

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031140.D
 Acq On : 25 Jul 2021 04:17
 Operator : CG/JU
 Sample : PB137809BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS809

Quant Time: Jul 26 03:10:55 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 03:04:43 2021
 Response via : Initial Calibration

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

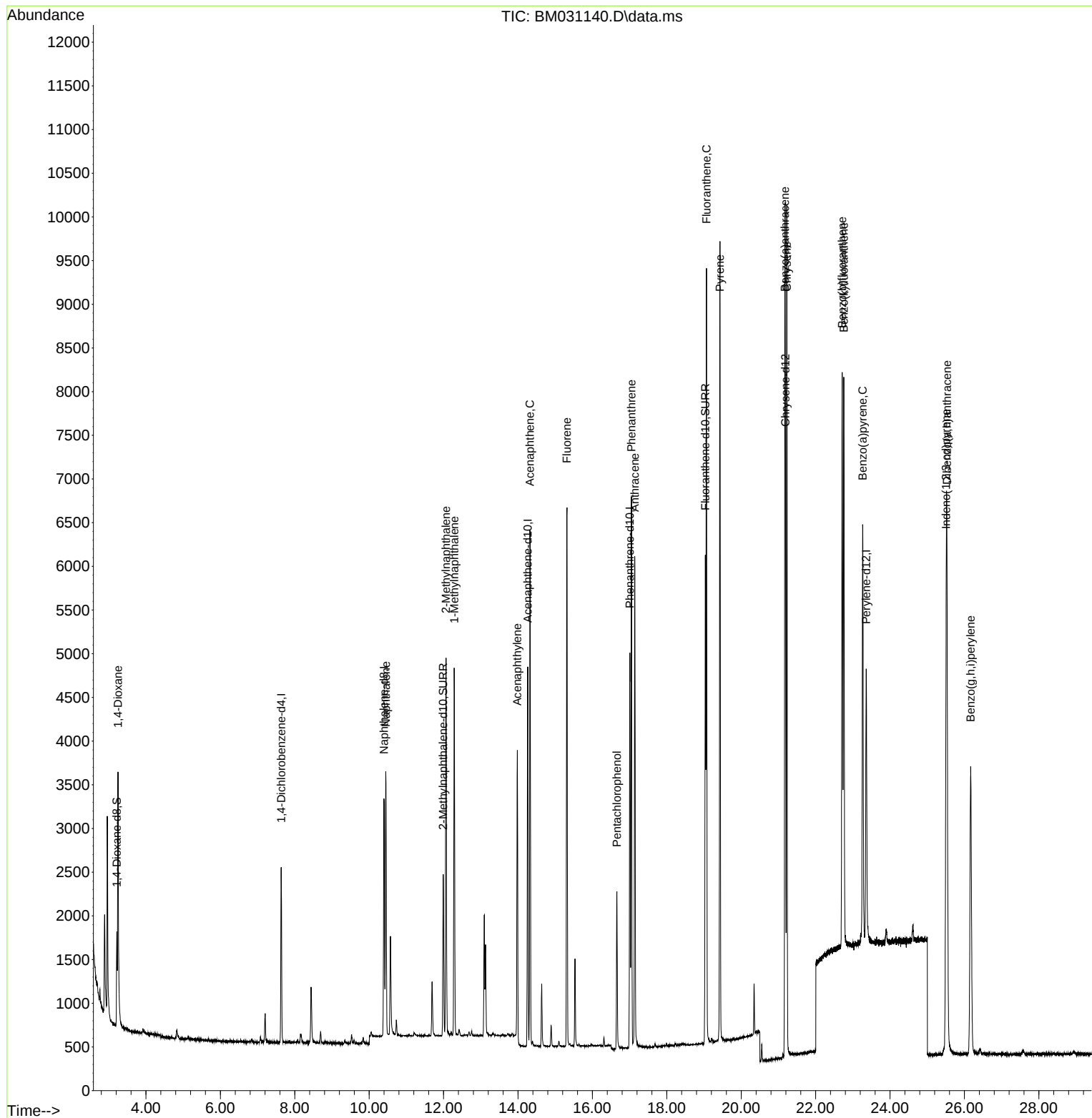
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	986	0.40	ng/ul	0.00
4) Naphthalene-d8	10.397	136	3723	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	2421	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	5397	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	4771	0.40	ng/ul	0.00
23) Perylene-d12	23.360	264	4153	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	752	0.73	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	2464	0.38	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	6145	0.42	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.248	88	1913	1.89	ng/ul#	84
5) Naphthalene	10.446	128	4190	0.38	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	2946	0.37	ng/ul	98
8) 1-Methylnaphthalene	12.286	142	2796	0.36	ng/ul	100
10) Acenaphthylene	13.981	152	3853	0.39	ng/ul	98
11) Acenaphthene	14.322	153	3345	0.38	ng/ul	98
12) Fluorene	15.316	166	3937	0.38	ng/ul	99
14) Pentachlorophenol	16.659	266	1219	0.65	ng/ul	98
15) Phenanthrene	17.047	178	6562	0.38	ng/ul	99
16) Anthracene	17.138	178	6059	0.38	ng/ul	99
19) Fluoranthene	19.066	202	7891	0.41	ng/ul	97
20) Pyrene	19.428	202	7990	0.41	ng/ul	98
21) Benzo(a)anthracene	21.173	228	7644	0.40	ng/ul	100
22) Chrysene	21.226	228	8259	0.40	ng/ul	99
24) Benzo(b)fluoranthene	22.713	252	8084	0.41	ng/ul	99
25) Benzo(k)fluoranthene	22.757	252	8191	0.41	ng/ul	99
26) Benzo(a)pyrene	23.263	252	6576	0.39	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.509	276	8001	0.36	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.528	278	6439	0.36	ng/ul	99
29) Benzo(g,h,i)perylene	26.168	276	6652	0.35	ng/ul	97

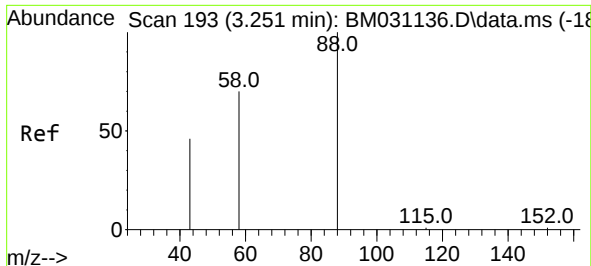
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031140.D
Acq On : 25 Jul 2021 04:17
Operator : CG/JU
Sample : PB137809BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS809

Quant Time: Jul 26 03:10:55 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 03:04:43 2021
Response via : Initial Calibration

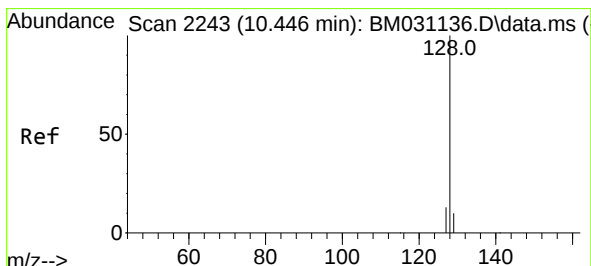
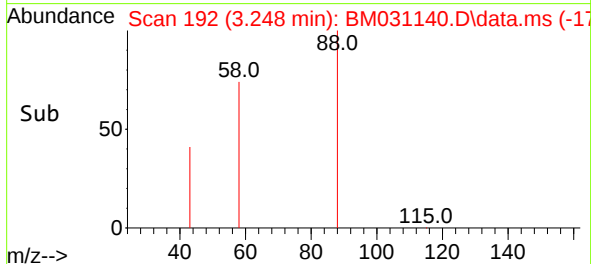
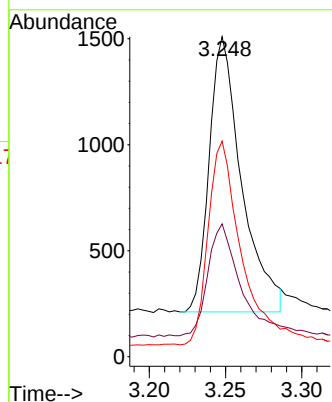
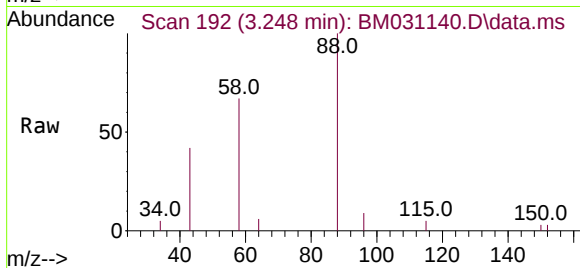




#2
1,4-Dioxane
Concen: 1.89 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. -0.004 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

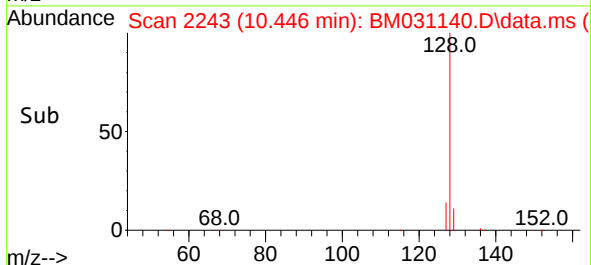
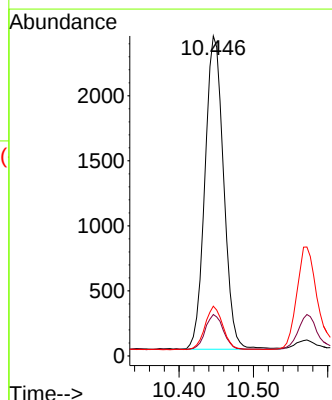
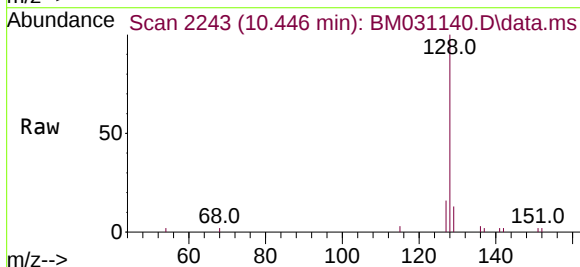
Instrument :
BNA_M
ClientSampleId :
SLCS809

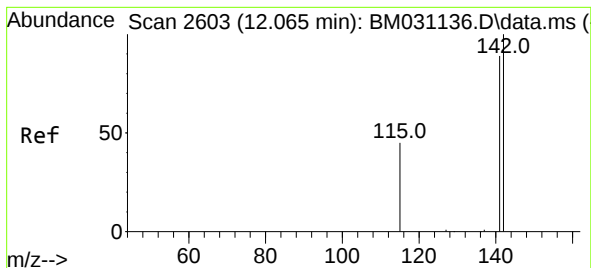
Tgt Ion: 88 Resp: 1913
Ion Ratio Lower Upper
88 100
43 41.5 35.2 52.8
58 67.4 39.1 58.7#



#5
Naphthalene
Concen: 0.38 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion: 128 Resp: 4190
Ion Ratio Lower Upper
128 100
129 12.9 10.2 15.4
127 15.6 11.8 17.8

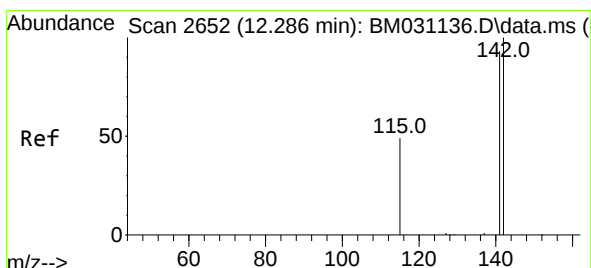
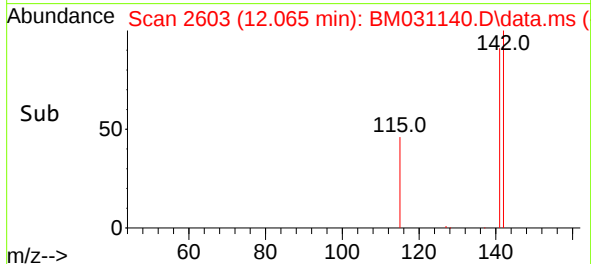
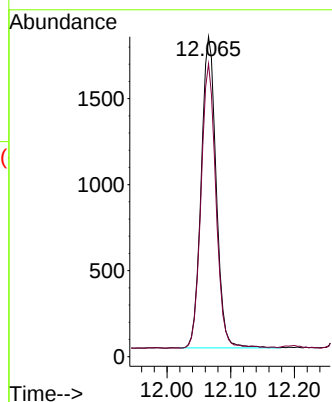
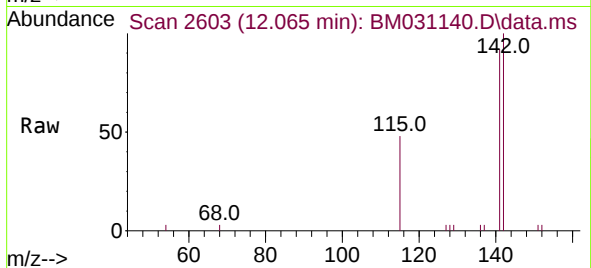




#7
2-Methylnaphthalene
Concen: 0.37 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

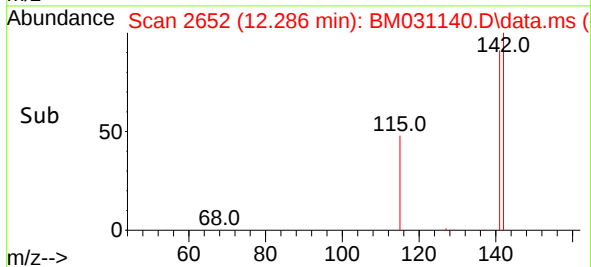
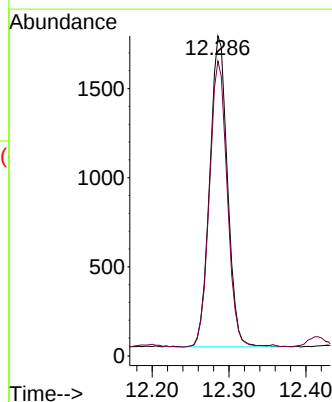
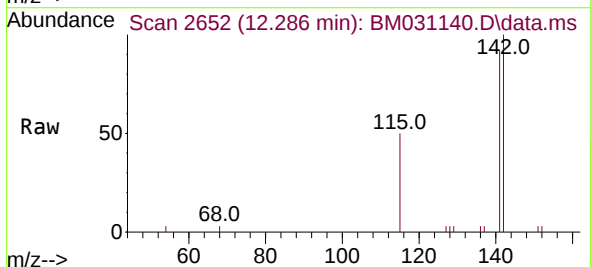
Instrument :
BNA_M
ClientSampleId :
SLCS809

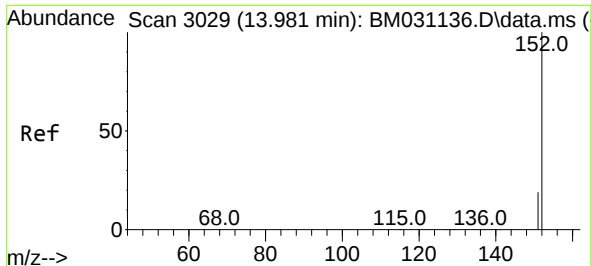
Tgt Ion:142 Resp: 2946
Ion Ratio Lower Upper
142 100
141 91.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. -0.009 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:142 Resp: 2796
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

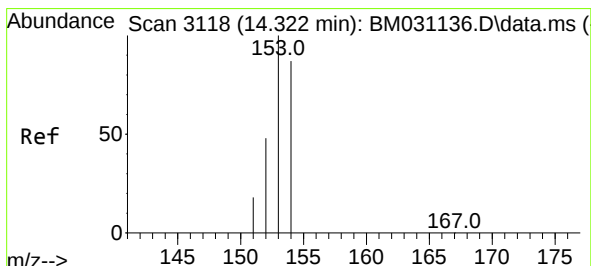
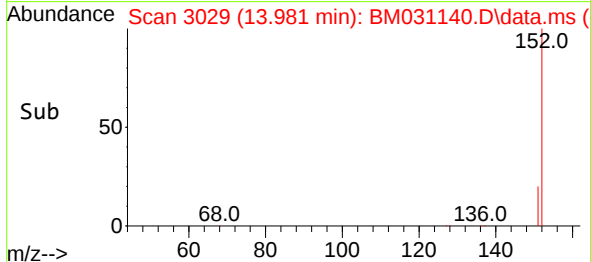
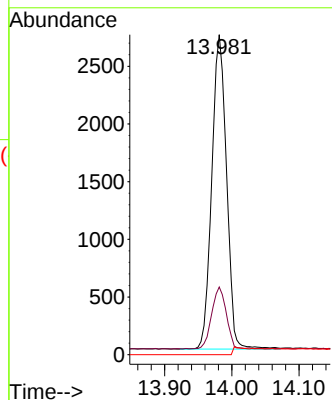
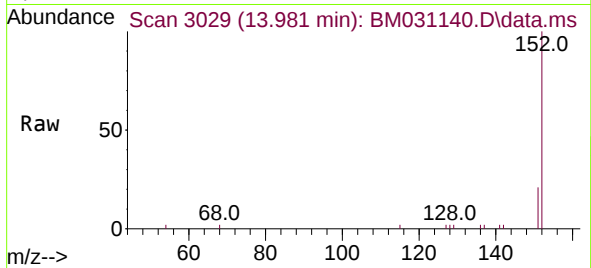




#10
Acenaphthylene
Concen: 0.39 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

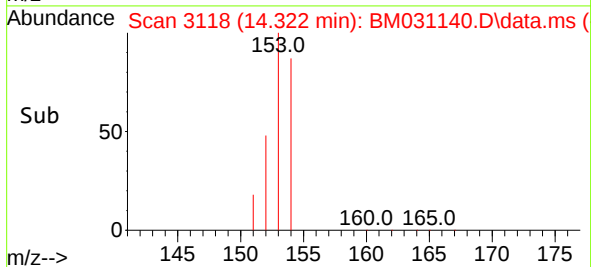
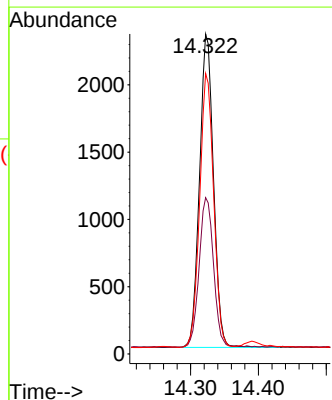
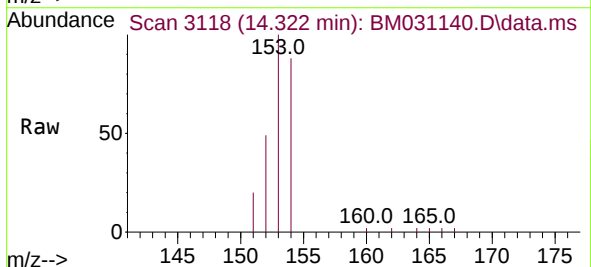
Instrument :
BNA_M
ClientSampleId :
SLCS809

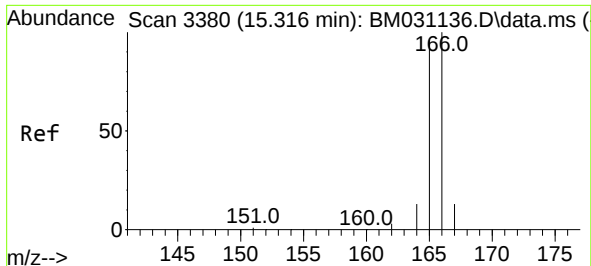
Tgt Ion:152 Resp: 3853
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.38 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:153 Resp: 3345
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.2
154 87.6 68.2 102.4

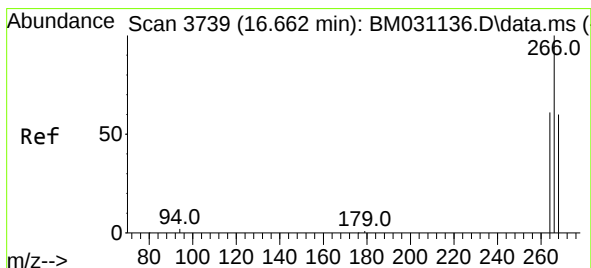
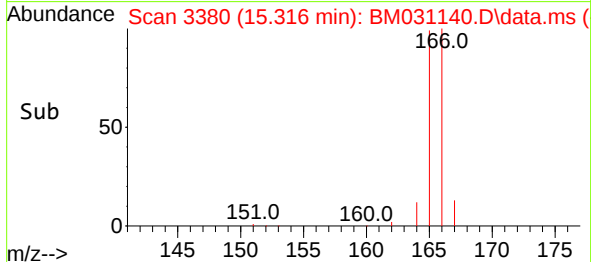
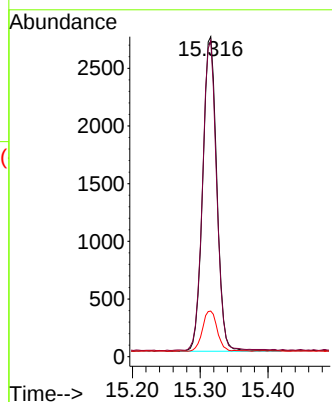
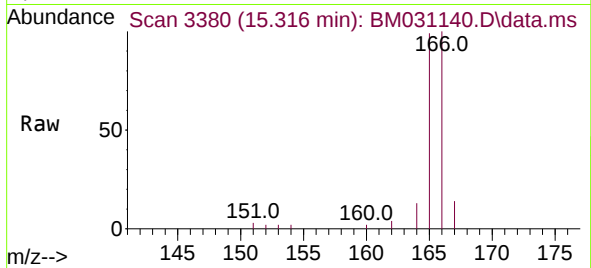




#12
Fluorene
Concen: 0.38 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

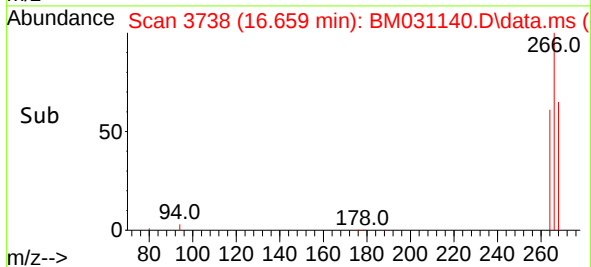
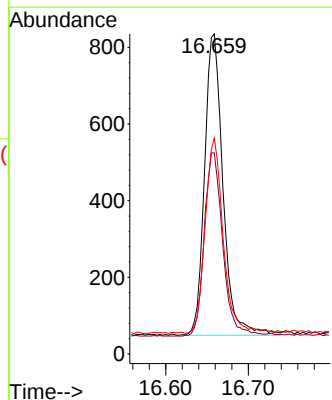
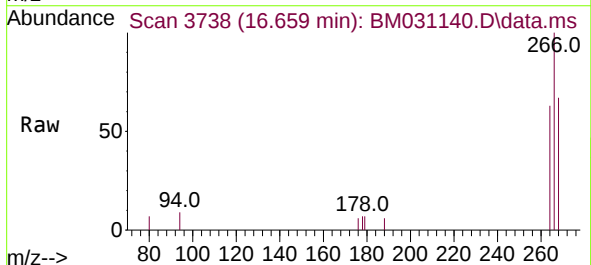
Instrument :
BNA_M
ClientSampleId :
SLCS809

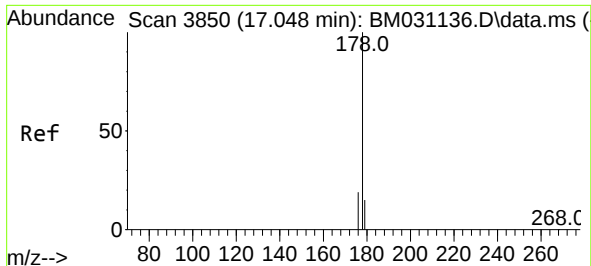
Tgt Ion:166 Resp: 3937
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 14.3 12.3 18.5



#14
Pentachlorophenol
Concen: 0.65 ng/ul
RT: 16.659 min Scan# 3738
Delta R.T. -0.004 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:266 Resp: 1219
Ion Ratio Lower Upper
266 100
264 60.8 50.9 76.3
268 63.5 51.2 76.8

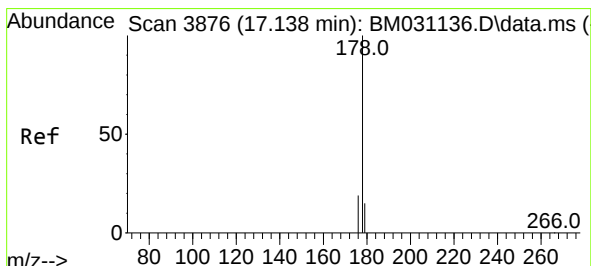
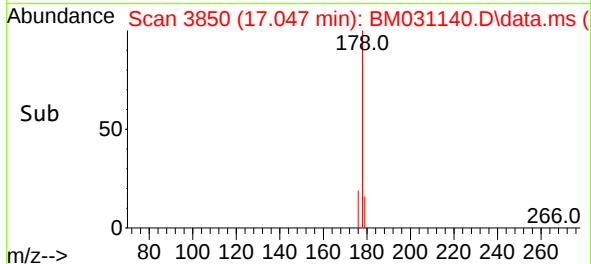
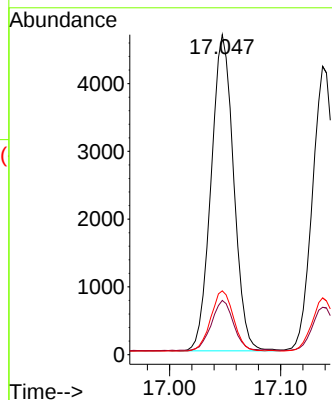
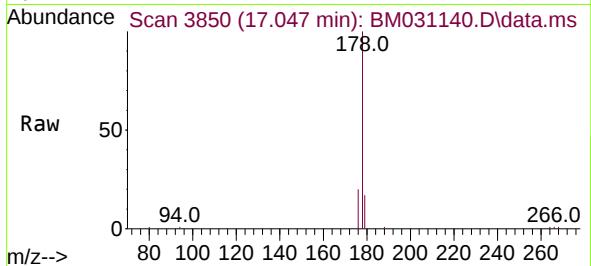




#15
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

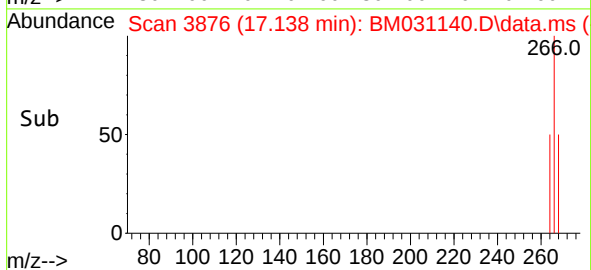
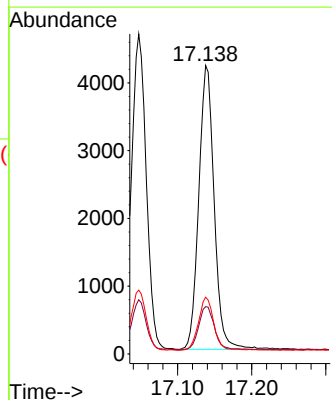
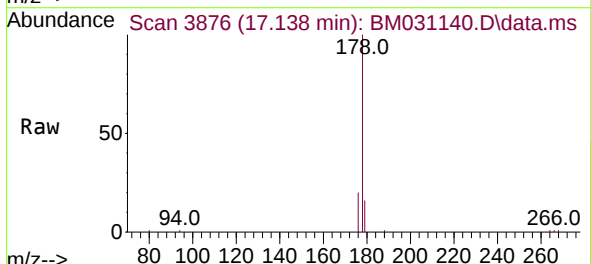
Instrument :
BNA_M
ClientSampled :
SLCS809

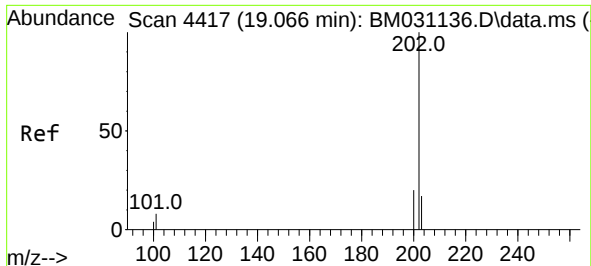
Tgt Ion:	178	Resp:	6562
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.3	19.9
176	20.0	15.4	23.2



#16
Anthracene
Concen: 0.38 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:	178	Resp:	6059
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.8	20.8
176	19.7	15.7	23.5

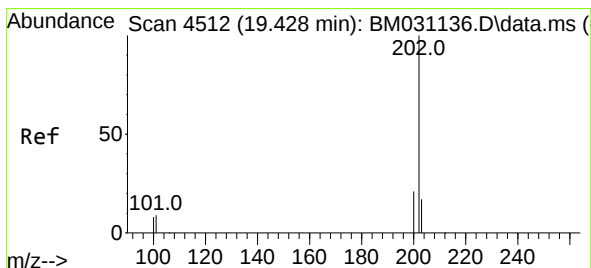
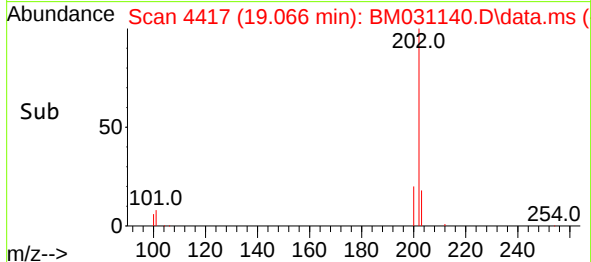
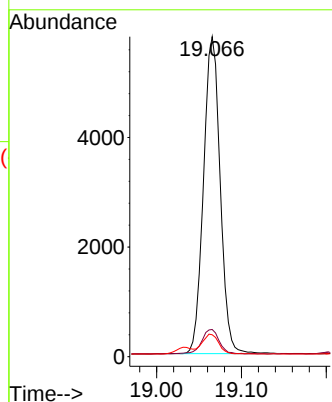
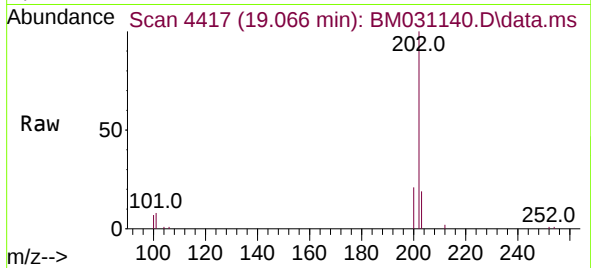




#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

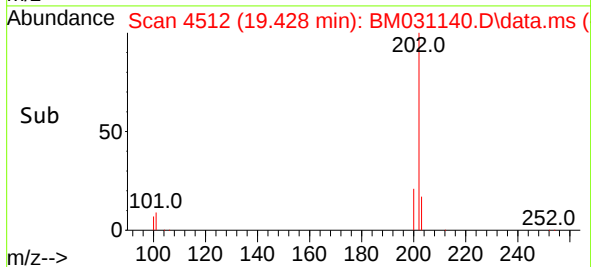
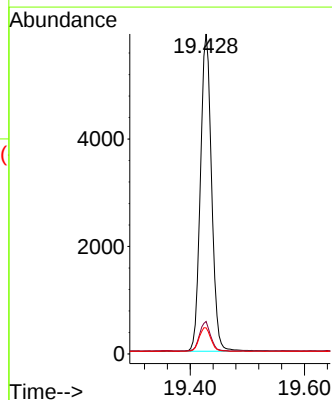
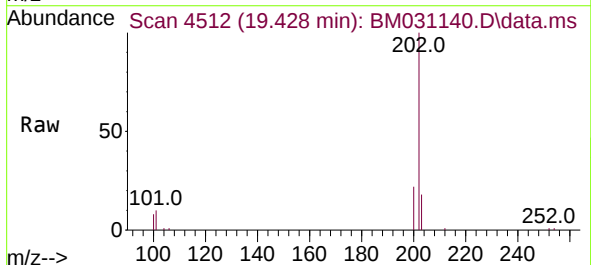
Instrument :
BNA_M
ClientSampleId :
SLCS809

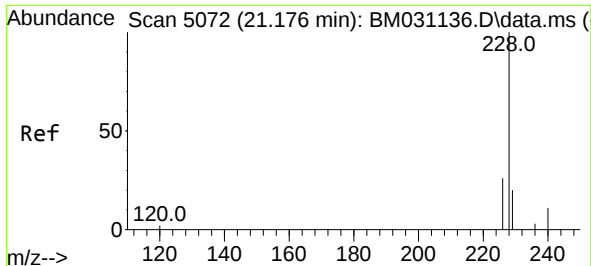
Tgt Ion:202	Resp:	7891
Ion Ratio	Lower	Upper
202	100	
101	8.5	6.0 9.0
100	6.9	4.8 7.2



#20
Pyrene
Concen: 0.41 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:202	Resp:	7990
Ion Ratio	Lower	Upper
202	100	
101	10.1	7.4 11.0
100	8.1	6.0 9.0

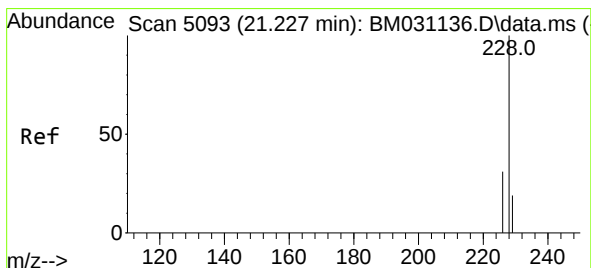
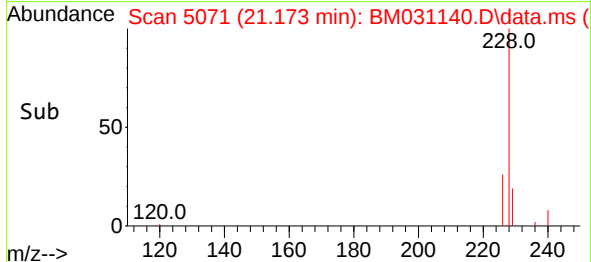
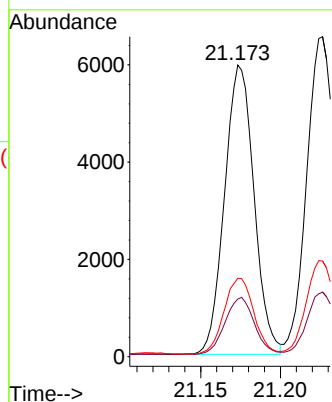
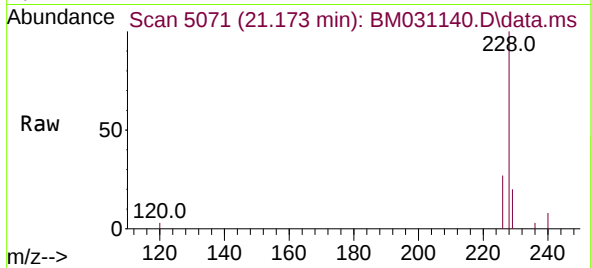




#21
Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

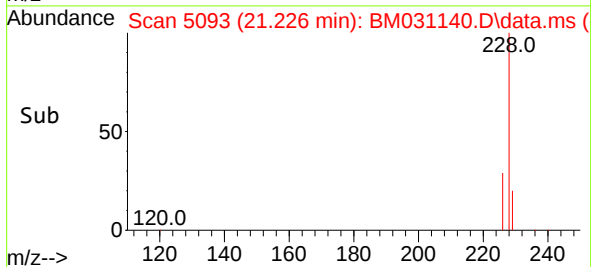
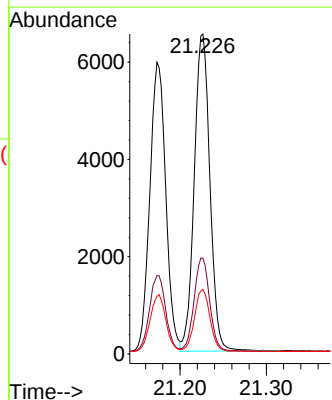
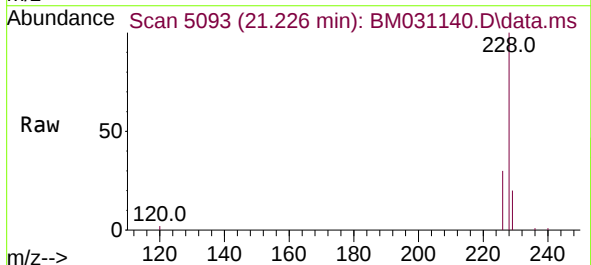
Instrument :
BNA_M
ClientSampleId :
SLCS809

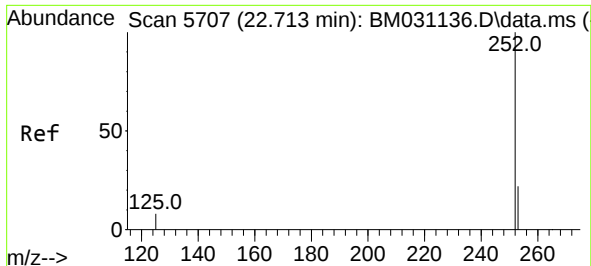
Tgt Ion:	228	Resp:	7644
Ion Ratio	Lower	Upper	
228	100		
229	19.7	16.0	24.0
226	26.9	21.4	32.2



#22
Chrysene
Concen: 0.40 ng/ul
RT: 21.226 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:	228	Resp:	8259
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.5	36.7
229	20.2	15.8	23.8

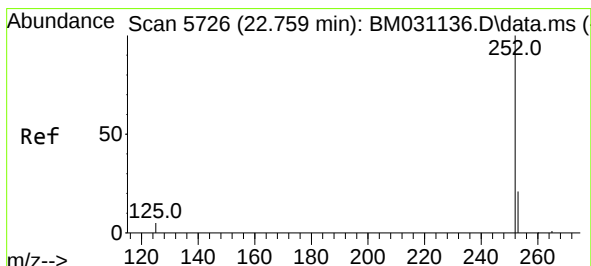
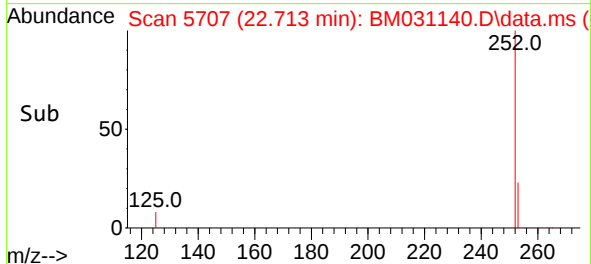
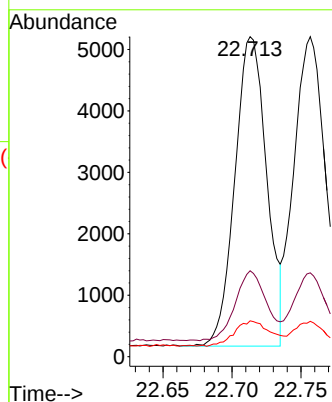
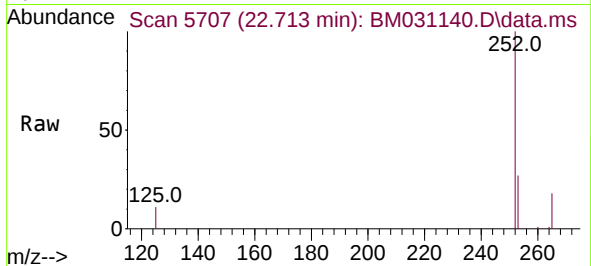




#24
Benzo(b)fluoranthene
Concen: 0.41 ng/ul
RT: 22.713 min Scan# 5707
Delta R.T. -0.012 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

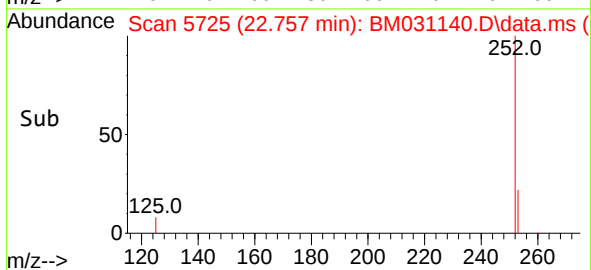
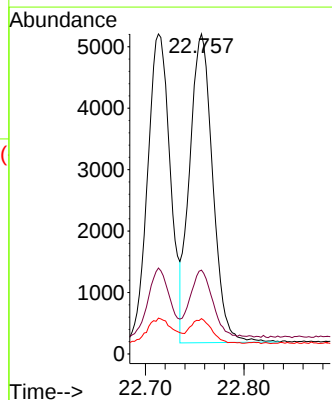
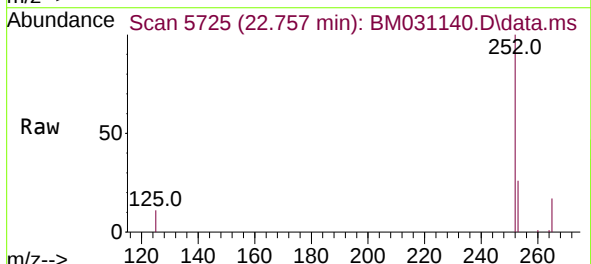
Instrument :
BNA_M
ClientSampled :
SLCS809

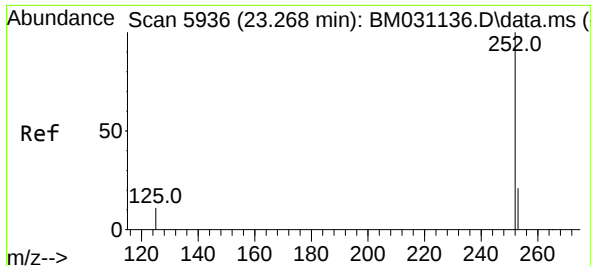
Tgt Ion:252	Resp:	8084
Ion Ratio	Lower	Upper
252	100	
253	26.9	0.0 52.8
125	11.2	0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.41 ng/ul
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:252	Resp:	8191
Ion Ratio	Lower	Upper
252	100	
253	26.2	21.6 32.4
125	11.1	8.6 13.0

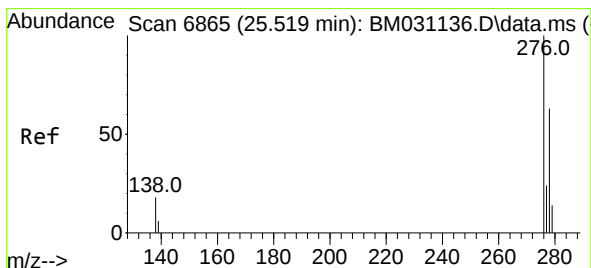
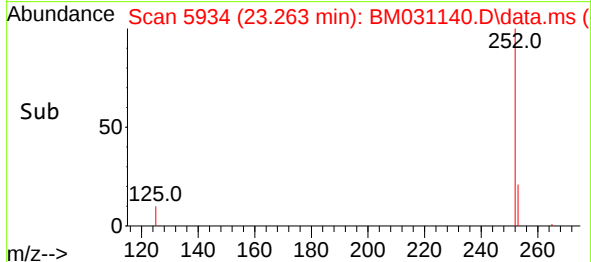
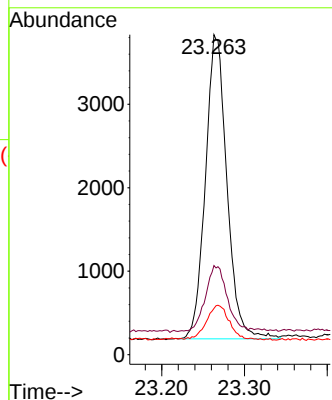
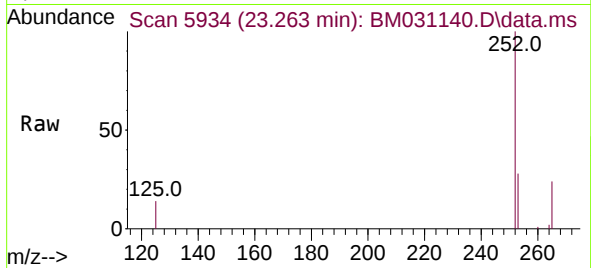




#26
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.263 min Scan# 5934
Delta R.T. -0.017 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

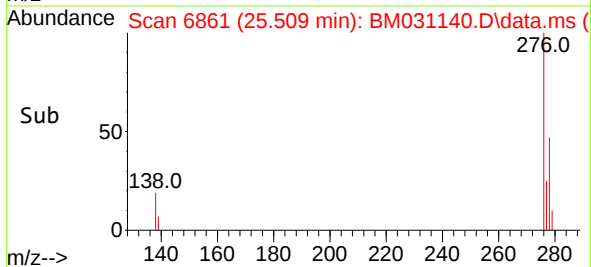
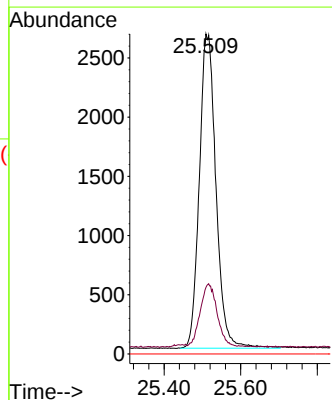
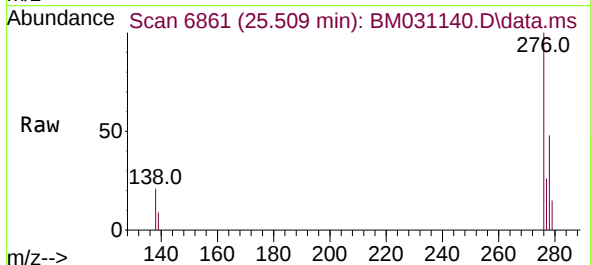
Instrument :
BNA_M
ClientSampled :
SLCS809

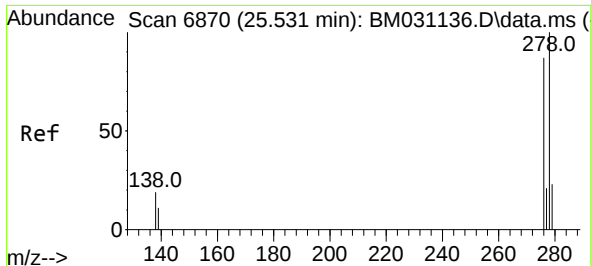
Tgt Ion:	252	Resp:	6576
Ion Ratio	Lower	Upper	
252	100		
253	27.8	23.1	34.7
125	14.4	10.7	16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng/ul
RT: 25.509 min Scan# 6861
Delta R.T. -0.024 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:	276	Resp:	8001
Ion Ratio	Lower	Upper	
276	100		
138	20.5	15.4	23.0
227	0.0	0.0	0.0

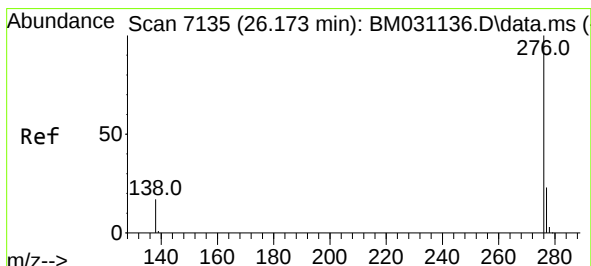
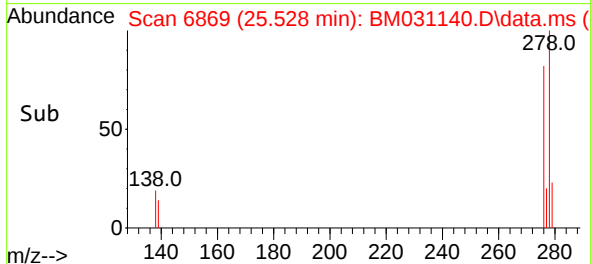
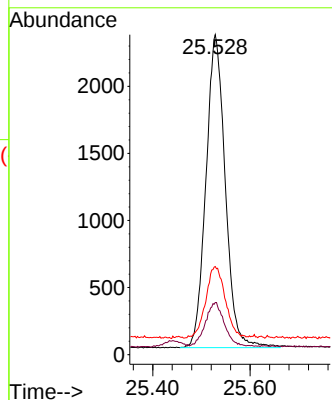
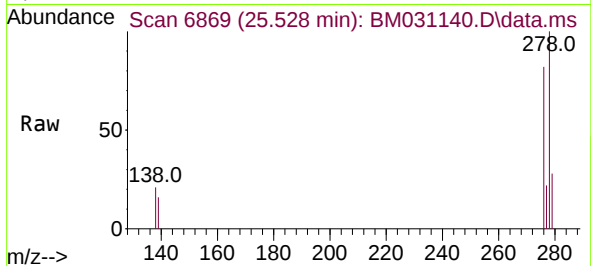




#28
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 25.528 min Scan# 6869
Delta R.T. -0.017 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Instrument :
BNA_M
ClientSampleId :
SLCS809

Tgt Ion:278 Resp: 6439
Ion Ratio Lower Upper
278 100
139 16.3 12.6 18.8
279 27.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.35 ng/ul
RT: 26.168 min Scan# 7133
Delta R.T. -0.024 min
Lab File: BM031140.D
Acq: 25 Jul 2021 04:17

Tgt Ion:276 Resp: 6652
Ion Ratio Lower Upper
276 100
138 19.7 14.0 21.0
277 25.5 19.9 29.9

