

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030695.D
 Acq On : 29 Jun 2021 17:39
 Operator : CG/JU
 Sample : PB137315BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS315

Quant Time: Jun 29 18:11:13 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)

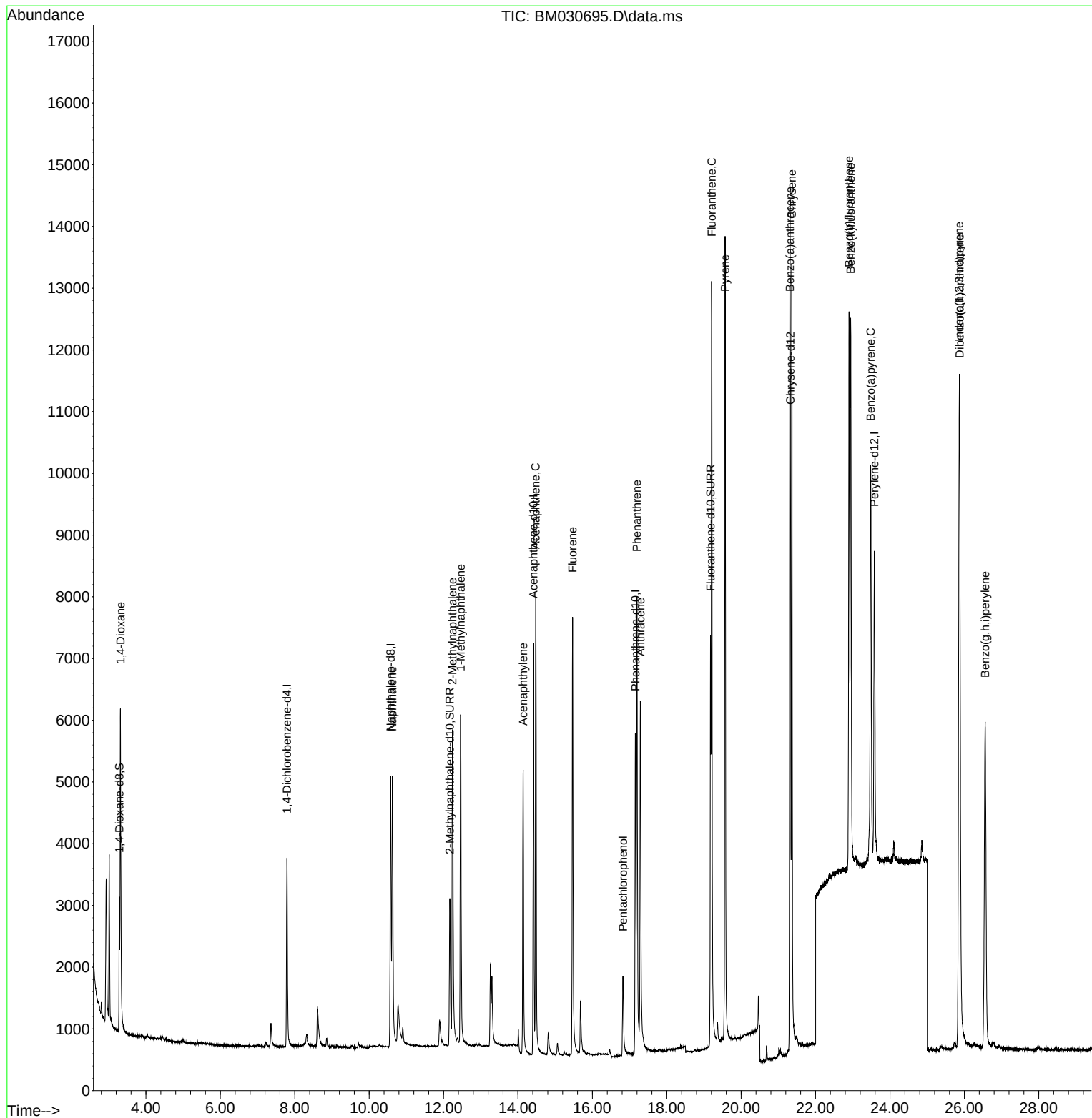
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	1866	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	7227	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	3985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	7537	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	6698	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	7164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	1440	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	4088	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	7946	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	3592	1.710	ng/ul#	78
5) Naphthalene	10.626	128	6996	0.340	ng/ul	99
7) 2-Methylnaphthalene	12.241	142	4755	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.461	142	4401	0.326	ng/ul	100
10) Acenaphthylene	14.140	152	6406	0.360	ng/ul	100
11) Acenaphthene	14.478	153	4966	0.345	ng/ul	99
12) Fluorene	15.467	166	5422	0.341	ng/ul	99
14) Pentachlorophenol	16.822	266	1380	0.561	ng/ul	99
15) Phenanthrene	17.200	178	9077	0.358	ng/ul	99
16) Anthracene	17.291	178	7906	0.356	ng/ul	99
19) Fluoranthene	19.207	202	12670	0.429	ng/ul	99
20) Pyrene	19.569	202	12534	0.422	ng/ul	98
21) Benzo(a)anthracene	21.309	228	11178	0.419	ng/ul	98
22) Chrysene	21.362	228	12031	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.900	252	12108	0.382	ng/ul	98
25) Benzo(k)fluoranthene	22.943	252	12127	0.371	ng/ul	98
26) Benzo(a)pyrene	23.481	252	10606	0.393	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.863	276	14048	0.400	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.873	278	11235	0.398	ng/ul	97
29) Benzo(g,h,i)perylene	26.558	276	12035	0.394	ng/ul	98

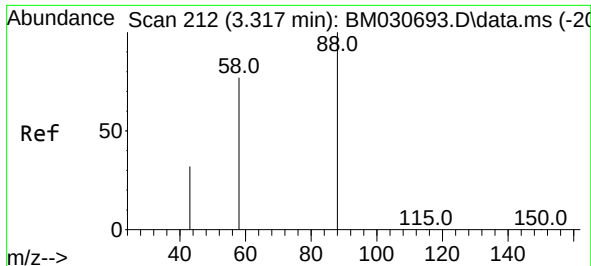
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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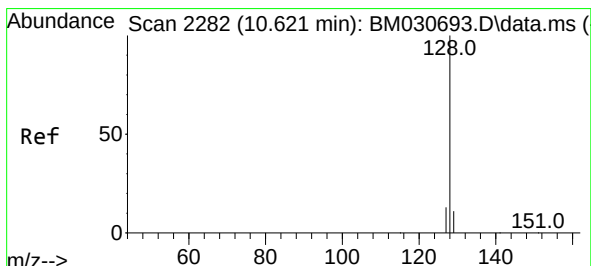
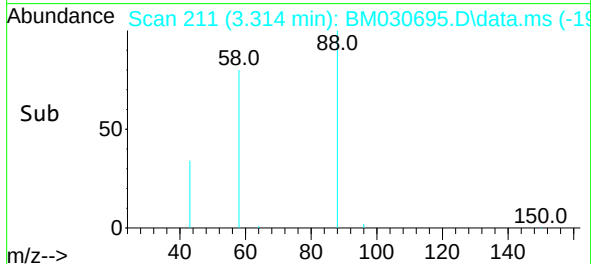
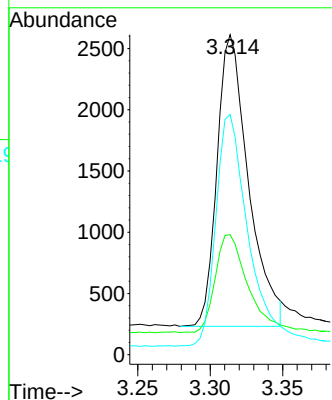
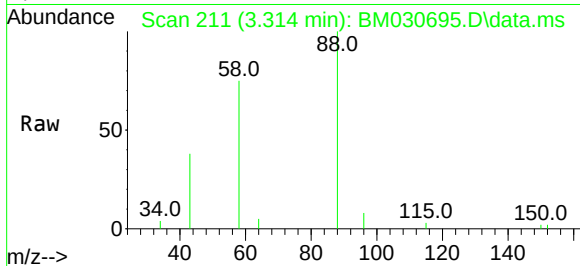




#2
1,4-Dioxane
Concen: 1.710 ng/ul
RT: 3.314 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

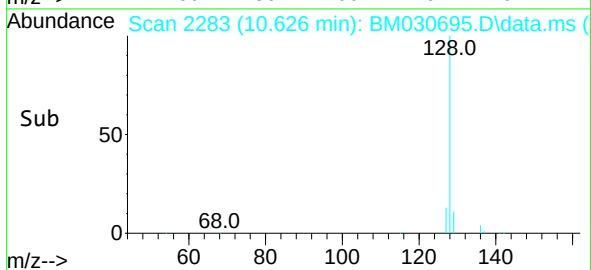
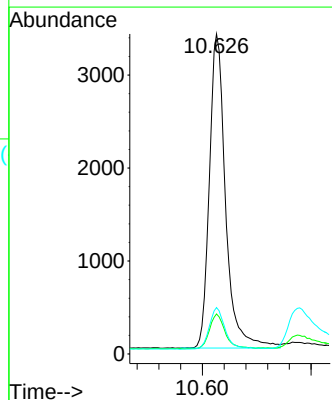
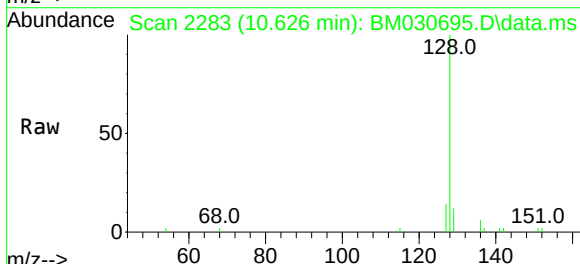
Instrument :
BNA_M
ClientSampleId :
SLCS315

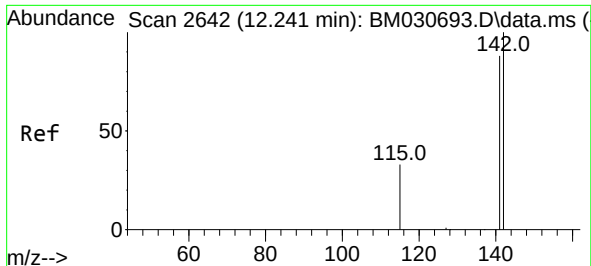
Tgt Ion: 88 Resp: 3592
Ion Ratio Lower Upper
88 100
43 37.5 48.0 72.0#
58 75.0 50.6 75.8



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion: 128 Resp: 6996
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.5 11.2 16.8

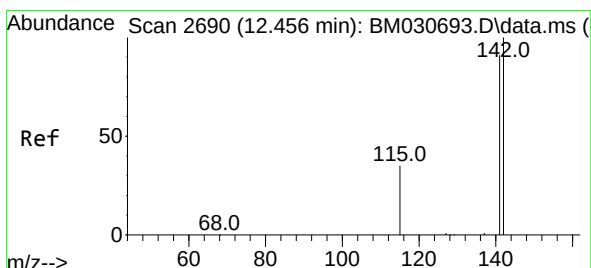
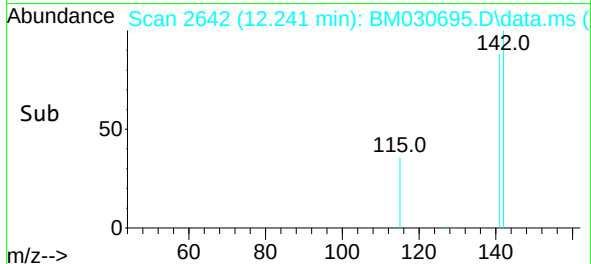
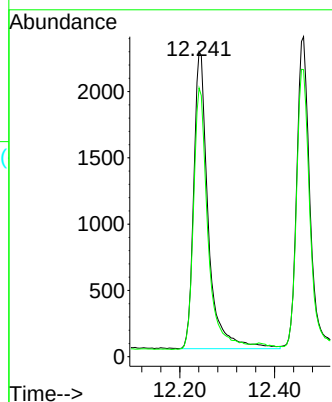
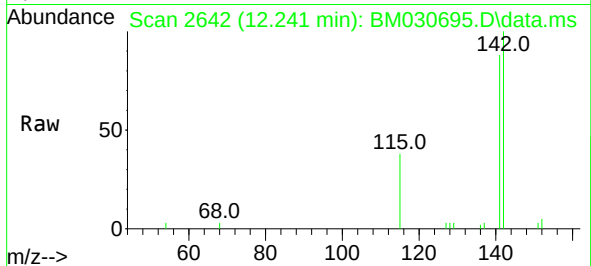




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.004 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

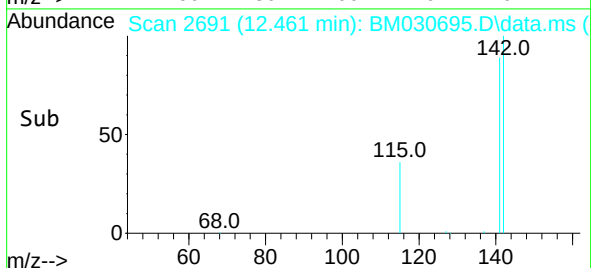
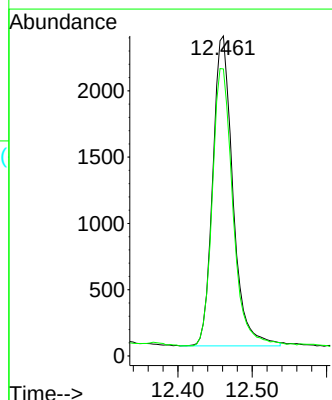
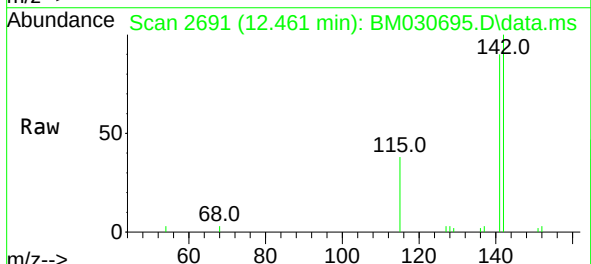
Instrument :
BNA_M
ClientSampled :
SLCS315

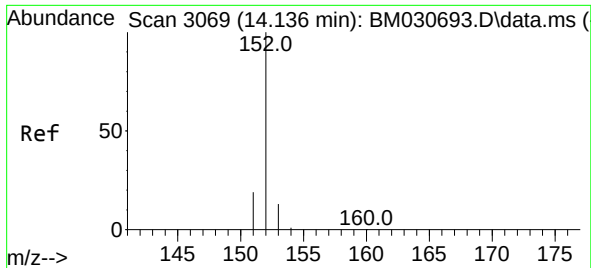
Tgt Ion:142 Resp: 4755
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:142 Resp: 4401
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

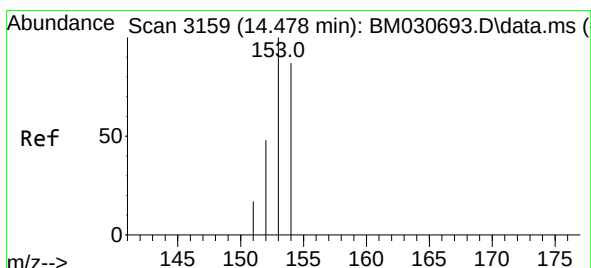
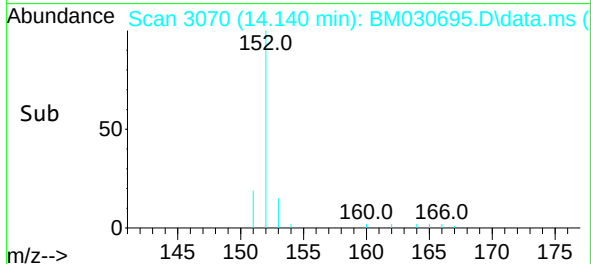
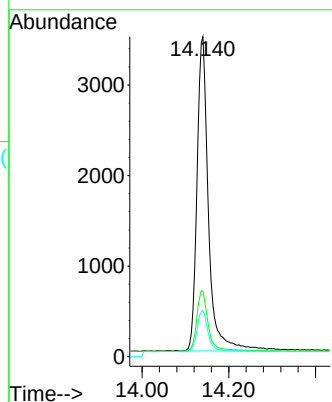
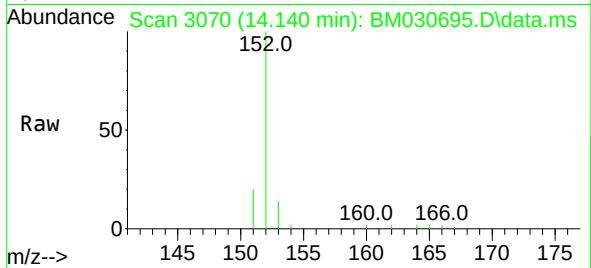




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

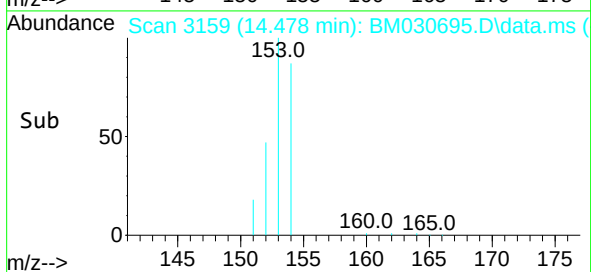
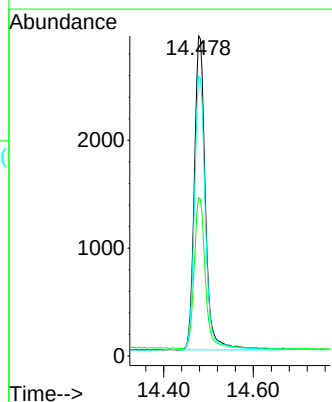
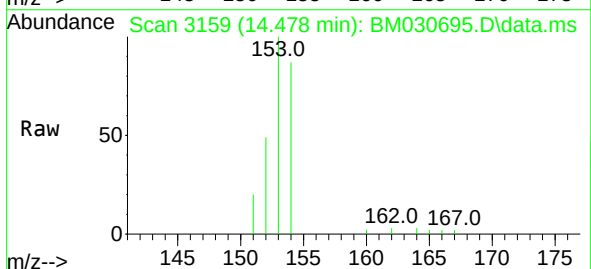
Instrument :
BNA_M
ClientSampleId :
SLCS315

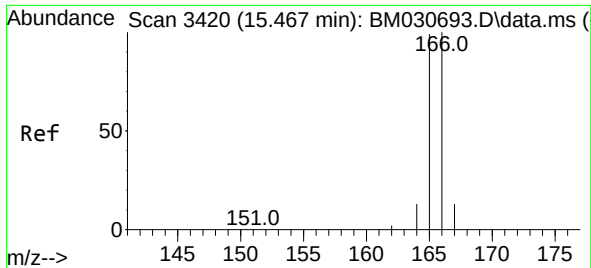
Tgt Ion:	152	Resp:	6406
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	14.4	11.4	17.0



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:	153	Resp:	4966
Ion Ratio	Lower	Upper	
153	100		
152	49.4	39.8	59.6
154	87.4	68.7	103.1

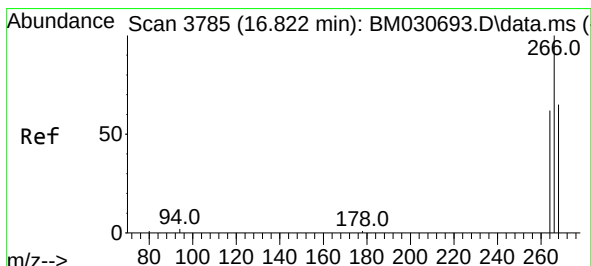
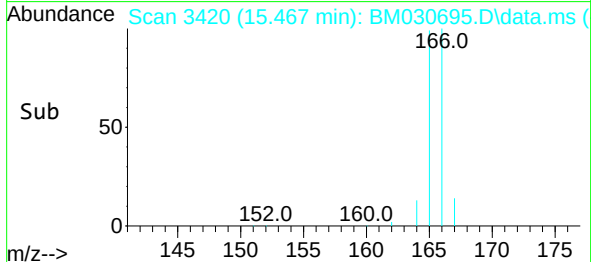
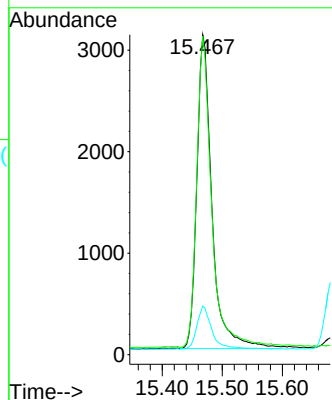
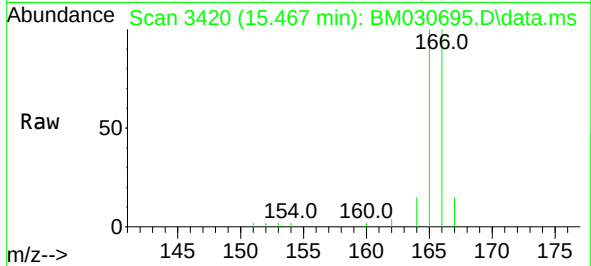




#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

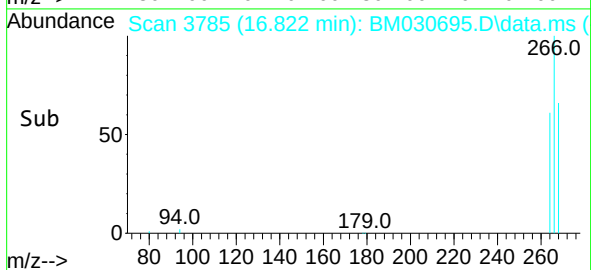
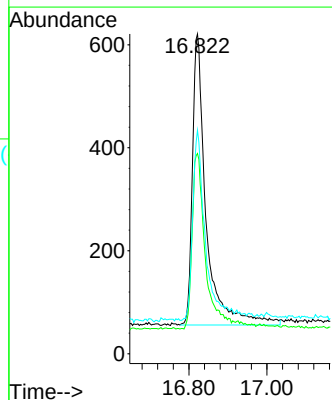
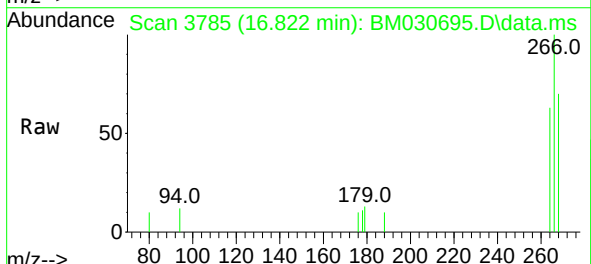
Instrument :
BNA_M
ClientSampleId :
SLCS315

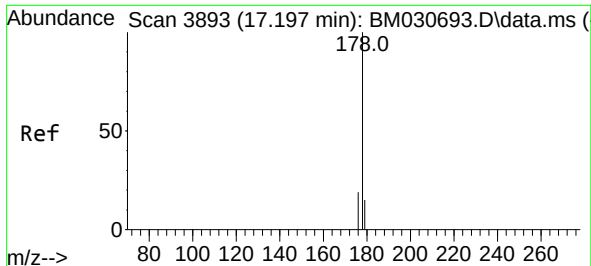
Tgt Ion:	166	Resp:	5422
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.1	118.7
167	15.2	12.2	18.2



#14
Pentachlorophenol
Concen: 0.561 ng/ul
RT: 16.822 min Scan# 3785
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

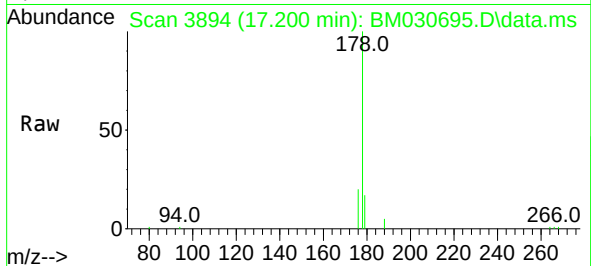
Tgt Ion:	266	Resp:	1380
Ion Ratio	Lower	Upper	
266	100		
264	60.1	47.6	71.4
268	61.4	48.7	73.1



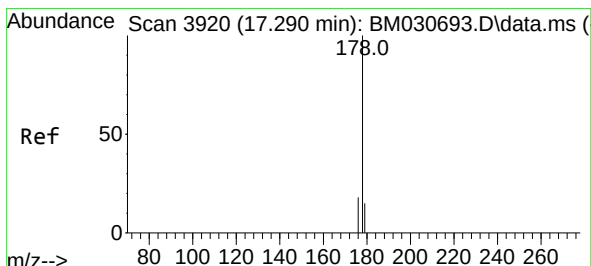
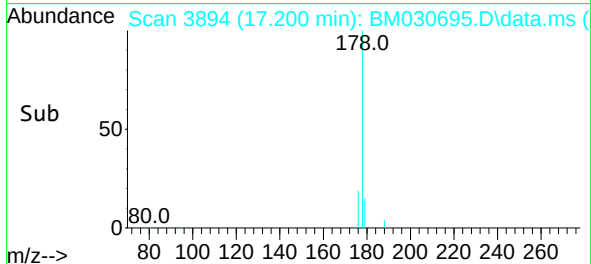
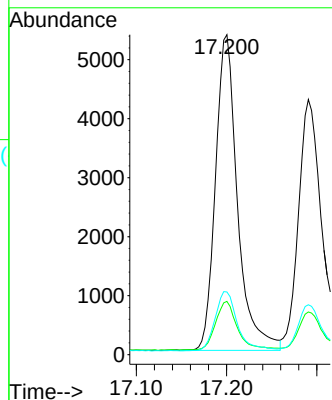


#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Instrument :
BNA_M
ClientSampleId :
SLCS315

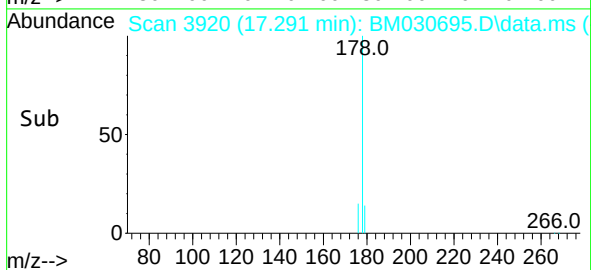
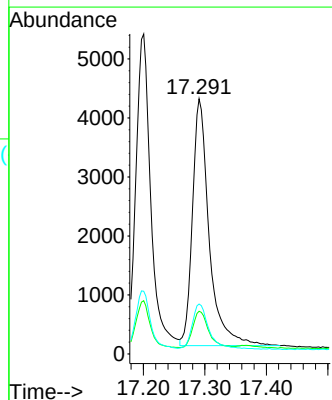
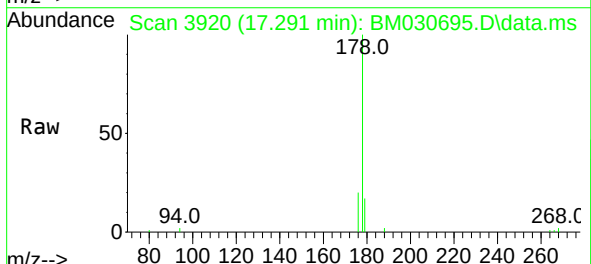


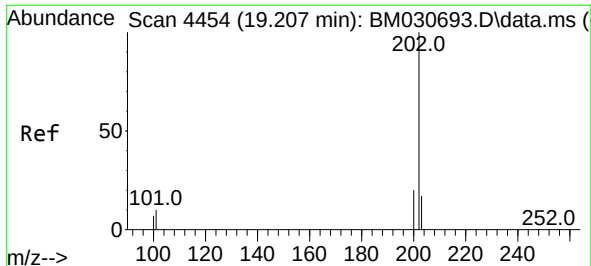
Tgt Ion:178 Resp: 9077
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.6 16.0 24.0



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.291 min Scan# 3920
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:178 Resp: 7906
Ion Ratio Lower Upper
178 100
179 16.7 14.0 21.0
176 19.6 15.8 23.6

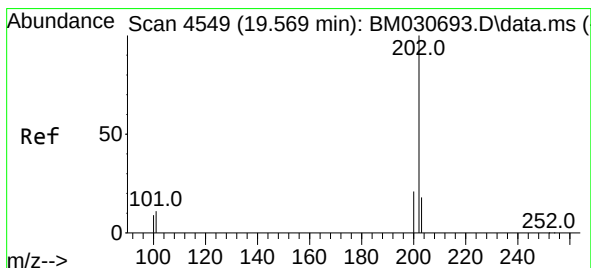
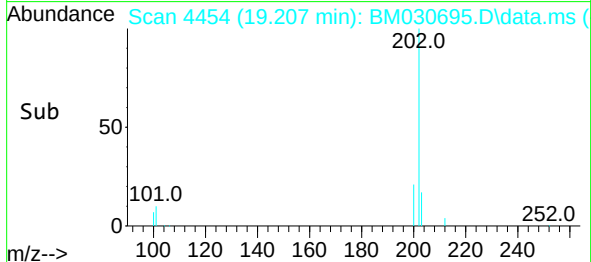
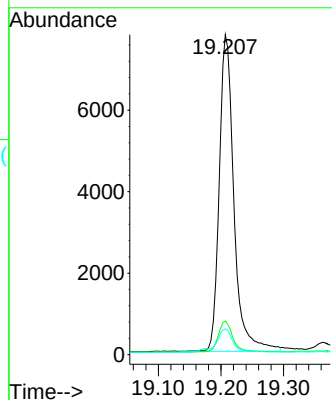
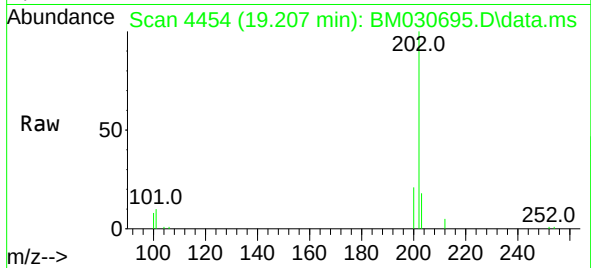




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.207 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

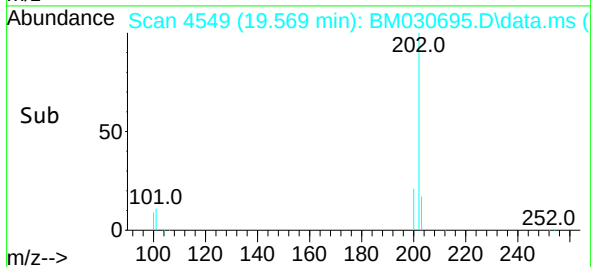
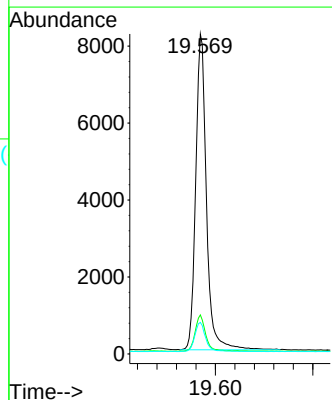
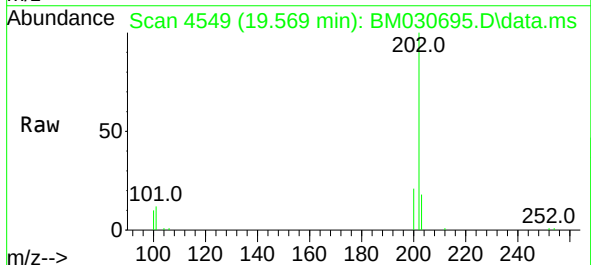
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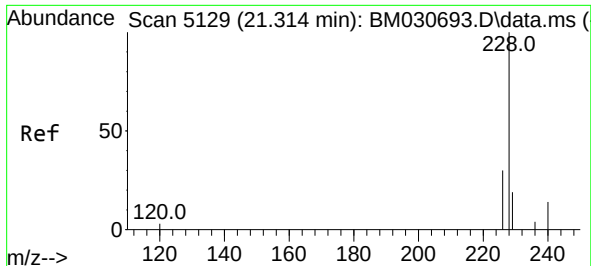
Tgt Ion:202 Resp: 12670
Ion Ratio Lower Upper
202 100
101 10.5 8.7 13.1
100 8.0 6.6 9.8



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.569 min Scan# 4549
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:202 Resp: 12534
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.4
100 9.9 8.5 12.7

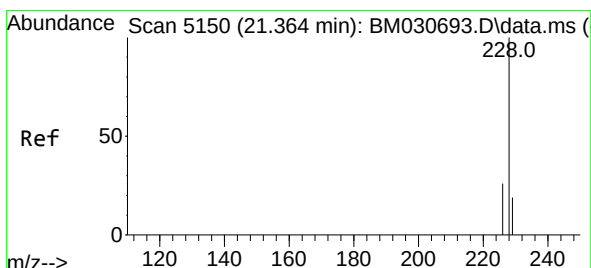
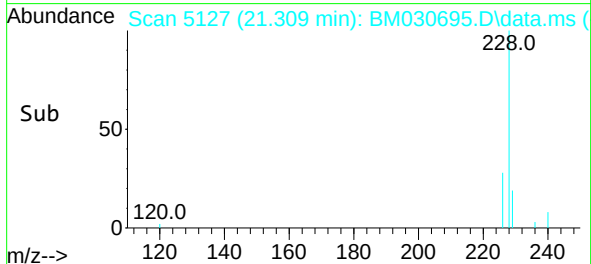
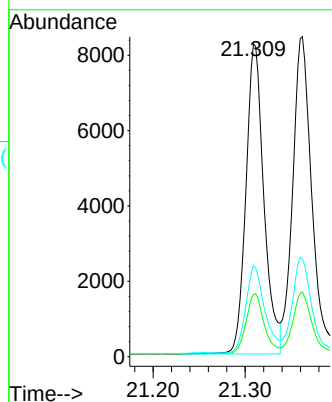
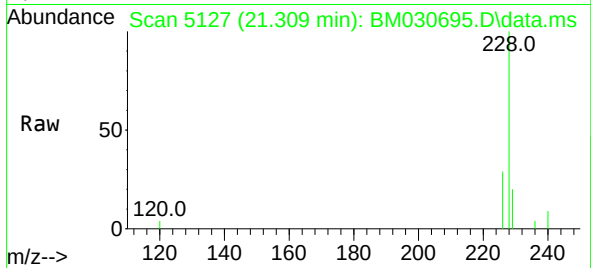




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

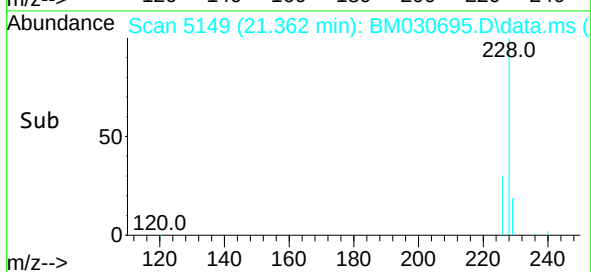
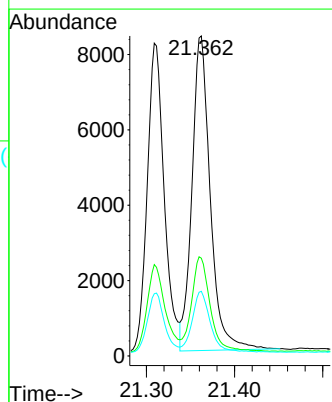
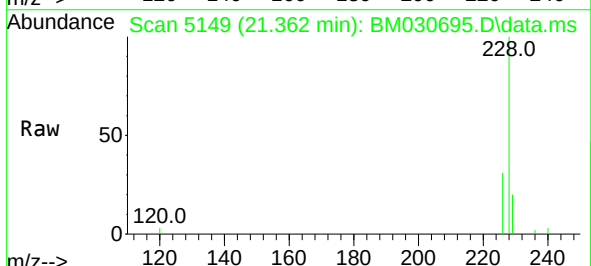
Instrument :
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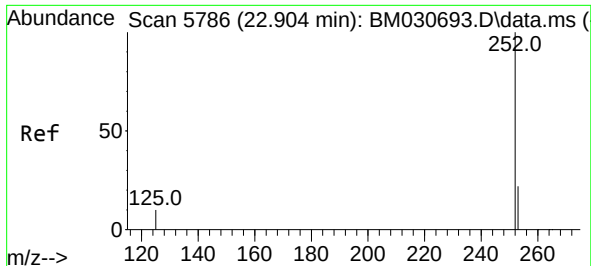
Tgt Ion:	228	Resp:	11178
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.2	24.2
226	29.2	22.2	33.4



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:	228	Resp:	12031
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	20.2	16.2	24.2

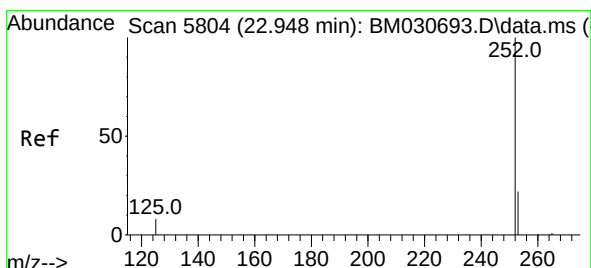
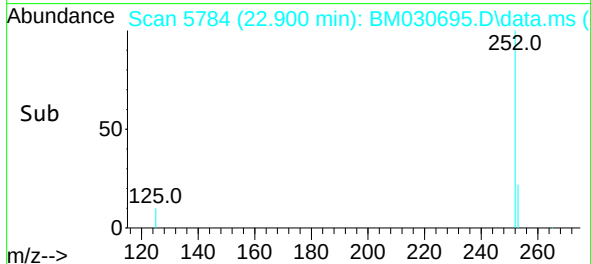
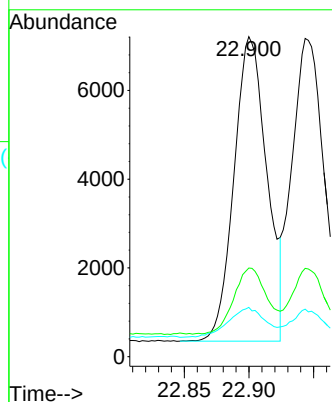
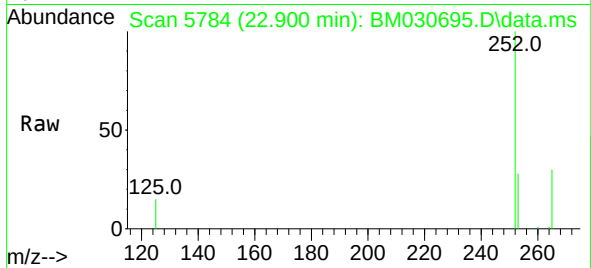




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 22.900 min Scan# 5784
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

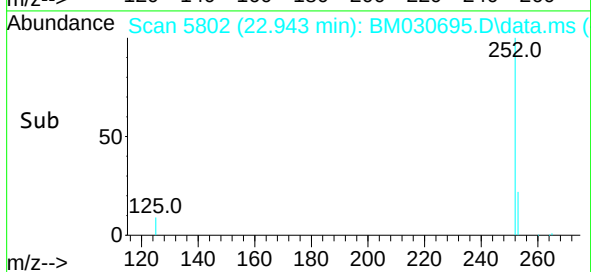
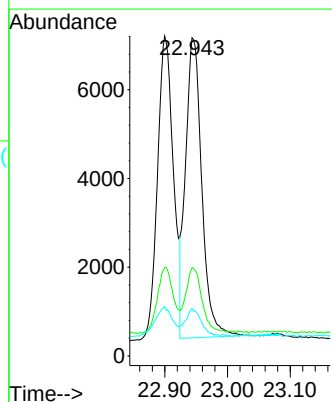
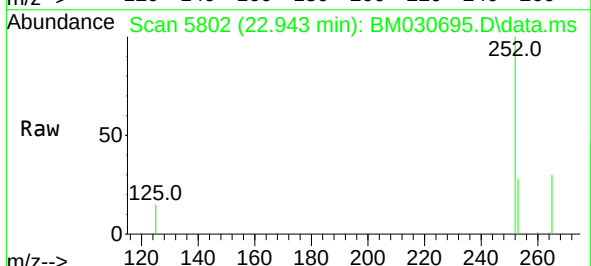
Instrument :
BNA_M
ClientSampleId :
SLCS315

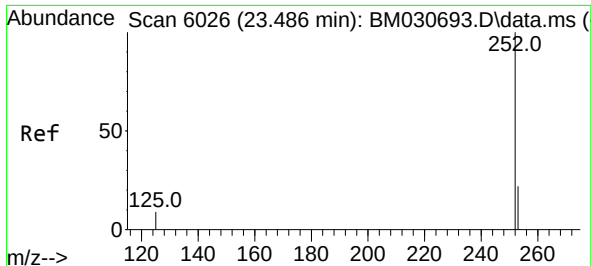
Tgt Ion:252 Resp: 12108
Ion Ratio Lower Upper
252 100
253 27.7 0.0 57.8
125 15.4 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 22.943 min Scan# 5802
Delta R.T. -0.002 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:252 Resp: 12127
Ion Ratio Lower Upper
252 100
253 27.8 23.2 34.8
125 15.0 12.6 19.0

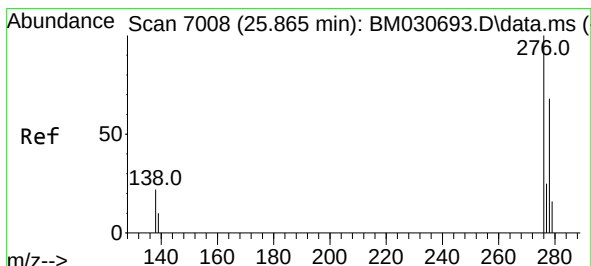
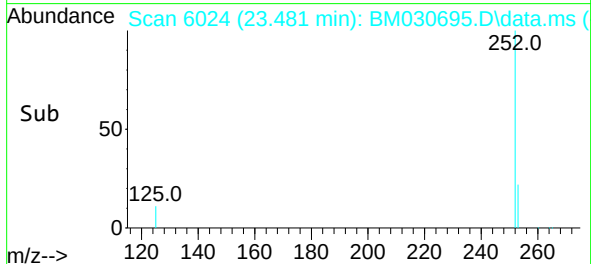
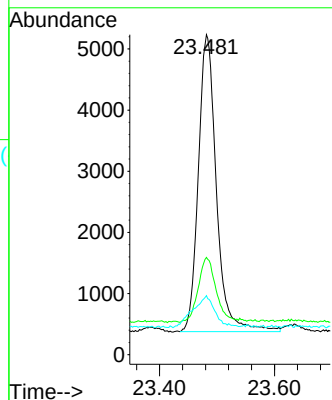
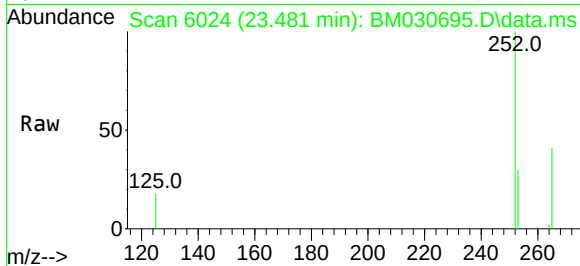




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

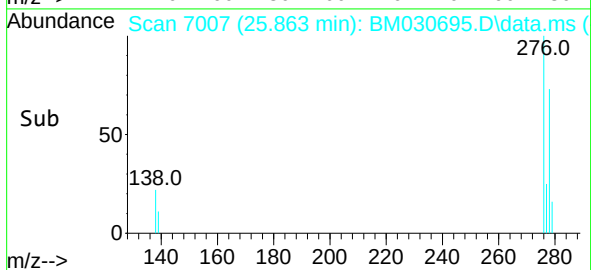
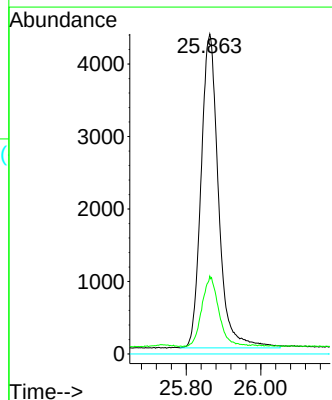
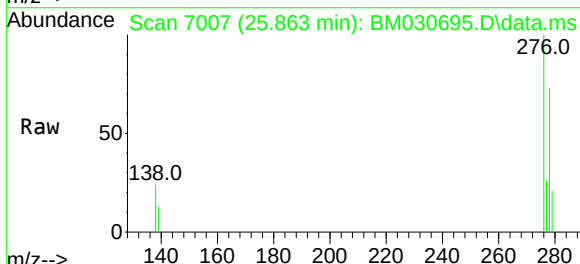
Instrument :
BNA_M
ClientSampleId :
SLCS315

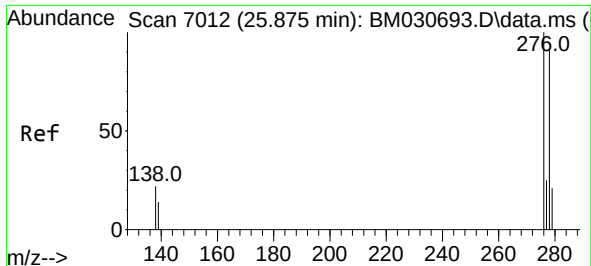
Tgt Ion:252	Resp:	10606
Ion Ratio	Lower	Upper
252	100	
253	30.4	25.5 38.3
125	18.4	15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:276	Resp:	14048
Ion Ratio	Lower	Upper
276	100	
138	21.8	18.2 27.4
227	0.0	0.0 0.0

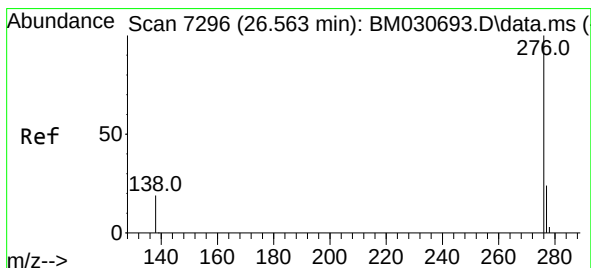
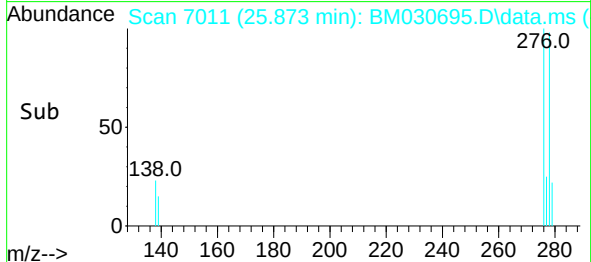
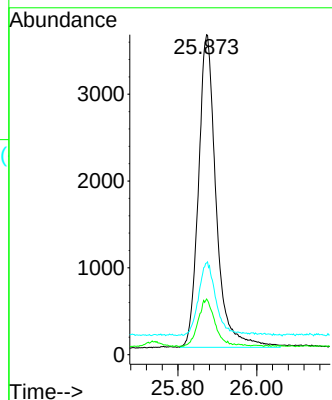
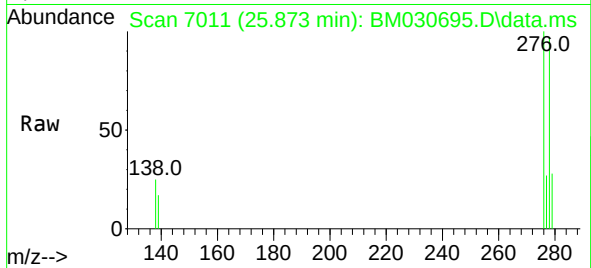




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 25.873 min Scan# 7011
Delta R.T. 0.003 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Instrument :
BNA_M
ClientSampleId :
SLCS315

Tgt Ion:278 Resp: 11235
Ion Ratio Lower Upper
278 100
139 17.4 15.0 22.4
279 28.6 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.558 min Scan# 7294
Delta R.T. 0.000 min
Lab File: BM030695.D
Acq: 29 Jun 2021 17:39

Tgt Ion:276 Resp: 12035
Ion Ratio Lower Upper
276 100
138 21.1 18.1 27.1
277 25.7 20.9 31.3

