

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031670.D
 Acq On : 12 Aug 2021 10:39
 Operator : CG/JU
 Sample : PB138138BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS138

Quant Time: Aug 12 11:28:17 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 : Thu Aug 12 11:27:44 2021
 Response via : Initial Calibration

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

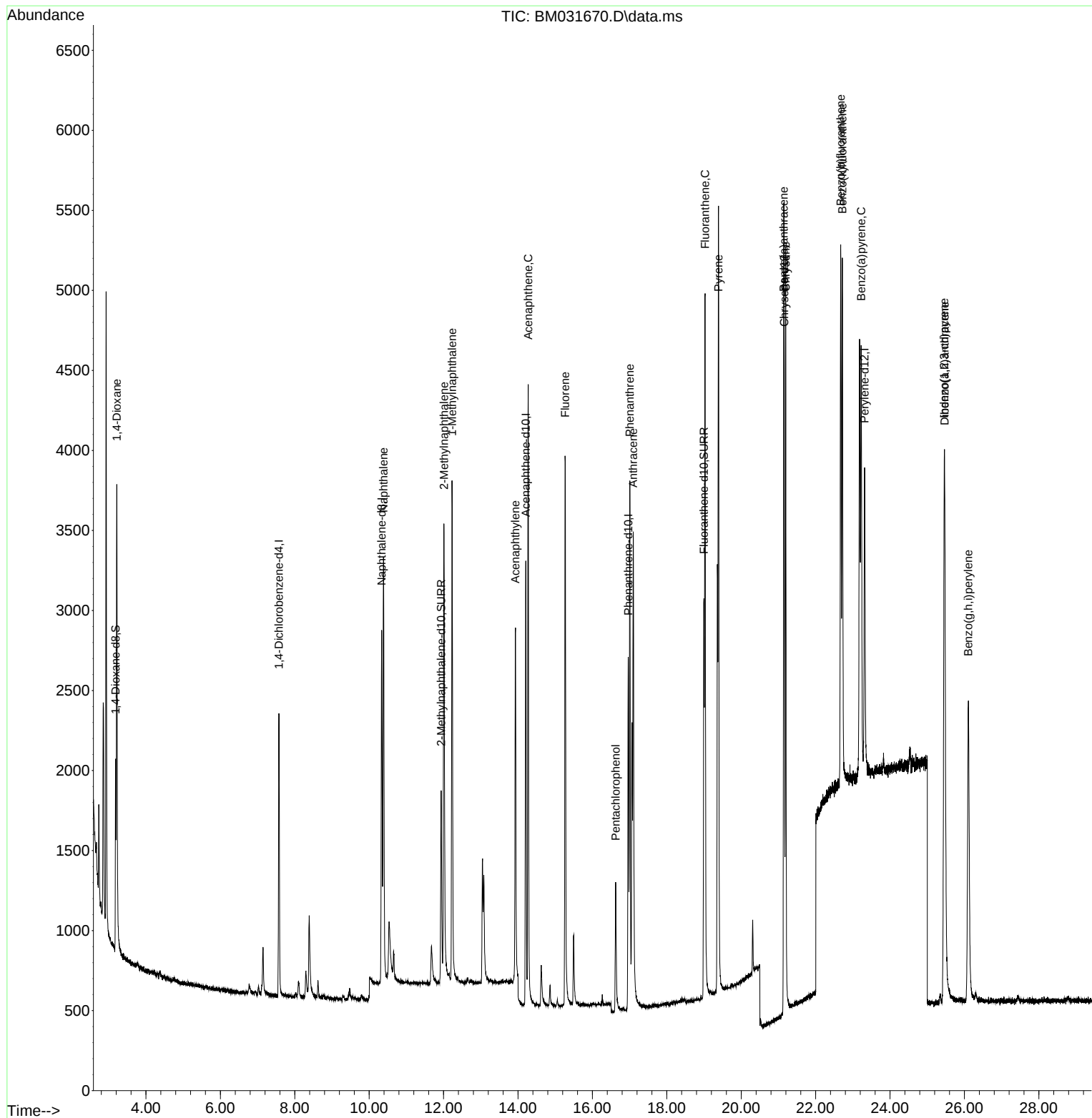
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	3306	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.209	164	1678	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	3140	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	2458	0.400	ng/ul #	0.00
23) Perylene-d12	23.317	264	2386	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	745	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1946	0.349	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3235	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	1858	1.781	ng/ul#	78
5) Naphthalene	10.383	128	3929	0.399	ng/ul	98
7) 2-Methylnaphthalene	12.011	142	2526	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	2360	0.355	ng/ul	98
10) Acenaphthylene	13.932	152	3019	0.422	ng/ul	99
11) Acenaphthene	14.273	153	2419	0.402	ng/ul	99
12) Fluorene	15.270	166	2607	0.377	ng/ul	99
14) Pentachlorophenol	16.628	266	707	0.703	ng/ul	99
15) Phenanthrene	17.006	178	3891	0.390	ng/ul	99
16) Anthracene	17.096	178	3751	0.402	ng/ul	97
19) Fluoranthene	19.028	202	4435	0.423	ng/ul#	94
20) Pyrene	19.390	202	4602	0.432	ng/ul#	95
21) Benzo(a)anthracene	21.144	228	4048	0.408	ng/ul	96
22) Chrysene	21.195	228	4294	0.418	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	4253	0.396	ng/ul	89
25) Benzo(k)fluoranthene	22.718	252	4402	0.396	ng/ul#	90
26) Benzo(a)pyrene	23.225	252	3775	0.401	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.456	276	4851	0.399	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.468	278	3756	0.383	ng/ul	91
29) Benzo(g,h,i)perylene	26.105	276	4226	0.407	ng/ul#	92

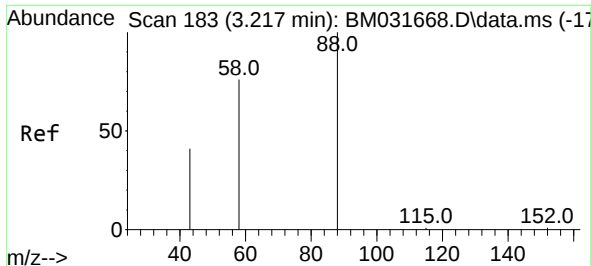
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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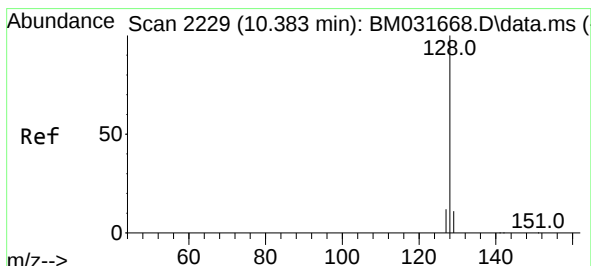
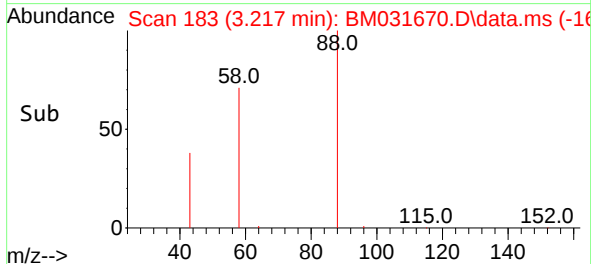
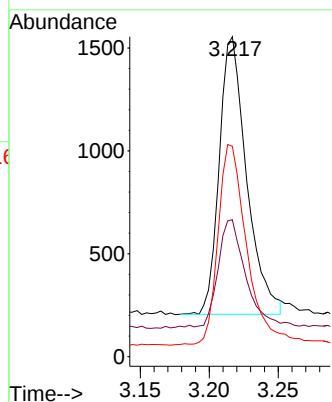
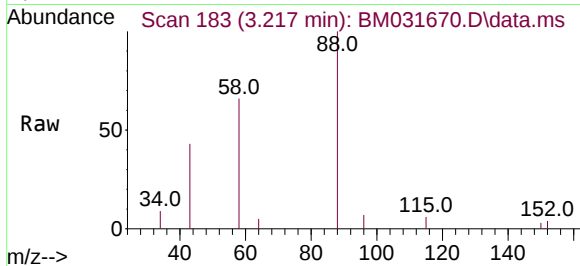




#2
1,4-Dioxane
Concen: 1.781 ng/ul
RT: 3.217 min Scan# 183
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

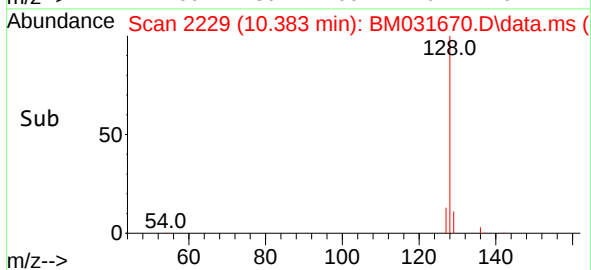
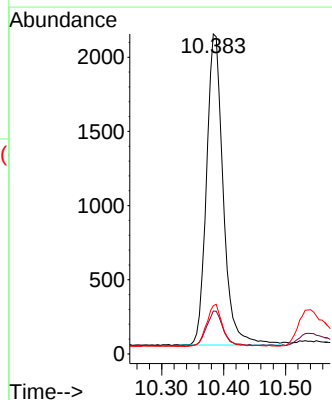
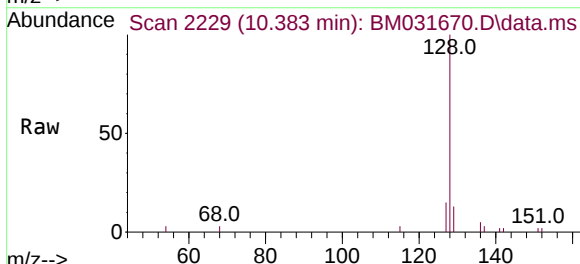
Instrument :
BNA_M
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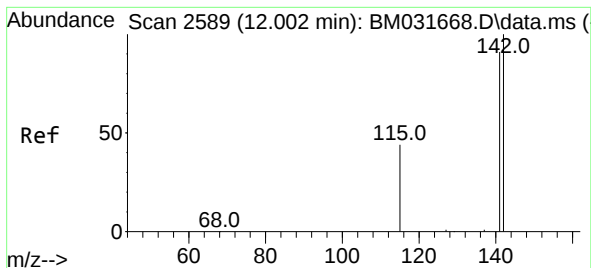
Tgt Ion: 88 Resp: 1858
Ion Ratio Lower Upper
88 100
43 42.8 29.7 44.5
58 65.7 35.6 53.4#



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion: 128 Resp: 3929
Ion Ratio Lower Upper
128 100
129 13.4 10.0 15.0
127 15.1 11.6 17.4

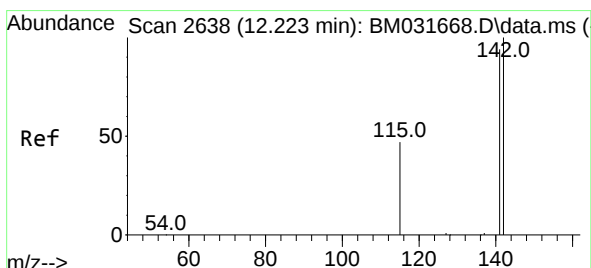
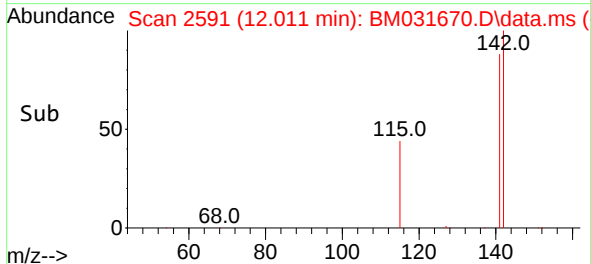
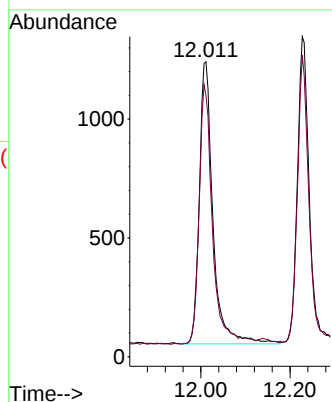
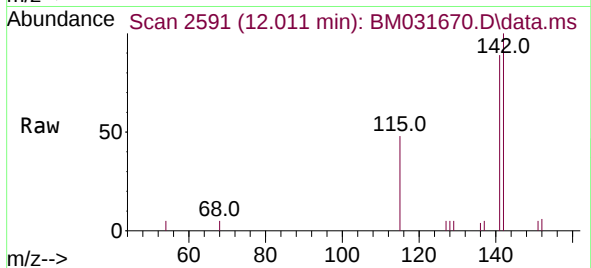




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.009 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

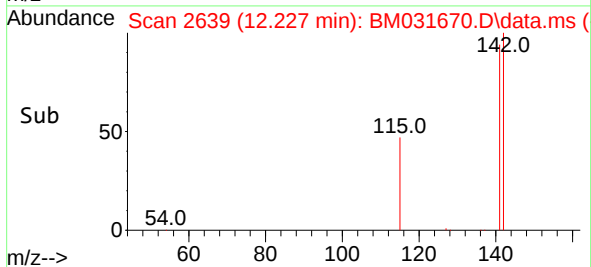
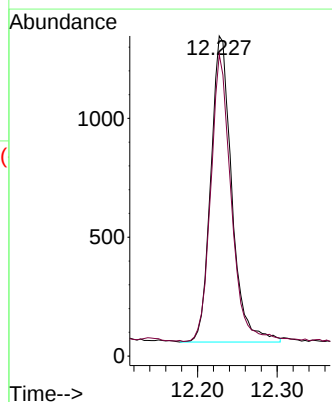
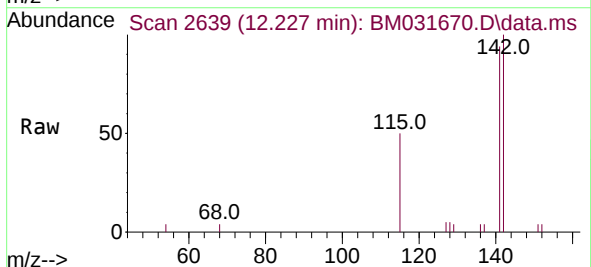
Instrument :
BNA_M
ClientSampleId :
SLCS138

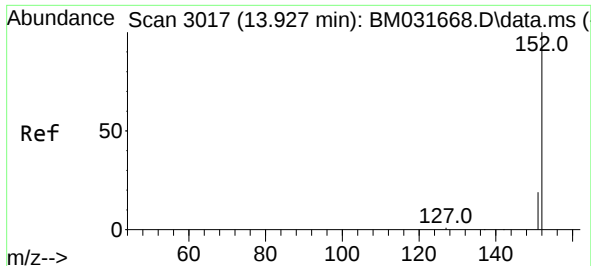
Tgt Ion:142 Resp: 2526
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.004 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:142 Resp: 2360
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1

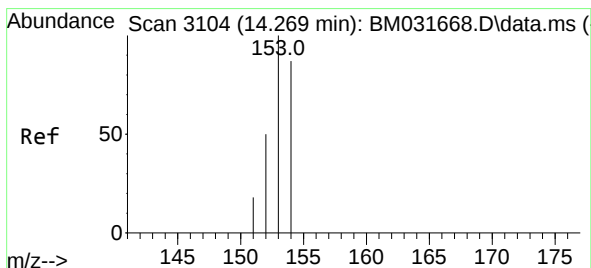
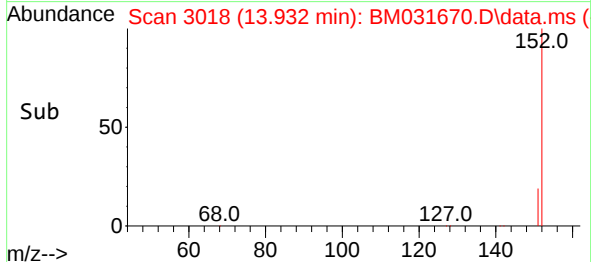
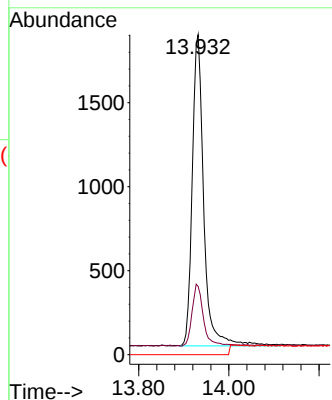
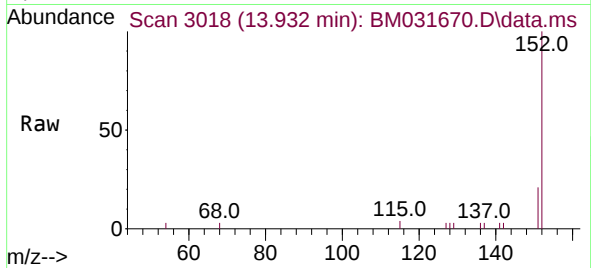




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.004 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

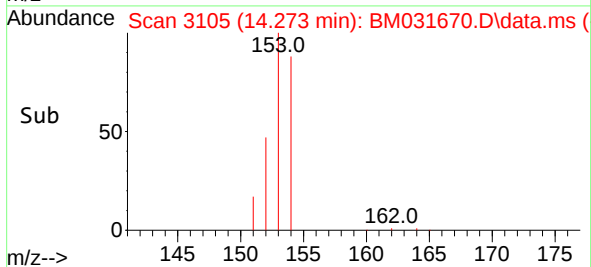
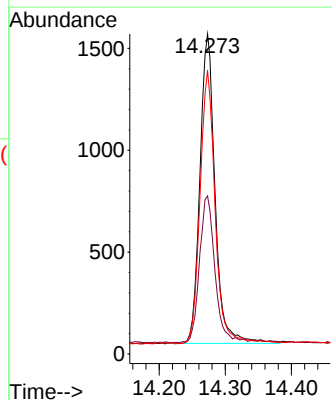
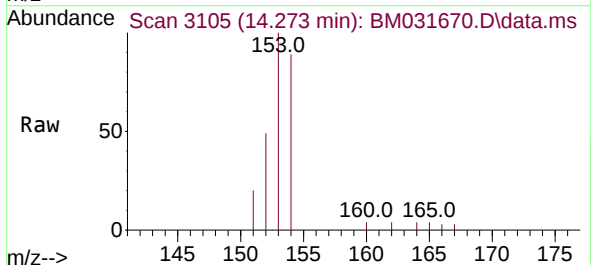
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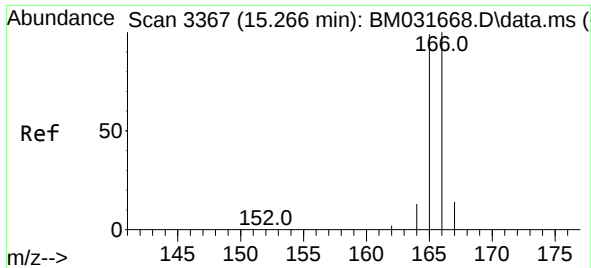
Tgt Ion:152	Resp:	3019
Ion Ratio	Lower	Upper
152	100	
151	21.4	16.9 25.3
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:153	Resp:	2419
Ion Ratio	Lower	Upper
153	100	
152	49.4	40.7 61.1
154	88.6	70.2 105.2

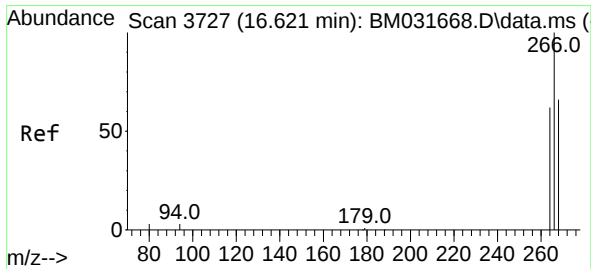
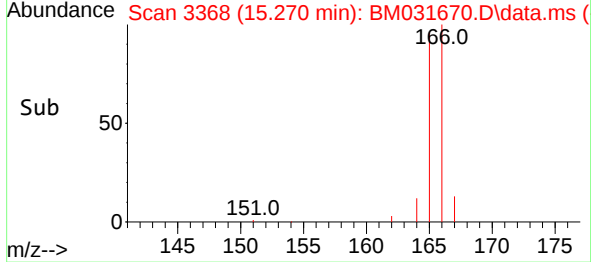
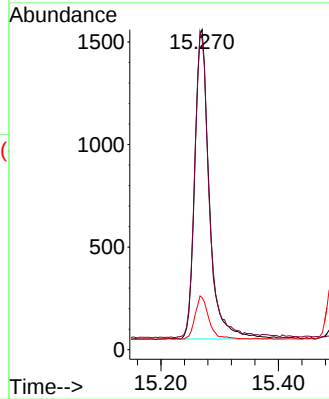
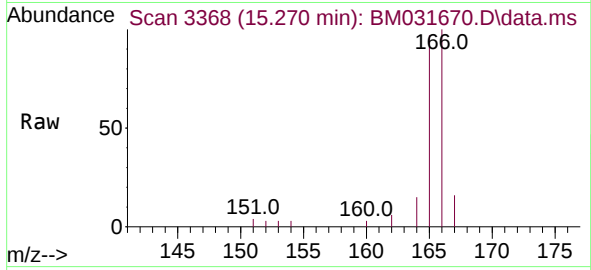




#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. 0.004 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

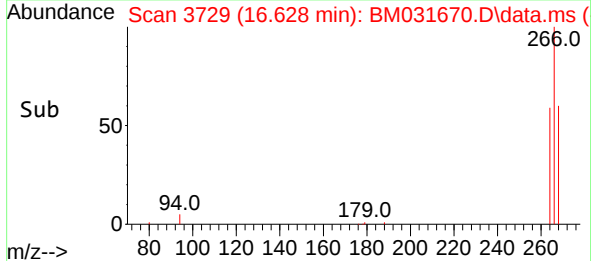
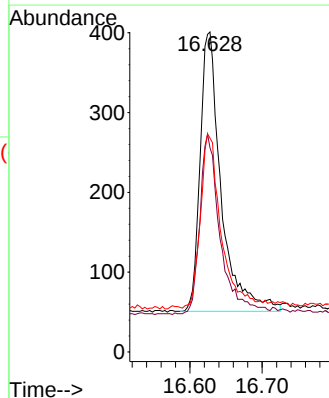
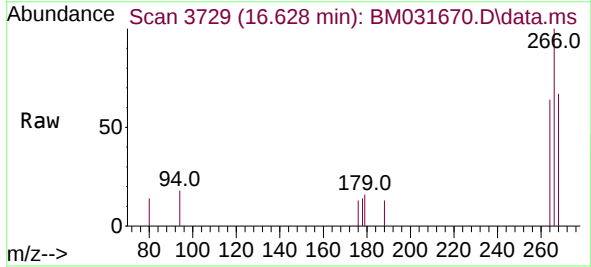
Instrument :
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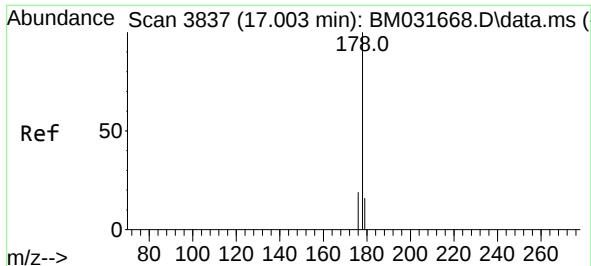
Tgt Ion:	166	Resp:	2607
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.0	117.0
167	16.2	12.0	18.0



#14
Pentachlorophenol
Concen: 0.703 ng/ul
RT: 16.628 min Scan# 3729
Delta R.T. 0.007 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:	266	Resp:	707
Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.1	75.1
268	63.4	51.3	76.9

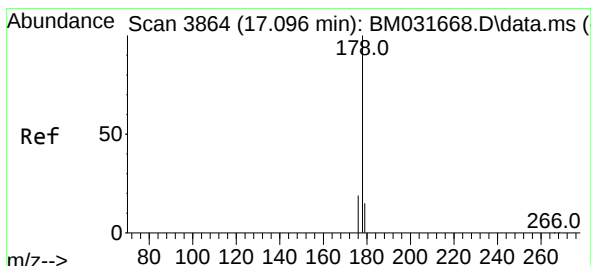
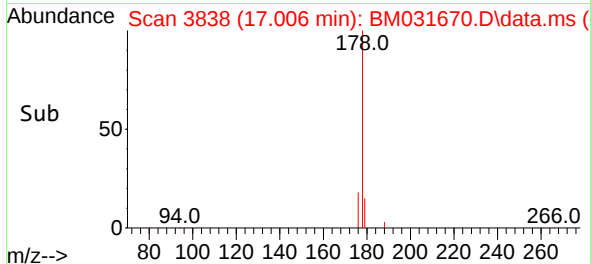
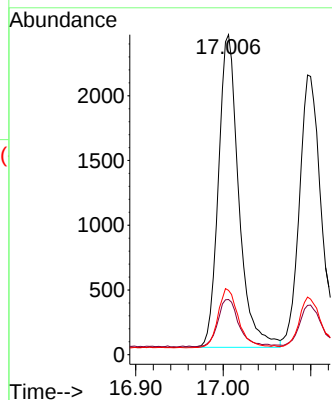
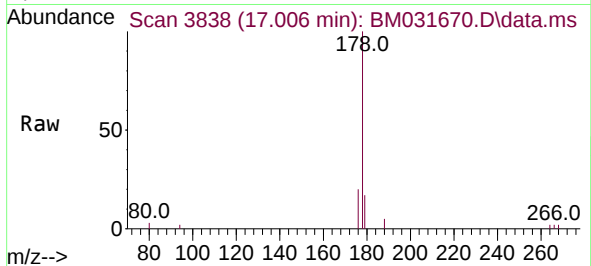




#15
Phenanthrene
Concen: 0.390 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. 0.003 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

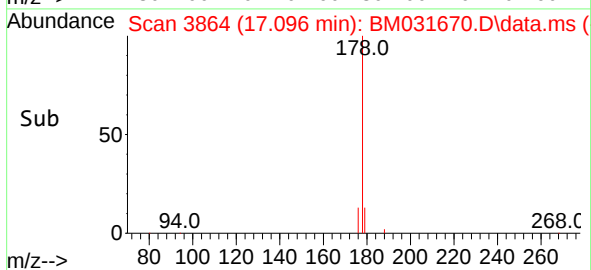
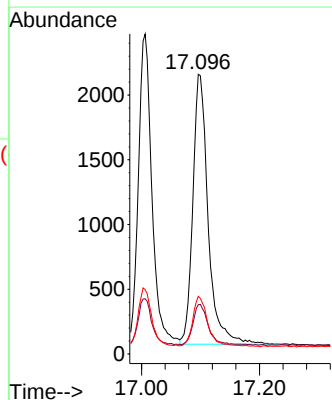
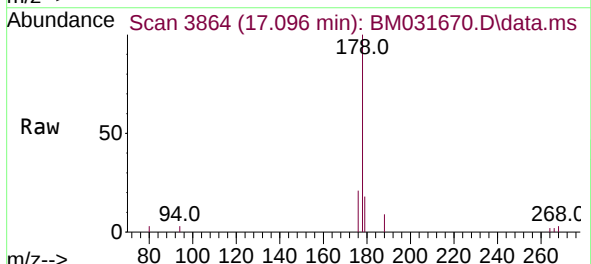
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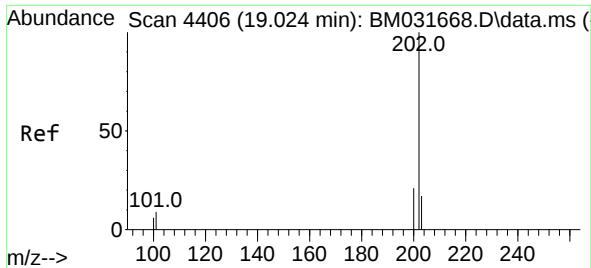
Tgt Ion:178	Resp:	3891
Ion Ratio	Lower	Upper
178	100	
179	17.2	13.3 19.9
176	20.1	16.2 24.4



#16
Anthracene
Concen: 0.402 ng/u1
RT: 17.096 min Scan# 3864
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:178	Resp:	3751
Ion Ratio	Lower	Upper
178	100	
179	17.6	13.0 19.6
176	20.6	15.6 23.4

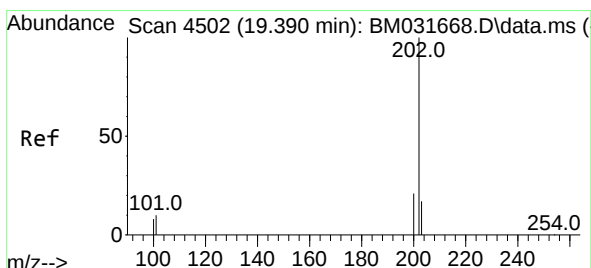
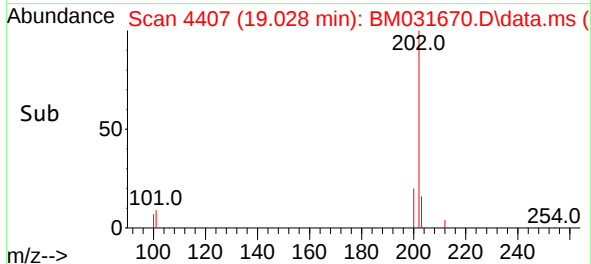
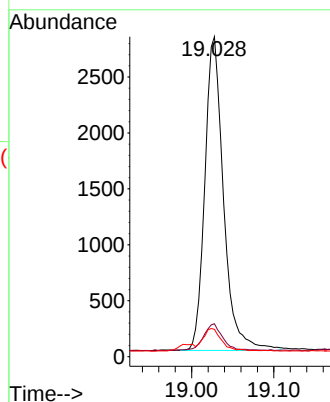
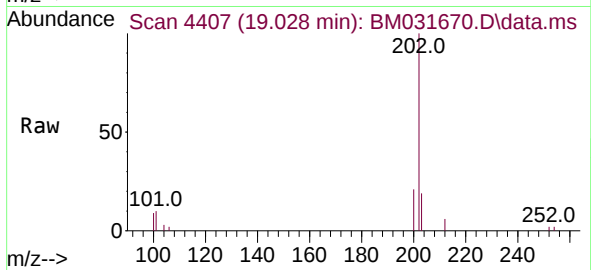




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. 0.004 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

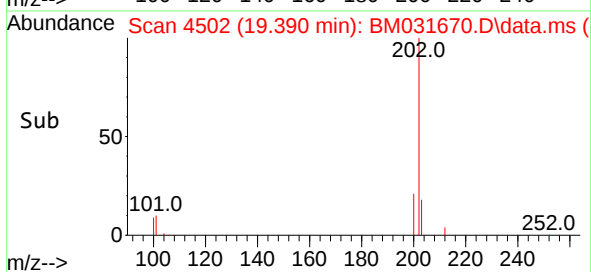
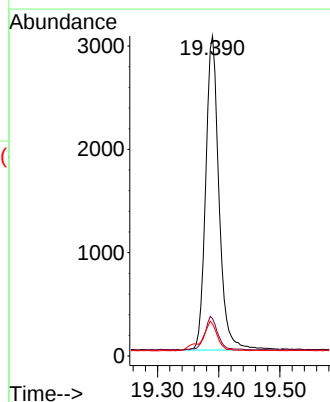
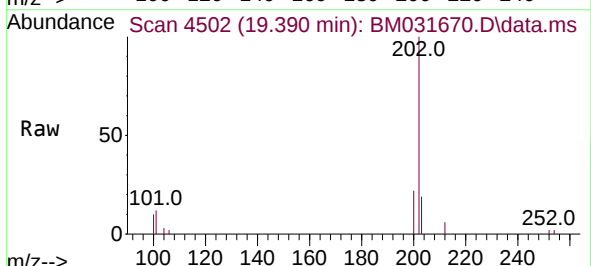
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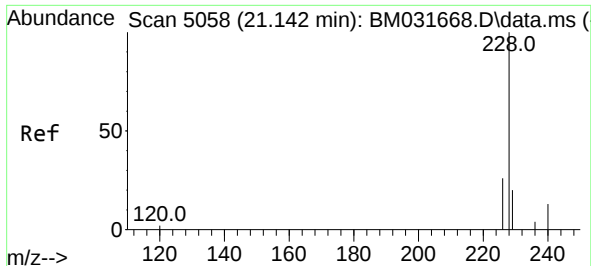
Tgt Ion:202 Resp: 4435
Ion Ratio Lower Upper
202 100
101 10.3 6.6 10.0#
100 8.6 5.4 8.0#



#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:202 Resp: 4602
Ion Ratio Lower Upper
202 100
101 11.7 7.8 11.6#
100 10.0 6.6 10.0#

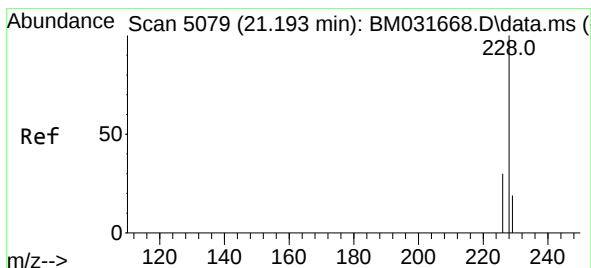
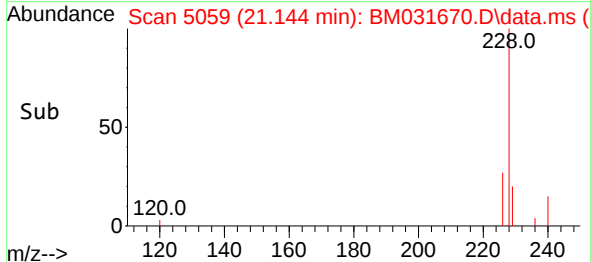
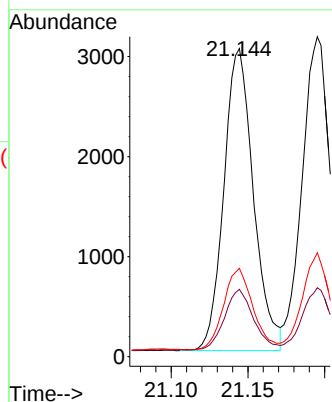
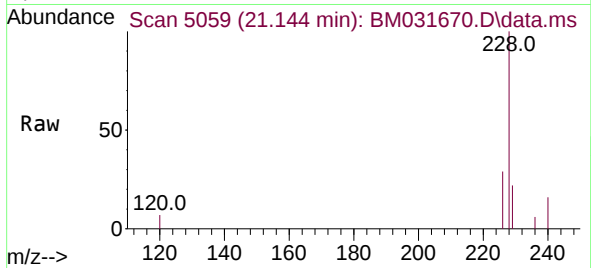




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. 0.002 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

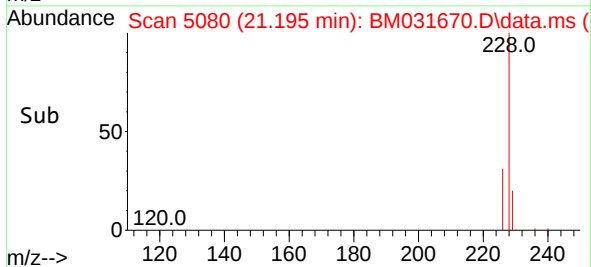
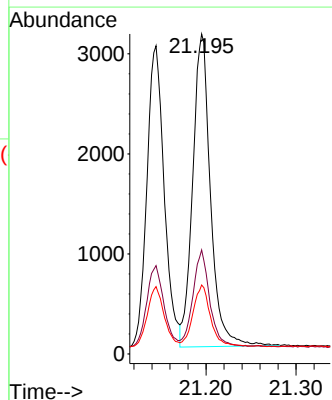
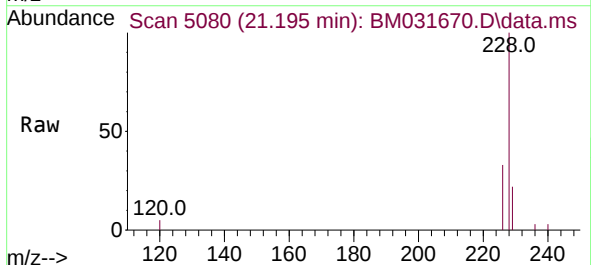
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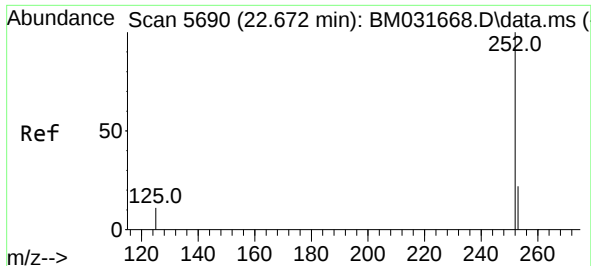
Tgt Ion:228	Resp:	4048
Ion Ratio	Lower	Upper
228	100	
229	21.8	15.6 23.4
226	28.7	21.7 32.5



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. 0.002 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:228	Resp:	4294
Ion Ratio	Lower	Upper
228	100	
226	32.5	24.7 37.1
229	21.6	16.2 24.2

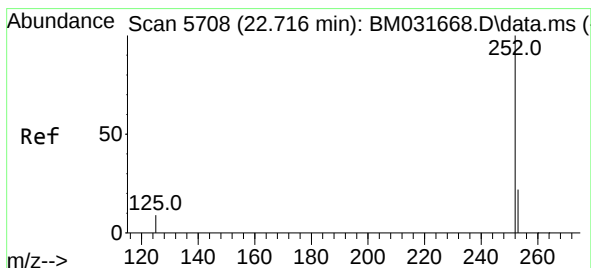
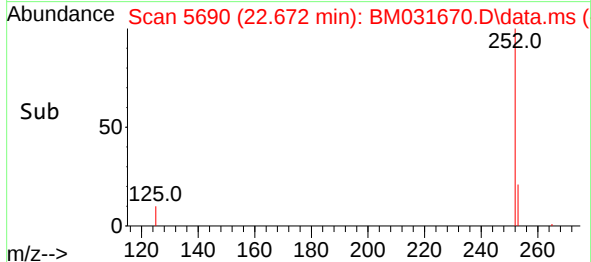
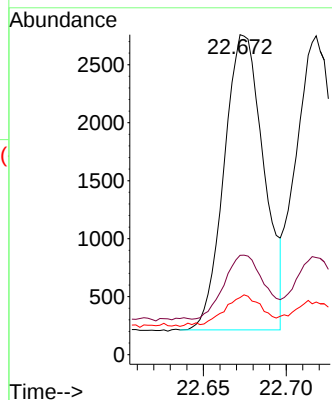
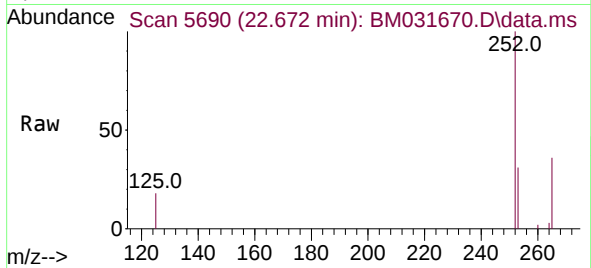




#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul
RT: 22.672 min Scan# 5690
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

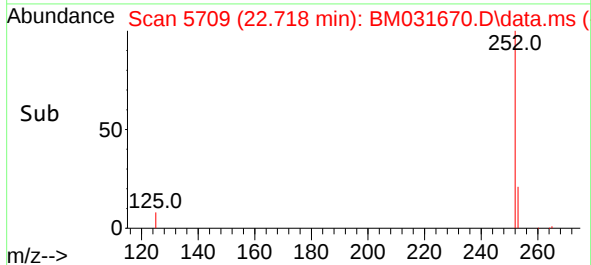
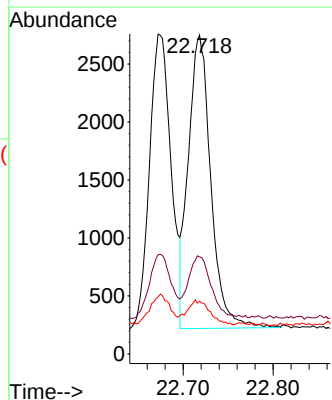
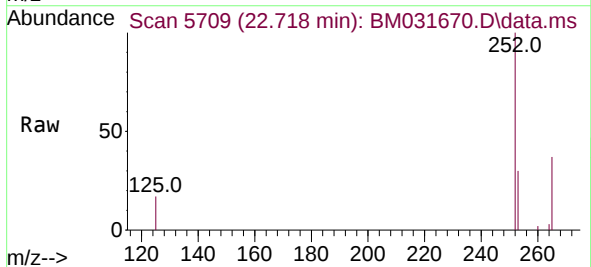
Instrument :
BNA_M
ClientSampleId :
SLCS138

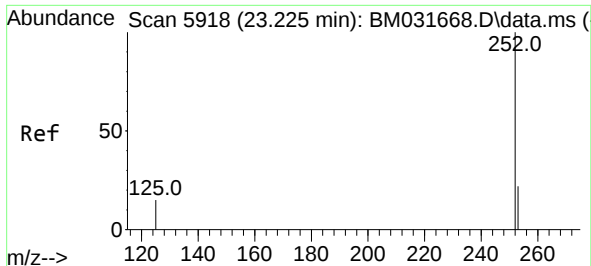
Tgt Ion:252	Resp:	4253
Ion Ratio	Lower	Upper
252	100	
253	31.0	0.0 53.0
125	17.9	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 22.718 min Scan# 5709
Delta R.T. 0.002 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:252	Resp:	4402
Ion Ratio	Lower	Upper
252	100	
253	30.4	21.3 31.9
125	16.5	8.8 13.2#

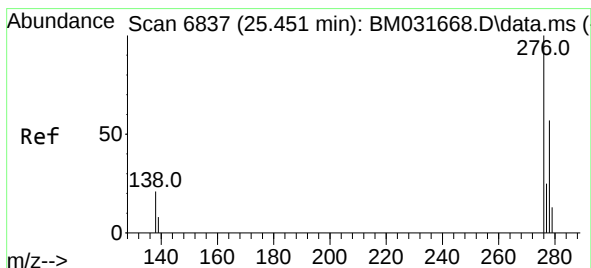
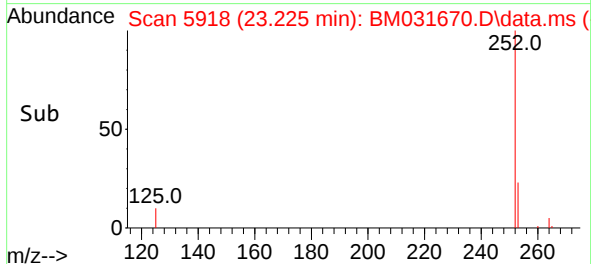
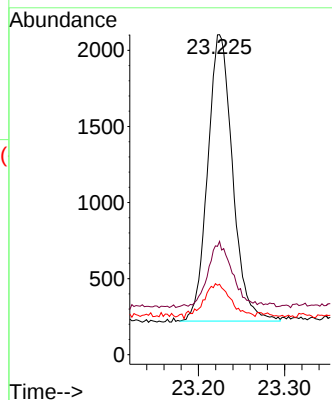
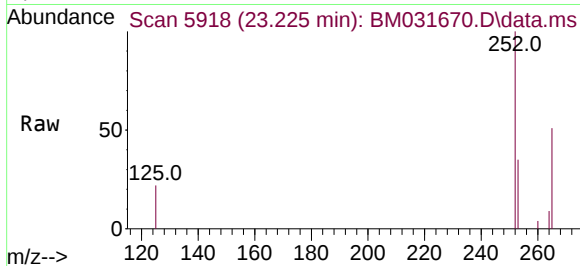




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.225 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

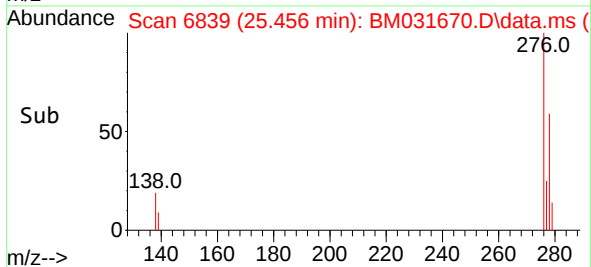
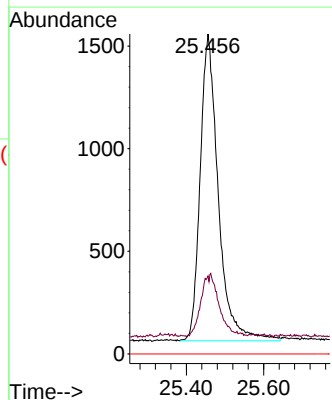
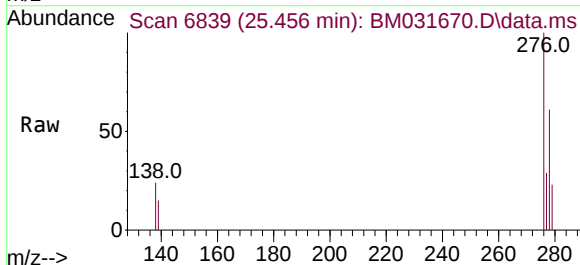
Instrument :
BNA_M
ClientSampleId :
SLCS138

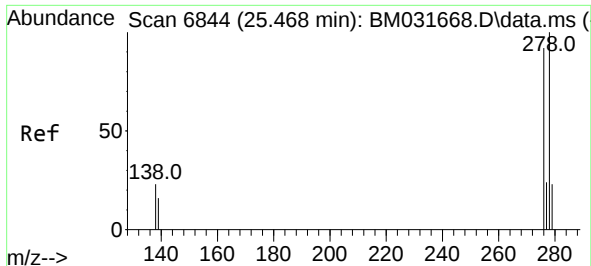
Tgt Ion:252	Resp:	3775
Ion Ratio	Lower	Upper
252	100	
253	35.4	22.4 33.6#
125	22.0	13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. 0.005 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:276	Resp:	4851
Ion Ratio	Lower	Upper
276	100	
138	21.2	15.8 23.8
227	0.0	0.0 0.0

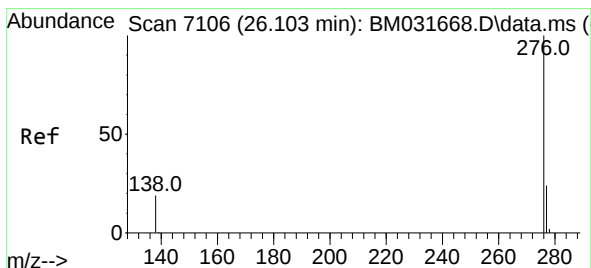
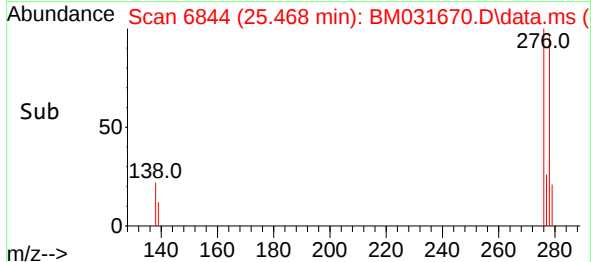
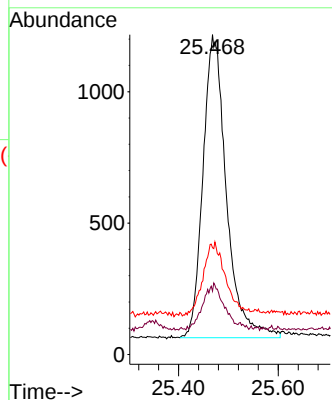
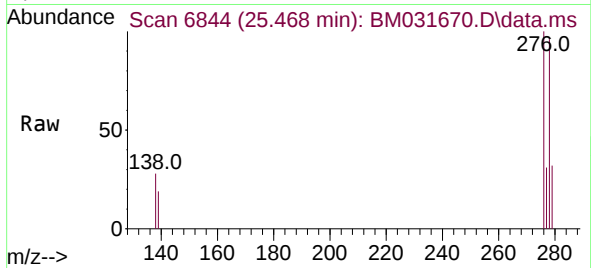




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.000 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Instrument :
BNA_M
ClientSampleId :
SLCS138

Tgt Ion:	278	Resp:	3756
Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.3	19.9
279	33.4	22.8	34.2



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. 0.002 min
Lab File: BM031670.D
Acq: 12 Aug 2021 10:39

Tgt Ion:	276	Resp:	4226
Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.4	23.2#
277	28.3	19.9	29.9

