

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031520.D
 Acq On : 06 Aug 2021 17:50
 Operator : CG/JU
 Sample : PB138020BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS020

Quant Time: Aug 06 18:20:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 17:49:17 2021
 Response via : Initial Calibration

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

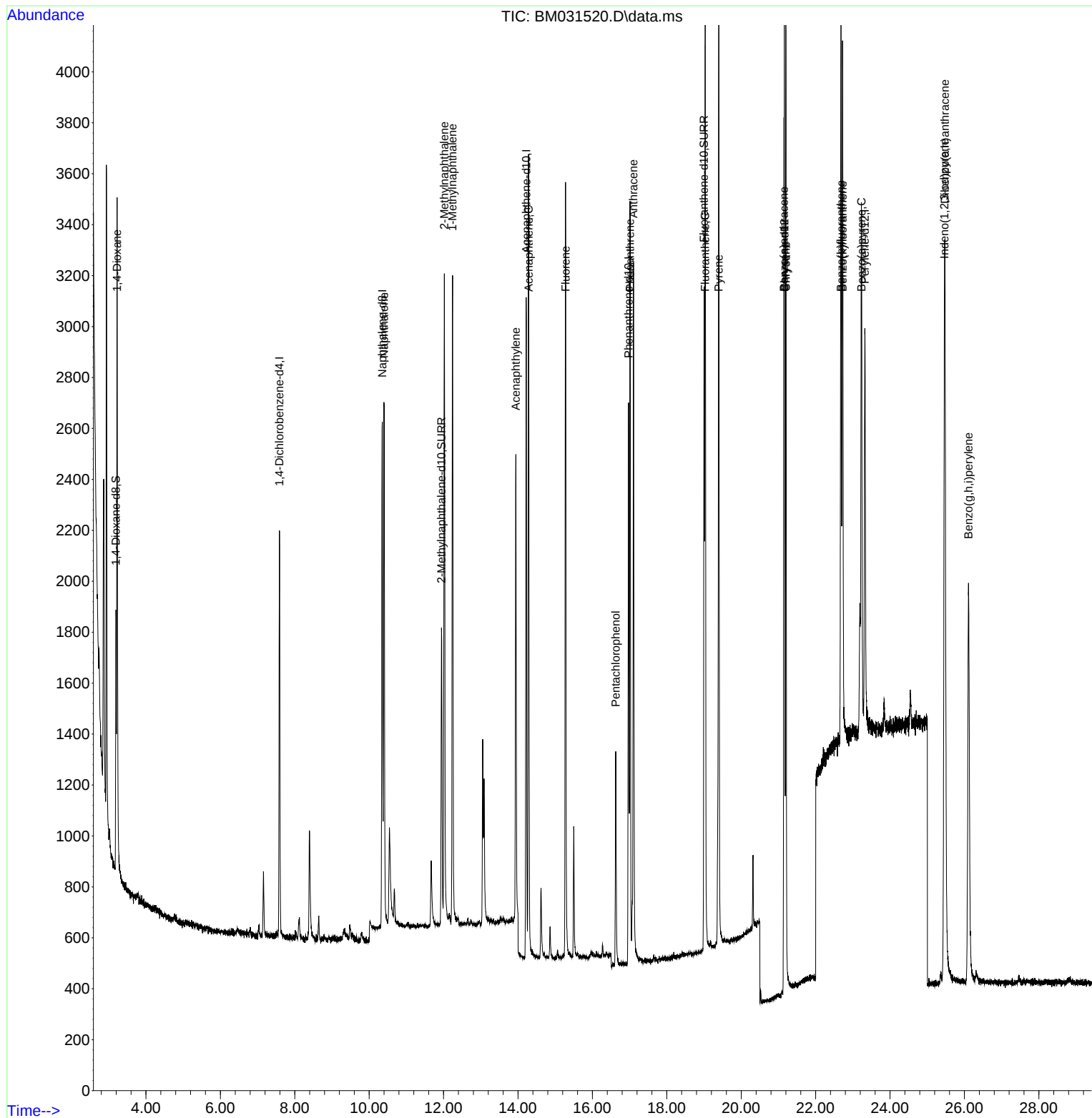
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	2820	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	1540	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	2919	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.164	240	2264	0.400	ng/ul	0.00
23) Perylene-d12	23.321	264	2095	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	617	0.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	1697	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	3075	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	1686	1.934	ng/ul#	80
5) Naphthalene	10.397	128	2923	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.020	142	1954	0.340	ng/ul	99
8) 1-Methylnaphthalene	12.241	142	1784	0.315	ng/ul	99
10) Acenaphthylene	13.941	152	2384	0.363	ng/ul	97
11) Acenaphthene	14.284	153	1939	0.351	ng/ul	99
12) Fluorene	15.278	166	2134	0.336	ng/ul	97
14) Pentachlorophenol	16.628	266	619	0.662	ng/ul	99
15) Phenanthrene	17.013	178	3310	0.357	ng/ul	97
16) Anthracene	17.103	178	3077	0.355	ng/ul	98
19) Fluoranthene	19.031	202	3702	0.383	ng/ul	96
20) Pyrene	19.397	202	3766	0.384	ng/ul	98
21) Benzo(a)anthracene	21.149	228	3405	0.372	ng/ul	96
22) Chrysene	21.200	228	3626	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.682	252	3596	0.381	ng/ul	90
25) Benzo(k)fluoranthene	22.723	252	3562	0.365	ng/ul#	91
26) Benzo(a)pyrene	23.229	252	3099	0.375	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.461	276	3931	0.368	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.475	278	3033	0.352	ng/ul	93
29) Benzo(g,h,i)perylene	26.107	276	3527	0.387	ng/ul	95

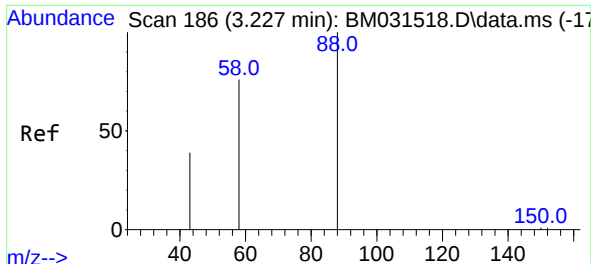
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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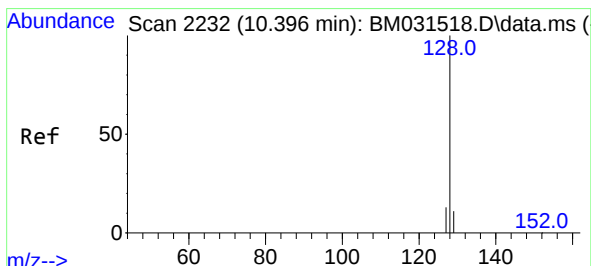
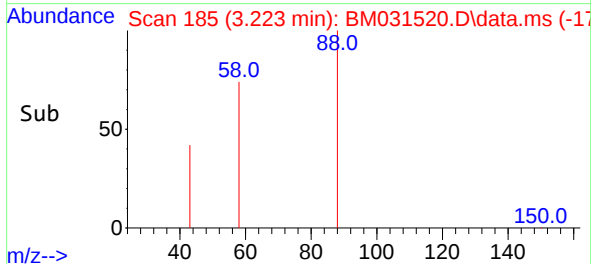
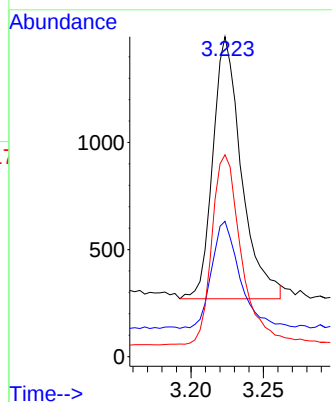
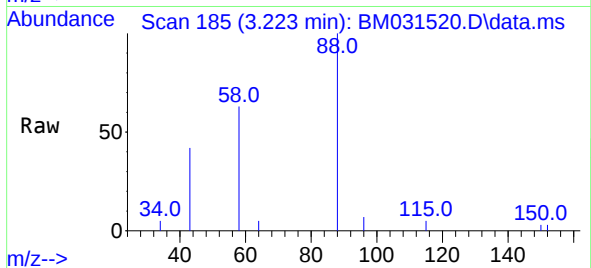




#2
1,4-Dioxane
Concen: 1.934 ng/ul
RT: 3.223 min Scan# 185
Delta R.T. -0.004 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

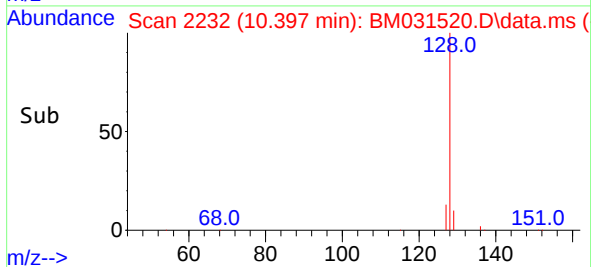
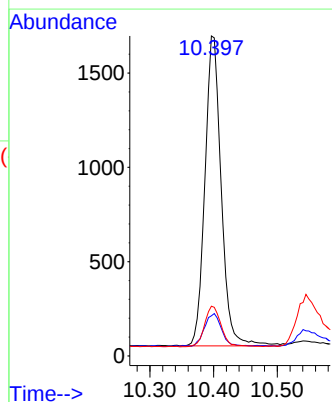
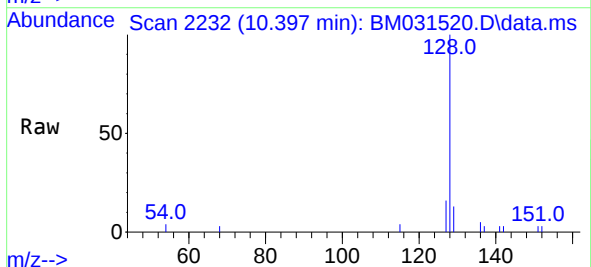
Instrument :
BNA_M
ClientSampleId :
SLCS020

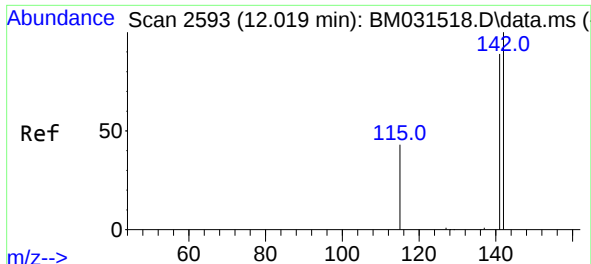
Tgt Ion: 88 Resp: 1686
Ion Ratio Lower Upper
88 100
43 42.3 29.7 44.5
58 63.1 35.6 53.4#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion: 128 Resp: 2923
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 15.6 11.6 17.4

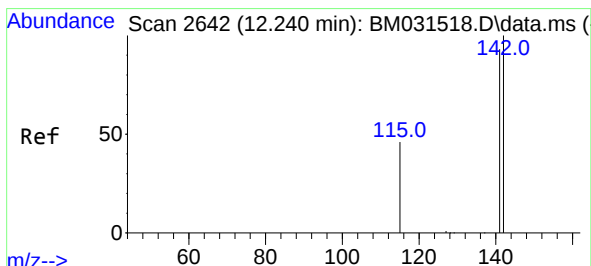
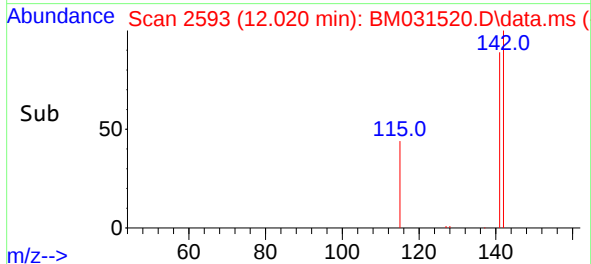
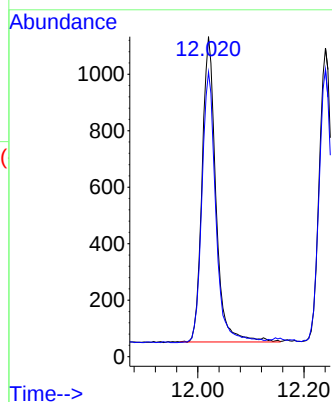
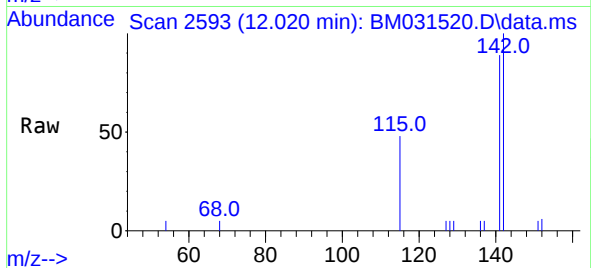




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. 0.001 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

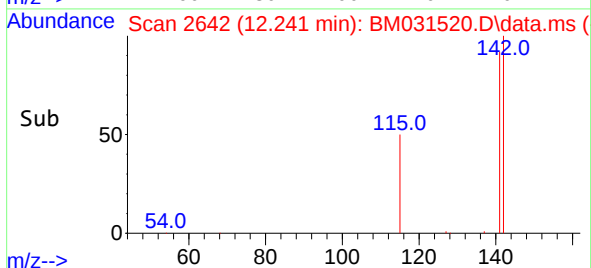
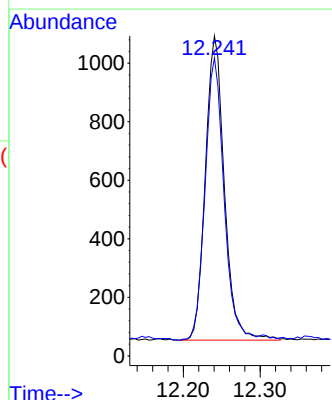
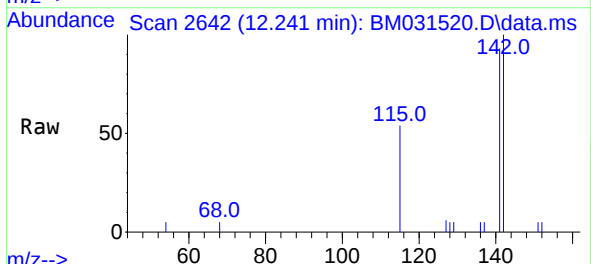
Instrument :
BNA_M
ClientSampleId :
SLCS020

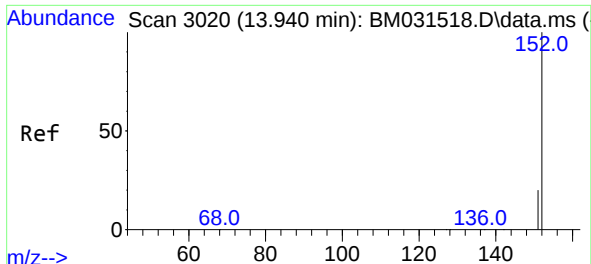
Tgt Ion:142 Resp: 1954
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:142 Resp: 1784
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1



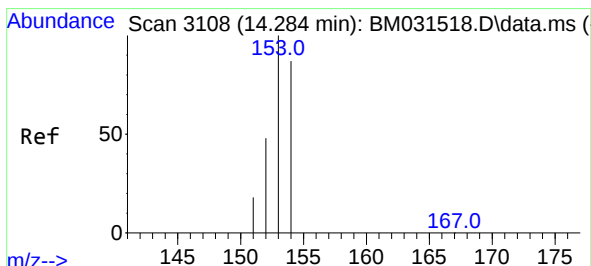
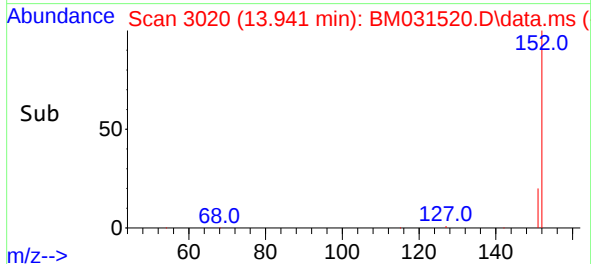
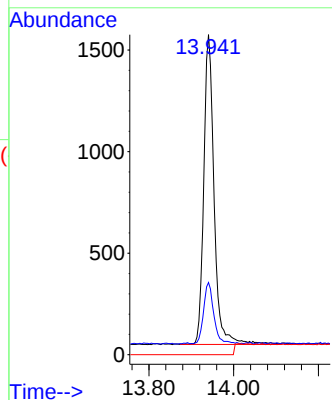
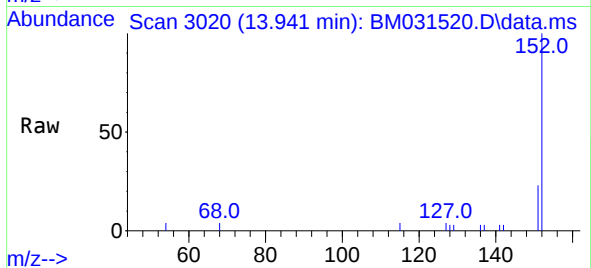


#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. 0.001 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Instrument :
BNA_M
ClientSampleId :
SLCS020

Tgt Ion:152 Resp: 2384

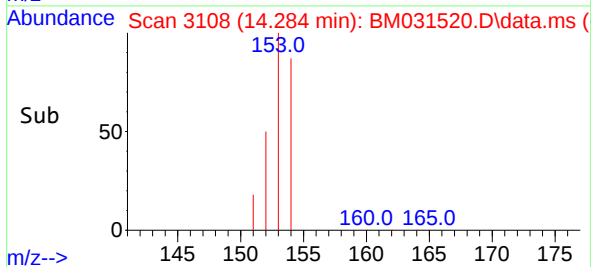
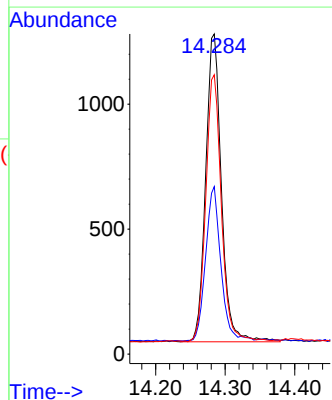
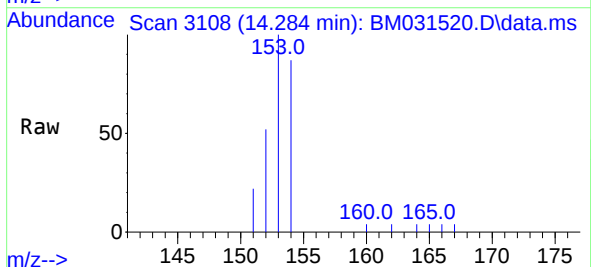
Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.9	25.3
153	0.0	0.0	0.0

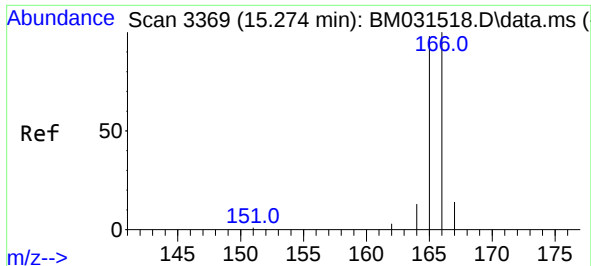


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.284 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:153 Resp: 1939

Ion	Ratio	Lower	Upper
153	100		
152	52.3	40.7	61.1
154	87.3	70.2	105.2



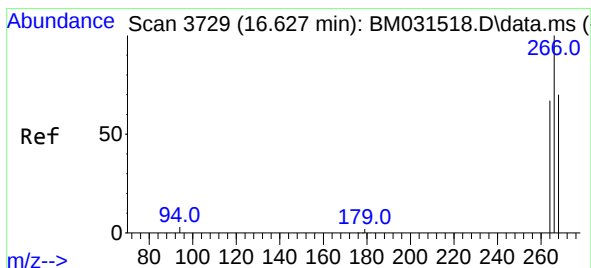
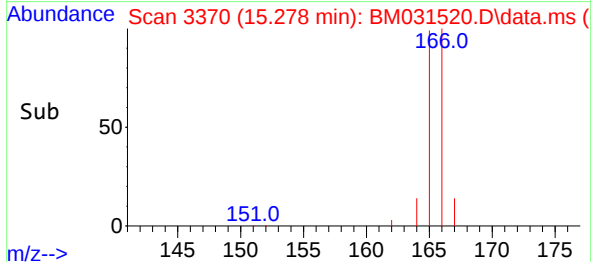
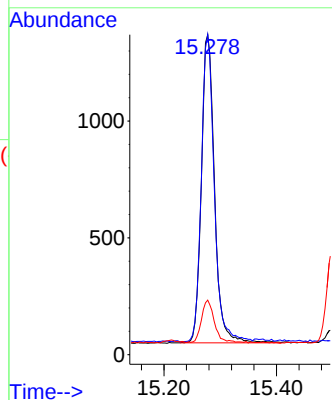
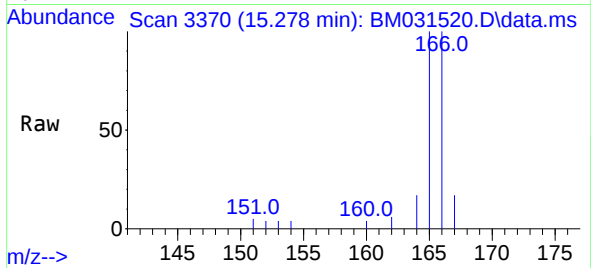


#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. 0.004 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Instrument :
BNA_M
ClientSampleId :
SLCS020

Tgt Ion:166 Resp: 2134

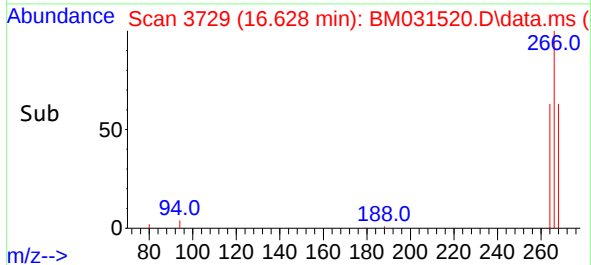
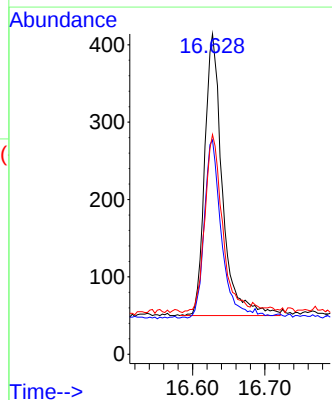
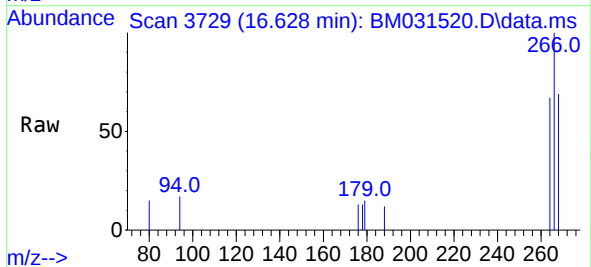
Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.0	117.0
167	17.1	12.0	18.0

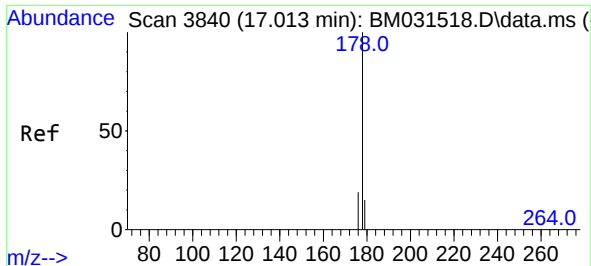


#14
Pentachlorophenol
Concen: 0.662 ng/ul
RT: 16.628 min Scan# 3729
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:266 Resp: 619

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.1	75.1
268	62.7	51.3	76.9

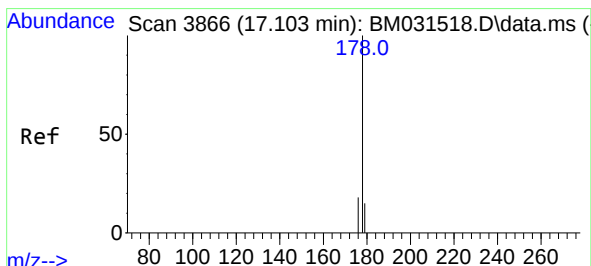
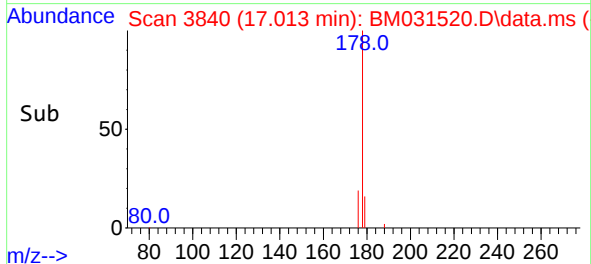
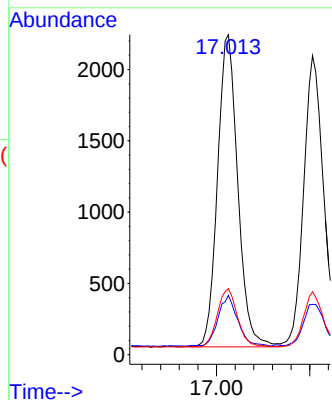
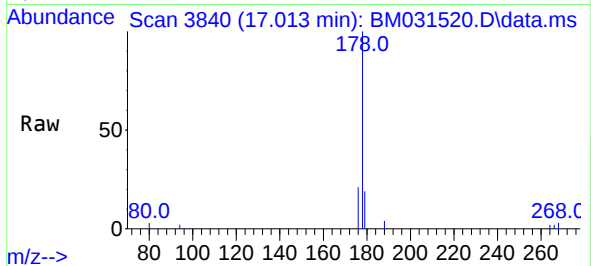




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.013 min Scan# 3840
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

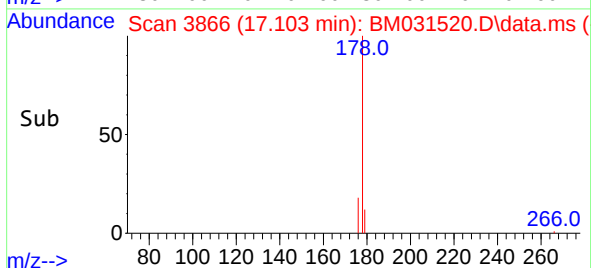
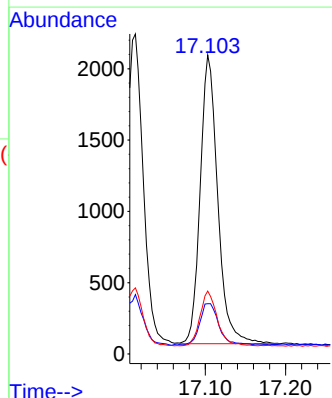
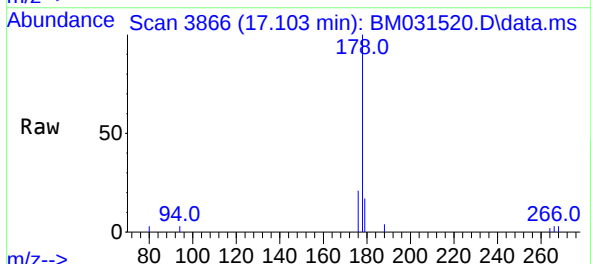
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ClientSampleId :
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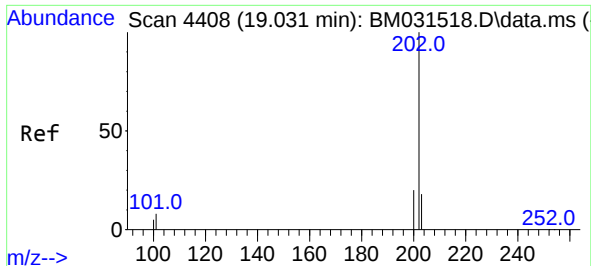
Tgt Ion:178	Resp:	3310
Ion Ratio	Lower	Upper
178	100	
179	18.6	13.3 19.9
176	20.7	16.2 24.4



#16
Anthracene
Concen: 0.355 ng/ul
RT: 17.103 min Scan# 3866
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:178	Resp:	3077
Ion Ratio	Lower	Upper
178	100	
179	16.8	13.0 19.6
176	21.0	15.6 23.4

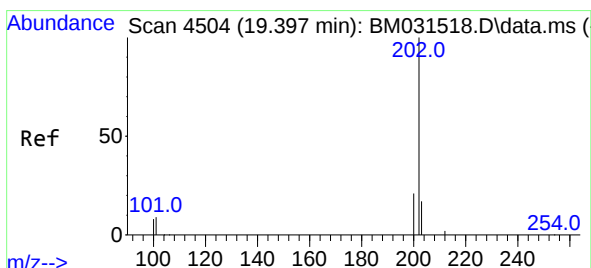
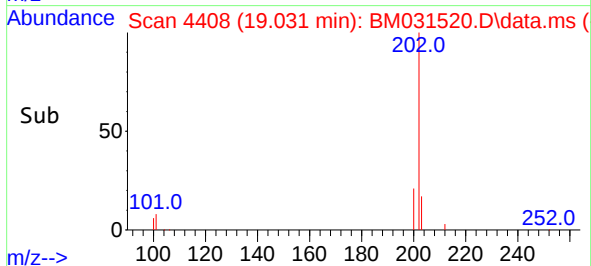
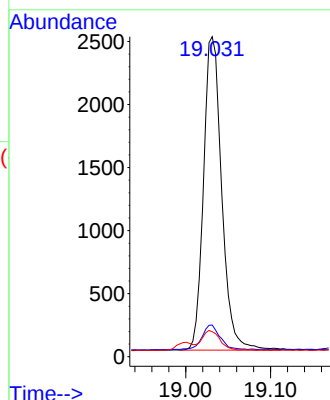
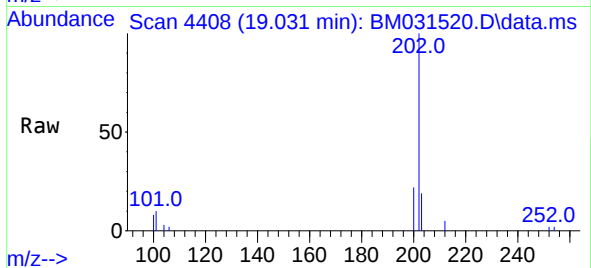




#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.031 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

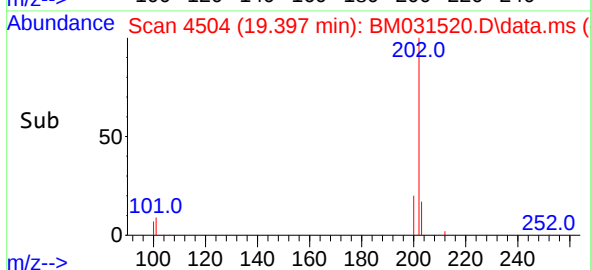
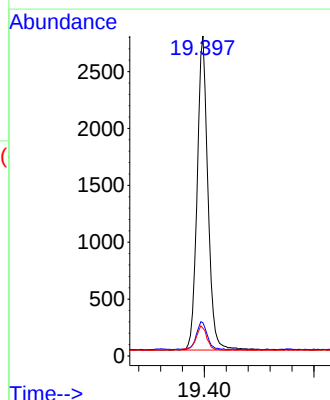
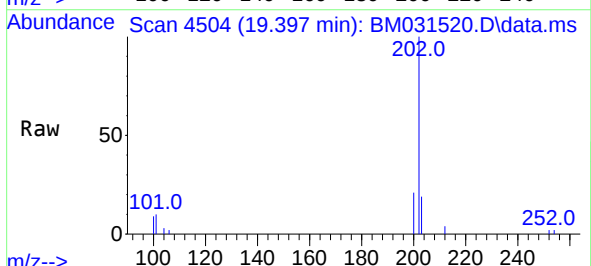
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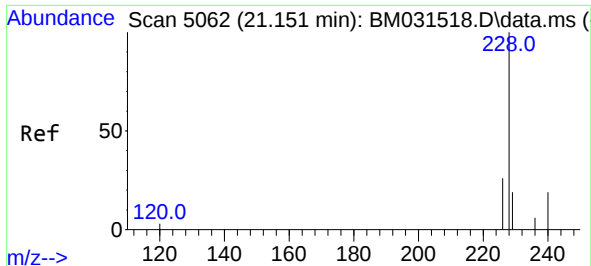
Tgt Ion:202	Resp:	3702
Ion Ratio	Lower	Upper
202	100	
101	9.9	6.6 10.0
100	7.8	5.4 8.0



#20
Pyrene
Concen: 0.384 ng/u1
RT: 19.397 min Scan# 4504
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:202	Resp:	3766
Ion Ratio	Lower	Upper
202	100	
101	10.4	7.8 11.6
100	8.7	6.6 10.0

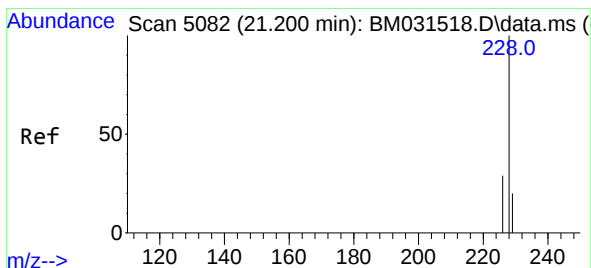
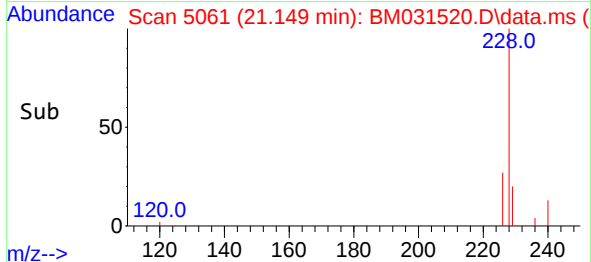
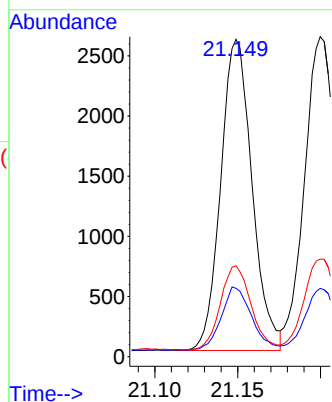
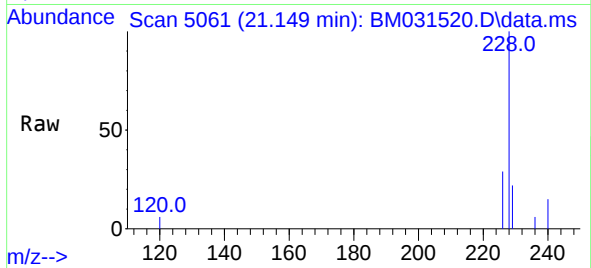




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.002 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

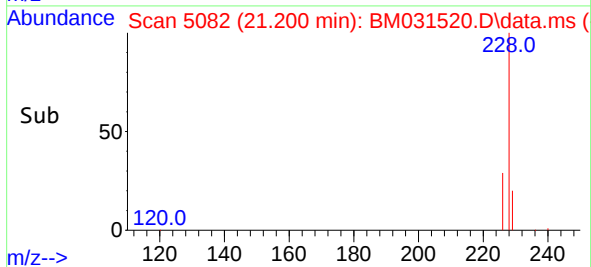
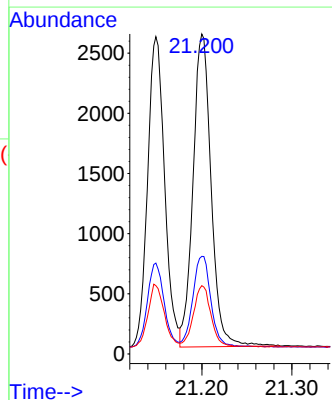
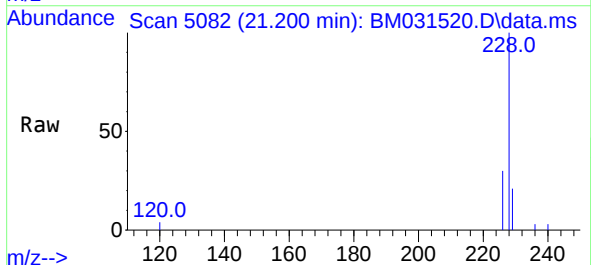
Instrument :
BNA_M
ClientSampled :
SLCS020

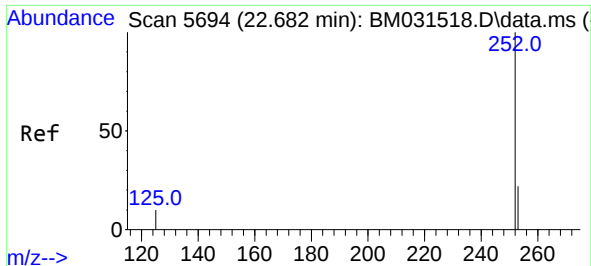
Tgt Ion:228	Resp:	3405
Ion Ratio	Lower	Upper
228	100	
229	21.5	15.6 23.4
226	28.6	21.7 32.5



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:228	Resp:	3626
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.7 37.1
229	21.4	16.2 24.2

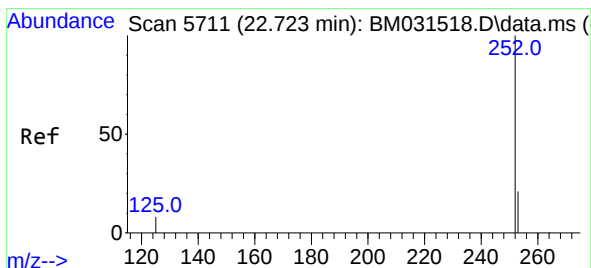
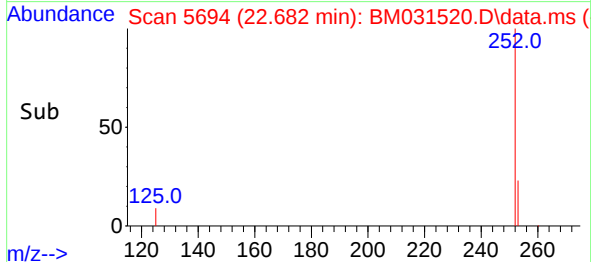
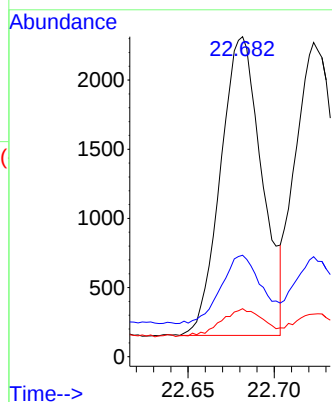
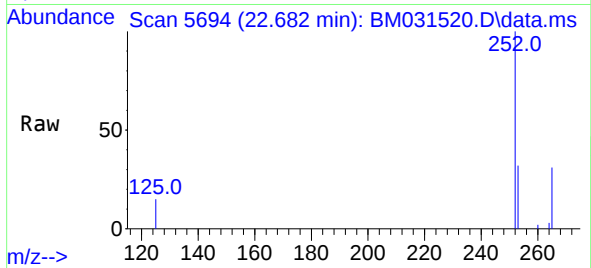




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 22.682 min Scan# 5694
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

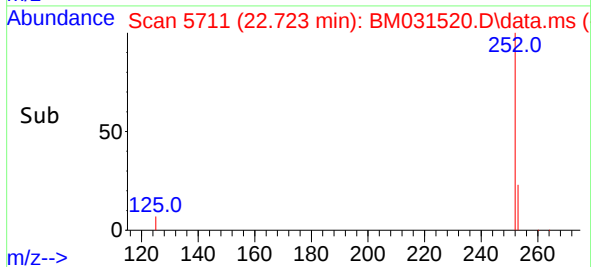
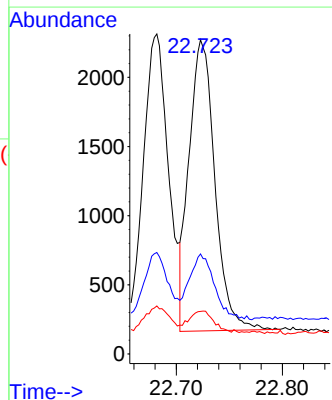
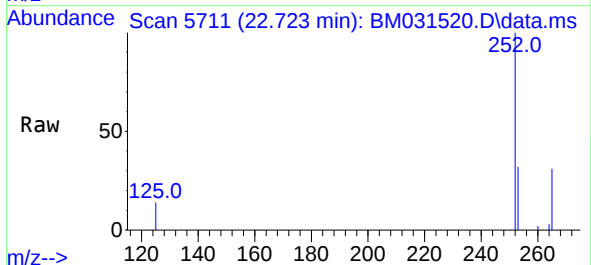
Instrument :
BNA_M
ClientSampleId :
SLCS020

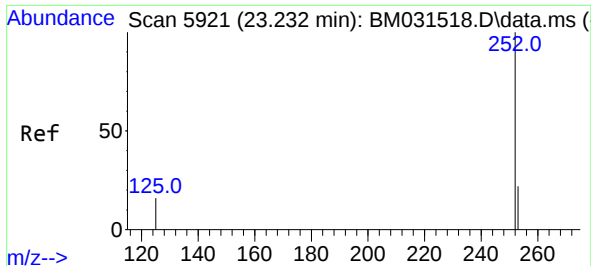
Tgt Ion:252	Resp:	3596
Ion Ratio	Lower	Upper
252	100	
253	31.7	0.0 53.0
125	15.0	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 22.723 min Scan# 5711
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

Tgt Ion:252	Resp:	3562
Ion Ratio	Lower	Upper
252	100	
253	31.9	21.3 31.9
125	13.6	8.8 13.2#

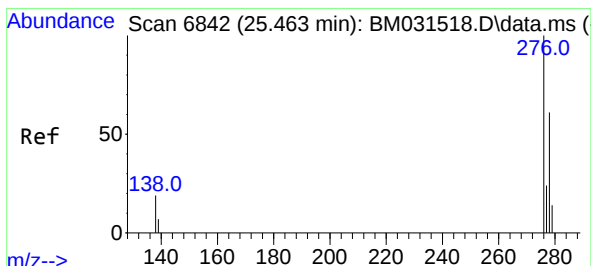
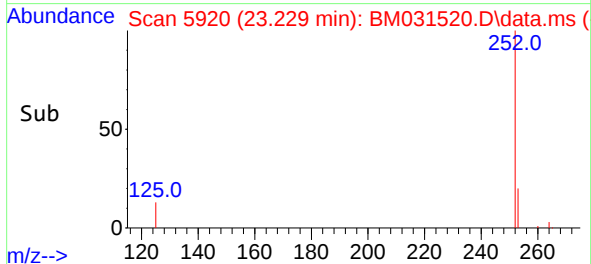
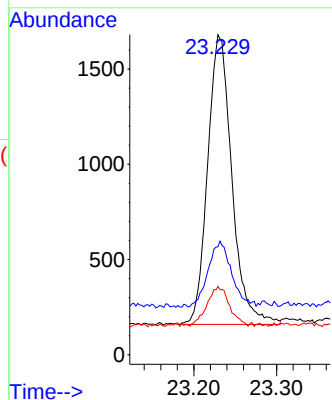
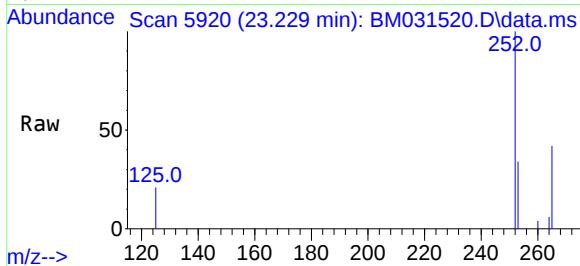




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.229 min Scan# 5920
Delta R.T. -0.002 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

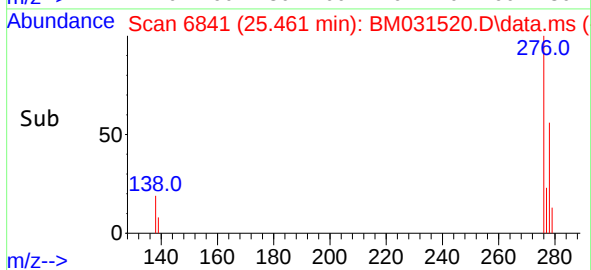
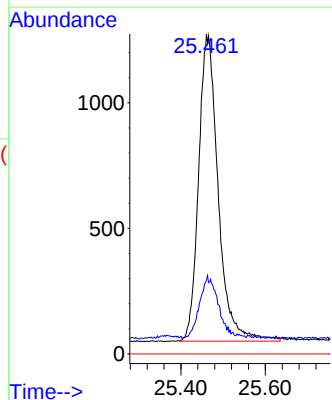
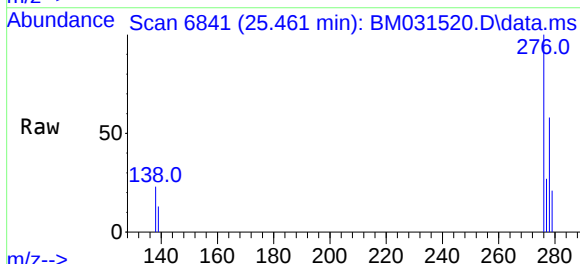
Instrument :
BNA_M
ClientSampleId :
SLCS020

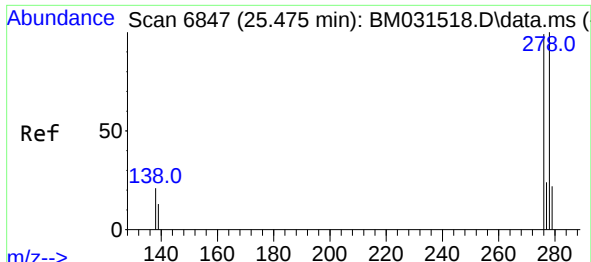
Tgt Ion:252	Resp:	3099
Ion Ratio	Lower	Upper
252	100	
253	33.8	22.4 33.6#
125	21.3	13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.002 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

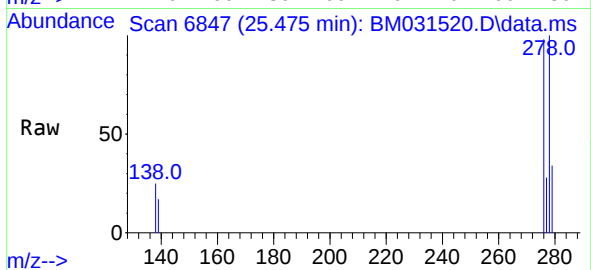
Tgt Ion:276	Resp:	3931
Ion Ratio	Lower	Upper
276	100	
138	19.0	15.8 23.8
227	0.0	0.0 0.0



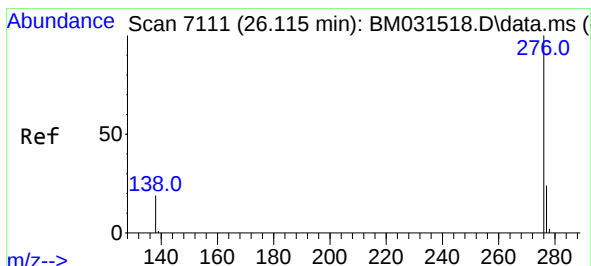
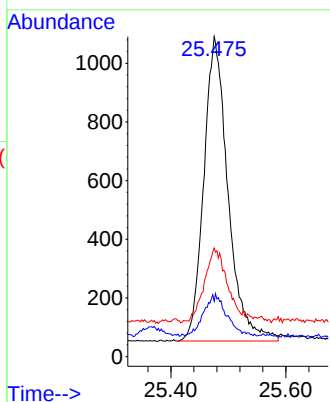
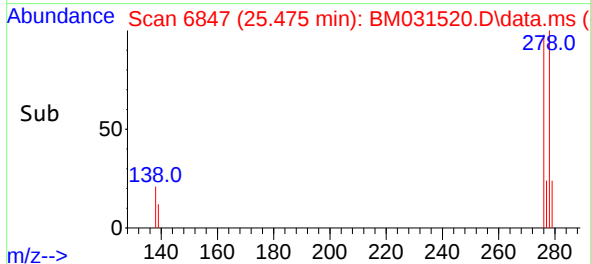


#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. 0.000 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50

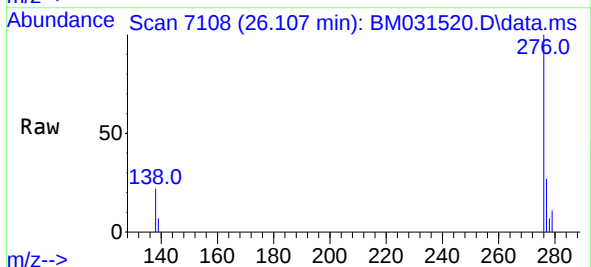
Instrument :
BNA_M
ClientSampleId :
SLCS020



Tgt Ion:278 Resp: 3033
Ion Ratio Lower Upper
278 100
139 17.3 13.3 19.9
279 33.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.107 min Scan# 7108
Delta R.T. -0.007 min
Lab File: BM031520.D
Acq: 06 Aug 2021 17:50



Tgt Ion:276 Resp: 3527
Ion Ratio Lower Upper
276 100
138 21.8 15.4 23.2
277 26.9 19.9 29.9

