

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030657.D
 Acq On : 28 Jun 2021 16:45
 Operator : CG/JU
 Sample : PB137370BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS370

Quant Time: Jun 28 17:19:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

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

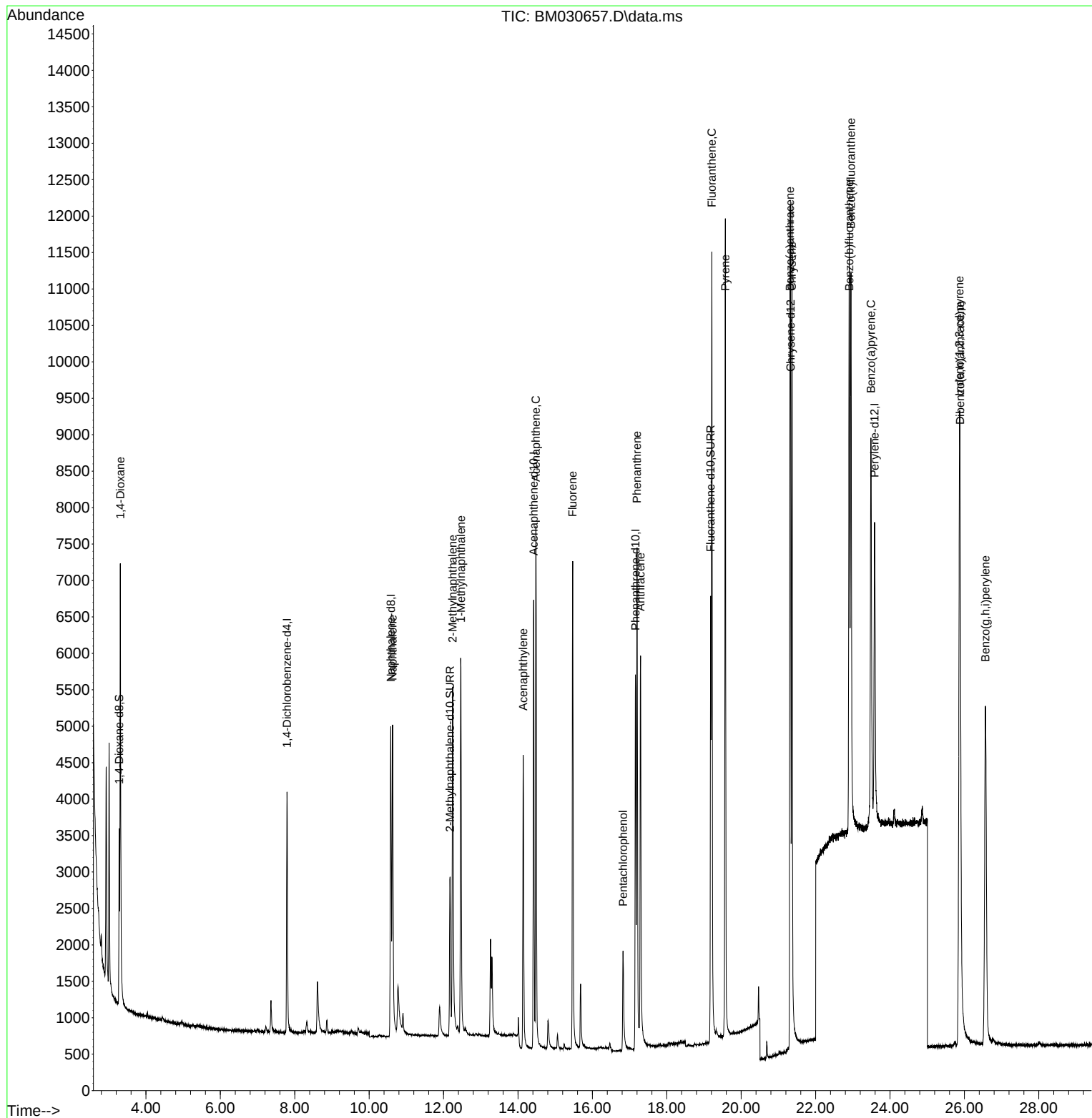
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	1914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	7021	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	3788	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	7186	0.400	ng/ul	0.00
17) Chrysene-d12	21.330	240	6552	0.400	ng/ul	0.00
23) Perylene-d12	23.584	264	6224	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	1526	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	3863	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	7446	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	3827	1.776	ng/ul#	79
5) Naphthalene	10.630	128	6803	0.340	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	4557	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	4188	0.320	ng/ul	100
10) Acenaphthylene	14.140	152	5575	0.330	ng/ul	98
11) Acenaphthene	14.481	153	4730	0.345	ng/ul	99
12) Fluorene	15.471	166	5080	0.336	ng/ul	99
14) Pentachlorophenol	16.825	266	1467	0.626	ng/ul	98
15) Phenanthrene	17.200	178	8252	0.342	ng/ul	100
16) Anthracene	17.294	178	7082	0.335	ng/ul	100
19) Fluoranthene	19.210	202	10170	0.352	ng/ul	99
20) Pyrene	19.573	202	10408	0.358	ng/ul	99
21) Benzo(a)anthracene	21.313	228	9311	0.356	ng/ul	100
22) Chrysene	21.363	228	11035	0.377	ng/ul	100
24) Benzo(b)fluoranthene	22.904	252	11055	0.401	ng/ul	99
25) Benzo(k)fluoranthene	22.950	252	11587	0.408	ng/ul	99
26) Benzo(a)pyrene	23.487	252	9385	0.400	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.867	276	12512	0.410	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.884	278	10008	0.408	ng/ul	99
29) Benzo(g,h,i)perylene	26.564	276	11026	0.415	ng/ul	99

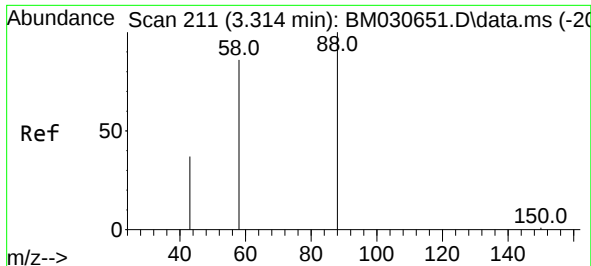
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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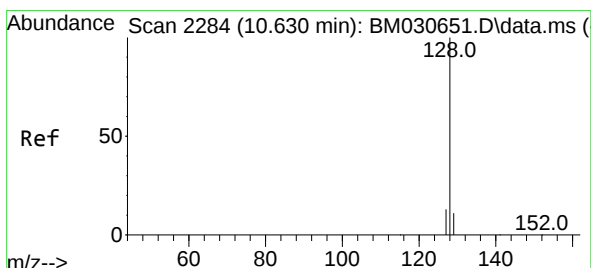
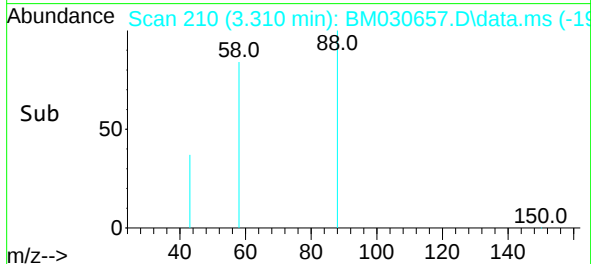
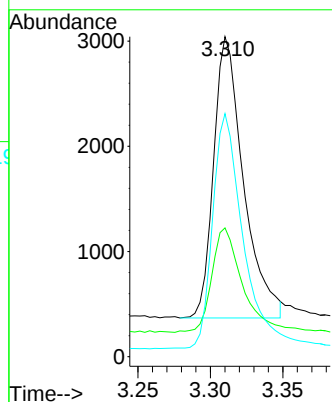
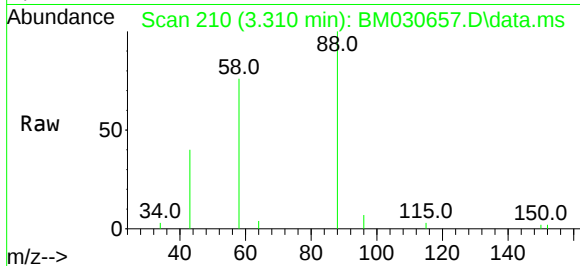




#2
1,4-Dioxane
Concen: 1.776 ng/ul
RT: 3.310 min Scan# 210
Delta R.T. -0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

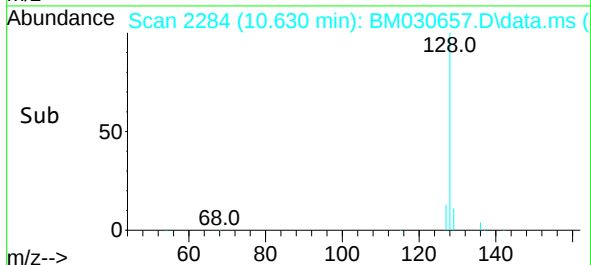
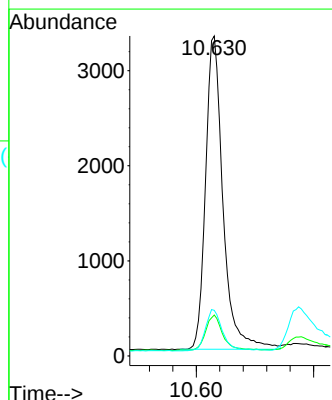
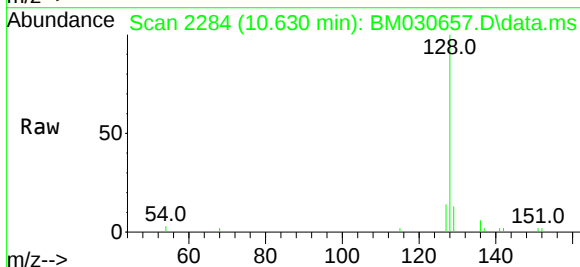
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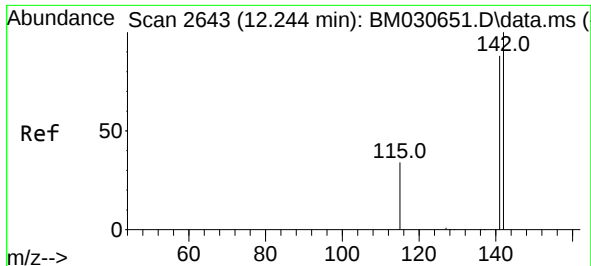
Tgt Ion: 88 Resp: 3827
Ion Ratio Lower Upper
88 100
43 40.2 48.0 72.0#
58 76.0 50.6 75.8#



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. 0.001 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion: 128 Resp: 6803
Ion Ratio Lower Upper
128 100
129 12.8 9.5 14.3
127 14.3 11.2 16.8

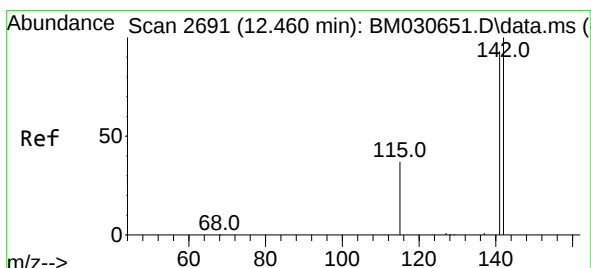
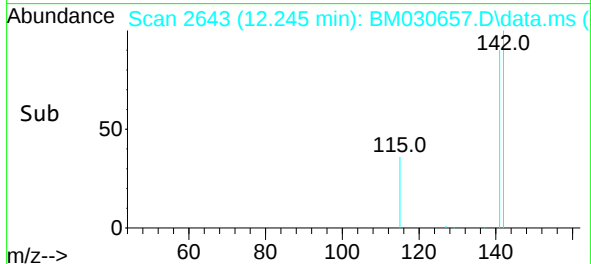
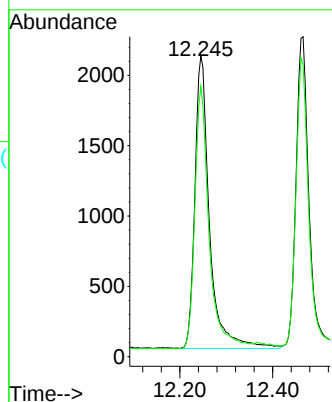
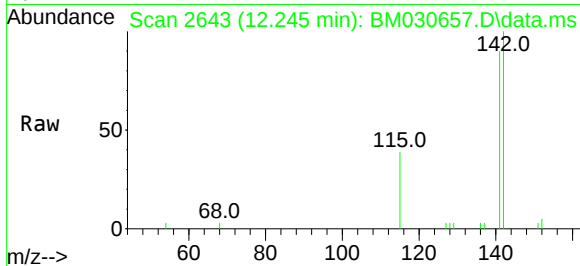




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. 0.001 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

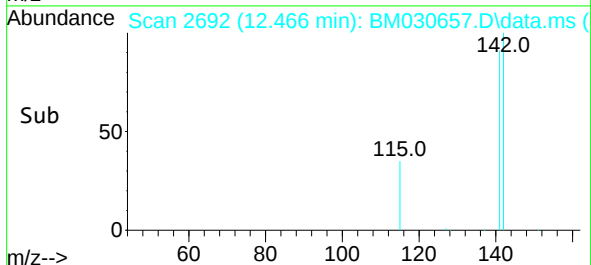
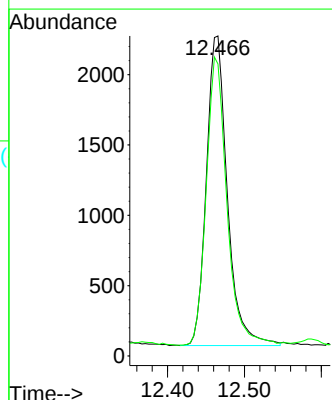
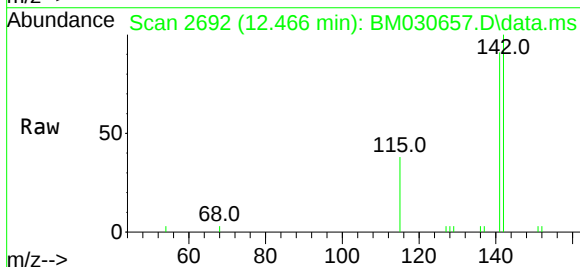
Instrument :
BNA_M
ClientSampleId :
SLCS370

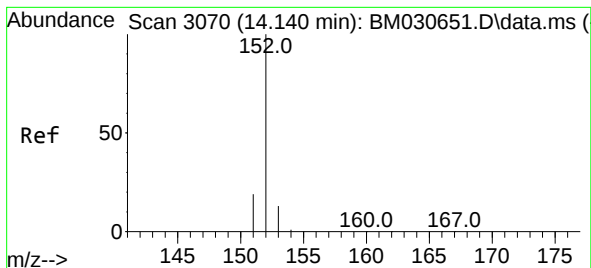
Tgt Ion:142 Resp: 4557
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.005 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:142 Resp: 4188
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8

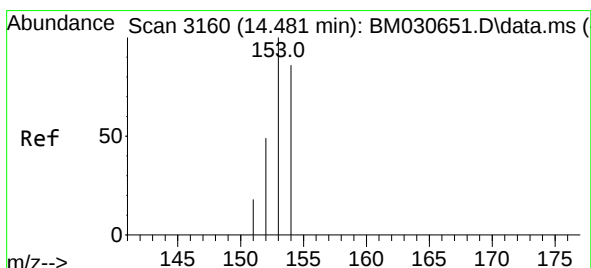
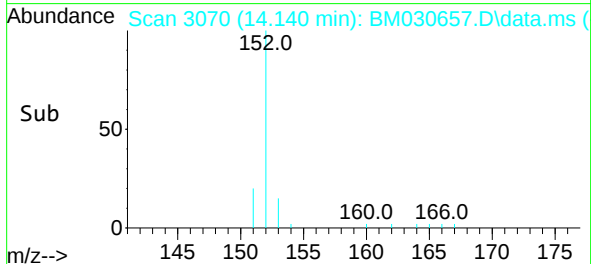
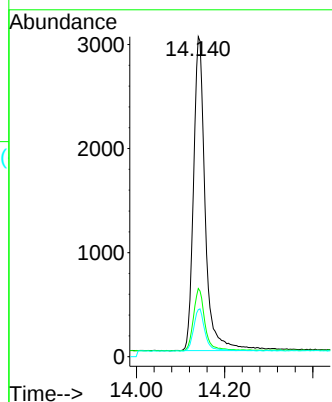
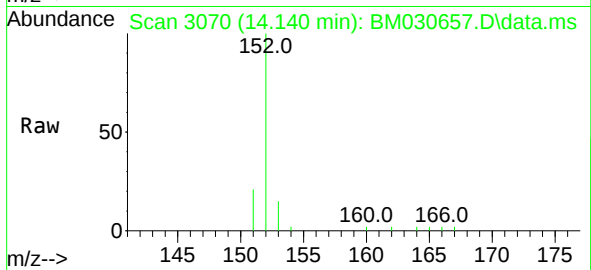




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

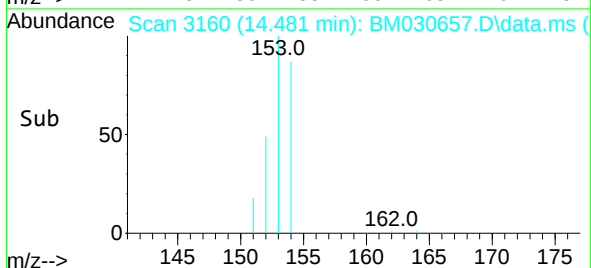
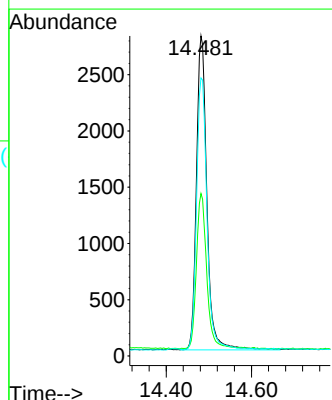
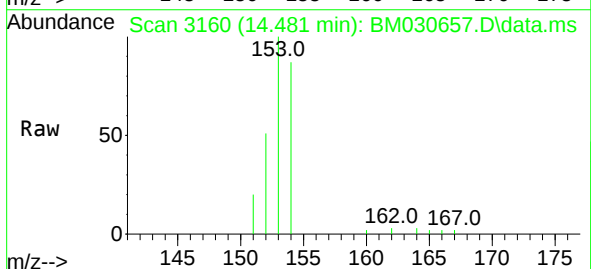
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ClientSampleId :
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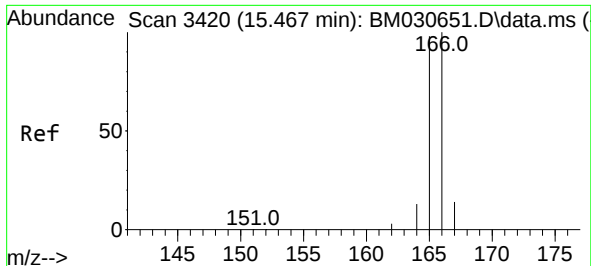
Tgt Ion:152 Resp: 5575
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 14.7 11.4 17.0



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:153 Resp: 4730
Ion Ratio Lower Upper
153 100
152 50.8 39.8 59.6
154 86.9 68.7 103.1

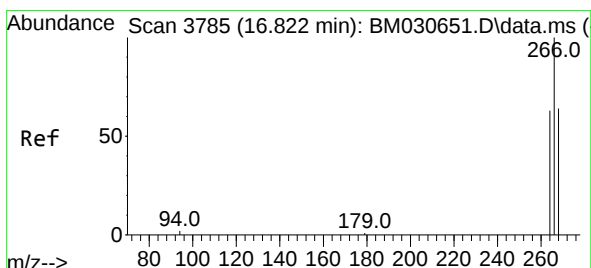
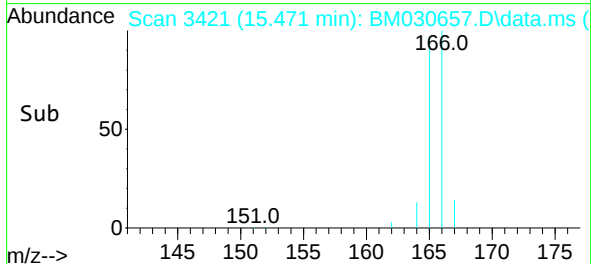
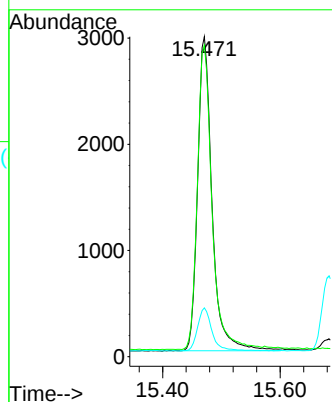
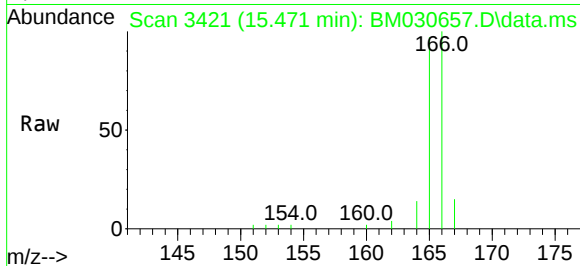




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

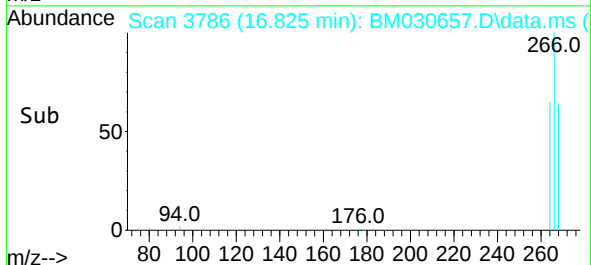
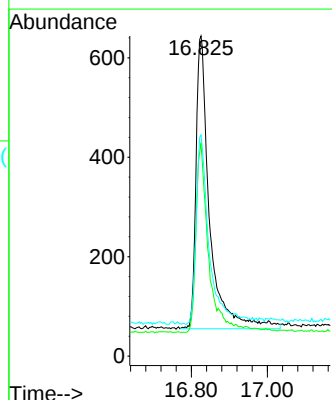
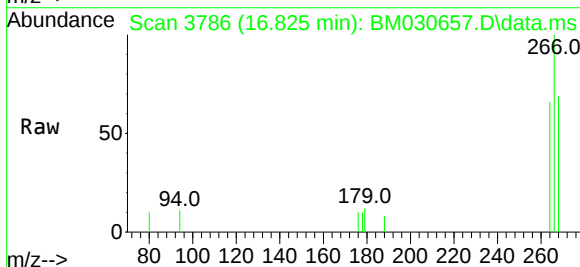
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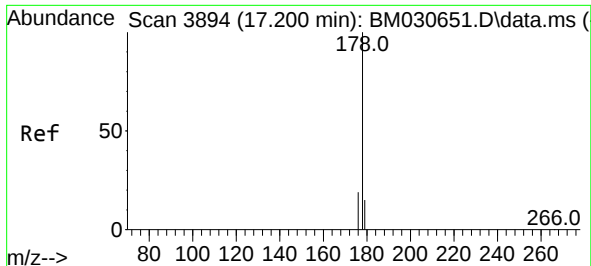
Tgt Ion:	166	Resp:	5080
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.1	118.7
167	15.3	12.2	18.2



#14
Pentachlorophenol
Concen: 0.626 ng/ul
RT: 16.825 min Scan# 3786
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

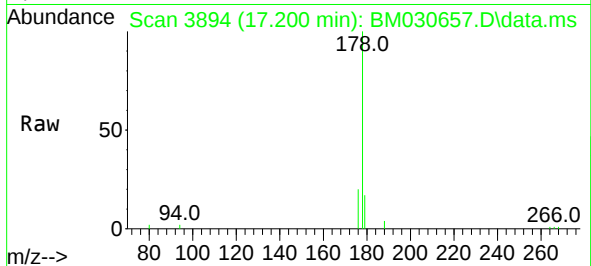
Tgt Ion:	266	Resp:	1467
Ion Ratio	Lower	Upper	
266	100		
264	59.7	47.6	71.4
268	63.0	48.7	73.1



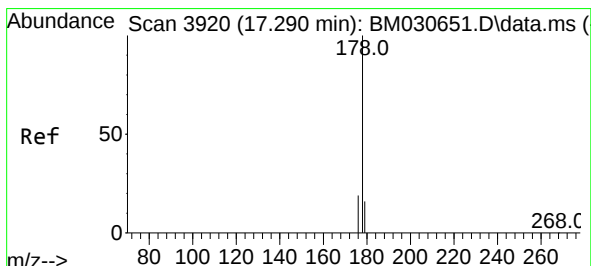
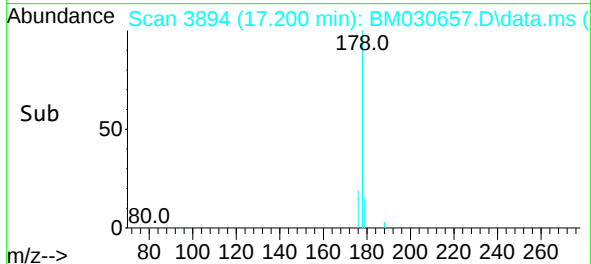
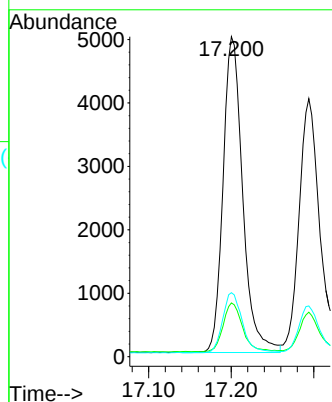


#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. 0.000 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Instrument :
BNA_M
ClientSampleId :
SLCS370

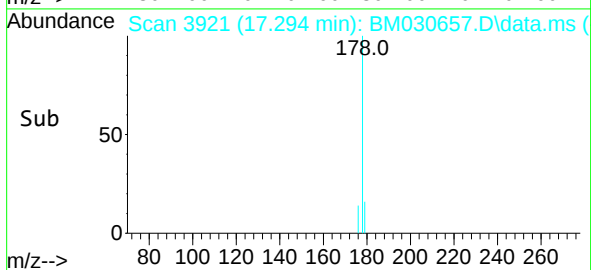
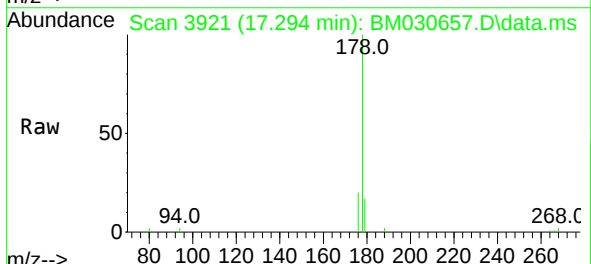
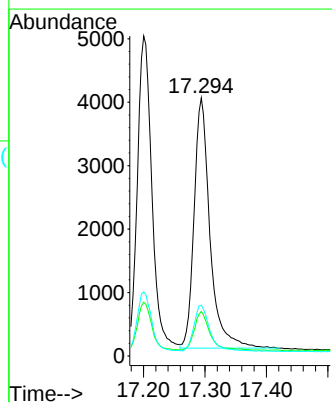


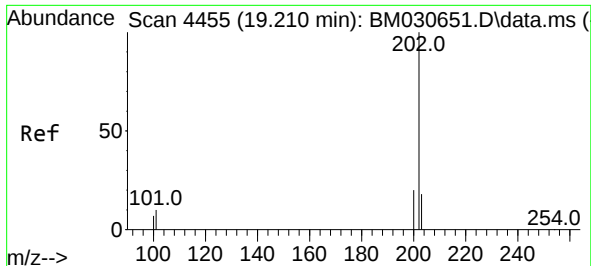
Tgt Ion:178 Resp: 8252
Ion Ratio Lower Upper
178 100
179 16.8 13.3 19.9
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.294 min Scan# 3921
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:178 Resp: 7082
Ion Ratio Lower Upper
178 100
179 17.2 14.0 21.0
176 19.6 15.8 23.6

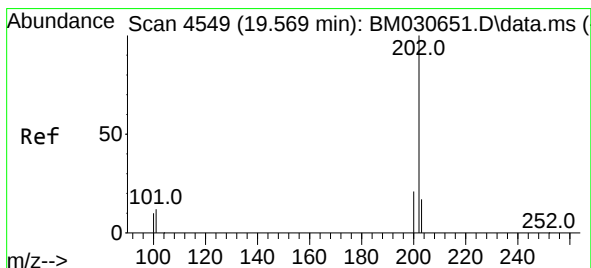
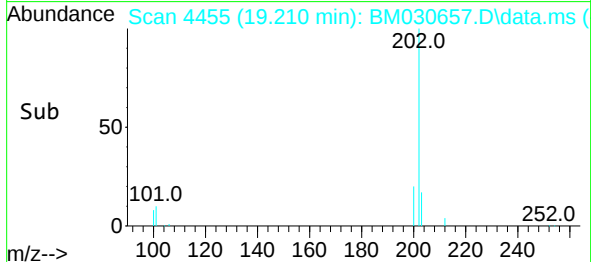
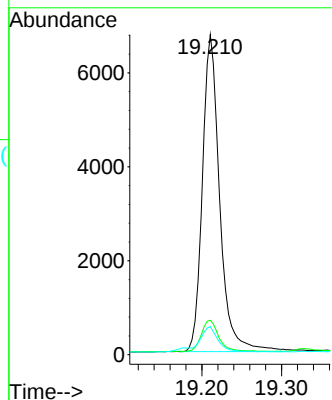
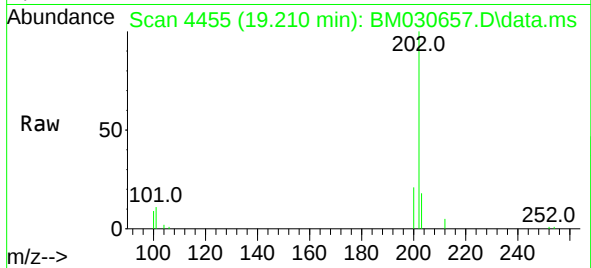




#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 19.210 min Scan# 4455
Delta R.T. 0.000 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

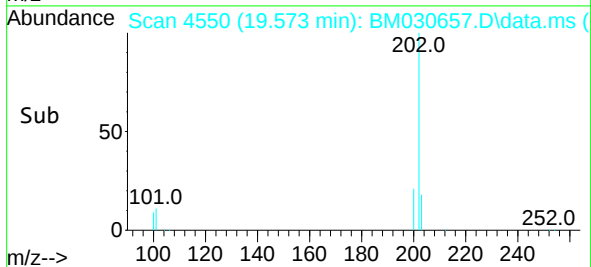
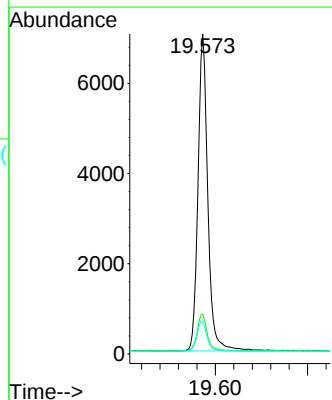
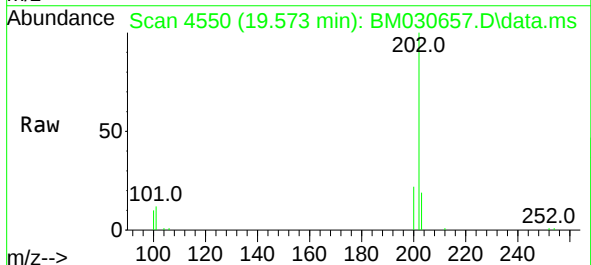
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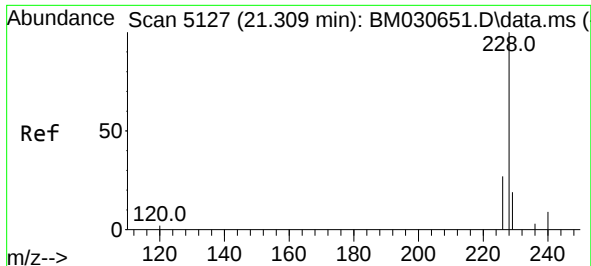
Tgt Ion:202 Resp: 10170
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.8 6.6 9.8



#20
Pyrene
Concen: 0.358 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:202 Resp: 10408
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 10.1 8.5 12.7

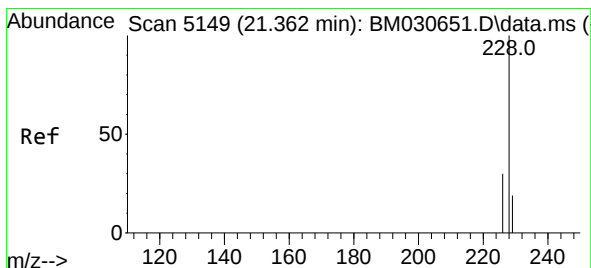
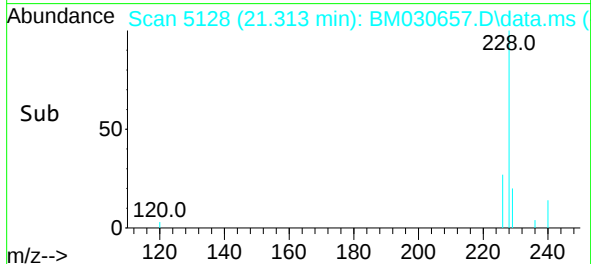
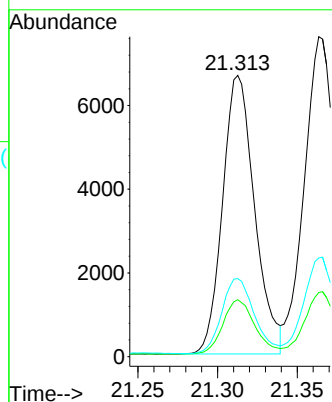
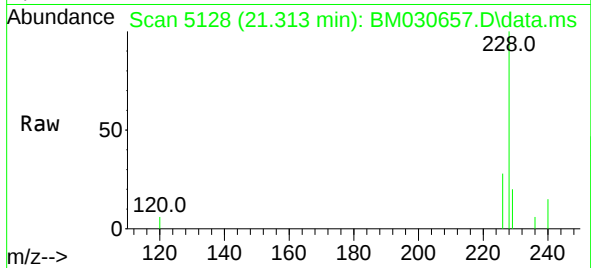




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.313 min Scan# 5128
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

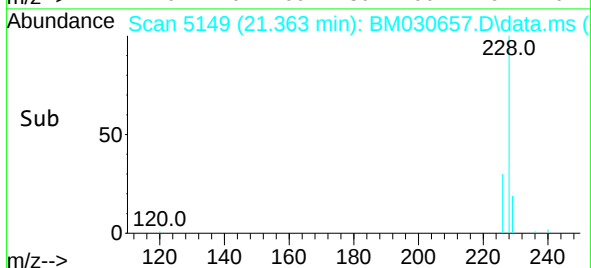
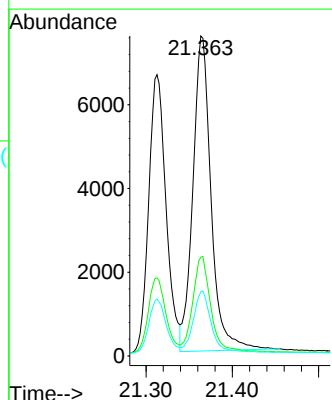
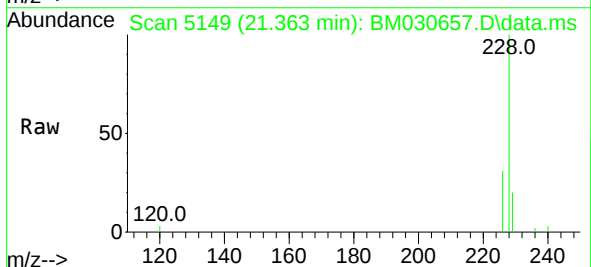
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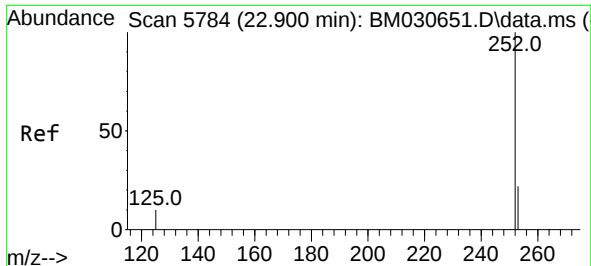
Tgt Ion:228	Resp:	9311
Ion Ratio	Lower	Upper
228	100	
229	20.3	16.2 24.2
226	27.7	22.2 33.4



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.363 min Scan# 5149
Delta R.T. 0.001 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:228	Resp:	11035
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.9 37.3
229	20.1	16.2 24.2

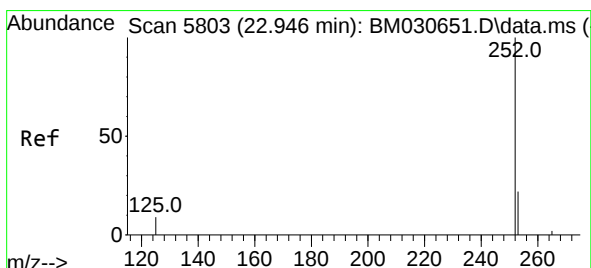
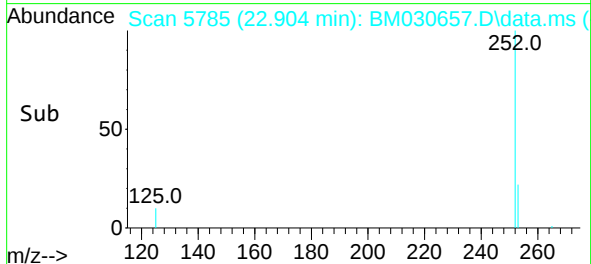
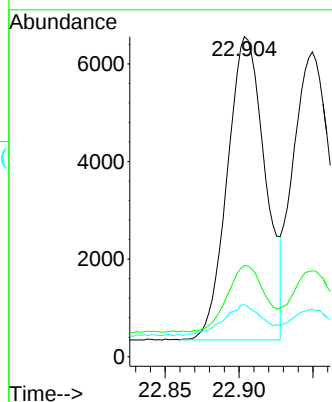
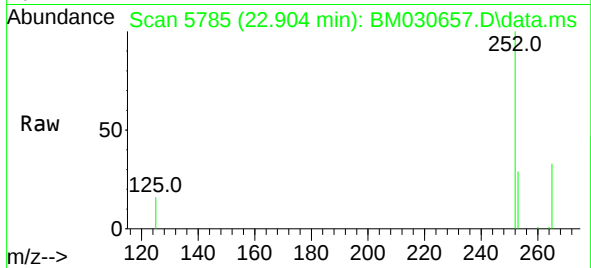




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.904 min Scan# 5785
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

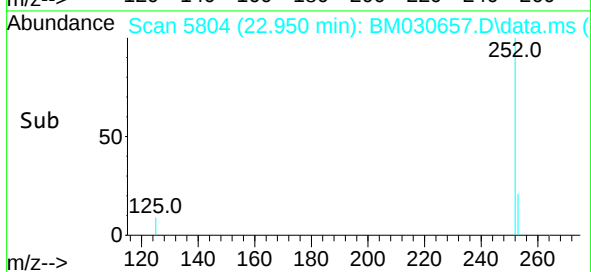
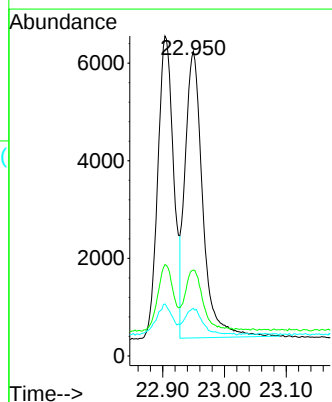
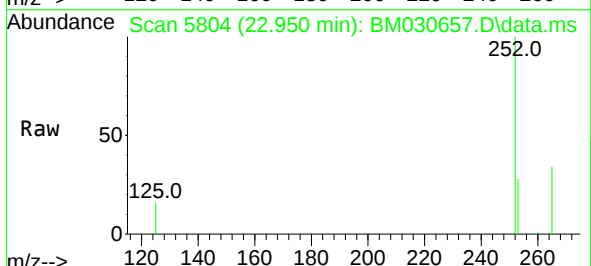
Instrument :
BNA_M
ClientSampleId :
SLCS370

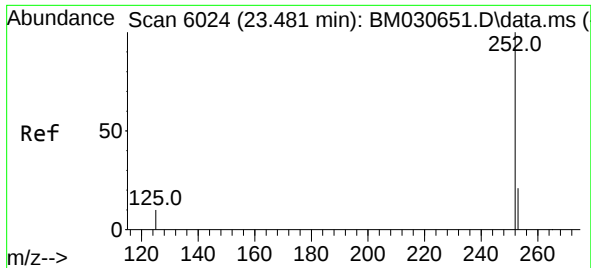
Tgt Ion:252 Resp: 11055
Ion Ratio Lower Upper
252 100
253 28.6 0.0 57.8
125 16.3 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 22.950 min Scan# 5804
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:252 Resp: 11587
Ion Ratio Lower Upper
252 100
253 28.2 23.2 34.8
125 15.6 12.6 19.0

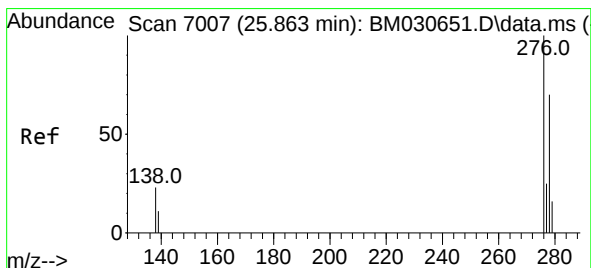
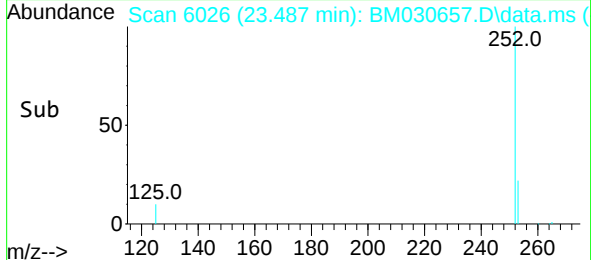
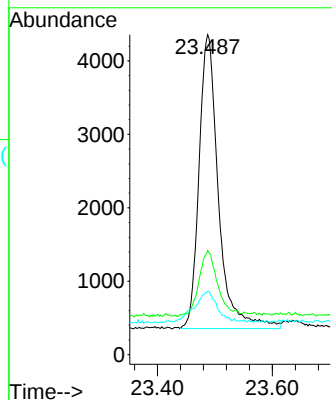
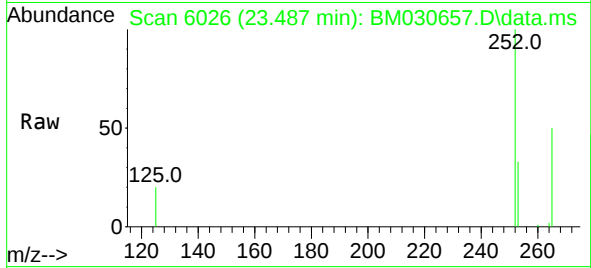




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.487 min Scan# 6026
Delta R.T. 0.006 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

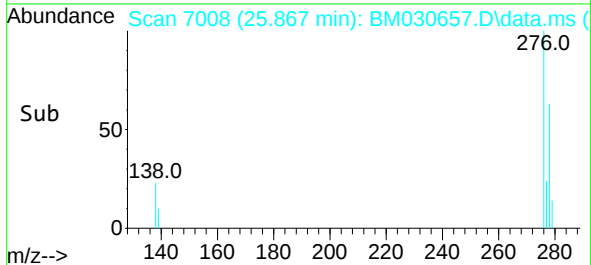
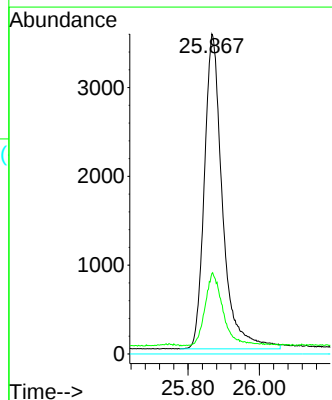
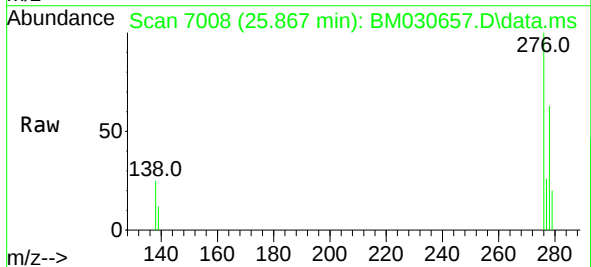
Instrument :
BNA_M
ClientSampleId :
SLCS370

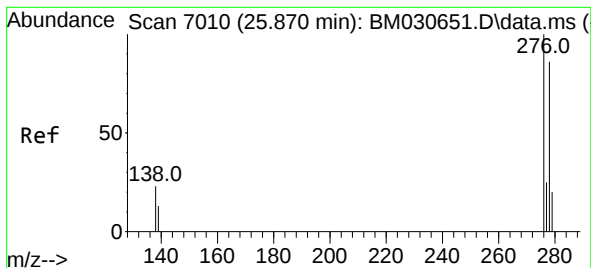
Tgt Ion:252	Resp:	9385
Ion Ratio	Lower	Upper
252	100	
253	32.6	25.5 38.3
125	19.8	15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.867 min Scan# 7008
Delta R.T. 0.004 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:276	Resp:	12512
Ion Ratio	Lower	Upper
276	100	
138	22.5	18.2 27.4
227	0.0	0.0 0.0

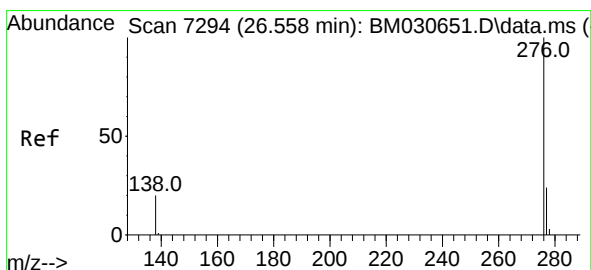
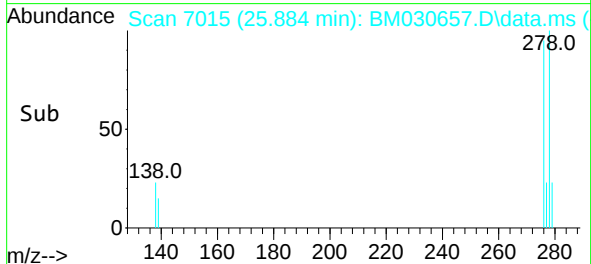
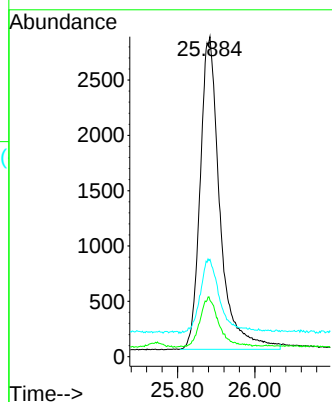
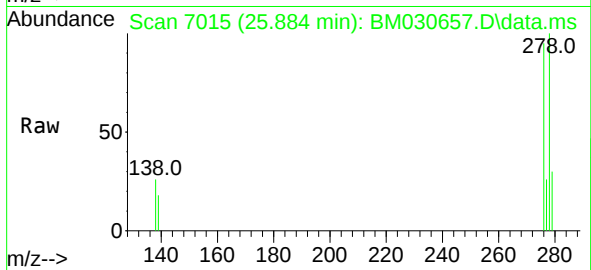




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.884 min Scan# 7015
Delta R.T. 0.014 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Instrument :
BNA_M
ClientSampleId :
SLCS370

Tgt Ion:278 Resp: 10008
Ion Ratio Lower Upper
278 100
139 17.6 15.0 22.4
279 30.4 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 26.564 min Scan# 7296
Delta R.T. 0.006 min
Lab File: BM030657.D
Acq: 28 Jun 2021 16:45

Tgt Ion:276 Resp: 11026
Ion Ratio Lower Upper
276 100
138 22.4 18.1 27.1
277 25.7 20.9 31.3

