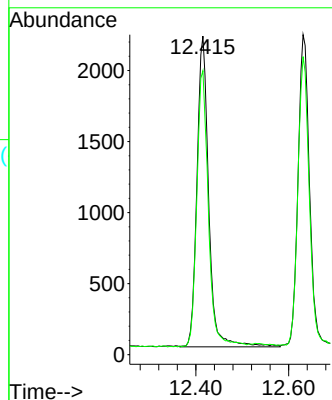
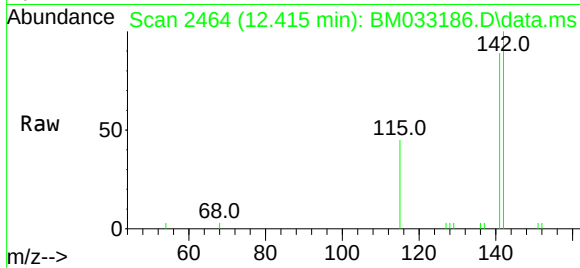




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.415 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

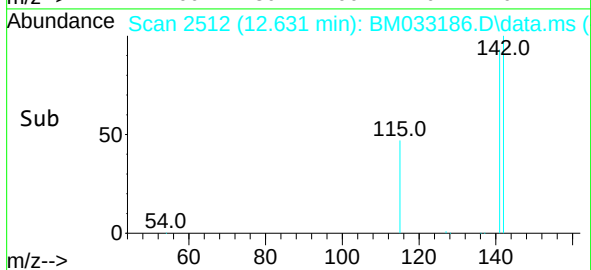
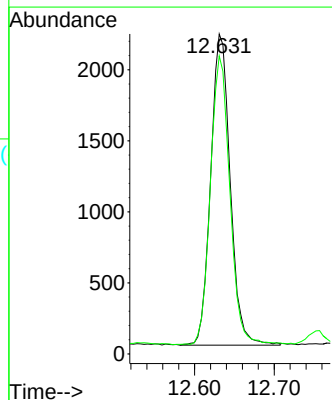
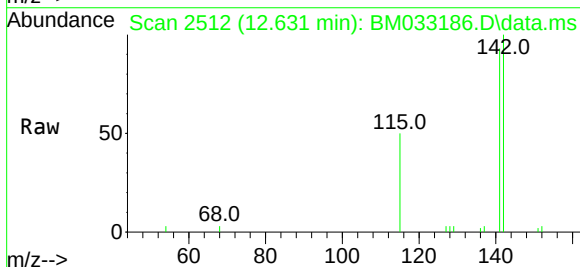
Instrument :
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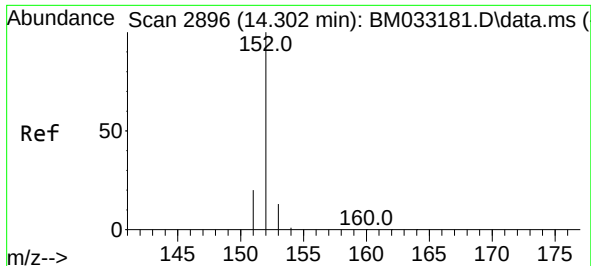
Tgt Ion:142 Resp: 3843
Ion Ratio Lower Upper
142 100
141 87.7 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:142 Resp: 3733
Ion Ratio Lower Upper
142 100
141 92.0 74.5 111.7

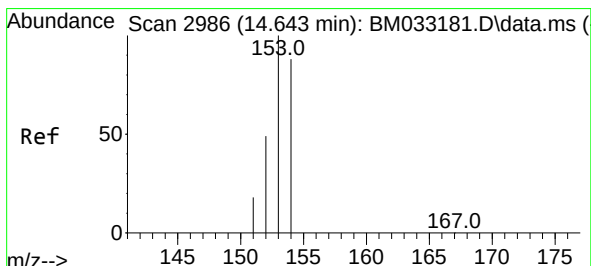
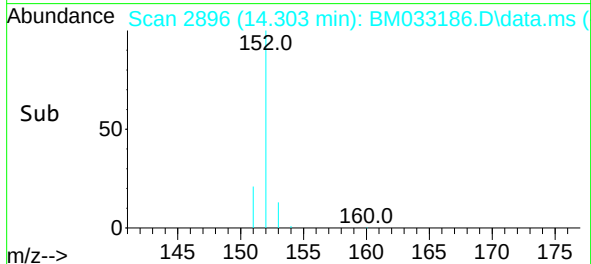
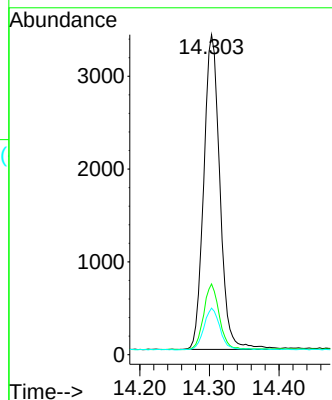
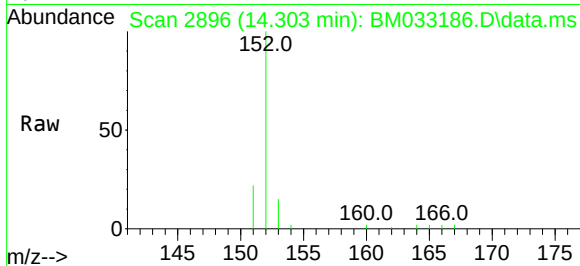




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.303 min Scan# 2896
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

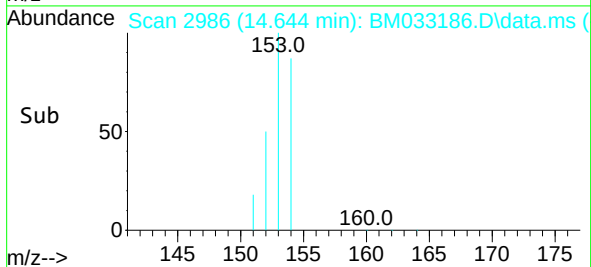
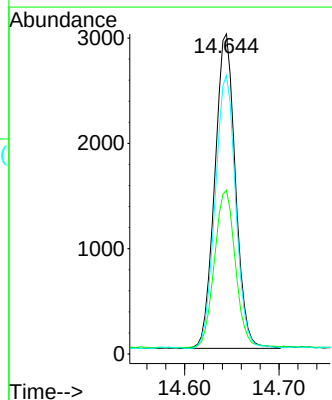
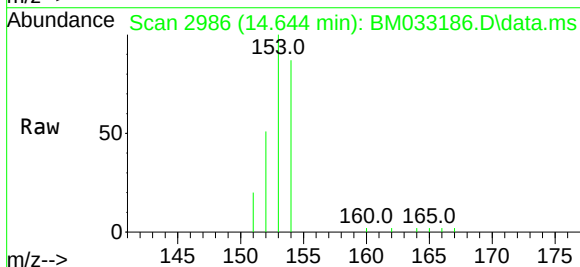
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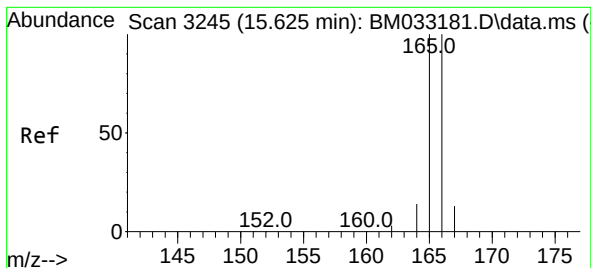
Tgt Ion:152 Resp: 5458
Ion Ratio Lower Upper
152 100
151 22.1 16.7 25.1
153 14.6 0.0 0.0#



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.644 min Scan# 2986
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:153 Resp: 4533
Ion Ratio Lower Upper
153 100
152 51.2 40.6 60.8
154 87.1 70.8 106.2





#12

Fluorene

Concen: 0.378 ng/ul

RT: 15.623 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM033186.D

Acq: 19 Nov 2021 21:17

Instrument :

BNA_M

ClientSampleId :

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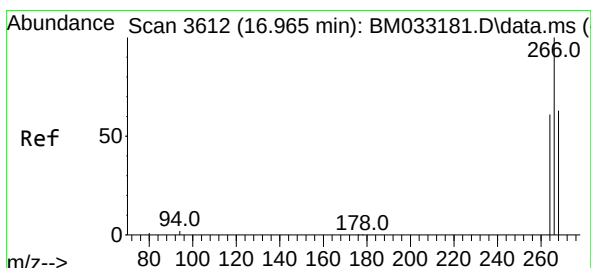
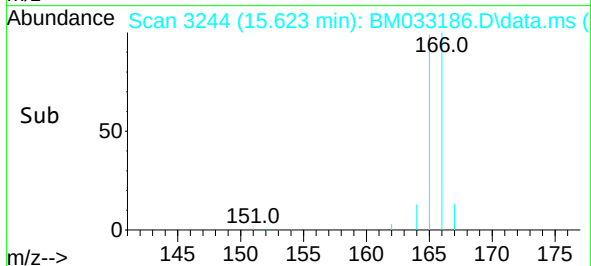
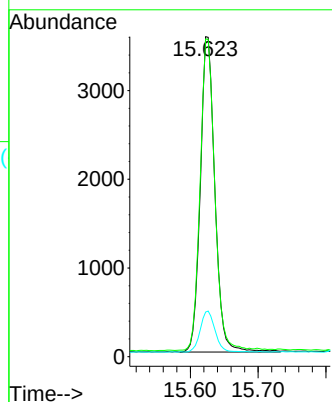
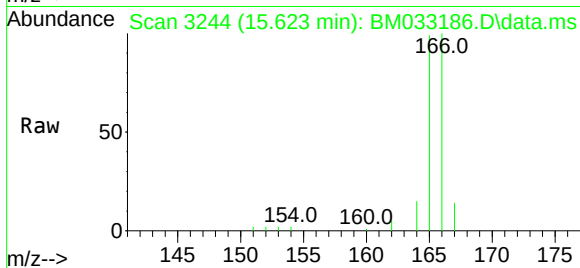
Tgt Ion:166 Resp: 5326

Ion Ratio Lower Upper

166 100

165 99.3 80.8 121.2

167 14.0 11.7 17.5



#14

Pentachlorophenol

Concen: 0.556 ng/ul

RT: 16.962 min Scan# 3611

Delta R.T. -0.004 min

Lab File: BM033186.D

Acq: 19 Nov 2021 21:17

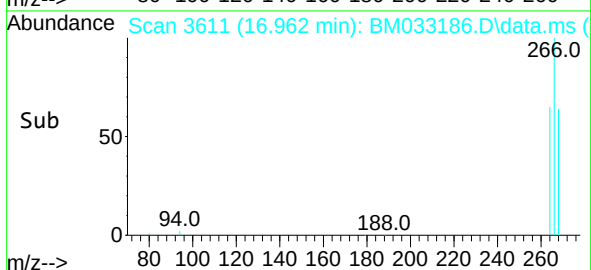
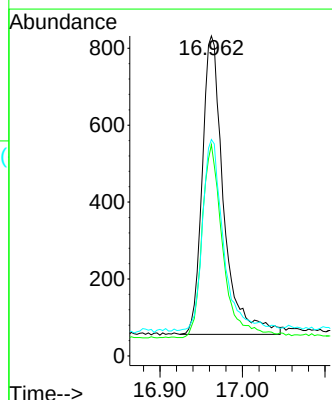
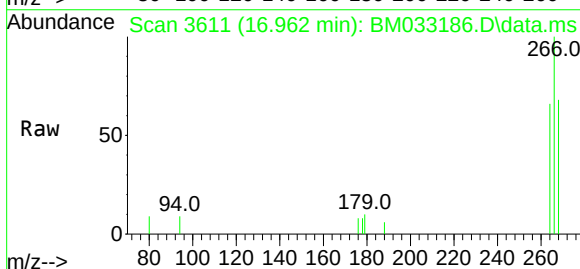
Tgt Ion:266 Resp: 1390

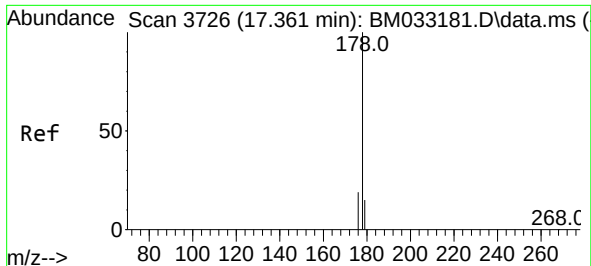
Ion Ratio Lower Upper

266 100

264 63.5 51.2 76.8

268 63.2 52.9 79.3

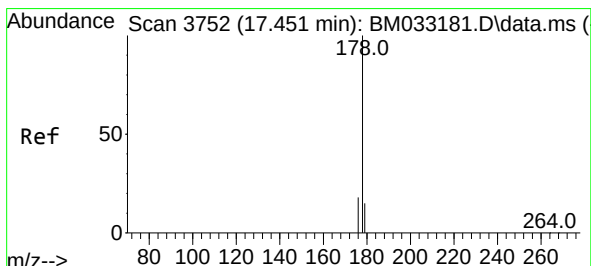
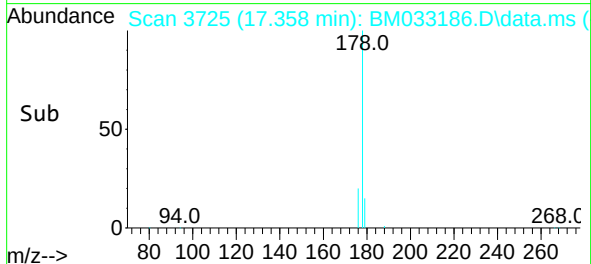
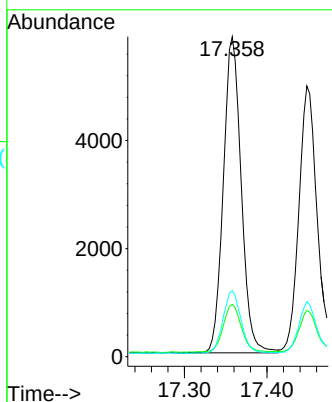
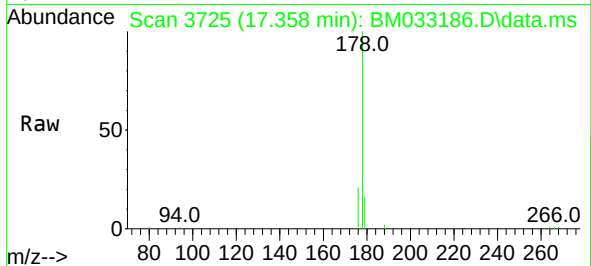




#15
Phenanthrene
Concen: 0.325 ng/ul
RT: 17.358 min Scan# 3725
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

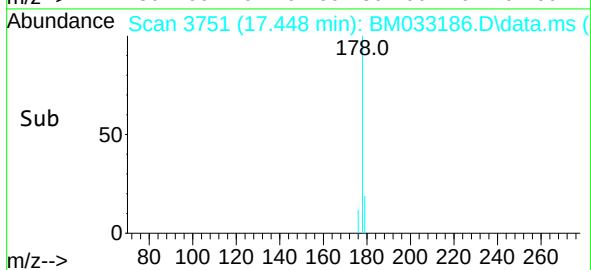
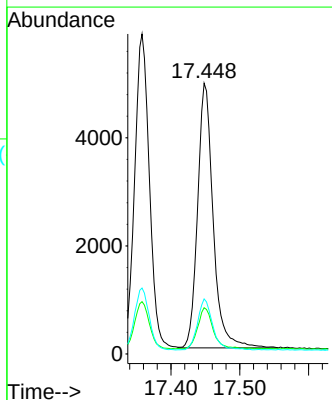
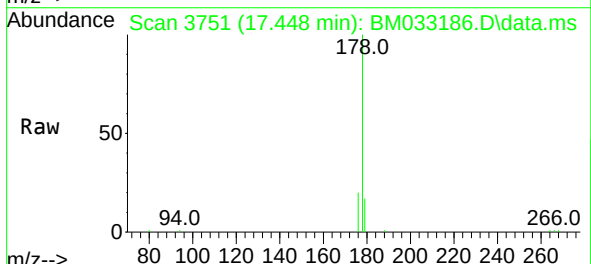
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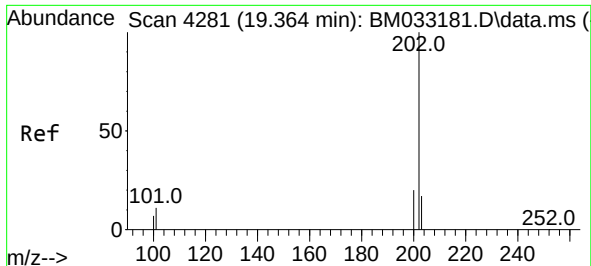
Tgt Ion:178 Resp: 8817
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.6 16.0 24.0



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.448 min Scan# 3751
Delta R.T. -0.004 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:178 Resp: 7731
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 20.3 15.6 23.4

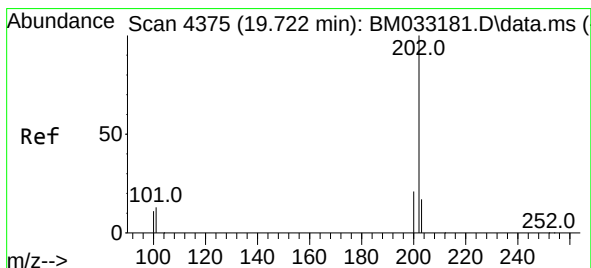
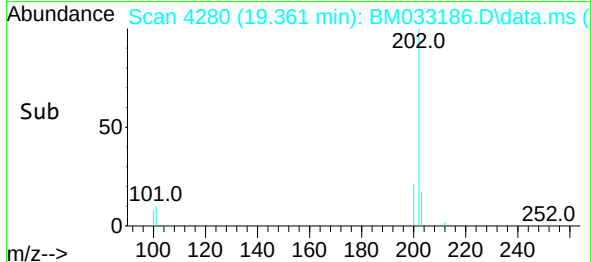
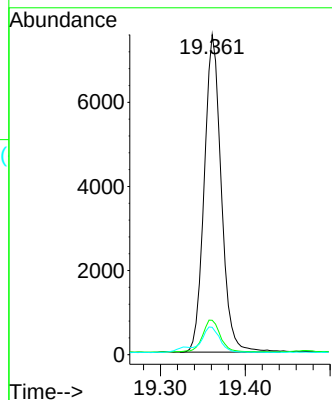
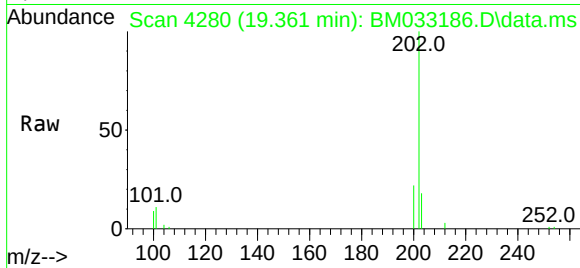




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.361 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

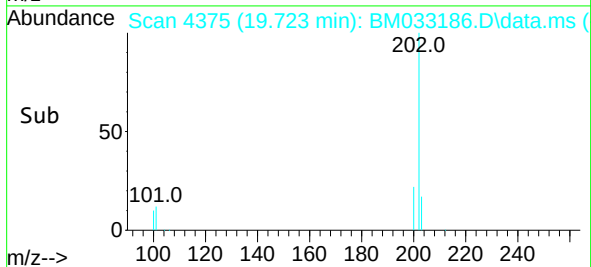
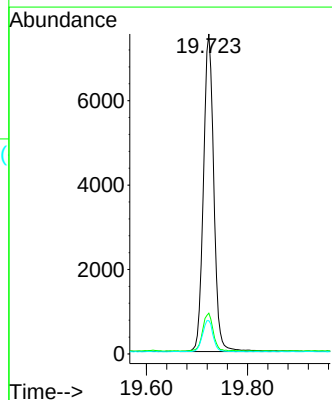
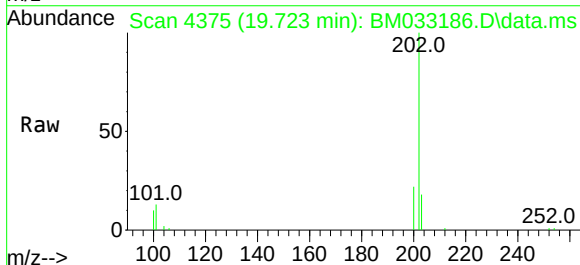
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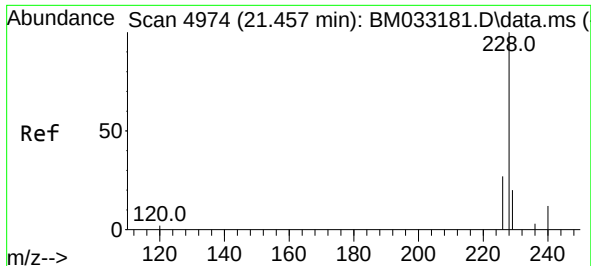
Tgt Ion:202 Resp: 10510
Ion Ratio Lower Upper
202 100
101 10.7 9.9 14.9
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.723 min Scan# 4375
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:202 Resp: 10738
Ion Ratio Lower Upper
202 100
101 12.8 11.8 17.6
100 10.4 9.5 14.3

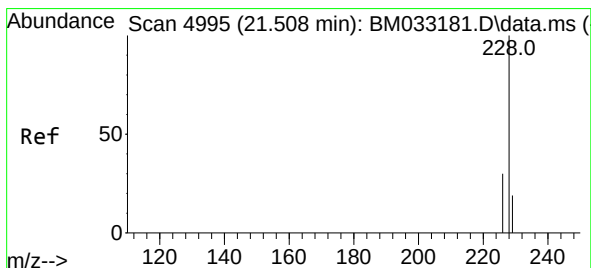
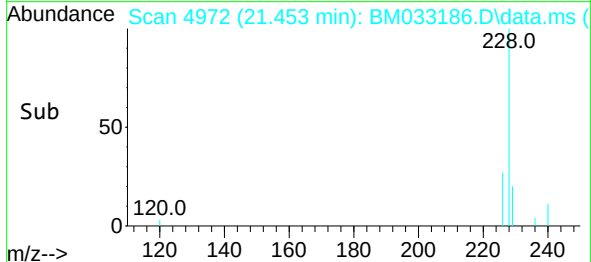
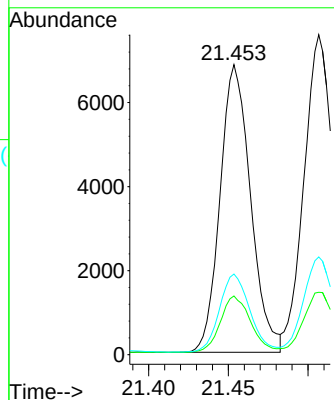
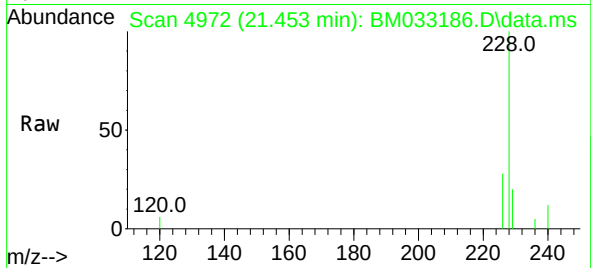




#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.453 min Scan# 4972
Delta R.T. -0.002 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

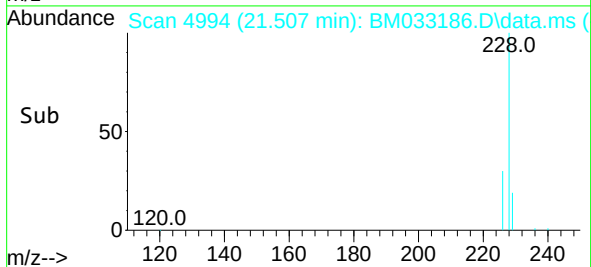
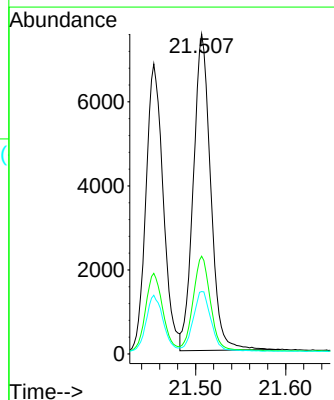
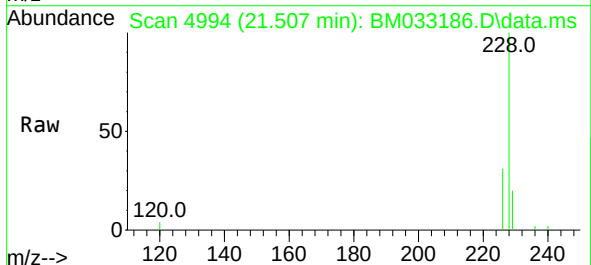
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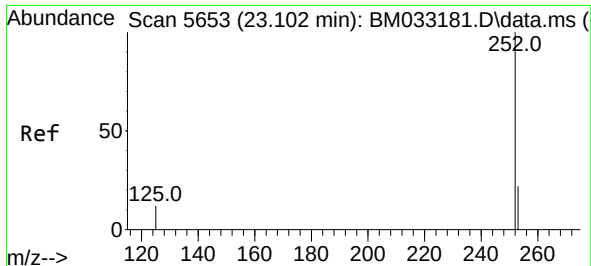
Tgt Ion:228 Resp: 9124
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.8 22.4 33.6



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.507 min Scan# 4994
Delta R.T. -0.000 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:228 Resp: 10059
Ion Ratio Lower Upper
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226 30.6 24.9 37.3
229 19.5 16.1 24.1

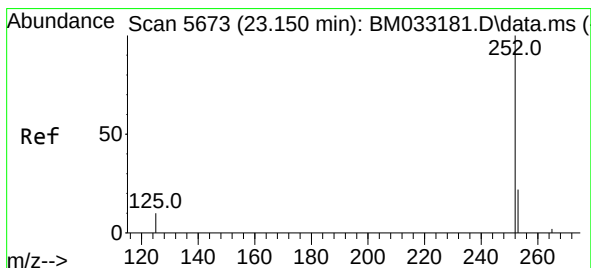
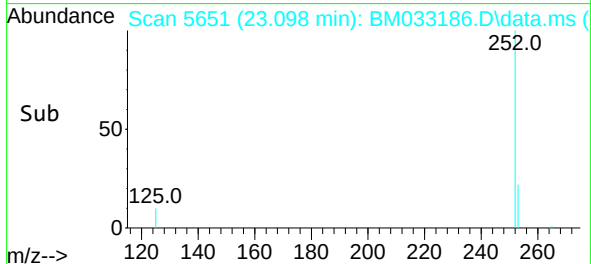
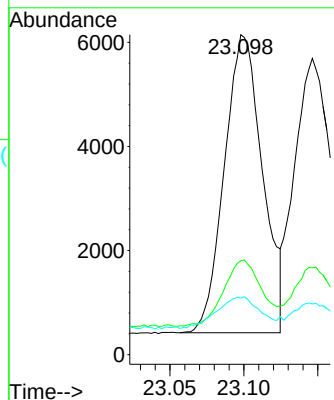
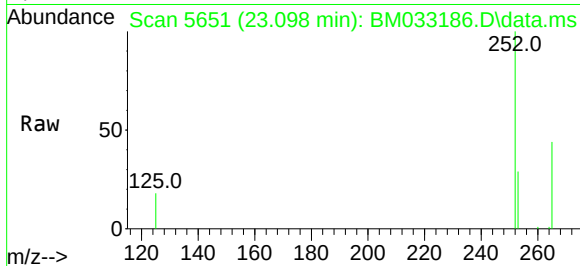




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.098 min Scan# 5651
Delta R.T. -0.003 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

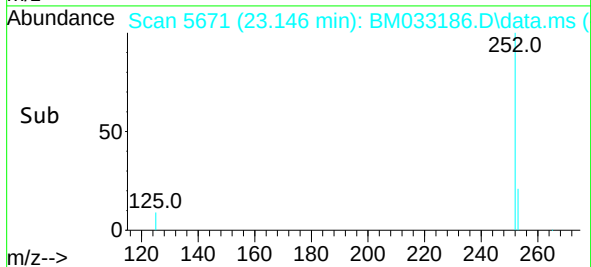
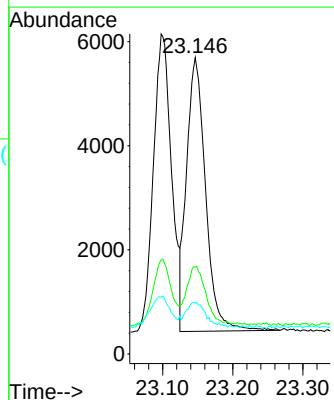
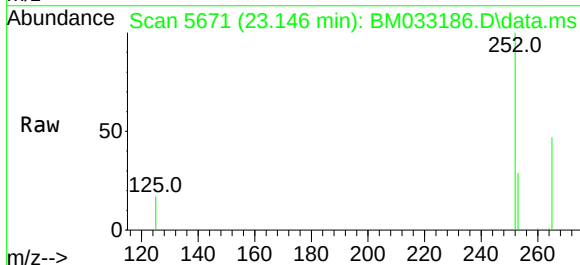
Instrument :
BNA_M
ClientSampleId :
SLCS818

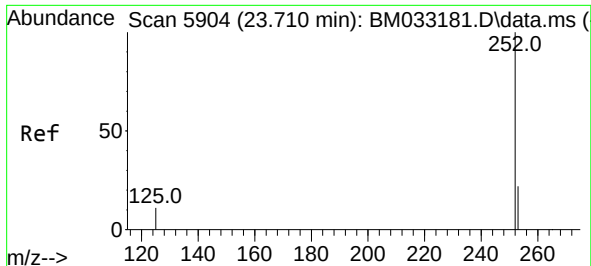
Tgt Ion:252 Resp: 10268
Ion Ratio Lower Upper
252 100
253 29.4 0.0 59.2
125 17.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.146 min Scan# 5671
Delta R.T. -0.003 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:252 Resp: 9907
Ion Ratio Lower Upper
252 100
253 29.3 23.1 34.7
125 17.1 14.6 21.8

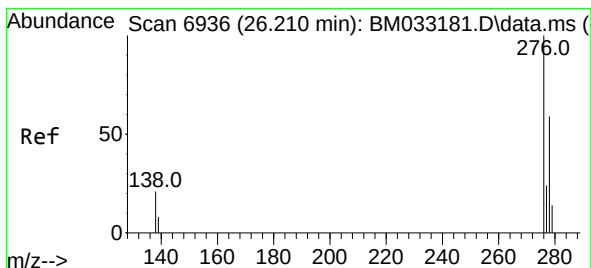
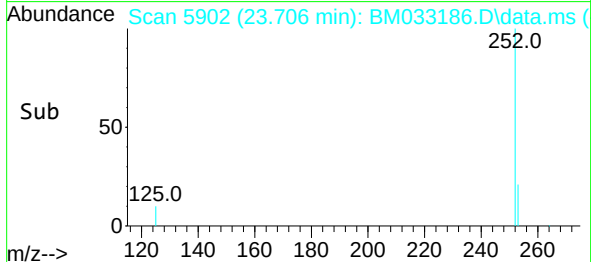
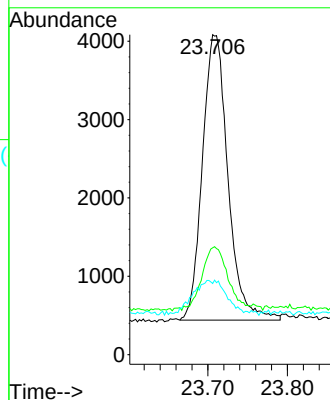
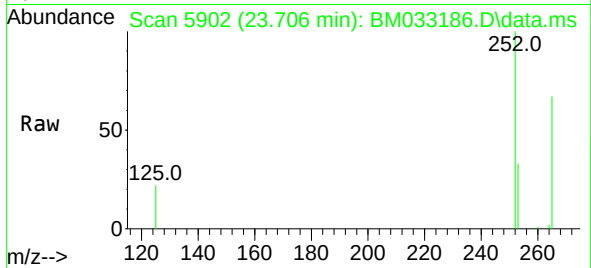




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.706 min Scan# 5902
Delta R.T. -0.005 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

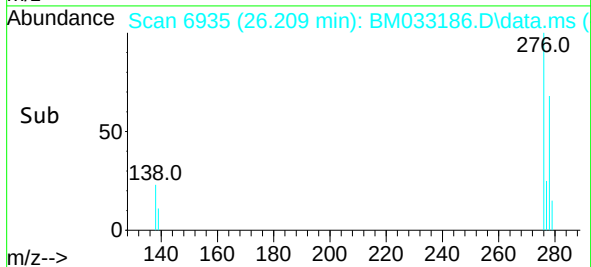
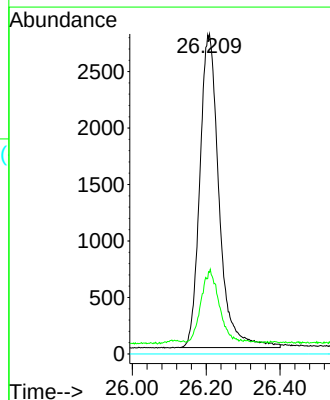
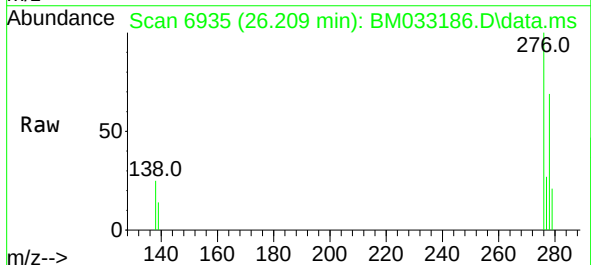
Instrument :
BNA_M
ClientSampleId :
SLCS818

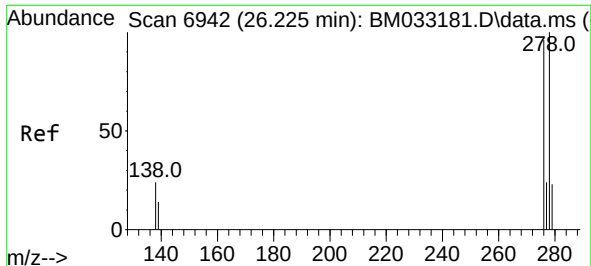
Tgt Ion:252 Resp: 8119
Ion Ratio Lower Upper
252 100
253 33.4 27.1 40.7
125 22.2 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.209 min Scan# 6935
Delta R.T. 0.002 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:276 Resp: 10021
Ion Ratio Lower Upper
276 100
138 21.5 22.9 34.3#
227 0.0 0.0 0.0

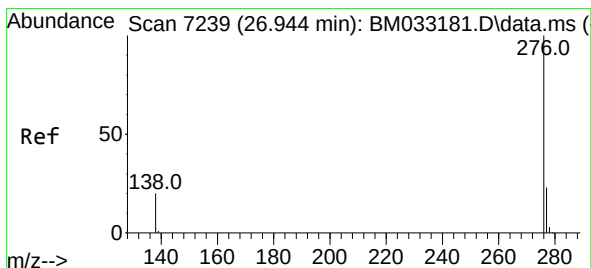
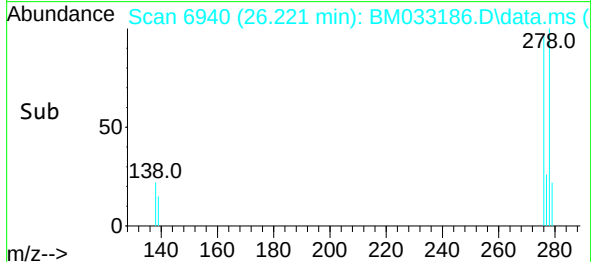
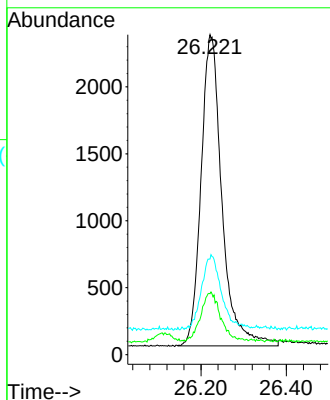
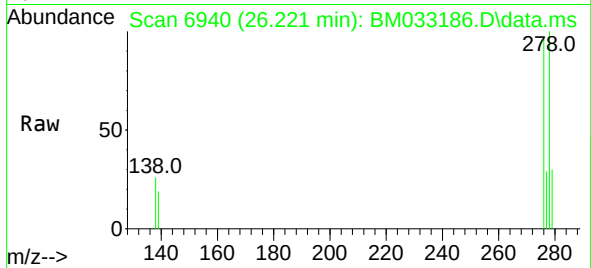




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.221 min Scan# 6942
Delta R.T. -0.005 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS818

Tgt Ion:278 Resp: 7907
Ion Ratio Lower Upper
278 100
139 19.0 18.2 27.2
279 29.9 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.943 min Scan# 7238
Delta R.T. 0.005 min
Lab File: BM033186.D
Acq: 19 Nov 2021 21:17

Tgt Ion:276 Resp: 8905
Ion Ratio Lower Upper
276 100
138 23.1 22.2 33.2
277 26.5 21.0 31.4

