

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031183.D
 Acq On : 27 Jul 2021 04:17
 Operator : CG/JU
 Sample : PB137860BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS860

Quant Time: Jul 27 06:23:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

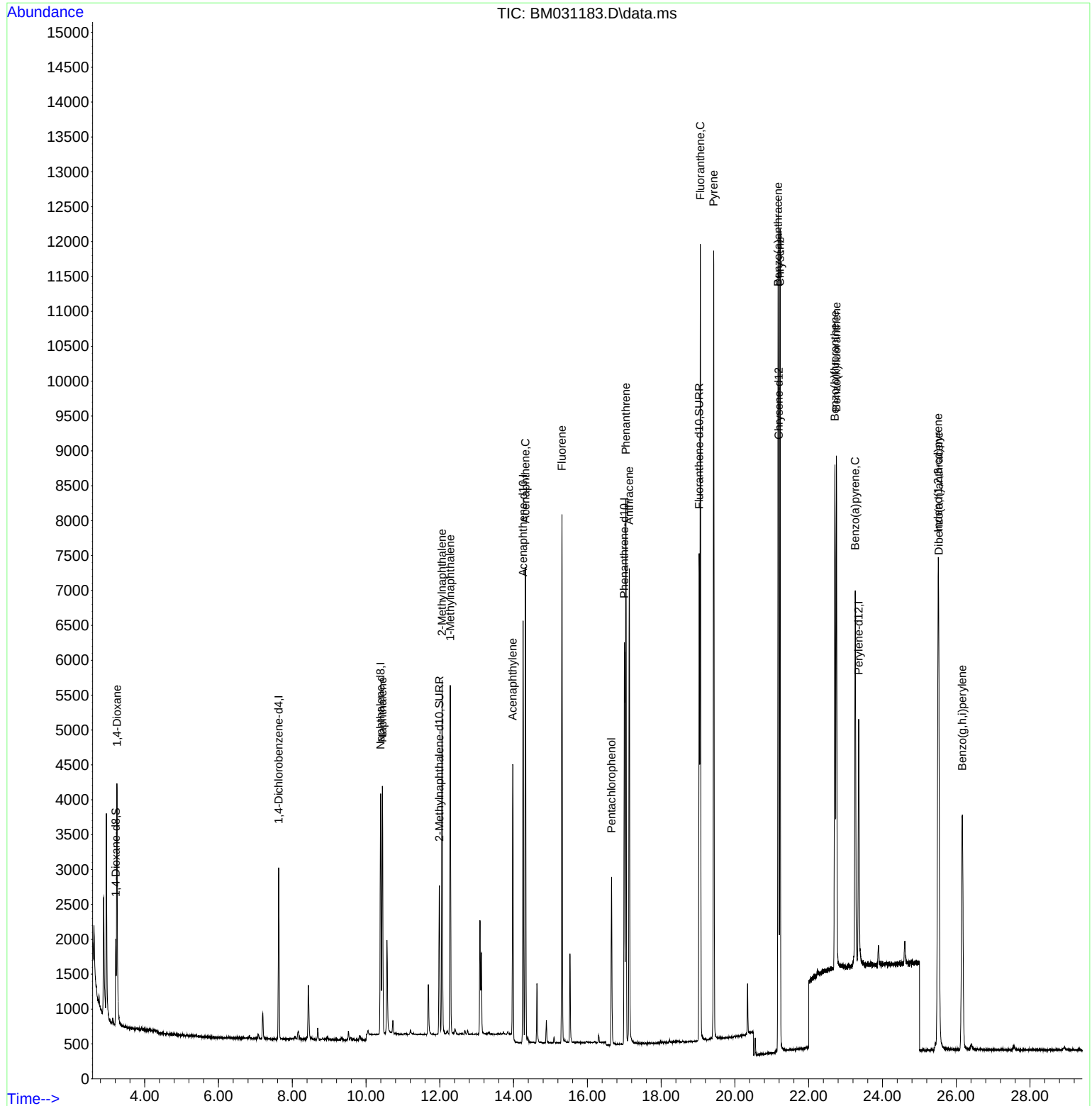
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1229	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.397	136	4757	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	3258	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	7176	0.400	ng/ul	-0.01
17) Chrysene-d12	21.188	240	5771	0.400	ng/ul	-0.01
23) Perylene-d12	23.355	264	4531	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	846	0.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	2869	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	7812	0.444	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.248	88	2243	1.778	ng/ul#	83
5) Naphthalene	10.441	128	4787	0.337	ng/ul	99
7) 2-Methylnaphthalene	12.061	142	3460	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.281	142	3247	0.325	ng/ul	100
10) Acenaphthylene	13.977	152	4471	0.336	ng/ul	99
11) Acenaphthene	14.322	153	3951	0.335	ng/ul	98
12) Fluorene	15.312	166	4695	0.339	ng/ul	99
14) Pentachlorophenol	16.655	266	1567	0.631	ng/ul	98
15) Phenanthrene	17.044	178	8075	0.354	ng/ul	99
16) Anthracene	17.134	178	7509	0.352	ng/ul	98
19) Fluoranthene	19.062	202	9864	0.425	ng/ul	97
20) Pyrene	19.424	202	9952	0.420	ng/ul	97
21) Benzo(a)anthracene	21.171	228	9188	0.399	ng/ul	100
22) Chrysene	21.224	228	9882	0.396	ng/ul	99
24) Benzo(b)fluoranthene	22.711	252	9170	0.430	ng/ul	97
25) Benzo(k)fluoranthene	22.752	252	9107	0.421	ng/ul	98
26) Benzo(a)pyrene	23.261	252	7370	0.400	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.509	276	8623	0.357	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.524	278	7022	0.363	ng/ul	99
29) Benzo(g,h,i)perylene	26.166	276	7110	0.347	ng/ul	98

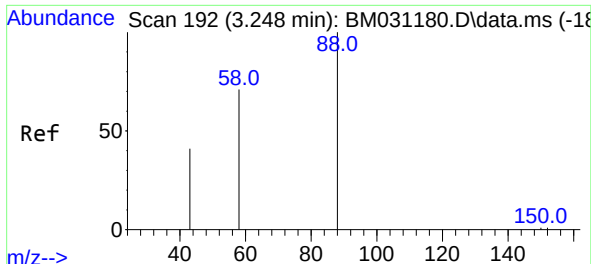
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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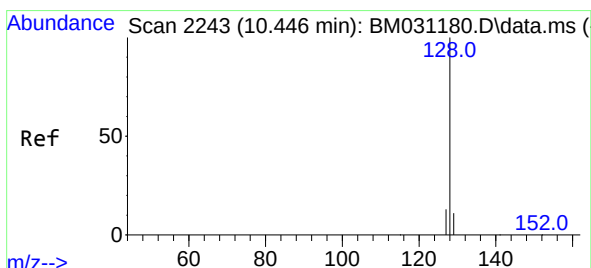
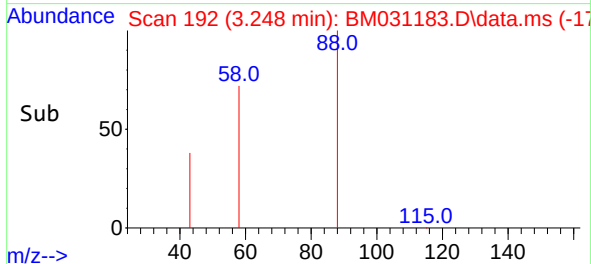
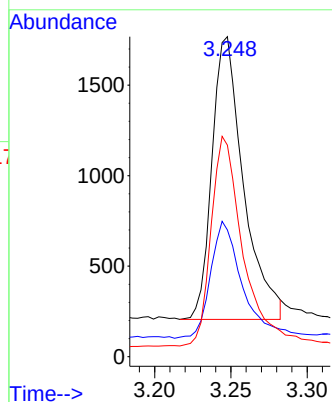
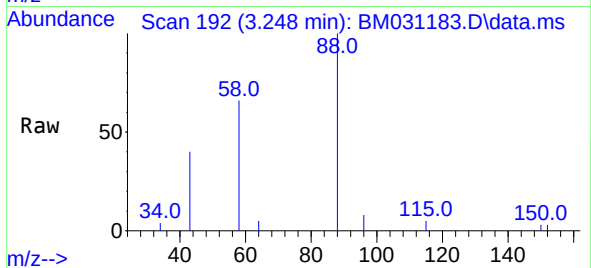




#2
1,4-Dioxane
Concen: 1.778 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. -0.004 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

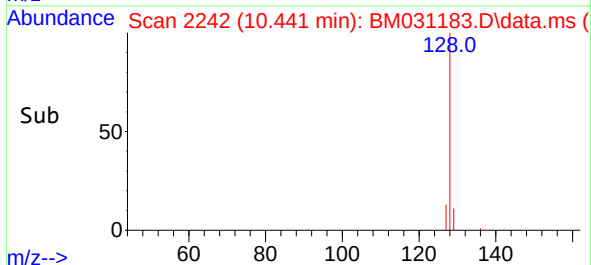
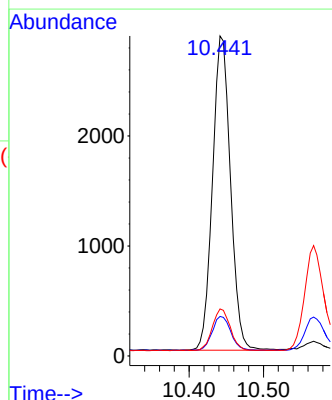
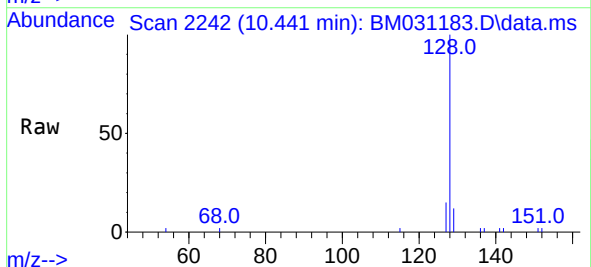
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BNA_M
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SLCS860

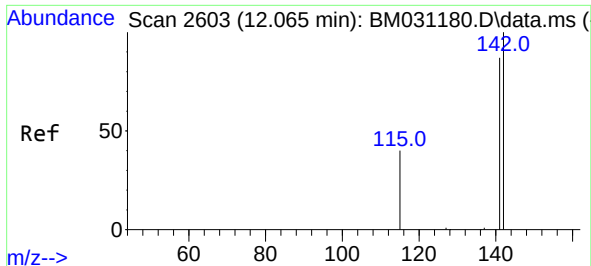
Tgt Ion:	88	Resp:	2243
Ion	Ratio	Lower	Upper
88	100		
43	39.6	35.2	52.8
58	66.1	39.1	58.7#



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.441 min Scan# 2242
Delta R.T. -0.014 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:	128	Resp:	4787
Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.2	15.4
127	14.7	11.8	17.8

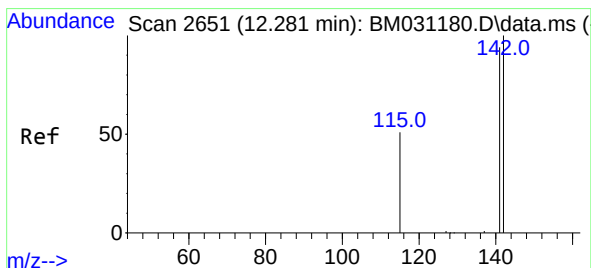
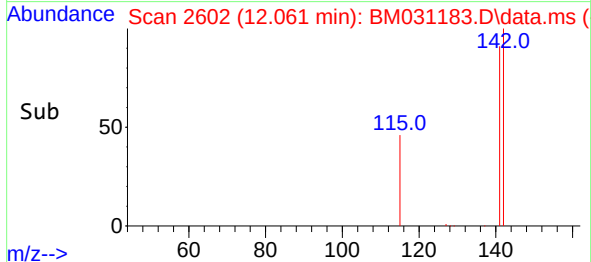
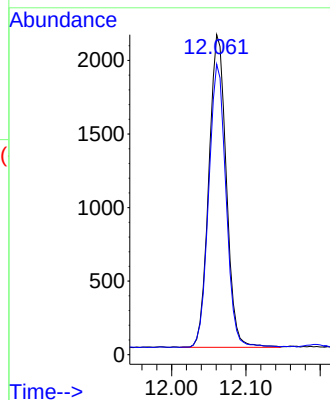
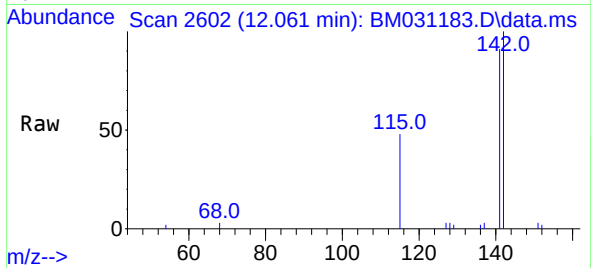




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.061 min Scan# 2602
Delta R.T. -0.009 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

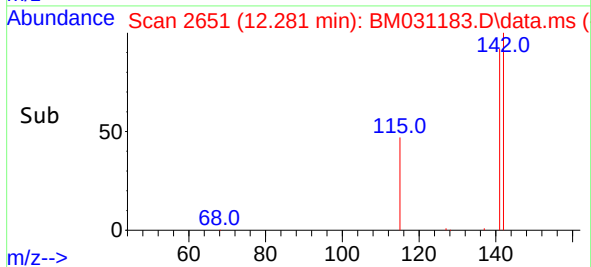
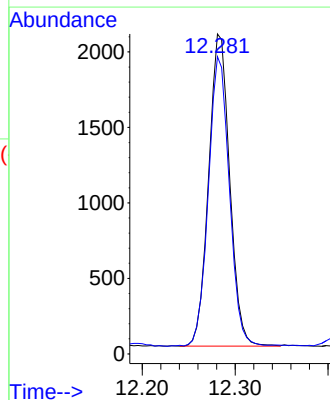
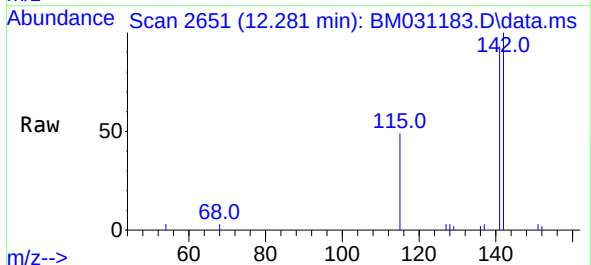
Instrument :
BNA_M
ClientSampled :
SLCS860

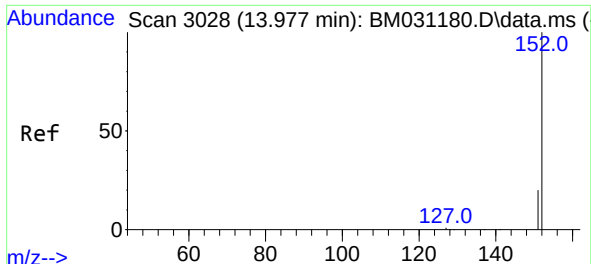
Tgt Ion:142 Resp: 3460
Ion Ratio Lower Upper
142 100
141 89.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.281 min Scan# 2651
Delta R.T. -0.009 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:142 Resp: 3247
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4



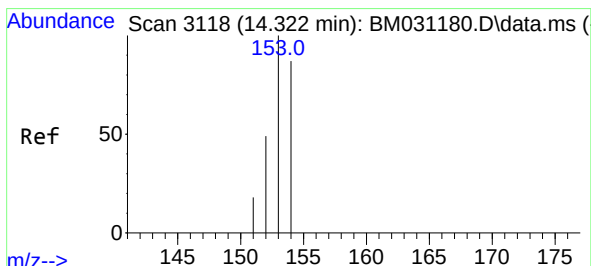
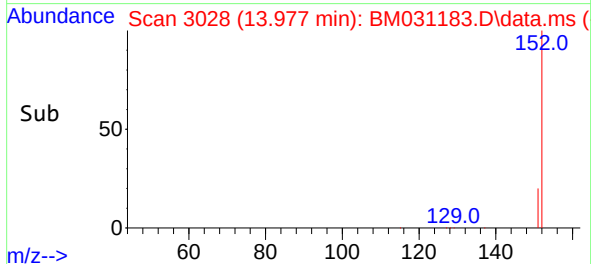
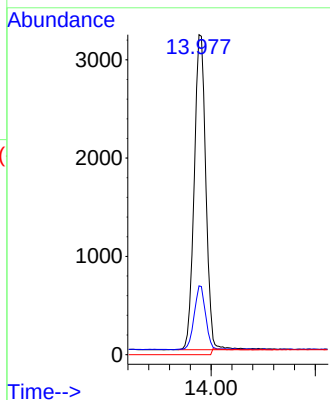
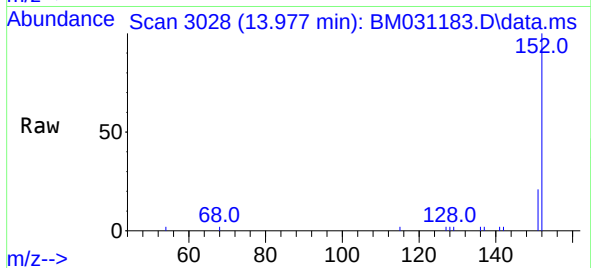


#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.977 min Scan# 3028
Delta R.T. -0.009 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Instrument :
BNA_M
ClientSampleId :
SLCS860

Tgt Ion:152 Resp: 4471

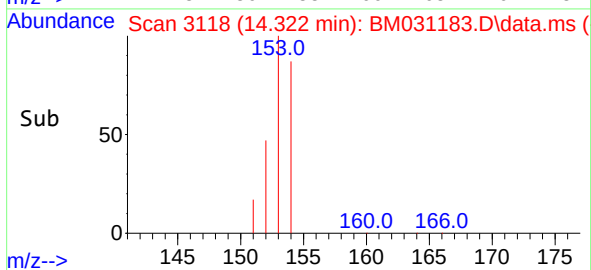
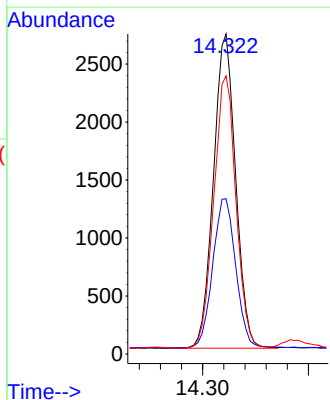
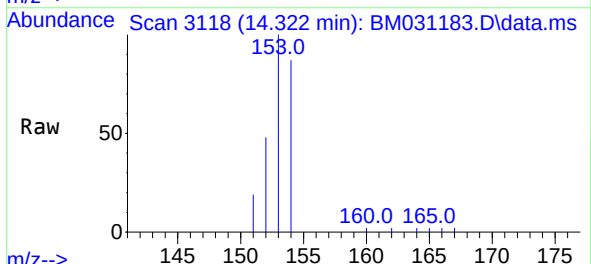
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.5	26.3
153	0.0	0.0	0.0

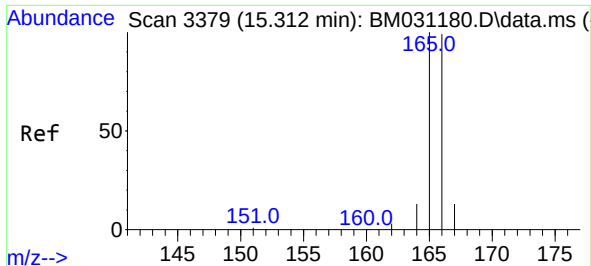


#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:153 Resp: 3951

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.4	59.2
154	86.9	68.2	102.4

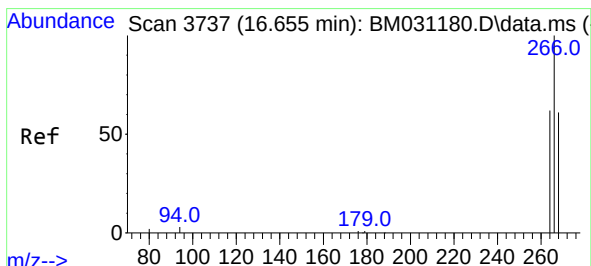
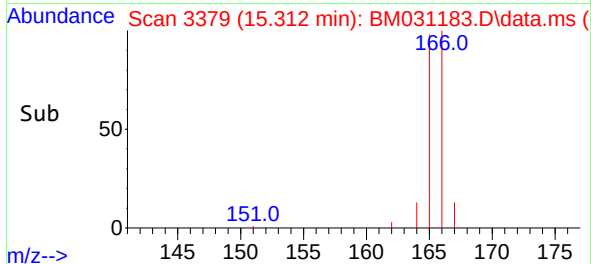
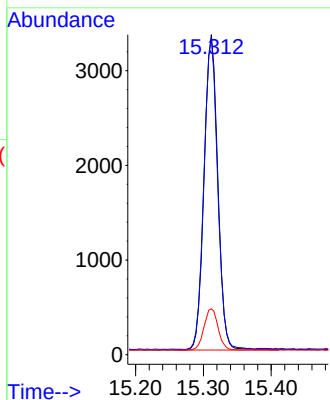
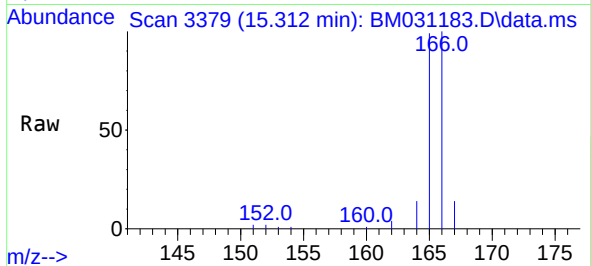




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

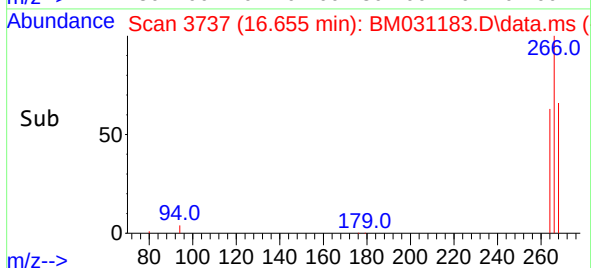
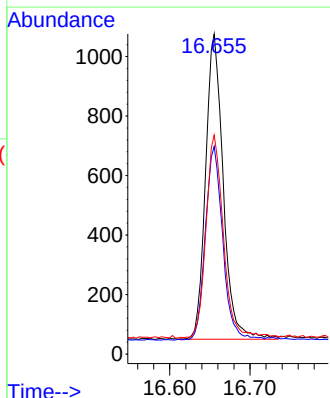
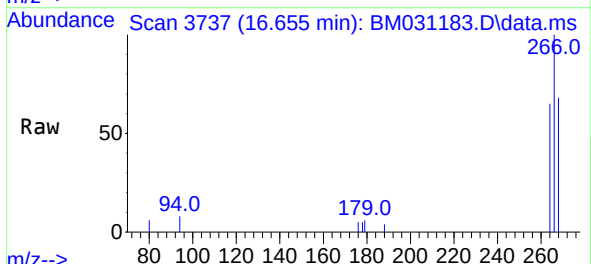
Instrument :
BNA_M
ClientSampleId :
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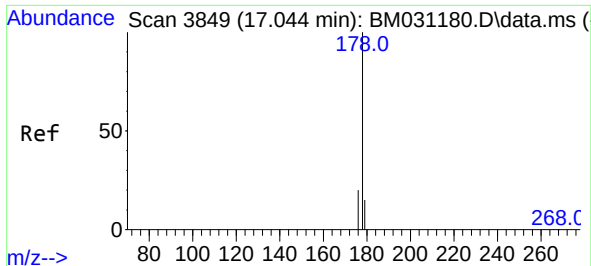
Tgt Ion:	166	Resp:	4695
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.2
167	14.3	12.3	18.5



#14
Pentachlorophenol
Concen: 0.631 ng/ul
RT: 16.655 min Scan# 3737
Delta R.T. -0.007 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:	266	Resp:	1567
Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.9	76.3
268	65.9	51.2	76.8

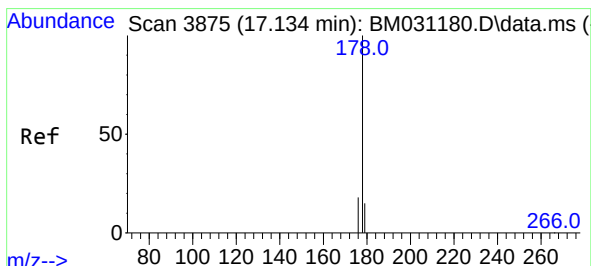
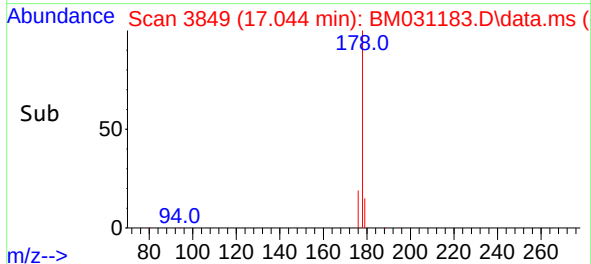
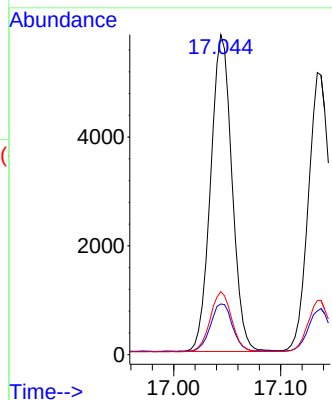
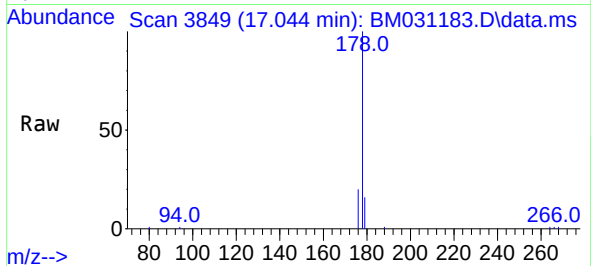




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.044 min Scan# 3849
Delta R.T. -0.011 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

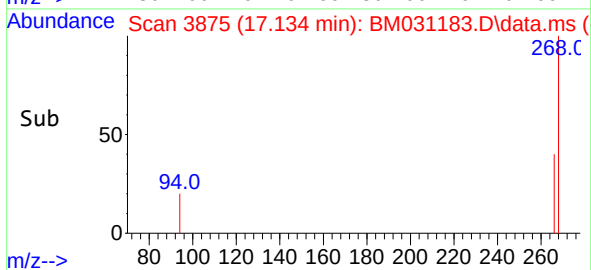
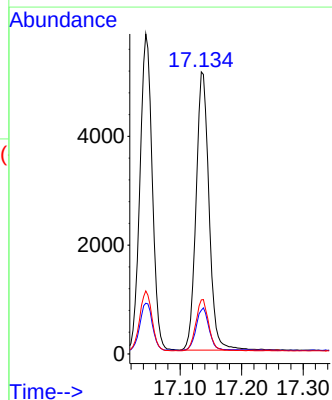
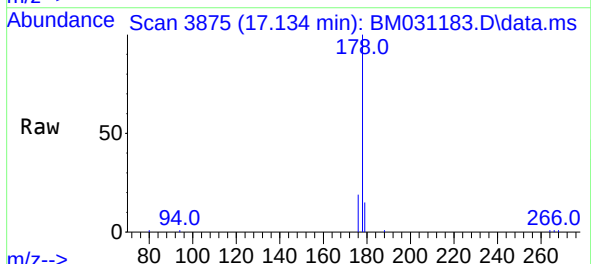
Instrument :
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ClientSampleId :
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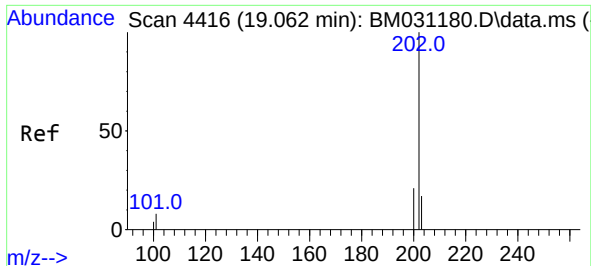
Tgt Ion:	178	Resp:	8075
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.3	19.9
176	19.7	15.4	23.2



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.134 min Scan# 3875
Delta R.T. -0.011 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:	178	Resp:	7509
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.8
176	19.2	15.7	23.5

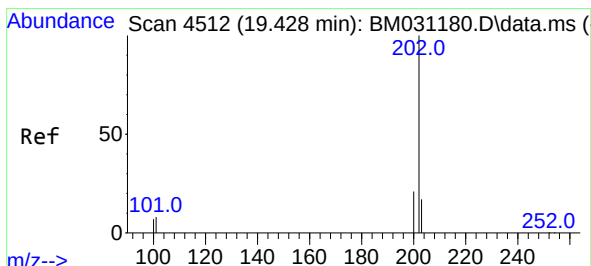
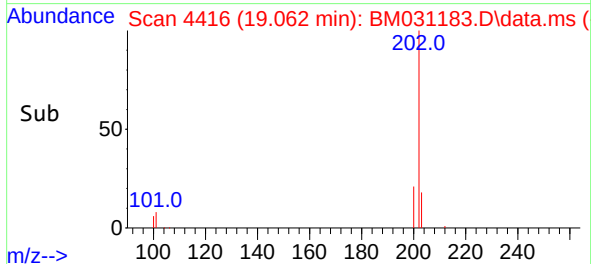
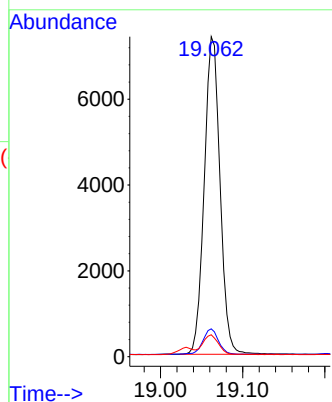
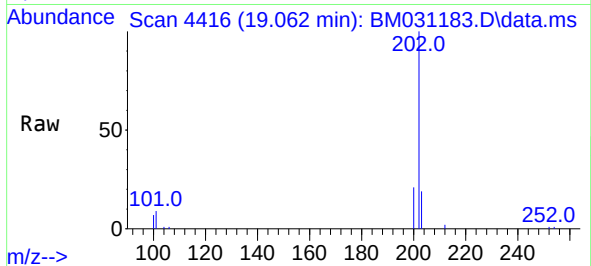




#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.062 min Scan# 4416
Delta R.T. -0.012 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

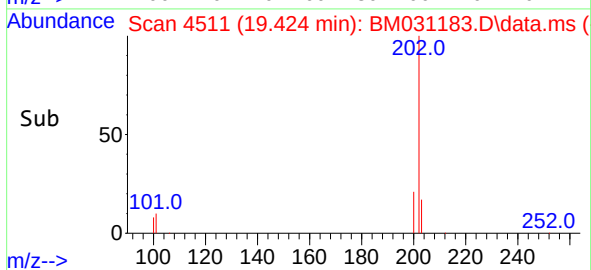
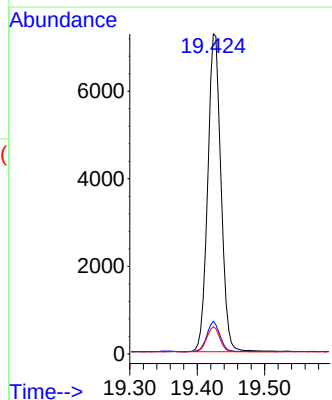
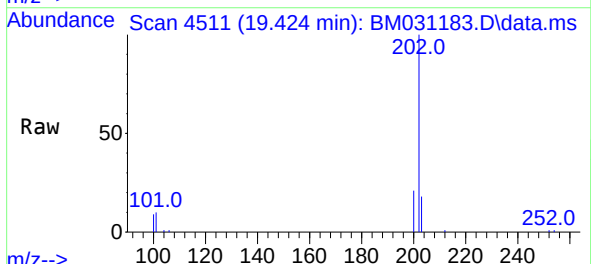
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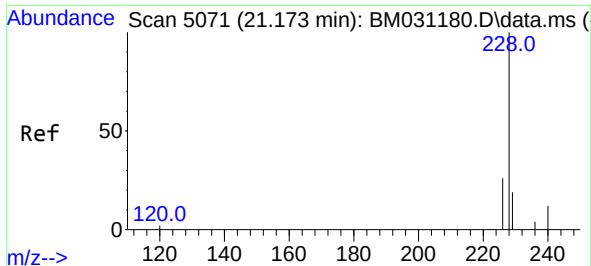
Tgt Ion:	202	Resp:	9864
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.0	9.0
100	6.8	4.8	7.2



#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.424 min Scan# 4511
Delta R.T. -0.012 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:	202	Resp:	9952
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.4	11.0
100	8.5	6.0	9.0

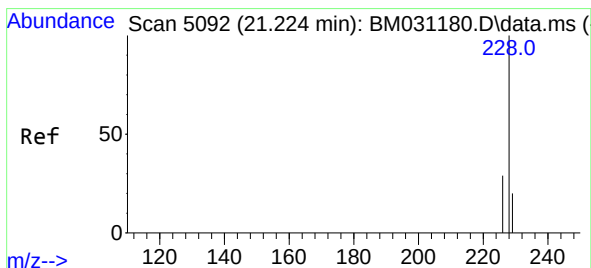
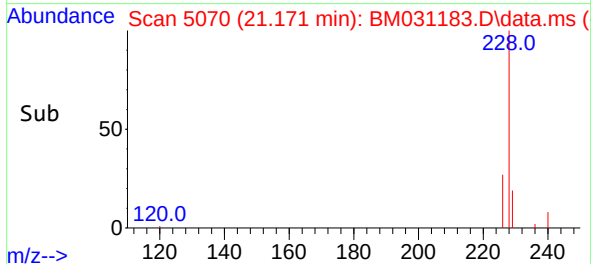
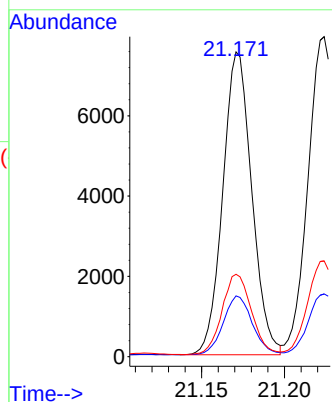
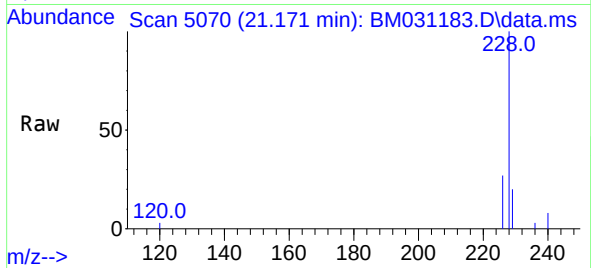




#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.171 min Scan# 5070
Delta R.T. -0.012 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

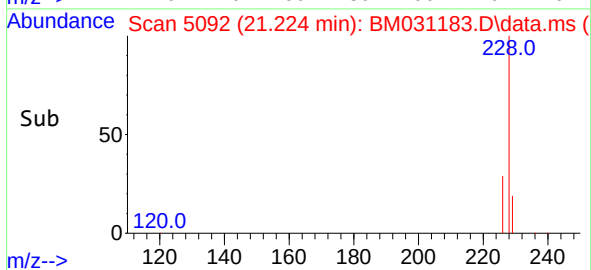
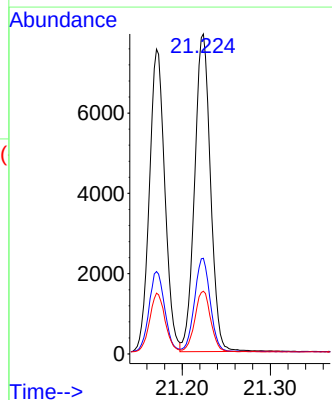
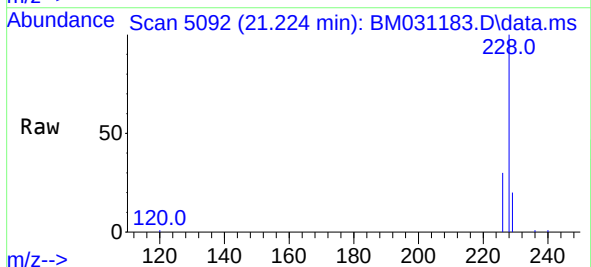
Instrument :
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ClientSampleId :
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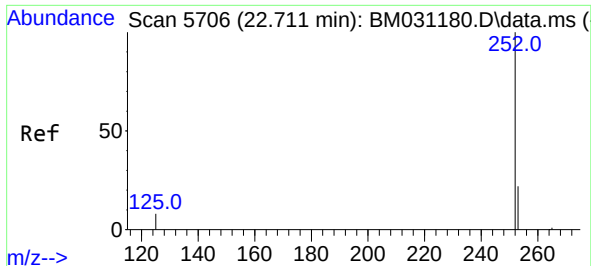
Tgt Ion:228	Resp:	9188
Ion Ratio	Lower	Upper
228	100	
229	20.0	16.0 24.0
226	27.1	21.4 32.2



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. -0.010 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:228	Resp:	9882
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.5 36.7
229	19.6	15.8 23.8

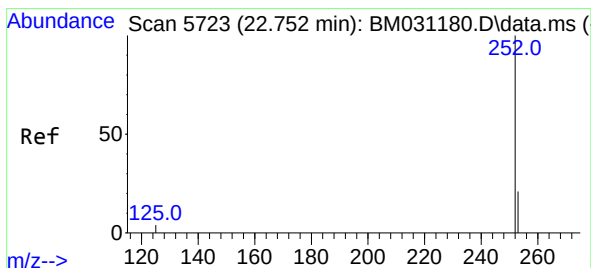
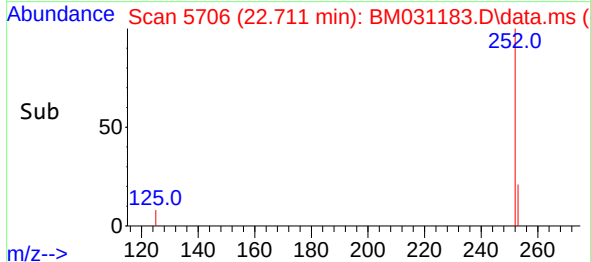
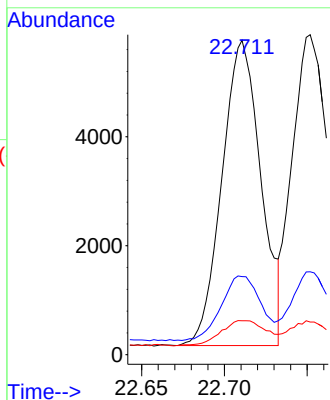
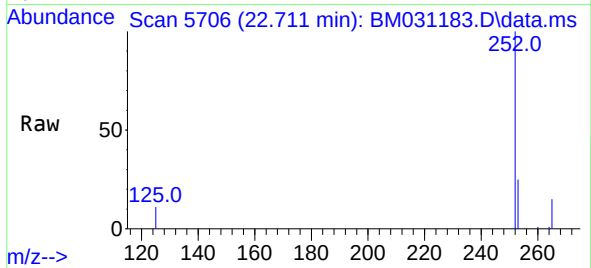




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.711 min Scan# 5706
Delta R.T. -0.015 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

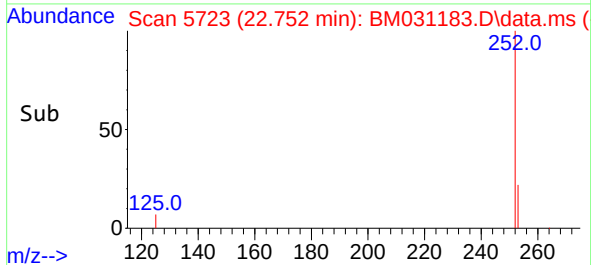
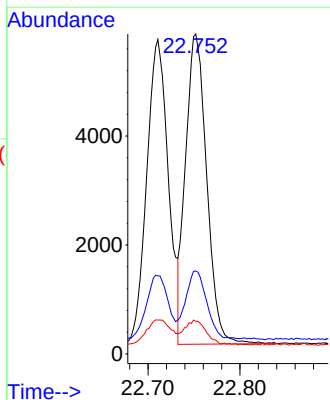
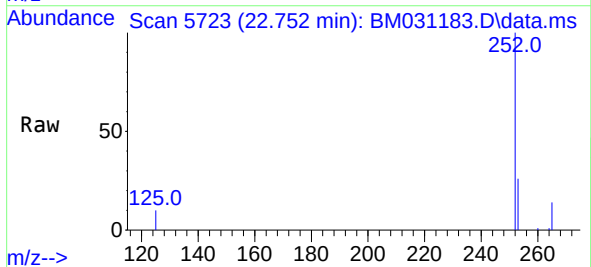
Instrument :
BNA_M
ClientSampled :
SLCS860

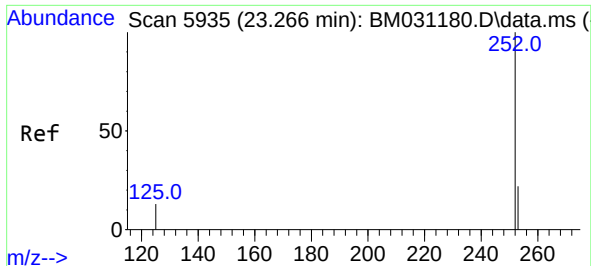
Tgt Ion:252 Resp: 9170
Ion Ratio Lower Upper
252 100
253 24.8 0.0 52.8
125 10.8 0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 22.752 min Scan# 5723
Delta R.T. -0.017 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:252 Resp: 9107
Ion Ratio Lower Upper
252 100
253 25.9 21.6 32.4
125 10.2 8.6 13.0



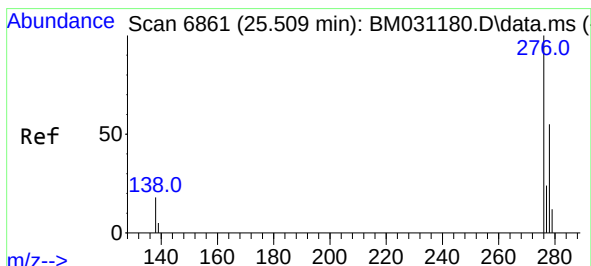
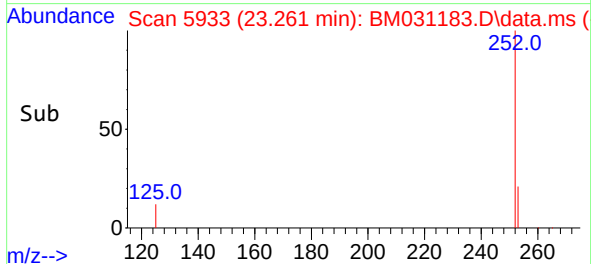
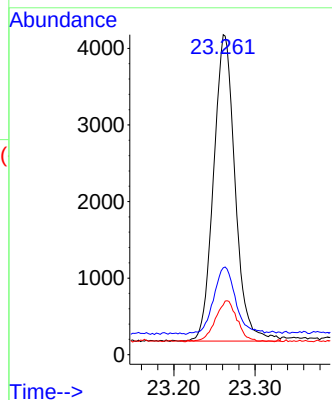
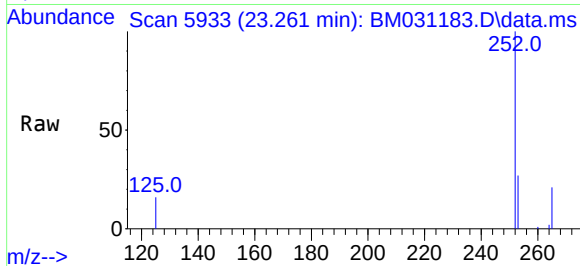


#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.261 min Scan# 5933
Delta R.T. -0.020 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Instrument :
BNA_M
ClientSampled :
SLCS860

Tgt Ion:252 Resp: 7370

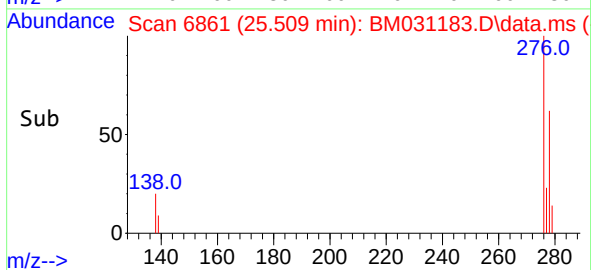
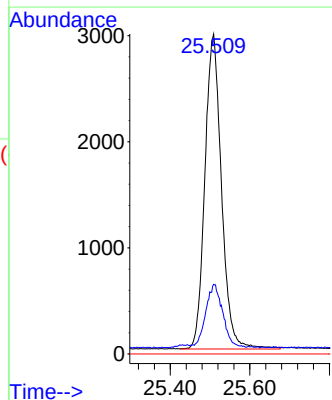
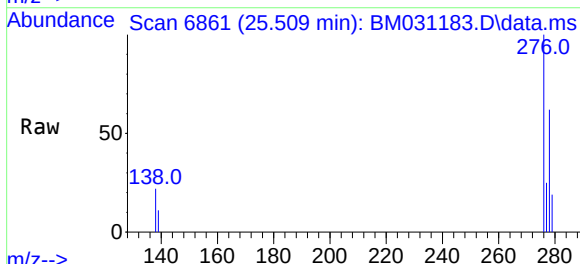
Ion	Ratio	Lower	Upper
252	100		
253	27.1	23.1	34.7
125	15.6	10.7	16.1

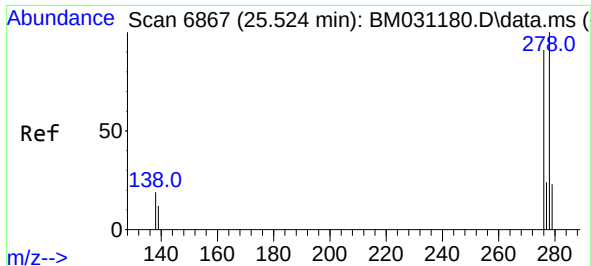


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.509 min Scan# 6861
Delta R.T. -0.024 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:276 Resp: 8623

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.4	23.0
227	0.0	0.0	0.0

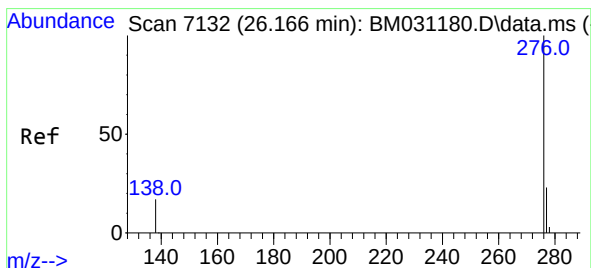
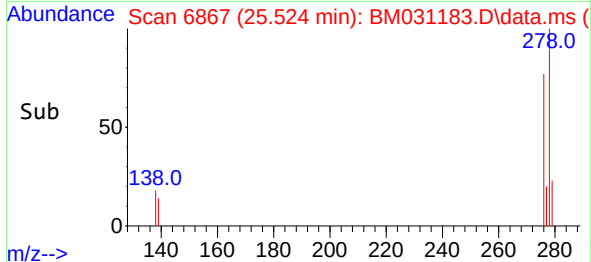
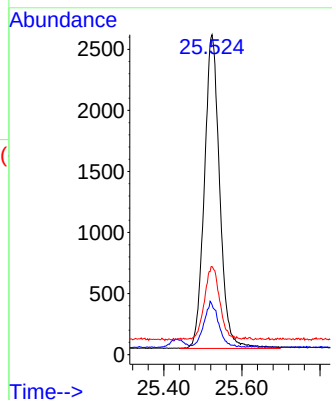
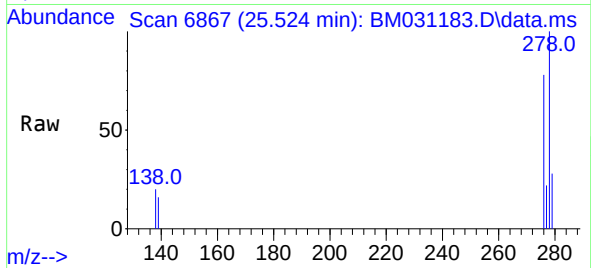




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. -0.029 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Instrument :
BNA_M
ClientSampleId :
SLCS860

Tgt Ion:278 Resp: 7022
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 27.6 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 26.166 min Scan# 7132
Delta R.T. -0.027 min
Lab File: BM031183.D
Acq: 27 Jul 2021 04:17

Tgt Ion:276 Resp: 7110
Ion Ratio Lower Upper
276 100
138 18.5 14.0 21.0
277 24.5 19.9 29.9

