

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030890.D
 Acq On : 08 Jul 2021 18:23
 Operator : CG/JU
 Sample : PB137404BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS404

Quant Time: Jul 09 02:52:35 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 : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

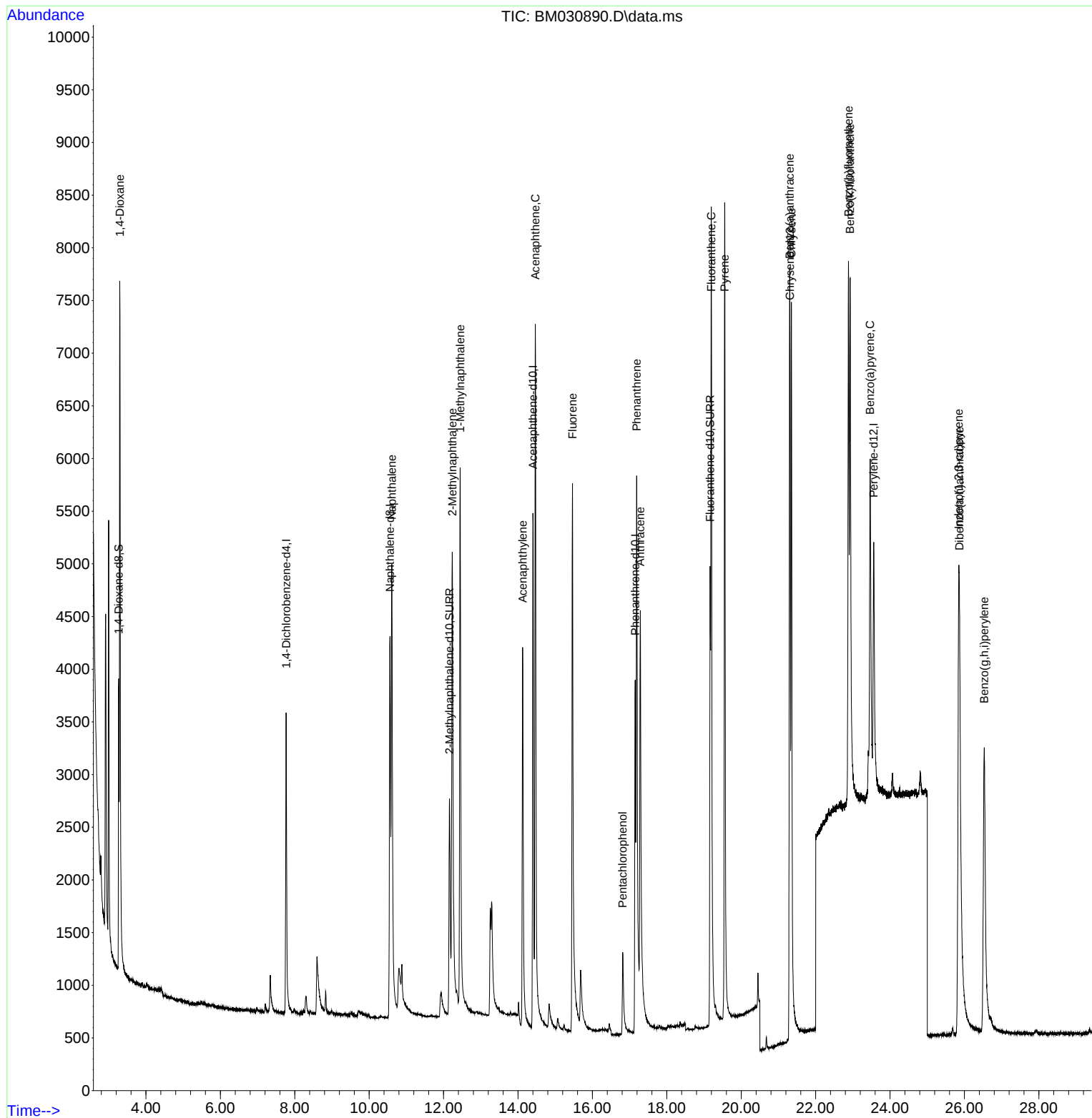
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	1843	0.400	ng/ul	0.00
4) Naphthalene-d8	10.559	136	7169	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.402	164	3585	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.148	188	5925	0.400	ng/ul	0.00
17) Chrysene-d12	21.311	240	4293	0.400	ng/ul	# 0.00
23) Perylene-d12	23.561	264	3876	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	1723	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.160	152	4551	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.165	212	6443	0.523	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	4187	2.018	ng/ul#	83
5) Naphthalene	10.608	128	8110	0.397	ng/ul	98
7) 2-Methylnaphthalene	12.236	142	5199	0.378	ng/ul	98
8) 1-Methylnaphthalene	12.448	142	4762	0.356	ng/ul	99
10) Acenaphthylene	14.125	152	6175	0.386	ng/ul	96
11) Acenaphthene	14.466	153	5304	0.409	ng/ul	99
12) Fluorene	15.464	166	5423	0.379	ng/ul	98
14) Pentachlorophenol	16.815	266	988	0.511	ng/ul	96
15) Phenanthrene	17.190	178	7575	0.380	ng/ul	97
16) Anthracene	17.287	178	6764	0.388	ng/ul	97
19) Fluoranthene	19.195	202	8464	0.447	ng/ul	100
20) Pyrene	19.558	202	8728	0.458	ng/ul	99
21) Benzo(a)anthracene	21.299	228	6433	0.376	ng/ul	100
22) Chrysene	21.348	228	7991	0.417	ng/ul	97
24) Benzo(b)fluoranthene	22.883	252	7679	0.447	ng/ul	90
25) Benzo(k)fluoranthene	22.927	252	8616	0.487	ng/ul#	91
26) Benzo(a)pyrene	23.467	252	6577	0.450	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.846	276	8975	0.472	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.865	278	7275	0.477	ng/ul#	90
29) Benzo(g,h,i)perylene	26.532	276	7952	0.481	ng/ul	97

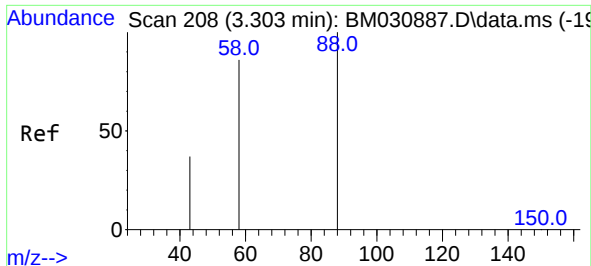
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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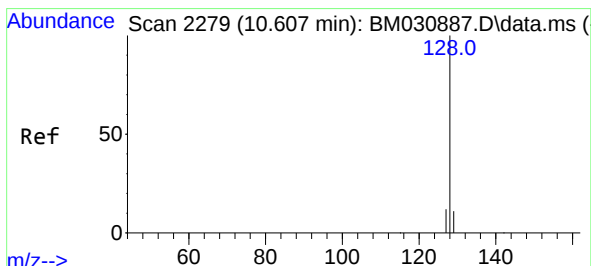
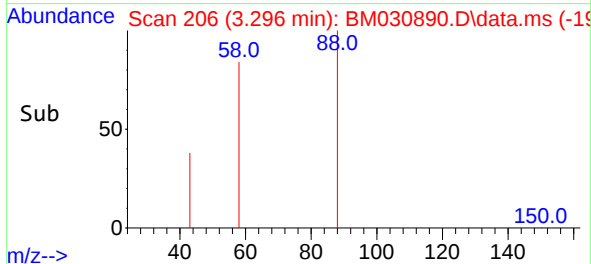
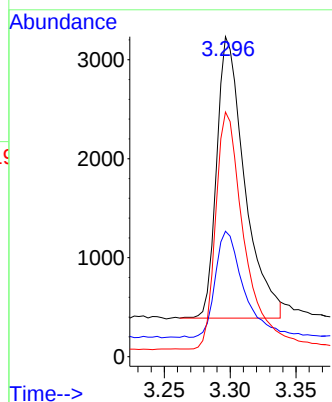
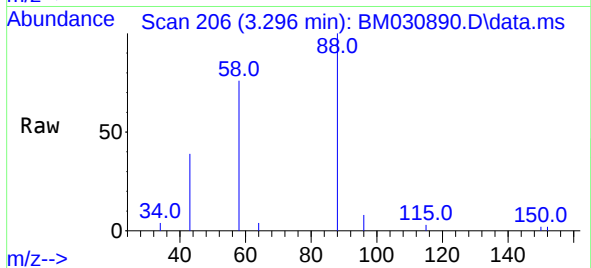




#2
1,4-Dioxane
Concen: 2.018 ng/ul
RT: 3.296 min Scan# 206
Delta R.T. -0.007 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

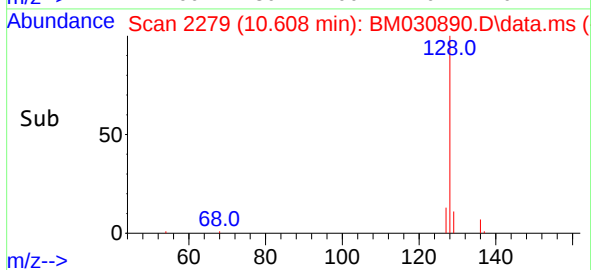
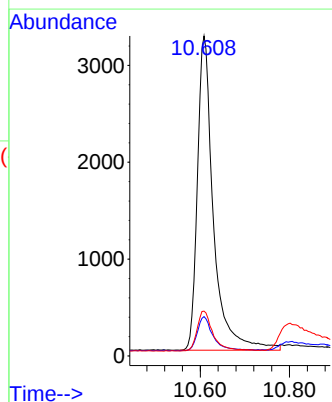
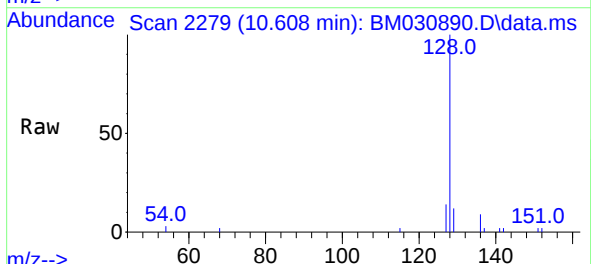
Instrument :
BNA_M
ClientSampled :
SLCS404

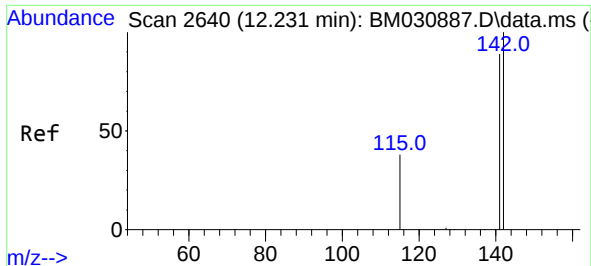
Tgt Ion: 88 Resp: 4187
Ion Ratio Lower Upper
88 100
43 39.2 37.7 56.5
58 76.4 48.5 72.7#



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.608 min Scan# 2279
Delta R.T. 0.005 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:128 Resp: 8110
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.0 10.9 16.3

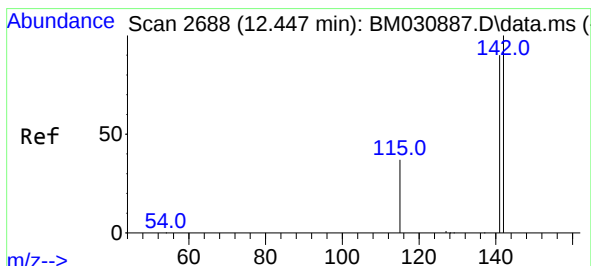
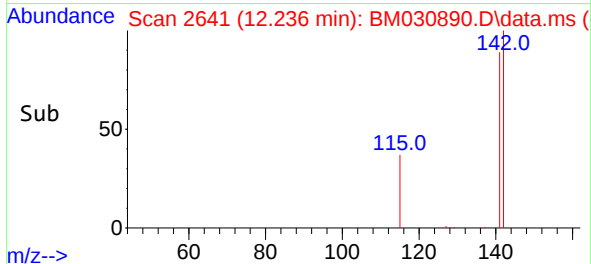
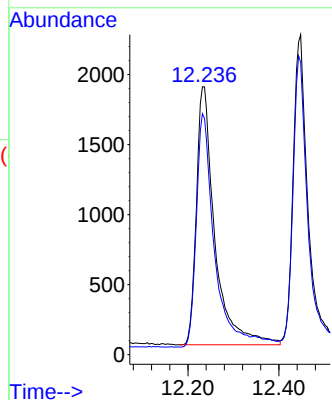
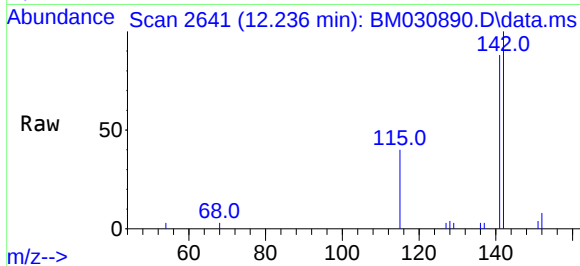




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. 0.005 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

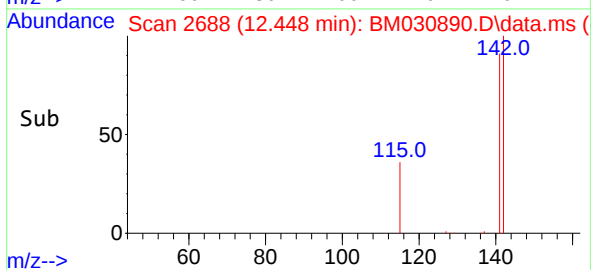
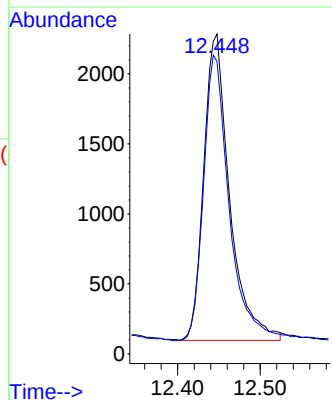
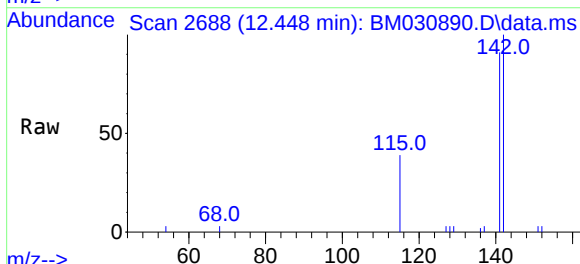
Instrument :
BNA_M
ClientSampled :
SLCS404

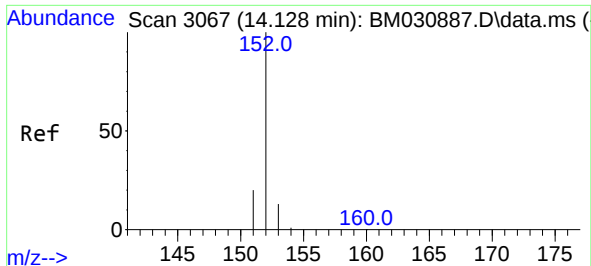
Tgt Ion:142 Resp: 5199
Ion Ratio Lower Upper
142 100
141 90.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.448 min Scan# 2688
Delta R.T. 0.005 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:142 Resp: 4762
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

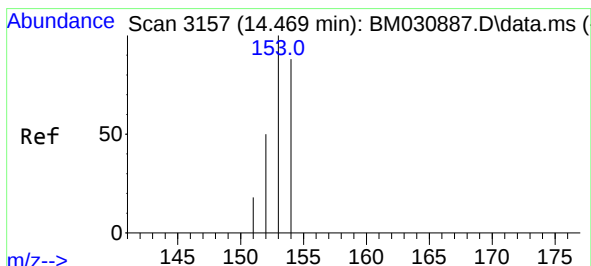
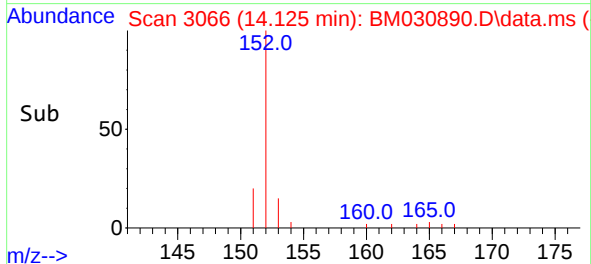
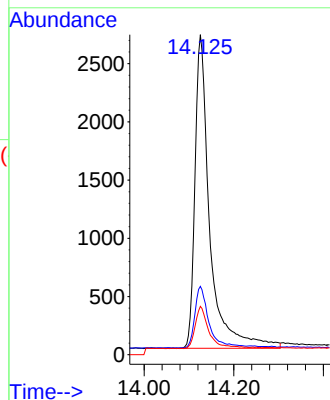
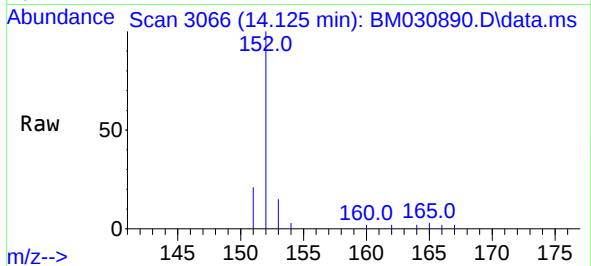




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.125 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

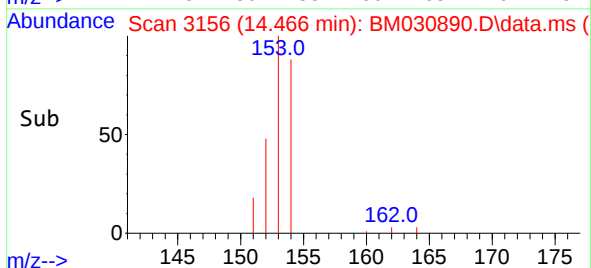
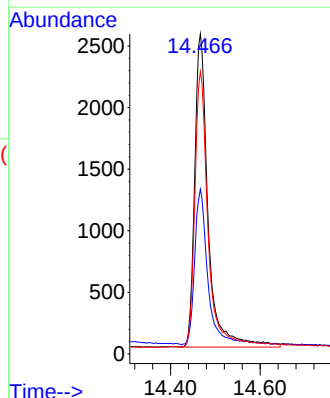
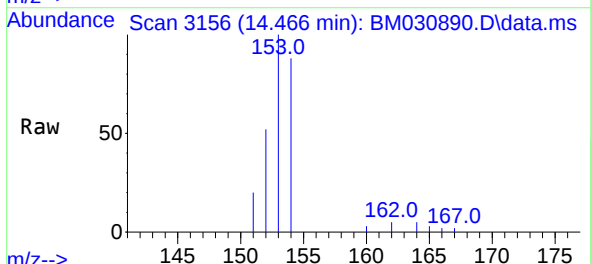
Instrument :
BNA_M
ClientSampled :
SLCS404

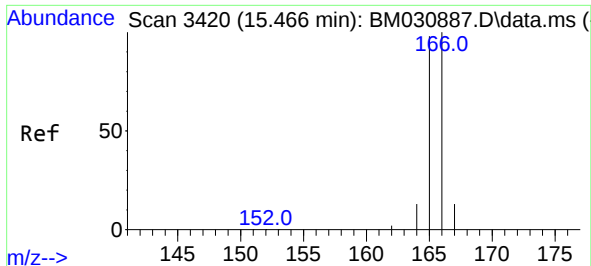
Tgt Ion:152	Resp:	6175
Ion Ratio	Lower	Upper
152	100	
151	21.4	15.5 23.3
153	15.1	10.7 16.1



#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.466 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:153	Resp:	5304
Ion Ratio	Lower	Upper
153	100	
152	51.5	40.2 60.2
154	88.3	71.2 106.8

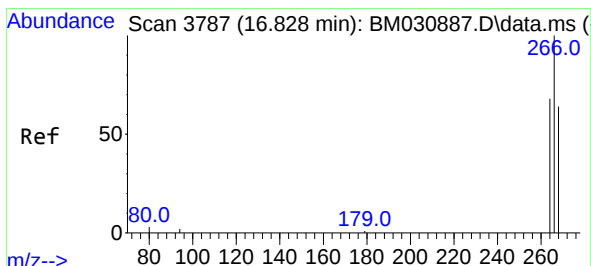
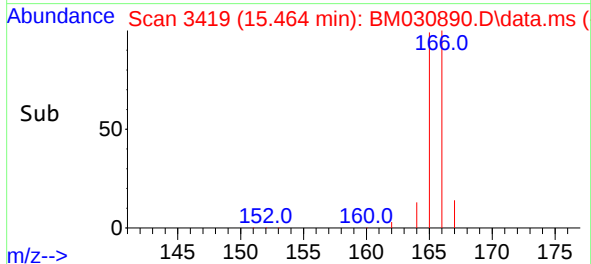
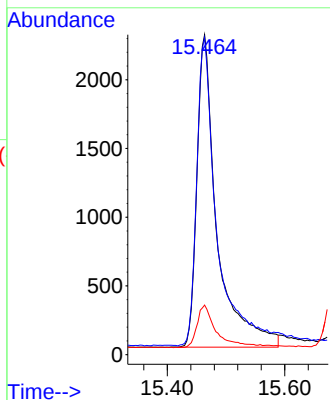
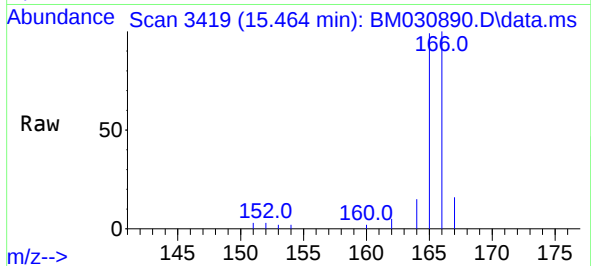




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.464 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

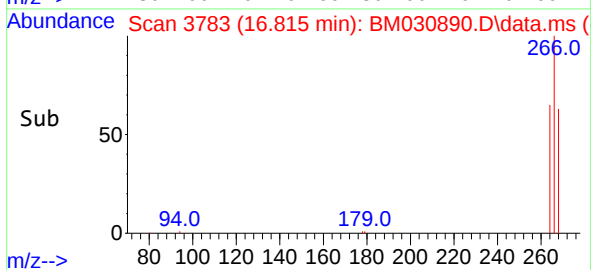
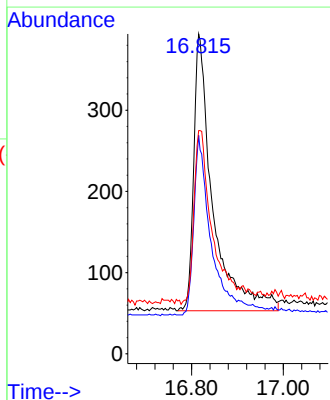
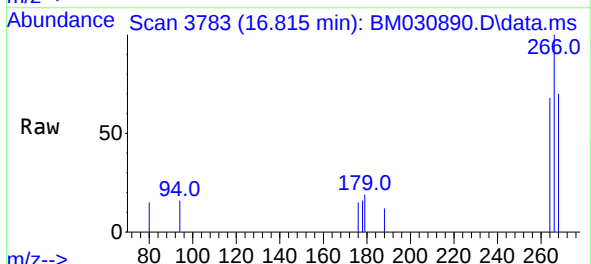
Instrument :
BNA_M
ClientSampled :
SLCS404

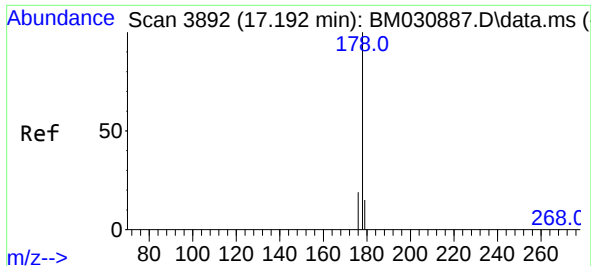
Tgt Ion:	166	Resp:	5423
Ion Ratio	Lower	Upper	
166	100		
165	99.1	77.7	116.5
167	15.5	11.3	16.9



#14
Pentachlorophenol
Concen: 0.511 ng/ul
RT: 16.815 min Scan# 3783
Delta R.T. -0.017 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:	266	Resp:	988
Ion Ratio	Lower	Upper	
266	100		
264	62.4	47.7	71.5
268	63.2	47.5	71.3

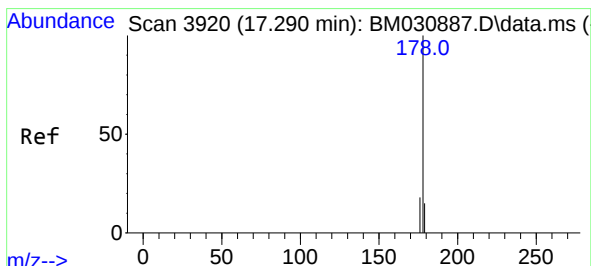
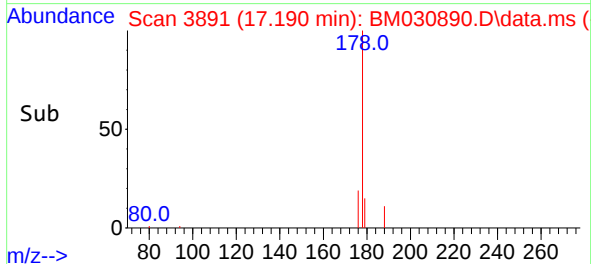
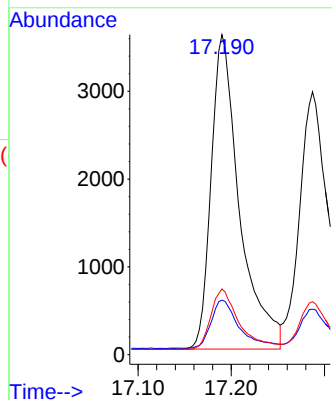
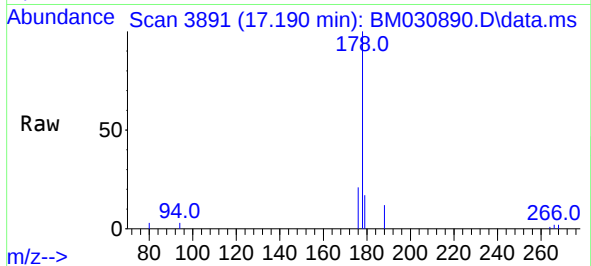




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.190 min Scan# 3891
Delta R.T. -0.003 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

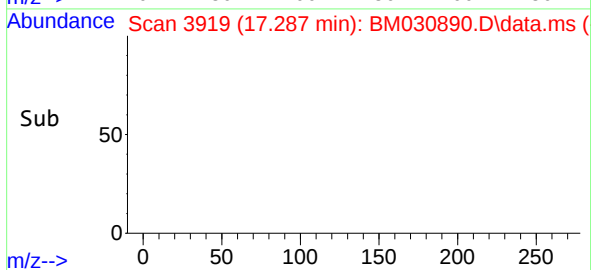
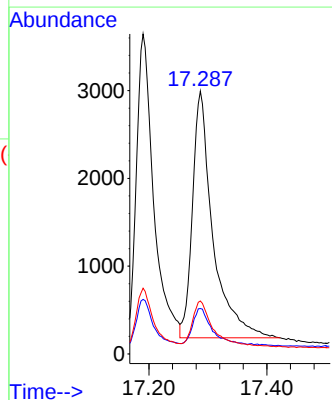
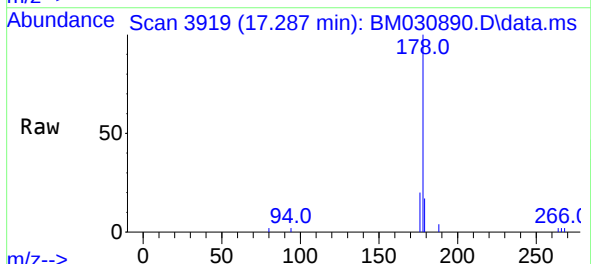
Instrument :
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ClientSampled :
SLCS404

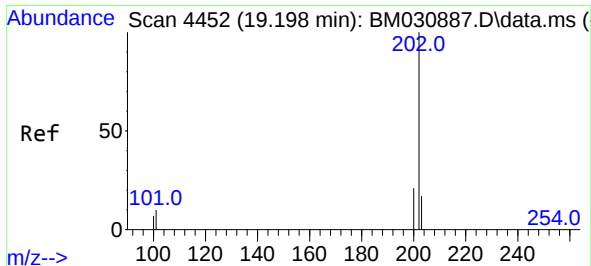
Tgt Ion:	178	Resp:	7575
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	20.5	15.5	23.3



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:	178	Resp:	6764
Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.7	19.1
176	20.1	15.2	22.8

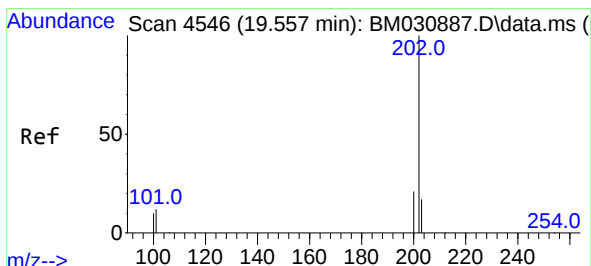
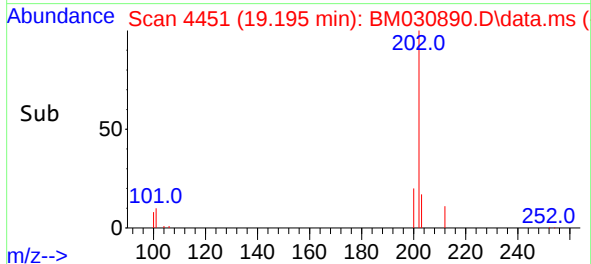
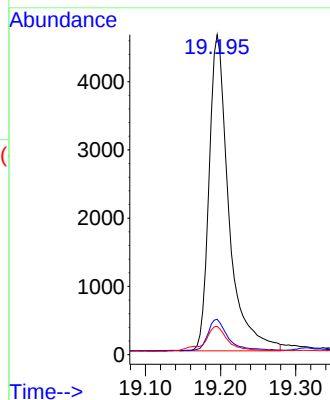
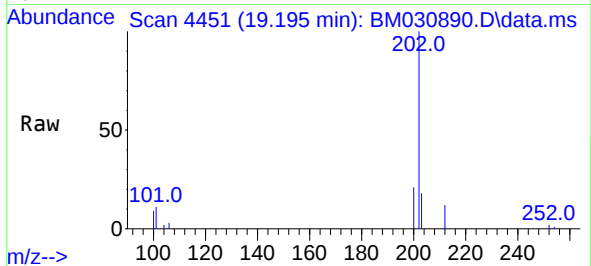




#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.195 min Scan# 4451
Delta R.T. -0.004 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

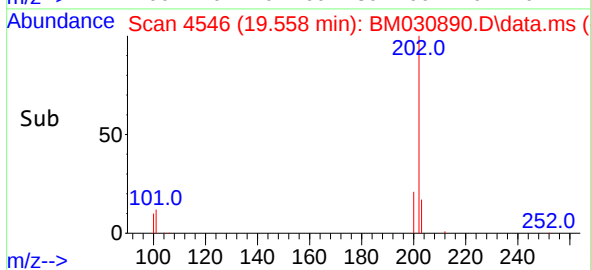
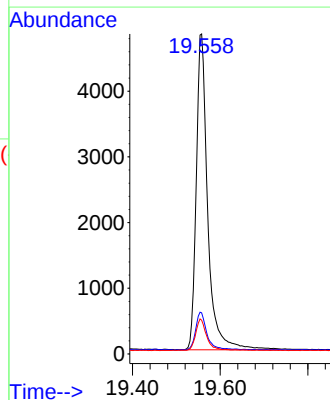
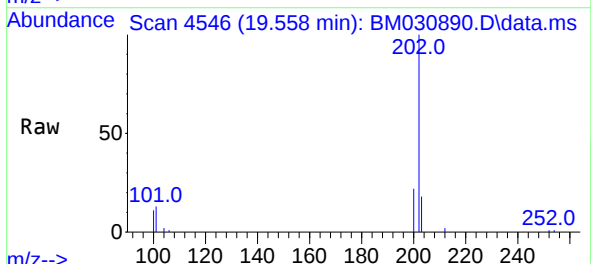
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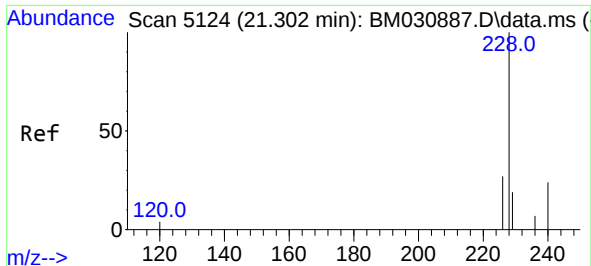
Tgt Ion:202 Resp: 8464
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.8 6.9 10.3



#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.558 min Scan# 4546
Delta R.T. 0.000 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:202 Resp: 8728
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.6 8.2 12.2



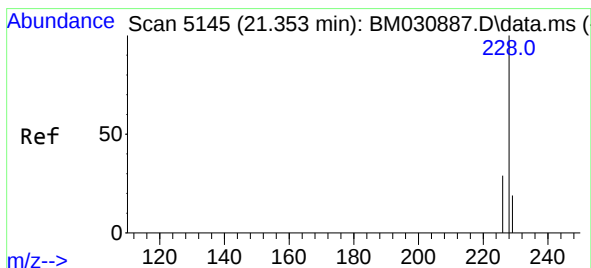
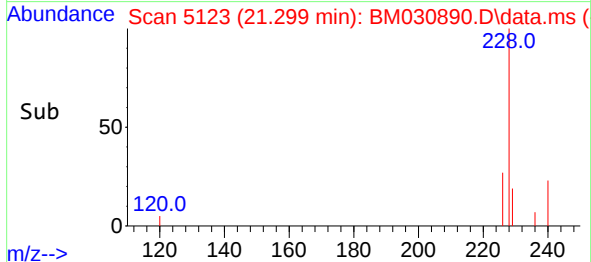
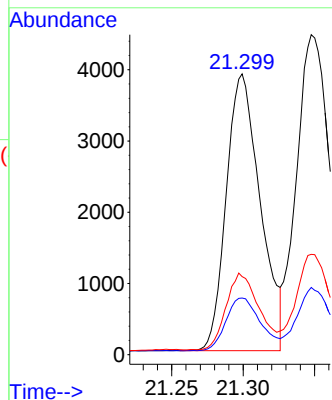
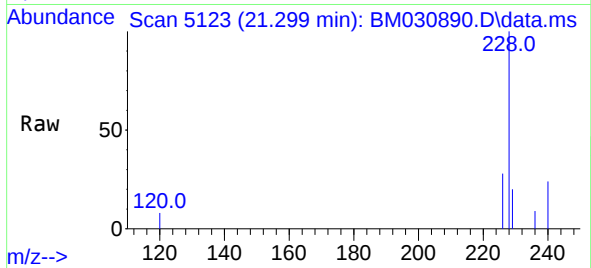


#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.299 min Scan# 5123
Delta R.T. -0.005 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Instrument :
BNA_M
ClientSampleId :
SLCS404

Tgt Ion:228 Resp: 6433

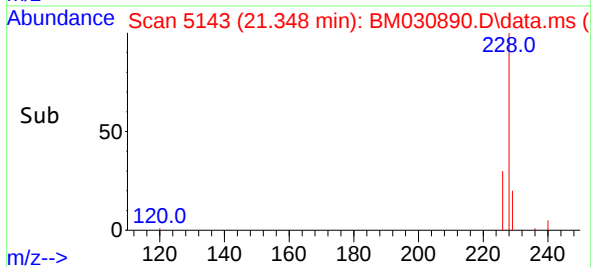
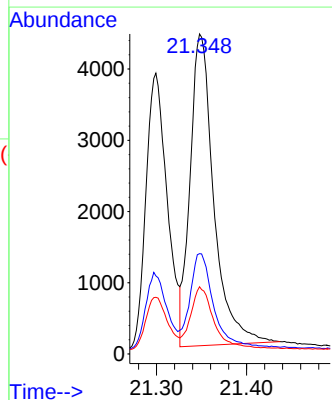
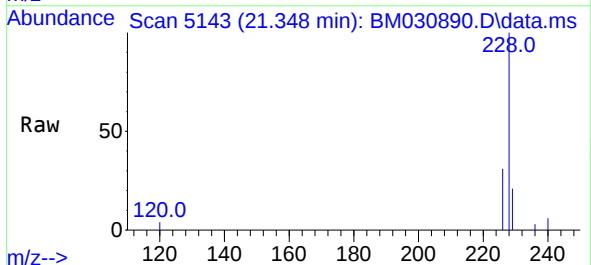
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	27.8	22.2	33.4

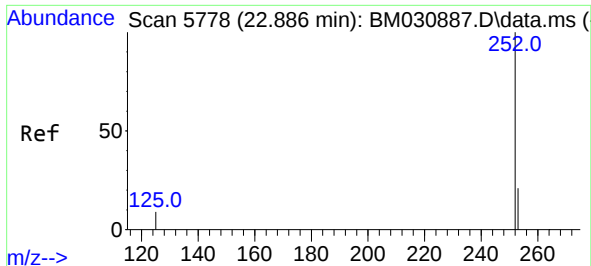


#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.348 min Scan# 5143
Delta R.T. -0.005 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:228 Resp: 7991

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	21.0	15.4	23.0

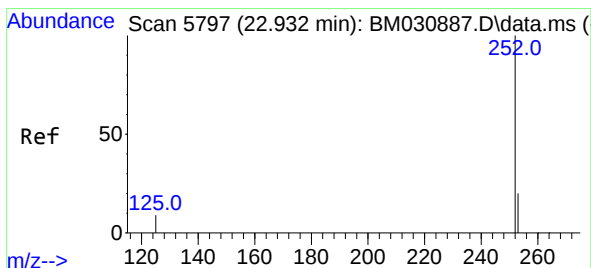
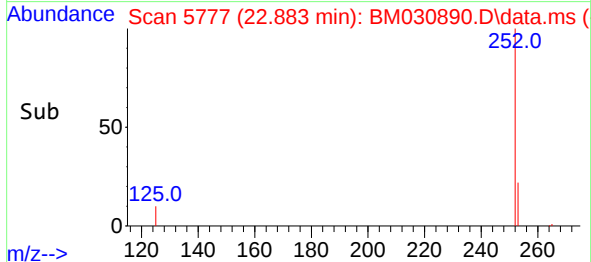
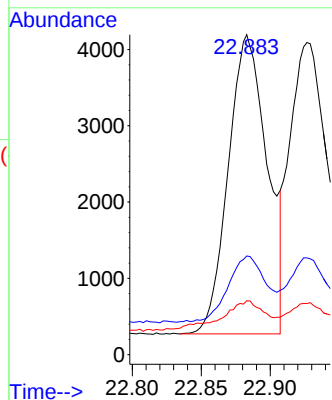
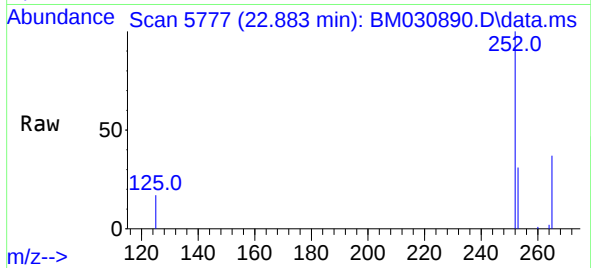




#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 22.883 min Scan# 5777
Delta R.T. -0.002 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

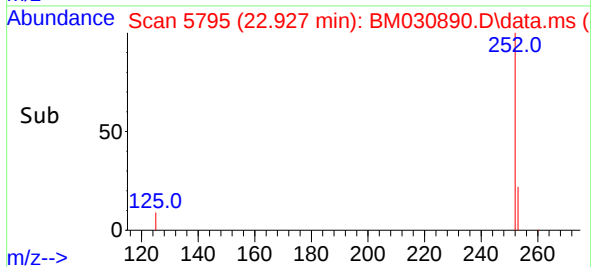
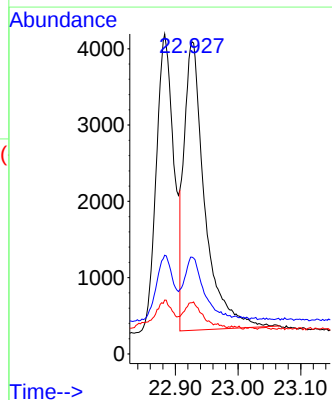
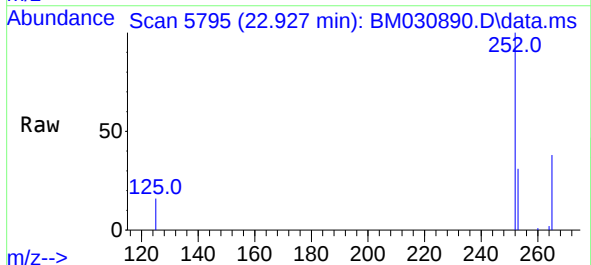
Instrument :
BNA_M
ClientSampleId :
SLCS404

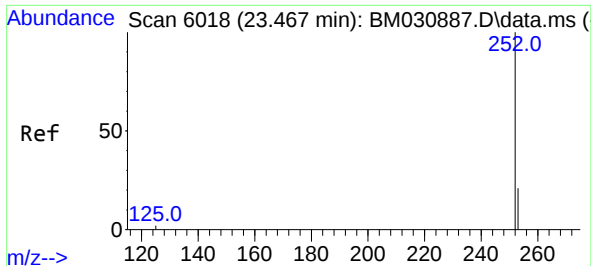
Tgt Ion:252 Resp: 7679
Ion Ratio Lower Upper
252 100
253 30.9 0.0 50.2
125 16.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.487 ng/ul
RT: 22.927 min Scan# 5795
Delta R.T. -0.005 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:252 Resp: 8616
Ion Ratio Lower Upper
252 100
253 31.0 20.6 31.0#
125 16.4 11.0 16.4

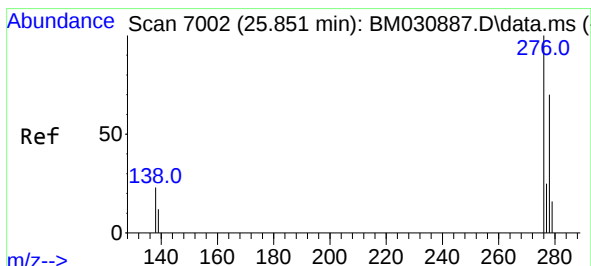
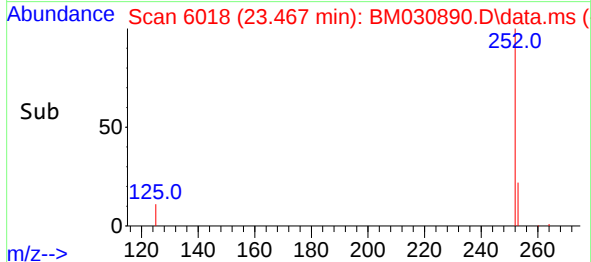
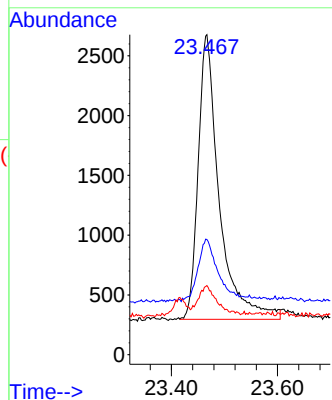
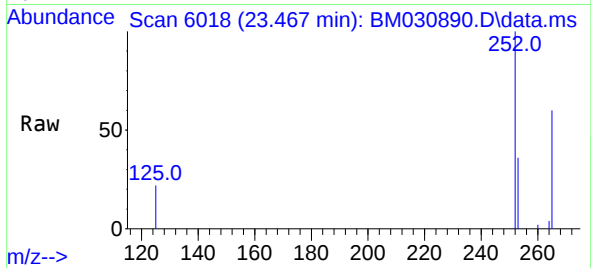




#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 23.467 min Scan# 6018
Delta R.T. -0.002 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

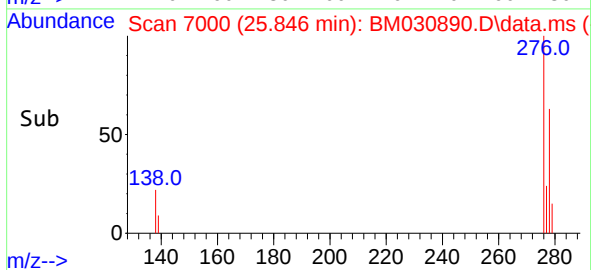
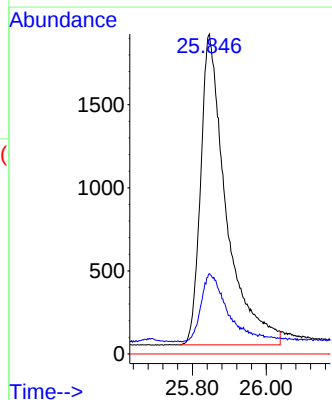
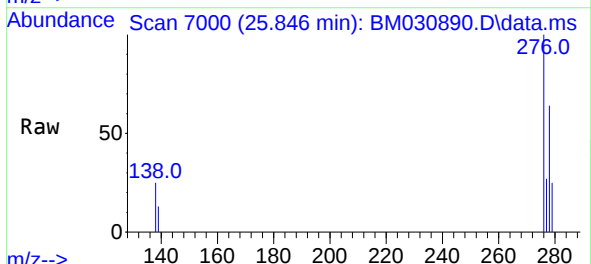
Instrument :
BNA_M
ClientSampleId :
SLCS404

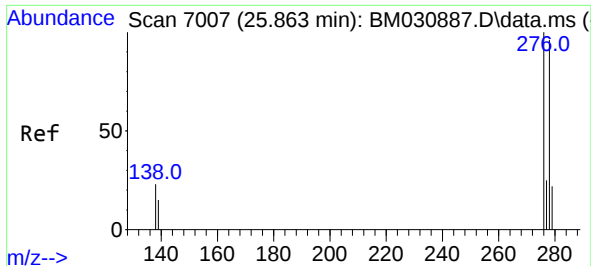
Tgt Ion:252 Resp: 6577
Ion Ratio Lower Upper
252 100
253 36.0 22.0 33.0#
125 21.6 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.007 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:276 Resp: 8975
Ion Ratio Lower Upper
276 100
138 23.3 19.1 28.7
227 0.0 0.0 0.0

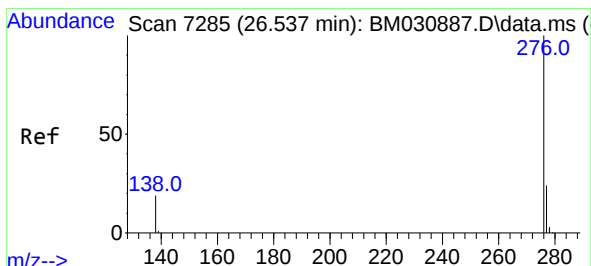
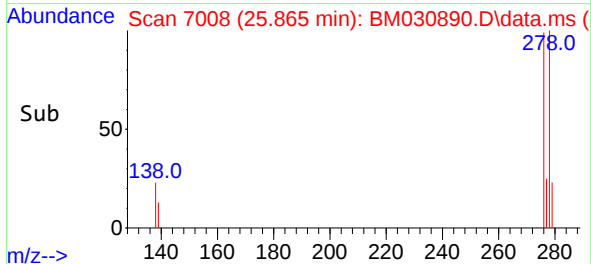
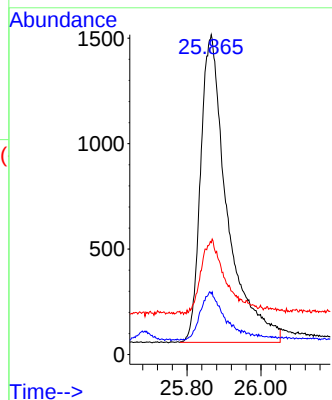
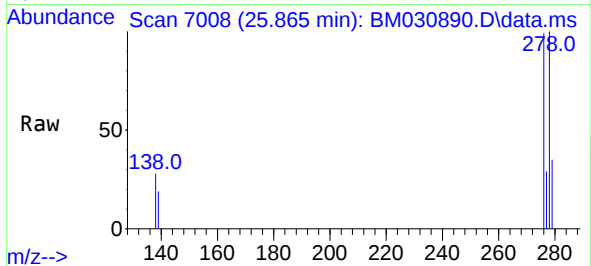




#28
Dibenzo(a,h)anthracene
Concen: 0.477 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.002 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Instrument :
BNA_M
ClientSampled :
SLCS404

Tgt Ion:278 Resp: 7275
Ion Ratio Lower Upper
278 100
139 19.0 14.2 21.4
279 35.0 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.481 ng/ul
RT: 26.532 min Scan# 7283
Delta R.T. -0.007 min
Lab File: BM030890.D
Acq: 08 Jul 2021 18:23

Tgt Ion:276 Resp: 7952
Ion Ratio Lower Upper
276 100
138 22.8 18.0 27.0
277 26.9 19.5 29.3

