

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031253.D
 Acq On : 29 Jul 2021 17:53
 Operator : CG/JU
 Sample : PB137868BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS868

Quant Time: Jul 29 18:30:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 29 13:28:21 2021
 Response via : Initial Calibration

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

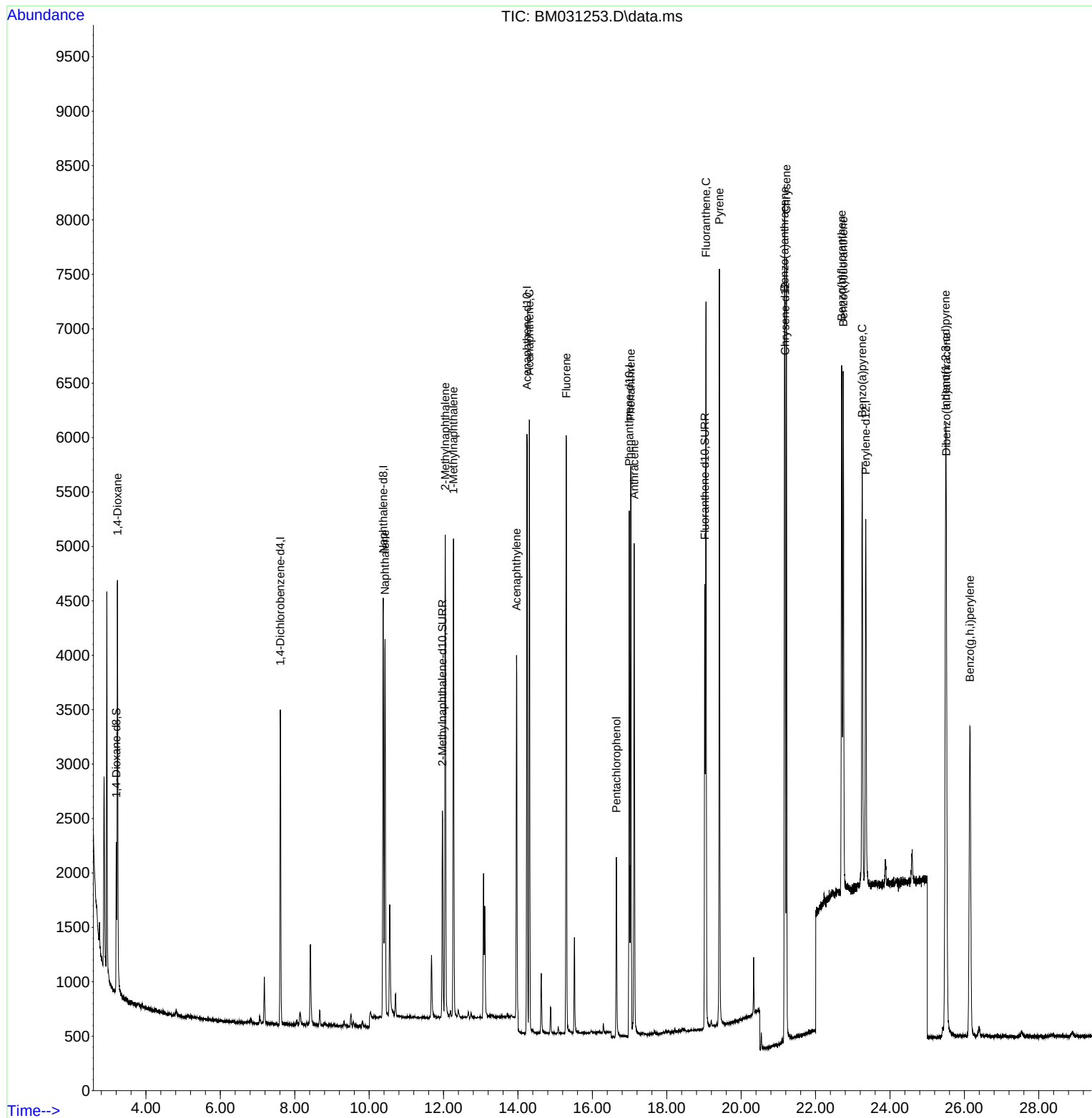
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.378	136	5327	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3049	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	5868	0.400	ng/ul	0.00
17) Chrysene-d12	21.180	240	4432	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	4286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	844	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	2605	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	4733	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	2303	1.425	ng/ul#	80
5) Naphthalene	10.427	128	4732	0.298	ng/ul	99
7) 2-Methylnaphthalene	12.046	142	3163	0.292	ng/ul	100
8) 1-Methylnaphthalene	12.266	142	2937	0.274	ng/ul	100
10) Acenaphthylene	13.962	152	3887	0.299	ng/ul	100
11) Acenaphthene	14.307	153	3173	0.290	ng/ul	99
12) Fluorene	15.300	166	3549	0.282	ng/ul	99
14) Pentachlorophenol	16.645	266	1094	0.582	ng/ul	100
15) Phenanthrene	17.033	178	5442	0.292	ng/ul	99
16) Anthracene	17.123	178	5080	0.291	ng/ul	99
19) Fluoranthene	19.054	202	5962	0.315	ng/ul	97
20) Pyrene	19.416	202	6038	0.315	ng/ul	98
21) Benzo(a)anthracene	21.166	228	5604	0.313	ng/ul	98
22) Chrysene	21.216	228	5835	0.315	ng/ul	99
24) Benzo(b)fluoranthene	22.701	252	5964	0.309	ng/ul	96
25) Benzo(k)fluoranthene	22.744	252	5845	0.293	ng/ul#	97
26) Benzo(a)pyrene	23.253	252	5175	0.306	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.497	276	6884	0.315	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.514	278	5537	0.314	ng/ul	99
29) Benzo(g,h,i)perylene	26.148	276	5872	0.315	ng/ul	97

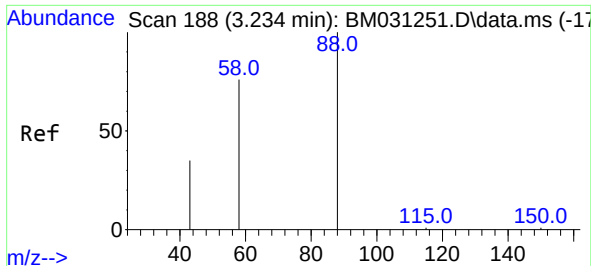
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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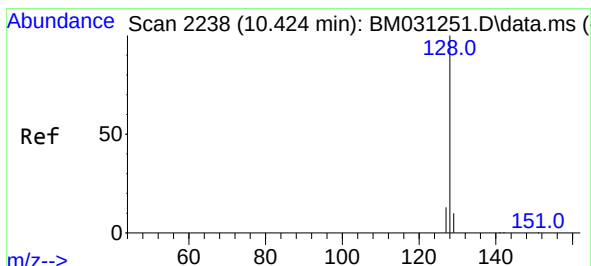
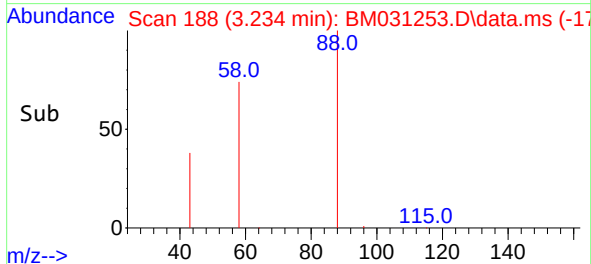
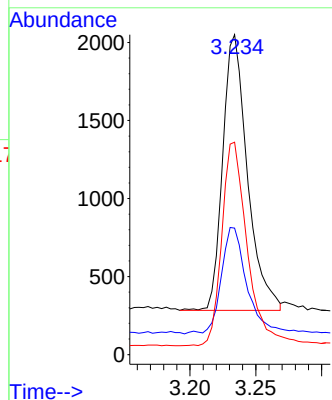
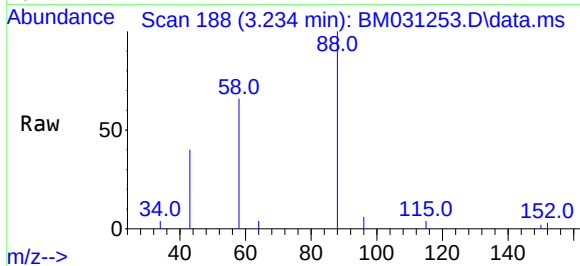




#2
1,4-Dioxane
Concen: 1.425 ng/ul
RT: 3.234 min Scan# 188
Delta R.T. -0.000 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

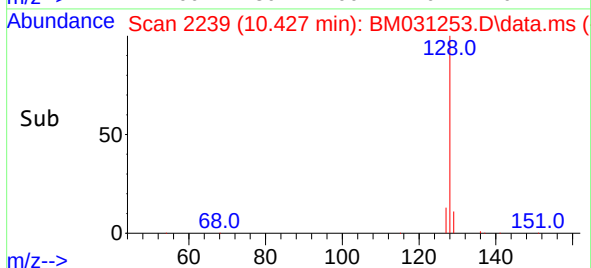
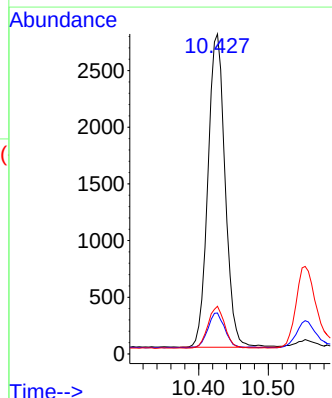
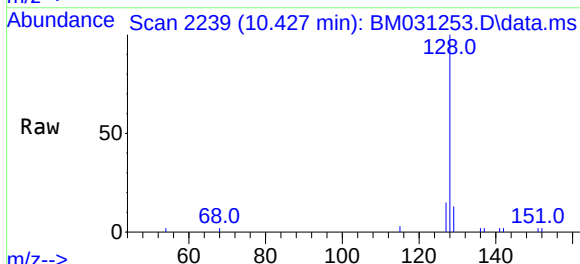
Instrument :
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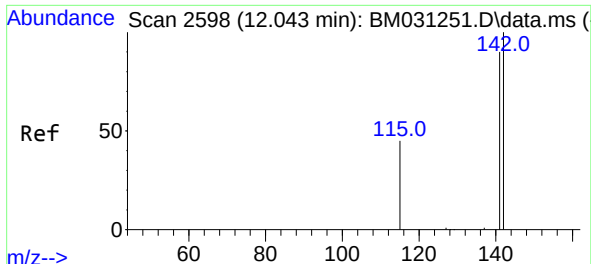
Tgt Ion: 88 Resp: 2303
Ion Ratio Lower Upper
88 100
43 39.6 29.7 44.5
58 66.4 35.6 53.4#



#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.427 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion: 128 Resp: 4732
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 14.9 11.6 17.4

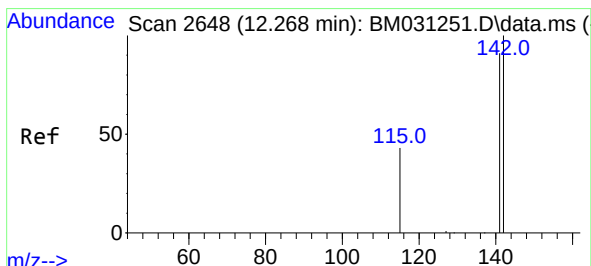
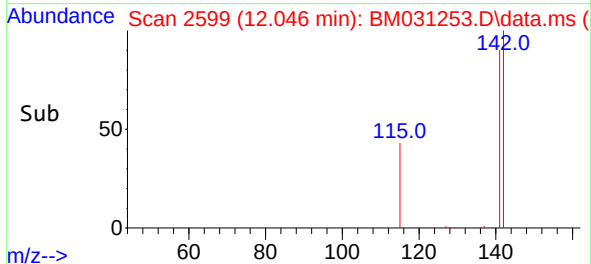
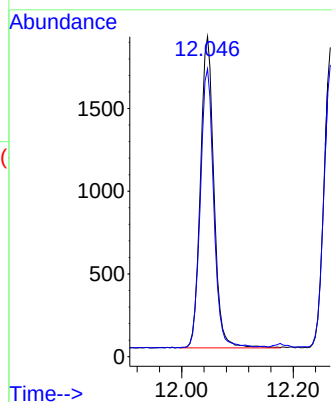
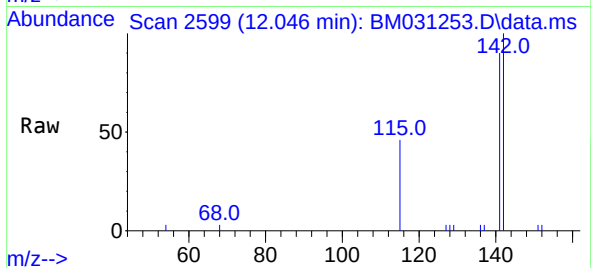




#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.046 min Scan# 2599
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

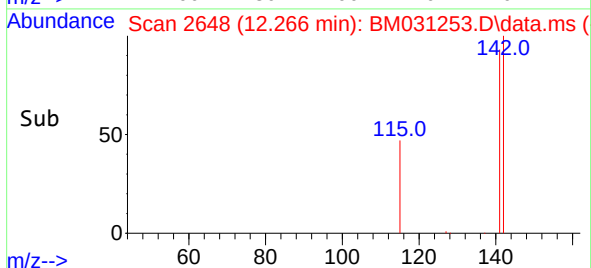
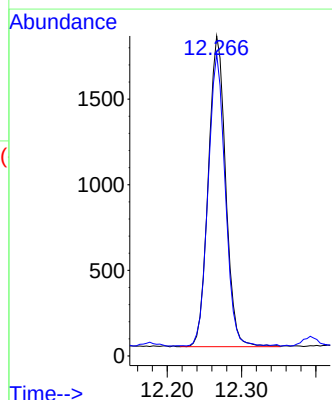
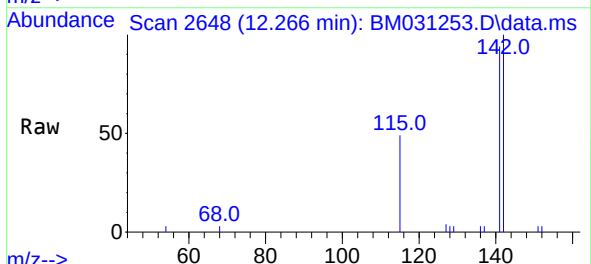
Instrument :
BNA_M
ClientSampled :
SLCS868

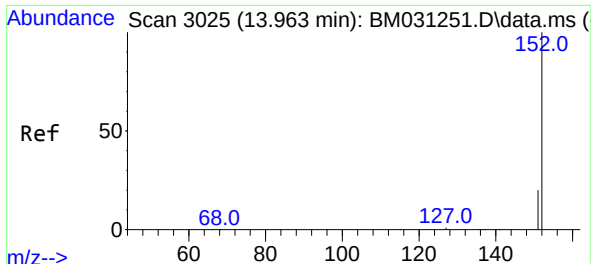
Tgt Ion:142 Resp: 3163
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.266 min Scan# 2648
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:142 Resp: 2937
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

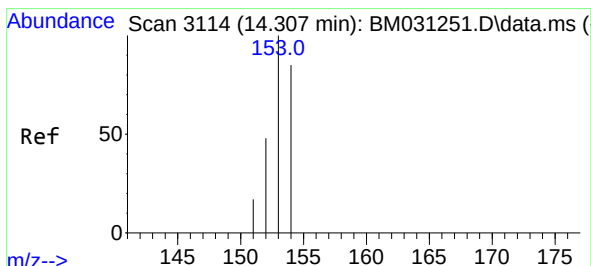
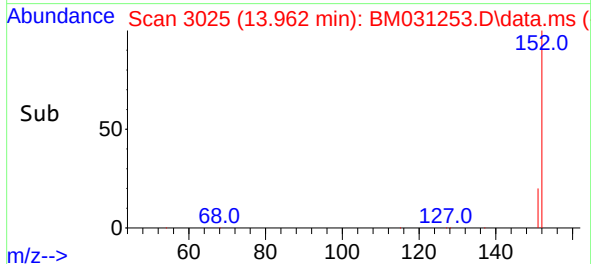
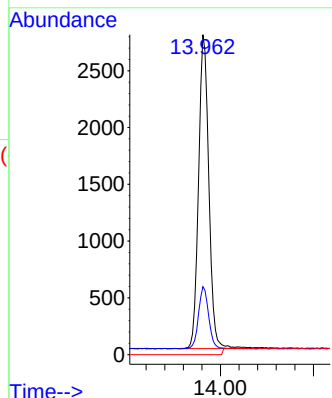
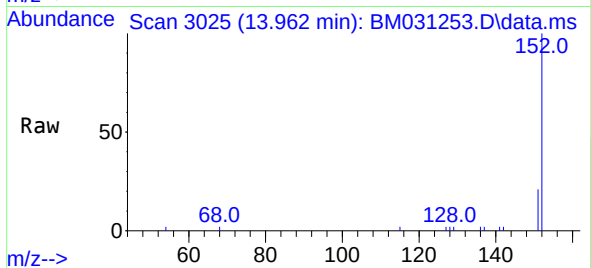




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

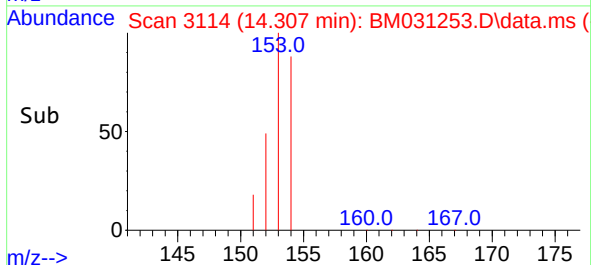
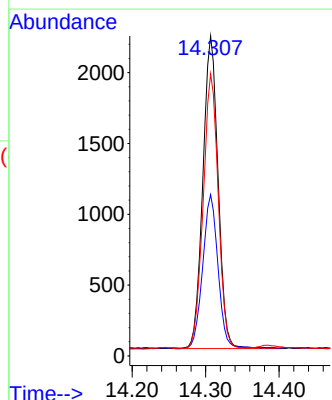
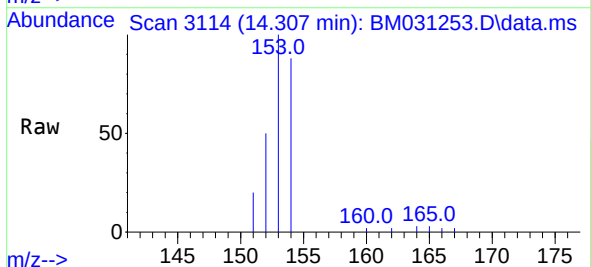
Instrument :
BNA_M
ClientSampleId :
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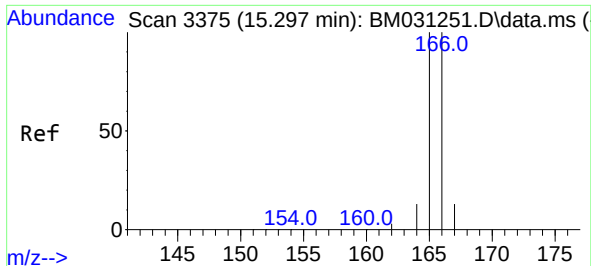
Tgt Ion:152 Resp: 3887
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:153 Resp: 3173
Ion Ratio Lower Upper
153 100
152 50.4 40.7 61.1
154 88.1 70.2 105.2

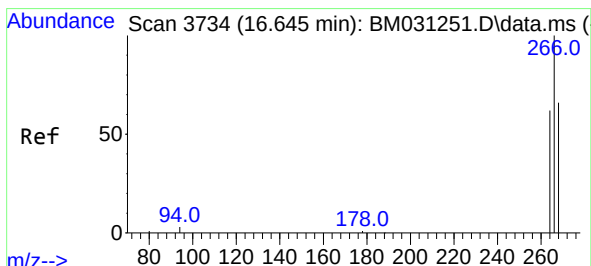
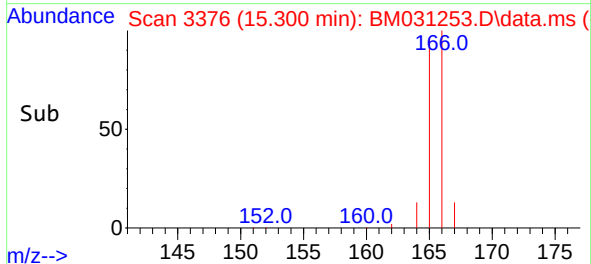
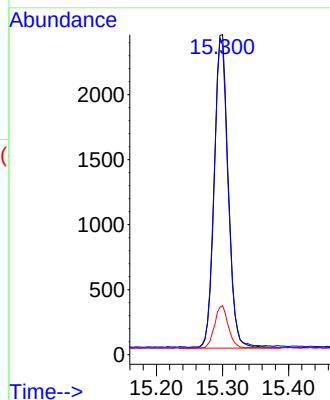
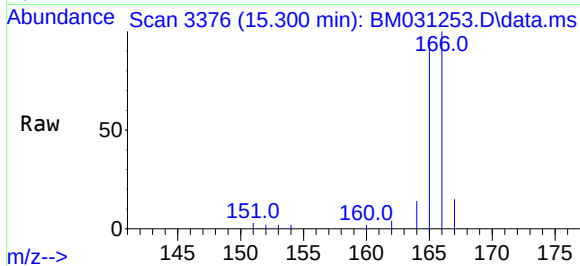




#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.300 min Scan# 3376
Delta R.T. 0.003 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

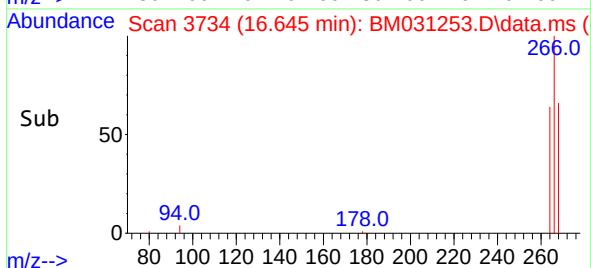
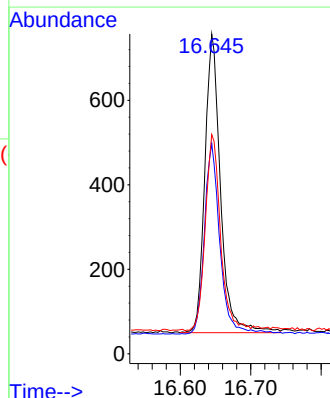
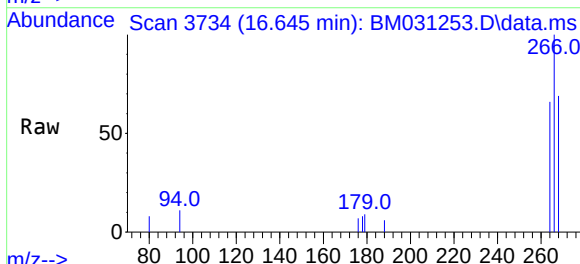
Instrument :
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ClientSampleId :
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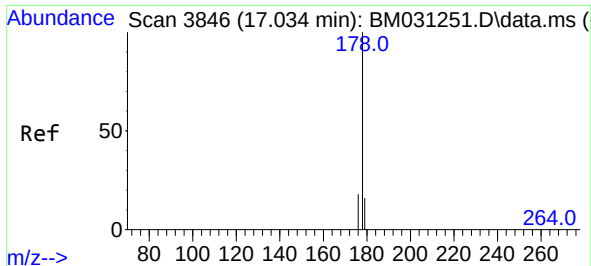
Tgt Ion:	166	Resp:	3549
Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.0	117.0
167	15.3	12.0	18.0



#14
Pentachlorophenol
Concen: 0.582 ng/ul
RT: 16.645 min Scan# 3734
Delta R.T. -0.004 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:	266	Resp:	1094
Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.1	75.1
268	63.6	51.3	76.9

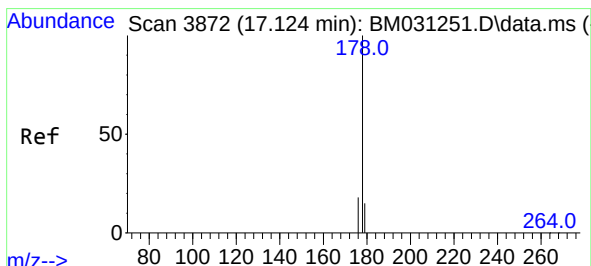
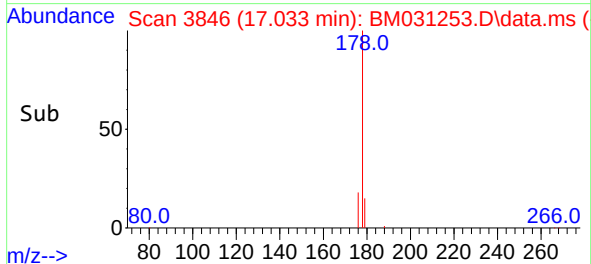
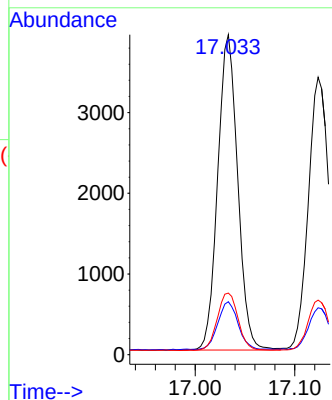
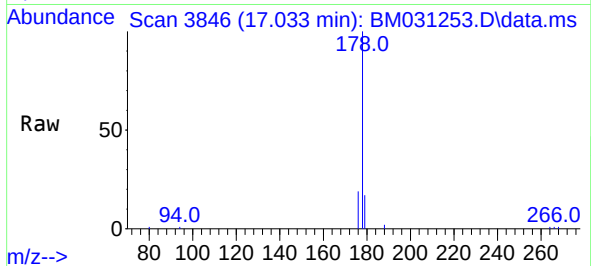




#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.033 min Scan# 3846
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

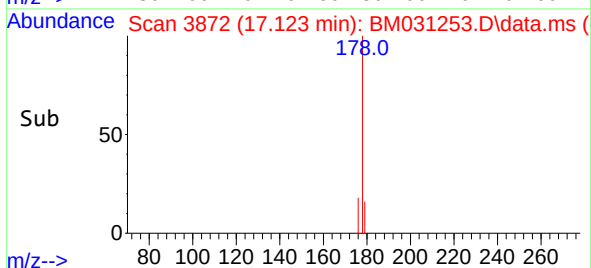
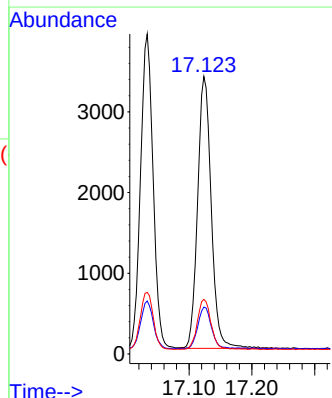
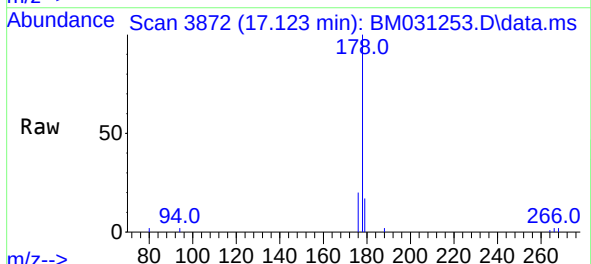
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SLCS868

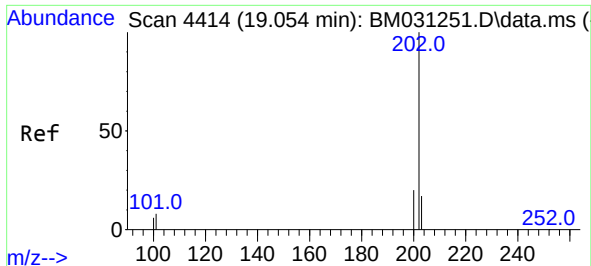
Tgt Ion:178	Resp:	5442
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.3 19.9
176	19.2	16.2 24.4



#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.123 min Scan# 3872
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:178	Resp:	5080
Ion Ratio	Lower	Upper
178	100	
179	16.9	13.0 19.6
176	19.7	15.6 23.4

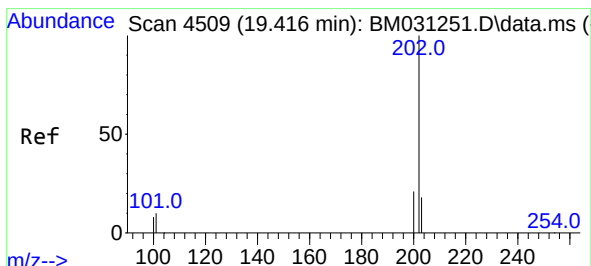
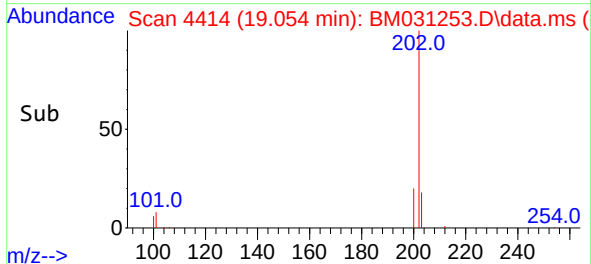
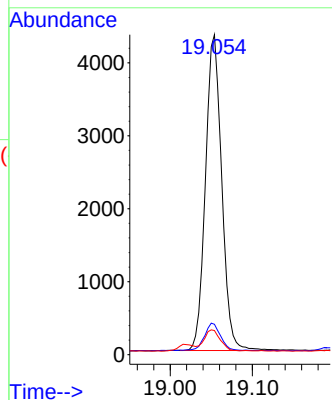
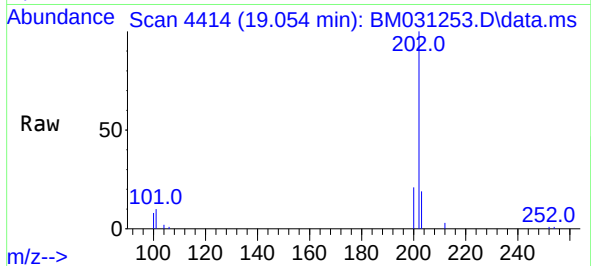




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

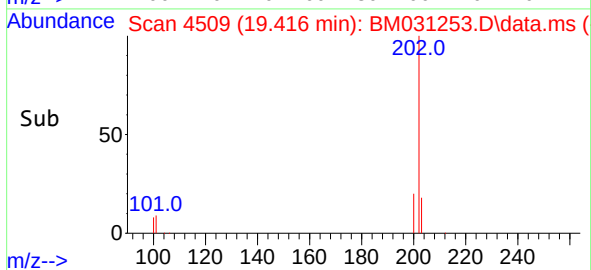
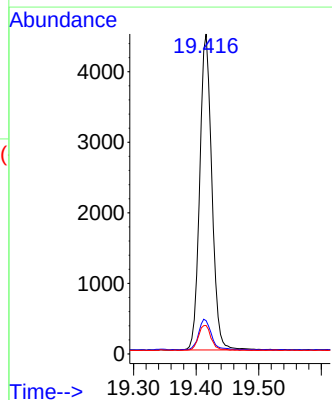
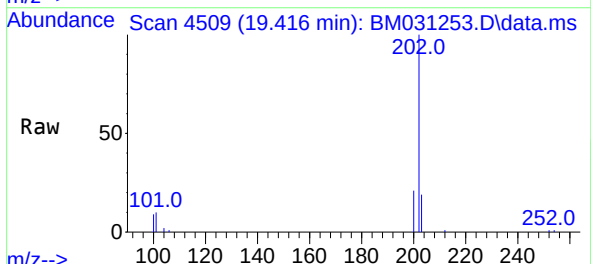
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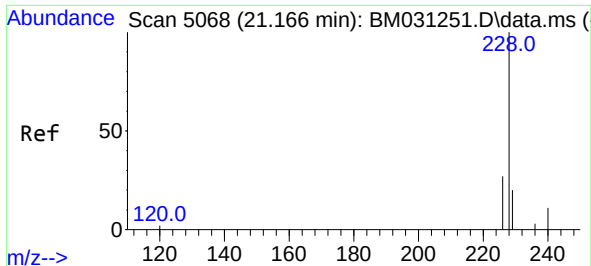
Tgt Ion:	202	Resp:	5962
Ion Ratio	Lower	Upper	
202	100		
101	9.5	6.6	10.0
100	7.5	5.4	8.0



#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:	202	Resp:	6038
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.8	11.6
100	8.9	6.6	10.0

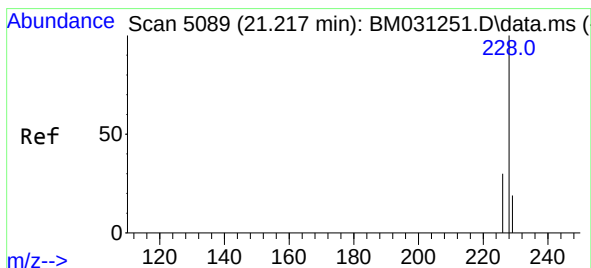
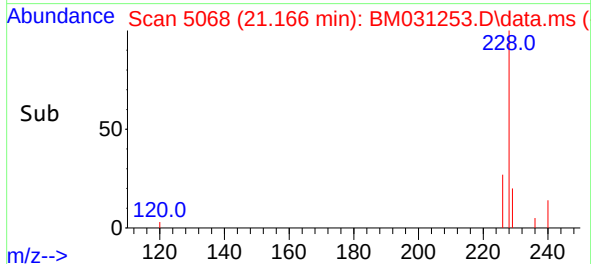
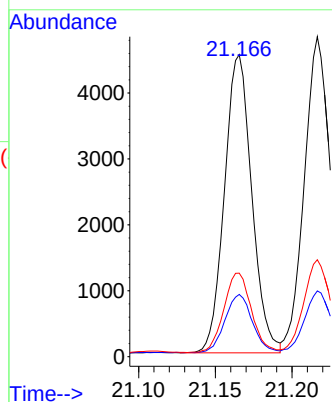
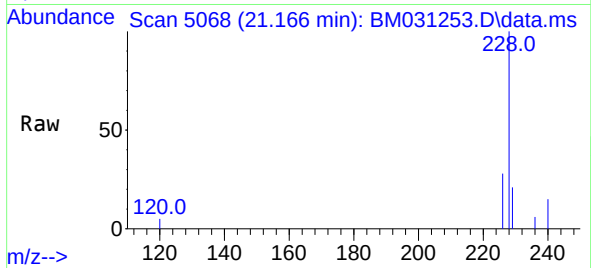




#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

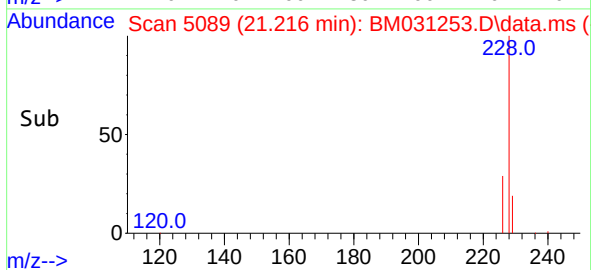
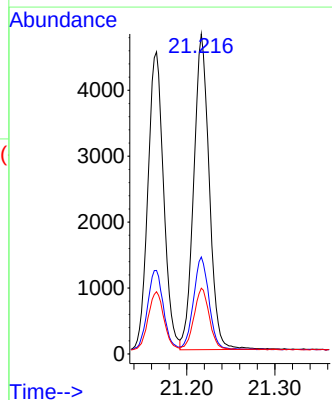
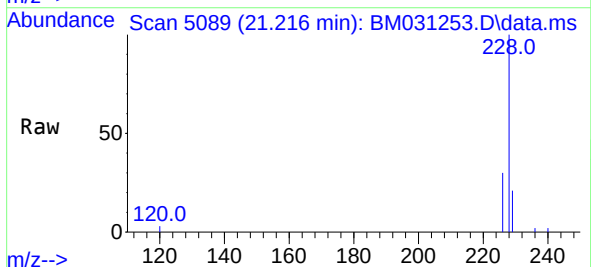
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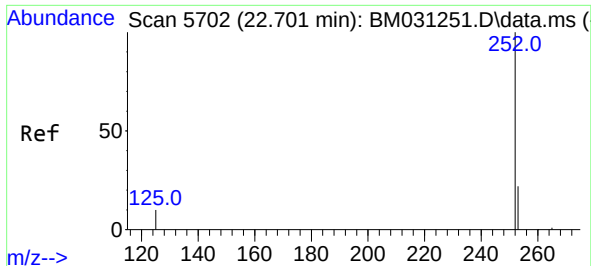
Tgt Ion:228	Resp:	5604
Ion Ratio	Lower	Upper
228	100	
229	20.6	15.6 23.4
226	27.6	21.7 32.5



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.216 min Scan# 5089
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:228	Resp:	5835
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.7 37.1
229	20.5	16.2 24.2

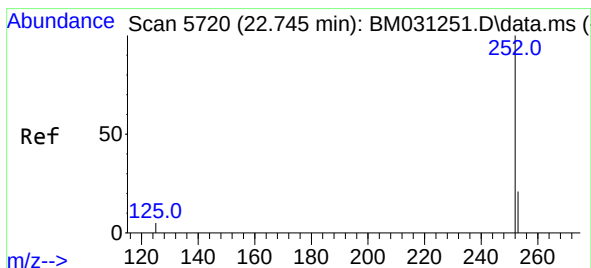
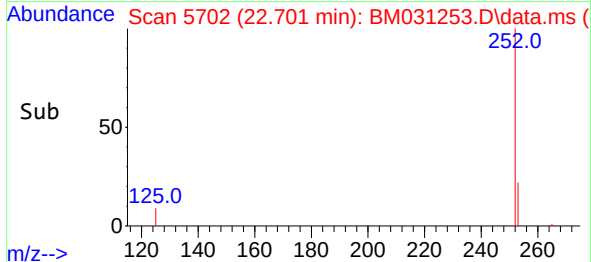
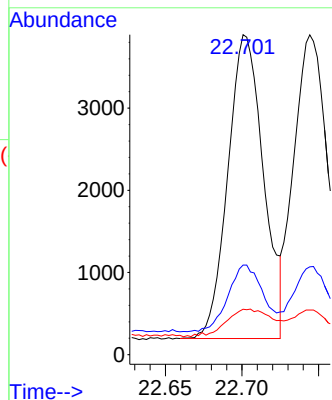
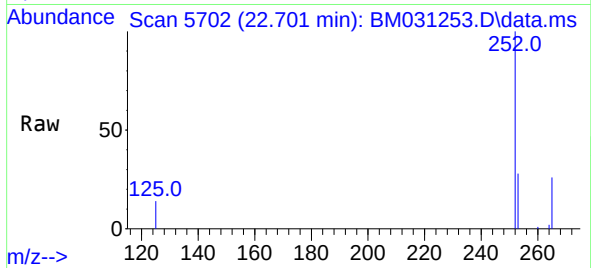




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 22.701 min Scan# 5702
Delta R.T. -0.003 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

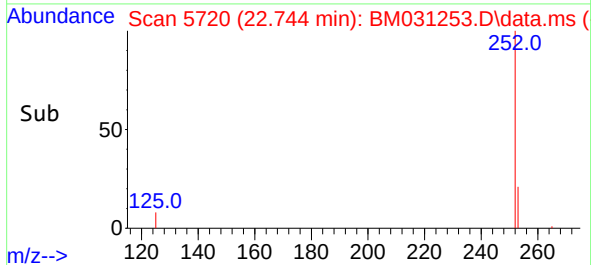
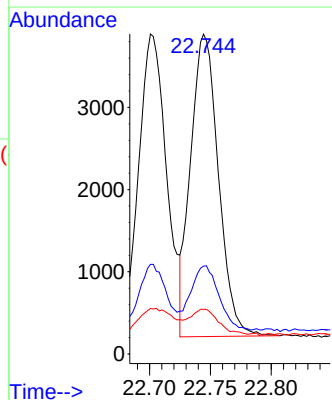
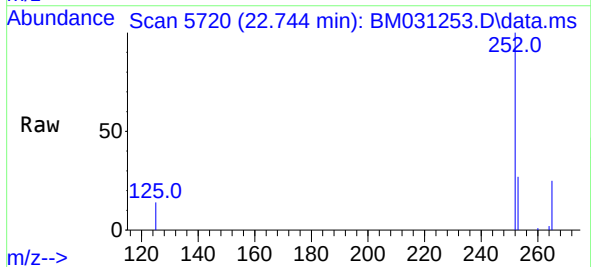
Instrument :
BNA_M
ClientSampleId :
SLCS868

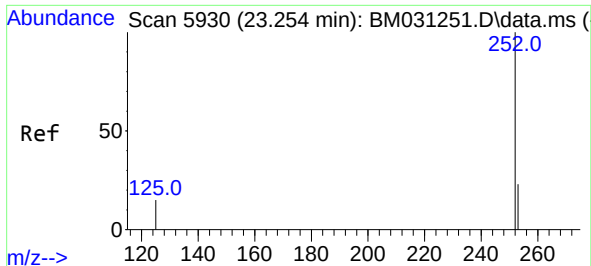
Tgt Ion:	252	Resp:	5964
Ion Ratio	Lower	Upper	
252	100		
253	28.0	0.0	53.0
125	14.2	0.0	22.8



#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul
RT: 22.744 min Scan# 5720
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:	252	Resp:	5845
Ion Ratio	Lower	Upper	
252	100		
253	27.5	21.3	31.9
125	13.9	8.8	13.2#

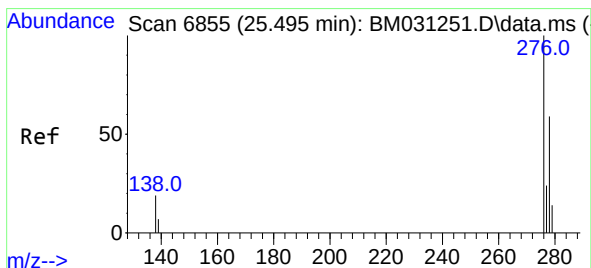
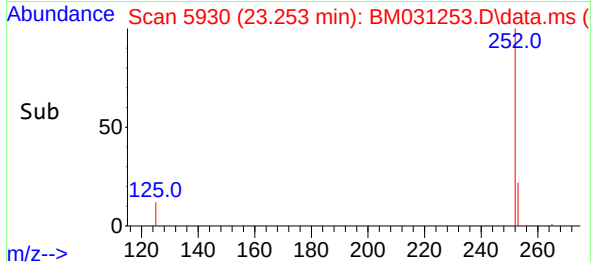
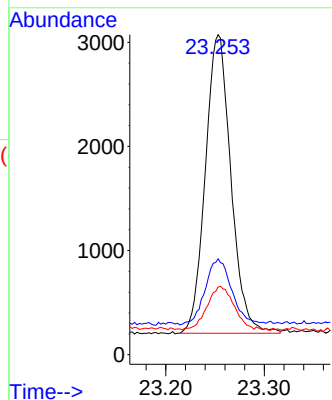
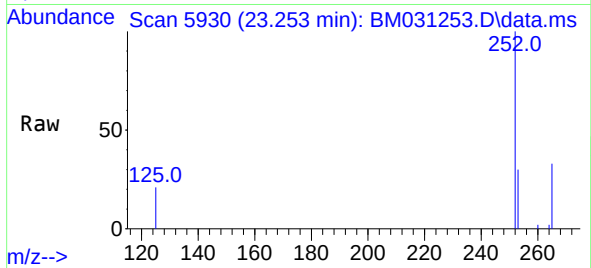




#26
Benzo(a)pyrene
Concen: 0.306 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

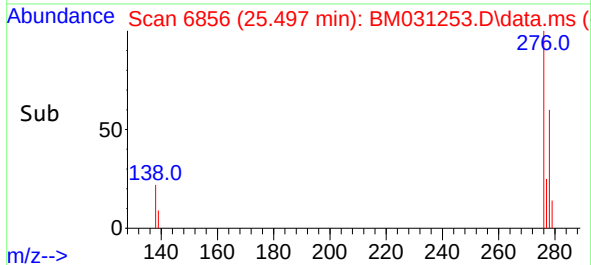
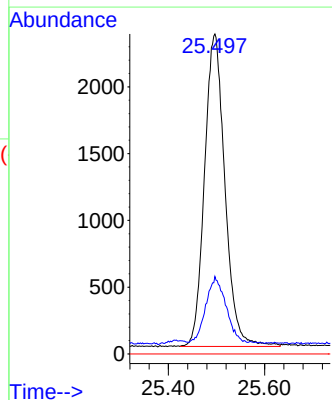
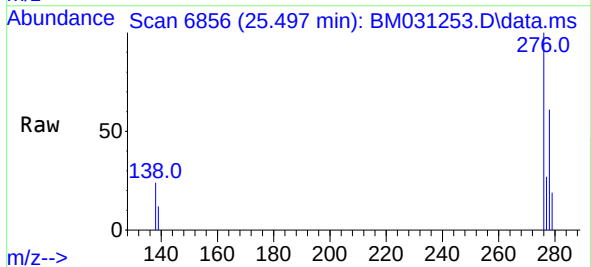
Instrument :
BNA_M
ClientSampleId :
SLCS868

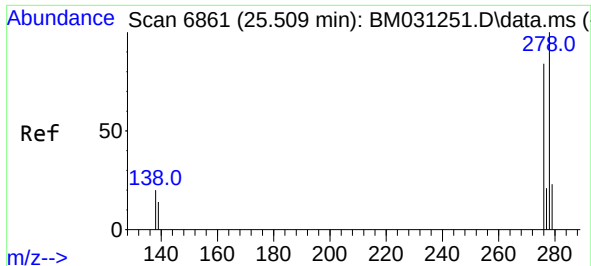
Tgt Ion:	252	Resp:	5175
Ion Ratio	Lower	Upper	
252	100		
253	30.0	22.4	33.6
125	21.2	13.0	19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. -0.001 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:	276	Resp:	6884
Ion Ratio	Lower	Upper	
276	100		
138	21.2	15.8	23.8
227	0.0	0.0	0.0

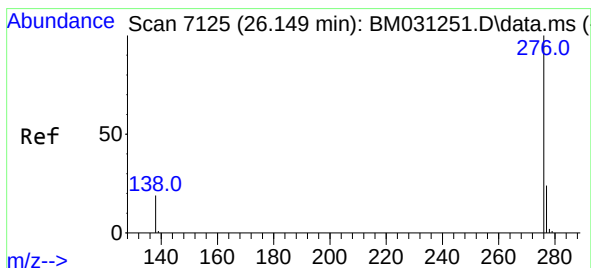
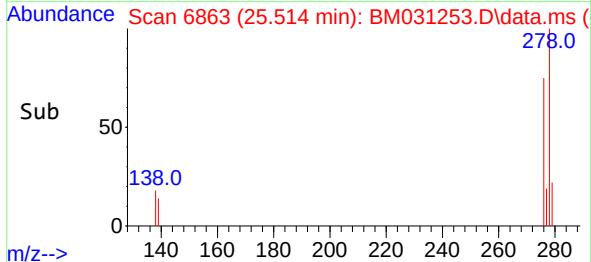
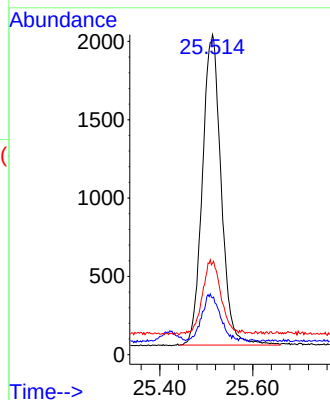
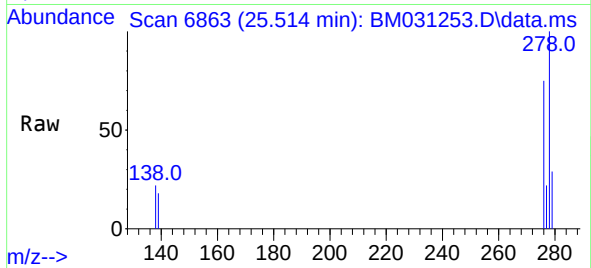




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. 0.007 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Instrument :
BNA_M
ClientSampleId :
SLCS868

Tgt Ion:278 Resp: 5537
Ion Ratio Lower Upper
278 100
139 17.8 13.3 19.9
279 28.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 26.148 min Scan# 7125
Delta R.T. 0.002 min
Lab File: BM031253.D
Acq: 29 Jul 2021 17:53

Tgt Ion:276 Resp: 5872
Ion Ratio Lower Upper
276 100
138 21.3 15.4 23.2
277 26.0 19.9 29.9

