

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031726.D
 Acq On : 13 Aug 2021 22:06
 Operator : CG/JU
 Sample : PB138196BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS196

Quant Time: Aug 14 00:51:53 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 17:28:09 2021
 Response via : Initial Calibration

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

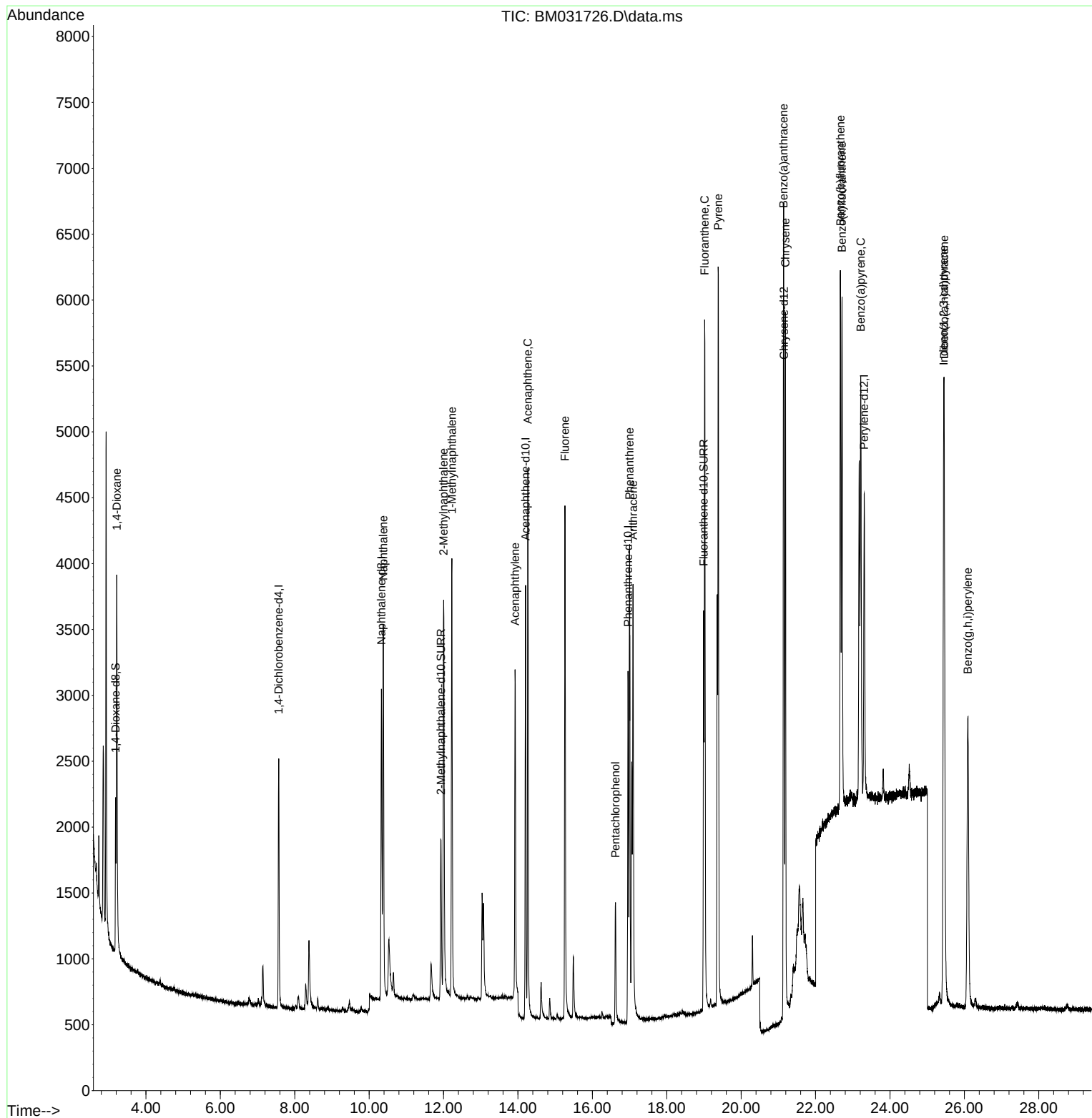
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	1014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	3577	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	1905	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	3599	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.152	240	2940	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	2955	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	745	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	2014	0.334	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	3661	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.213	88	1850	1.626	ng/ul#	73
5) Naphthalene	10.379	128	4100	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	2625	0.361	ng/ul	96
8) 1-Methylnaphthalene	12.223	142	2419	0.336	ng/ul	99
10) Acenaphthylene	13.923	152	3494	0.431	ng/ul	100
11) Acenaphthene	14.265	153	2601	0.381	ng/ul	99
12) Fluorene	15.263	166	2826	0.360	ng/ul	99
14) Pentachlorophenol	16.621	266	732	0.635	ng/ul	99
15) Phenanthrene	16.999	178	4304	0.377	ng/ul	99
16) Anthracene	17.093	178	4151	0.388	ng/ul	98
19) Fluoranthene	19.020	202	4979	0.397	ng/ul#	94
20) Pyrene	19.386	202	5175	0.406	ng/ul	96
21) Benzo(a)anthracene	21.137	228	4772	0.402	ng/ul	97
22) Chrysene	21.190	228	4992	0.406	ng/ul	98
24) Benzo(b)fluoranthene	22.667	252	4985	0.374	ng/ul	89
25) Benzo(k)fluoranthene	22.711	252	5071	0.369	ng/ul#	89
26) Benzo(a)pyrene	23.215	252	4388	0.376	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.444	276	5758	0.382	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.456	278	4650	0.383	ng/ul#	92
29) Benzo(g,h,i)perylene	26.091	276	4895	0.381	ng/ul	93

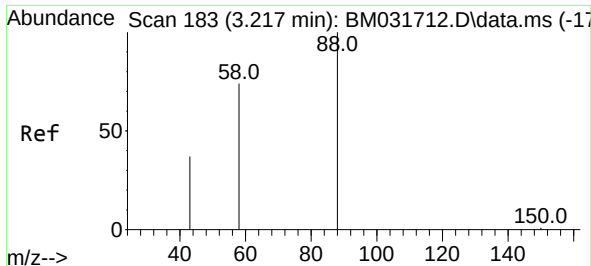
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

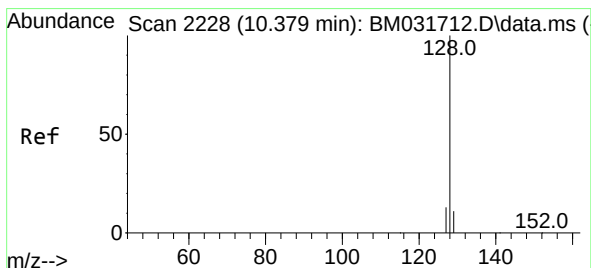
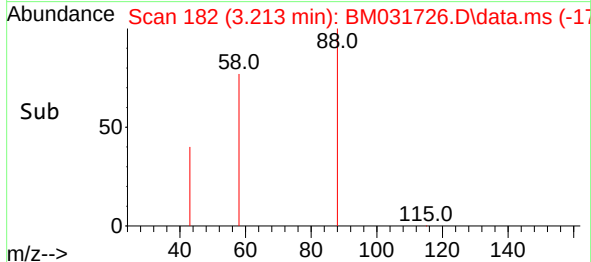
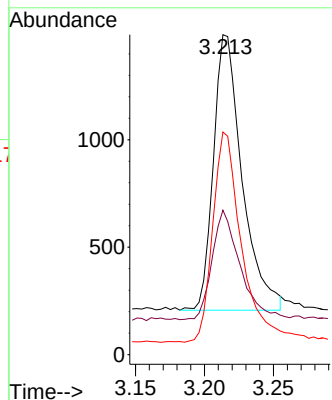
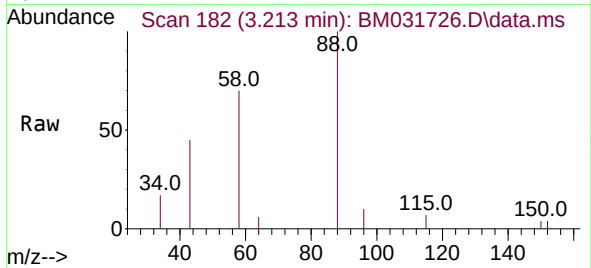




#2
1,4-Dioxane
Concen: 1.626 ng/ul
RT: 3.213 min Scan# 182
Delta R.T. -0.007 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

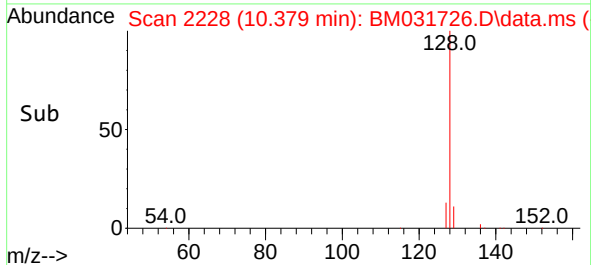
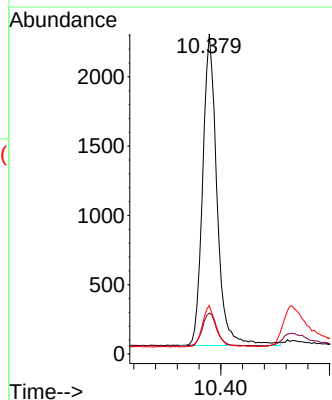
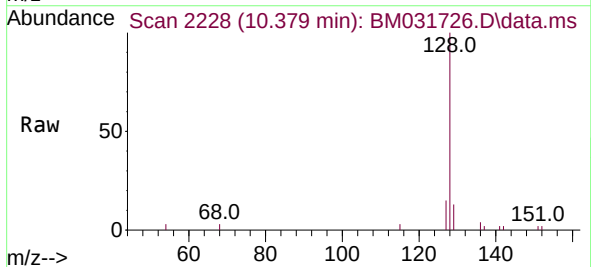
Instrument :
BNA_M
ClientSampled :
SLCS196

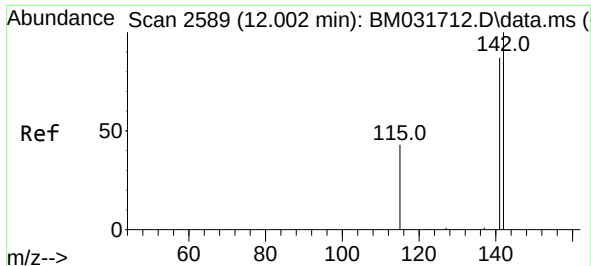
Tgt Ion: 88 Resp: 1850
Ion Ratio Lower Upper
88 100
43 45.1 29.7 44.5#
58 69.6 35.6 53.4#



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion: 128 Resp: 4100
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 15.1 11.6 17.4

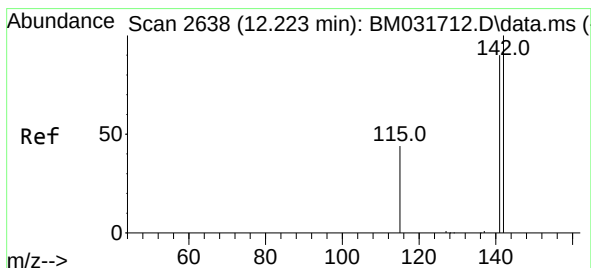
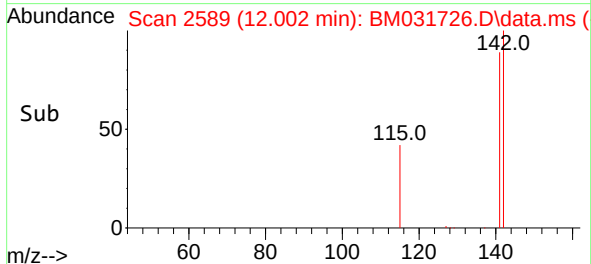
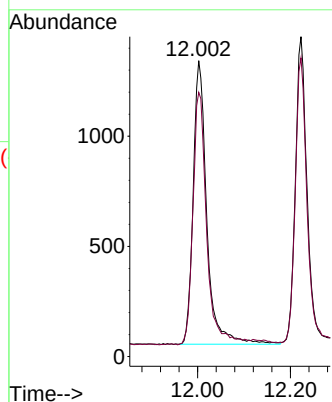
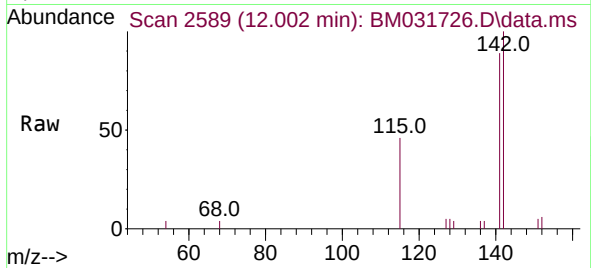




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

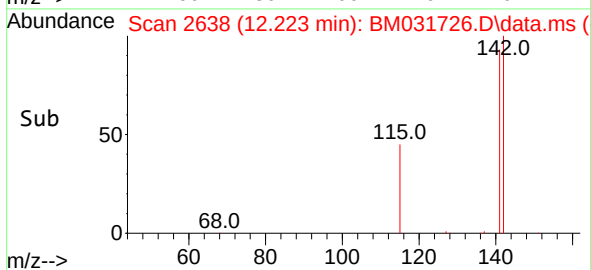
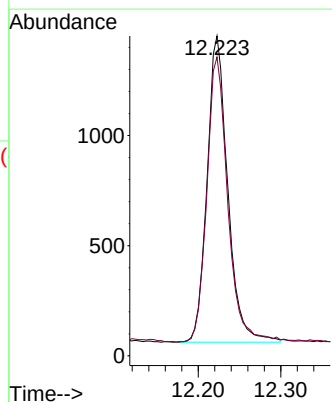
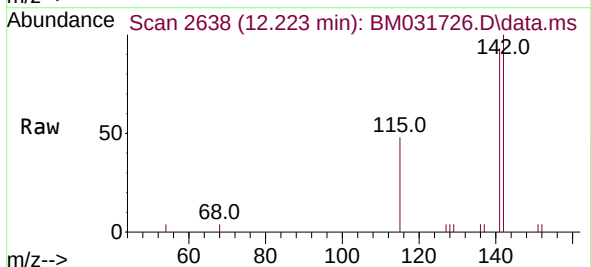
Instrument :
BNA_M
ClientSampled :
SLCS196

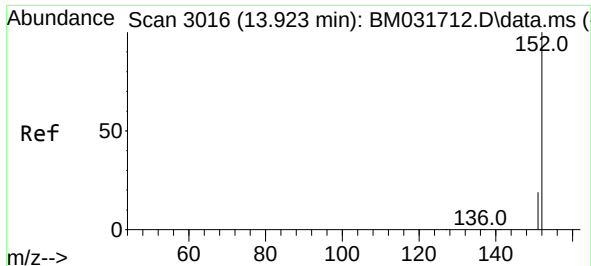
Tgt Ion:142 Resp: 2625
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

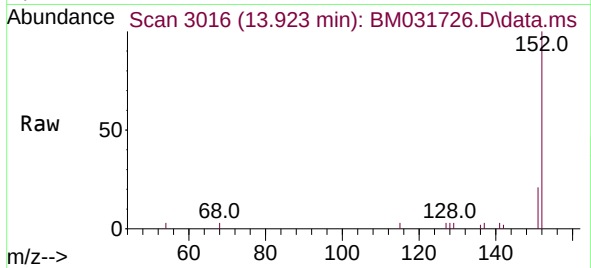
Tgt Ion:142 Resp: 2419
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1



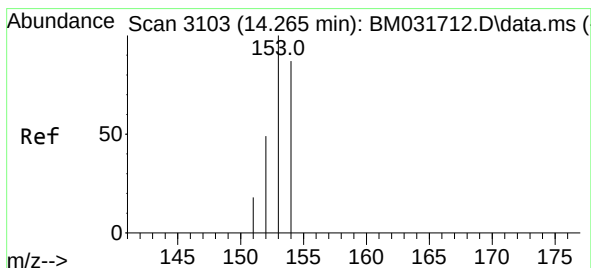
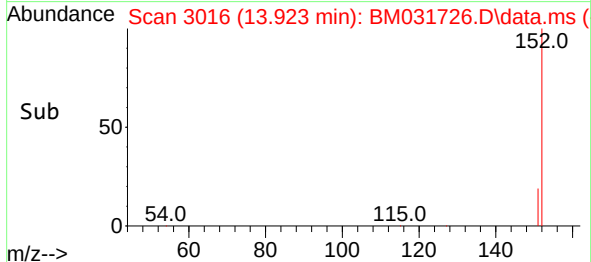
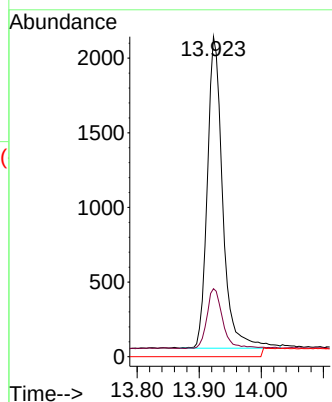


#10
Acenaphthylene
Concen: 0.431 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Instrument :
BNA_M
ClientSampled :
SLCS196

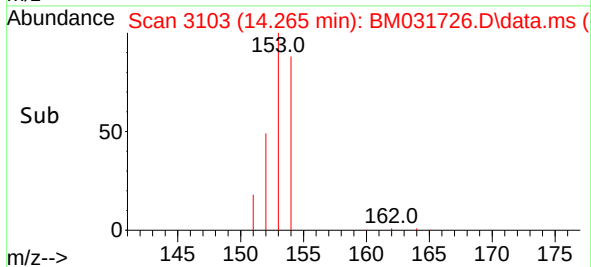
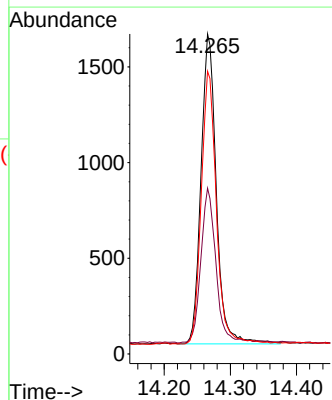
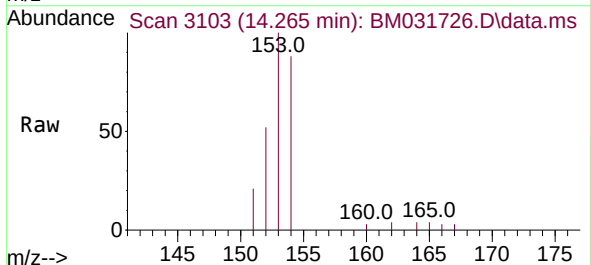


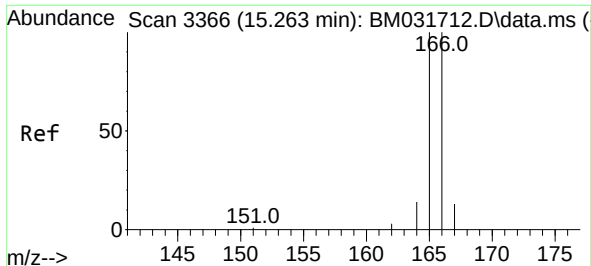
Tgt Ion:	152	Resp:	3494
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.9	25.3
153	0.0	0.0	0.0



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:	153	Resp:	2601
Ion Ratio	Lower	Upper	
153	100		
152	51.8	40.7	61.1
154	88.3	70.2	105.2

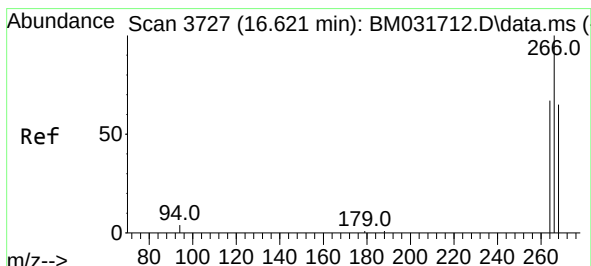
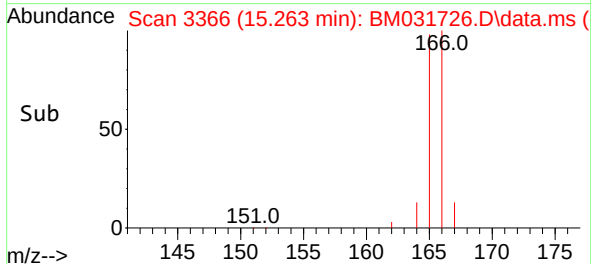
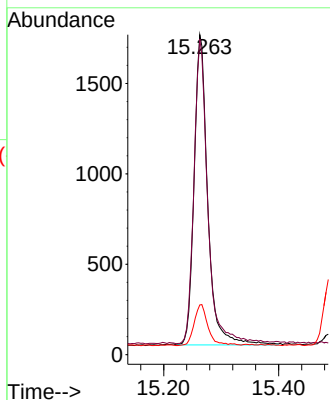
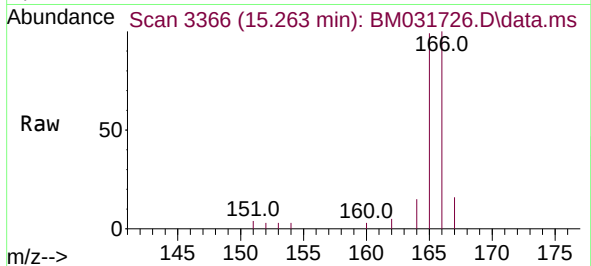




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

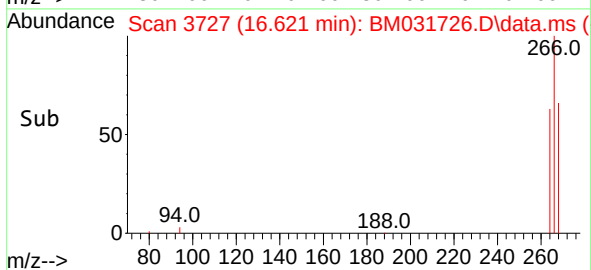
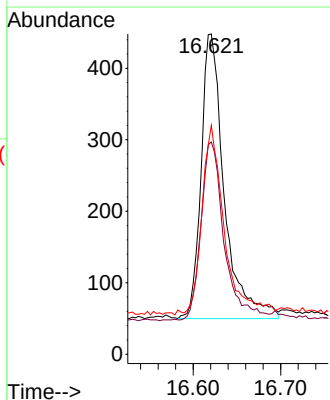
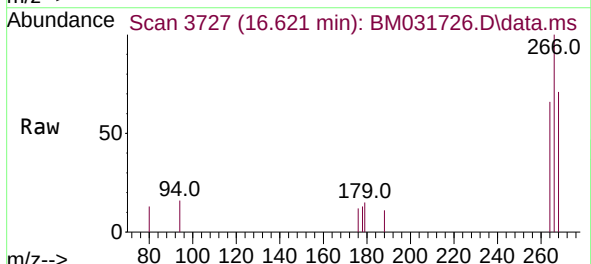
Instrument :
BNA_M
ClientSampled :
SLCS196

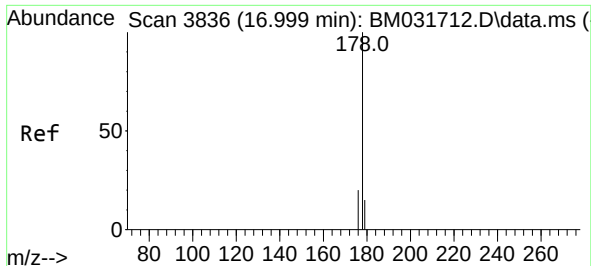
Tgt Ion:	166	Resp:	2826
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.0	117.0
167	15.5	12.0	18.0



#14
Pentachlorophenol
Concen: 0.635 ng/ul
RT: 16.621 min Scan# 3727
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:	266	Resp:	732
Ion Ratio	Lower	Upper	
266	100		
264	62.4	50.1	75.1
268	65.0	51.3	76.9

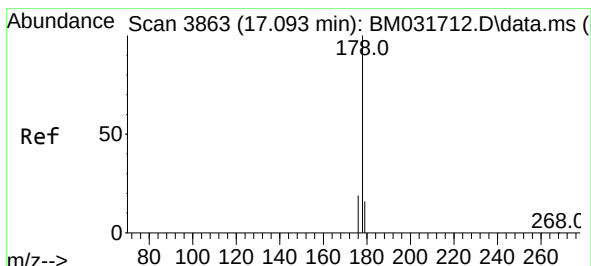
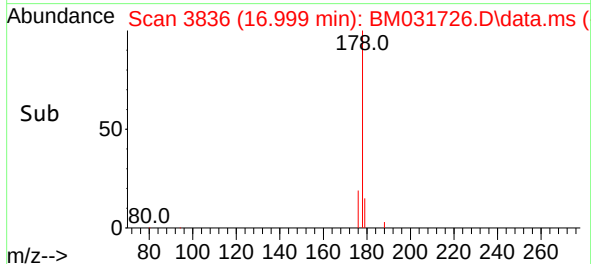
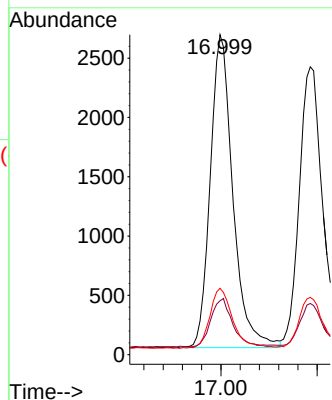
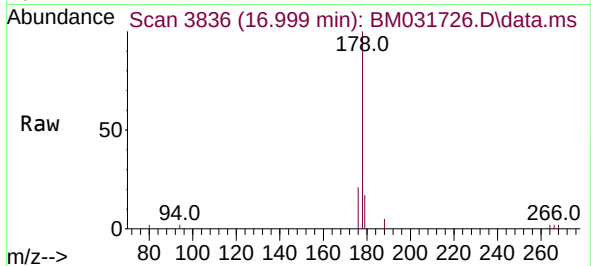




#15
Phenanthrene
Concen: 0.377 ng/u1
RT: 16.999 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

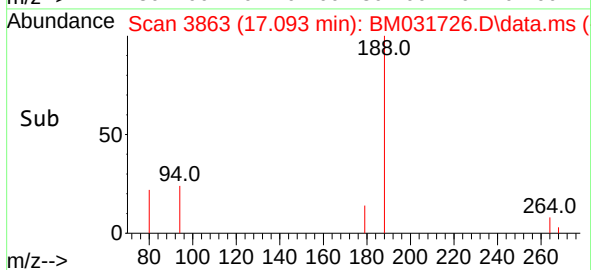
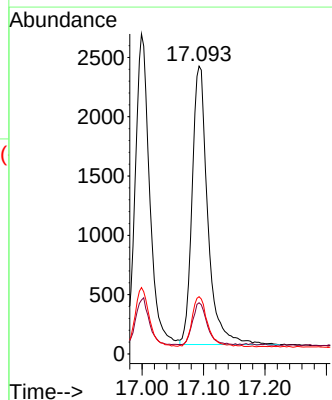
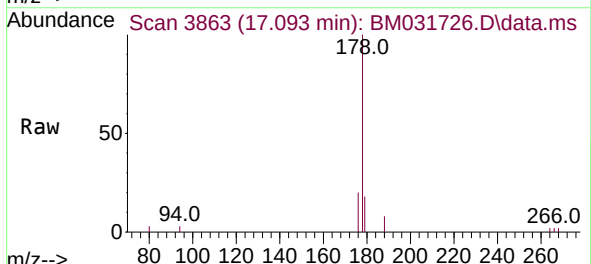
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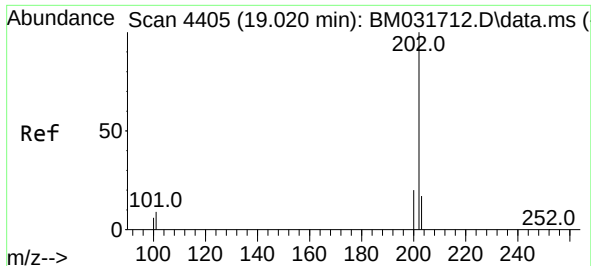
Tgt Ion:	178	Resp:	4304
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.3	19.9
176	20.8	16.2	24.4



#16
Anthracene
Concen: 0.388 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:	178	Resp:	4151
Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	19.9	15.6	23.4

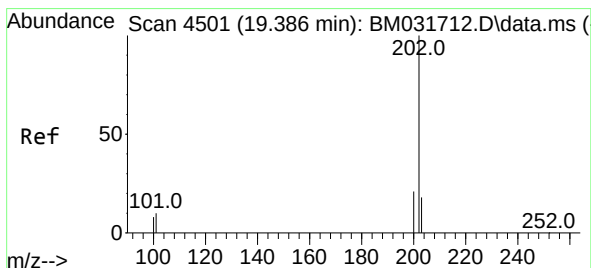
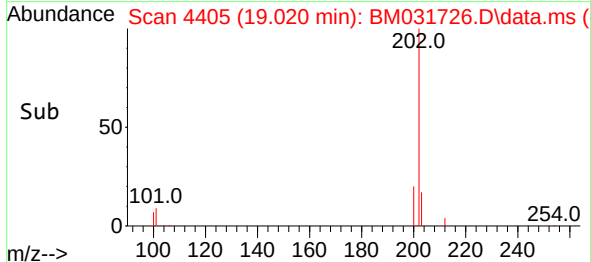
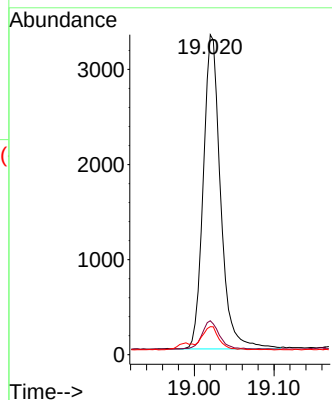
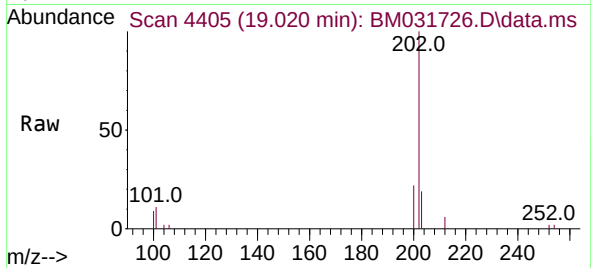




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

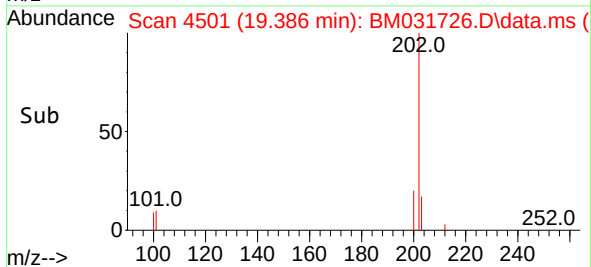
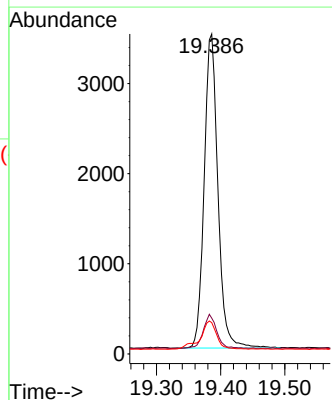
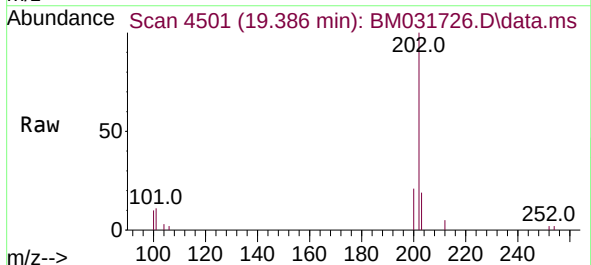
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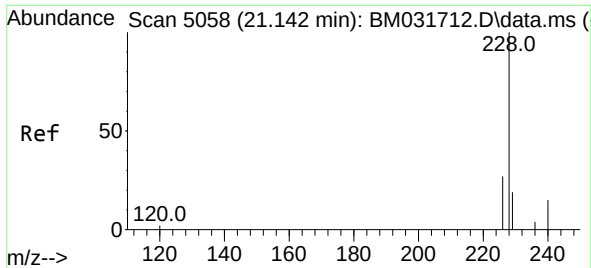
Tgt Ion:202 Resp: 4979
Ion Ratio Lower Upper
202 100
101 10.6 6.6 10.0#
100 8.7 5.4 8.0#



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.003 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:202 Resp: 5175
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.8 6.6 10.0

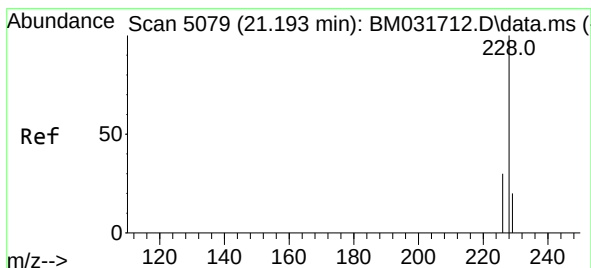
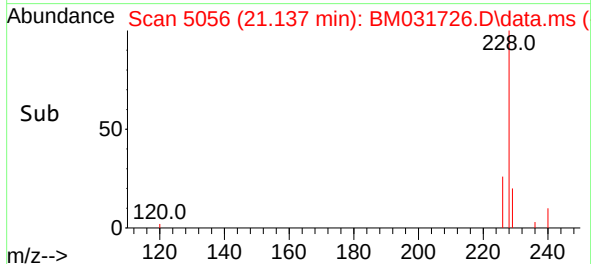
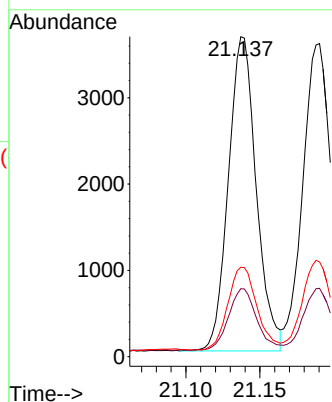
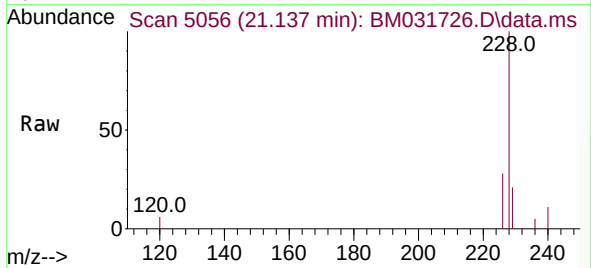




#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

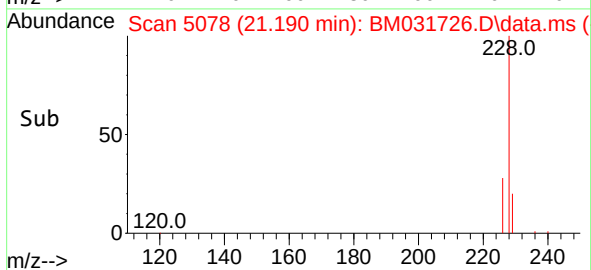
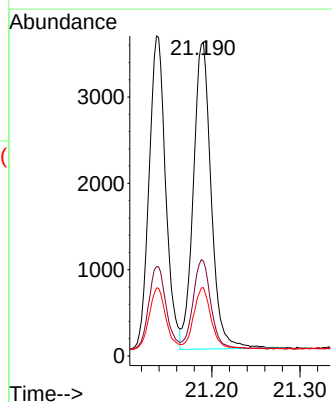
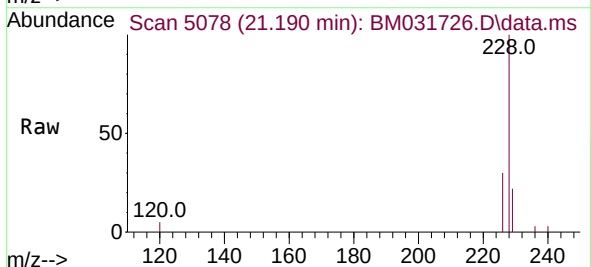
Instrument :
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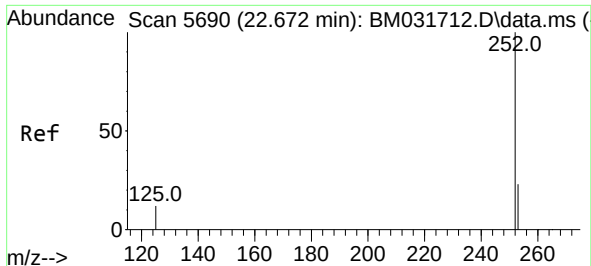
Tgt Ion:228	Resp:	4772
Ion Ratio	Lower	Upper
228	100	
229	21.3	15.6 23.4
226	28.0	21.7 32.5



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.004 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:228	Resp:	4992
Ion Ratio	Lower	Upper
228	100	
226	30.2	24.7 37.1
229	21.8	16.2 24.2

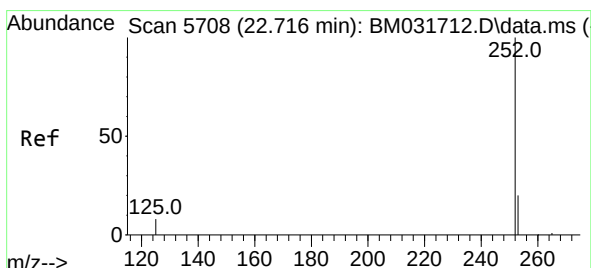
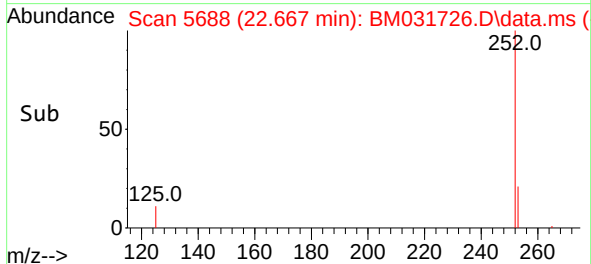
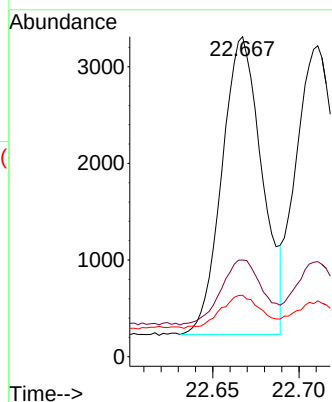
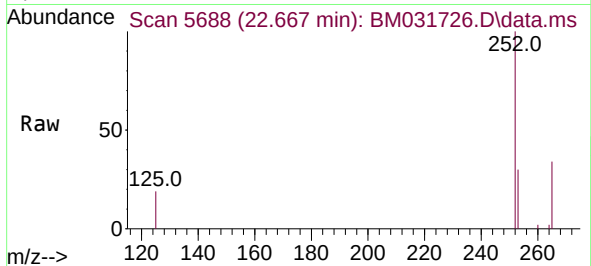




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

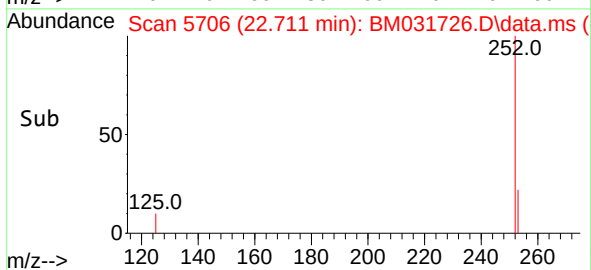
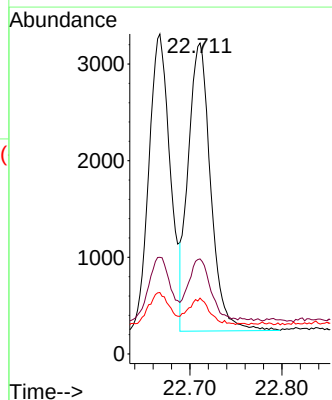
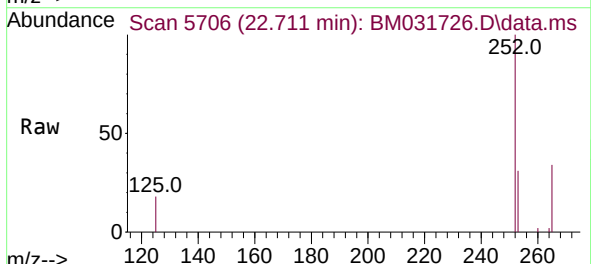
Instrument :
BNA_M
ClientSampled :
SLCS196

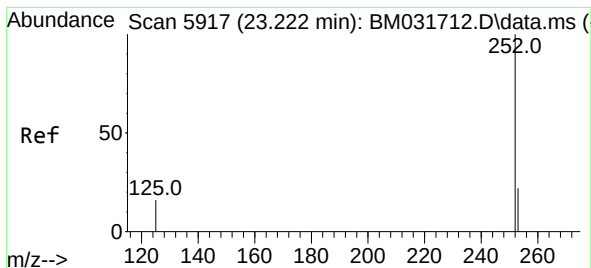
Tgt Ion:252	Resp:	4985
Ion Ratio	Lower	Upper
252	100	
253	30.2	0.0 53.0
125	19.2	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 22.711 min Scan# 5706
Delta R.T. -0.009 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:252	Resp:	5071
Ion Ratio	Lower	Upper
252	100	
253	30.6	21.3 31.9
125	18.0	8.8 13.2#

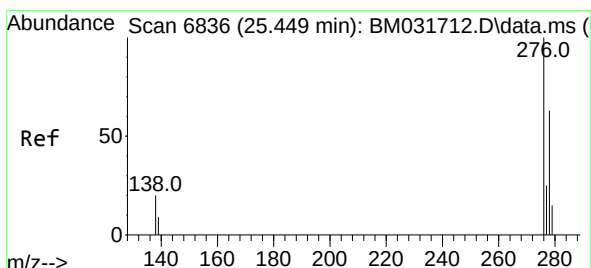
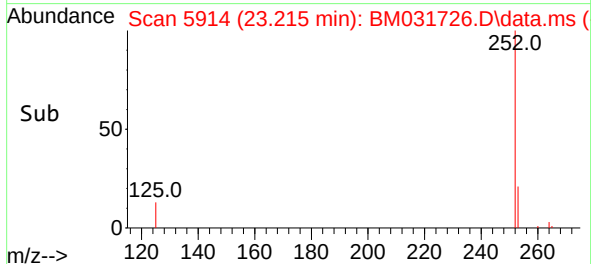
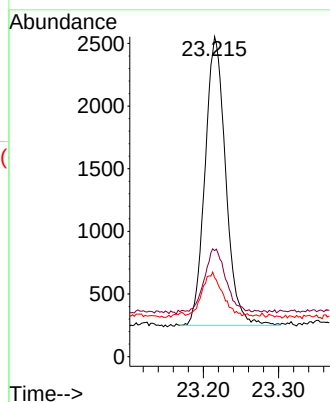
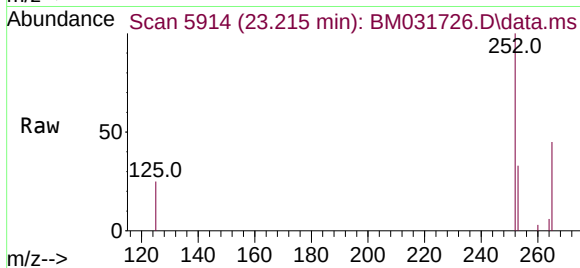




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.215 min Scan# 5914
Delta R.T. -0.012 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

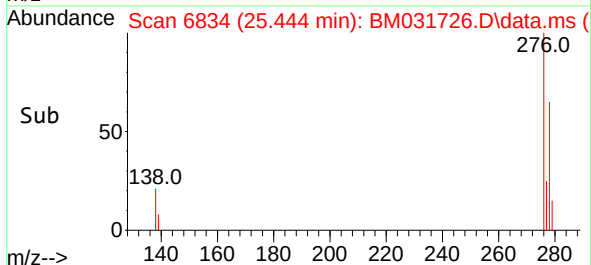
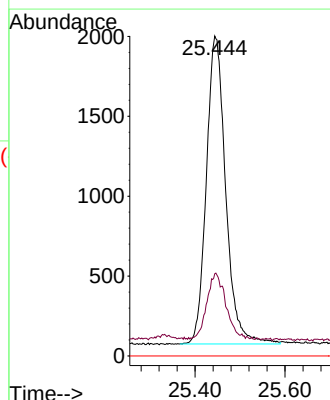
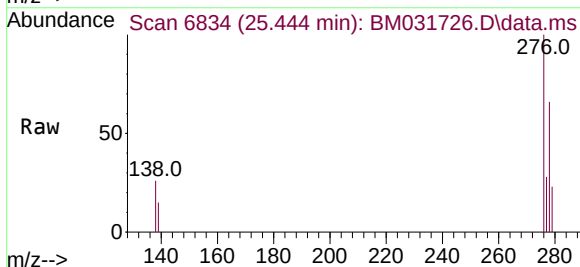
Instrument :
BNA_M
ClientSampleId :
SLCS196

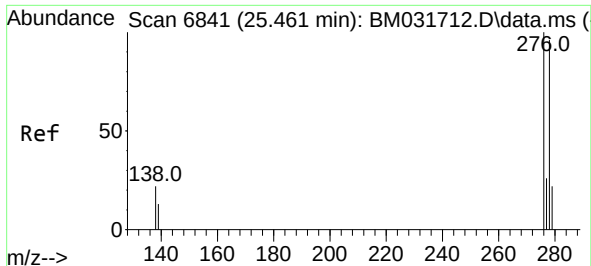
Tgt Ion:252 Resp: 4388
Ion Ratio Lower Upper
252 100
253 33.1 22.4 33.6
125 24.7 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.017 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:276 Resp: 5758
Ion Ratio Lower Upper
276 100
138 21.4 15.8 23.8
227 0.0 0.0 0.0

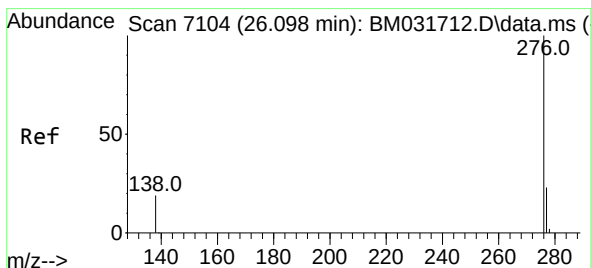
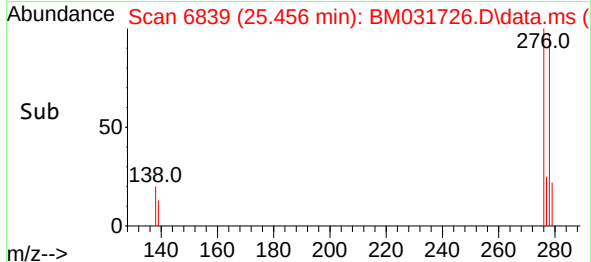
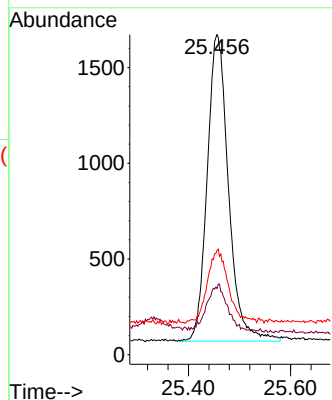
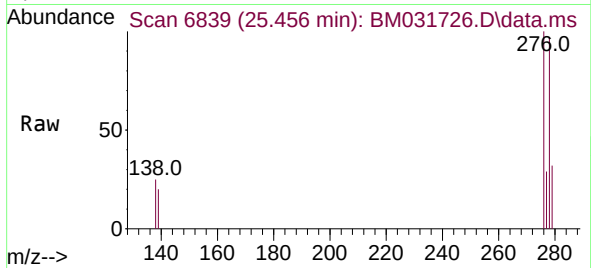




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.017 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Instrument :
BNA_M
ClientSampled :
SLCS196

Tgt Ion:278 Resp: 4650
Ion Ratio Lower Upper
278 100
139 20.7 13.3 19.9#
279 32.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.091 min Scan# 7101
Delta R.T. -0.017 min
Lab File: BM031726.D
Acq: 13 Aug 2021 22:06

Tgt Ion:276 Resp: 4895
Ion Ratio Lower Upper
276 100
138 22.6 15.4 23.2
277 28.1 19.9 29.9

