

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031559.D
 Acq On : 07 Aug 2021 20:21
 Operator : CG/JU
 Sample : PB138086BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS086

Quant Time: Aug 08 08:41:10 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 : Sun Aug 08 08:38:58 2021
 Response via : Initial Calibration

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

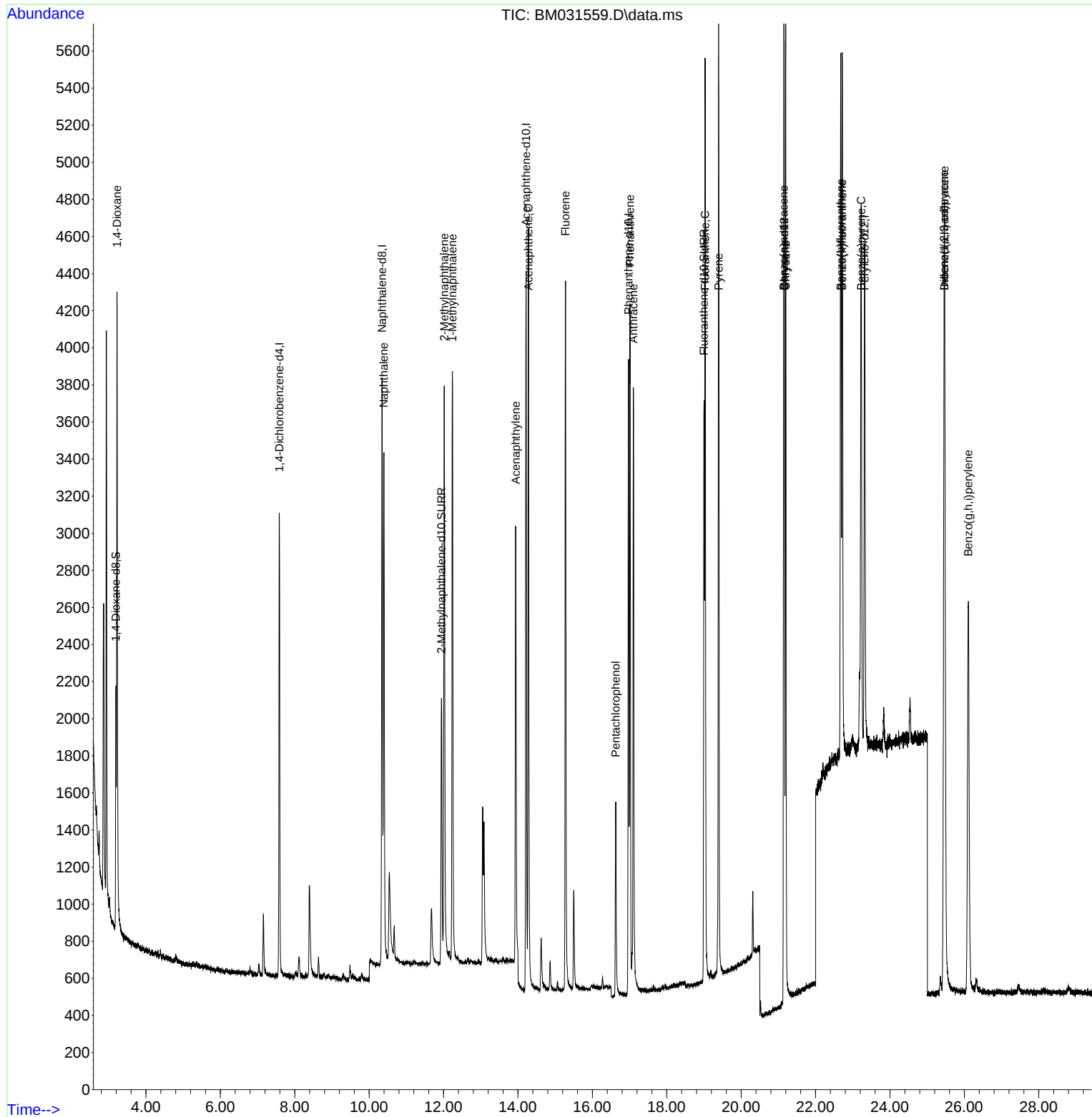
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4525	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2408	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	4487	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	3479	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	3439	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	854	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	2274	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	3877	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.220	88	2162	1.528	ng/ul#	77
5) Naphthalene	10.397	128	4034	0.299	ng/ul	98
7) 2-Methylnaphthalene	12.020	142	2637	0.286	ng/ul	99
8) 1-Methylnaphthalene	12.241	142	2397	0.263	ng/ul	100
10) Acenaphthylene	13.941	152	3242	0.316	ng/ul	99
11) Acenaphthene	14.281	153	2559	0.296	ng/ul	100
12) Fluorene	15.278	166	2796	0.281	ng/ul	98
14) Pentachlorophenol	16.628	266	810	0.564	ng/ul	99
15) Phenanthrene	17.013	178	4257	0.299	ng/ul	99
16) Anthracene	17.103	178	4023	0.302	ng/ul	98
19) Fluoranthene	19.031	202	4762	0.321	ng/ul#	93
20) Pyrene	19.394	202	4852	0.322	ng/ul#	94
21) Benzo(a)anthracene	21.144	228	4455	0.317	ng/ul	97
22) Chrysene	21.195	228	4632	0.319	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	4761	0.307	ng/ul	91
25) Benzo(k)fluoranthene	22.716	252	4787	0.299	ng/ul#	92
26) Benzo(a)pyrene	23.224	252	4194	0.309	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.456	276	5354	0.305	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.468	278	4235	0.300	ng/ul#	95
29) Benzo(g,h,i)perylene	26.108	276	4604	0.308	ng/ul#	95

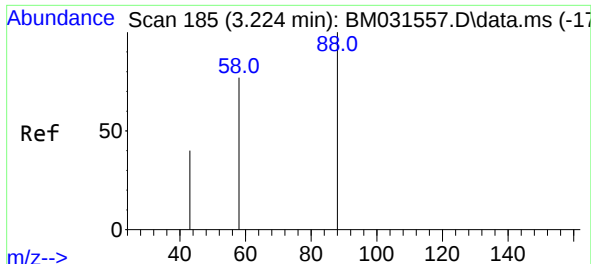
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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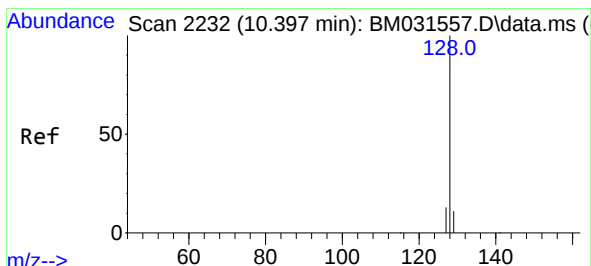
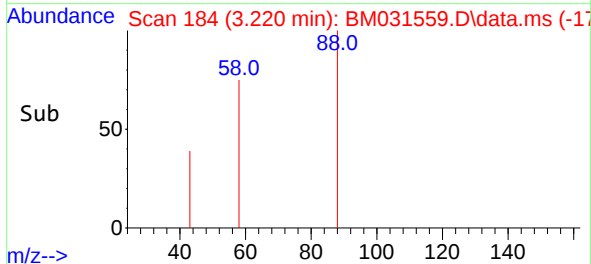
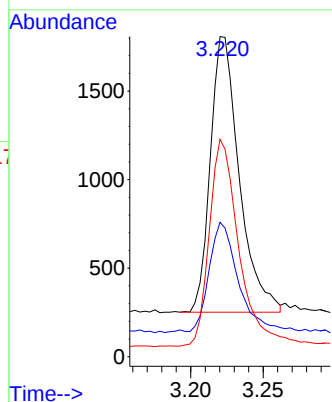
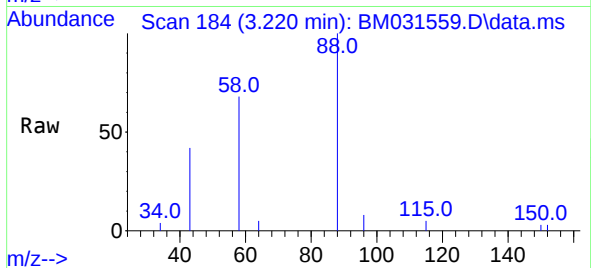




#2
1,4-Dioxane
Concen: 1.528 ng/ul
RT: 3.220 min Scan# 184
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

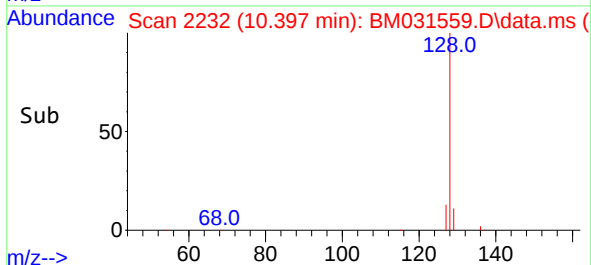
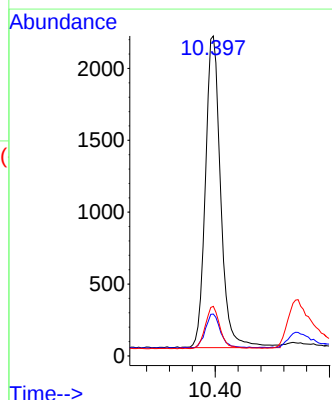
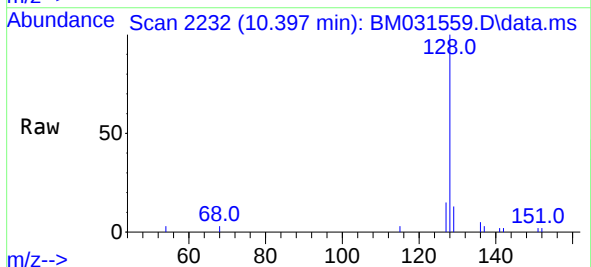
Instrument :
BNA_M
ClientSampleId :
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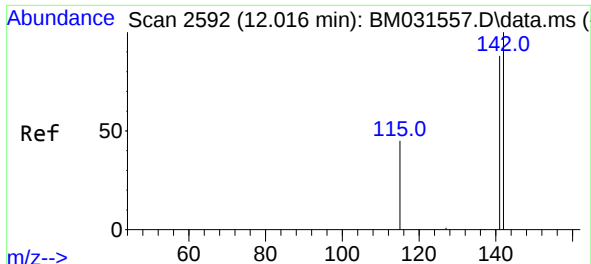
Tgt Ion: 88 Resp: 2162
Ion Ratio Lower Upper
88 100
43 42.0 29.7 44.5
58 67.9 35.6 53.4#



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion: 128 Resp: 4034
Ion Ratio Lower Upper
128 100
129 13.1 10.0 15.0
127 15.5 11.6 17.4

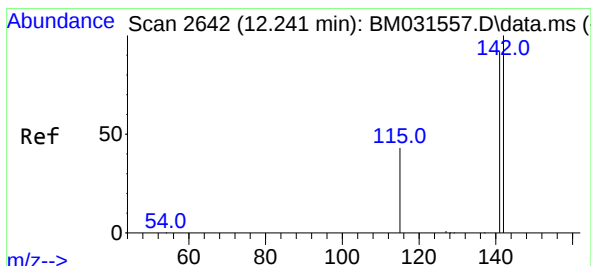
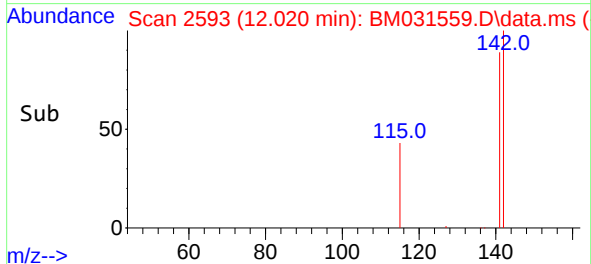
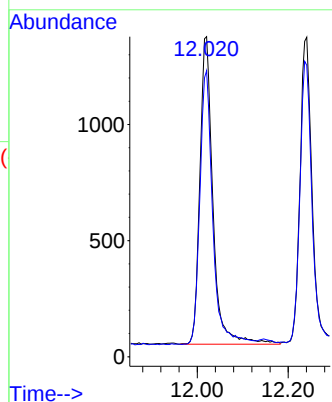
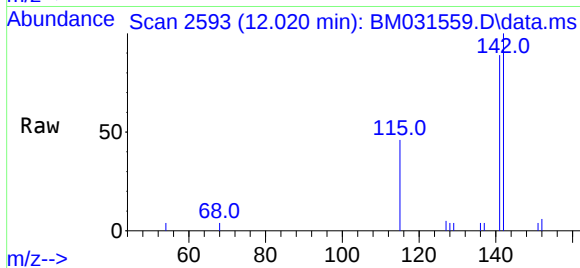




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. 0.001 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

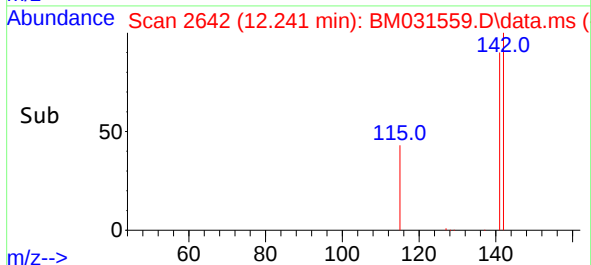
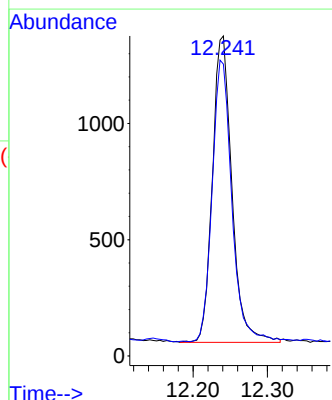
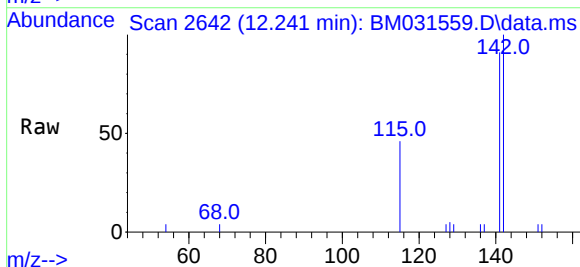
Instrument :
BNA_M
ClientSampleId :
SLCS086

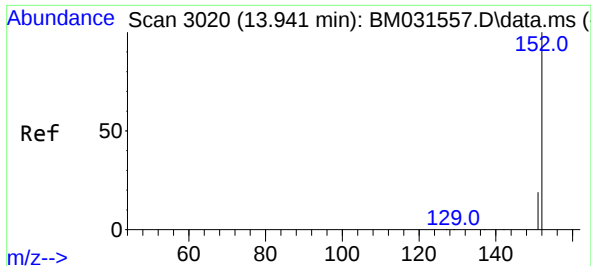
Tgt Ion:142 Resp: 2637
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:142 Resp: 2397
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

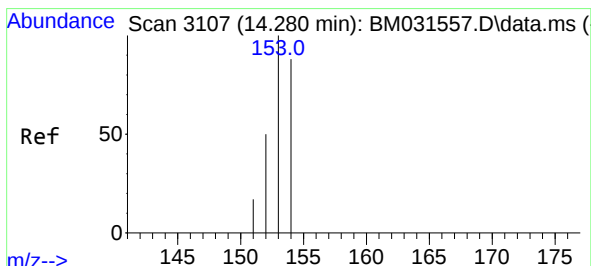
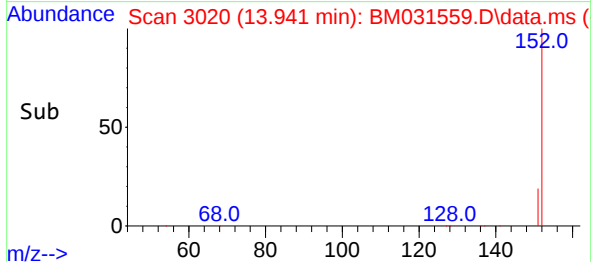
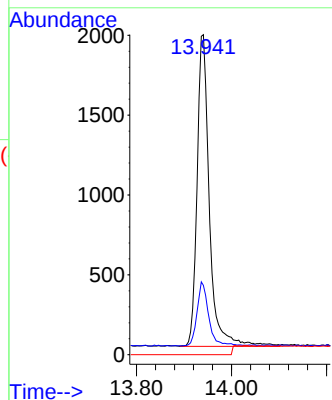
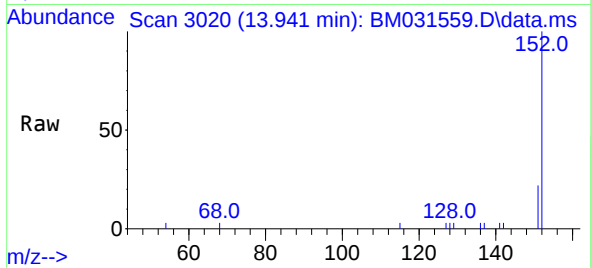




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. 0.001 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

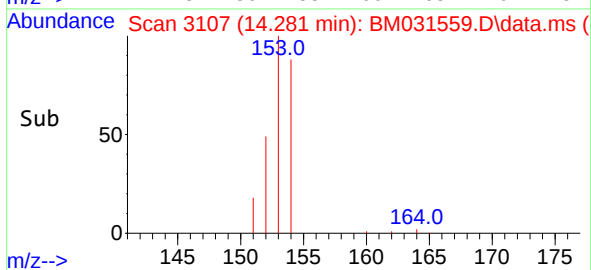
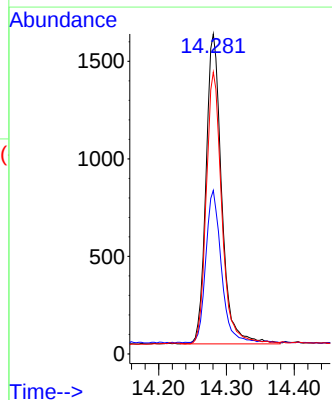
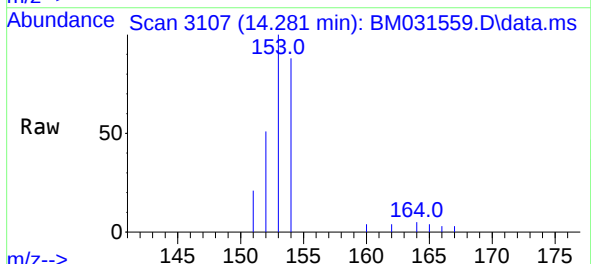
Instrument :
BNA_M
ClientSampleId :
SLCS086

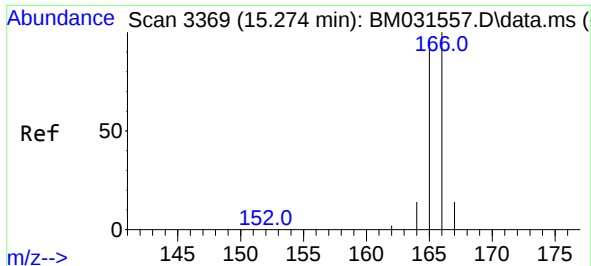
Tgt Ion:152	Resp:	3242
Ion Ratio	Lower	Upper
152	100	
151	21.7	16.9 25.3
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:153	Resp:	2559
Ion Ratio	Lower	Upper
153	100	
152	51.1	40.7 61.1
154	88.0	70.2 105.2



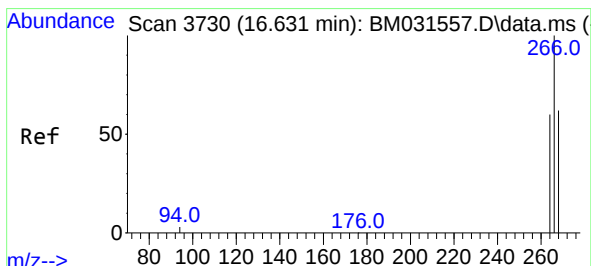
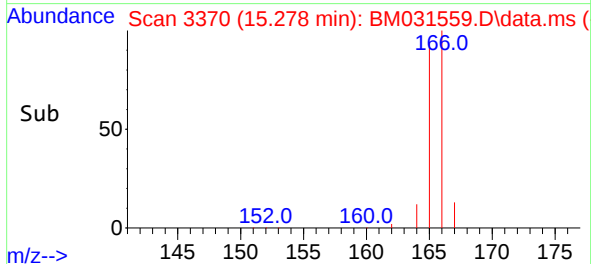
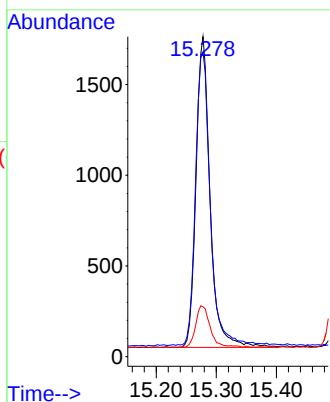
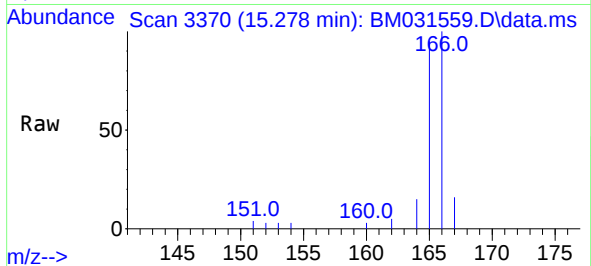


#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. 0.004 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:166 Resp: 2796

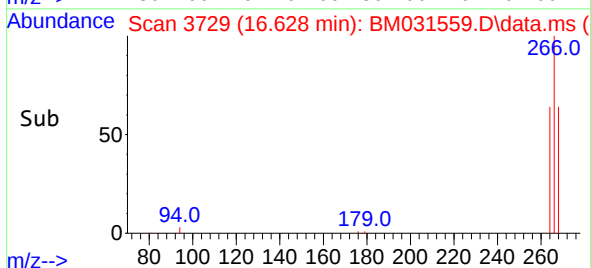
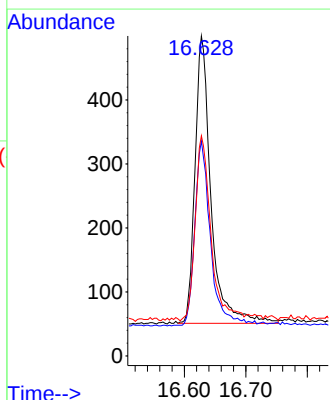
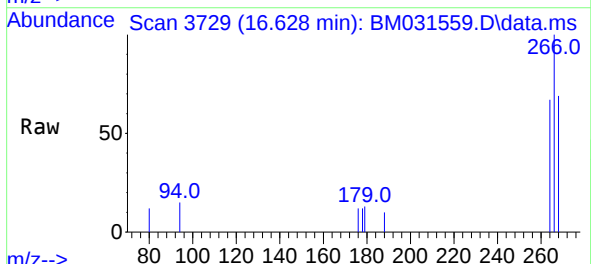
Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.0	117.0
167	15.6	12.0	18.0

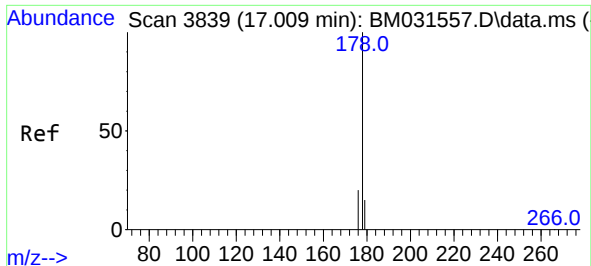


#14
Pentachlorophenol
Concen: 0.564 ng/ul
RT: 16.628 min Scan# 3729
Delta R.T. 0.000 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:266 Resp: 810

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.1	75.1
268	65.4	51.3	76.9

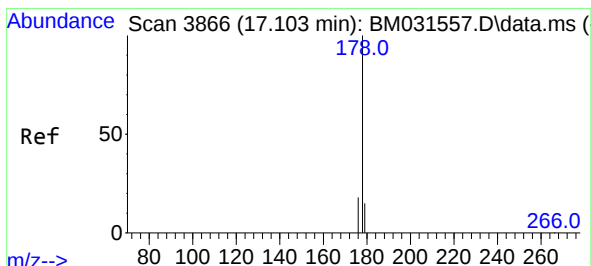
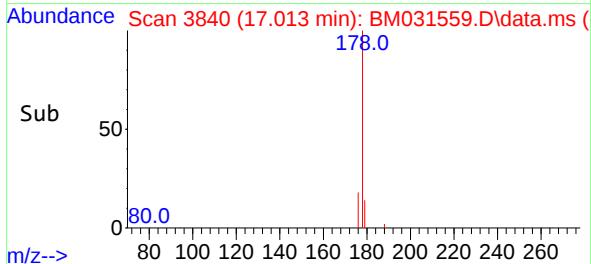
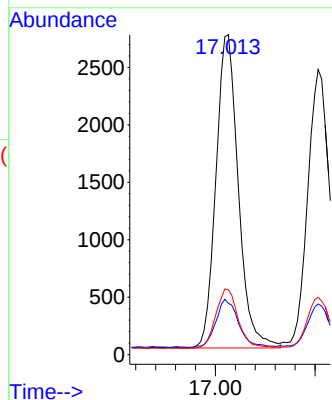
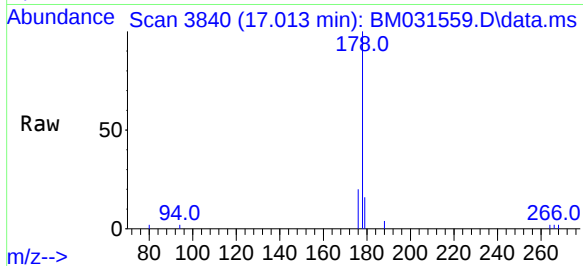




#15
Phenanthrene
Concen: 0.299 ng/u1
RT: 17.013 min Scan# 3840
Delta R.T. 0.000 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

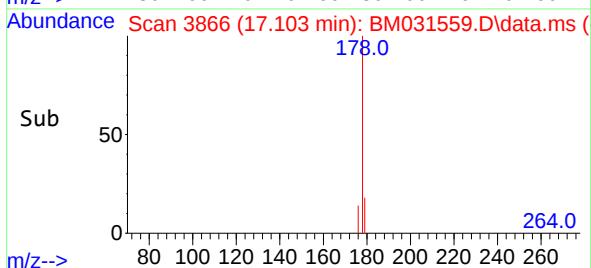
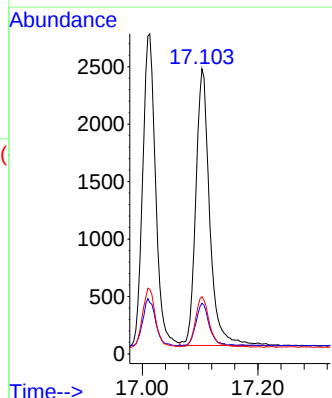
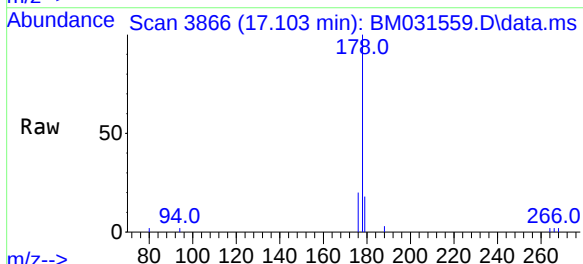
Instrument :
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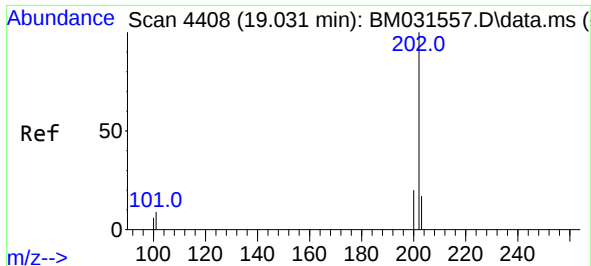
Tgt Ion:	178	Resp:	4257
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.3	19.9
176	20.3	16.2	24.4



#16
Anthracene
Concen: 0.302 ng/u1
RT: 17.103 min Scan# 3866
Delta R.T. 0.000 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:	178	Resp:	4023
Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	20.1	15.6	23.4

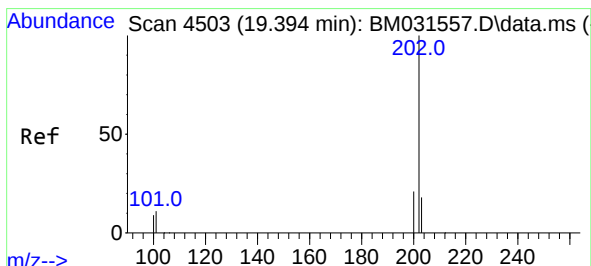
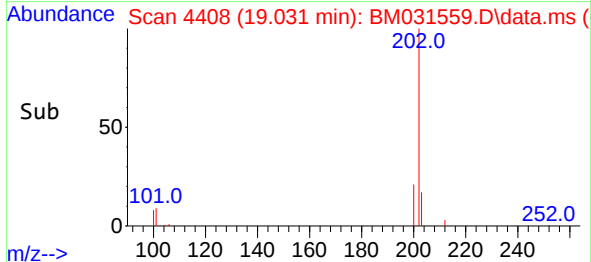
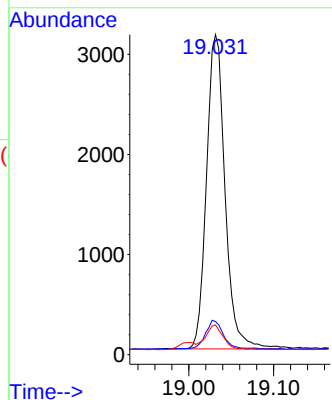
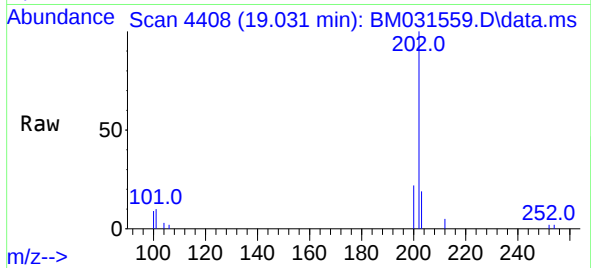




#19
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

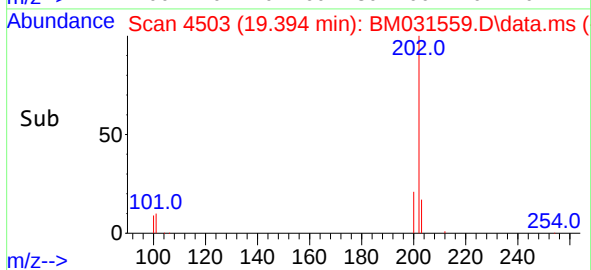
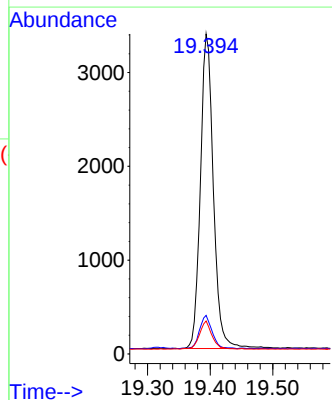
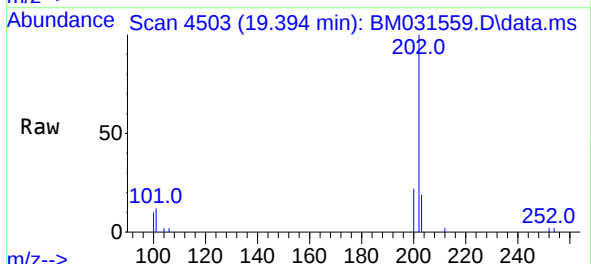
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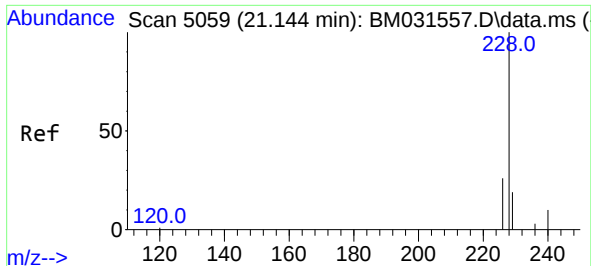
Tgt Ion:	202	Resp:	4762
Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.6	10.0#
100	9.3	5.4	8.0#



#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:	202	Resp:	4852
Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.8	11.6#
100	10.3	6.6	10.0#

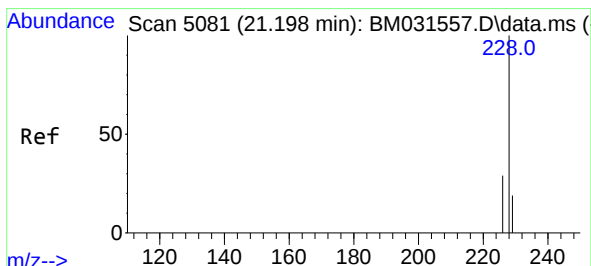
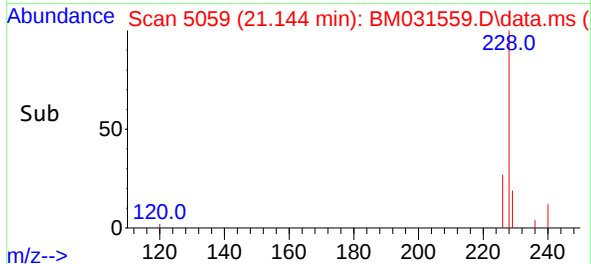
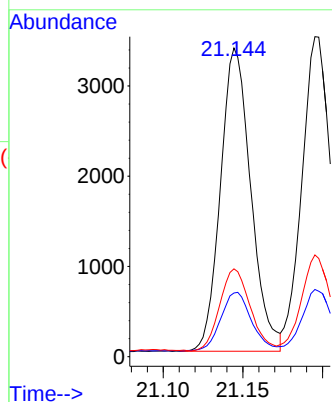
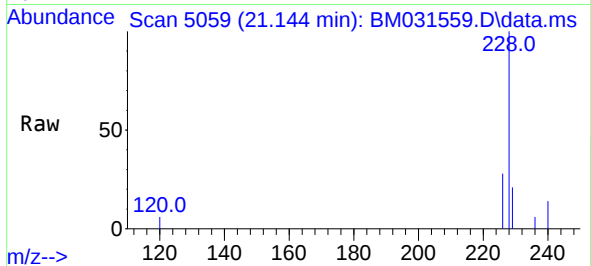




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

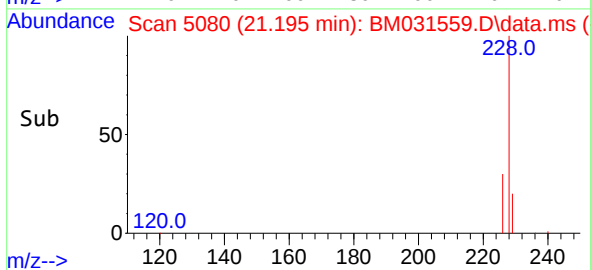
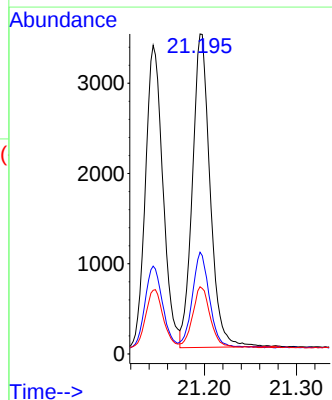
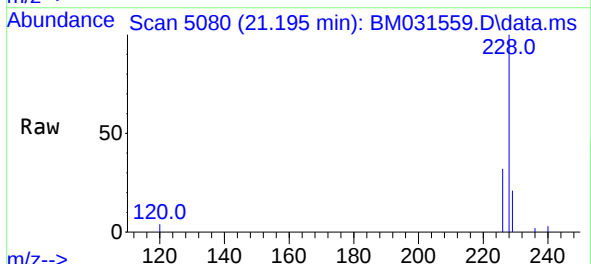
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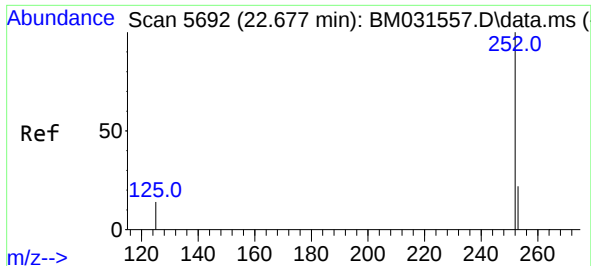
Tgt Ion:228	Resp:	4455
Ion	Ratio	Lower Upper
228	100	
229	20.7	15.6 23.4
226	28.5	21.7 32.5



#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:228	Resp:	4632
Ion	Ratio	Lower Upper
228	100	
226	31.8	24.7 37.1
229	21.0	16.2 24.2

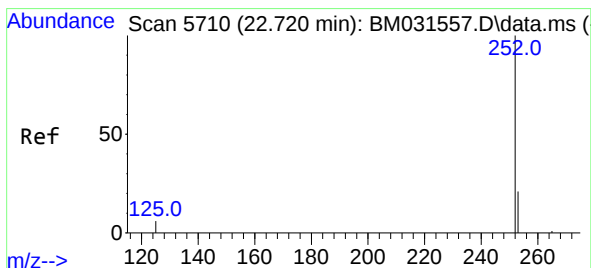
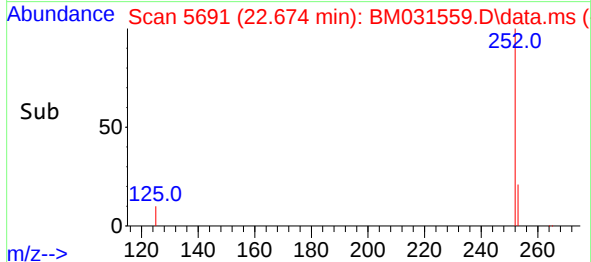
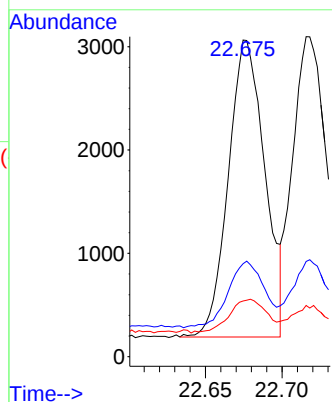
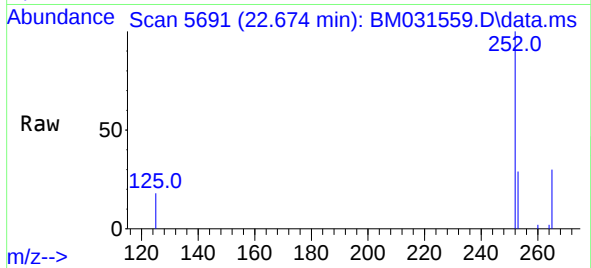




#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

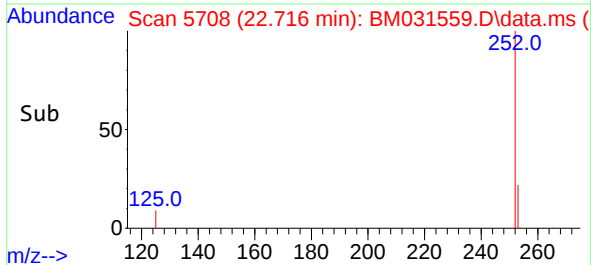
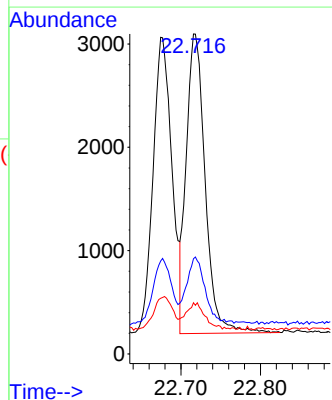
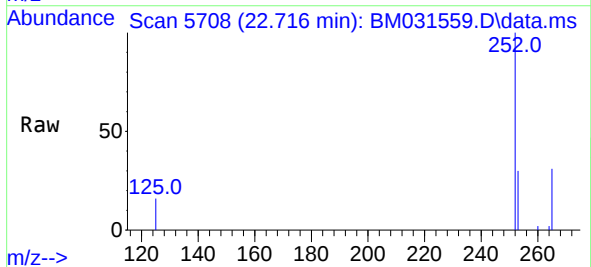
Instrument :
BNA_M
ClientSampleId :
SLCS086

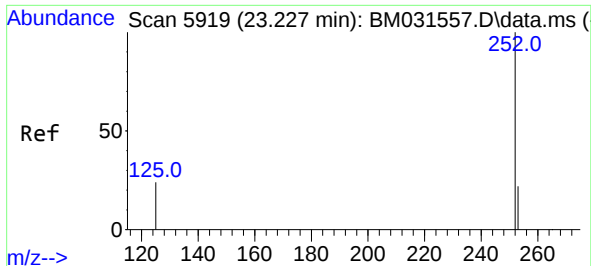
Tgt Ion:252	Resp:	4761
Ion Ratio	Lower	Upper
252	100	
253	29.4	0.0 53.0
125	17.6	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:252	Resp:	4787
Ion Ratio	Lower	Upper
252	100	
253	29.8	21.3 31.9
125	16.0	8.8 13.2#

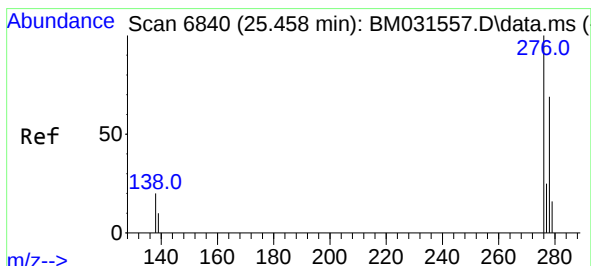
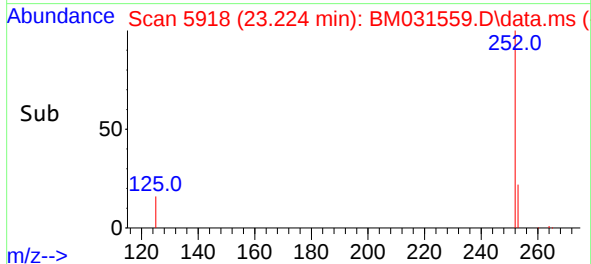
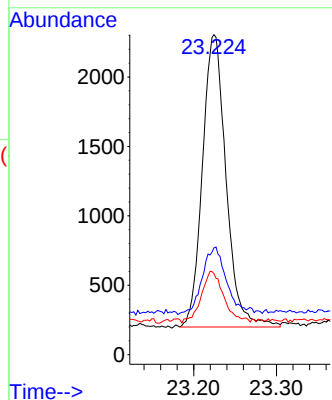
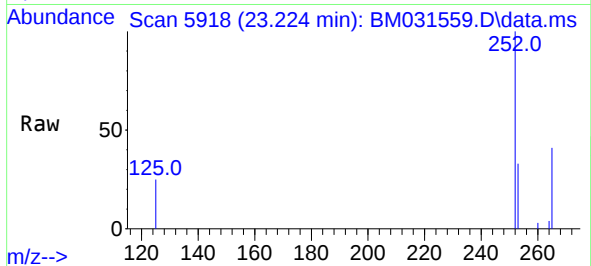




#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

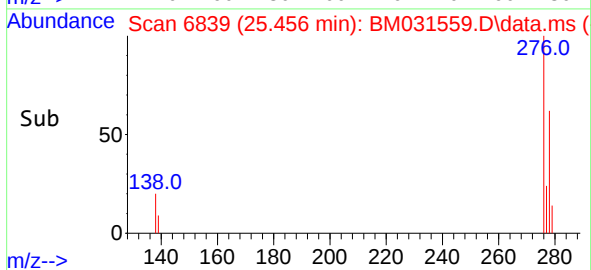
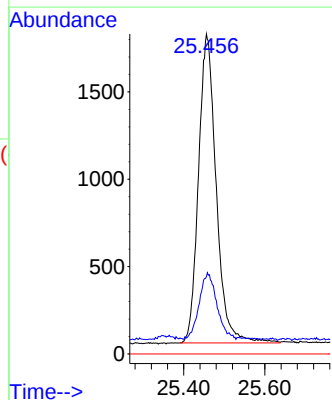
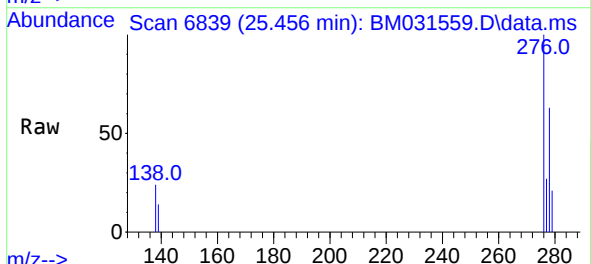
Instrument :
BNA_M
ClientSampleId :
SLCS086

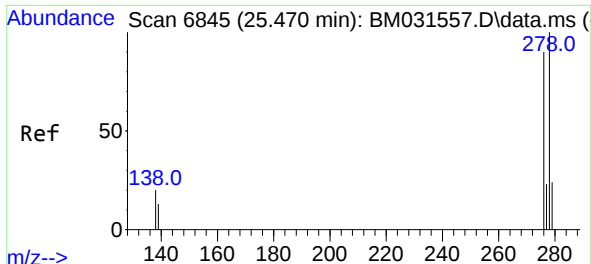
Tgt Ion:252	Resp:	4194
Ion Ratio	Lower	Upper
252	100	
253	33.4	22.4 33.6
125	25.4	13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:276	Resp:	5354
Ion Ratio	Lower	Upper
276	100	
138	21.5	15.8 23.8
227	0.0	0.0 0.0

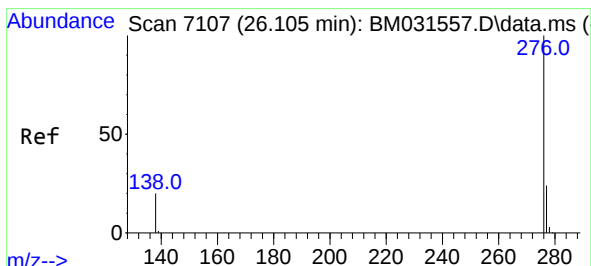
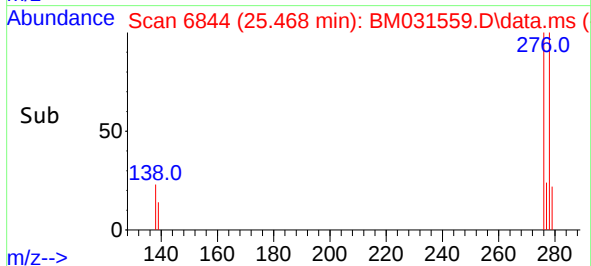
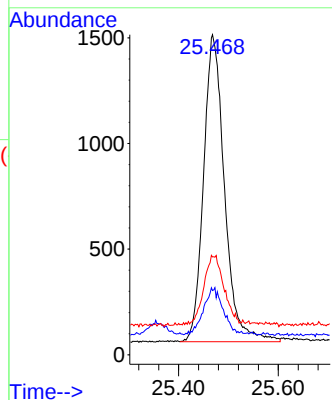
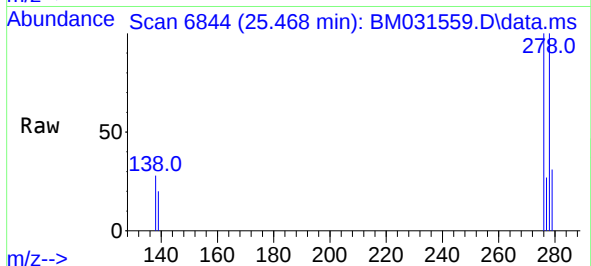




#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Instrument :
BNA_M
ClientSampled :
SLCS086

Tgt Ion:278 Resp: 4235
Ion Ratio Lower Upper
278 100
139 20.1 13.3 19.9#
279 30.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 26.108 min Scan# 7108
Delta R.T. -0.007 min
Lab File: BM031559.D
Acq: 07 Aug 2021 20:21

Tgt Ion:276 Resp: 4604
Ion Ratio Lower Upper
276 100
138 23.2 15.4 23.2#
277 26.4 19.9 29.9

