

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100622\
 Data File : BM036841.D
 Acq On : 06 Oct 2022 13:21
 Operator : CG/JU
 Sample : SST0.167
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Quant Time: Oct 06 16:14:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 16:12:30 2022
 Response via : Initial Calibration

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

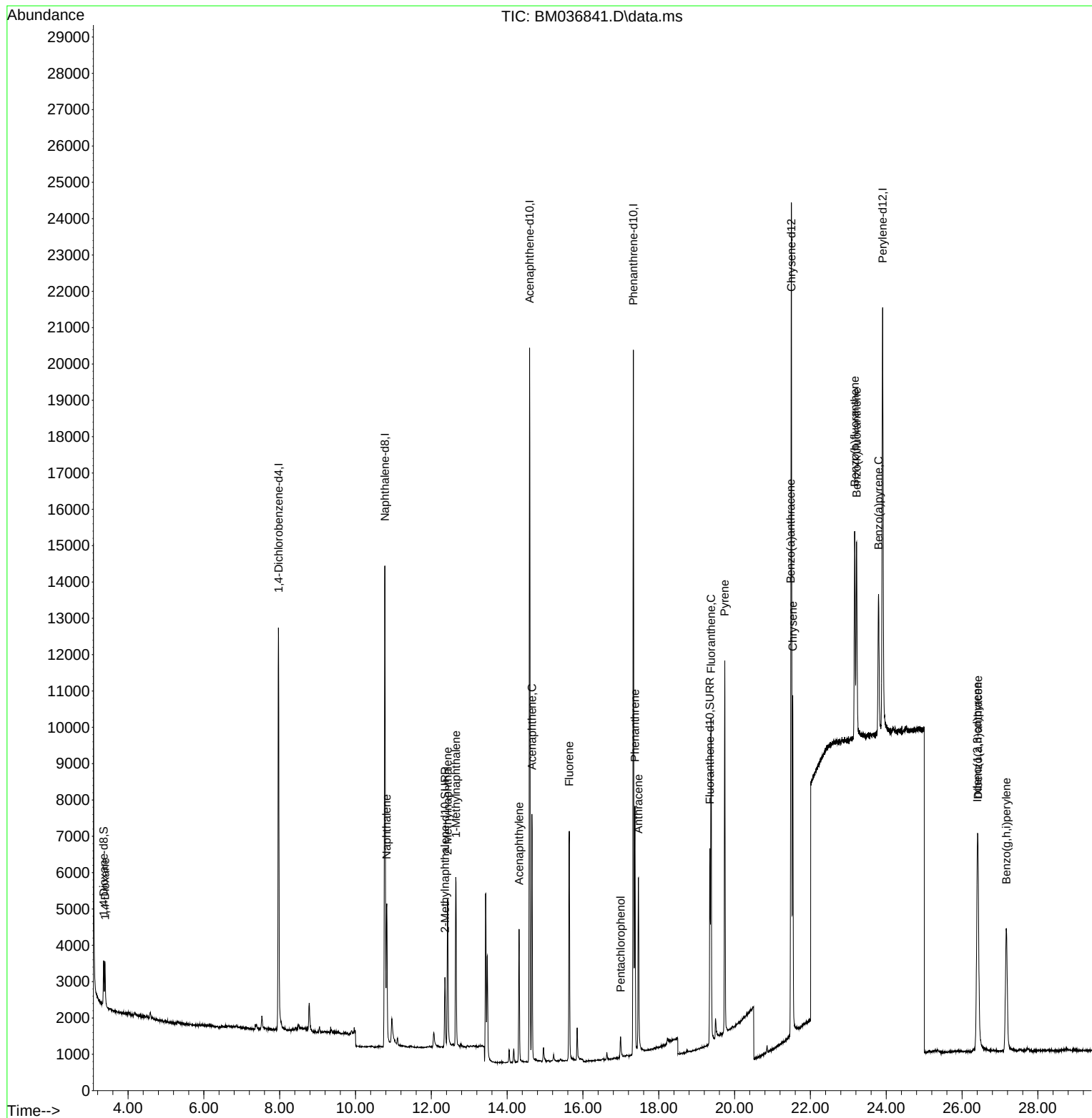
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	5913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	19449	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.594	164	10459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	22179	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	19542	0.400	ng/ul	0.00
23) Perylene-d12	23.905	264	17116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	856	0.100	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	2953	0.097	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	5761	0.095	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	758	0.093	ng/ul#	77
5) Naphthalene	10.825	128	5440	0.102	ng/ul	98
7) 2-Methylnaphthalene	12.431	142	3263	0.100	ng/ul	91
8) 1-Methylnaphthalene	12.651	142	3375	0.102	ng/ul	98
10) Acenaphthylene	14.316	152	4258	0.107	ng/ul	97
11) Acenaphthene	14.654	153	3714	0.106	ng/ul	99
12) Fluorene	15.639	166	4223	0.108	ng/ul	98
14) Pentachlorophenol	16.992	266	495	0.124	ng/ul	98
15) Phenanthrene	17.372	178	7109	0.110	ng/ul	95
16) Anthracene	17.465	178	5787	0.106	ng/ul	95
19) Fluoranthene	19.377	202	7837	0.112	ng/ul	96
20) Pyrene	19.740	202	8361	0.115	ng/ul	98
21) Benzo(a)anthracene	21.482	228	7213	0.122	ng/ul	99
22) Chrysene	21.535	228	7938	0.120	ng/ul	99
24) Benzo(b)fluoranthene	23.169	252	7771	0.114	ng/ul	74
25) Benzo(k)fluoranthene	23.218	252	7375	0.108	ng/ul#	74
26) Benzo(a)pyrene	23.797	252	6260	0.112	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.403	276	8840	0.133	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.420	278	7063	0.124	ng/ul	94
29) Benzo(g,h,i)perylene	27.168	276	7800	0.123	ng/ul	95

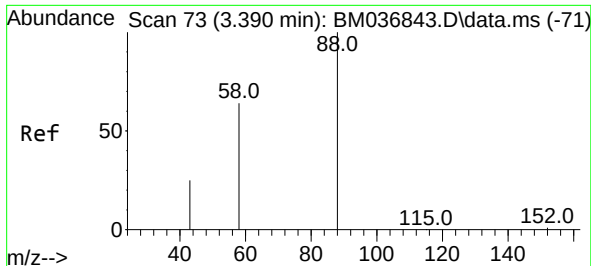
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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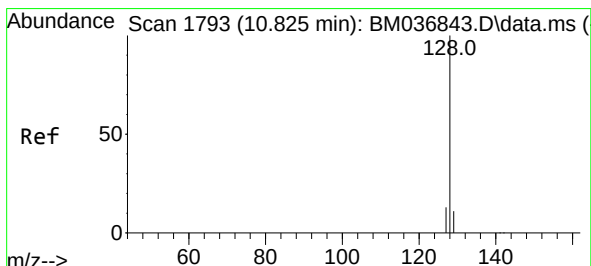
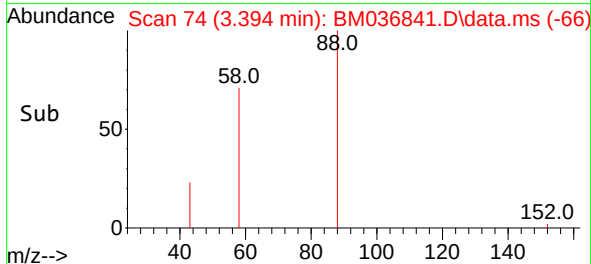
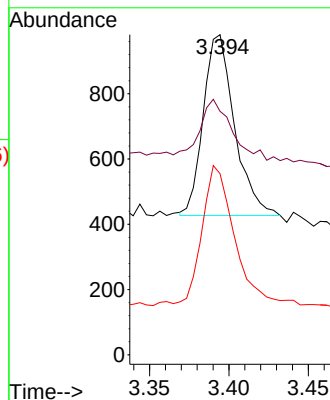
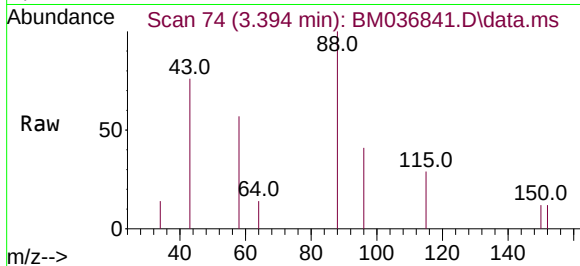




#2
1,4-Dioxane
Concen: 0.093 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.004 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

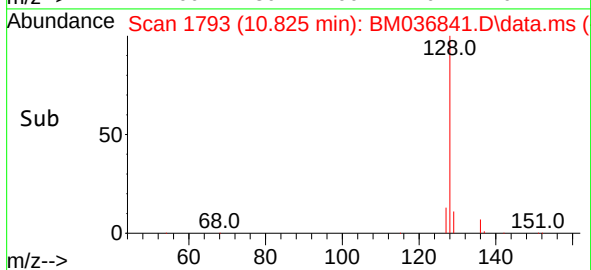
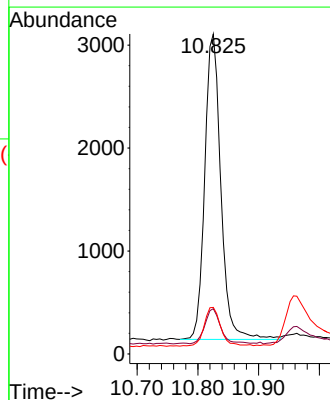
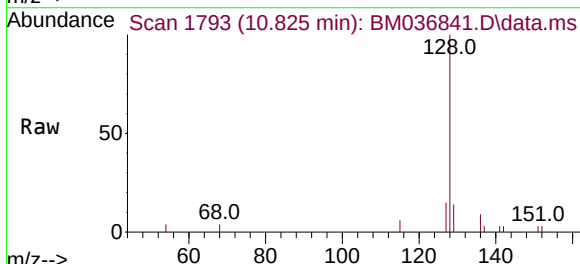
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

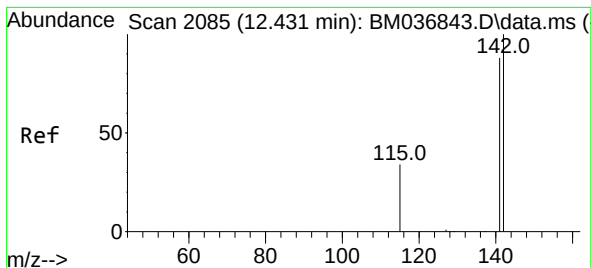
Tgt Ion: 88 Resp: 758
Ion Ratio Lower Upper
88 100
43 76.0 37.8 56.6#
58 56.6 42.6 63.8



#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.825 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Tgt Ion: 128 Resp: 5440
Ion Ratio Lower Upper
128 100
129 14.2 10.2 15.2
127 14.6 11.7 17.5

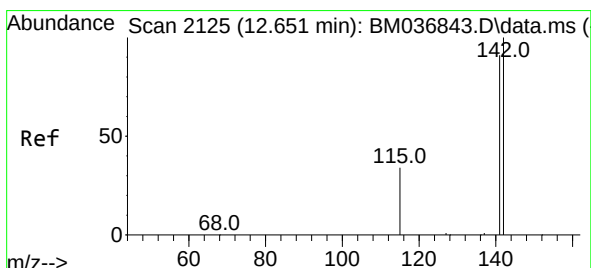
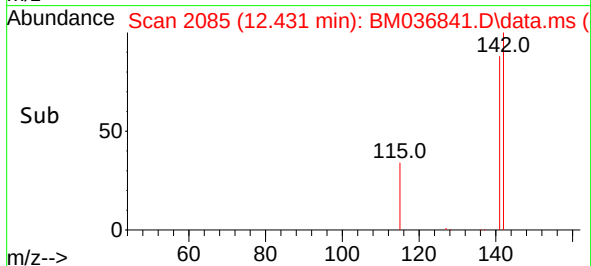
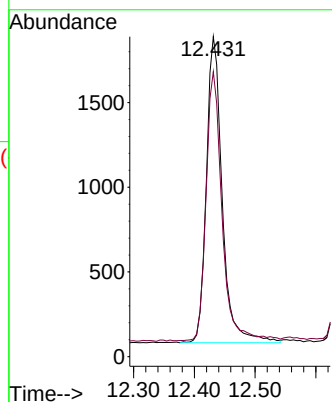
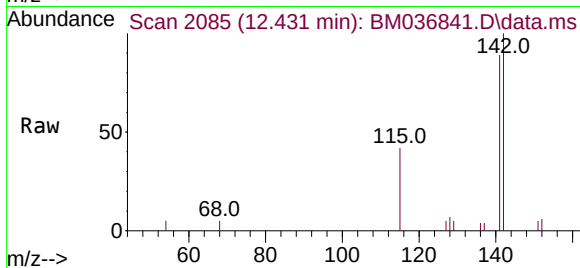




#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

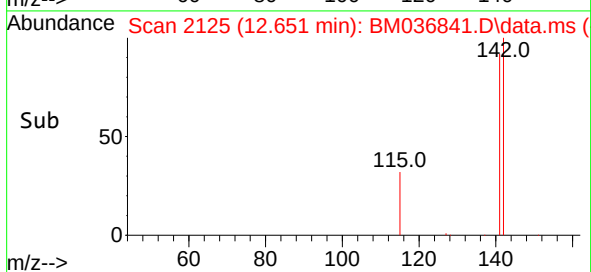
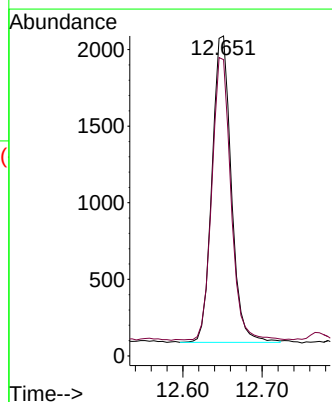
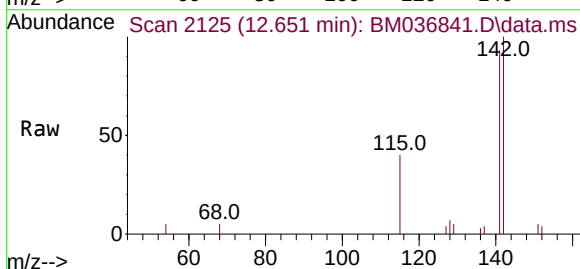
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

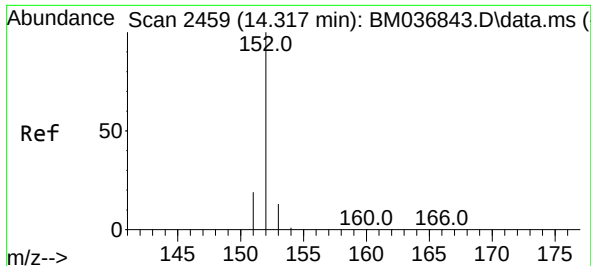
Tgt Ion:142 Resp: 3263
Ion Ratio Lower Upper
142 100
141 88.1 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.651 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Tgt Ion:142 Resp: 3375
Ion Ratio Lower Upper
142 100
141 90.6 74.1 111.1

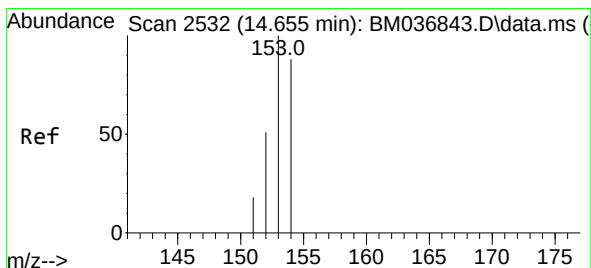
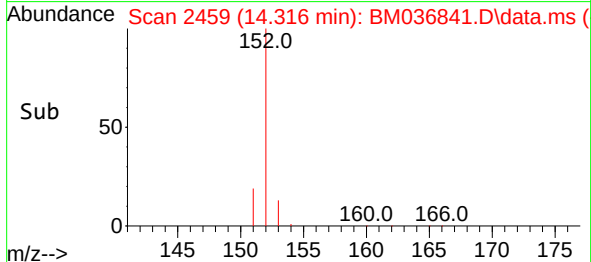
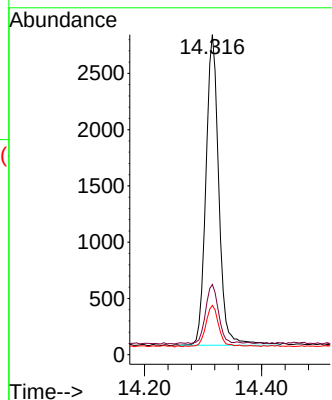
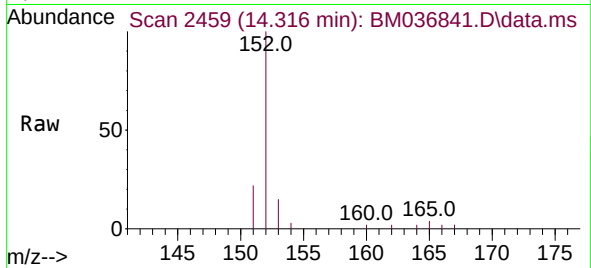




#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.316 min Scan# 2459
Delta R.T. -0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

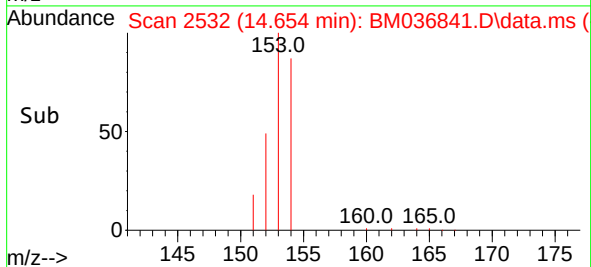
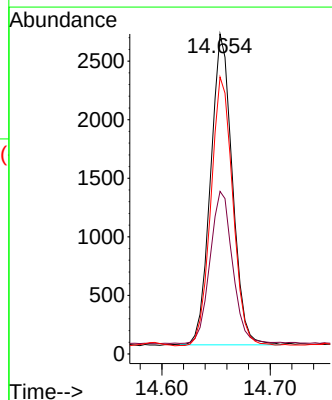
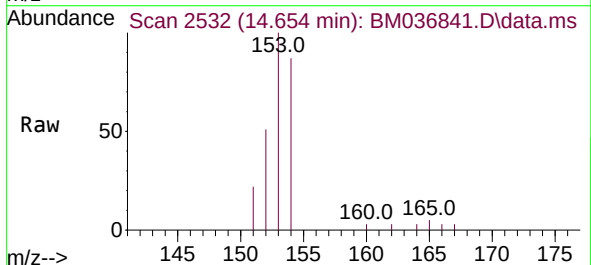
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

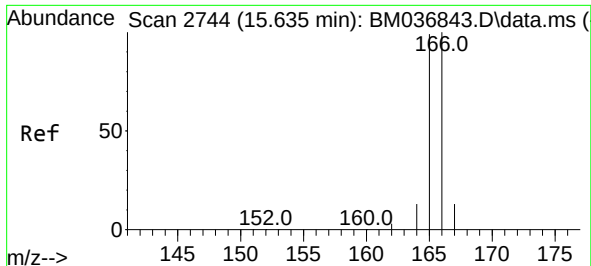
Tgt Ion:152 Resp: 4258
Ion Ratio Lower Upper
152 100
151 22.0 16.6 24.8
153 15.4 11.4 17.0



#11
Acenaphthene
Concen: 0.106 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Tgt Ion:153 Resp: 3714
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 86.5 69.7 104.5

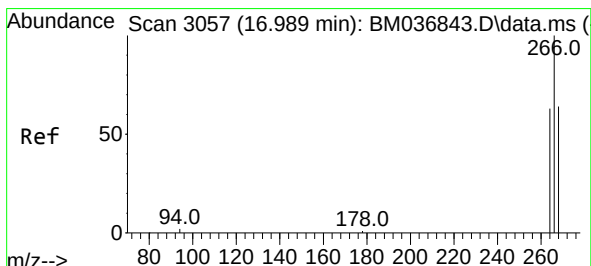
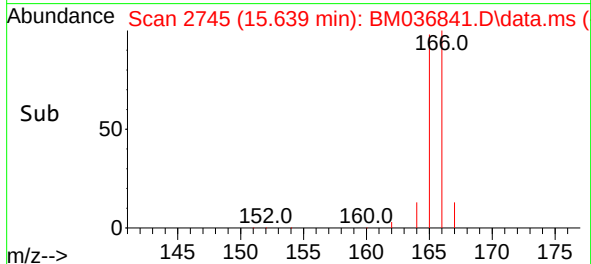
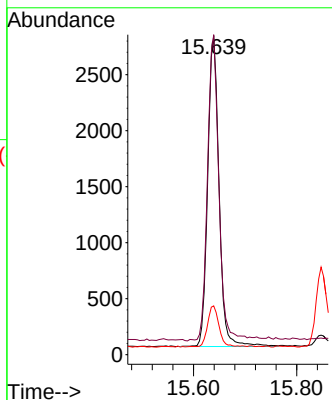
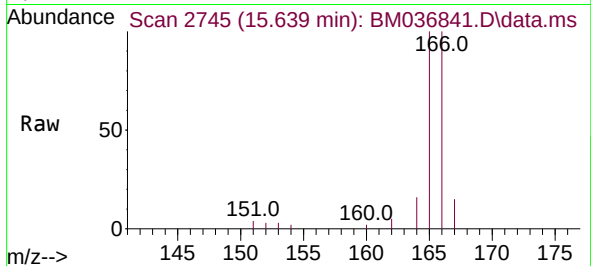




#12
 Fluorene
 Concen: 0.108 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BM036841.D
 Acq: 06 Oct 2022 13:21

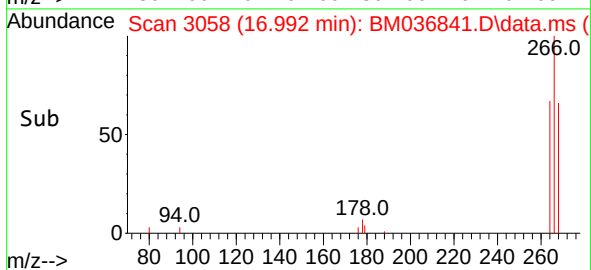
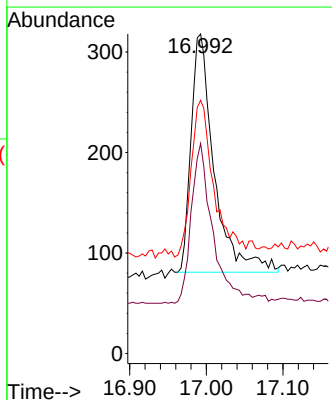
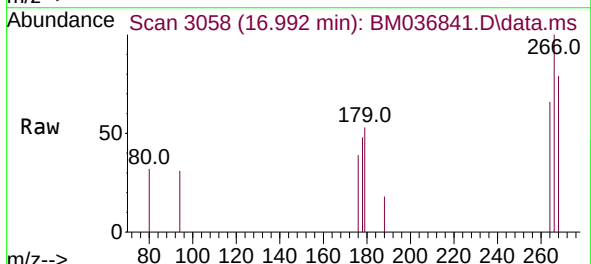
Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

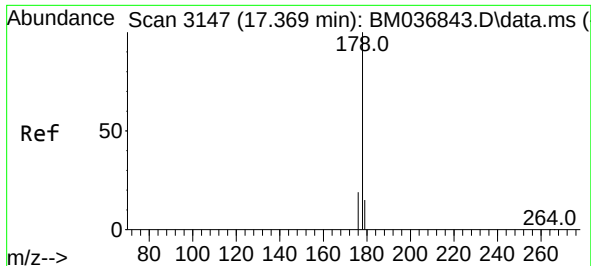
Tgt Ion:166	Resp:	4223	
Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.9	118.3
167	15.3	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.124 ng/ul
 RT: 16.992 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: BM036841.D
 Acq: 06 Oct 2022 13:21

Tgt Ion:266	Resp:	495	
Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.3	75.5
268	65.1	53.5	80.3

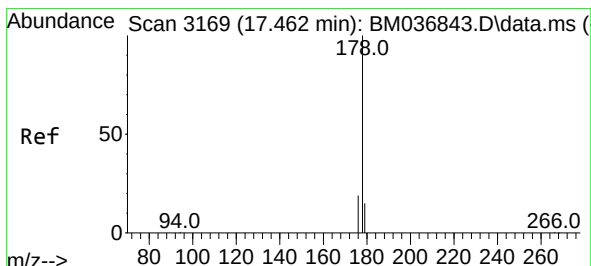
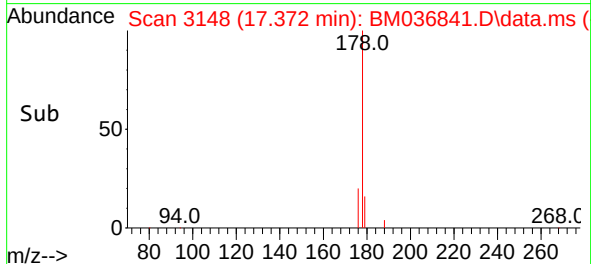
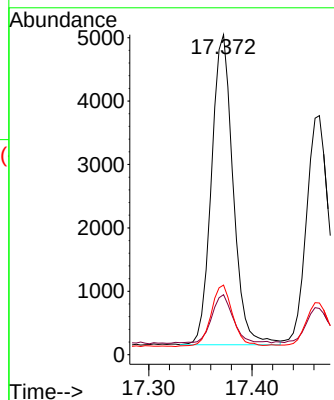
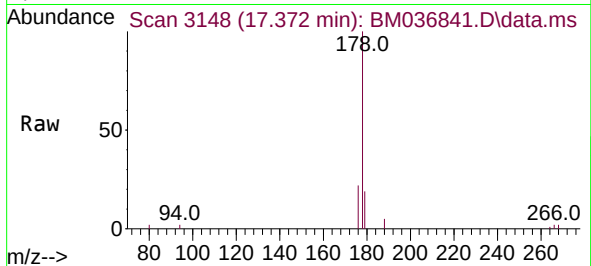




#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.372 min Scan# 3148
Delta R.T. 0.003 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

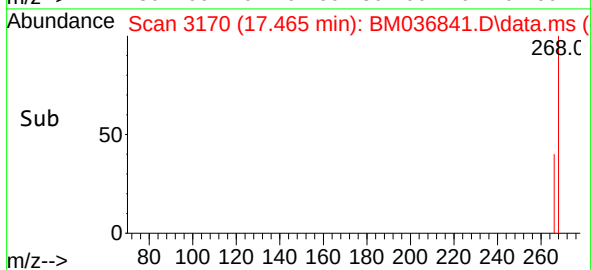
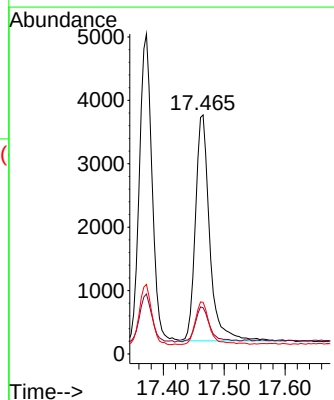
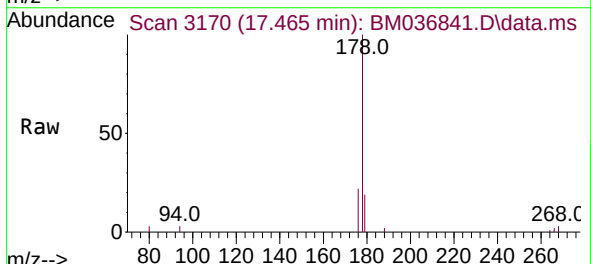
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

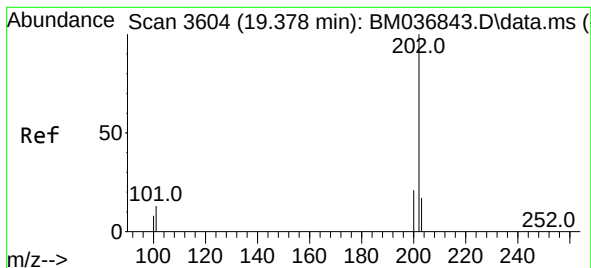
Tgt Ion:178 Resp: 7109
Ion Ratio Lower Upper
178 100
179 18.8 13.0 19.6
176 21.7 15.6 23.4



#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.465 min Scan# 3170
Delta R.T. 0.003 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Tgt Ion:178 Resp: 5787
Ion Ratio Lower Upper
178 100
179 19.3 13.6 20.4
176 21.6 15.6 23.4





#19

Fluoranthene

Concen: 0.112 ng/ul

RT: 19.377 min Scan# 3604

Delta R.T. -0.001 min

Lab File: BM036841.D

Acq: 06 Oct 2022 13:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022

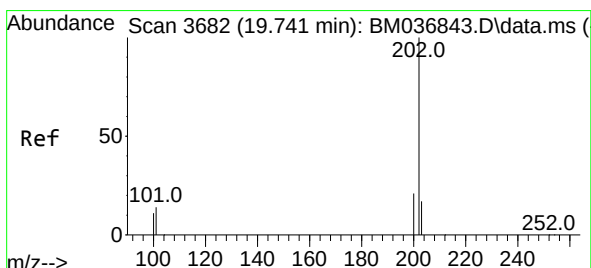
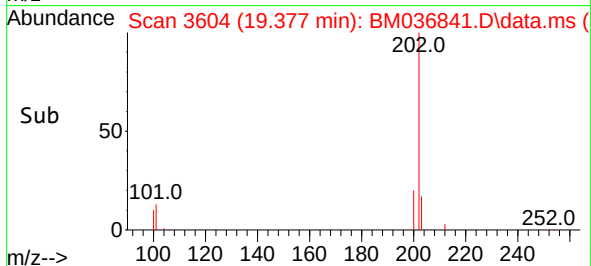
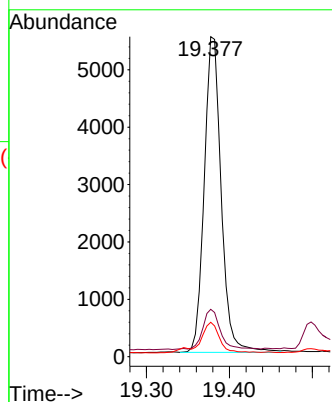
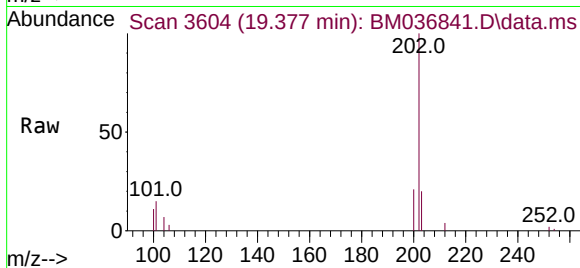
Tgt Ion:202 Resp: 7837

Ion Ratio Lower Upper

202 100

101 14.8 10.1 15.1

100 10.7 7.9 11.9



#20

Pyrene

Concen: 0.115 ng/ul

RT: 19.740 min Scan# 3682

Delta R.T. -0.001 min

Lab File: BM036841.D

Acq: 06 Oct 2022 13:21

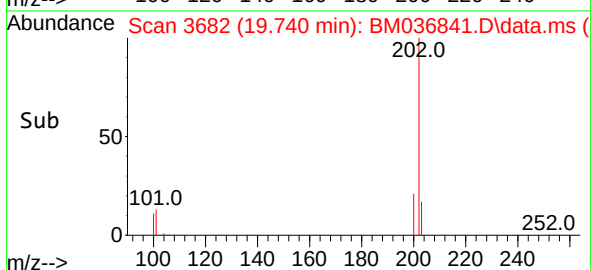
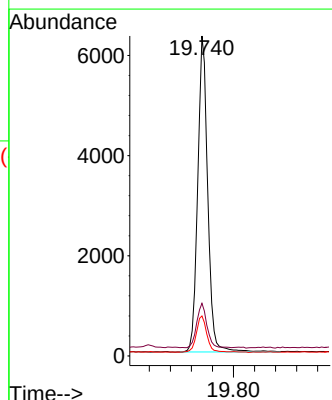
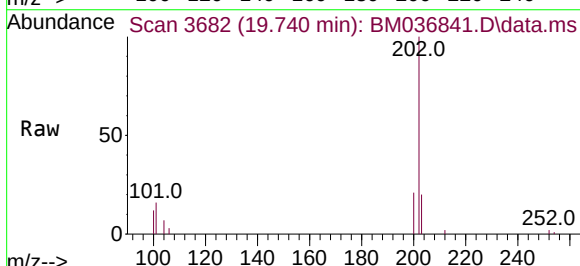
Tgt Ion:202 Resp: 8361

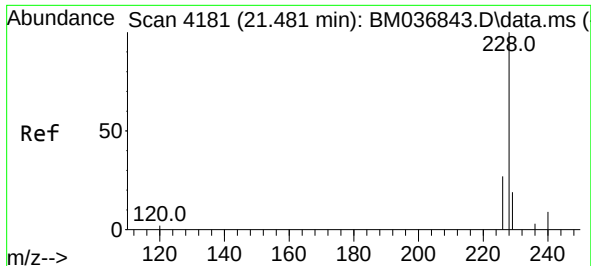
Ion Ratio Lower Upper

202 100

101 16.4 12.0 18.0

100 12.5 9.8 14.6

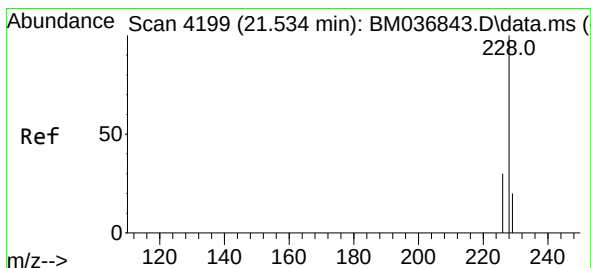
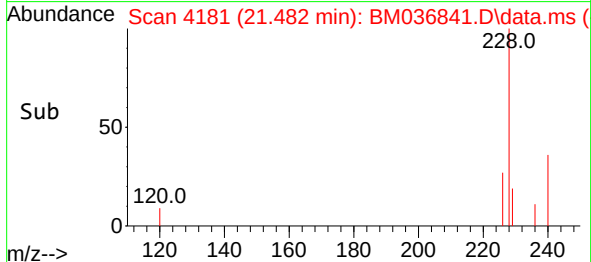
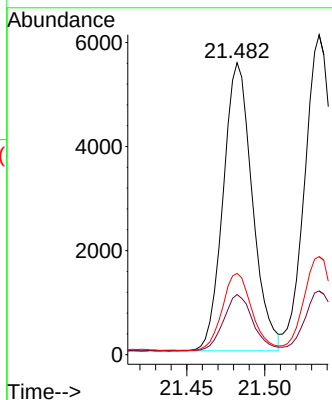
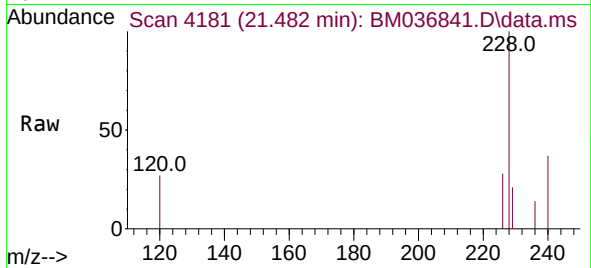




#21
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

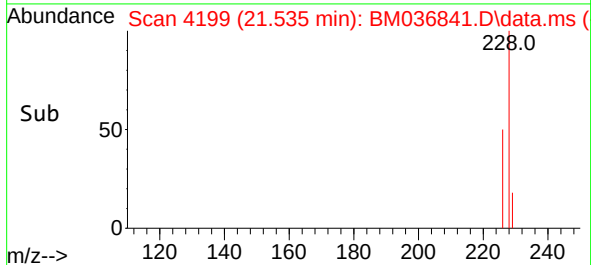
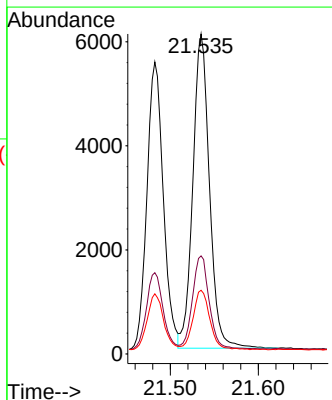
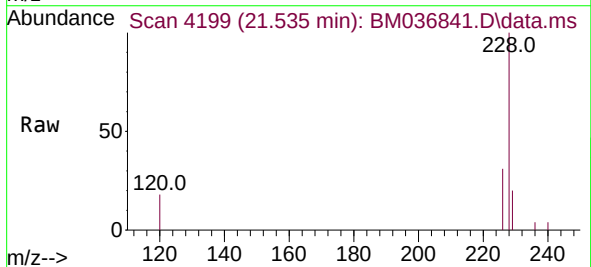
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

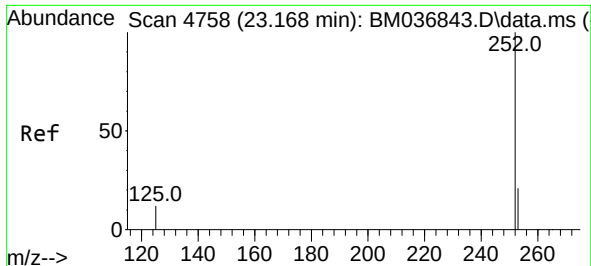
Tgt Ion:228 Resp: 7213
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. 0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

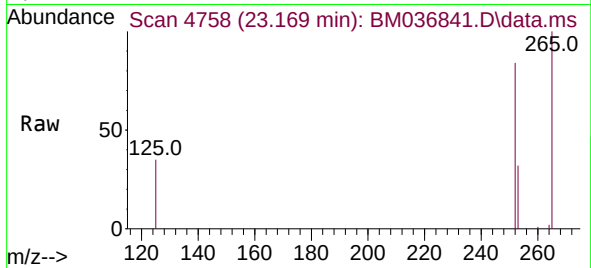
Tgt Ion:228 Resp: 7938
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.9 16.4 24.6



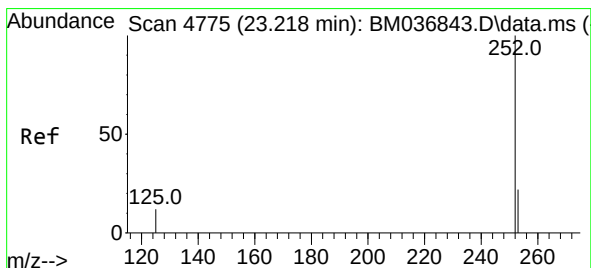
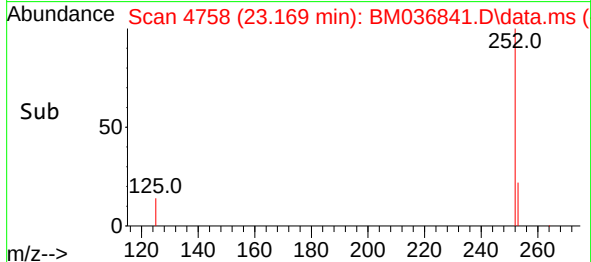
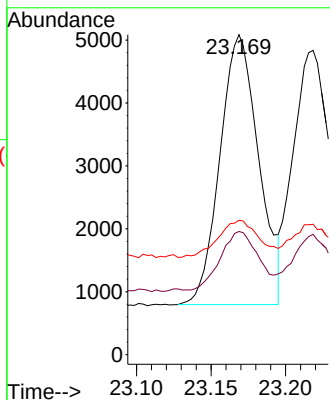


#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul
RT: 23.169 min Scan# 4758
Delta R.T. 0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

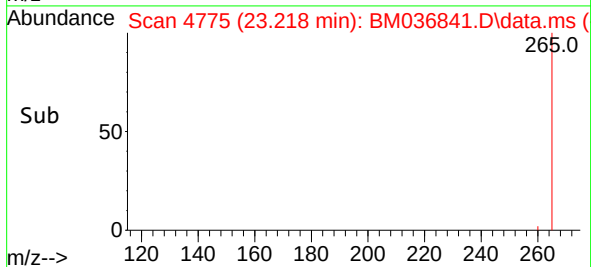
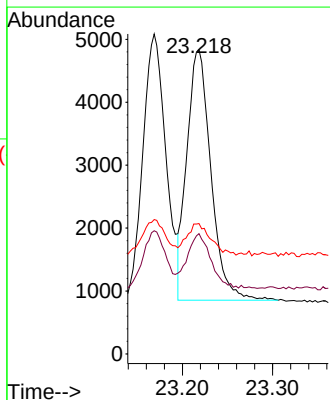
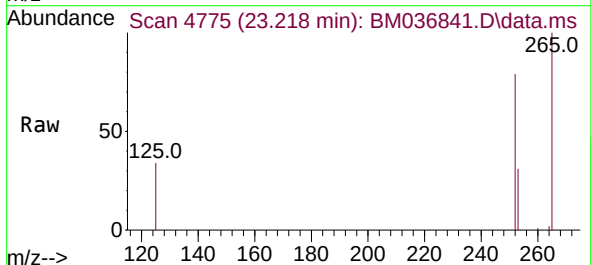


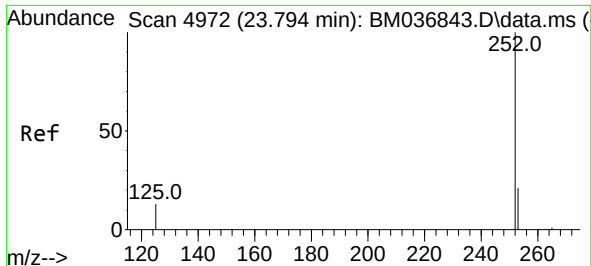
Tgt Ion:252 Resp: 7771
Ion Ratio Lower Upper
252 100
253 38.5 0.0 61.4
125 42.0 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul
RT: 23.218 min Scan# 4775
Delta R.T. 0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

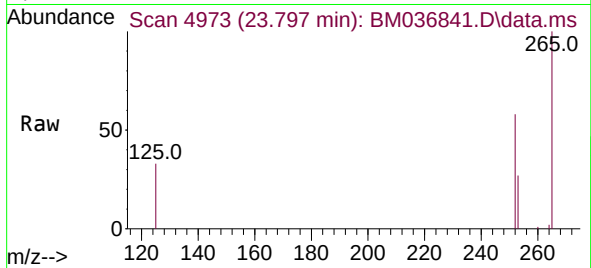
Tgt Ion:252 Resp: 7375
Ion Ratio Lower Upper
252 100
253 39.5 25.2 37.8#
125 42.8 18.3 27.5#



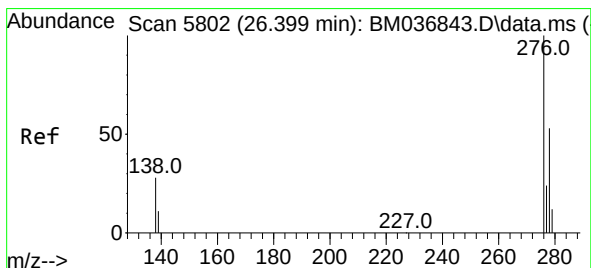
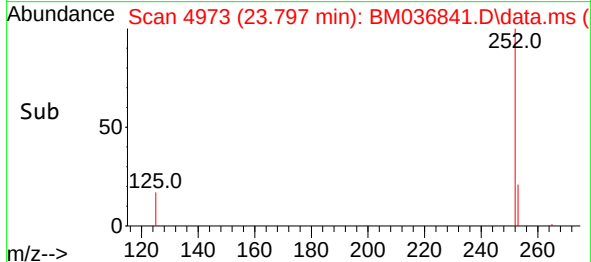
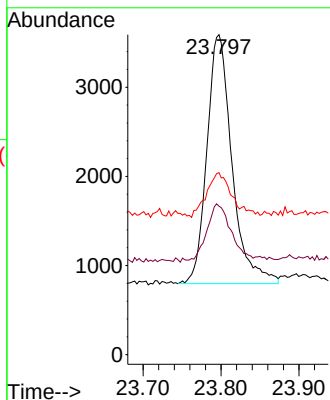


#26
Benzo(a)pyrene
Concen: 0.112 ng/ul
RT: 23.797 min Scan# 4972
Delta R.T. 0.004 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

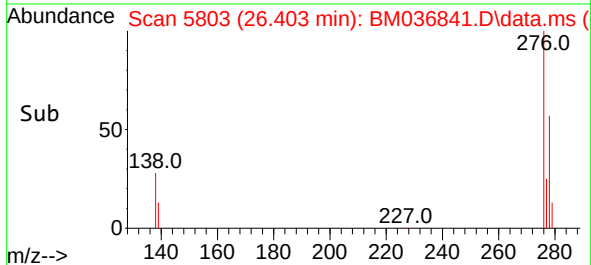
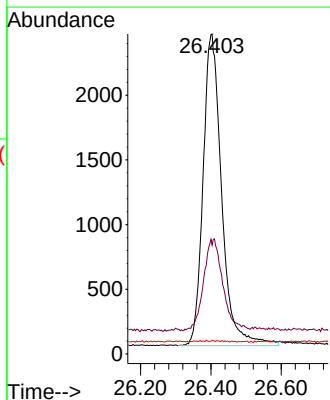
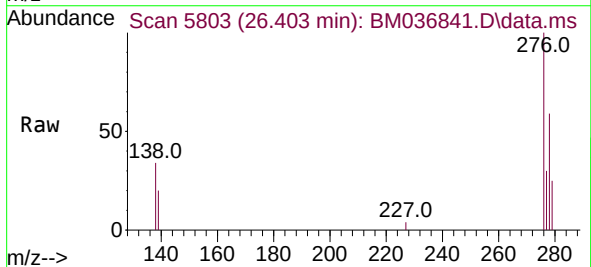


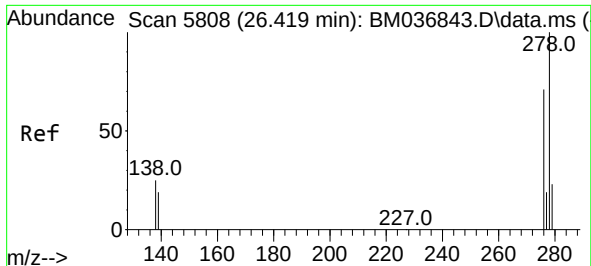
Tgt Ion:252 Resp: 6260
Ion Ratio Lower Upper
252 100
253 46.4 29.7 44.5#
125 56.9 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 26.403 min Scan# 5803
Delta R.T. 0.004 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Tgt Ion:276 Resp: 8840
Ion Ratio Lower Upper
276 100
138 0.0 23.9 35.9#
227 0.1 0.1 0.1#

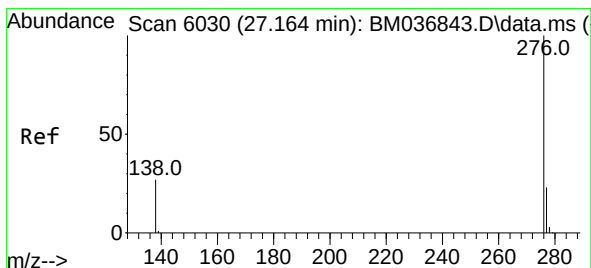
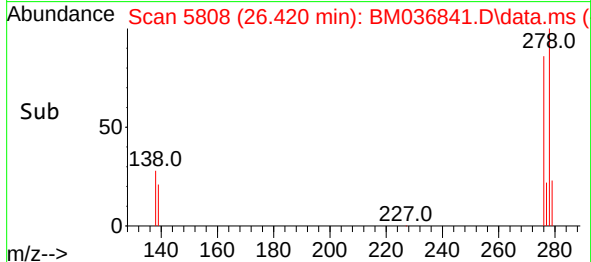
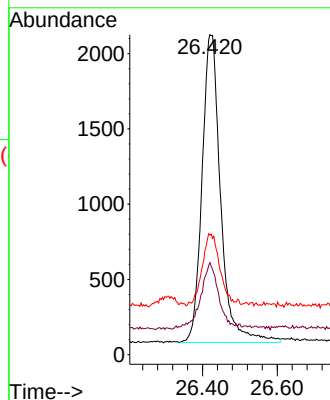
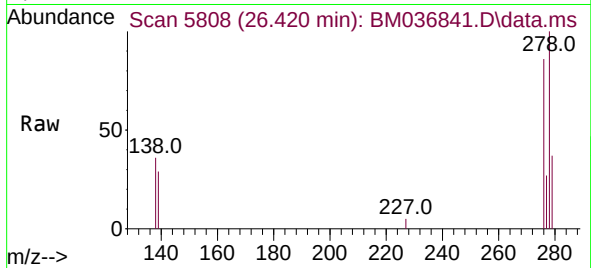




#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.420 min Scan# 5808
Delta R.T. 0.001 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:278 Resp: 7063
Ion Ratio Lower Upper
278 100
139 28.7 19.8 29.6
279 37.3 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 27.168 min Scan# 6031
Delta R.T. 0.004 min
Lab File: BM036841.D
Acq: 06 Oct 2022 13:21

Tgt Ion:276 Resp: 7800
Ion Ratio Lower Upper
276 100
138 32.0 23.4 35.0
277 28.6 21.0 31.4

