

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037635.D
 Acq On : 22 Nov 2022 10:49
 Operator : CG/JU
 Sample : PB149088BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS088

Quant Time: Nov 22 12:20:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

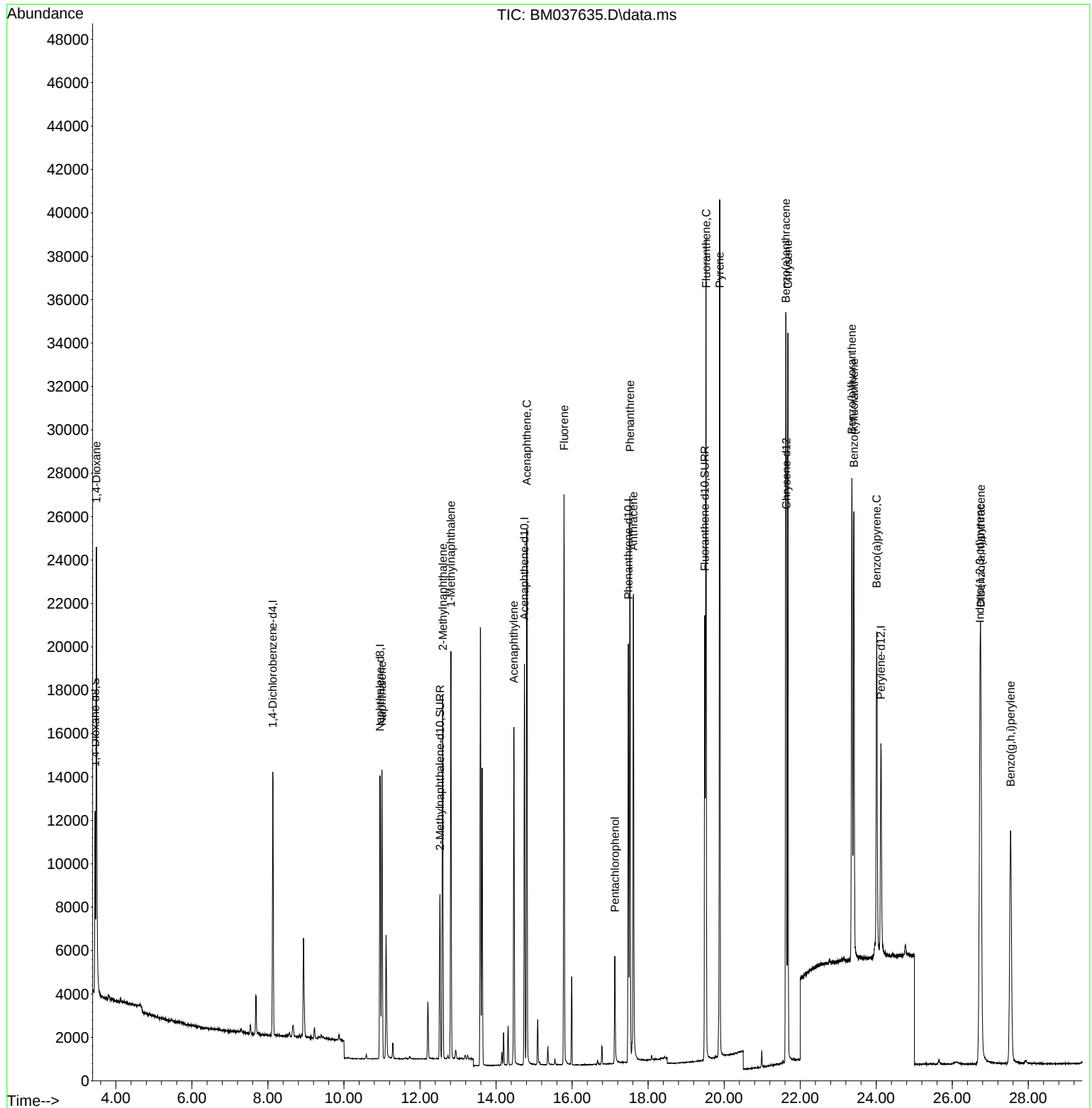
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	6133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.947	136	16760	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	9671	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	22153	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	15890	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	14016	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	5422	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.526	152	9323	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	20861	0.397	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	13094	1.764	ng/ul#	49
5) Naphthalene	10.997	128	17897	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.597	142	11404	0.329	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	12105	0.341	ng/ul	99
10) Acenaphthylene	14.470	152	16970	0.316	ng/ul	99
11) Acenaphthene	14.807	153	13635	0.364	ng/ul	97
12) Fluorene	15.788	166	16038	0.355	ng/ul	100
14) Pentachlorophenol	17.124	266	3457	0.695	ng/ul	99
15) Phenanthrene	17.521	178	27404	0.362	ng/ul	100
16) Anthracene	17.614	178	23882	0.327	ng/ul	99
19) Fluoranthene	19.522	202	31364	0.409	ng/ul	98
20) Pyrene	19.880	202	32173	0.404	ng/ul	96
21) Benzo(a)anthracene	21.619	228	26608	0.375	ng/ul	99
22) Chrysene	21.674	228	28491	0.404	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	29344	0.459	ng/ul	91
25) Benzo(k)fluoranthene	23.410	252	27598	0.428	ng/ul#	94
26) Benzo(a)pyrene	24.010	252	23641	0.425	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.728	276	28982	0.394	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.748	278	22399	0.387	ng/ul	96
29) Benzo(g,h,i)perylene	27.533	276	24419	0.391	ng/ul	96

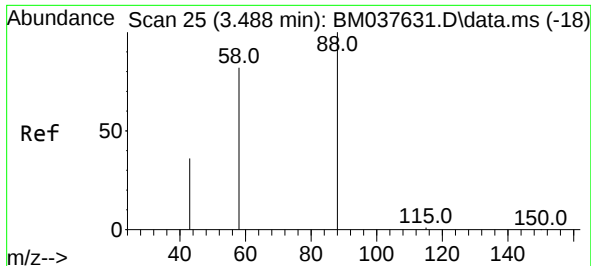
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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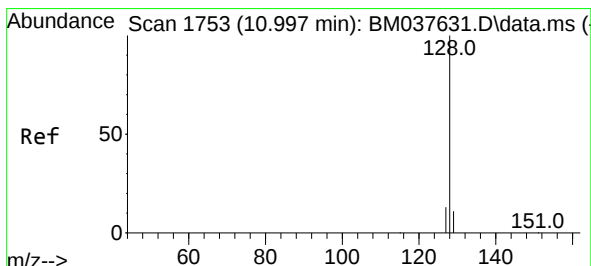
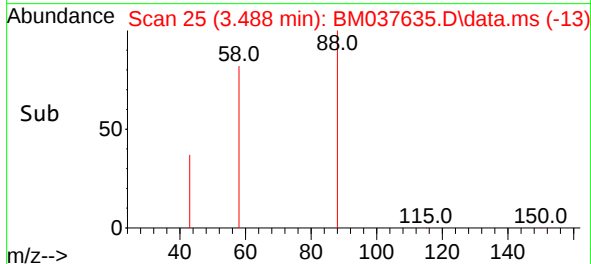
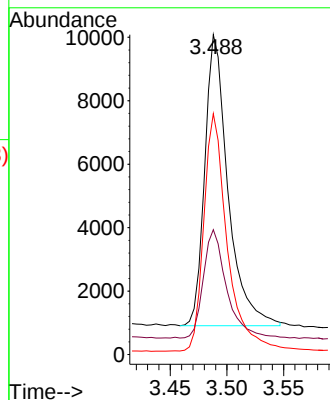
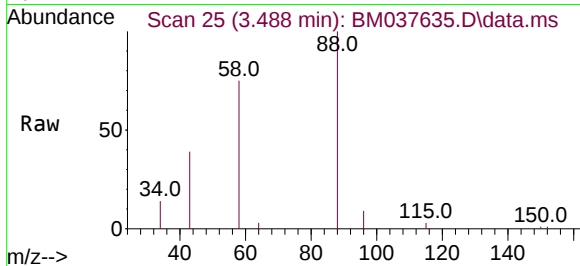




#2
 1,4-Dioxane
 Concen: 1.764 ng/ul
 RT: 3.488 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM037635.D
 Acq: 22 Nov 2022 10:49

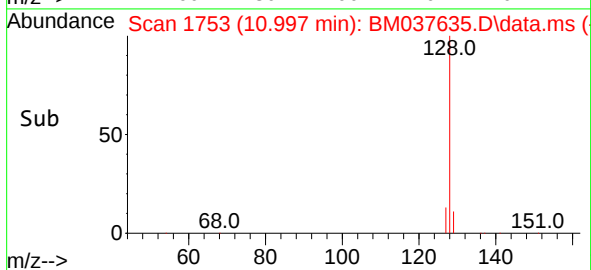
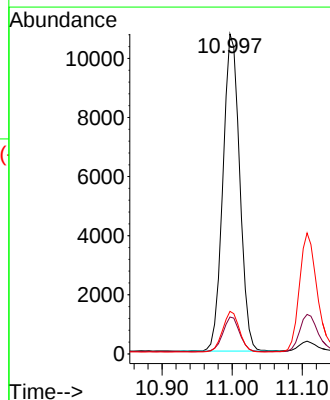
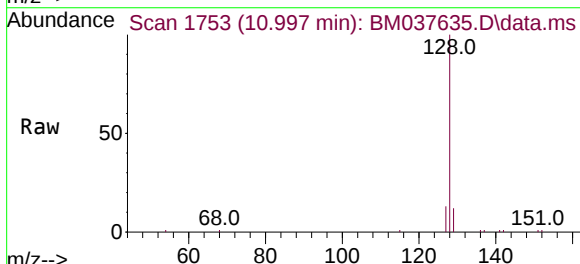
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 SLCS088

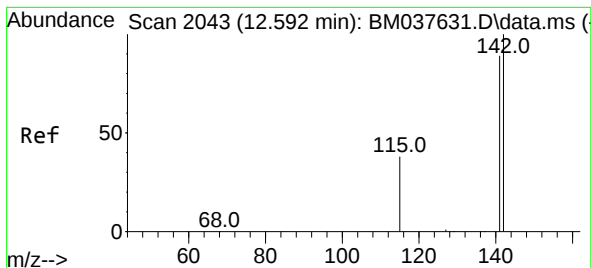
Tgt Ion: 88 Resp: 13094
 Ion Ratio Lower Upper
 88 100
 43 39.0 102.8 154.2#
 58 75.3 67.3 100.9



#5
 Naphthalene
 Concen: 0.352 ng/ul
 RT: 10.997 min Scan# 1753
 Delta R.T. -0.004 min
 Lab File: BM037635.D
 Acq: 22 Nov 2022 10:49

Tgt Ion:128 Resp: 17897
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.8 14.8
 127 13.3 11.0 16.4

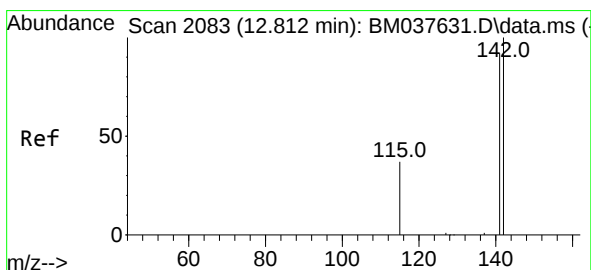
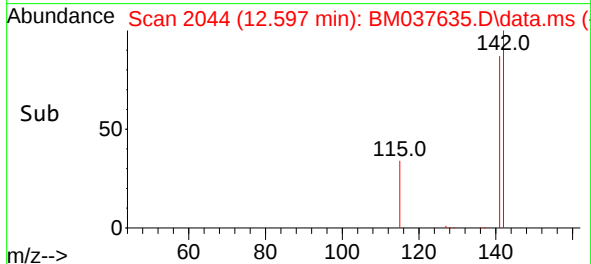
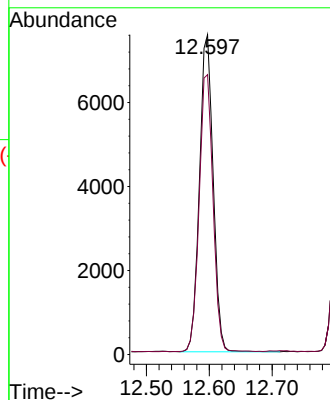
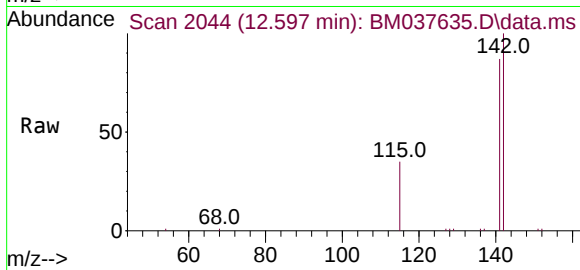




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.597 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

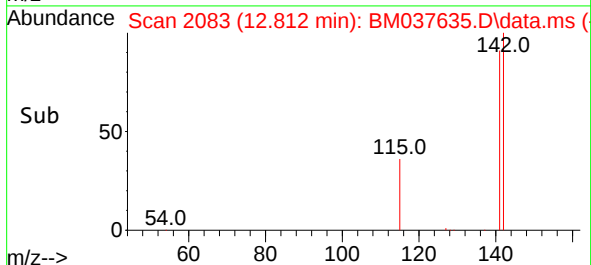
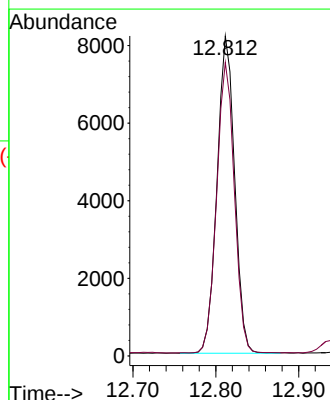
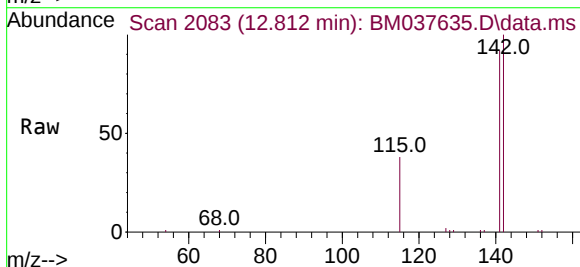
Instrument :
BNA_M
ClientSampleId :
SLCS088

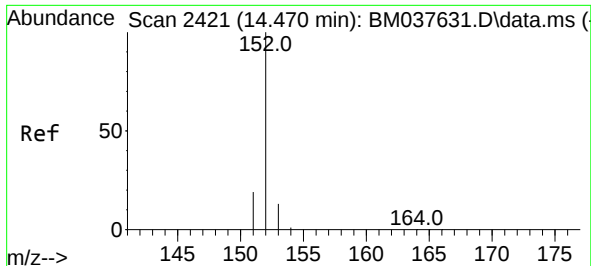
Tgt Ion:142 Resp: 11404
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:142 Resp: 12105
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

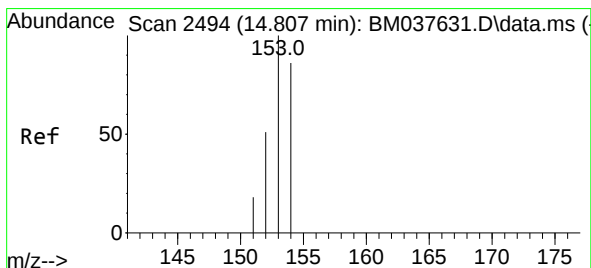
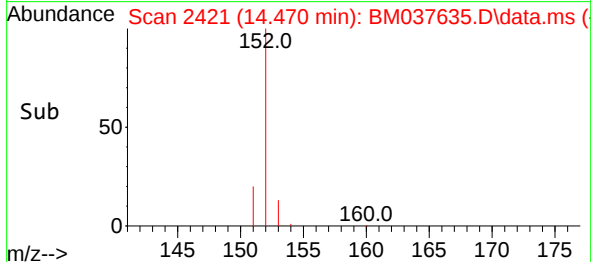
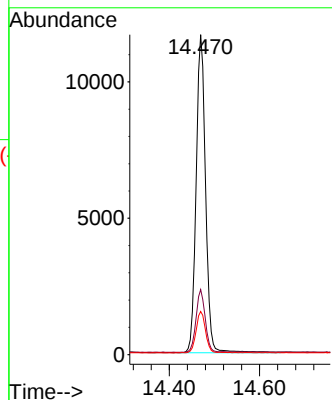
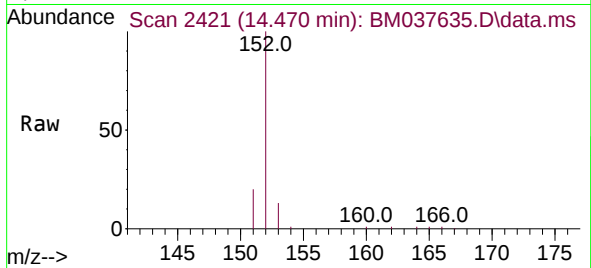




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

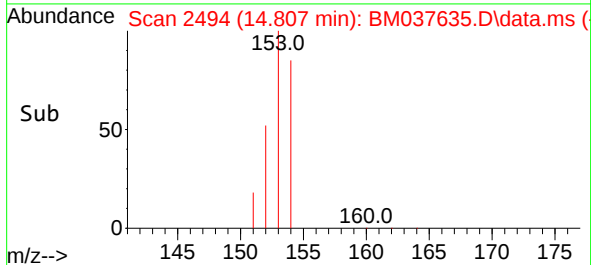
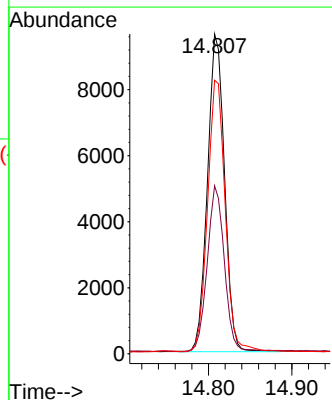
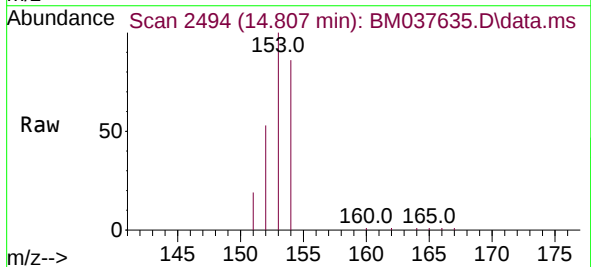
Instrument :
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ClientSampleId :
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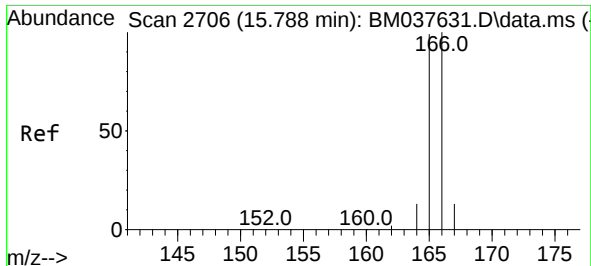
Tgt Ion:152	Resp:	16970
Ion Ratio	Lower	Upper
152	100	
151	20.3	15.9 23.9
153	13.5	11.0 16.4



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:153	Resp:	13635
Ion Ratio	Lower	Upper
153	100	
152	52.5	39.4 59.0
154	85.5	69.5 104.3

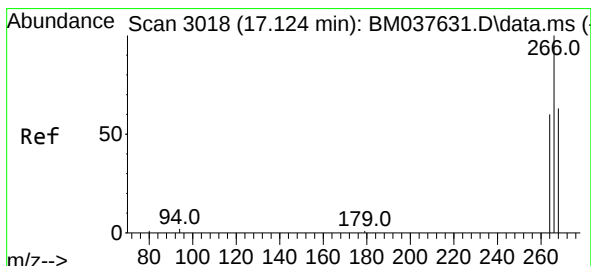
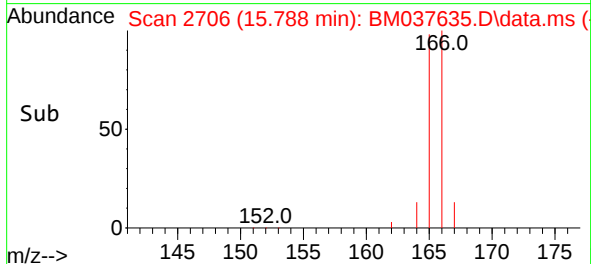
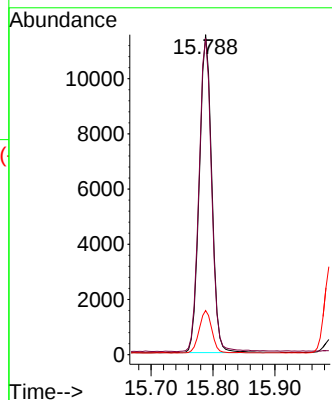
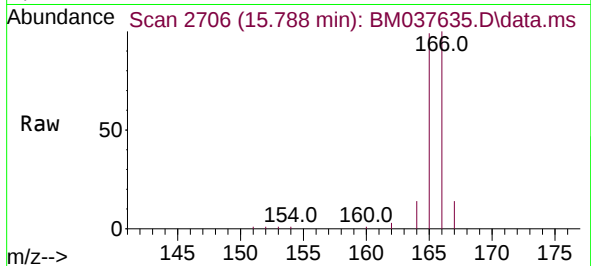




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.788 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

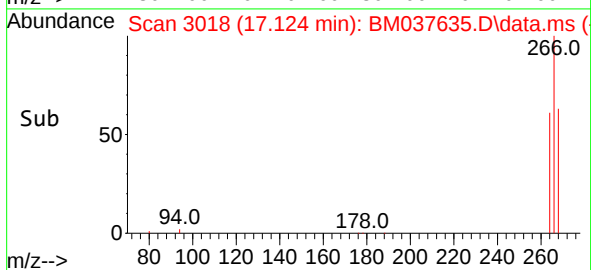
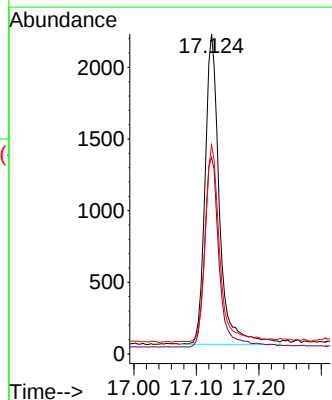
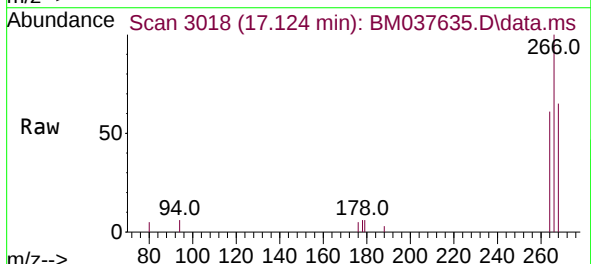
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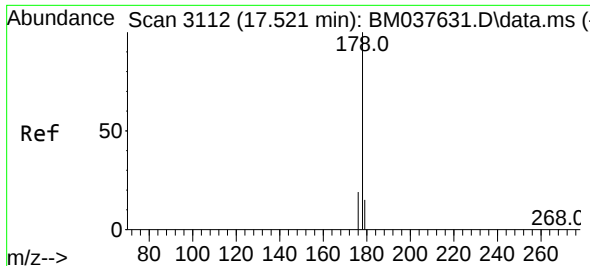
Tgt Ion:166 Resp: 16038
Ion Ratio Lower Upper
166 100
165 98.8 78.7 118.1
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.695 ng/ul
RT: 17.124 min Scan# 3018
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:266 Resp: 3457
Ion Ratio Lower Upper
266 100
264 62.3 50.2 75.2
268 63.2 52.0 78.0

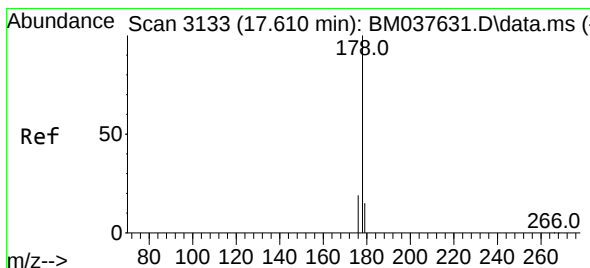
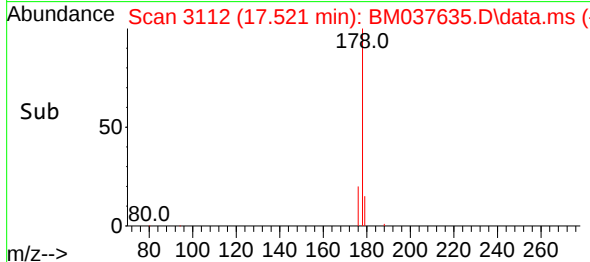
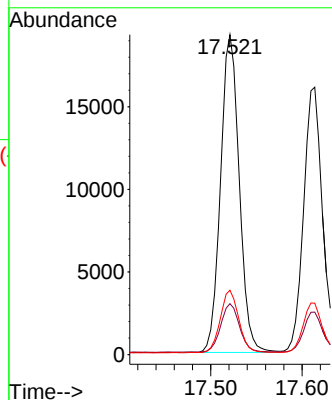
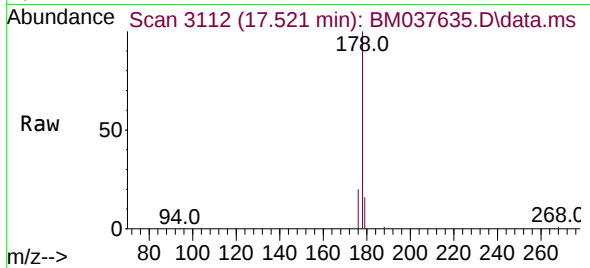




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.521 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

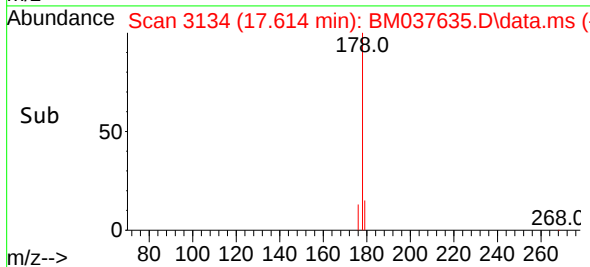
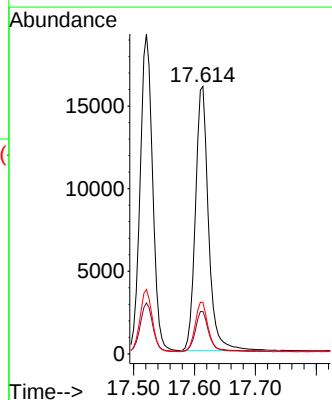
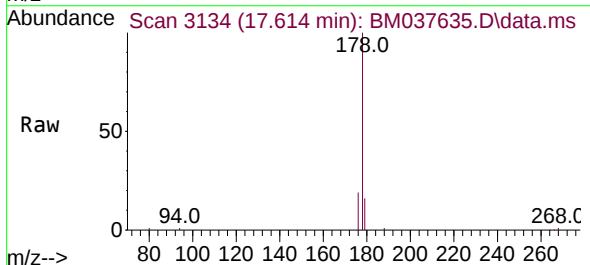
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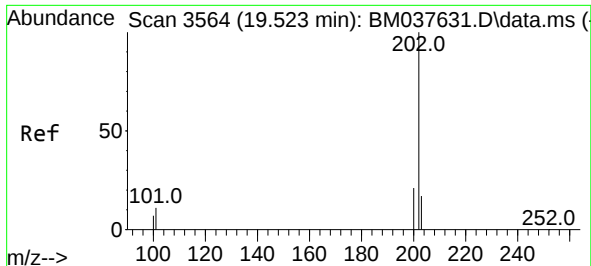
Tgt Ion:	178	Resp:	27404
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	20.1	16.0	24.0



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.614 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:	178	Resp:	23882
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.8	19.2
176	19.2	15.0	22.6

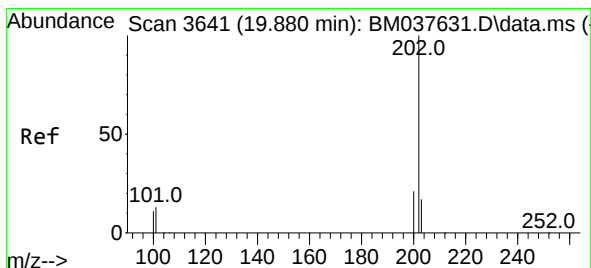
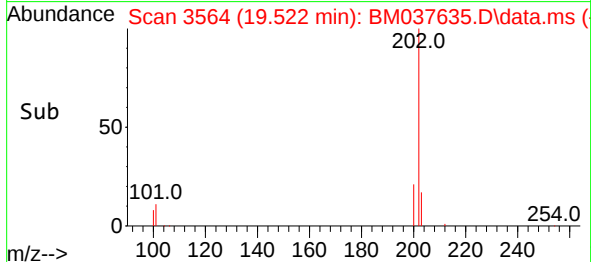
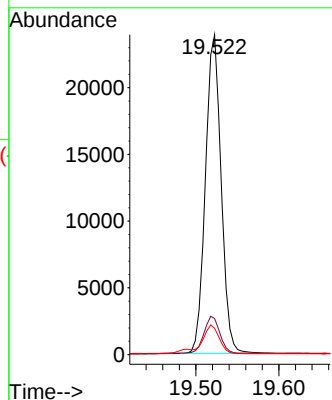
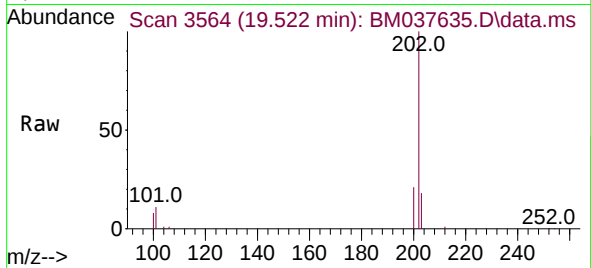




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.522 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

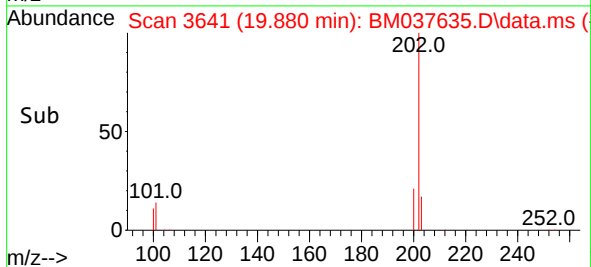
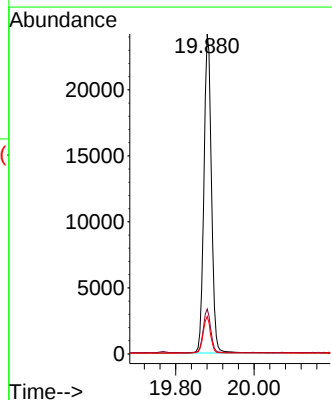
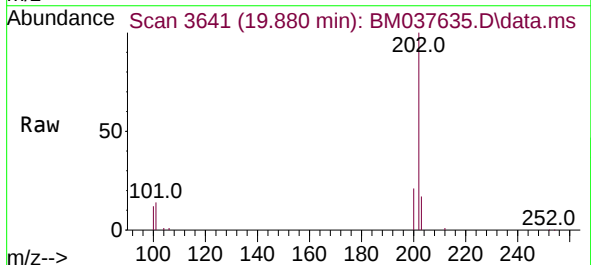
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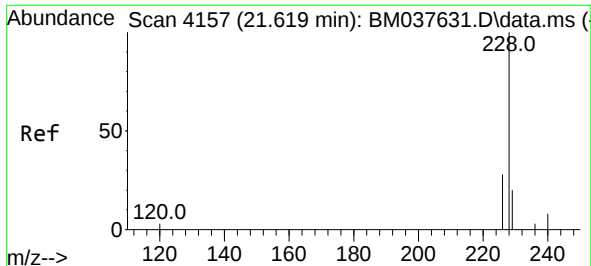
Tgt Ion:202 Resp: 31364
Ion Ratio Lower Upper
202 100
101 11.3 8.2 12.2
100 8.2 6.1 9.1



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:202 Resp: 32173
Ion Ratio Lower Upper
202 100
101 14.0 10.1 15.1
100 11.7 8.0 12.0

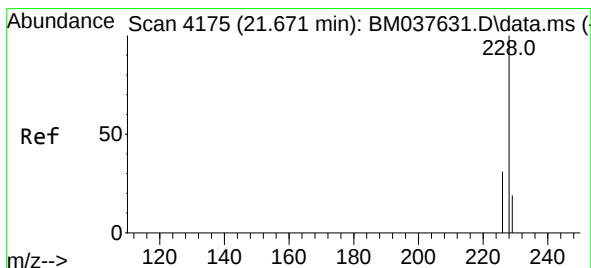
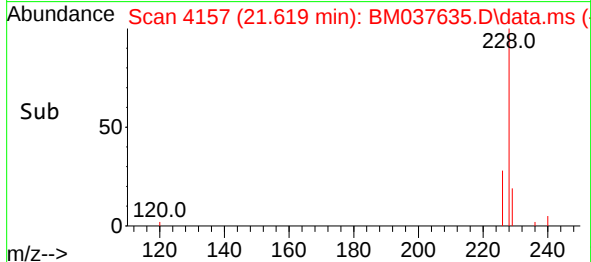
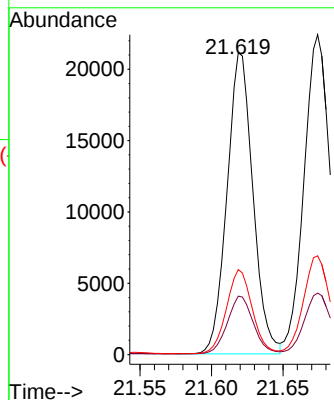
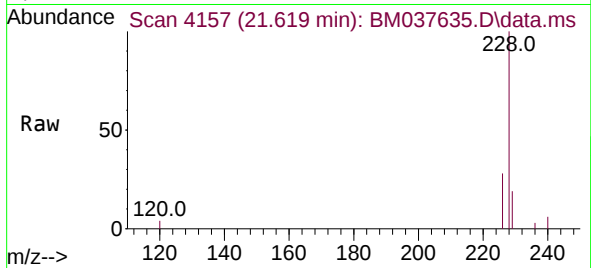




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

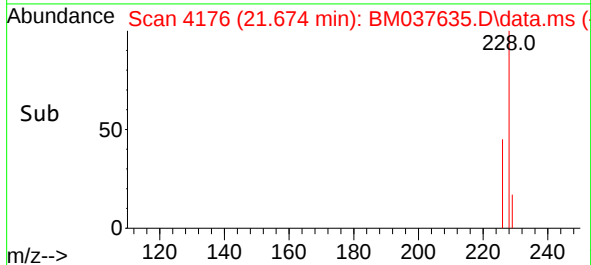
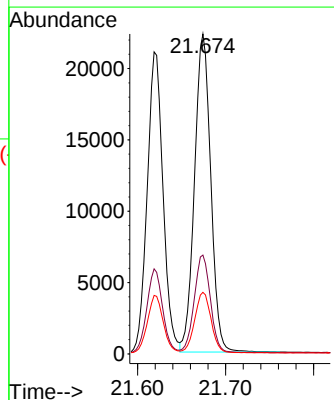
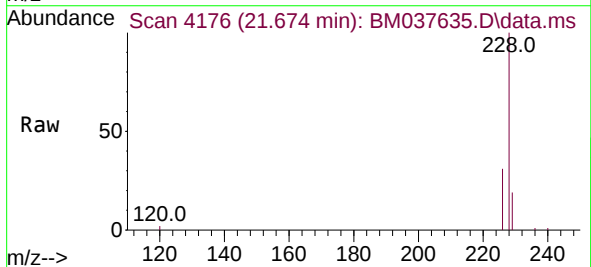
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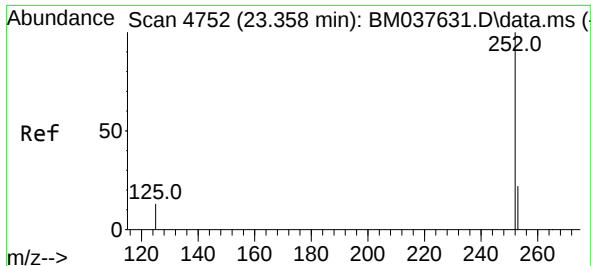
Tgt Ion:228 Resp: 26608
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

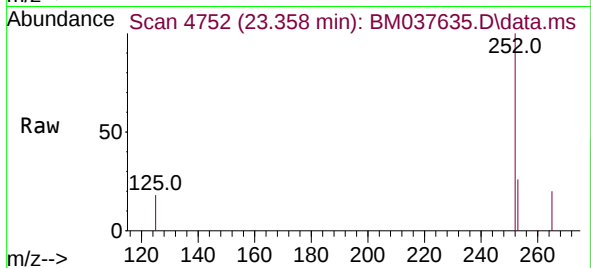
Tgt Ion:228 Resp: 28491
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.2 15.5 23.3



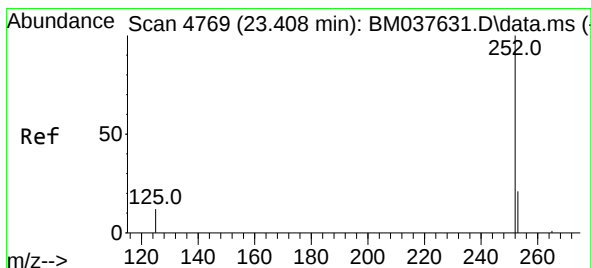
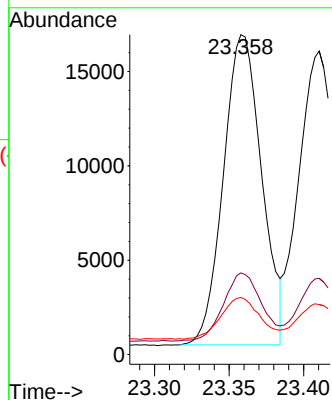
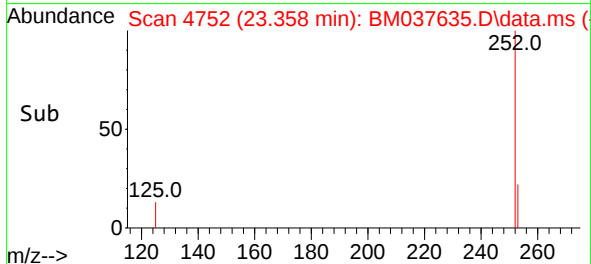


#24
Benzo(b)fluoranthene
Concen: 0.459 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

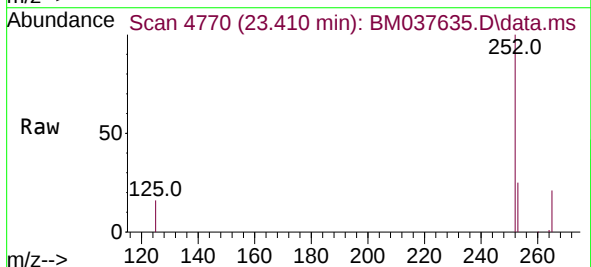
Instrument :
BNA_M
ClientSampleId :
SLCS088



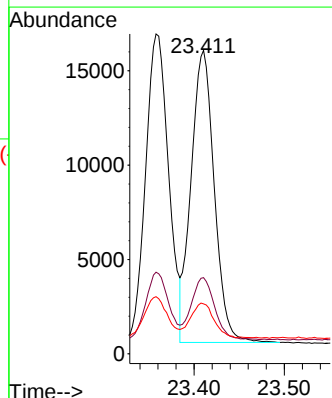
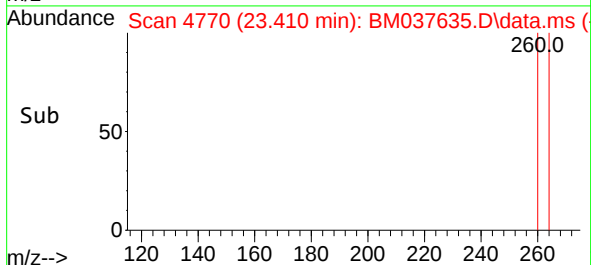
Tgt Ion:252 Resp: 29344
Ion Ratio Lower Upper
252 100
253 25.5 0.0 46.2
125 17.9 0.0 23.4

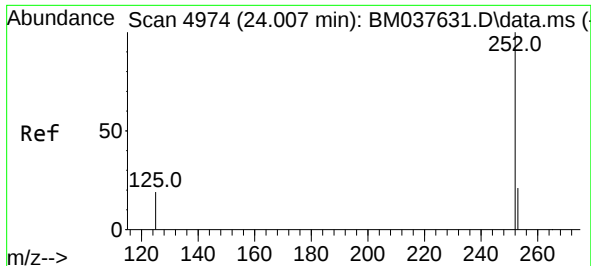


#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.410 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49



Tgt Ion:252 Resp: 27598
Ion Ratio Lower Upper
252 100
253 25.1 18.8 28.2
125 16.5 9.8 14.6#

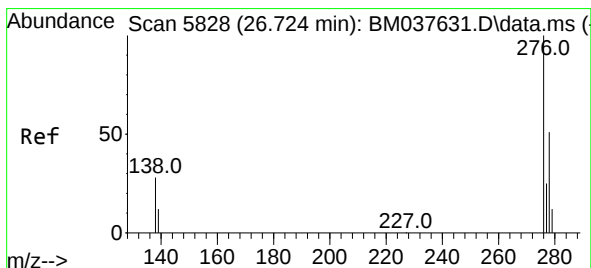
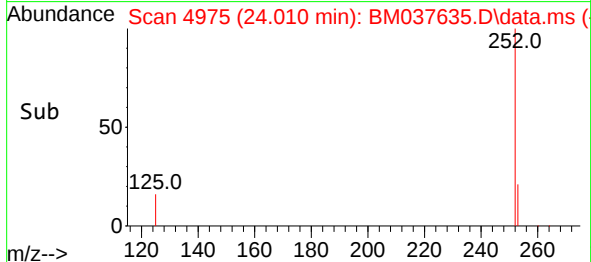
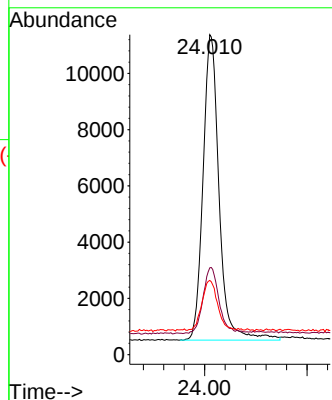
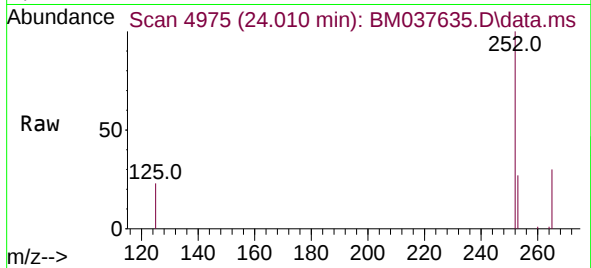




#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 24.010 min Scan# 4975
Delta R.T. -0.003 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

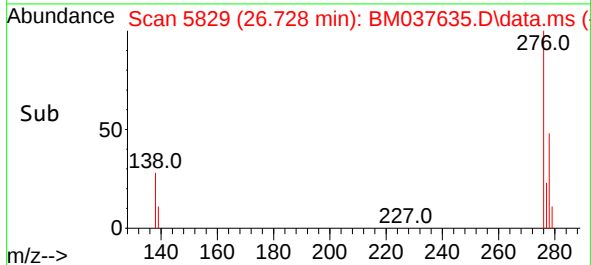
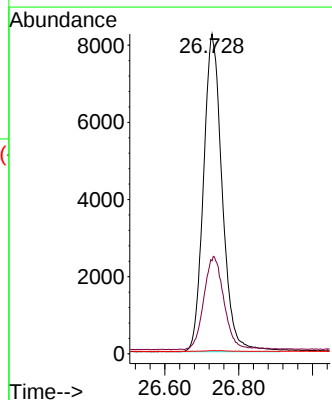
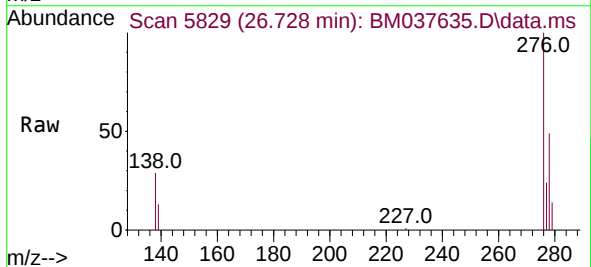
Instrument :
BNA_M
ClientSampleId :
SLCS088

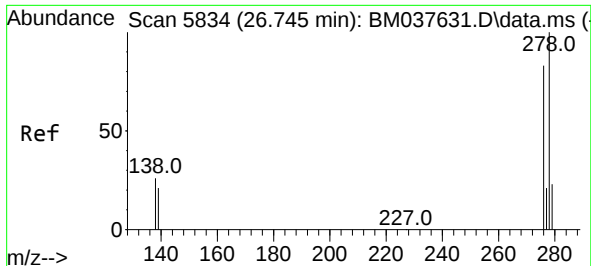
Tgt Ion:252 Resp: 23641
Ion Ratio Lower Upper
252 100
253 27.1 18.8 28.2
125 23.2 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:276 Resp: 28982
Ion Ratio Lower Upper
276 100
138 31.4 21.2 31.8
227 0.1 0.1 0.1#

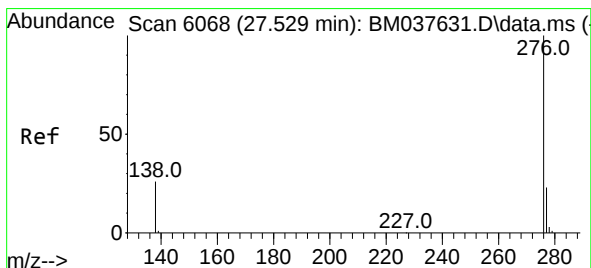
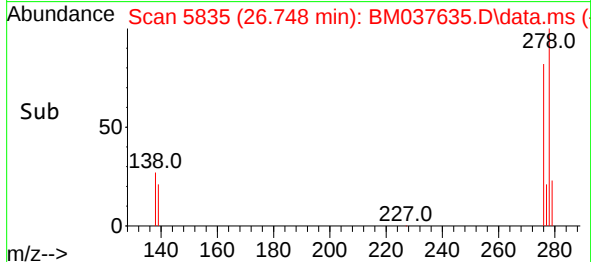
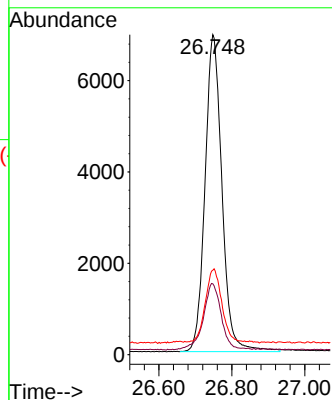
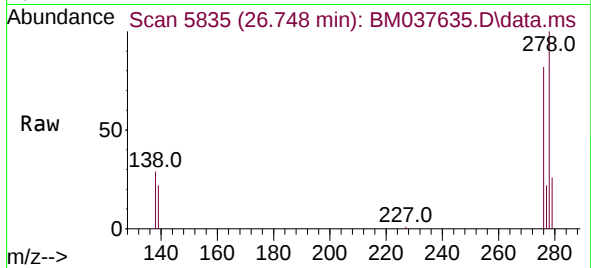




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.748 min Scan# 5834
Delta R.T. -0.000 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Instrument :
BNA_M
ClientSampleId :
SLCS088

Tgt Ion:278 Resp: 22399
Ion Ratio Lower Upper
278 100
139 22.1 15.2 22.8
279 26.4 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 27.533 min Scan# 6069
Delta R.T. -0.000 min
Lab File: BM037635.D
Acq: 22 Nov 2022 10:49

Tgt Ion:276 Resp: 24419
Ion Ratio Lower Upper
276 100
138 27.6 19.0 28.4
277 24.6 19.4 29.2

