

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
 Data File : BM034843.D
 Acq On : 26 Apr 2022 19:04
 Operator : CG/JU
 Sample : PB144333BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS333

Quant Time: Apr 27 01:29:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

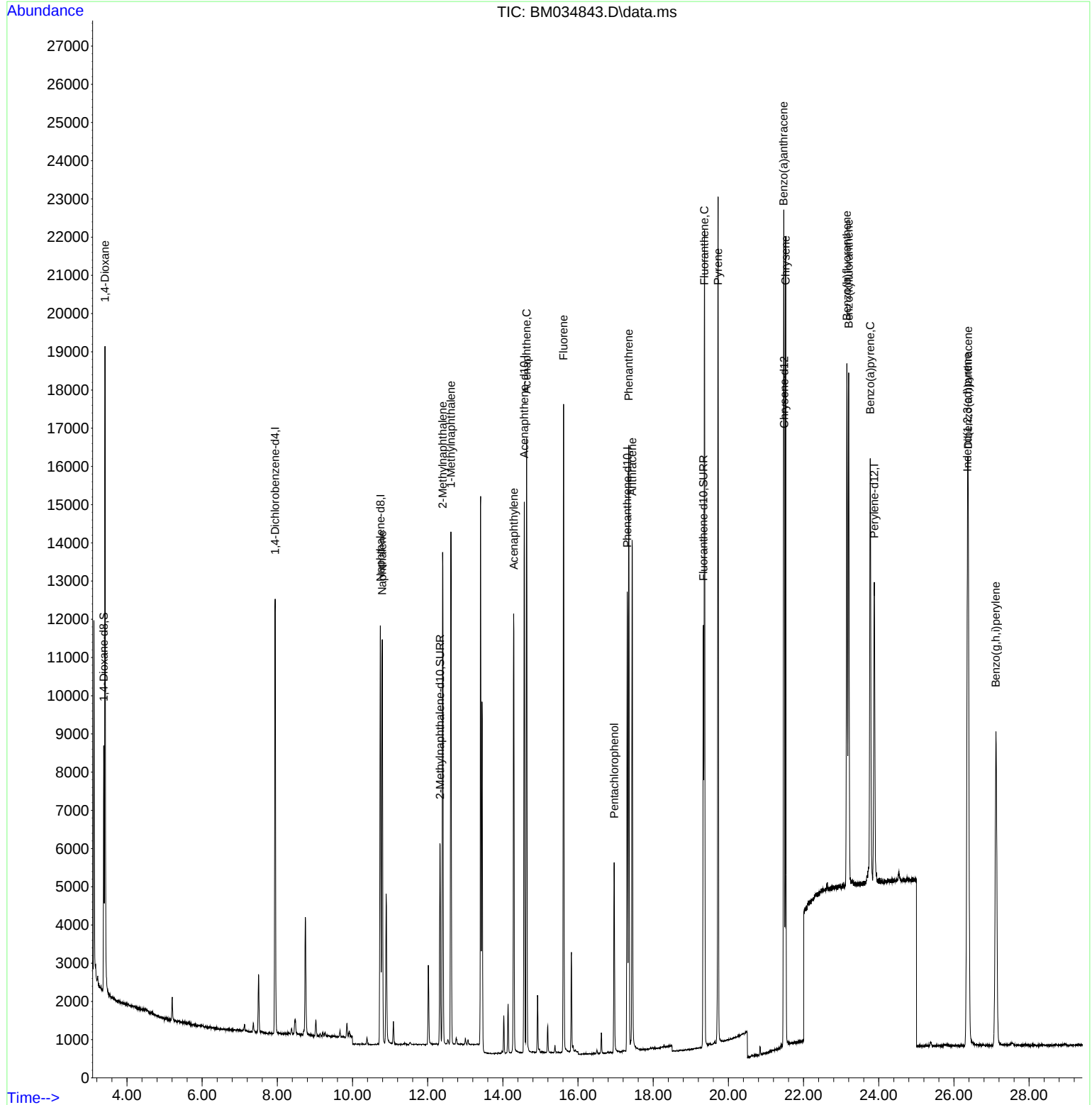
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	14945	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	7516	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	14091	0.400	ng/ul #	0.00
17) Chrysene-d12	21.488	240	10617	0.400	ng/ul #	0.00
23) Perylene-d12	23.882	264	11029	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	3739	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6867	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11944	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.415	88	10079	1.660	ng/ul#	81
5) Naphthalene	10.792	128	14440	0.338	ng/ul#	88
7) 2-Methylnaphthalene	12.398	142	9020	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8797	0.315	ng/ul	100
10) Acenaphthylene	14.288	152	13029	0.397	ng/ul#	91
11) Acenaphthene	14.630	153	9247	0.333	ng/ul	96
12) Fluorene	15.616	166	10246	0.327	ng/ul#	97
14) Pentachlorophenol	16.963	266	3292	0.788	ng/ul	97
15) Phenanthrene	17.351	178	16217	0.348	ng/ul	94
16) Anthracene	17.440	178	14731	0.355	ng/ul#	92
19) Fluoranthene	19.363	202	18266	0.358	ng/ul	98
20) Pyrene	19.726	202	18528	0.362	ng/ul	99
21) Benzo(a)anthracene	21.471	228	16578	0.401	ng/ul	98
22) Chrysene	21.523	228	17116	0.389	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	18194	0.361	ng/ul	91
25) Benzo(k)fluoranthene	23.201	252	17151	0.341	ng/ul#	90
26) Benzo(a)pyrene	23.774	252	16887	0.411	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.360	276	20704	0.359	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.380	278	16762	0.357	ng/ul#	90
29) Benzo(g,h,i)perylene	27.118	276	17769	0.357	ng/ul	94

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

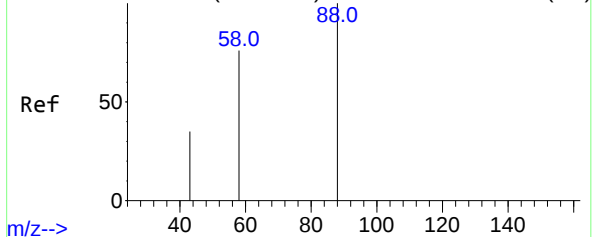
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
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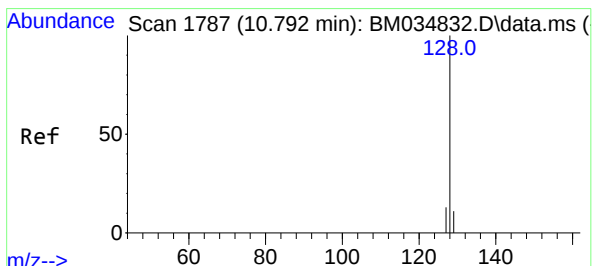
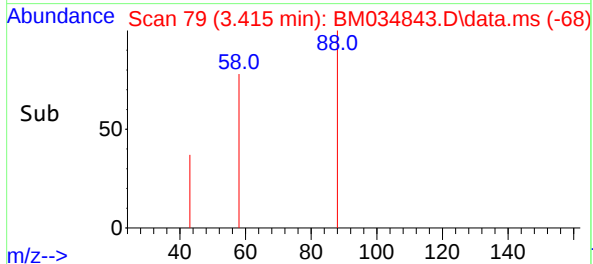
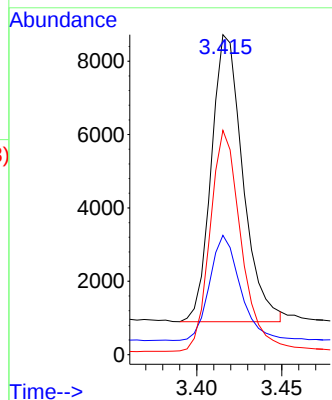
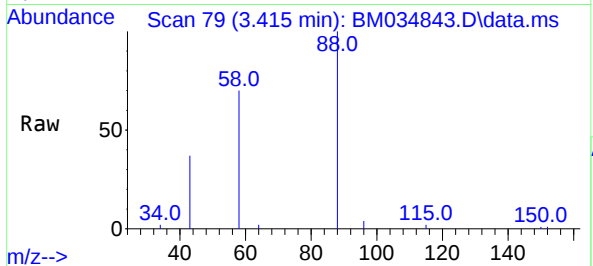
Abundance Scan 80 (3.420 min): BM034832.D\data.ms (-73)



#2
1,4-Dioxane
Concen: 1.660 ng/ul
RT: 3.415 min Scan# 79
Delta R.T. -0.004 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

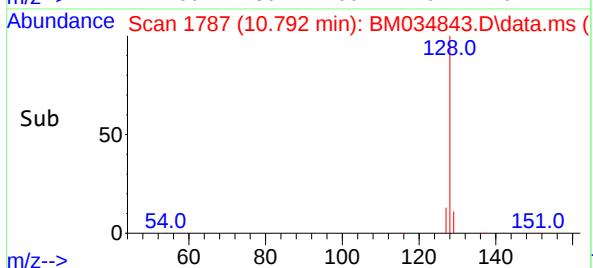
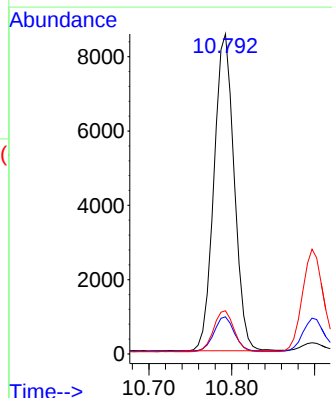
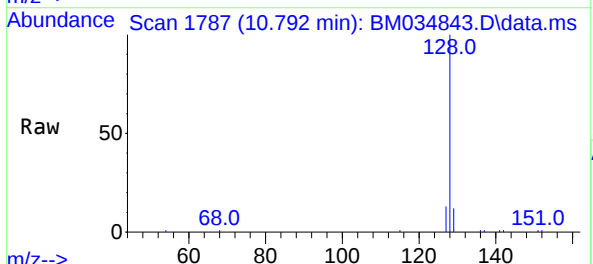
Instrument :
BNA_M
ClientSampleId :
SLCS333

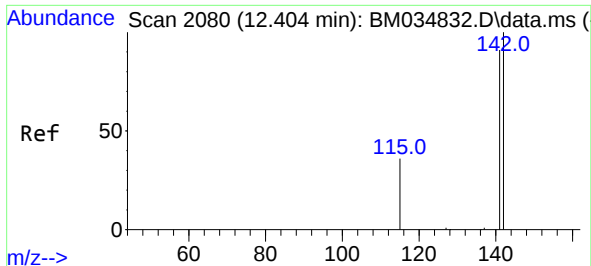
Tgt Ion: 88 Resp: 10079
Ion Ratio Lower Upper
88 100
43 37.3 49.7 74.5#
58 70.1 52.5 78.7



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion: 128 Resp: 14440
Ion Ratio Lower Upper
128 100
129 11.6 13.4 20.2#
127 13.5 15.2 22.8#

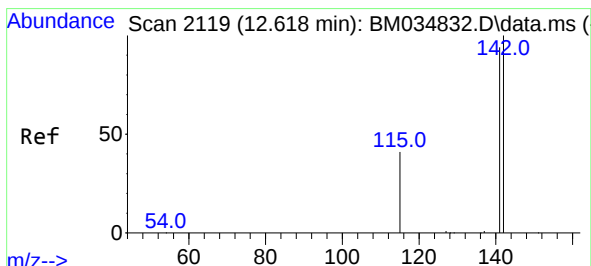
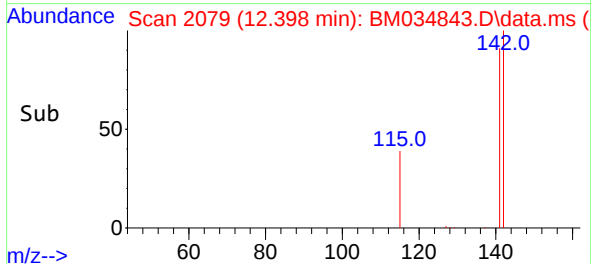
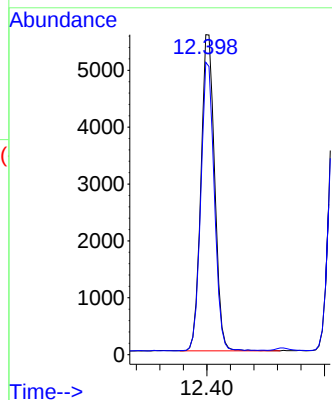
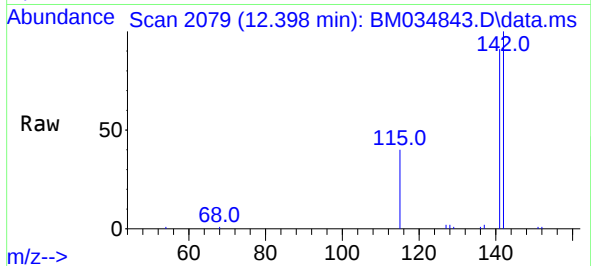




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.398 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

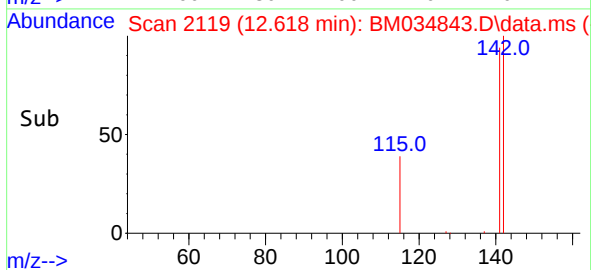
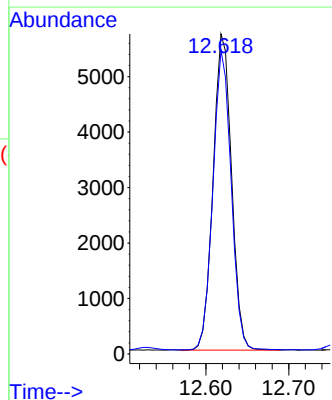
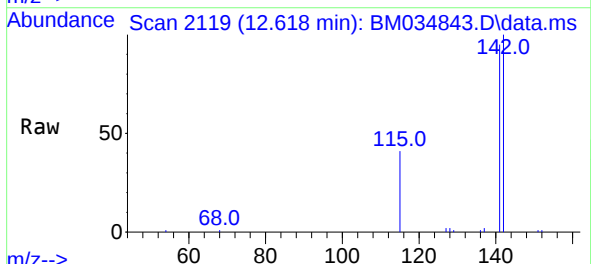
Instrument :
BNA_M
ClientSampleId :
SLCS333

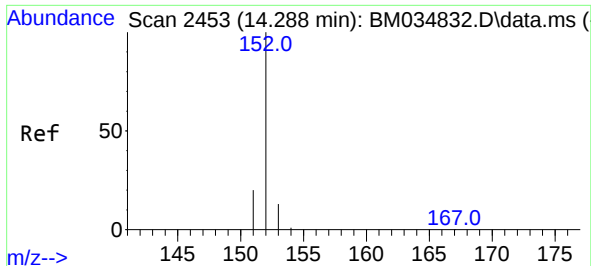
Tgt Ion:142 Resp: 9020
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:142 Resp: 8797
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

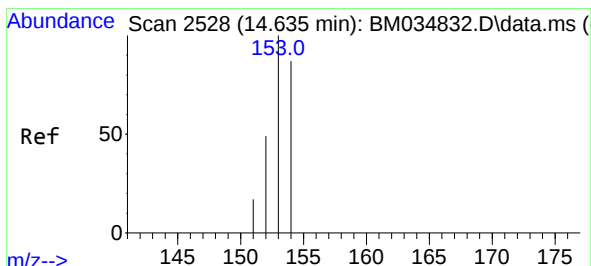
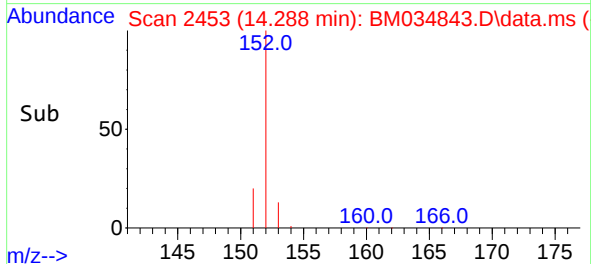
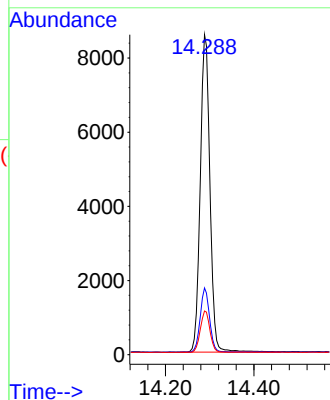
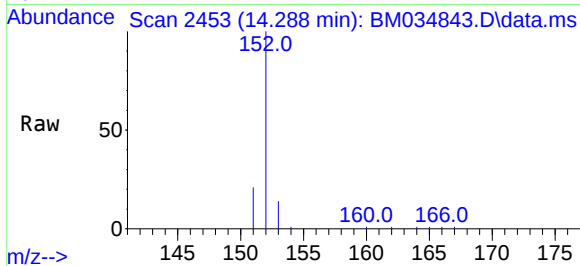




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

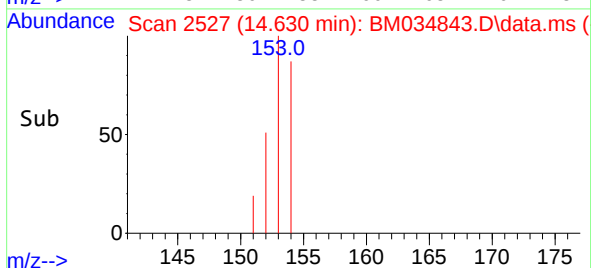
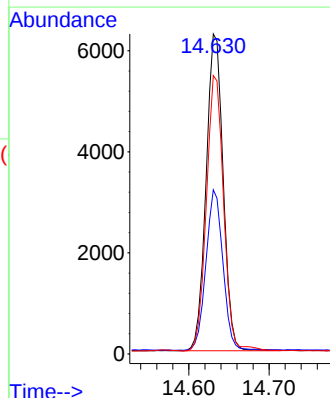
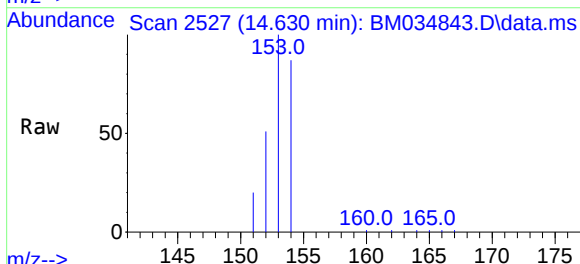
Instrument :
BNA_M
ClientSampleId :
SLCS333

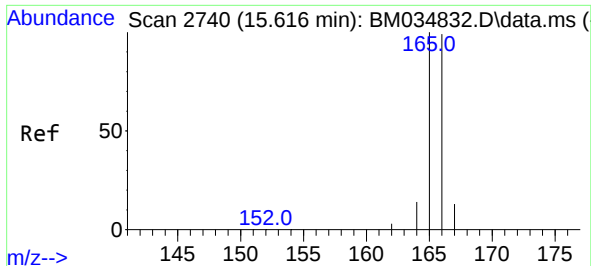
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	19.9	29.9
153	13.6	15.0	22.4



#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.630 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.3	42.4	63.6
154	87.0	66.2	99.2

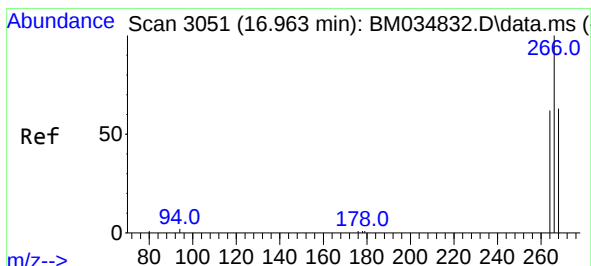
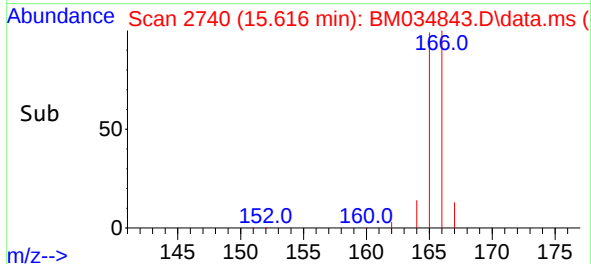
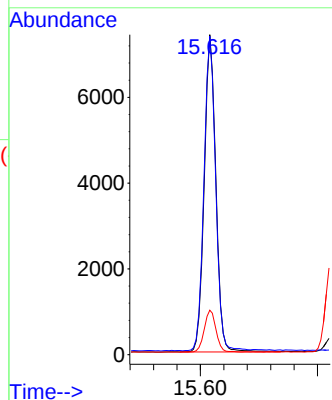
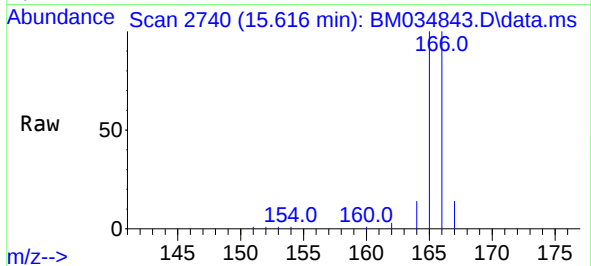




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

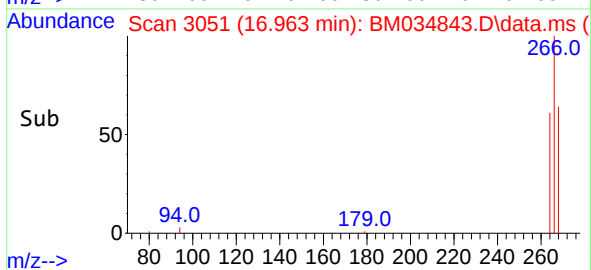
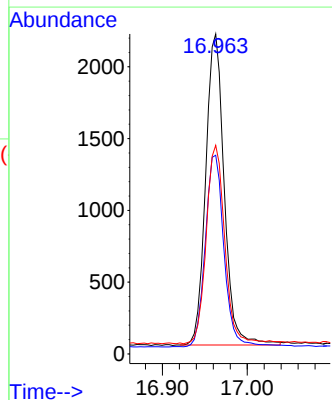
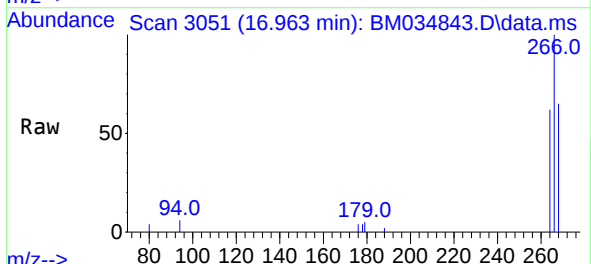
Instrument :
BNA_M
ClientSampleId :
SLCS333

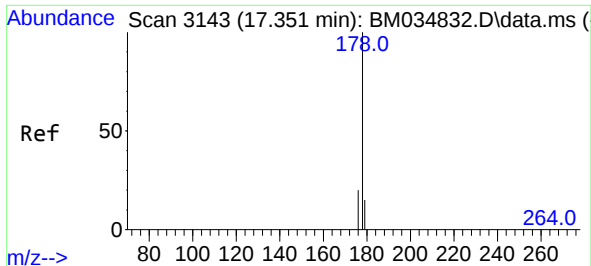
Tgt Ion:166 Resp: 10246
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 13.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.788 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:266 Resp: 3292
Ion Ratio Lower Upper
266 100
264 62.1 51.4 77.0
268 64.1 53.1 79.7

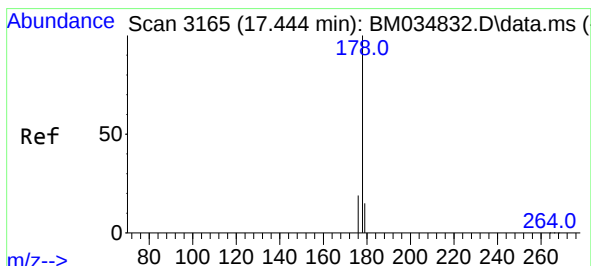
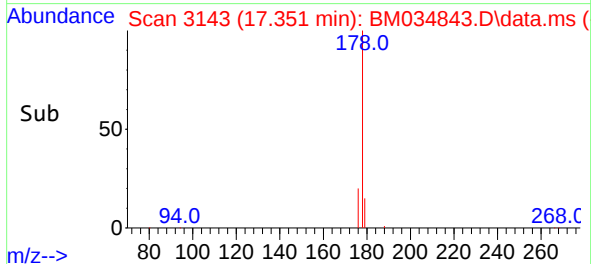
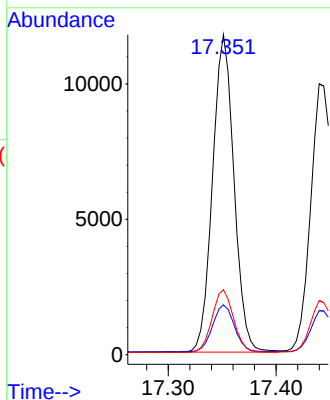
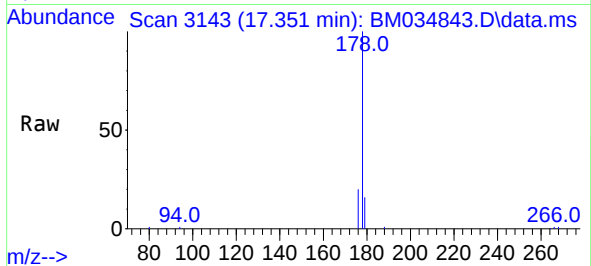




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

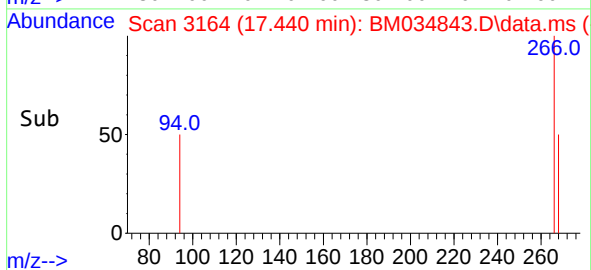
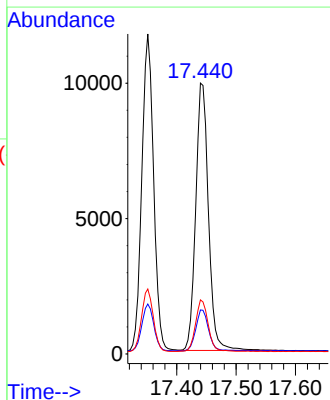
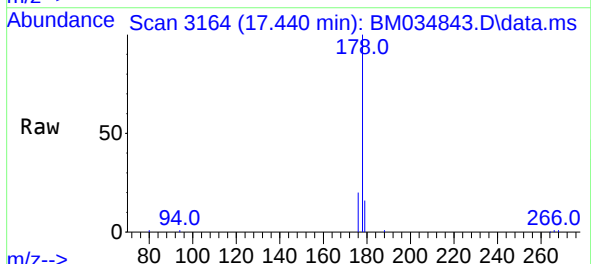
Instrument :
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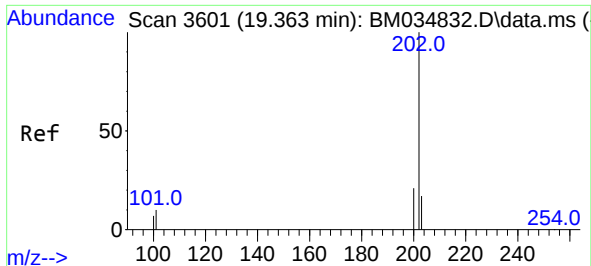
Tgt Ion:	178	Resp:	16217
Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.0	22.6
176	20.3	17.9	26.9



#16
Anthracene
Concen: 0.355 ng/ul
RT: 17.440 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:	178	Resp:	14731
Ion	Ratio	Lower	Upper
178	100		
179	16.3	16.5	24.7#
176	19.9	18.3	27.5

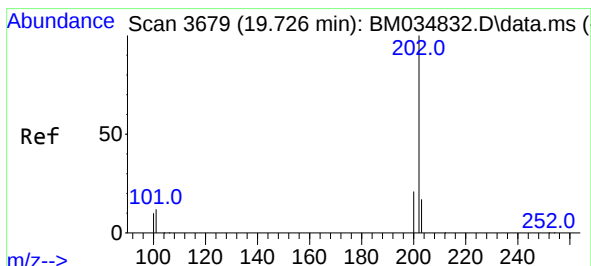
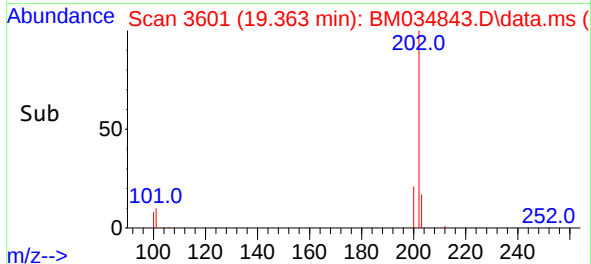
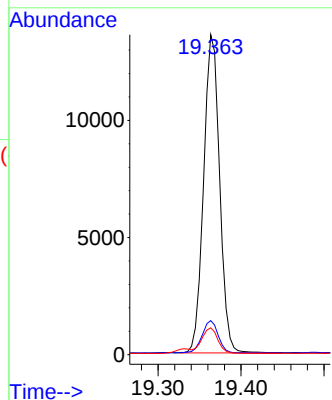
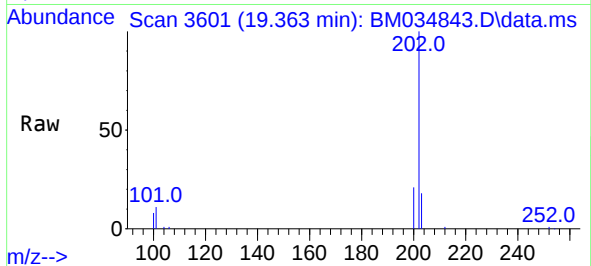




#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.363 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

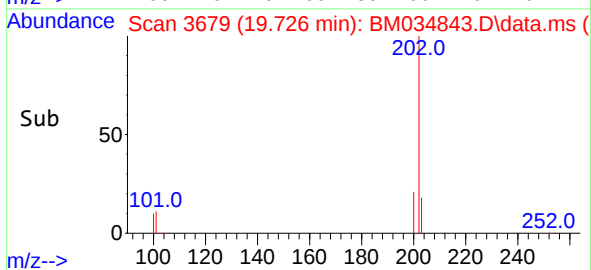
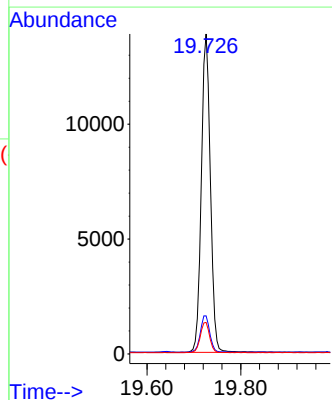
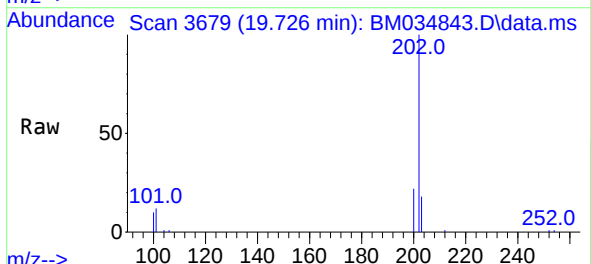
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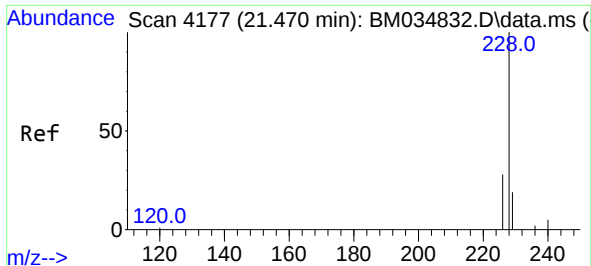
Tgt Ion:202 Resp: 18266
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 8.4 7.2 10.8



#20
Pyrene
Concen: 0.362 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:202 Resp: 18528
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.9 7.8 11.6



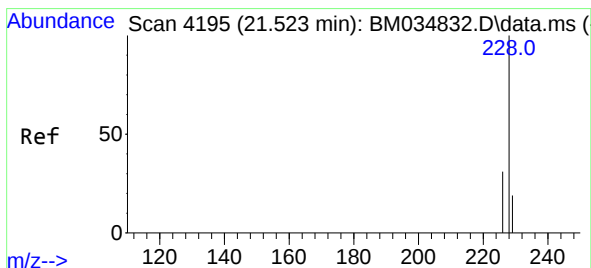
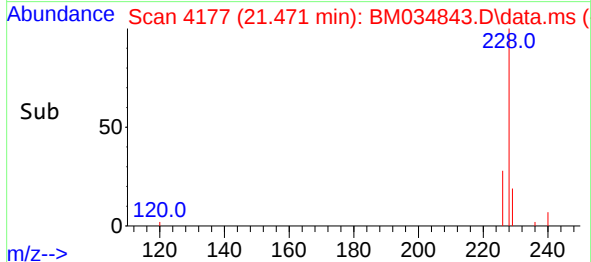
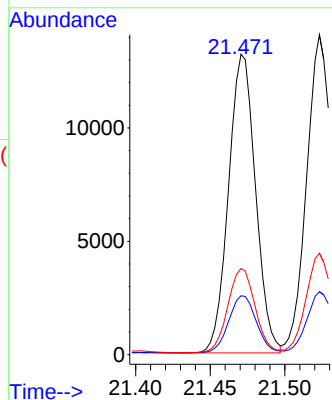
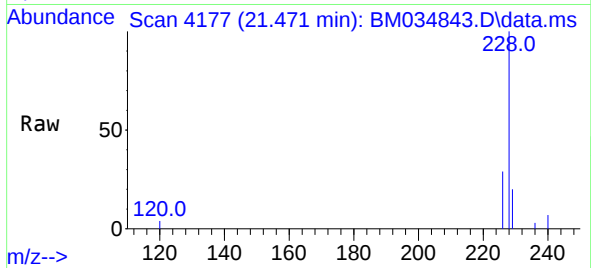


#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Instrument :
BNA_M
ClientSampleId :
SLCS333

Tgt Ion:228 Resp: 16578

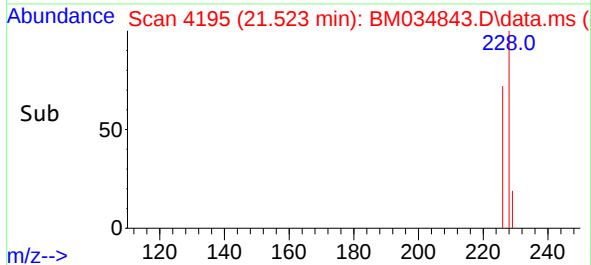
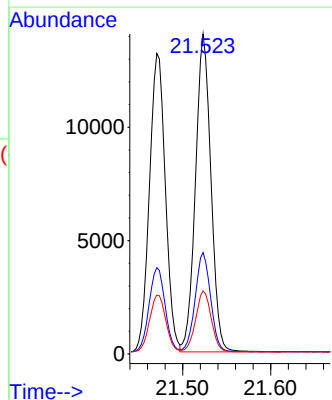
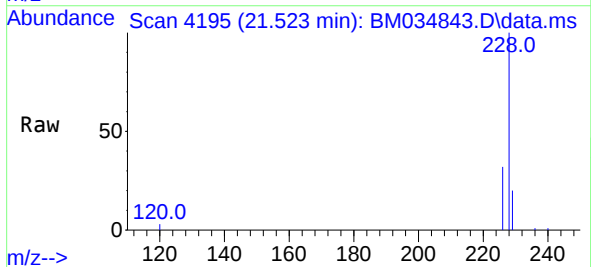
Ion	Ratio	Lower	Upper
228	100		
229	19.6	17.3	25.9
226	28.7	23.2	34.8

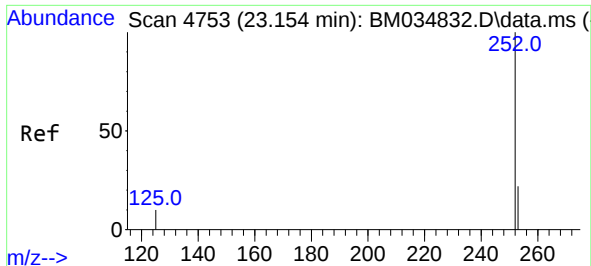


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:228 Resp: 17116

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.8
229	19.7	16.7	25.1

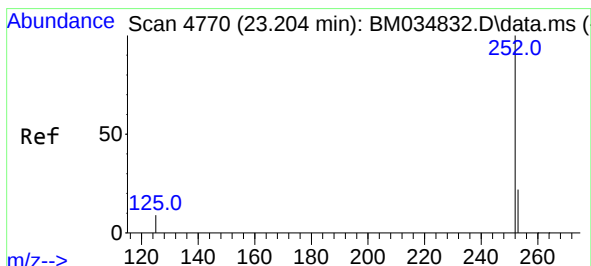
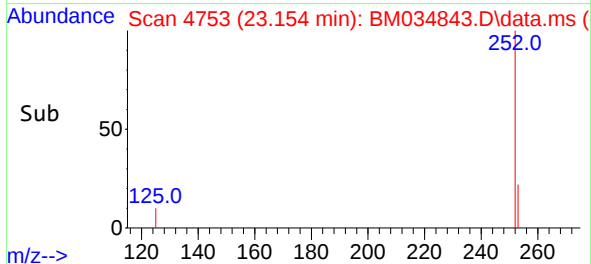
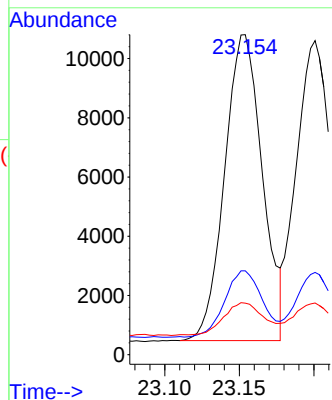
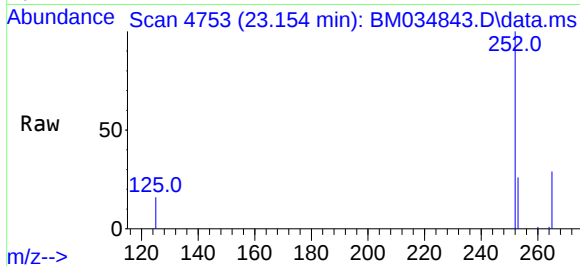




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

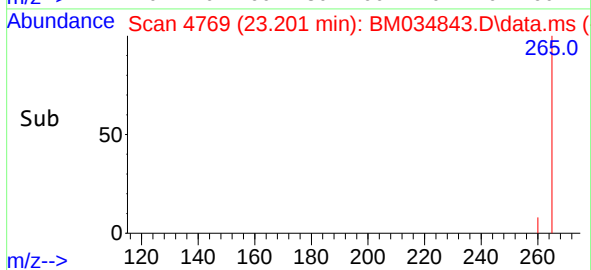
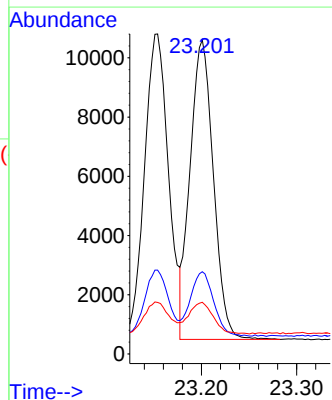
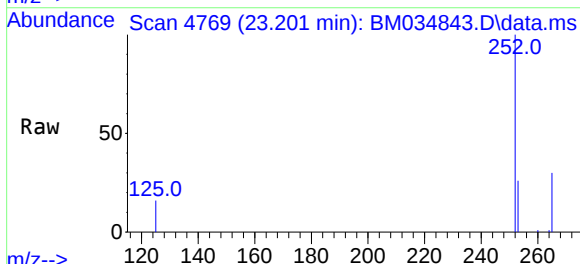
Instrument :
BNA_M
ClientSampleId :
SLCS333

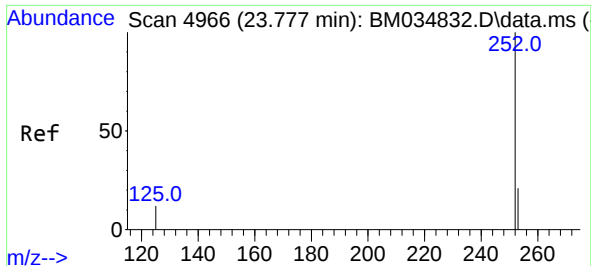
Tgt Ion:	252	Resp:	18194
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	64.2
125	16.1	0.0	28.8



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:	252	Resp:	17151
Ion Ratio	Lower	Upper	
252	100		
253	26.2	26.8	40.2#
125	16.5	12.0	18.0

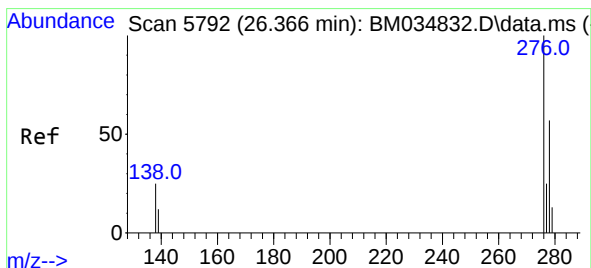
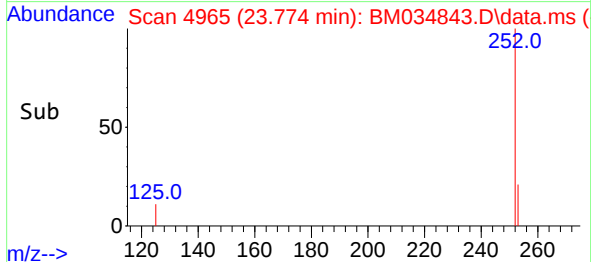
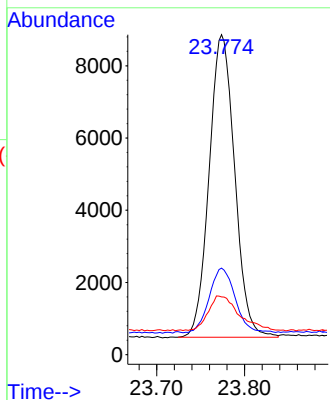
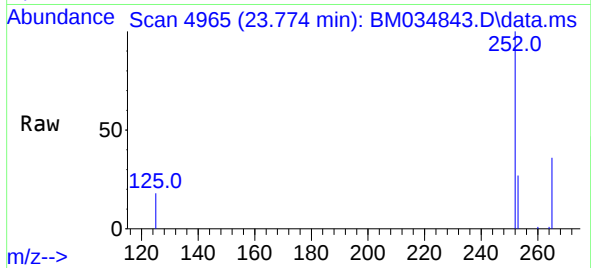




#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.774 min Scan# 4966
Delta R.T. -0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

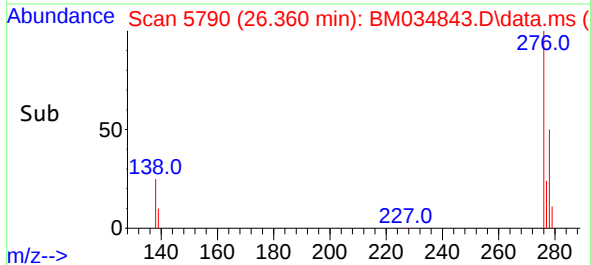
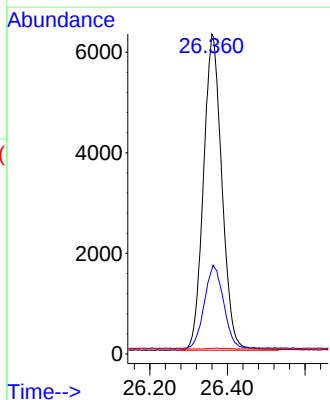
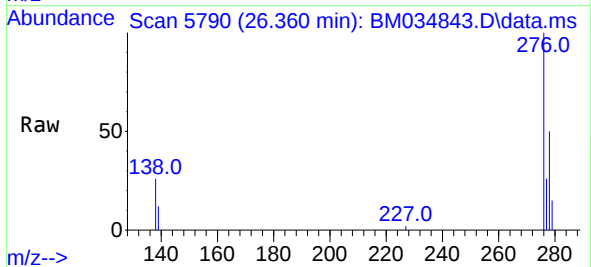
Instrument :
BNA_M
ClientSampleId :
SLCS333

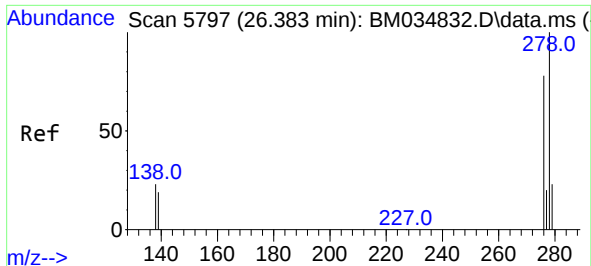
Tgt Ion:252 Resp: 16887
Ion Ratio Lower Upper
252 100
253 27.1 32.0 48.0#
125 18.0 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:276 Resp: 20704
Ion Ratio Lower Upper
276 100
138 27.3 15.8 23.6#
227 0.3 0.0 0.0#

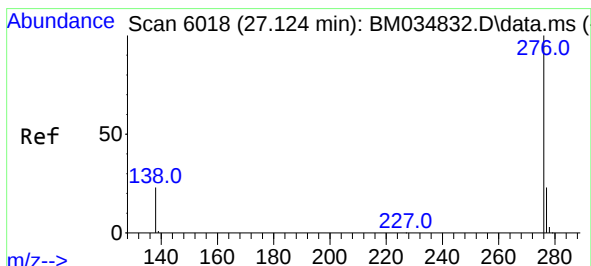
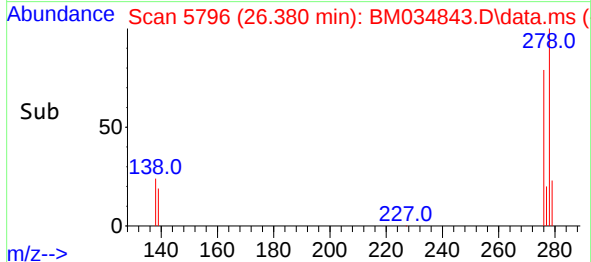
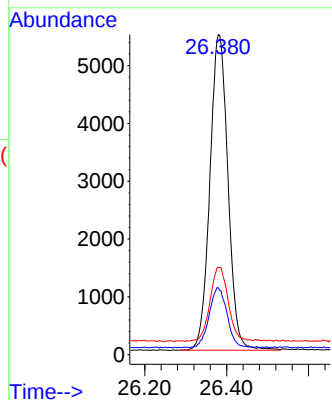
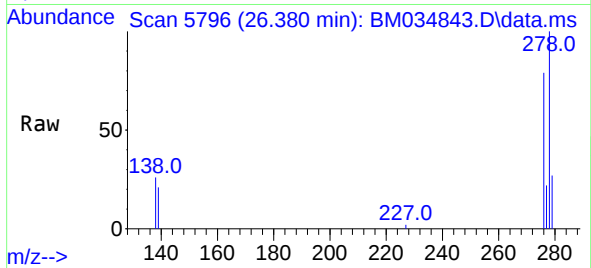




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.380 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Instrument :
BNA_M
ClientSampleId :
SLCS333

Tgt Ion:278 Resp: 16762
Ion Ratio Lower Upper
278 100
139 20.9 18.0 27.0
279 27.2 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034843.D
Acq: 26 Apr 2022 19:04

Tgt Ion:276 Resp: 17769
Ion Ratio Lower Upper
276 100
138 25.3 17.4 26.0
277 25.4 22.6 33.8

