

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036420.D
 Acq On : 26 Aug 2022 11:26
 Operator : CG/JU
 Sample : SST0.257
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2009

Quant Time: Aug 26 13:28:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 13:25:55 2022
 Response via : Initial Calibration

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

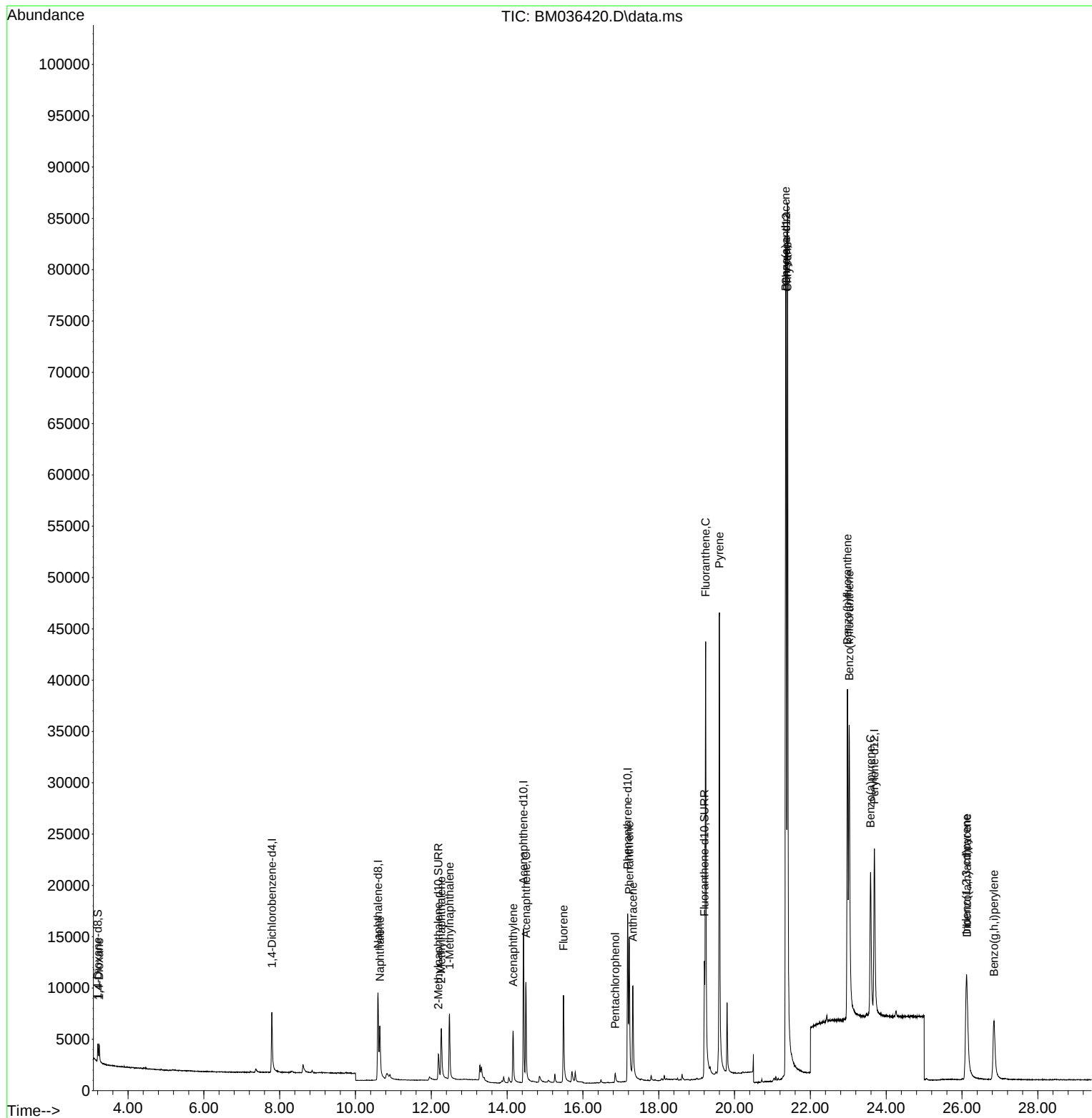
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	4048	0.400	ng/ul	0.00
4) Naphthalene-d8	10.594	136	15930	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.432	164	9193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.179	188	23944	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	59934	0.400	ng/ul #	0.00
23) Perylene-d12	23.688	264	25199	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1190	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	5071	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	13148	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1075	0.198	ng/ul#	52
5) Naphthalene	10.644	128	9169	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	5367	0.176	ng/ul	94
8) 1-Methylnaphthalene	12.481	142	5457	0.189	ng/ul	98
10) Acenaphthylene	14.160	152	7723	0.160	ng/ul	99
11) Acenaphthene	14.497	153	6205	0.167	ng/ul	98
12) Fluorene	15.487	166	7316	0.171	ng/ul	99
14) Pentachlorophenol	16.854	266	921	0.244	ng/ul	99
15) Phenanthrene	17.221	178	17259	0.199	ng/ul	99
16) Anthracene	17.318	178	13748	0.191	ng/ul	99
19) Fluoranthene	19.239	202	45507	0.152	ng/ul	97
20) Pyrene	19.601	202	47293	0.141	ng/ul	95
21) Benzo(a)anthracene	21.347	228	57902	0.279	ng/ul	98
22) Chrysene	21.397	228	82960	0.311	ng/ul	98
24) Benzo(b)fluoranthene	22.978	252	44381	0.411	ng/ul	89
25) Benzo(k)fluoranthene	23.025	252	44282	0.401	ng/ul#	86
26) Benzo(a)pyrene	23.589	252	26571	0.241	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.114	276	18108	0.151	ng/ul	92
28) Dibenzo(a,h)anthracene	26.131	278	15313	0.161	ng/ul	95
29) Benzo(g,h,i)perylene	26.845	276	16250	0.147	ng/ul	96

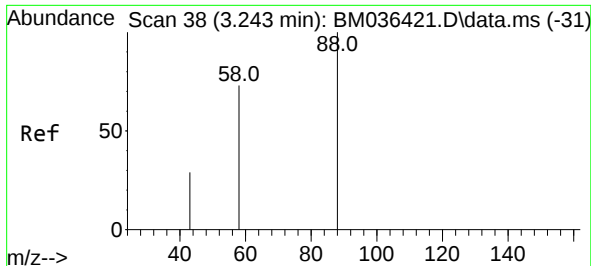
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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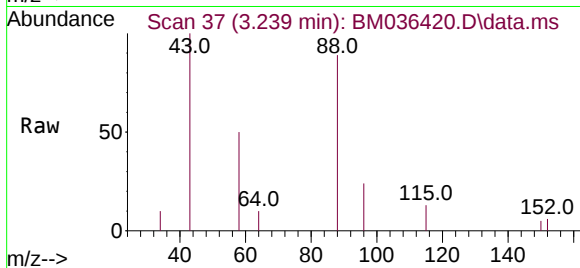
Quant Time: Aug 26 13:28:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 13:25:55 2022
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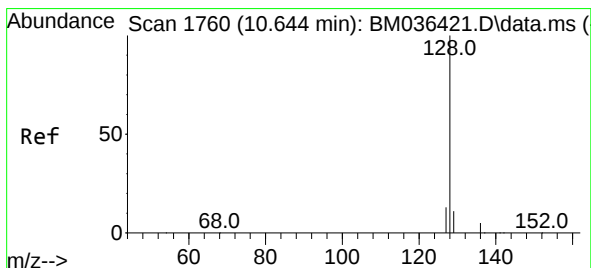
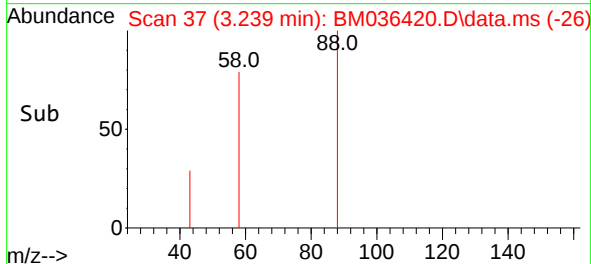
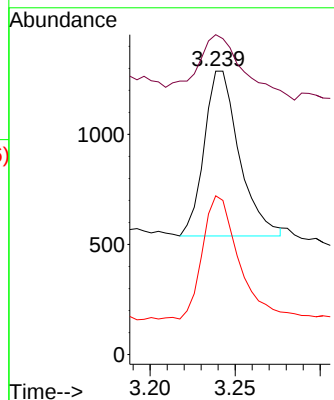
#2
1,4-Dioxane
Concen: 0.198 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009



Tgt Ion: 88 Resp: 1075

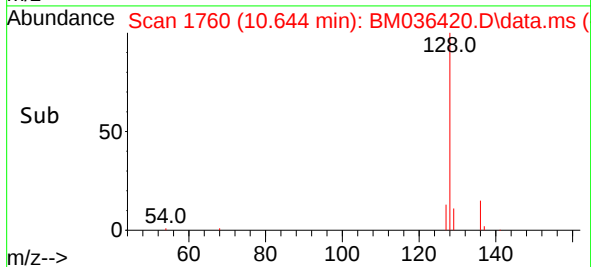
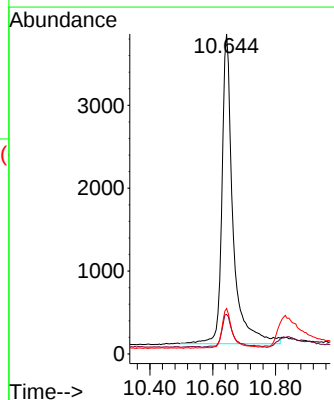
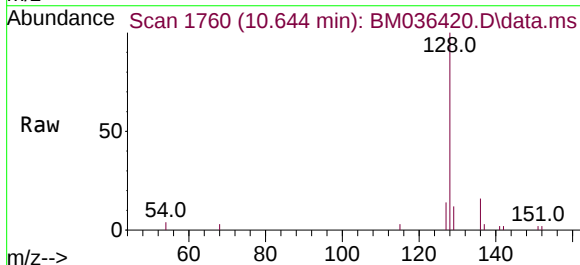
Ion	Ratio	Lower	Upper
88	100		
43	112.9	37.8	56.6#
58	56.0	42.6	63.8

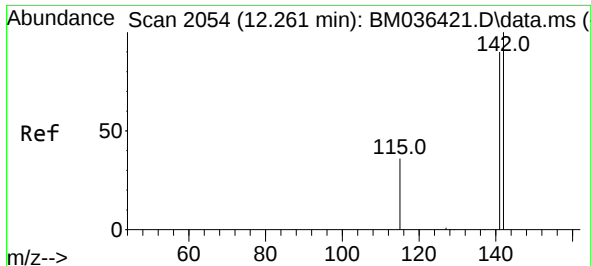


#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion: 128 Resp: 9169

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.2	15.2
127	14.2	11.7	17.5

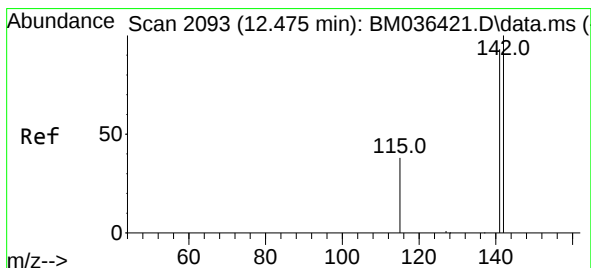
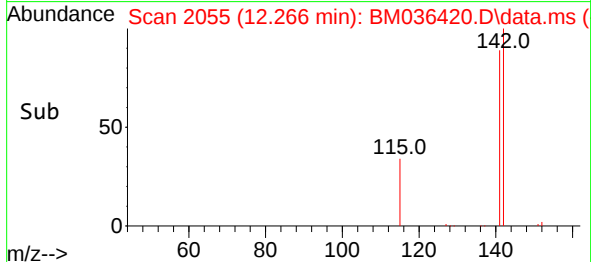
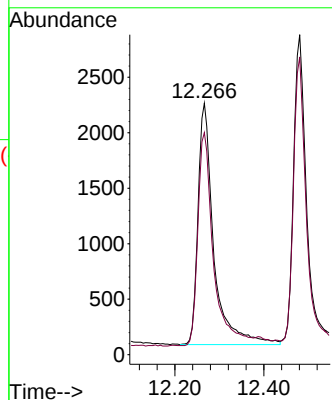
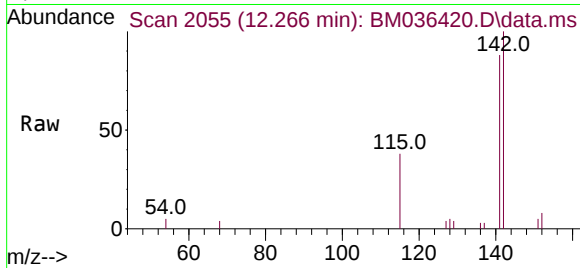




#7
2-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.266 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

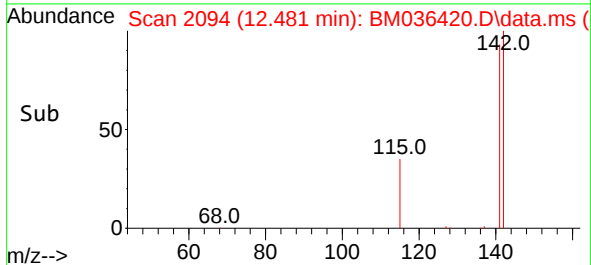
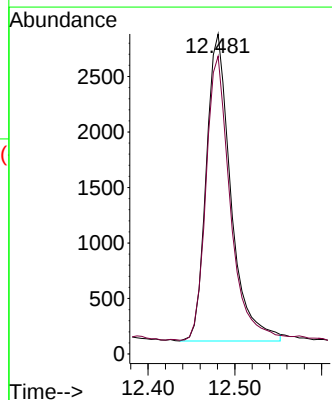
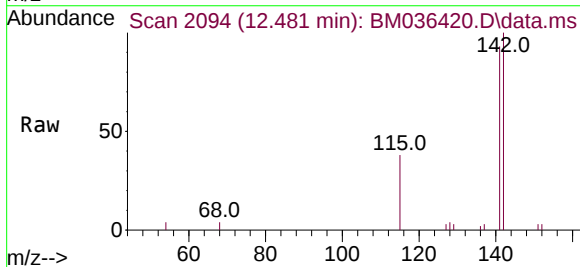
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

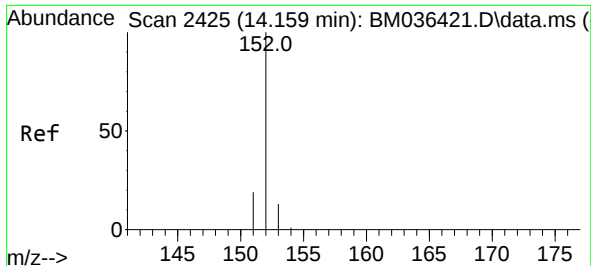
Tgt Ion:142 Resp: 5367
Ion Ratio Lower Upper
142 100
141 90.6 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.005 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion:142 Resp: 5457
Ion Ratio Lower Upper
142 100
141 90.7 74.1 111.1

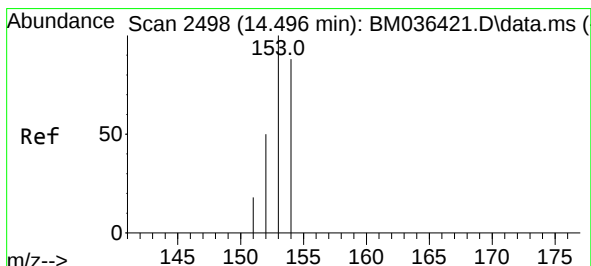
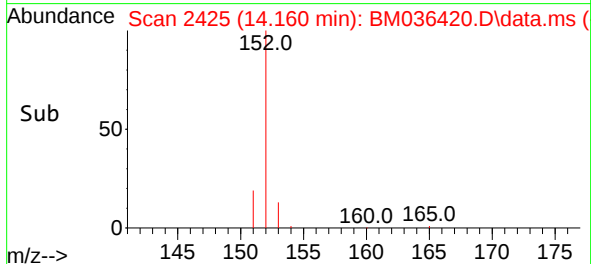
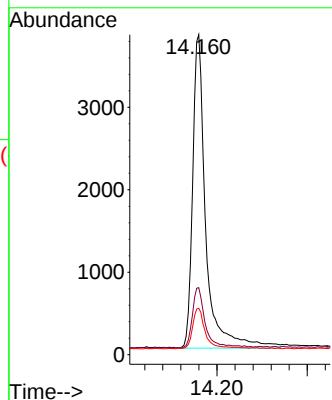
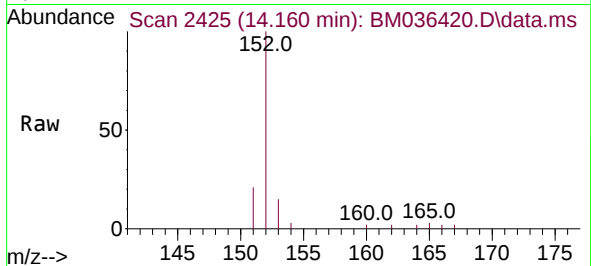




#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 14.160 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

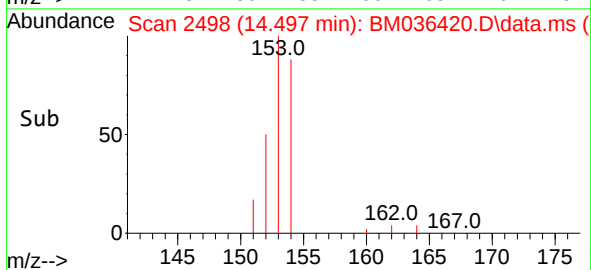
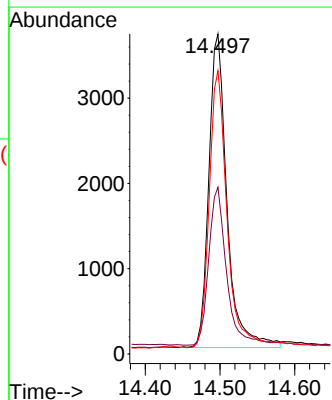
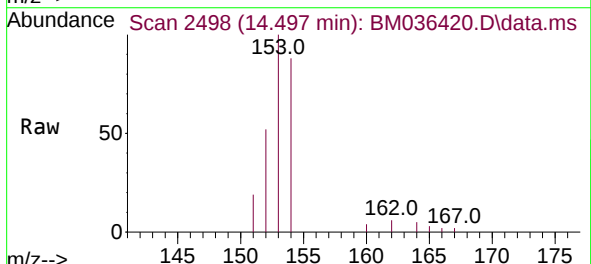
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

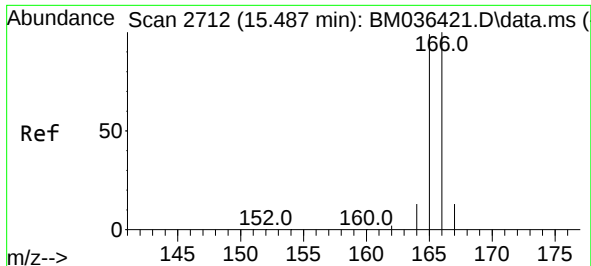
Tgt Ion:152 Resp: 7723
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.5 11.4 17.0



#11
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion:153 Resp: 6205
Ion Ratio Lower Upper
153 100
152 52.1 40.2 60.4
154 88.5 69.7 104.5

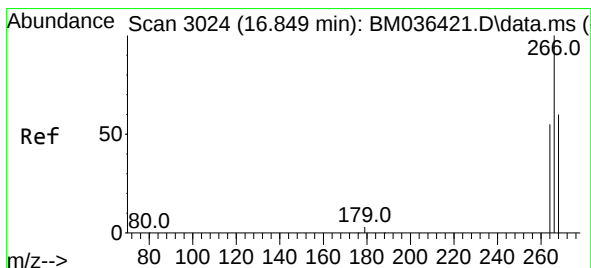
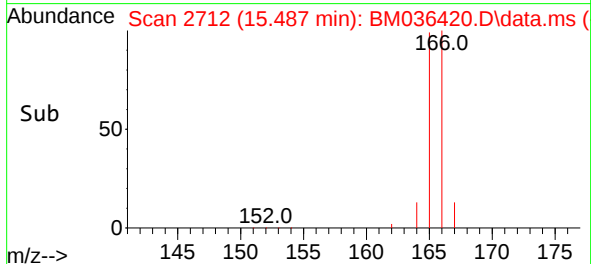
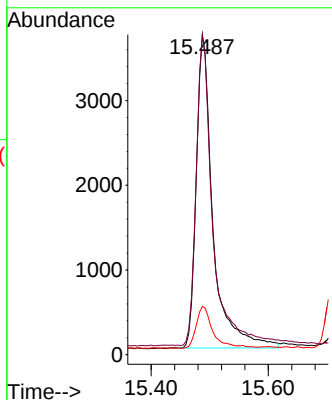
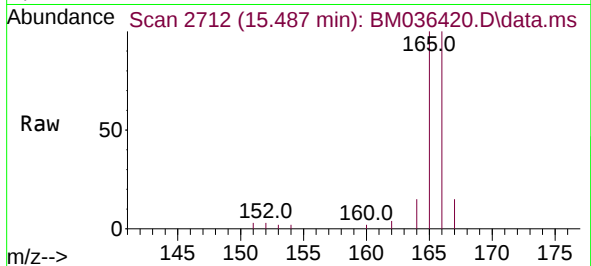




#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.487 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

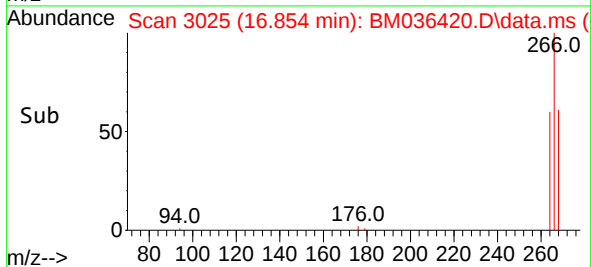
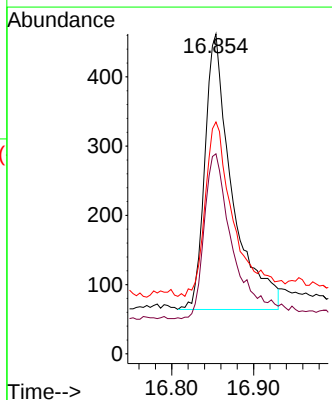
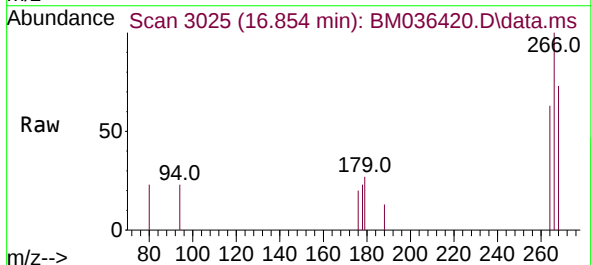
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

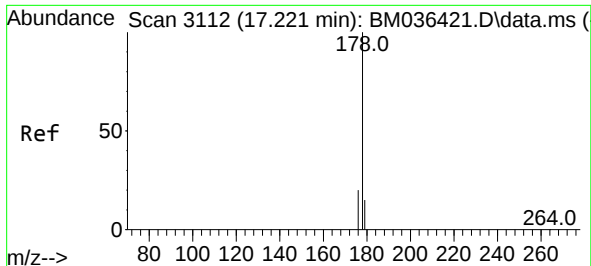
Tgt Ion:166 Resp: 7316
Ion Ratio Lower Upper
166 100
165 99.9 78.9 118.3
167 15.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.244 ng/ul
RT: 16.854 min Scan# 3025
Delta R.T. 0.005 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion:266 Resp: 921
Ion Ratio Lower Upper
266 100
264 62.6 50.3 75.5
268 65.9 53.5 80.3

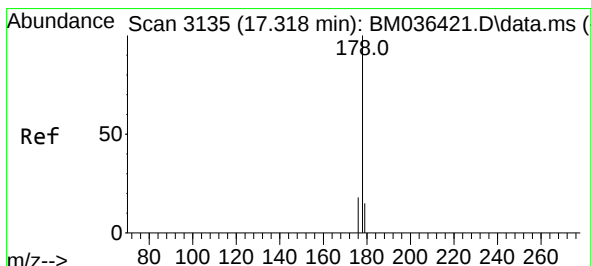
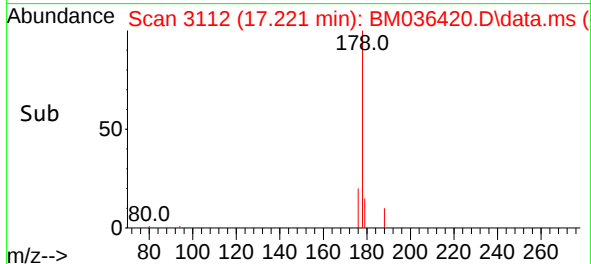
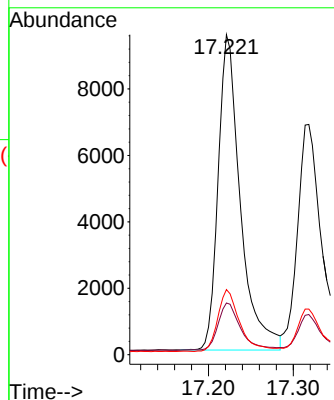
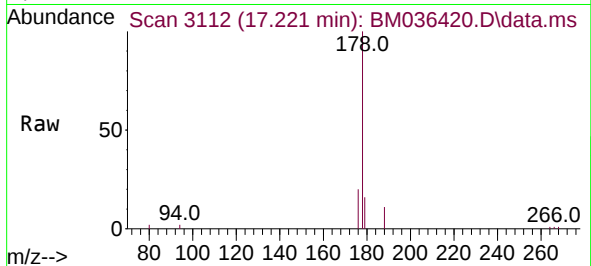




#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.221 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

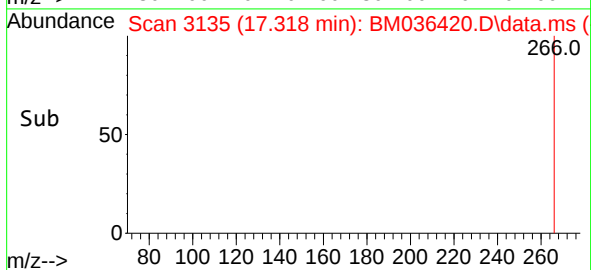
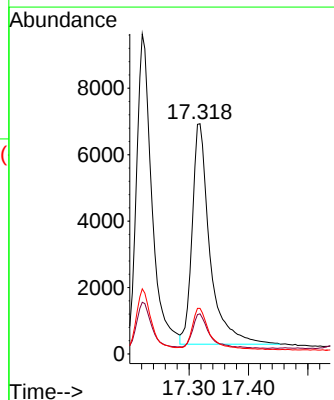
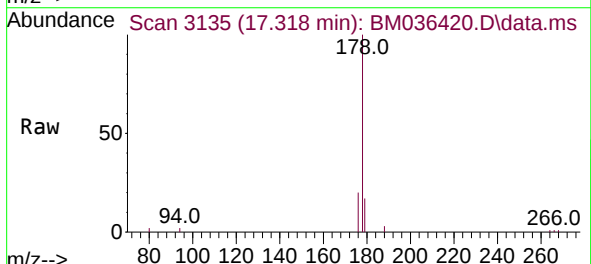
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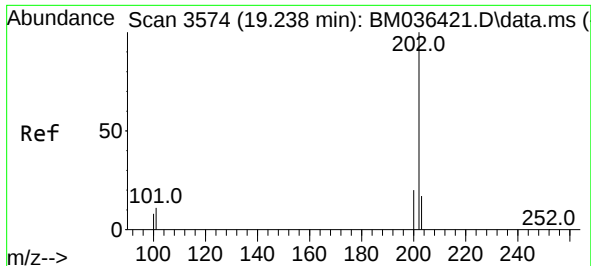
Tgt Ion:178 Resp: 17259
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 20.3 15.6 23.4



#16
Anthracene
Concen: 0.191 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion:178 Resp: 13748
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 19.8 15.6 23.4

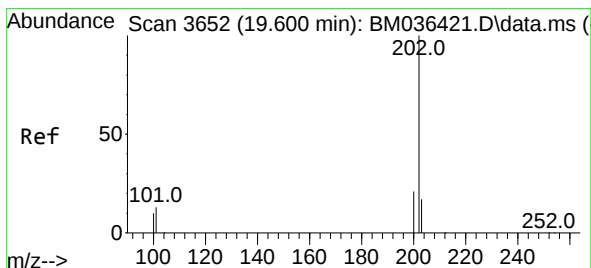
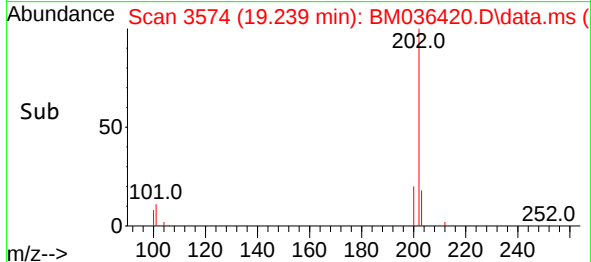
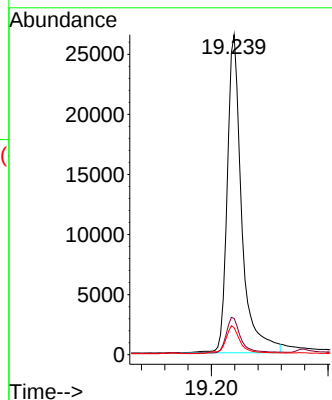
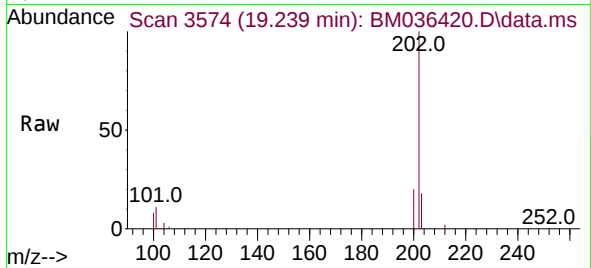




#19
Fluoranthene
Concen: 0.152 ng/u1
RT: 19.239 min Scan# 3574
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

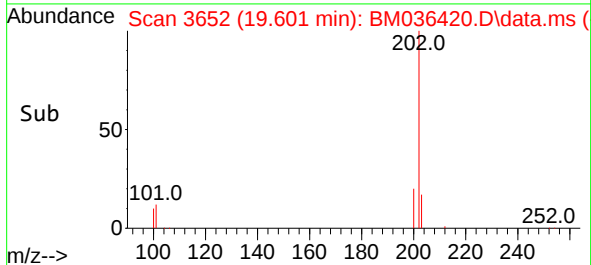
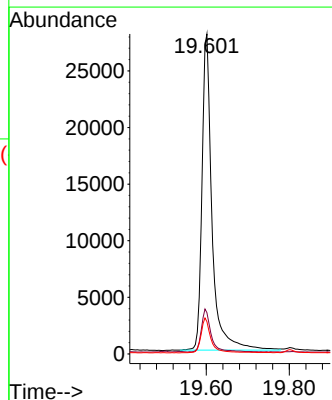
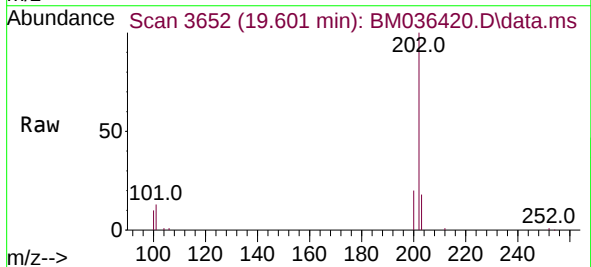
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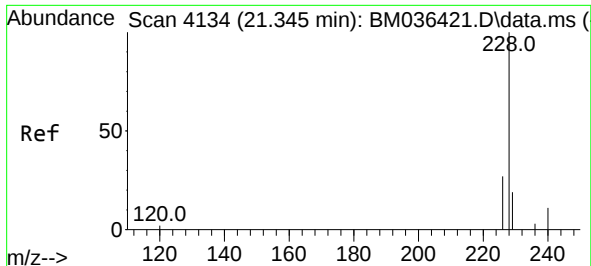
Tgt Ion:202 Resp: 45507
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.4 7.9 11.9



#20
Pyrene
Concen: 0.141 ng/u1
RT: 19.601 min Scan# 3652
Delta R.T. 0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion:202 Resp: 47293
Ion Ratio Lower Upper
202 100
101 12.9 12.0 18.0
100 10.1 9.8 14.6

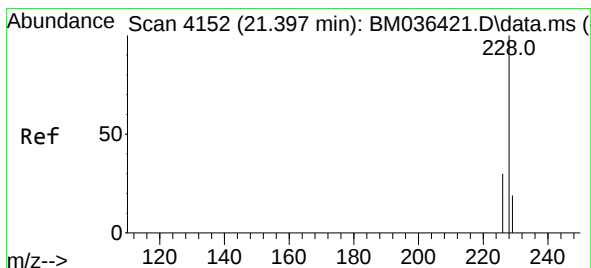
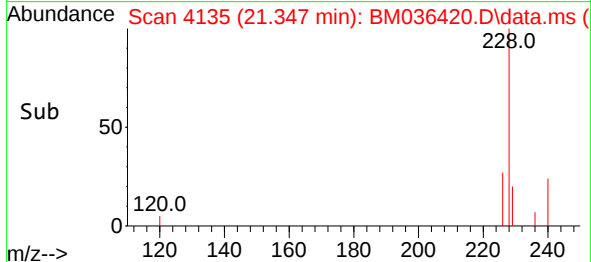
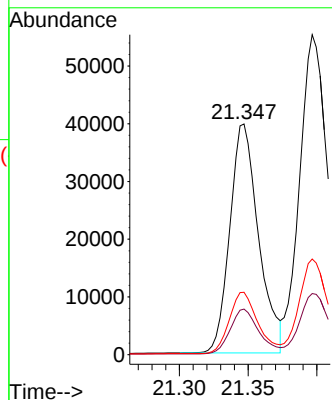
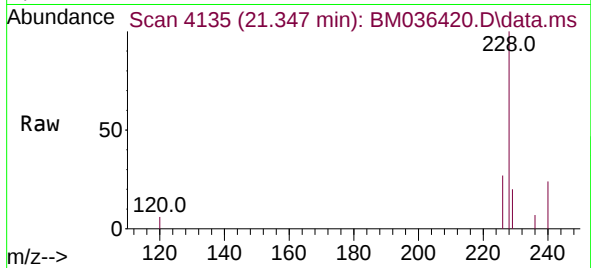




#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.347 min Scan# 4134
Delta R.T. 0.002 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

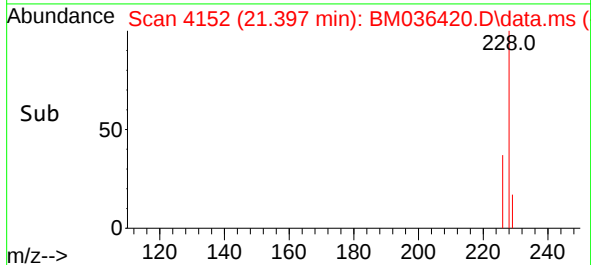
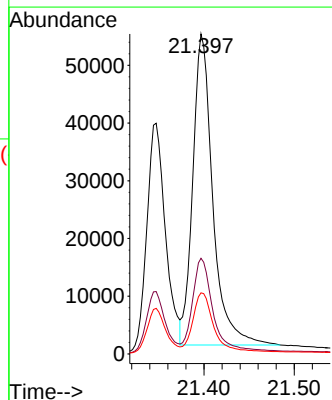
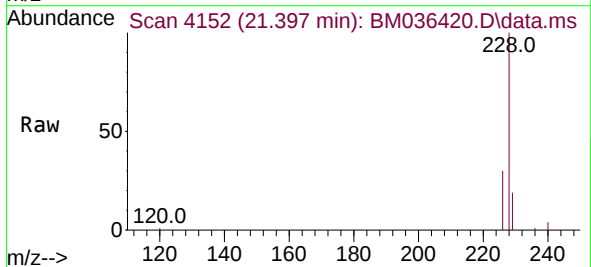
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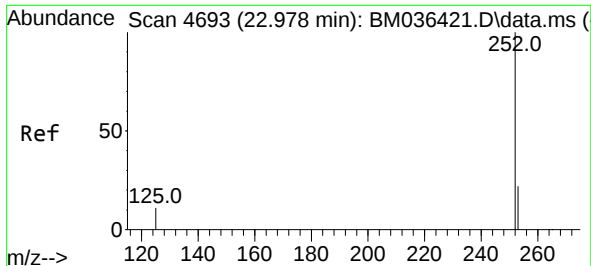
Tgt Ion:228 Resp: 57902
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.397 min Scan# 4152
Delta R.T. -0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

Tgt Ion:228 Resp: 82960
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 19.1 16.4 24.6

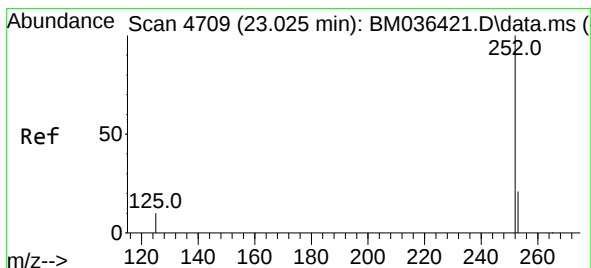
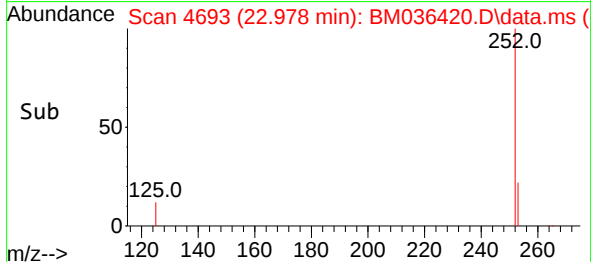
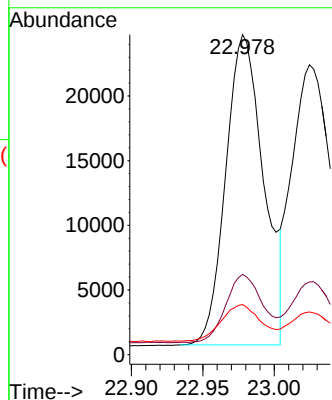
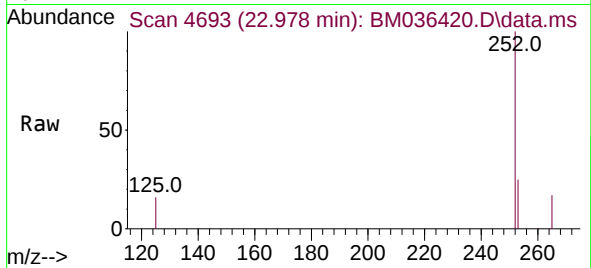




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.978 min Scan# 4693
Delta R.T. -0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

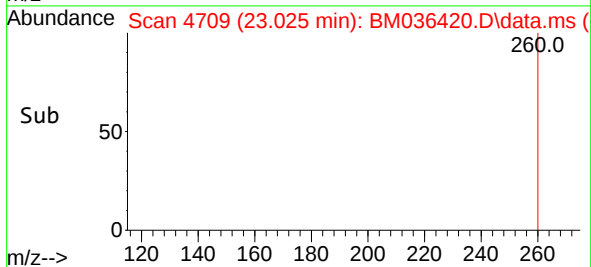
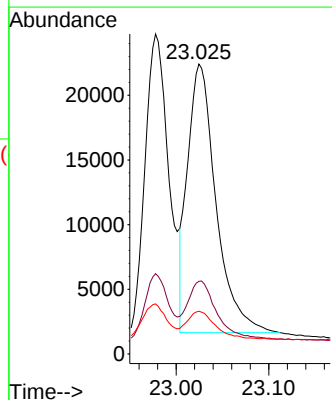
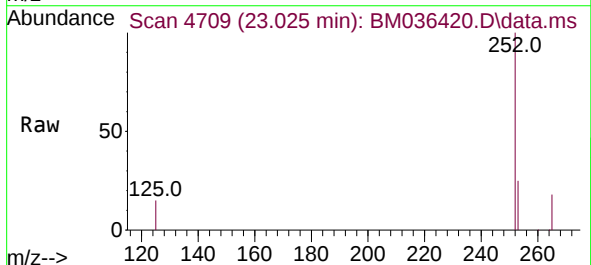
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

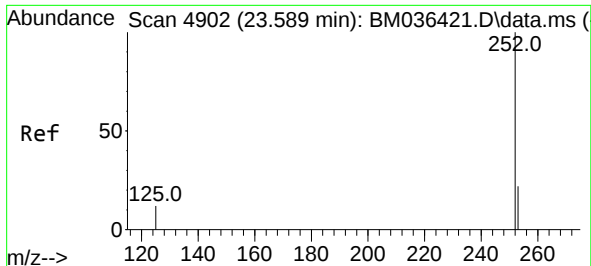
Tgt Ion:252 Resp: 44381
Ion Ratio Lower Upper
252 100
253 25.1 0.0 61.4
125 15.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

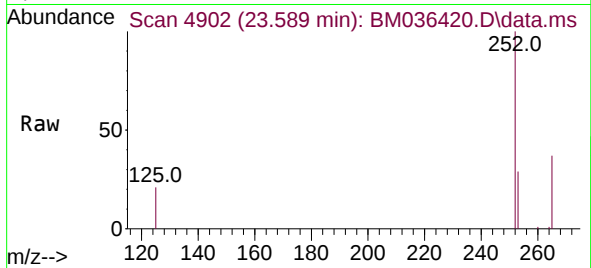
Tgt Ion:252 Resp: 44282
Ion Ratio Lower Upper
252 100
253 25.1 25.2 37.8#
125 14.7 18.3 27.5#



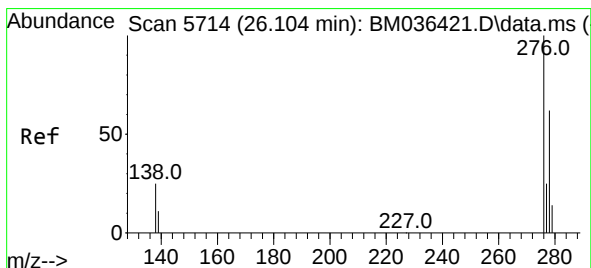
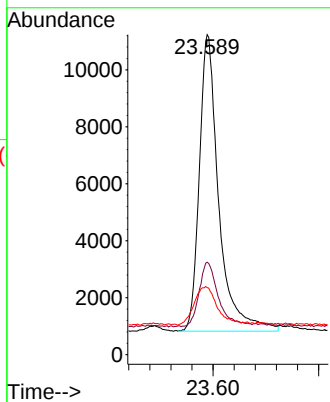
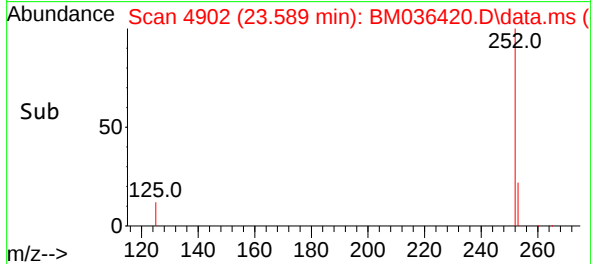


#26
Benzo(a)pyrene
Concen: 0.241 ng/ul
RT: 23.589 min Scan# 4902
Delta R.T. -0.001 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26

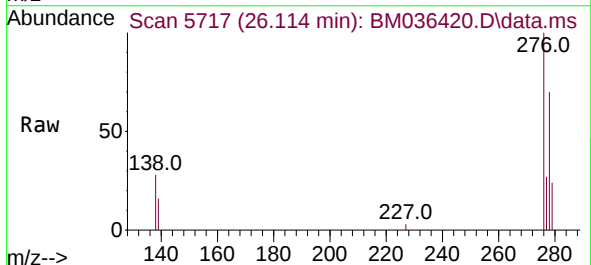
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009



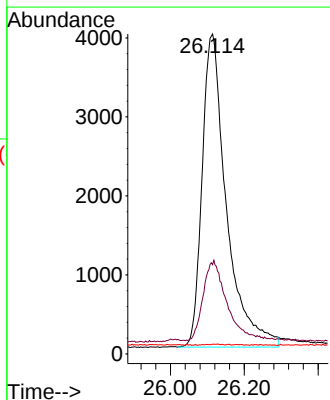
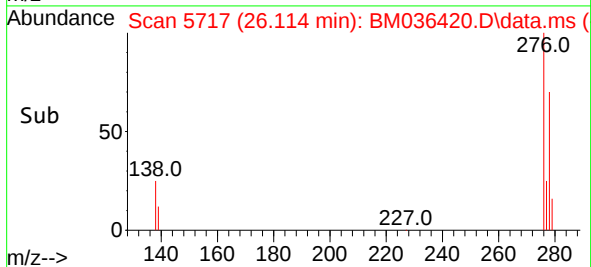
Tgt Ion:252 Resp: 26571
Ion Ratio Lower Upper
252 100
253 28.9 29.7 44.5#
125 21.0 23.6 35.4#

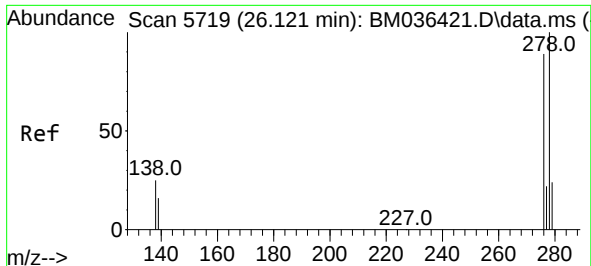


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.151 ng/ul
RT: 26.114 min Scan# 5717
Delta R.T. 0.009 min
Lab File: BM036420.D
Acq: 26 Aug 2022 11:26



Tgt Ion:276 Resp: 18108
Ion Ratio Lower Upper
276 100
138 25.3 23.9 35.9
227 0.1 0.1 0.1

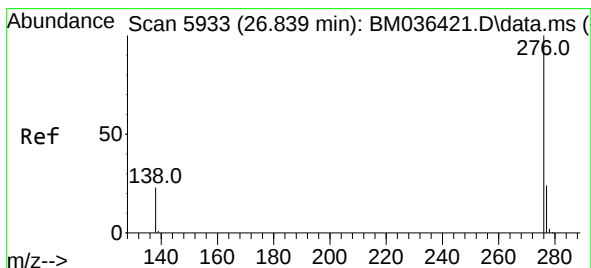
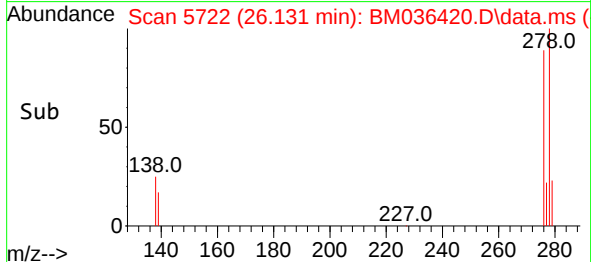
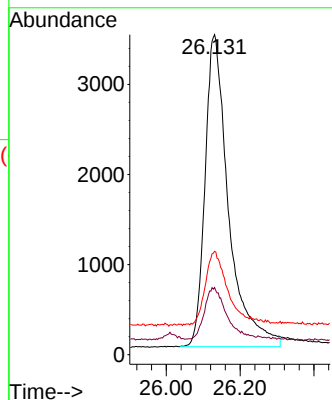
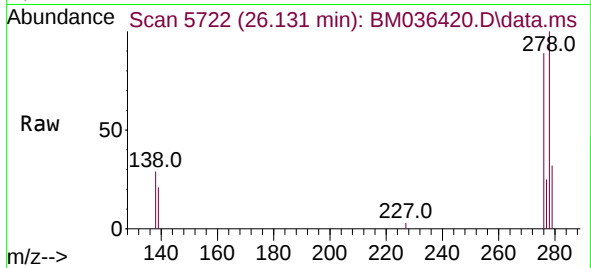




#28
 Dibenzo(a,h)anthracene
 Concen: 0.161 ng/ul
 RT: 26.131 min Scan# 5722
 Delta R.T. 0.009 min
 Lab File: BM036420.D
 Acq: 26 Aug 2022 11:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2009

Tgt Ion:278 Resp: 15313
 Ion Ratio Lower Upper
 278 100
 139 21.0 19.8 29.6
 279 32.3 27.7 41.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.147 ng/ul
 RT: 26.845 min Scan# 5935
 Delta R.T. 0.006 min
 Lab File: BM036420.D
 Acq: 26 Aug 2022 11:26

Tgt Ion:276 Resp: 16250
 Ion Ratio Lower Upper
 276 100
 138 26.1 23.4 35.0
 277 25.7 21.0 31.4

