

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031156.D
 Acq On : 26 Jul 2021 10:50
 Operator : CG/JU
 Sample : PB137776BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS776

Quant Time: Jul 26 11:36:20 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 : Mon Jul 26 10:45:49 2021
 Response via : Initial Calibration

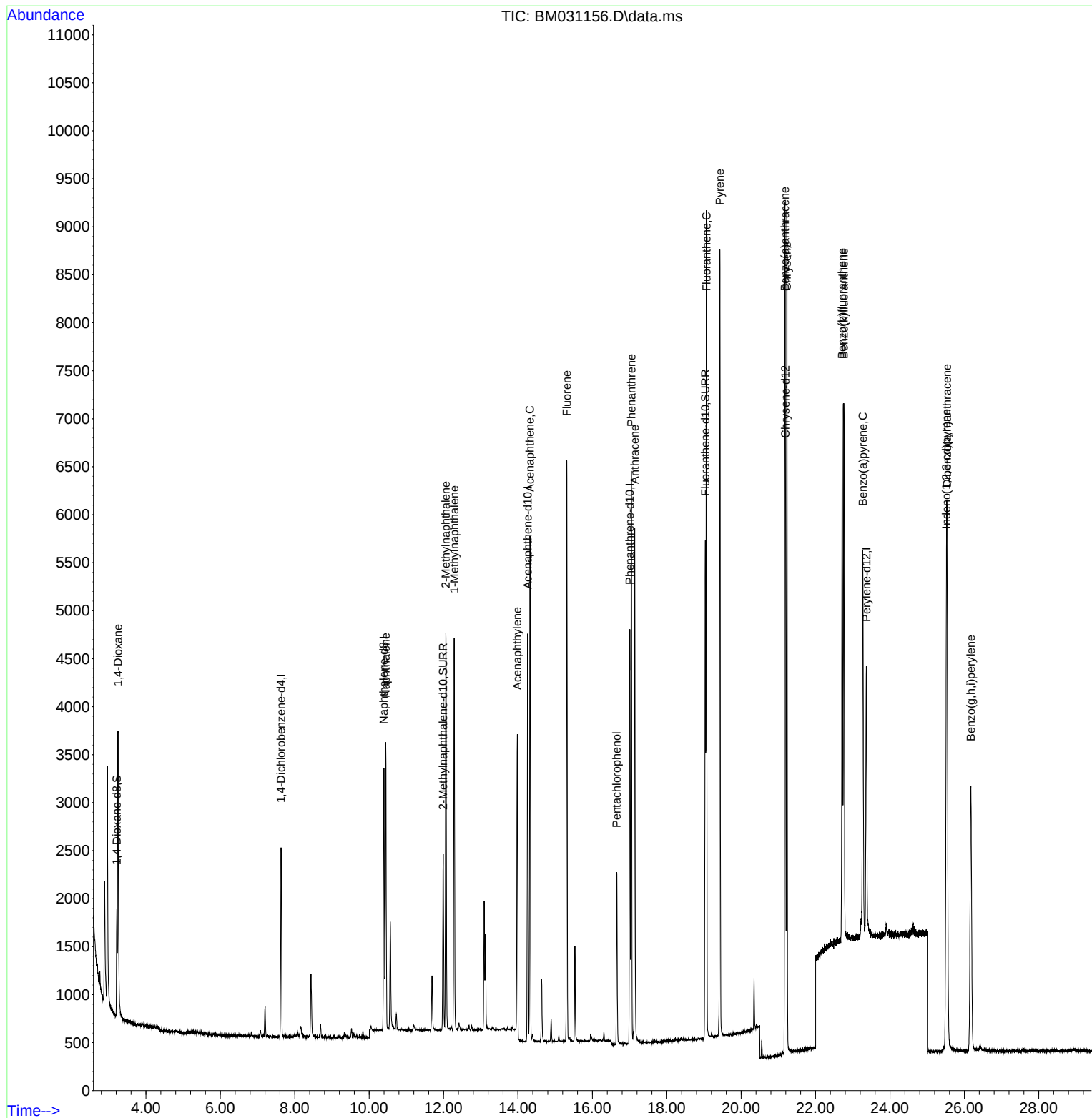
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	3695	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	2345	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	5217	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	4296	0.400	ng/ul	0.00
23) Perylene-d12	23.365	264	3529	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	800	0.762	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	2422	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	5897	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.248	88	2014	1.962	ng/ul#	85
5) Naphthalene	10.446	128	4025	0.365	ng/ul	100
7) 2-Methylnaphthalene	12.061	142	2845	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.286	142	2667	0.344	ng/ul	99
10) Acenaphthylene	13.981	152	3568	0.372	ng/ul	100
11) Acenaphthene	14.322	153	3155	0.372	ng/ul	98
12) Fluorene	15.312	166	3705	0.371	ng/ul	98
14) Pentachlorophenol	16.656	266	1192	0.660	ng/ul	99
15) Phenanthrene	17.048	178	6212	0.375	ng/ul	99
16) Anthracene	17.138	178	5787	0.373	ng/ul	99
19) Fluoranthene	19.066	202	7390	0.427	ng/ul	98
20) Pyrene	19.428	202	7493	0.424	ng/ul	97
21) Benzo(a)anthracene	21.176	228	6839	0.399	ng/ul	99
22) Chrysene	21.227	228	7429	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.716	252	6944	0.419	ng/ul	99
25) Benzo(k)fluoranthene	22.759	252	7100	0.422	ng/ul	99
26) Benzo(a)pyrene	23.271	252	5684	0.396	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.517	276	6819	0.363	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.533	278	5487	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	26.176	276	5716	0.358	ng/ul	97

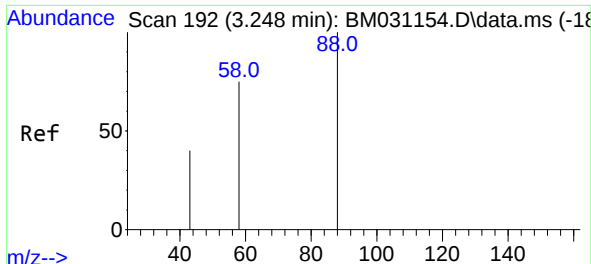
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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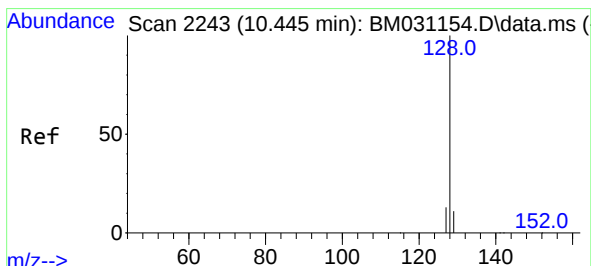
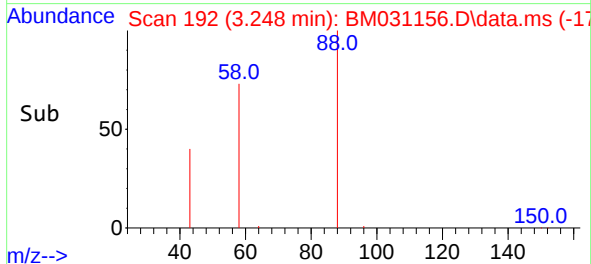
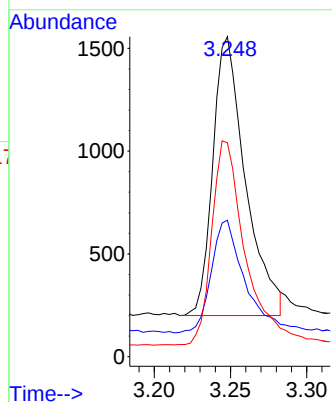
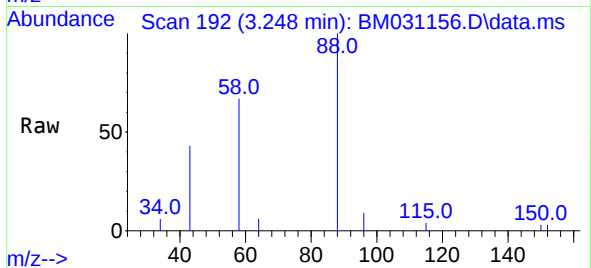




#2
1,4-Dioxane
Concen: 1.962 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

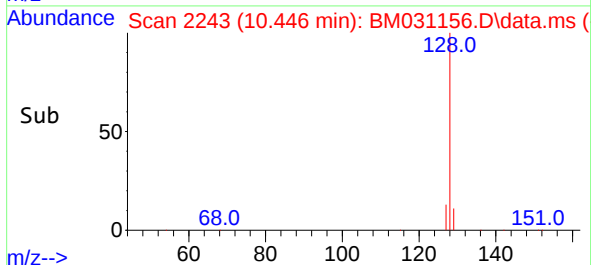
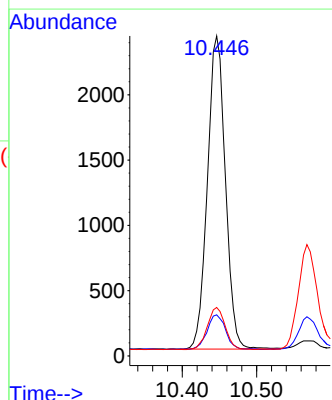
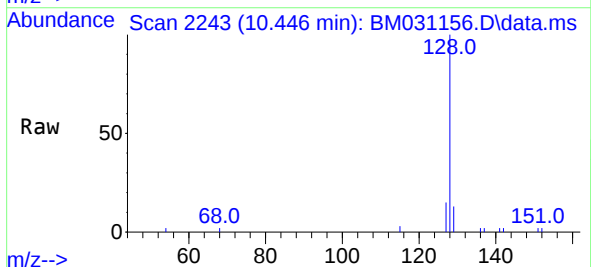
Instrument :
BNA_M
ClientSampleId :
SLCS776

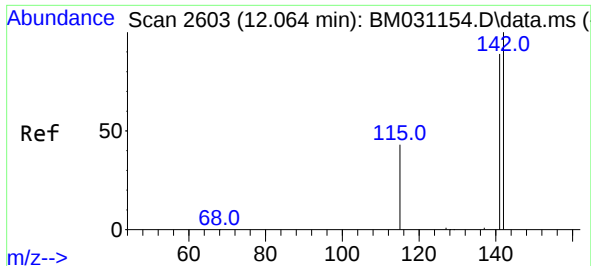
Tgt Ion:	88	Resp:	2014
Ion	Ratio	Lower	Upper
88	100		
43	42.6	35.2	52.8
58	66.9	39.1	58.7#



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:	128	Resp:	4025
Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.2	15.4
127	15.1	11.8	17.8

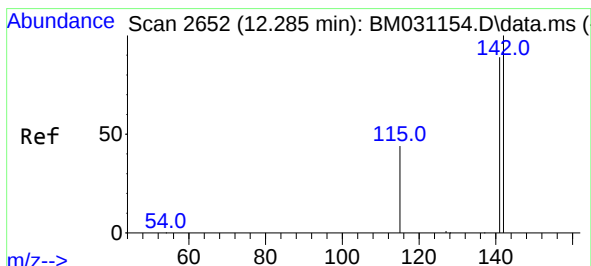
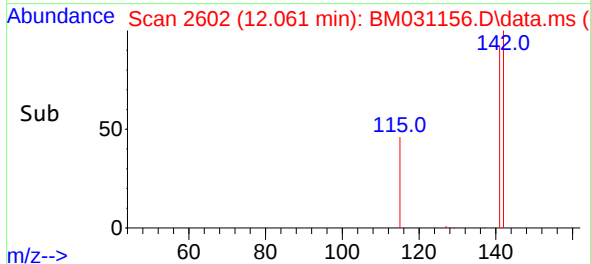
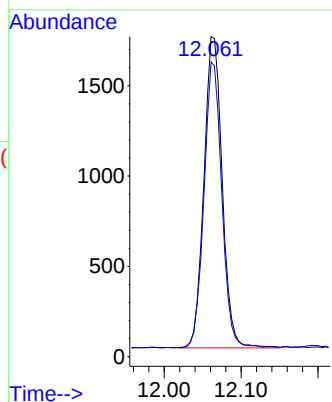
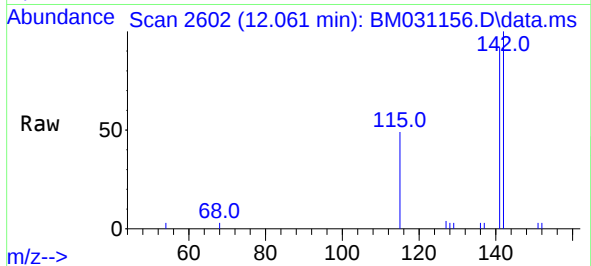




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.061 min Scan# 2602
Delta R.T. -0.003 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

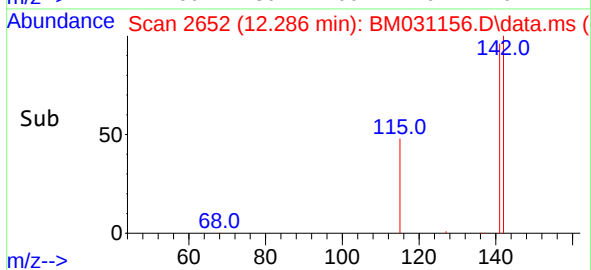
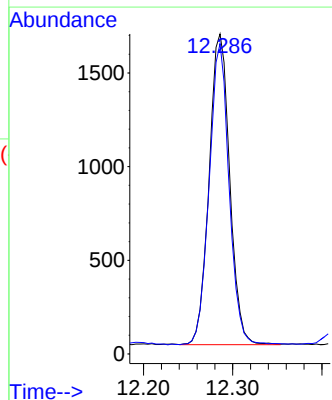
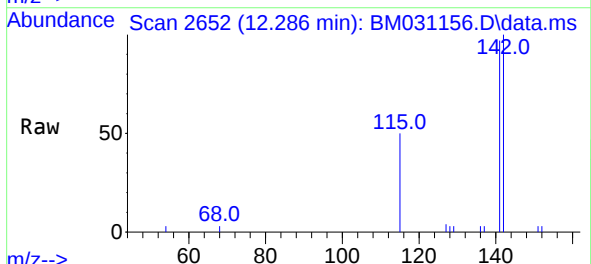
Instrument :
BNA_M
ClientSampled :
SLCS776

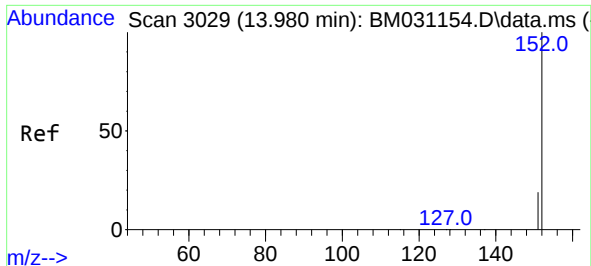
Tgt Ion:142 Resp: 2845
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. 0.001 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:142 Resp: 2667
Ion Ratio Lower Upper
142 100
141 93.9 74.2 111.4

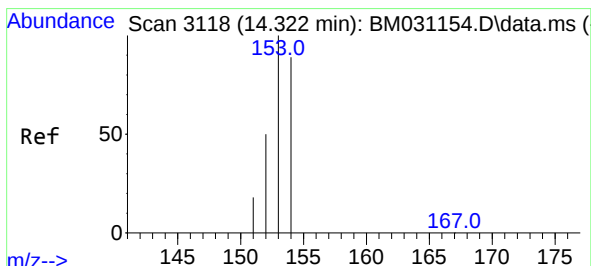
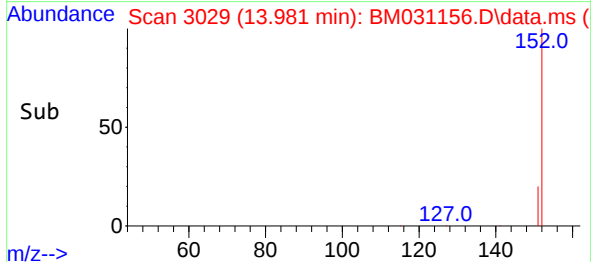
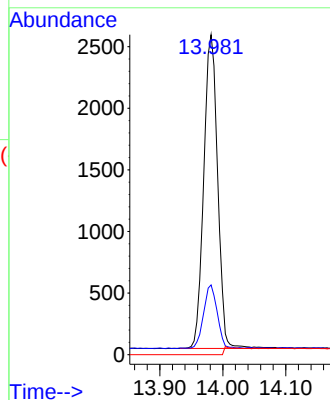
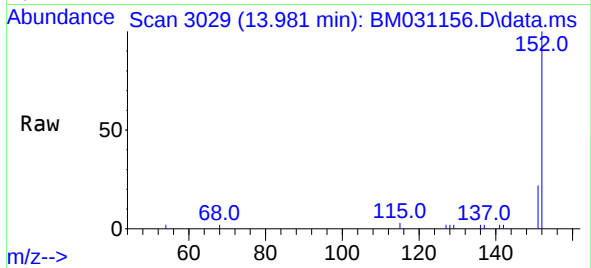




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.001 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

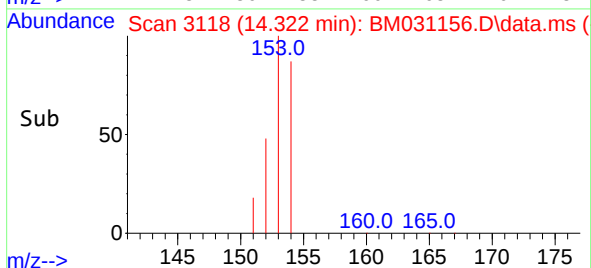
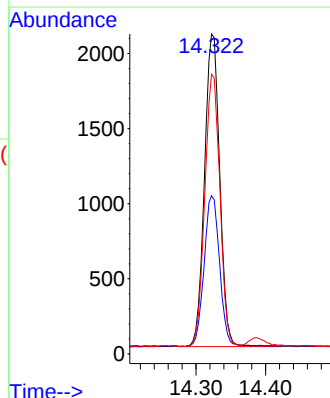
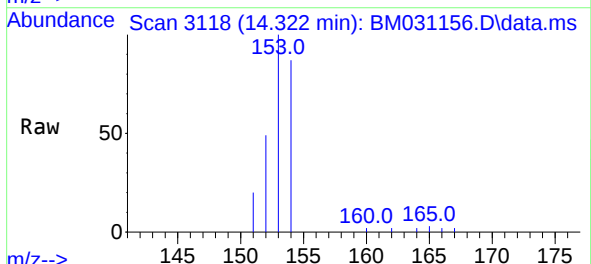
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ClientSampleId :
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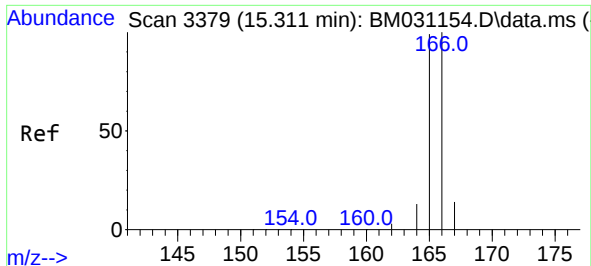
Tgt Ion:	152	Resp:	3568
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.5	26.3
153	0.0	0.0	0.0



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:	153	Resp:	3155
Ion Ratio	Lower	Upper	
153	100		
152	49.4	39.4	59.2
154	87.4	68.2	102.4

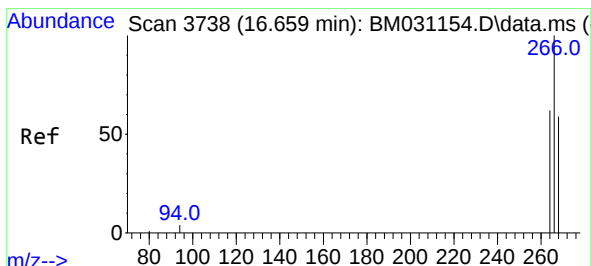
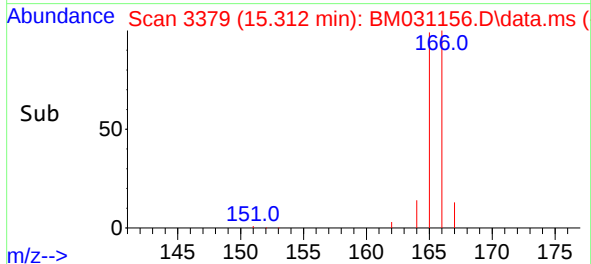
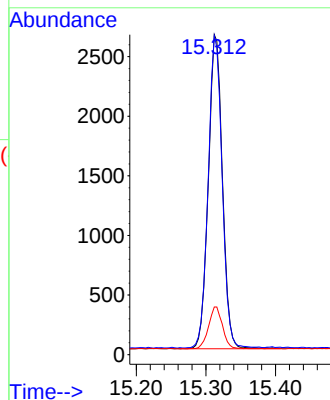
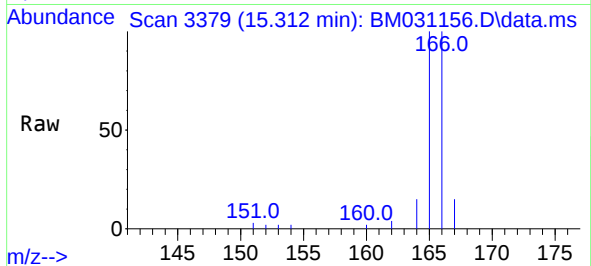




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

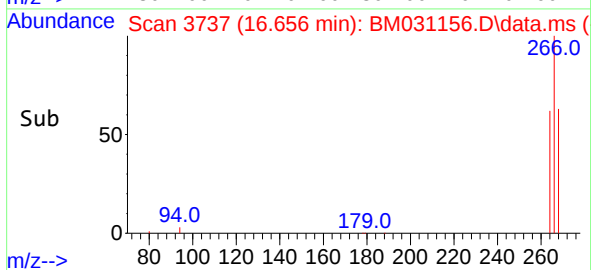
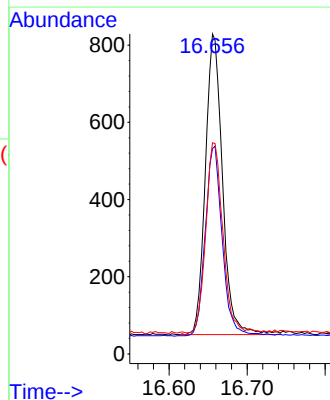
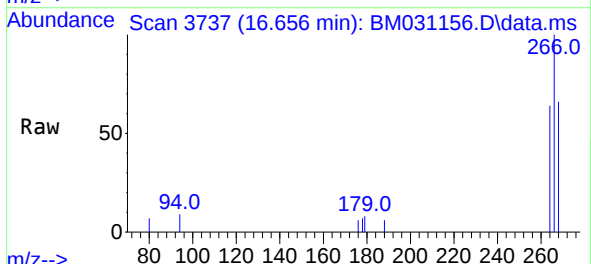
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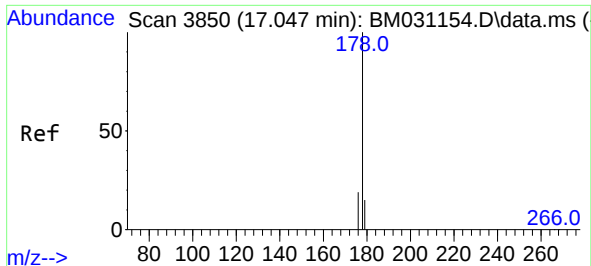
Tgt Ion:	166	Resp:	3705
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.2	117.2
167	14.9	12.3	18.5



#14
Pentachlorophenol
Concen: 0.660 ng/ul
RT: 16.656 min Scan# 3737
Delta R.T. -0.003 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:	266	Resp:	1192
Ion Ratio	Lower	Upper	
266	100		
264	63.0	50.9	76.3
268	62.5	51.2	76.8

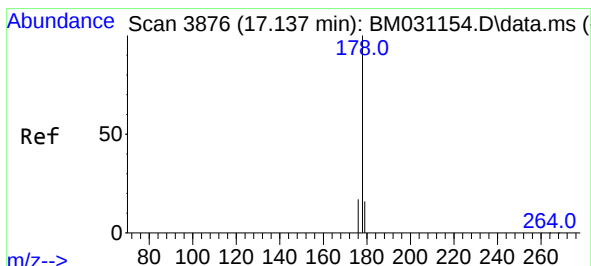
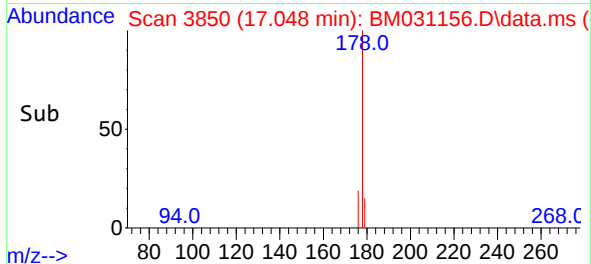
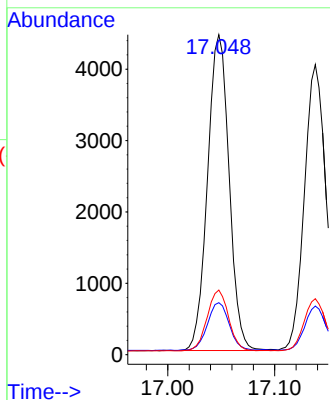
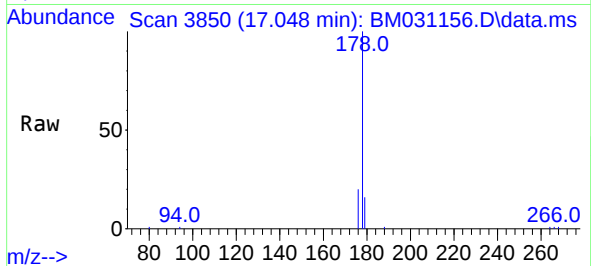




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

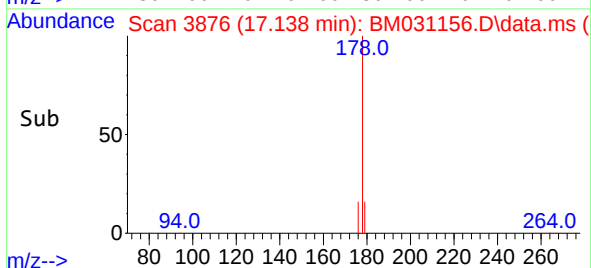
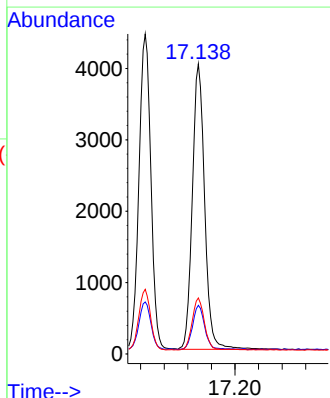
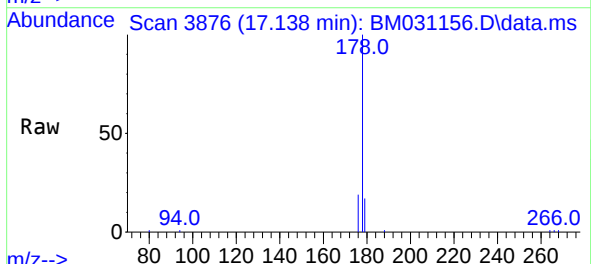
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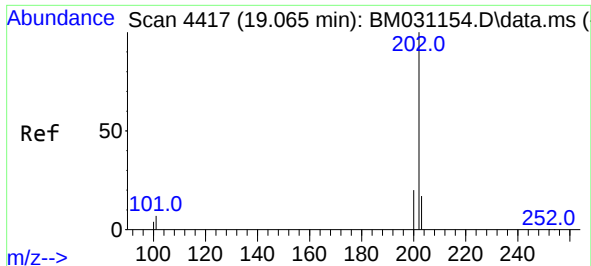
Tgt Ion:	178	Resp:	6212
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.3	19.9
176	20.2	15.4	23.2



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:	178	Resp:	5787
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.8	20.8
176	19.3	15.7	23.5

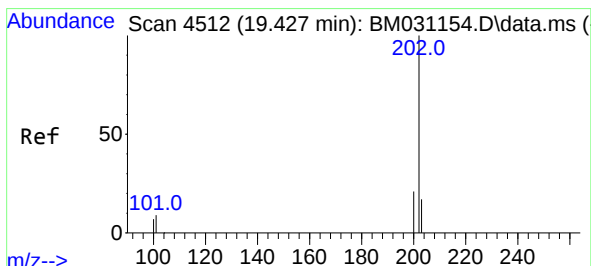
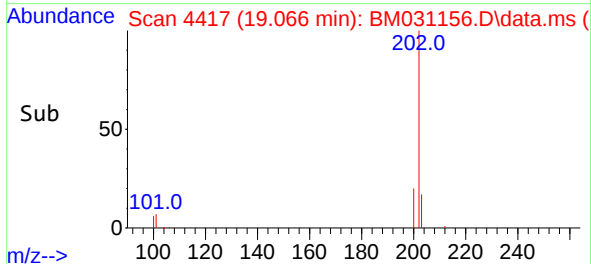
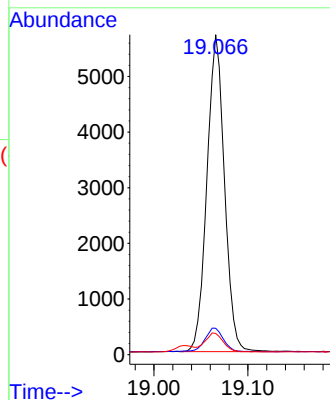
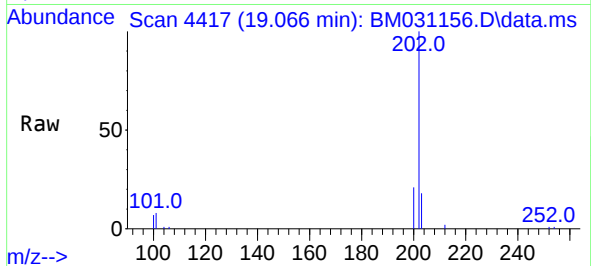




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

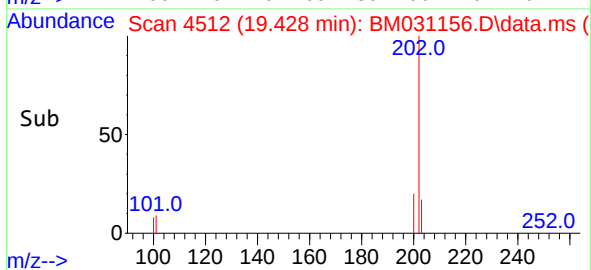
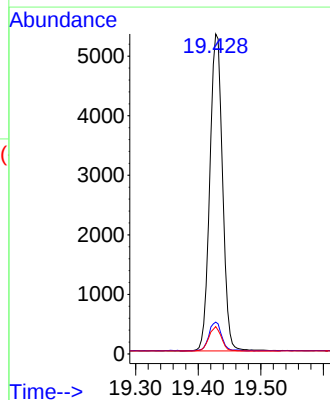
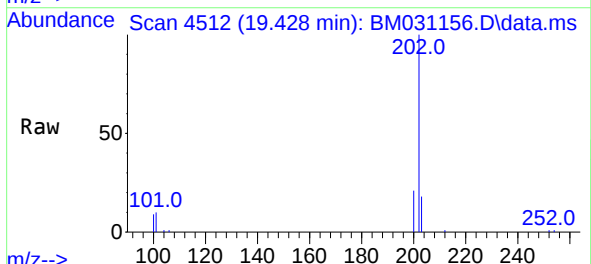
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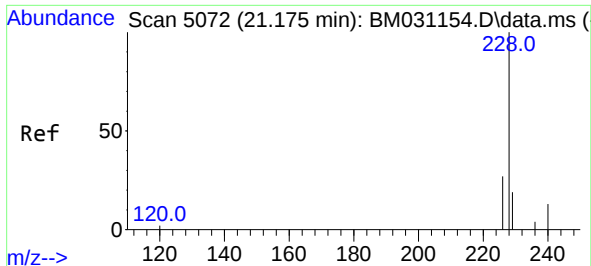
Tgt Ion:202	Resp:	7390
Ion Ratio	Lower	Upper
202	100	
101	8.2	6.0 9.0
100	6.6	4.8 7.2



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:202	Resp:	7493
Ion Ratio	Lower	Upper
202	100	
101	10.0	7.4 11.0
100	8.6	6.0 9.0



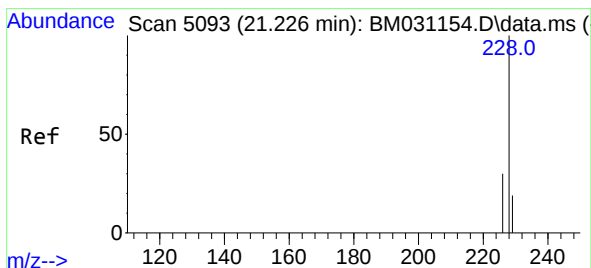
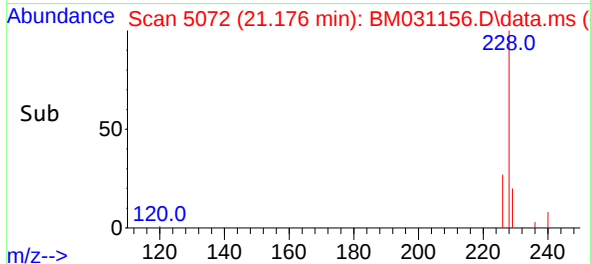
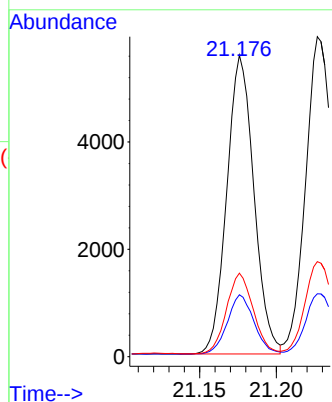
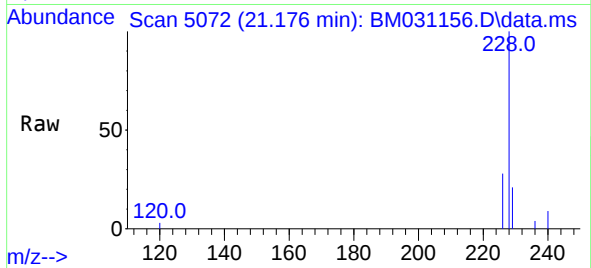


#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Instrument :
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ClientSampleId :
SLCS776

Tgt Ion:228 Resp: 6839

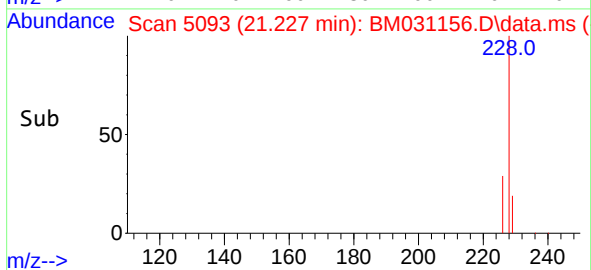
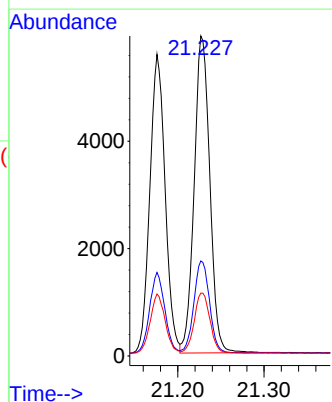
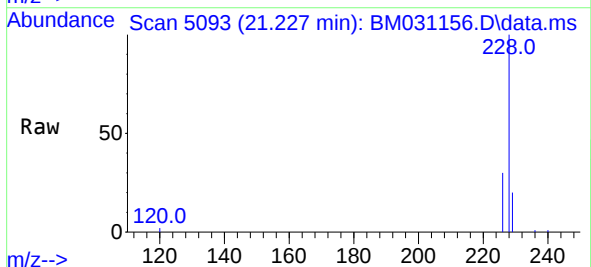
Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	27.7	21.4	32.2

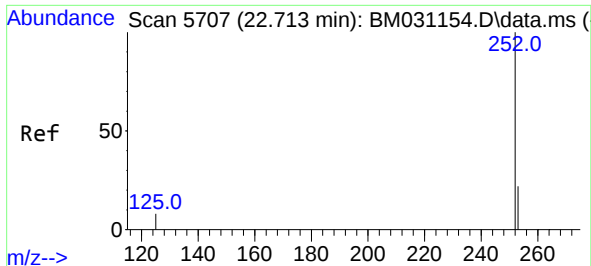


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. 0.000 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:228 Resp: 7429

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.7	15.8	23.8

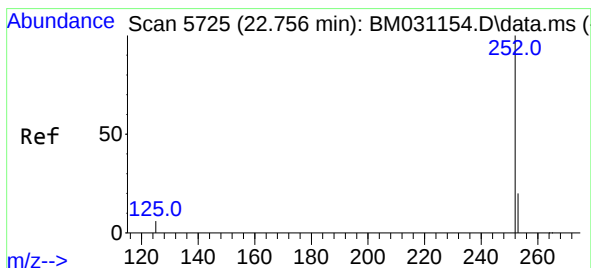
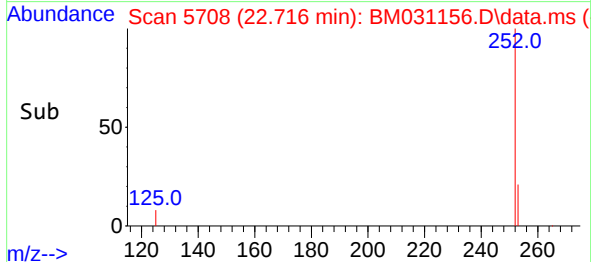
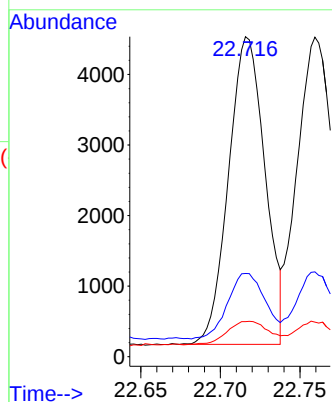
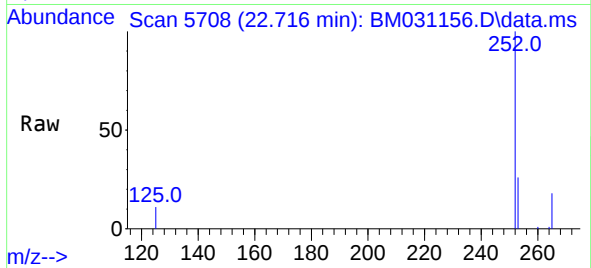




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.716 min Scan# 5708
Delta R.T. 0.003 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

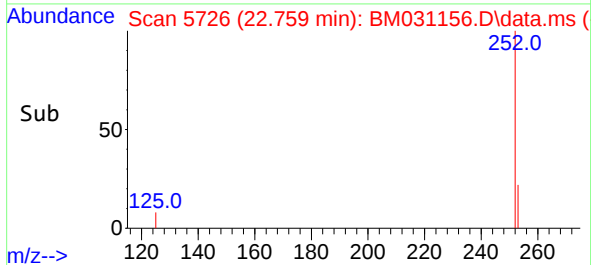
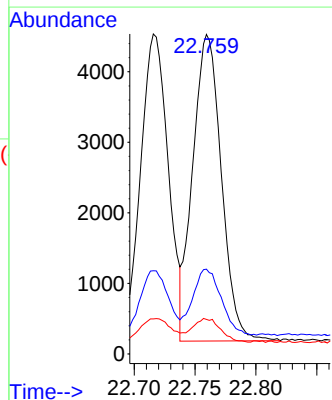
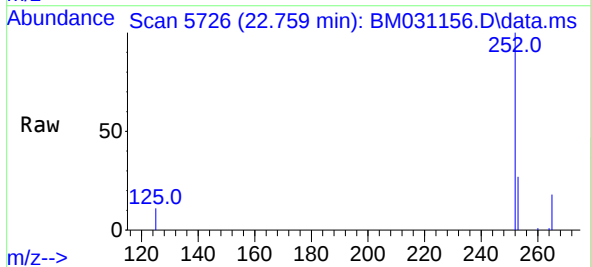
Instrument :
BNA_M
ClientSampleId :
SLCS776

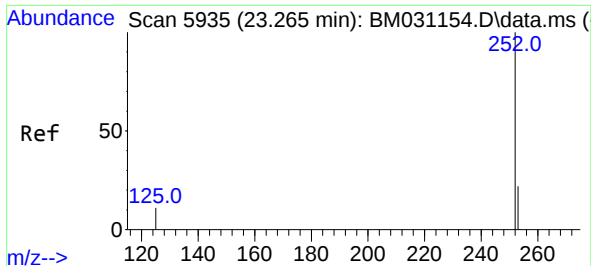
Tgt Ion:252	Resp:	6944
Ion Ratio	Lower	Upper
252	100	
253	26.0	0.0 52.8
125	11.0	0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.759 min Scan# 5726
Delta R.T. 0.003 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:252	Resp:	7100
Ion Ratio	Lower	Upper
252	100	
253	26.5	21.6 32.4
125	10.8	8.6 13.0

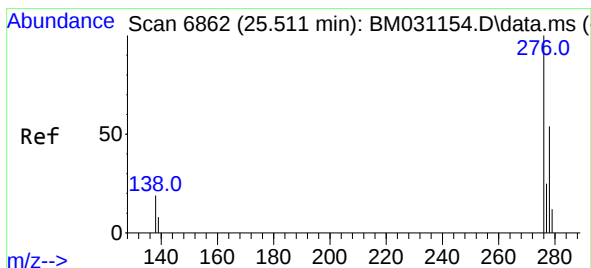
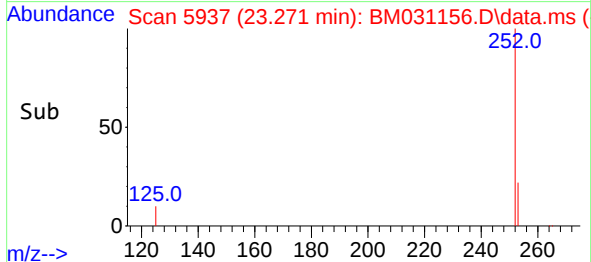
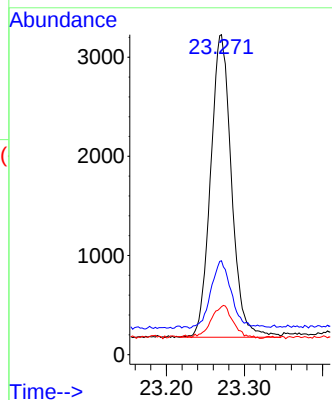
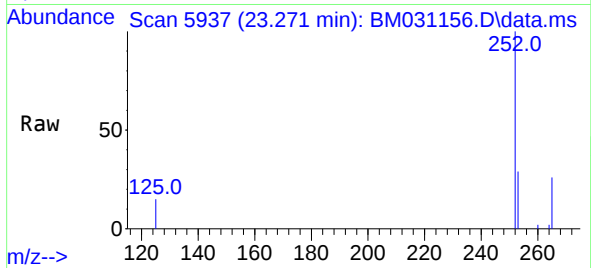




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. 0.005 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

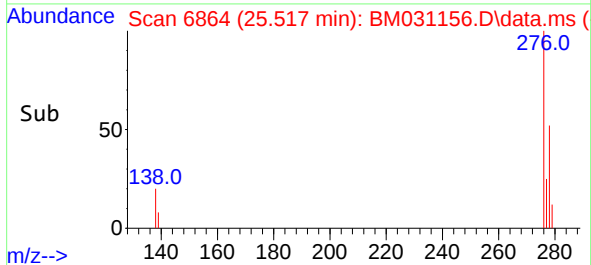
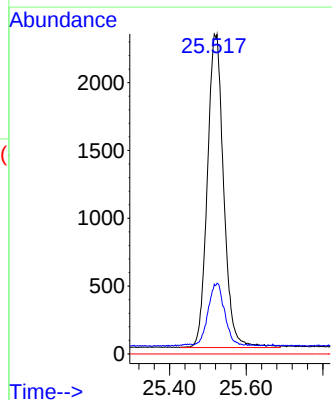
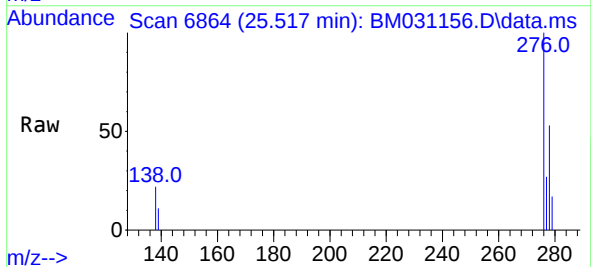
Instrument :
BNA_M
ClientSampleId :
SLCS776

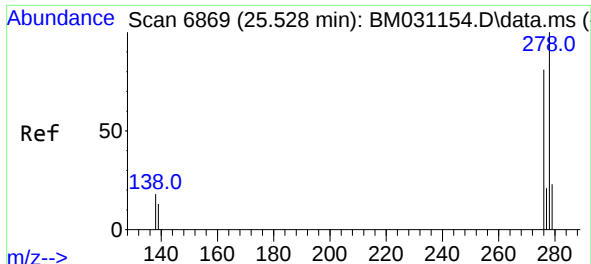
Tgt Ion:	252	Resp:	5684
Ion Ratio	Lower	Upper	
252	100		
253	29.3	23.1	34.7
125	15.0	10.7	16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 25.517 min Scan# 6864
Delta R.T. 0.005 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:	276	Resp:	6819
Ion Ratio	Lower	Upper	
276	100		
138	19.6	15.4	23.0
227	0.0	0.0	0.0



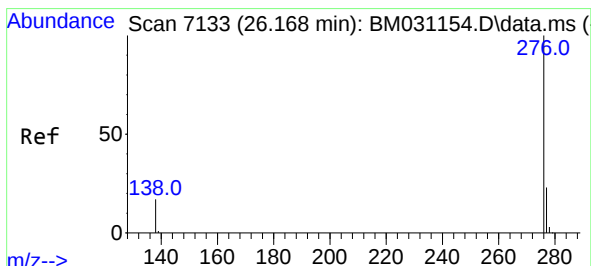
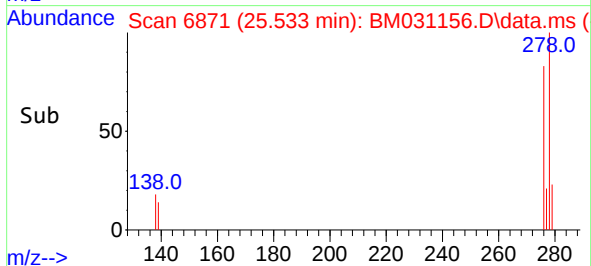
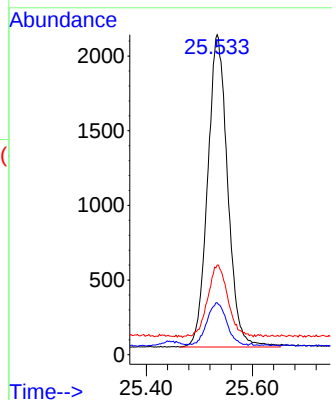
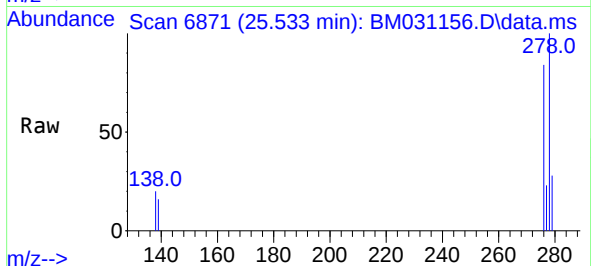


#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.533 min Scan# 6871
Delta R.T. 0.005 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Instrument :
BNA_M
ClientSampleId :
SLCS776

Tgt Ion:278 Resp: 5487

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	28.0	22.6	34.0



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.176 min Scan# 7136
Delta R.T. 0.008 min
Lab File: BM031156.D
Acq: 26 Jul 2021 10:50

Tgt Ion:276 Resp: 5716

Ion	Ratio	Lower	Upper
276	100		
138	19.9	14.0	21.0
277	25.4	19.9	29.9

