

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035594.D
 Acq On : 22 Jun 2022 04:51
 Operator : CG/JU
 Sample : PB145592BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS592

Quant Time: Jun 22 05:38:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

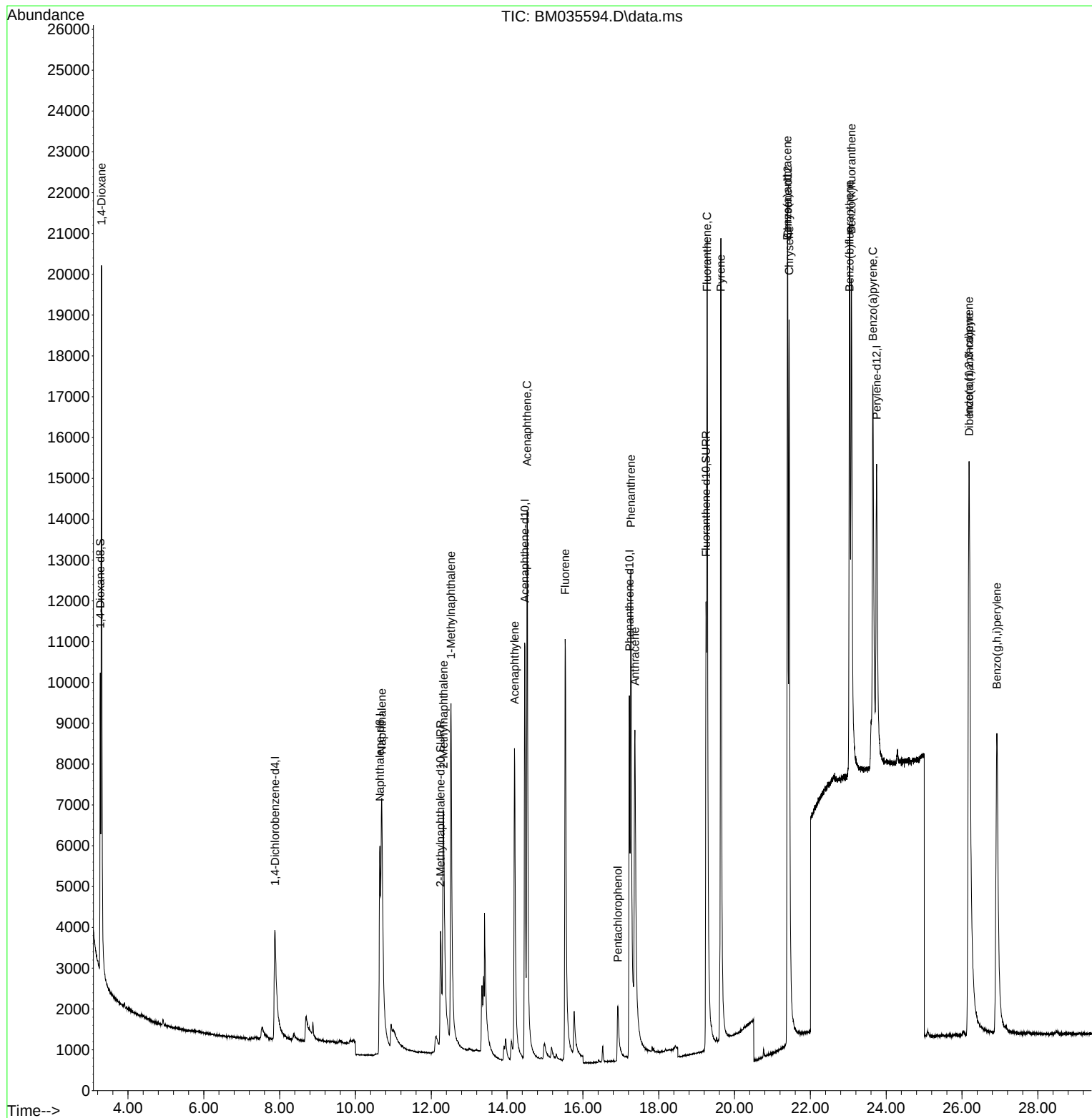
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	3817	0.400	ng/ul	0.02
4) Naphthalene-d8	10.644	136	14875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	7921	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	15526	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	13258	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	12919	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4515	0.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	8153	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	16631	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	11521	2.155	ng/ul#	56
5) Naphthalene	10.694	128	15439	0.306	ng/ul	100
7) 2-Methylnaphthalene	12.321	142	9164	0.318	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	9565	0.362	ng/ul	99
10) Acenaphthylene	14.196	152	14855	0.333	ng/ul	100
11) Acenaphthene	14.529	153	11040	0.334	ng/ul	99
12) Fluorene	15.533	166	12040	0.322	ng/ul	98
14) Pentachlorophenol	16.916	266	1920	0.645	ng/ul	100
15) Phenanthrene	17.267	178	18277	0.321	ng/ul	99
16) Anthracene	17.372	178	15754	0.316	ng/ul	99
19) Fluoranthene	19.275	202	22245	0.328	ng/ul	97
20) Pyrene	19.638	202	23825	0.335	ng/ul	97
21) Benzo(a)anthracene	21.392	228	16839	0.336	ng/ul	100
22) Chrysene	21.439	228	20552	0.345	ng/ul	99
24) Benzo(b)fluoranthene	23.034	252	19357	0.342	ng/ul	99
25) Benzo(k)fluoranthene	23.081	252	19689	0.335	ng/ul	99
26) Benzo(a)pyrene	23.648	252	20206	0.345	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.185	276	24224	0.359	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.192	278	19814	0.359	ng/ul	97
29) Benzo(g,h,i)perylene	26.920	276	21803	0.360	ng/ul	99

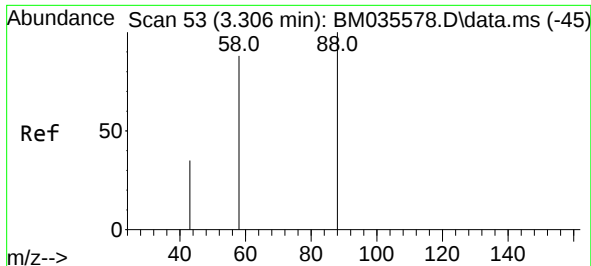
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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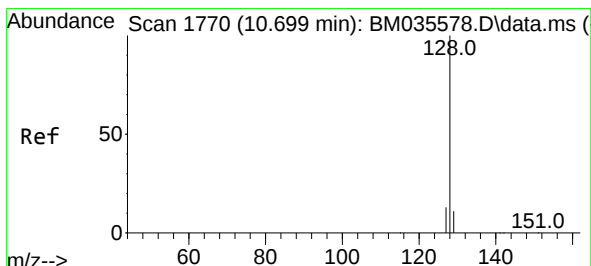
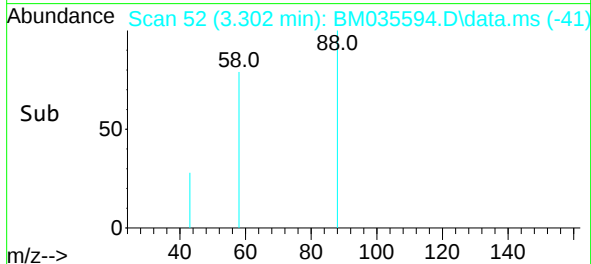
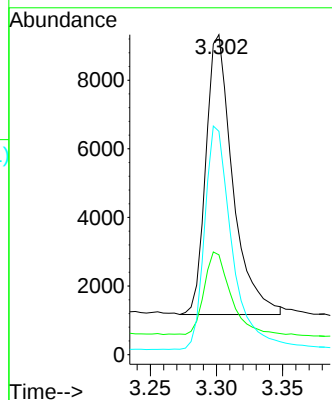
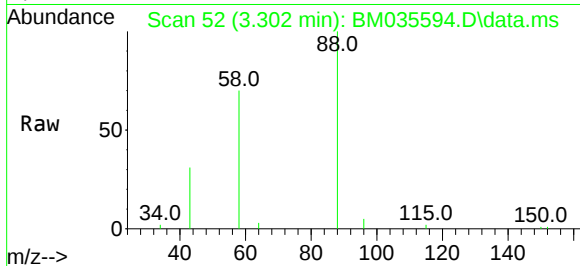




#2
1,4-Dioxane
Concen: 2.155 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

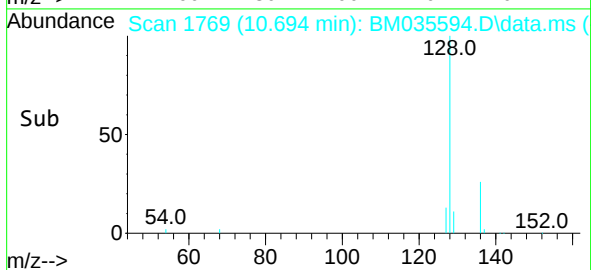
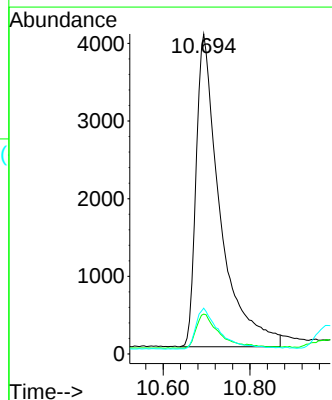
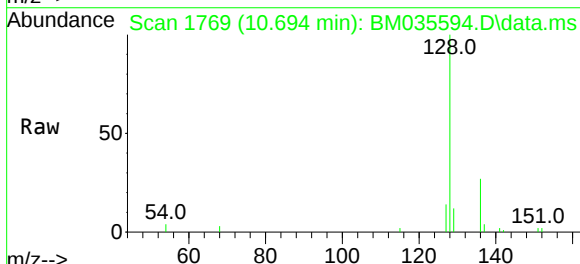
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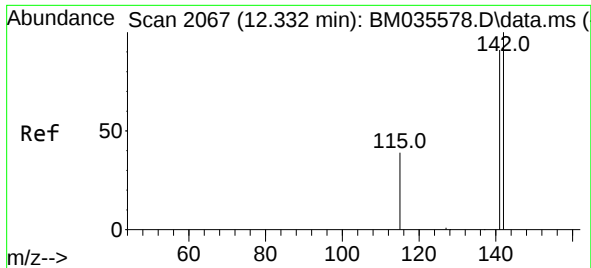
Tgt Ion: 88 Resp: 11521
Ion Ratio Lower Upper
88 100
43 31.2 70.4 105.6#
58 69.8 45.6 68.4#



#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion: 128 Resp: 15439
Ion Ratio Lower Upper
128 100
129 12.4 10.1 15.1
127 14.3 11.4 17.2

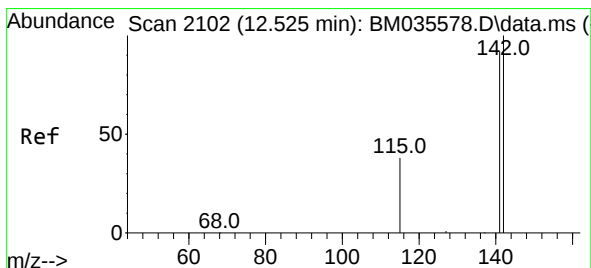
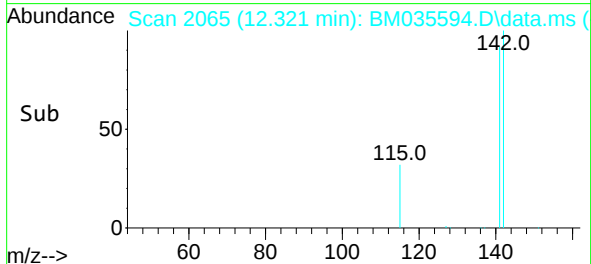
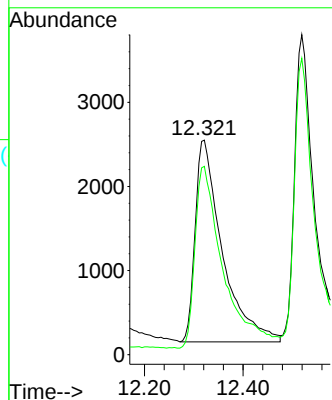
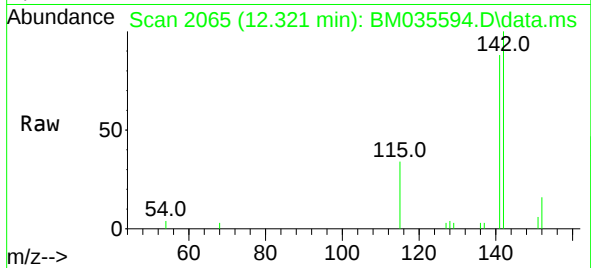




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

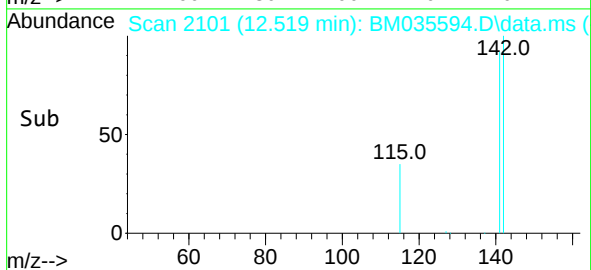
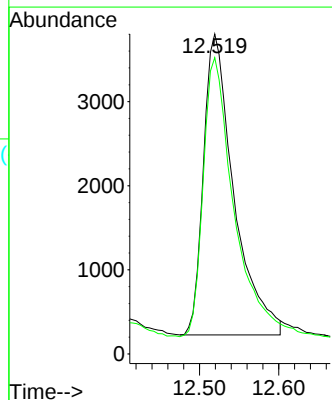
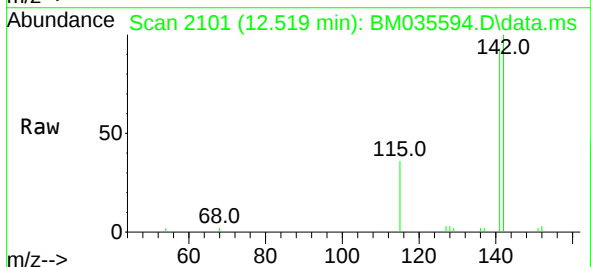
Instrument :
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ClientSampleId :
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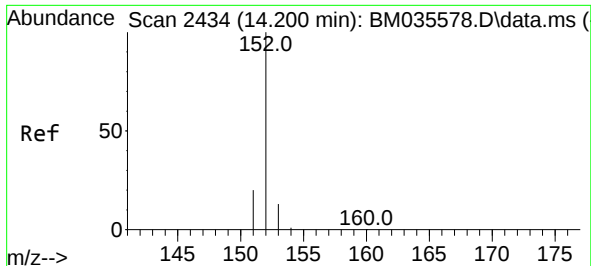
Tgt Ion:142 Resp: 9164
Ion Ratio Lower Upper
142 100
141 94.2 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:142 Resp: 9565
Ion Ratio Lower Upper
142 100
141 92.7 74.6 111.8

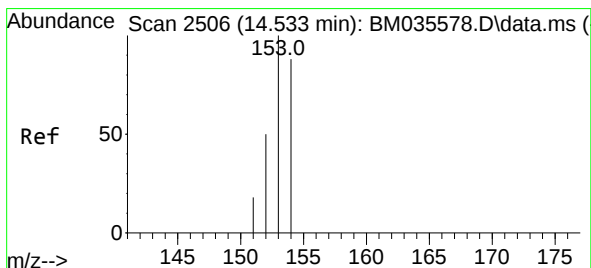
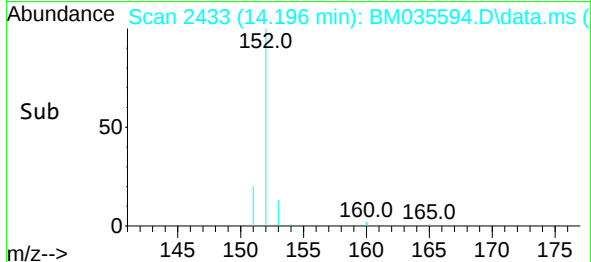
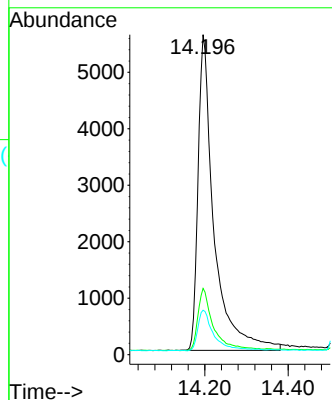
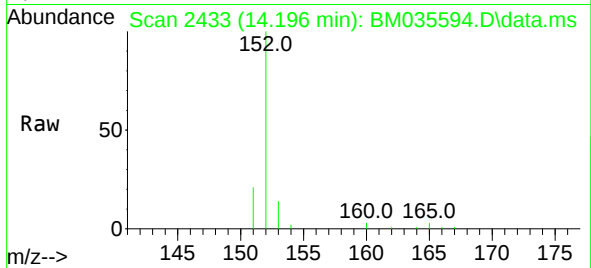




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

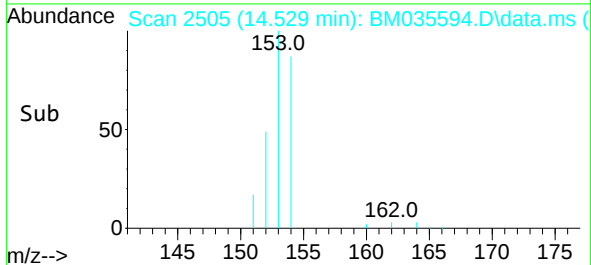
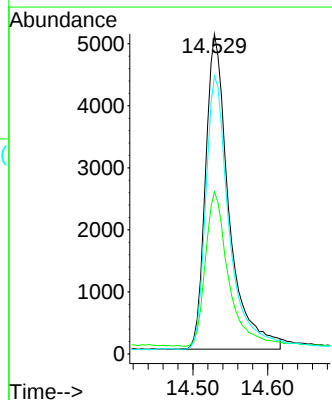
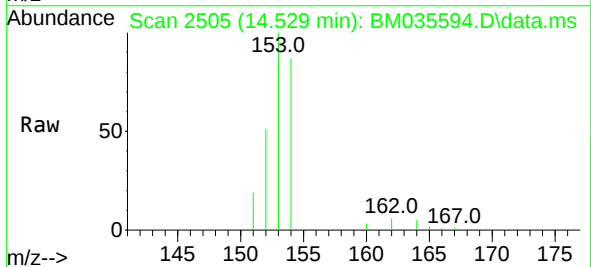
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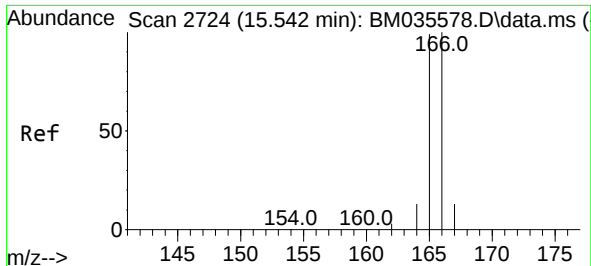
Tgt Ion:152 Resp: 14855
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:153 Resp: 11040
Ion Ratio Lower Upper
153 100
152 50.7 40.0 60.0
154 86.9 69.1 103.7

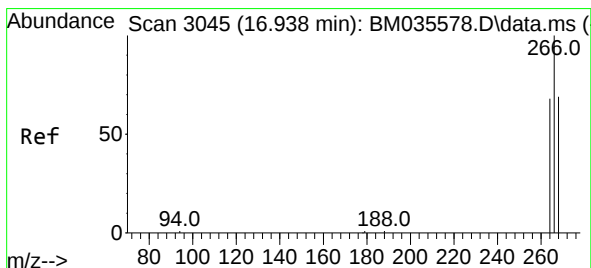
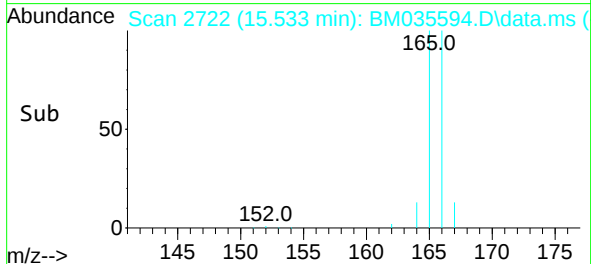
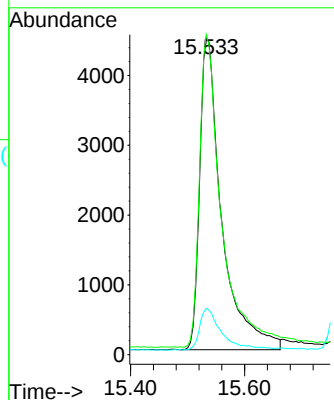
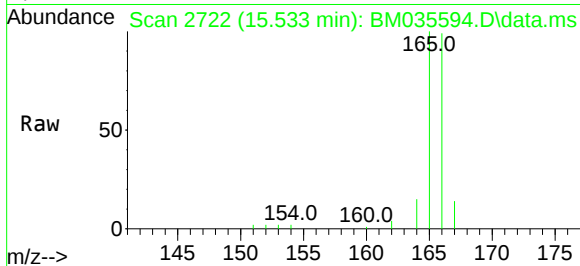




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.533 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

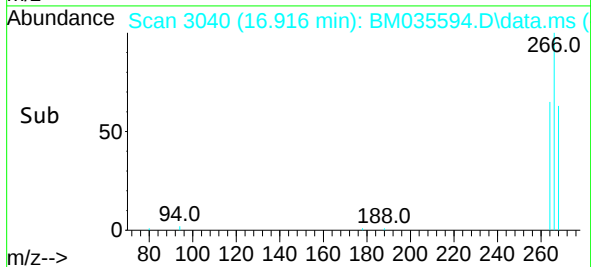
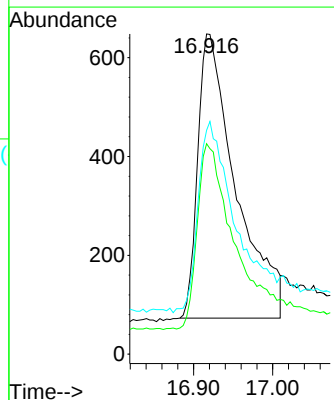
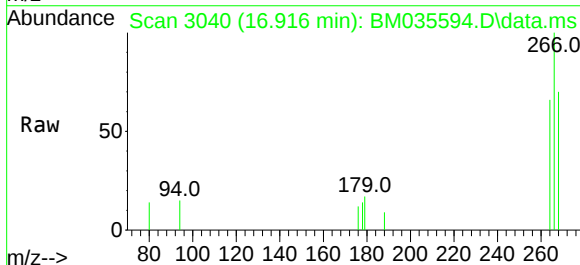
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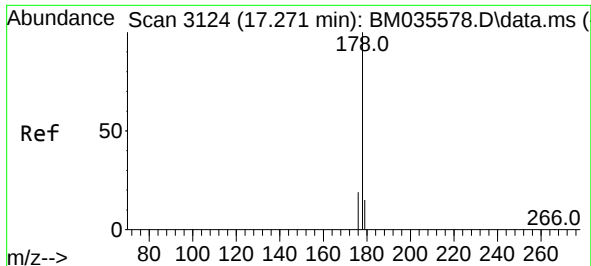
Tgt Ion:166 Resp: 12040
Ion Ratio Lower Upper
166 100
165 100.9 78.7 118.1
167 14.6 11.6 17.4



#14
Pentachlorophenol
Concen: 0.645 ng/ul
RT: 16.916 min Scan# 3040
Delta R.T. -0.013 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:266 Resp: 1920
Ion Ratio Lower Upper
266 100
264 63.4 51.0 76.4
268 64.1 51.7 77.5

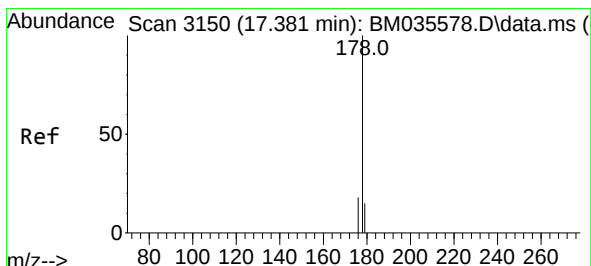
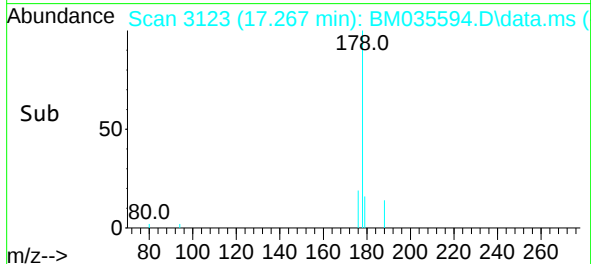
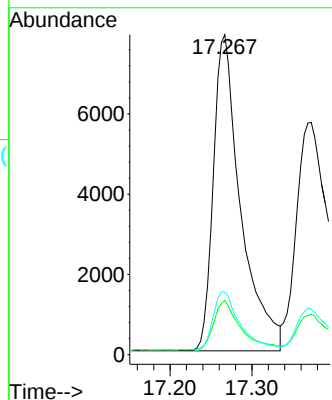
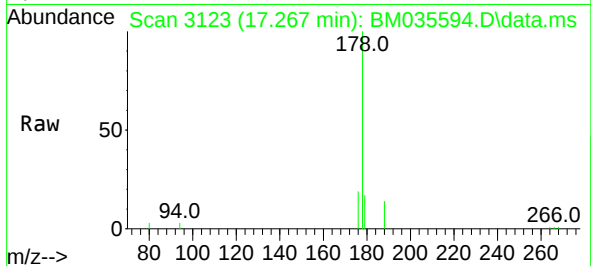




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.267 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

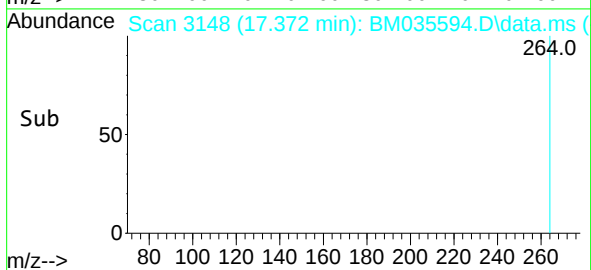
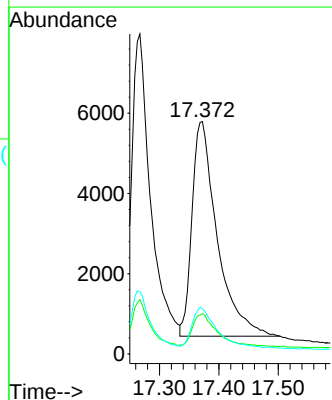
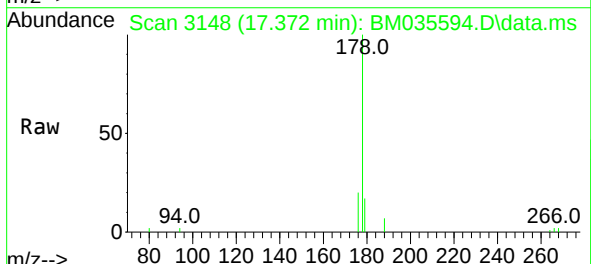
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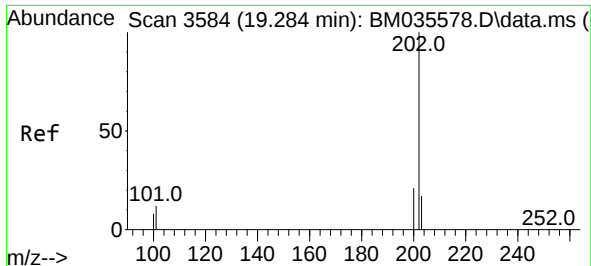
Tgt Ion:178 Resp: 18277
Ion Ratio Lower Upper
178 100
179 17.0 13.2 19.8
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.372 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:178 Resp: 15754
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.0
176 19.5 15.9 23.9

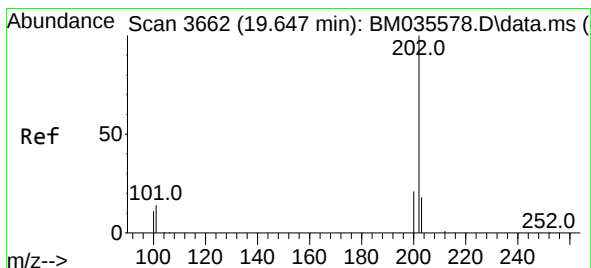
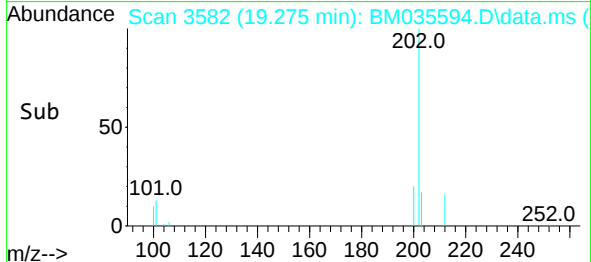
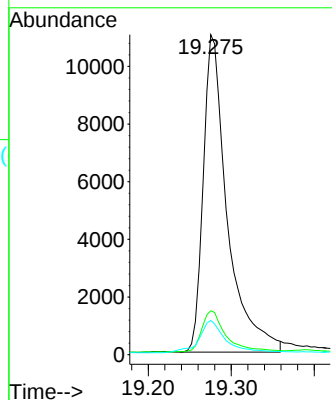
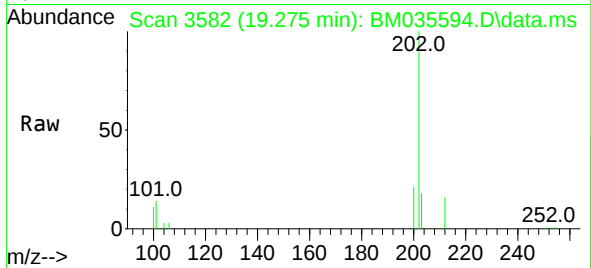




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.275 min Scan# 3582
Delta R.T. -0.010 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

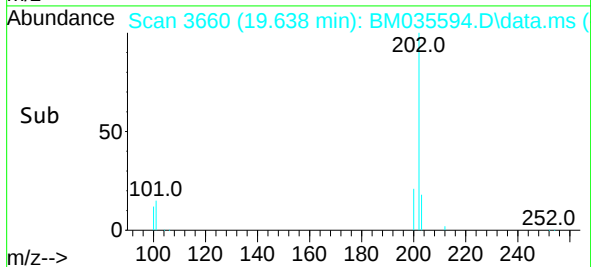
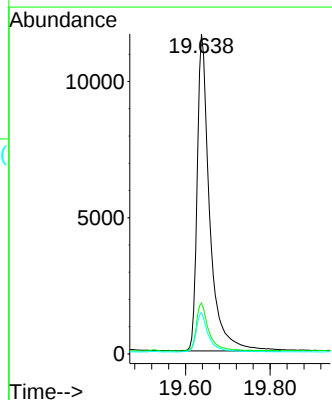
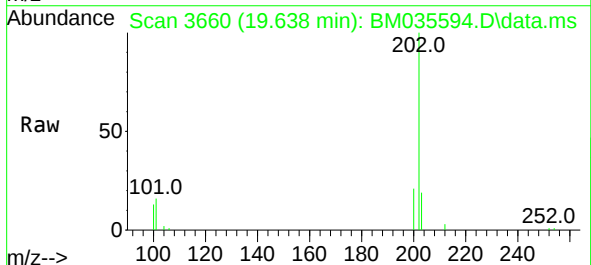
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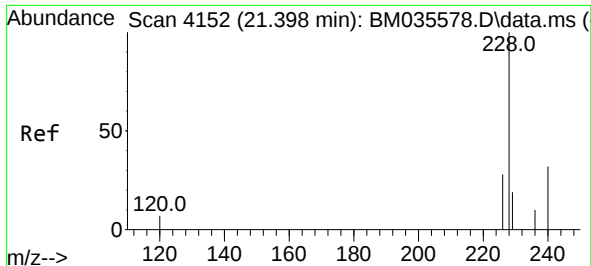
Tgt Ion:202 Resp: 22245
Ion Ratio Lower Upper
202 100
101 13.7 10.0 15.0
100 10.7 7.5 11.3



#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.638 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:202 Resp: 23825
Ion Ratio Lower Upper
202 100
101 16.0 11.6 17.4
100 12.9 9.3 13.9

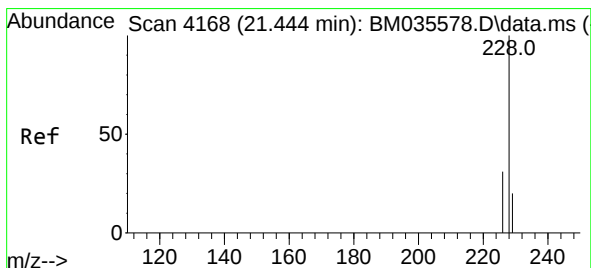
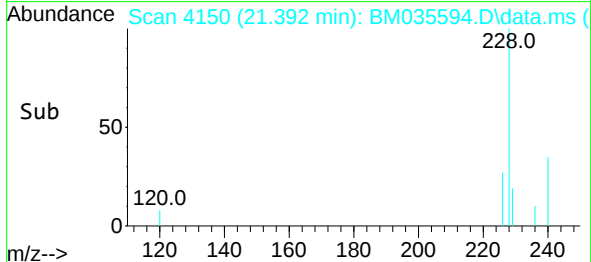
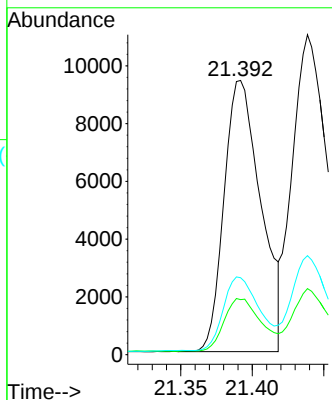
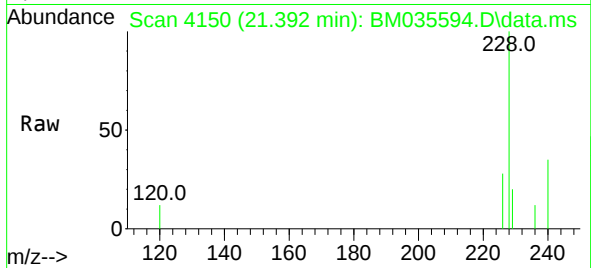




#21
Benzo(a)anthracene
Concen: 0.336 ng/u1
RT: 21.392 min Scan# 4152
Delta R.T. -0.008 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

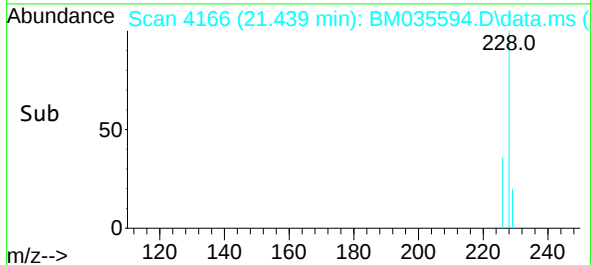
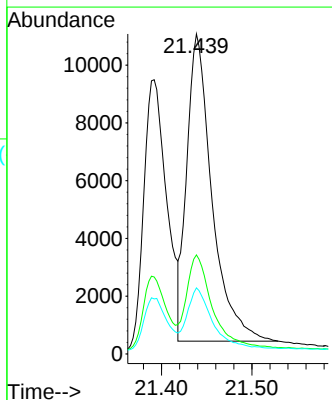
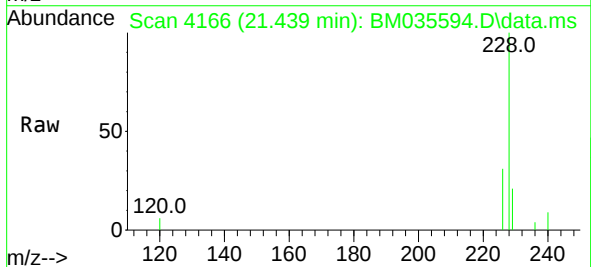
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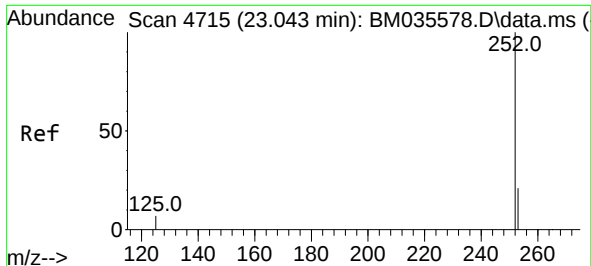
Tgt Ion:228 Resp: 16839
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.345 ng/u1
RT: 21.439 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:228 Resp: 20552
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.7 15.8 23.8

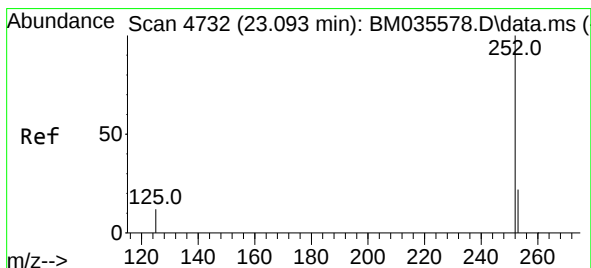
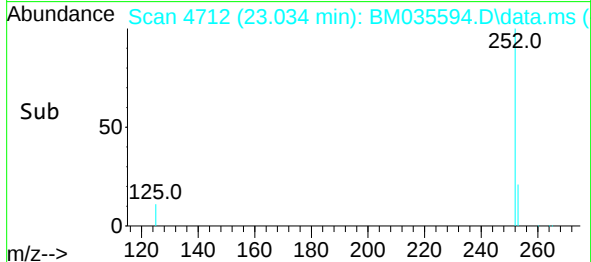
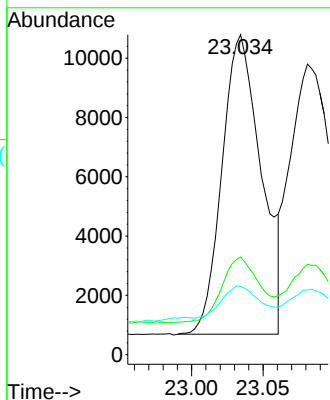
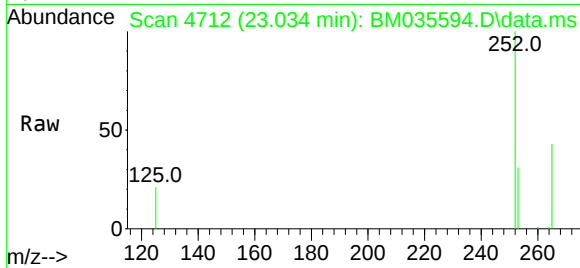




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.034 min Scan# 4715
Delta R.T. -0.017 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

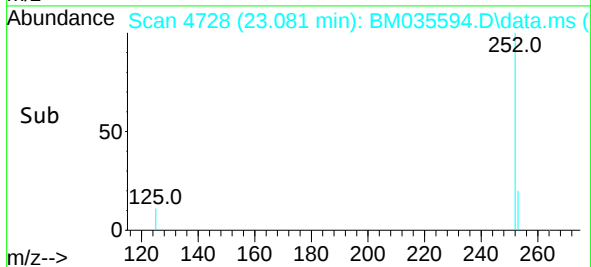
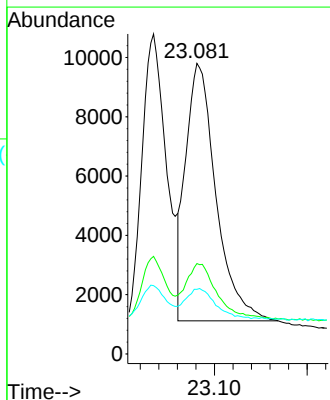
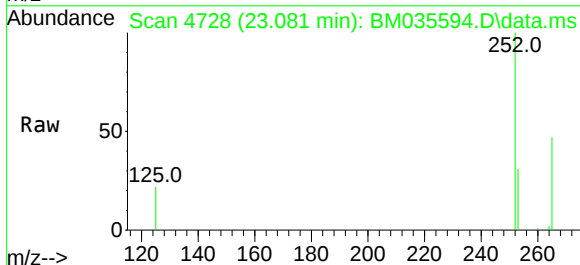
Instrument :
BNA_M
ClientSampleId :
SLCS592

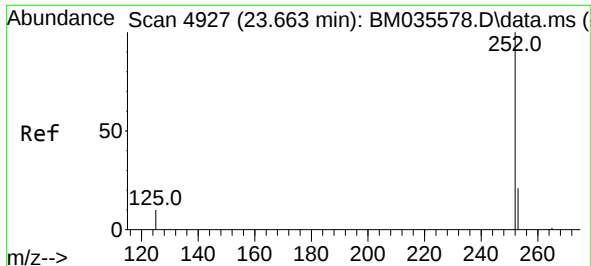
Tgt Ion:252 Resp: 19357
Ion Ratio Lower Upper
252 100
253 30.5 0.0 60.6
125 21.4 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.081 min Scan# 4728
Delta R.T. -0.017 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:252 Resp: 19689
Ion Ratio Lower Upper
252 100
253 31.1 24.7 37.1
125 22.3 18.2 27.4

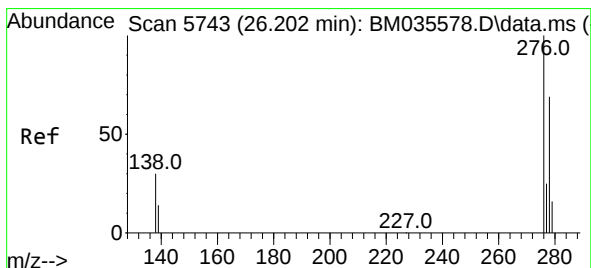
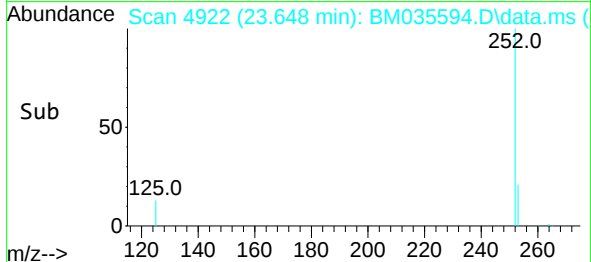
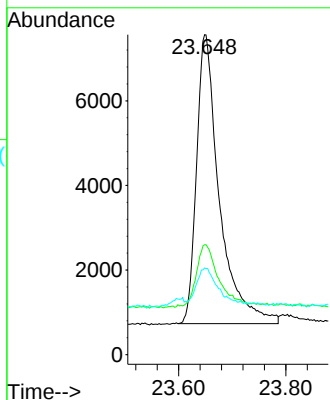
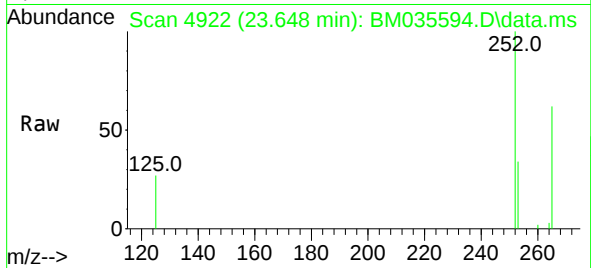




#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.648 min Scan# 4922
Delta R.T. -0.020 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

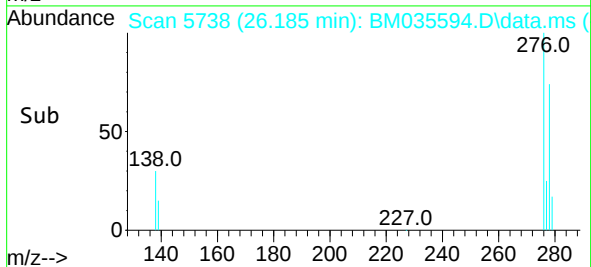
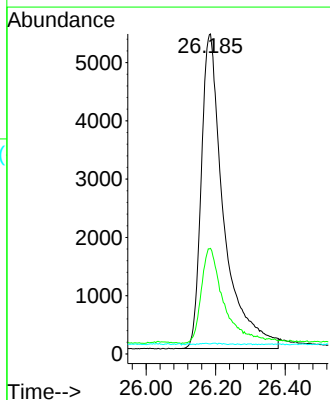
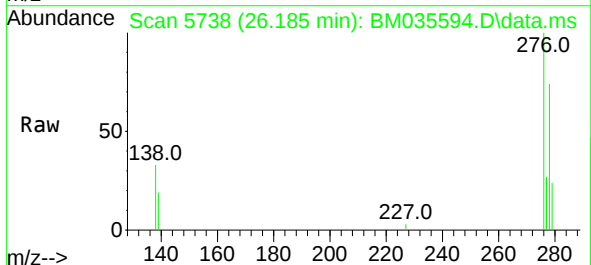
Instrument :
BNA_M
ClientSampleId :
SLCS592

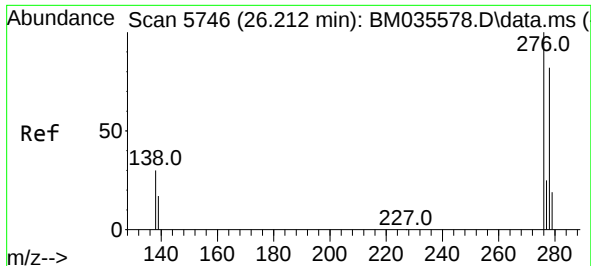
Tgt Ion:252 Resp: 20206
Ion Ratio Lower Upper
252 100
253 34.4 27.8 41.6
125 27.1 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.185 min Scan# 5738
Delta R.T. -0.026 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:276 Resp: 24224
Ion Ratio Lower Upper
276 100
138 31.0 24.8 37.2
227 0.1 0.1 0.1#

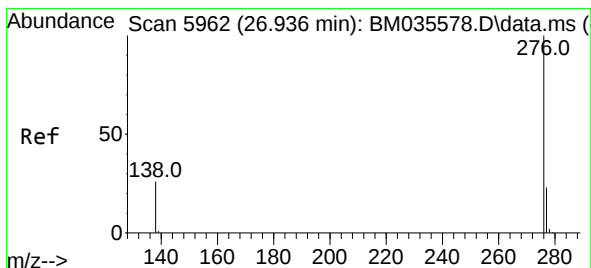
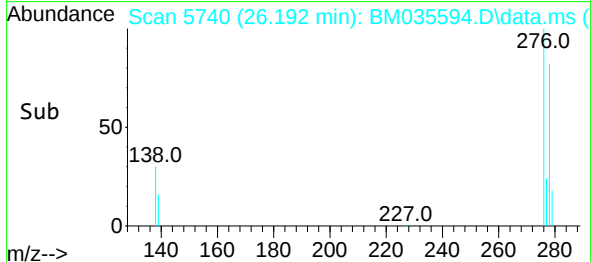
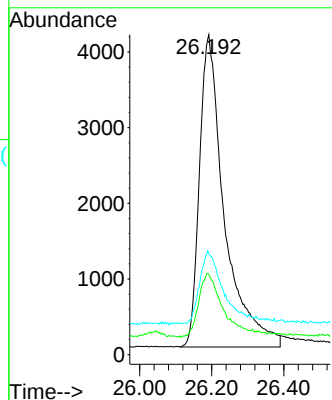
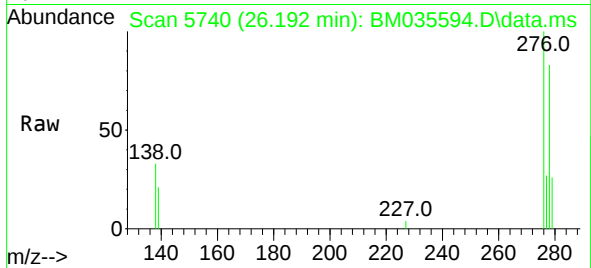




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.029 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Instrument :
BNA_M
ClientSampleId :
SLCS592

Tgt Ion:278 Resp: 19814
Ion Ratio Lower Upper
278 100
139 25.1 19.1 28.7
279 31.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.920 min Scan# 5957
Delta R.T. -0.026 min
Lab File: BM035594.D
Acq: 22 Jun 2022 04:51

Tgt Ion:276 Resp: 21803
Ion Ratio Lower Upper
276 100
138 29.7 23.1 34.7
277 25.5 20.3 30.5

