

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
 Data File : BN018590.D
 Acq On : 11 Feb 2022 11:04
 Operator : CG/JU
 Sample : SST0.244
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

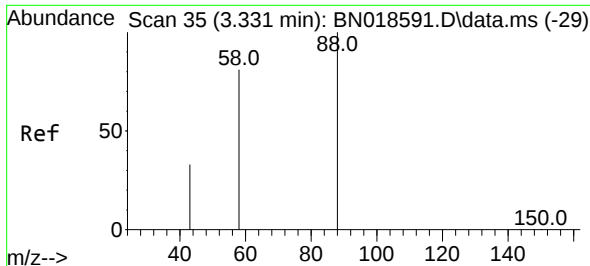
Instrument :
 BNA_N
 ClientSampleId :
 SST0.2244

Quant Time: Feb 11 13:39:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 11 13:38:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	1007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	2333	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	1062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	1873	0.400	ng/ul #	0.00
17) Chrysene-d12	21.471	240	1426	0.400	ng/ul #	0.00
23) Perylene-d12	23.871	264	1091	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	317	0.274	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	570	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	954	0.234	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	563	0.450	ng/ul#	38
5) Naphthalene	10.781	128	1332	0.205	ng/ul#	86
7) 2-Methylnaphthalene	12.393	142	777	0.188	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	808	0.190	ng/ul	98
10) Acenaphthylene	14.275	152	893	0.212	ng/ul#	85
11) Acenaphthene	14.617	153	777	0.209	ng/ul	96
12) Fluorene	15.603	166	839	0.209	ng/ul#	94
14) Pentachlorophenol	16.955	266	63	0.180	ng/ul	90
15) Phenanthrene	17.335	178	1418	0.231	ng/ul#	88
16) Anthracene	17.428	178	1042	0.212	ng/ul#	83
19) Fluoranthene	19.350	202	1404	0.248	ng/ul#	79
20) Pyrene	19.713	202	1458	0.250	ng/ul#	83
21) Benzo(a)anthracene	21.457	228	1096	0.241	ng/ul#	91
22) Chrysene	21.509	228	1372	0.247	ng/ul#	92
24) Benzo(b)fluoranthene	23.143	252	1231	0.257	ng/ul#	42
25) Benzo(k)fluoranthene	23.190	252	1249	0.249	ng/ul#	33
26) Benzo(a)pyrene	23.769	252	930	0.240	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	26.364	276	1173	0.230	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.391	278	890	0.223	ng/ul#	31
29) Benzo(g,h,i)perylene	27.125	276	1122	0.247	ng/ul#	67

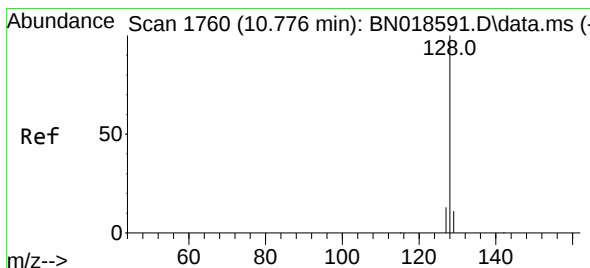
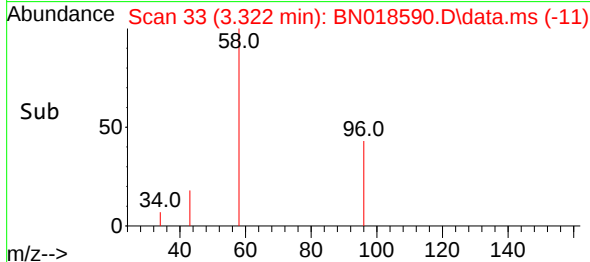
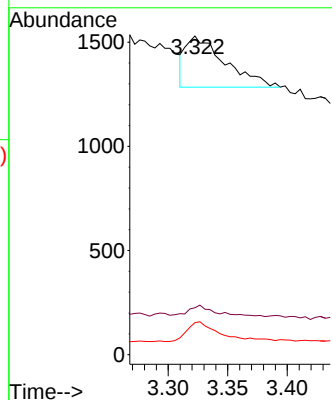
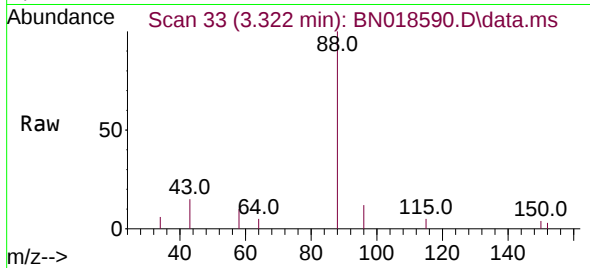
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.450 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

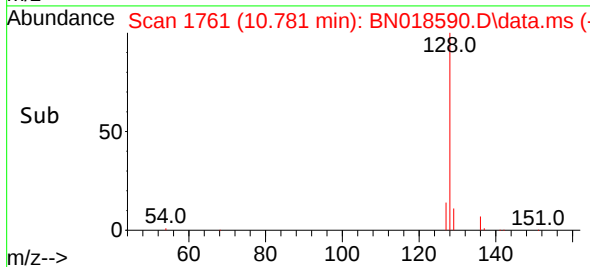
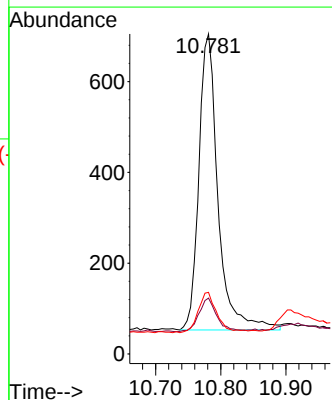
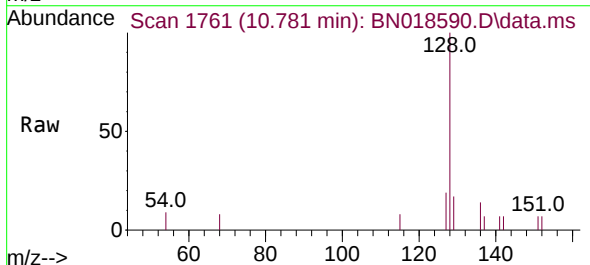
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

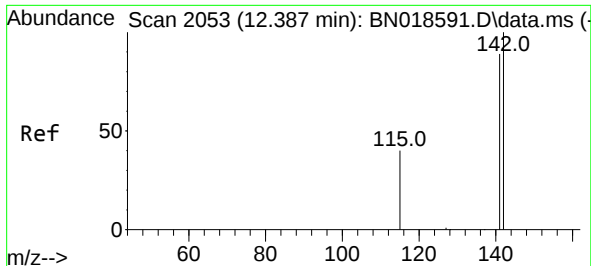
Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
43 14.7 47.8 71.8#
58 10.1 46.2 69.2#



#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion: 128 Resp: 1332
Ion Ratio Lower Upper
128 100
129 17.4 9.4 14.0#
127 19.3 11.0 16.6#

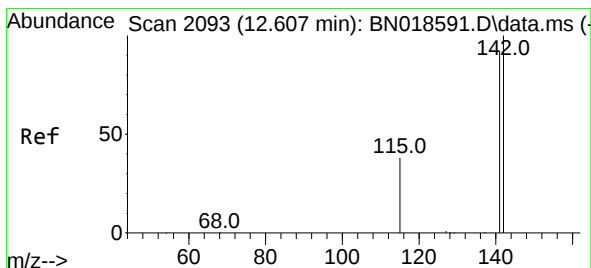
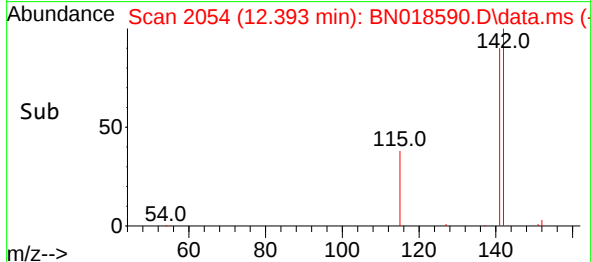
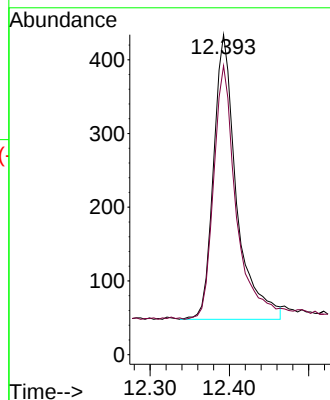
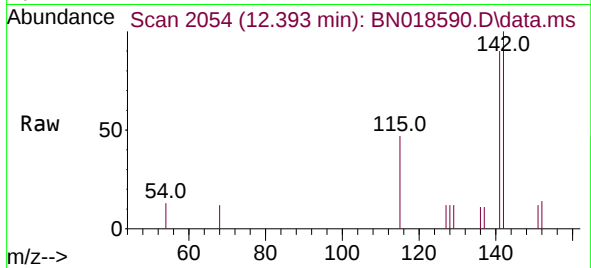




#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.393 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

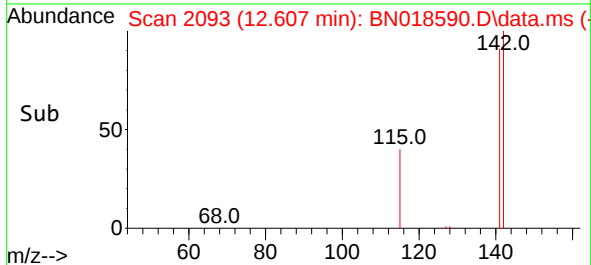
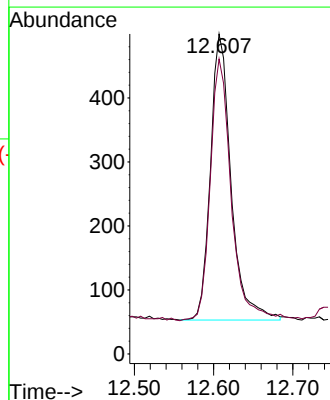
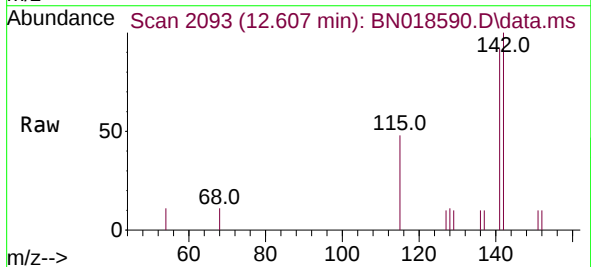
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

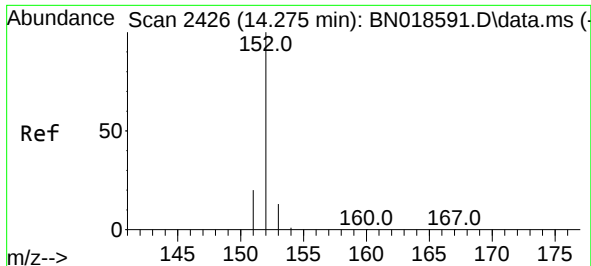
Tgt Ion:142 Resp: 777
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:142 Resp: 808
Ion Ratio Lower Upper
142 100
141 93.2 73.2 109.8

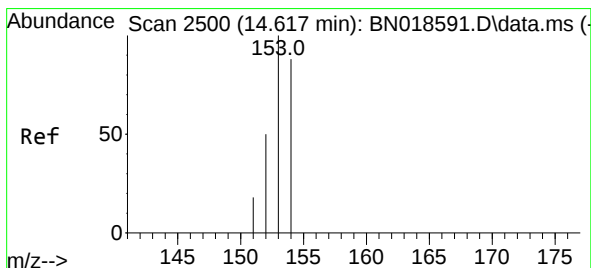
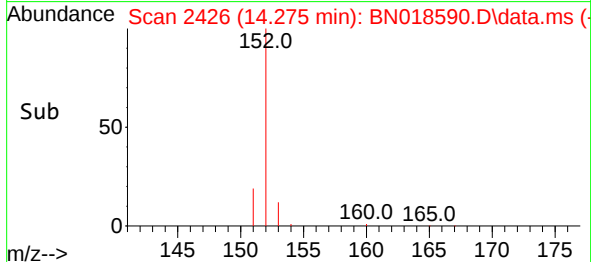
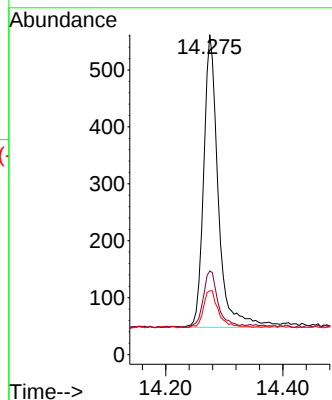
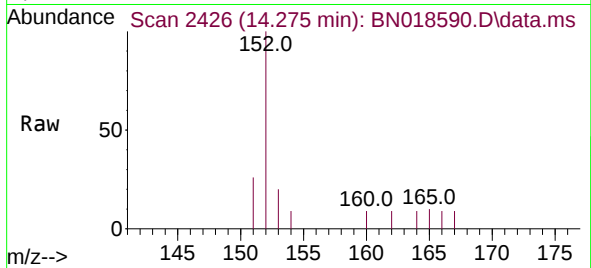




#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.275 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

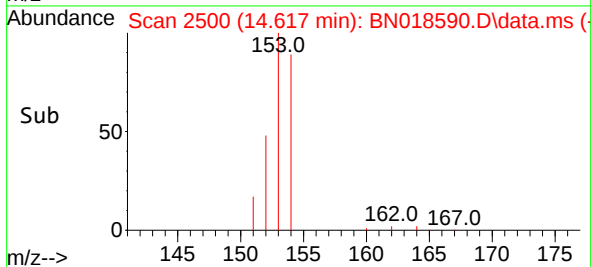
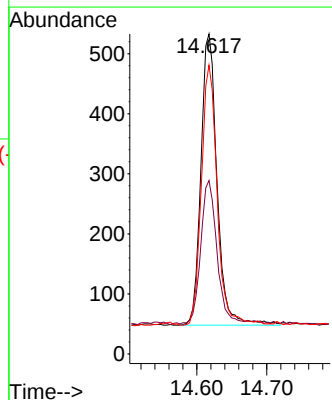
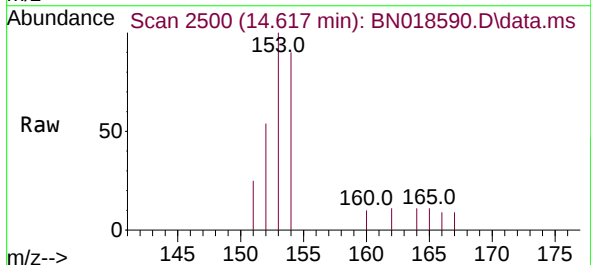
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

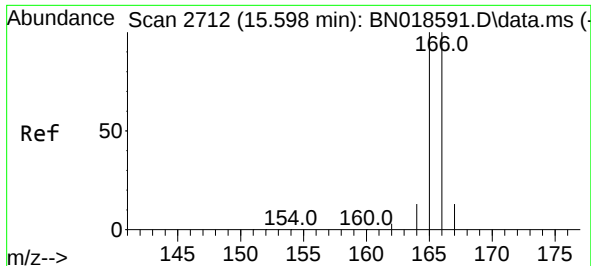
Tgt Ion:152 Resp: 893
Ion Ratio Lower Upper
152 100
151 26.2 15.8 23.8#
153 19.9 10.7 16.1#



#11
Acenaphthene
Concen: 0.209 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:153 Resp: 777
Ion Ratio Lower Upper
153 100
152 54.2 39.7 59.5
154 90.2 70.9 106.3

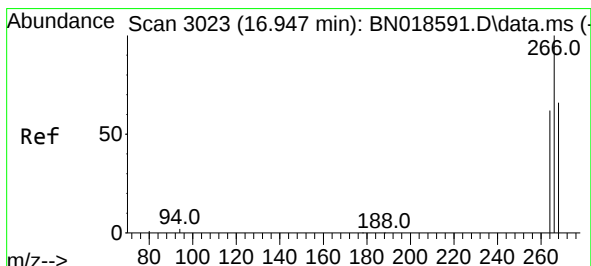
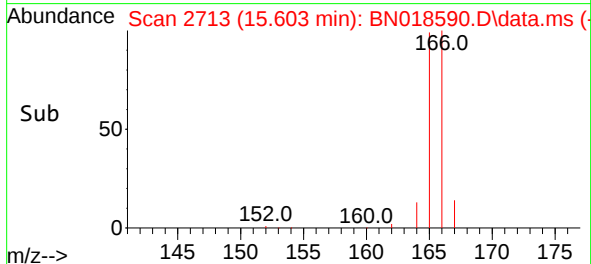
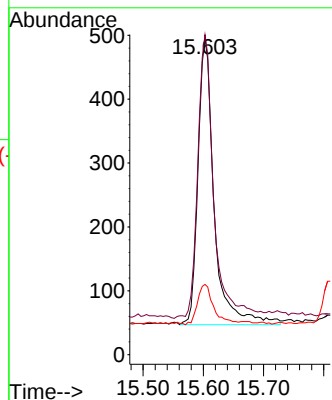
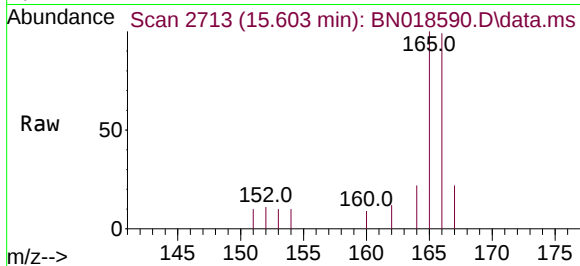




#12
Fluorene
Concen: 0.209 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

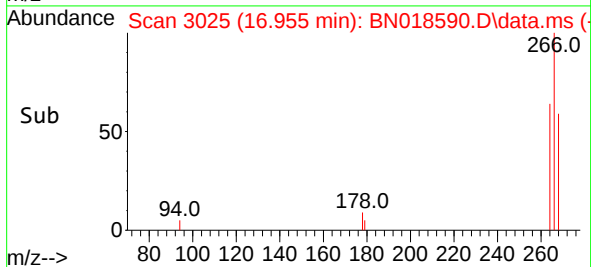
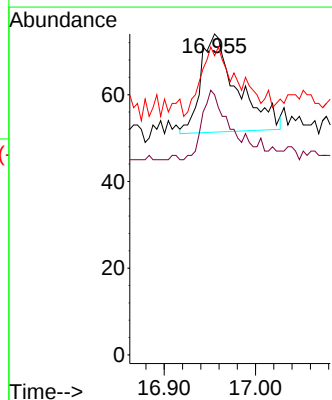
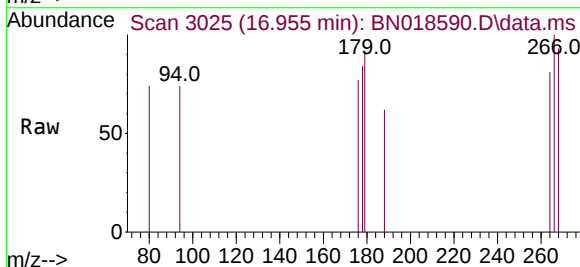
Instrument :
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ClientSampleId :
SSTD0.2244

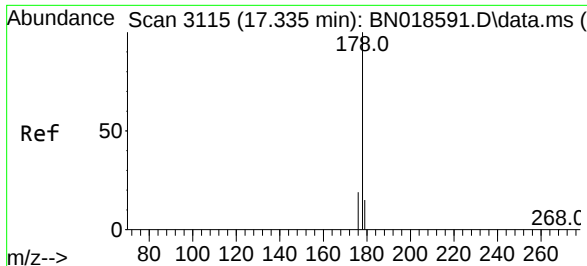
Tgt Ion:166 Resp: 839
Ion Ratio Lower Upper
166 100
165 101.0 77.8 116.6
167 22.2 11.6 17.4#



#14
Pentachlorophenol
Concen: 0.180 ng/ul
RT: 16.955 min Scan# 3025
Delta R.T. 0.008 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:266 Resp: 63
Ion Ratio Lower Upper
266 100
264 58.7 49.9 74.9
268 76.2 51.7 77.5

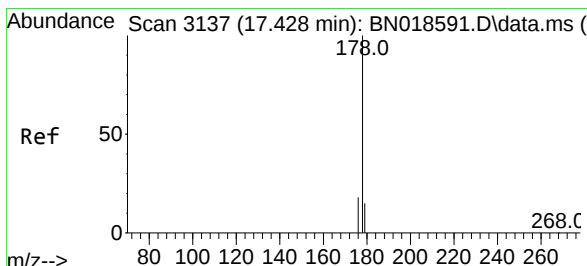
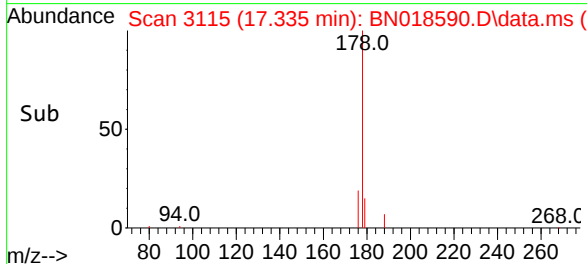
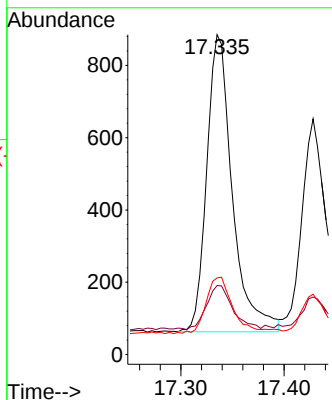
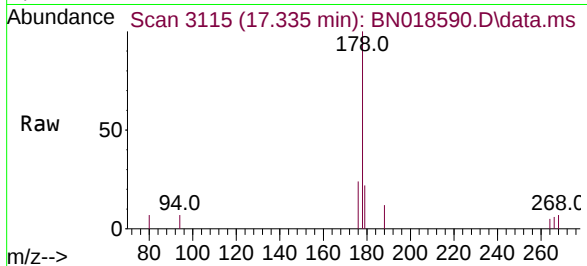




#15
Phenanthrene
Concen: 0.231 ng/ul
RT: 17.335 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

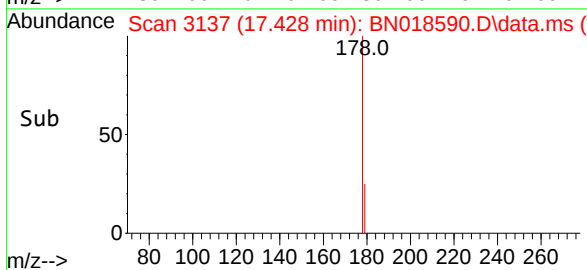
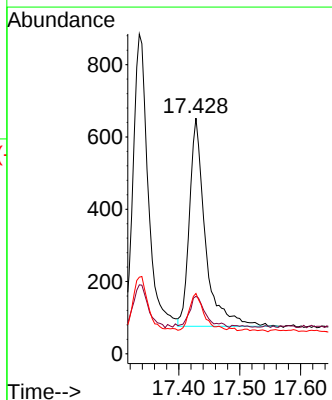
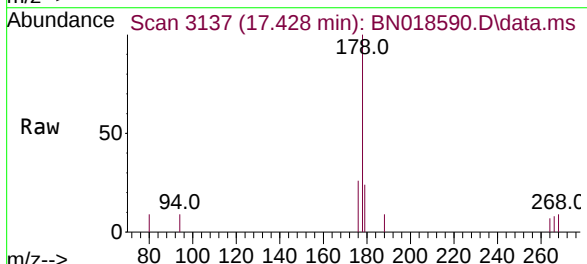
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

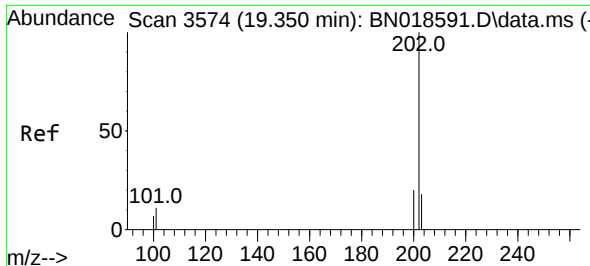
Tgt Ion:178 Resp: 1418
Ion Ratio Lower Upper
178 100
179 21.6 12.2 18.4#
176 24.0 15.4 23.2#



#16
Anthracene
Concen: 0.212 ng/ul
RT: 17.428 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:178 Resp: 1042
Ion Ratio Lower Upper
178 100
179 24.4 12.3 18.5#
176 25.6 15.5 23.3#

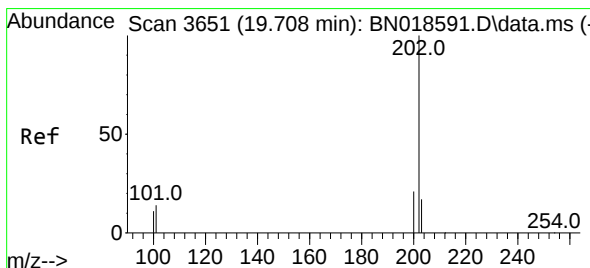
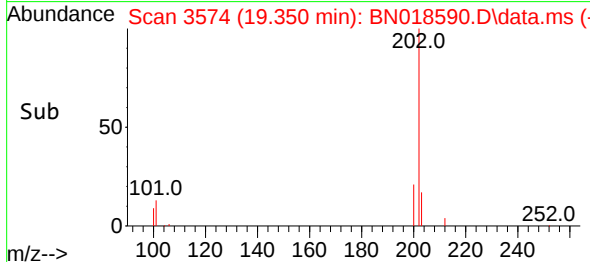
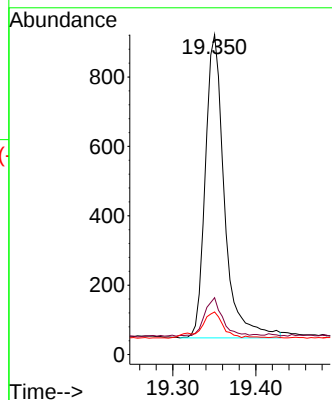
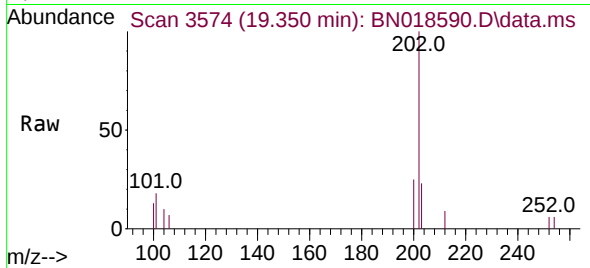




#19
Fluoranthene
Concen: 0.248 ng/ul
RT: 19.350 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

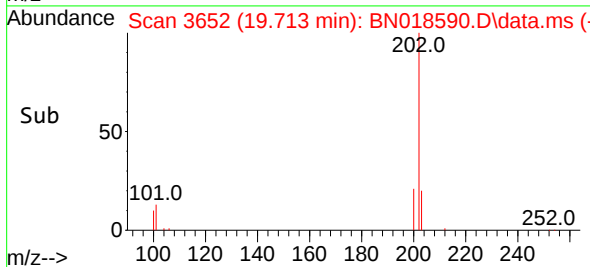
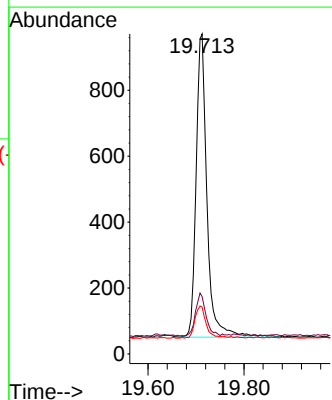
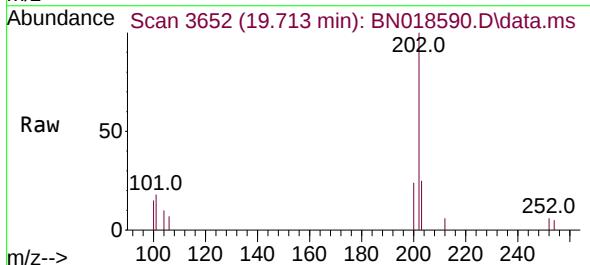
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BNA_N
ClientSampleId :
SSTD0.2244

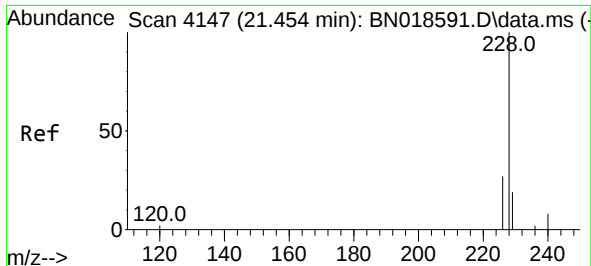
Tgt Ion:202 Resp: 1404
Ion Ratio Lower Upper
202 100
101 17.8 7.5 11.3#
100 13.3 5.4 8.2#



#20
Pyrene
Concen: 0.250 ng/ul
RT: 19.713 min Scan# 3652
Delta R.T. 0.005 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:202 Resp: 1458
Ion Ratio Lower Upper
202 100
101 17.9 9.0 13.4#
100 14.6 7.0 10.4#

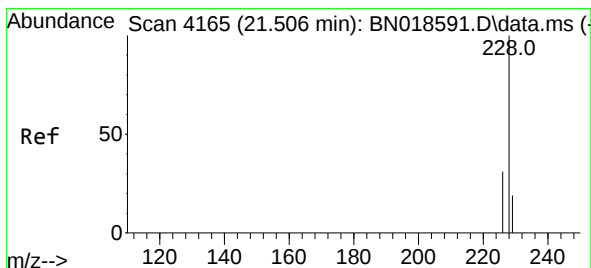
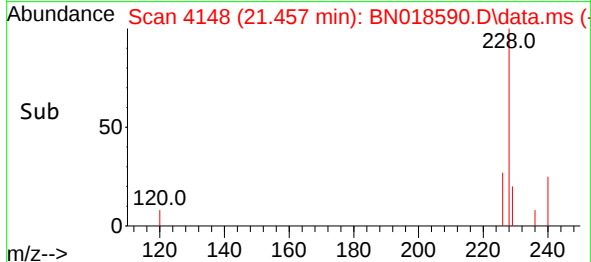
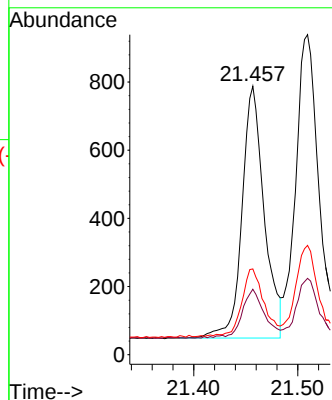
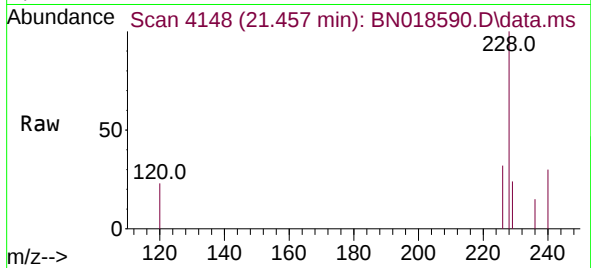




#21
Benzo(a)anthracene
Concen: 0.241 ng/ul
RT: 21.457 min Scan# 4147
Delta R.T. 0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

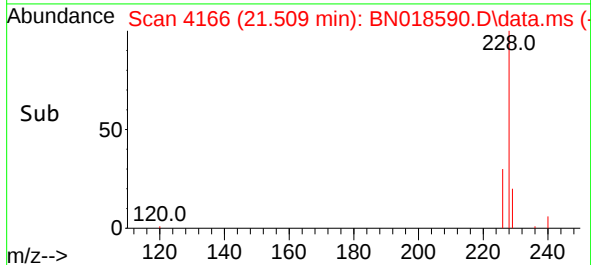
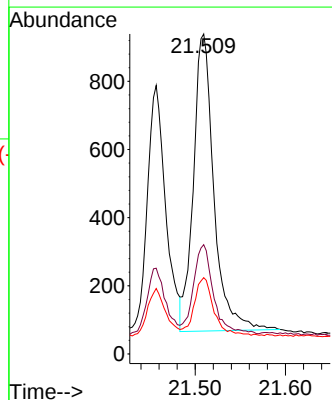
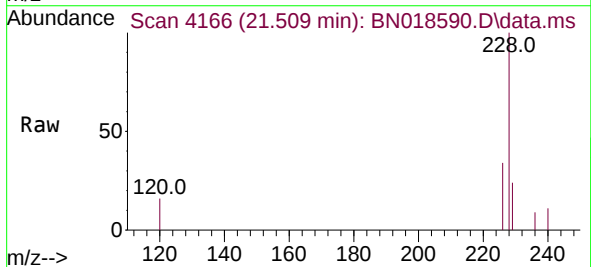
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

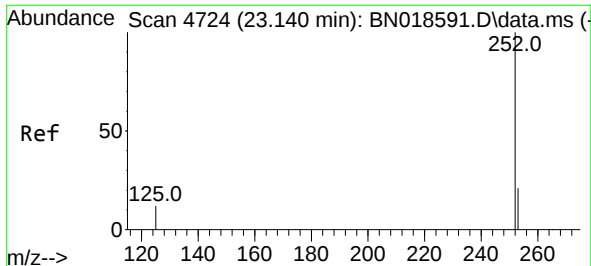
Tgt Ion:228 Resp: 1096
Ion Ratio Lower Upper
228 100
229 24.4 15.6 23.4#
226 32.0 22.1 33.1



#22
Chrysene
Concen: 0.247 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. 0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:228 Resp: 1372
Ion Ratio Lower Upper
228 100
226 34.2 24.2 36.4
229 23.9 15.7 23.5#

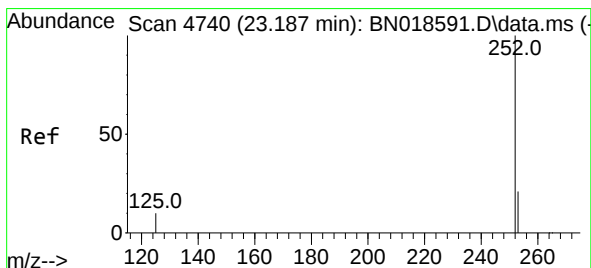
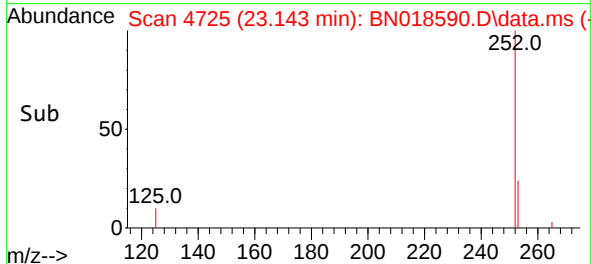
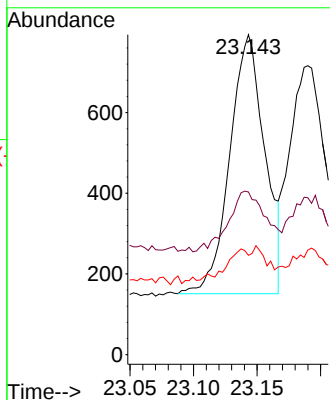
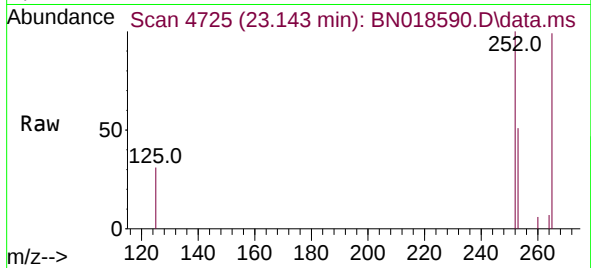




#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 23.143 min Scan# 4724
Delta R.T. 0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

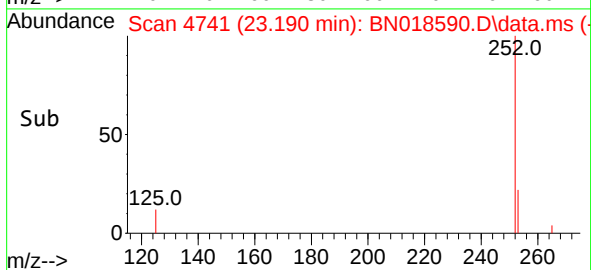
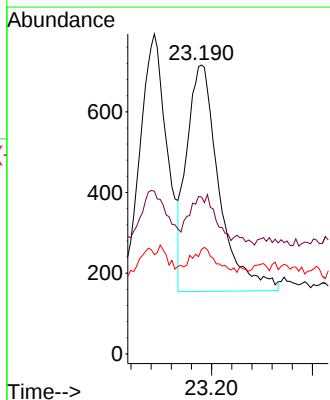
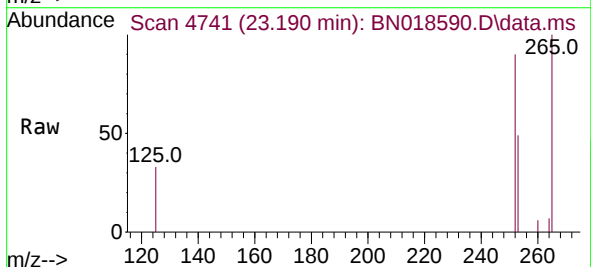
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

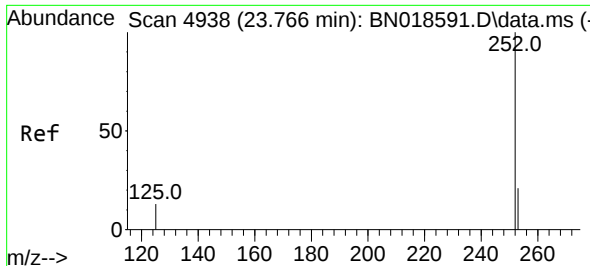
Tgt Ion:252 Resp: 1231
Ion Ratio Lower Upper
252 100
253 50.8 0.0 46.4#
125 31.0 0.0 17.8#



#25
Benzo(k)fluoranthene
Concen: 0.249 ng/ul
RT: 23.190 min Scan# 4741
Delta R.T. 0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

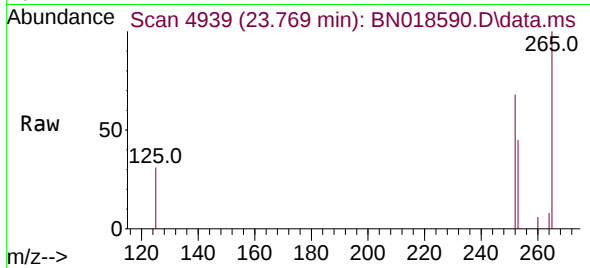
Tgt Ion:252 Resp: 1249
Ion Ratio Lower Upper
252 100
253 54.3 18.6 28.0#
125 36.2 7.3 10.9#



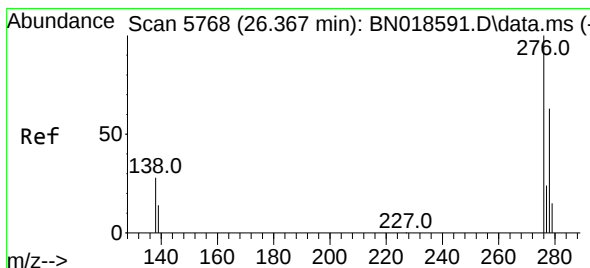
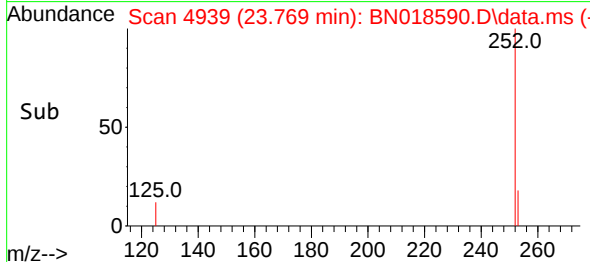
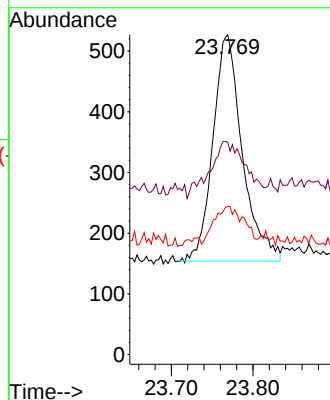


#26
Benzo(a)pyrene
Concen: 0.240 ng/ul
RT: 23.769 min Scan# 4938
Delta R.T. 0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

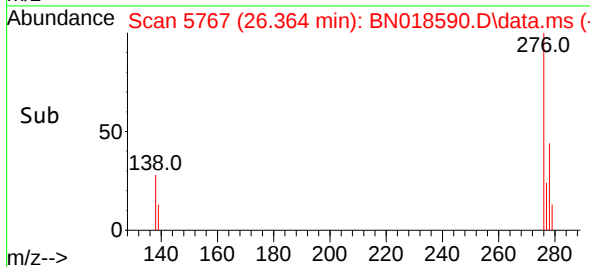
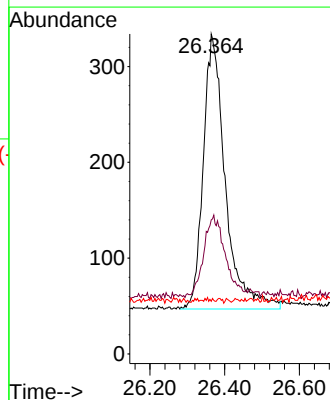
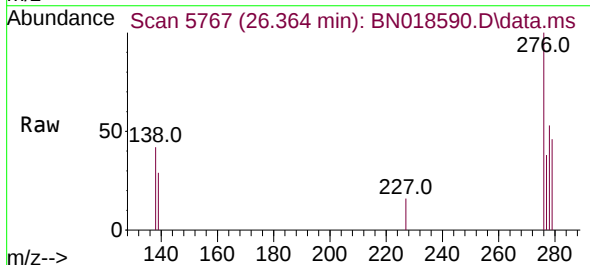


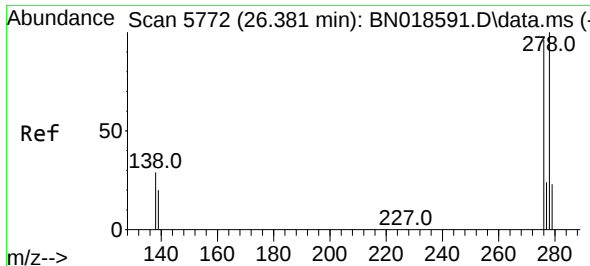
Tgt Ion:252 Resp: 930
Ion Ratio Lower Upper
252 100
253 66.4 18.9 28.3#
125 46.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng/ul
RT: 26.364 min Scan# 5767
Delta R.T. -0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:276 Resp: 1173
Ion Ratio Lower Upper
276 100
138 28.4 16.5 24.7#
227 0.2 0.1 0.1#

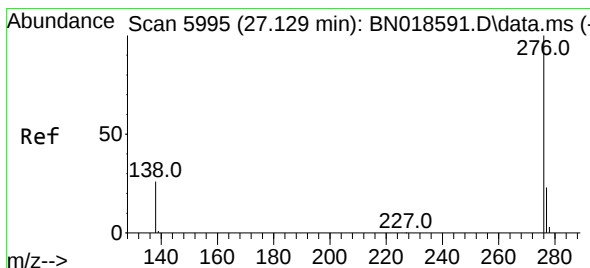
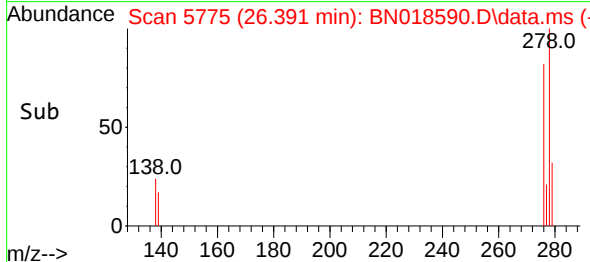
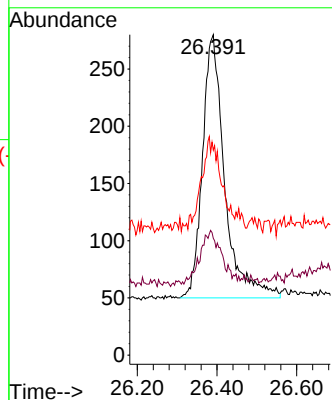
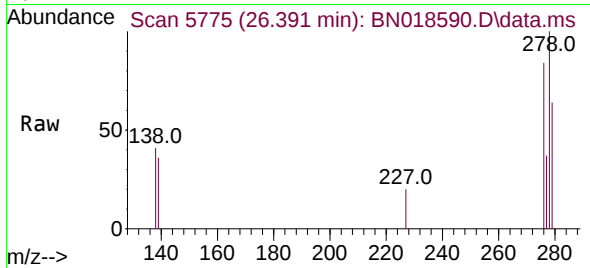




#28
Dibenzo(a,h)anthracene
Concen: 0.223 ng/ul
RT: 26.391 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

Tgt Ion:278 Resp: 890
Ion Ratio Lower Upper
278 100
139 36.4 11.9 17.9#
279 63.9 19.5 29.3#



#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.125 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BN018590.D
Acq: 11 Feb 2022 11:04

Tgt Ion:276 Resp: 1122
Ion Ratio Lower Upper
276 100
138 36.3 14.4 21.6#
277 37.1 19.2 28.8#

