

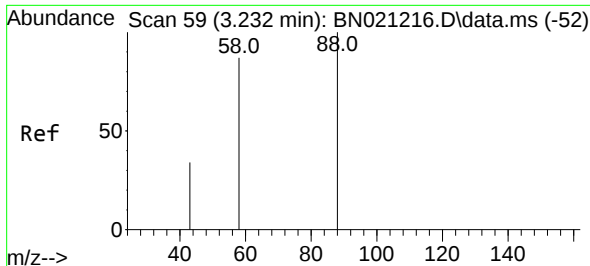
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 Data File : BN021216.D
 Acq On : 14 Aug 2022 14:23
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4288

Quant Time: Aug 15 00:41:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

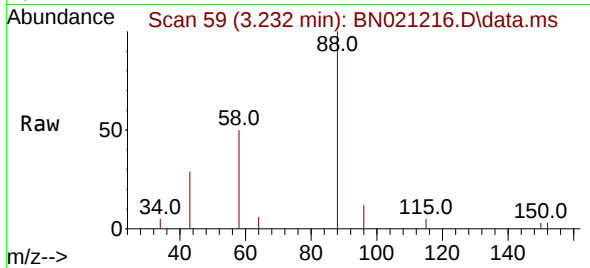
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	3081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	10654	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.434	164	6135	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	10893	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7107	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	5797	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	1563	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	6256	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	11174	0.509	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	1664	0.410	ng/ul#	84
5) Naphthalene	10.629	128	11593	0.354	ng/ul	99
7) 2-Methylnaphthalene	12.257	142	7037	0.354	ng/ul	99
8) 1-Methylnaphthalene	12.472	142	7796	0.393	ng/ul	100
10) Acenaphthylene	14.156	152	10131	0.353	ng/ul	99
11) Acenaphthene	14.498	153	8121	0.342	ng/ul	98
12) Fluorene	15.493	166	8614	0.332	ng/ul	99
14) Pentachlorophenol	16.868	266	427	0.254	ng/ul	98
15) Phenanthrene	17.231	178	13120	0.337	ng/ul	99
16) Anthracene	17.328	178	10523	0.349	ng/ul	99
19) Fluoranthene	19.254	202	13435	0.427	ng/ul	98
20) Pyrene	19.621	202	13807	0.425	ng/ul	99
21) Benzo(a)anthracene	21.380	228	7792	0.336	ng/ul	98
22) Chrysene	21.430	228	9783	0.320	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	8409	0.313	ng/ul	95
25) Benzo(k)fluoranthene	23.064	252	8959	0.316	ng/ul	98
26) Benzo(a)pyrene	23.625	252	8211	0.335	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.135	276	8697	0.298	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.152	278	6624	0.287	ng/ul	98
29) Benzo(g,h,i)perylene	26.867	276	8075	0.310	ng/ul	98

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

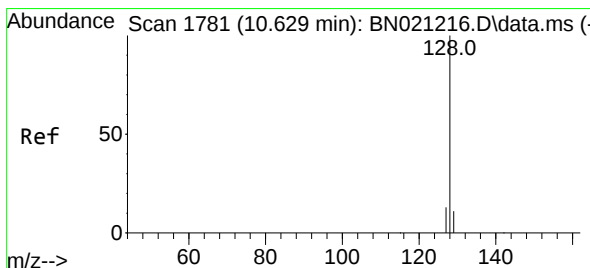
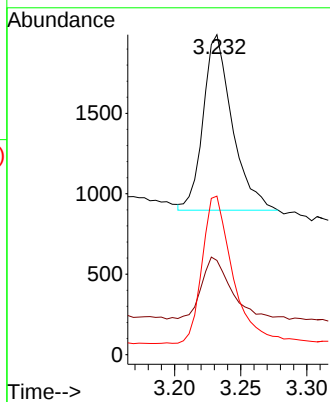
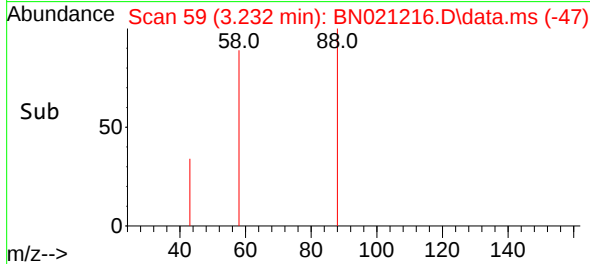


#2
1,4-Dioxane
Concen: 0.410 ng/ul
RT: 3.232 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

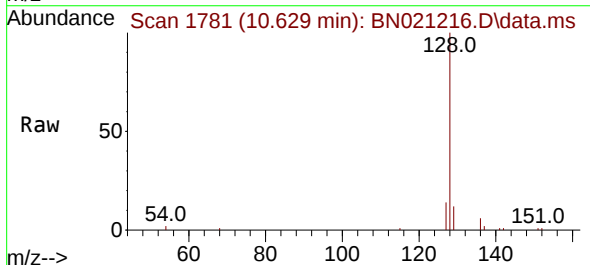
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ClientSampleId :
SSTD0.4288



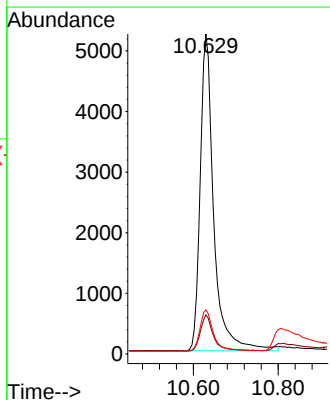
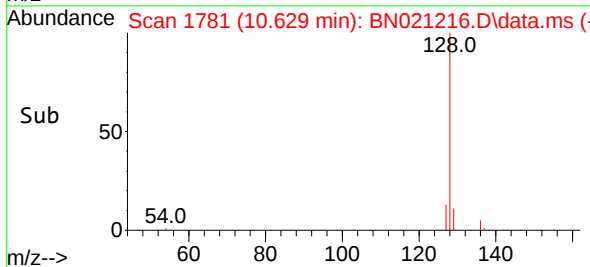
Tgt Ion: 88 Resp: 1664
Ion Ratio Lower Upper
88 100
43 29.5 31.4 47.0#
58 49.5 49.0 73.6

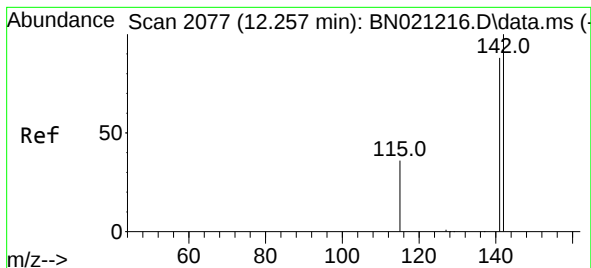


#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23



Tgt Ion: 128 Resp: 11593
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 13.7 11.6 17.4

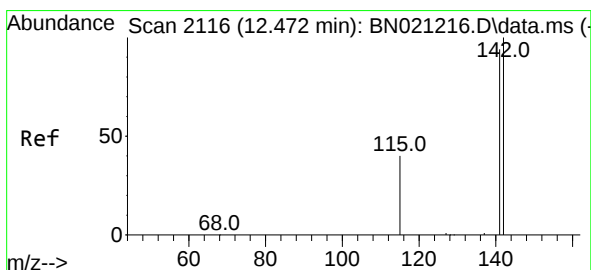
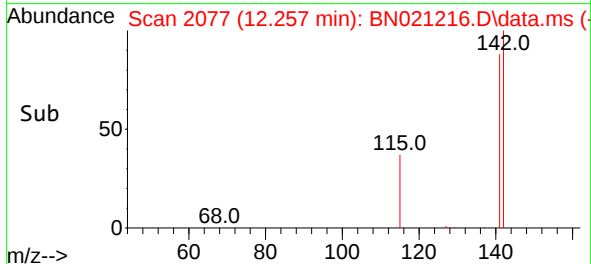
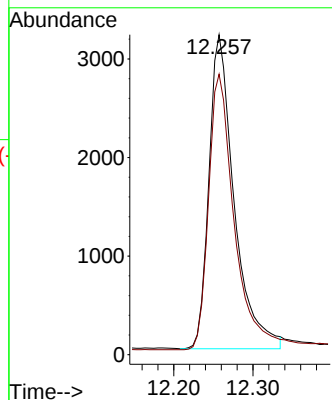
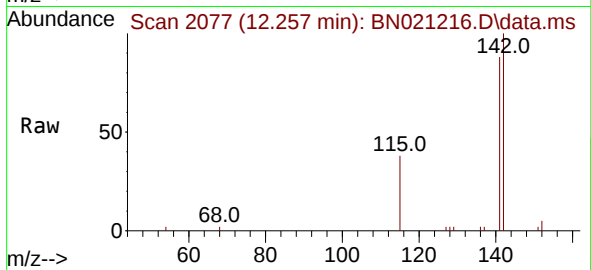




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.257 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

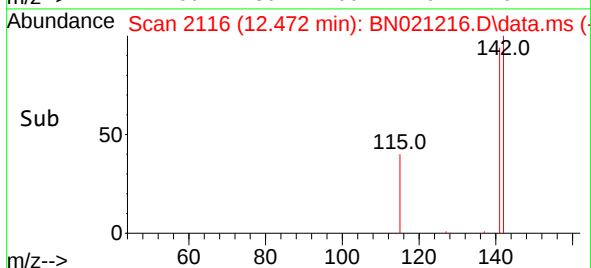
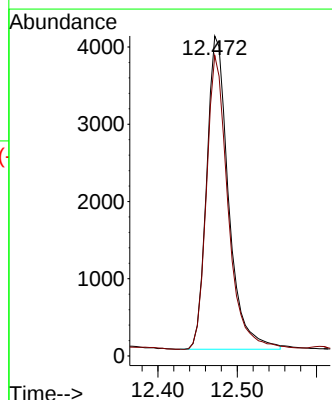
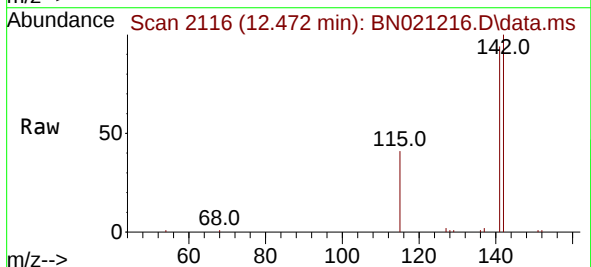
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ClientSampleId :
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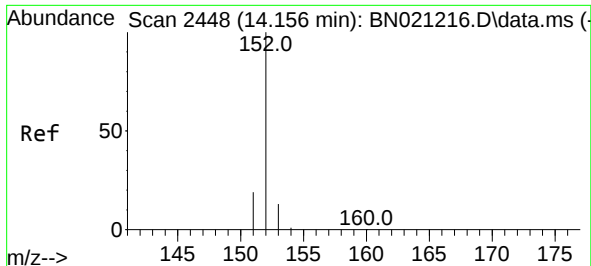
Tgt Ion:142 Resp: 7037
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.472 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:142 Resp: 7796
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

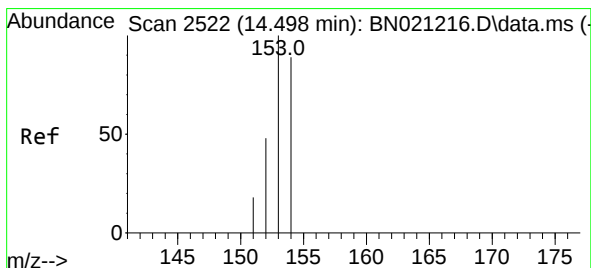
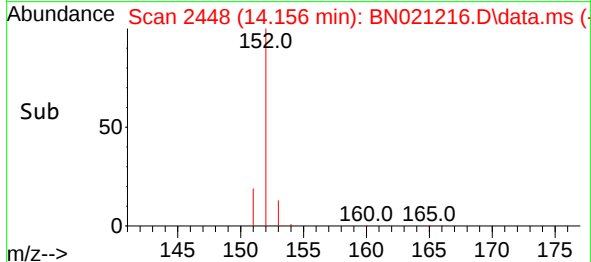
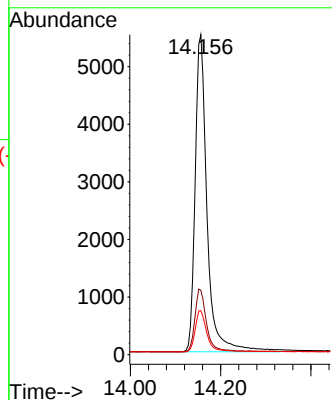
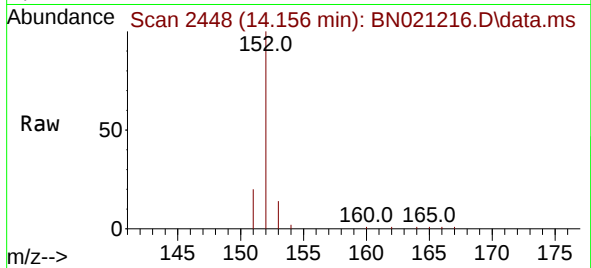




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

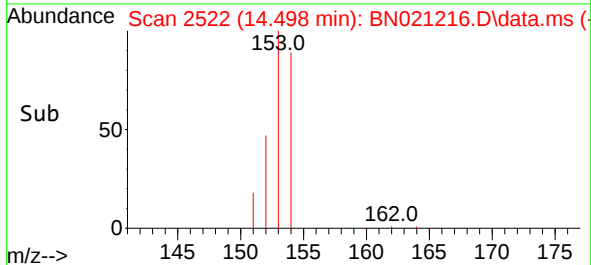
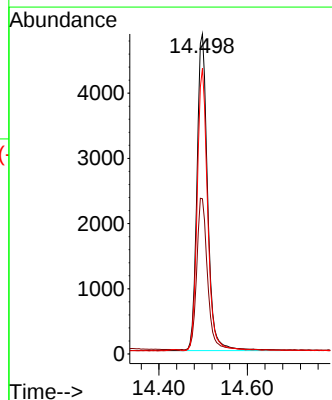
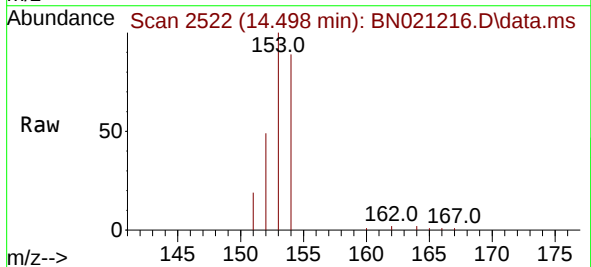
Instrument :
BNA_N
ClientSampleId :
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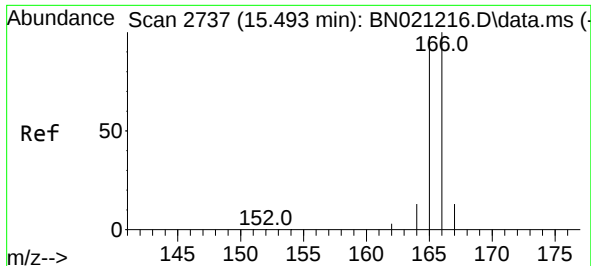
Tgt Ion:152 Resp: 10131
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:153 Resp: 8121
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 89.3 70.7 106.1

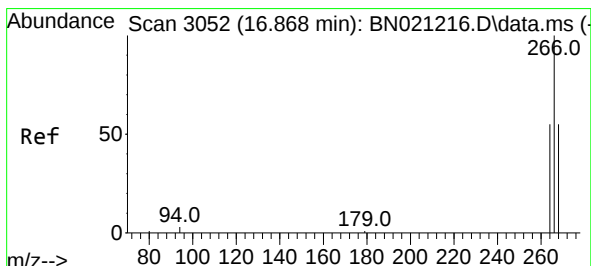
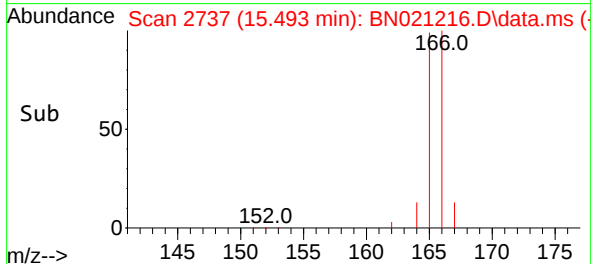
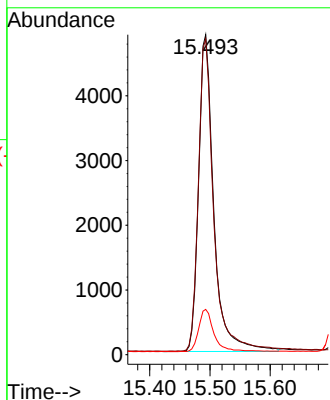
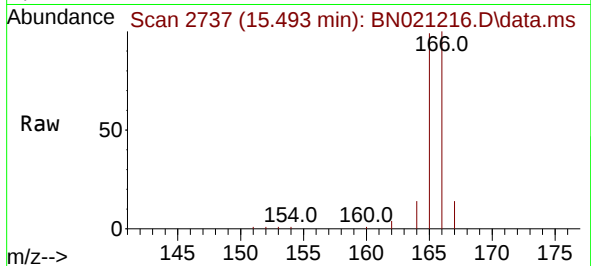




#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

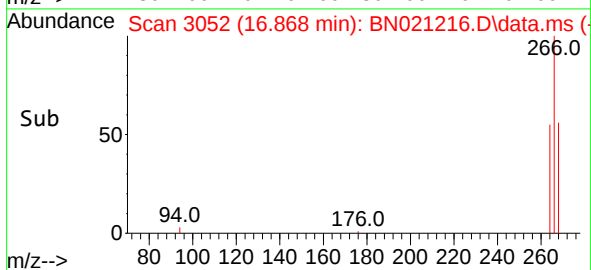
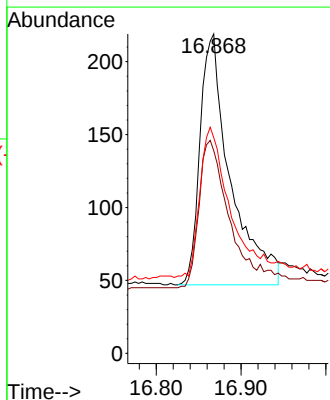
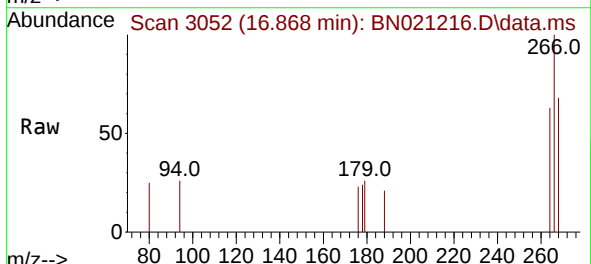
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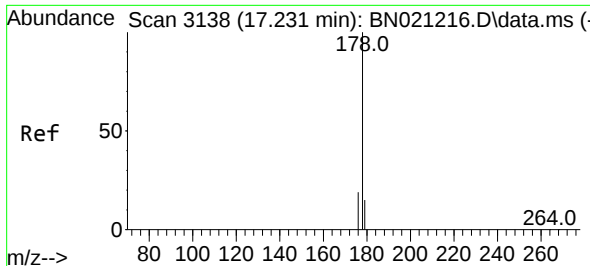
Tgt Ion:166 Resp: 8614
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.254 ng/ul
RT: 16.868 min Scan# 3052
Delta R.T. 0.004 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:266 Resp: 427
Ion Ratio Lower Upper
266 100
264 61.1 49.8 74.8
268 61.6 50.6 75.8

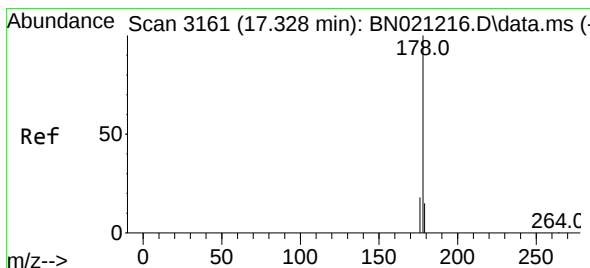
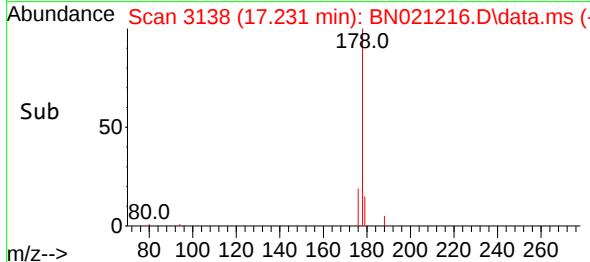
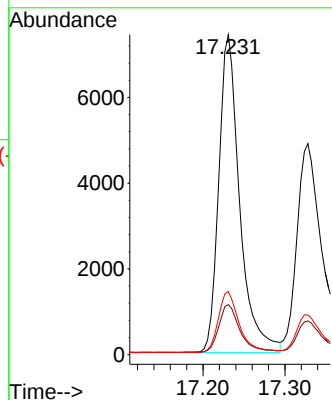
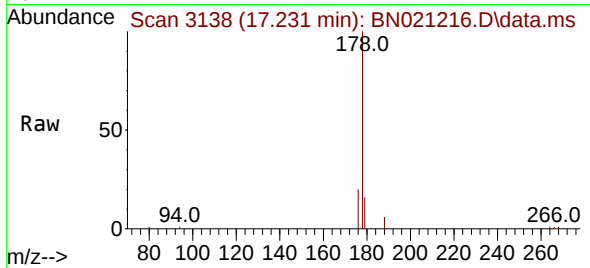




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.231 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

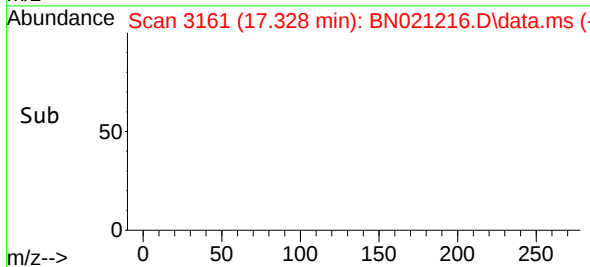
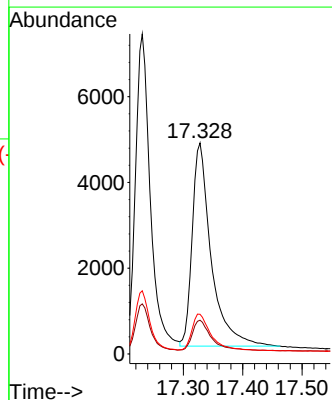
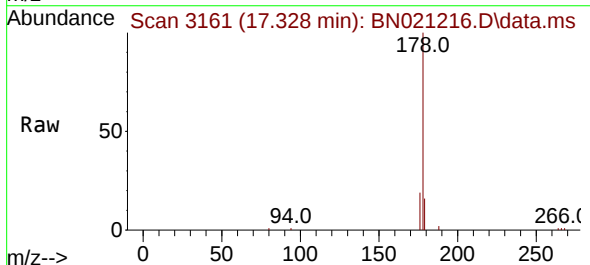
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ClientSampleId :
SSTD0.4288

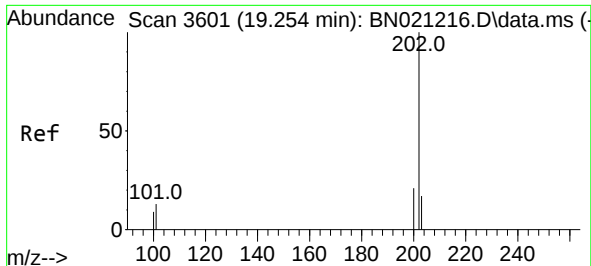
Tgt Ion:178 Resp: 13120
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:178 Resp: 10523
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 18.8 15.9 23.9





#19

Fluoranthene

Concen: 0.427 ng/ul

RT: 19.254 min Scan# 3601

Delta R.T. -0.004 min

Lab File: BN021216.D

Acq: 14 Aug 2022 14:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.4288

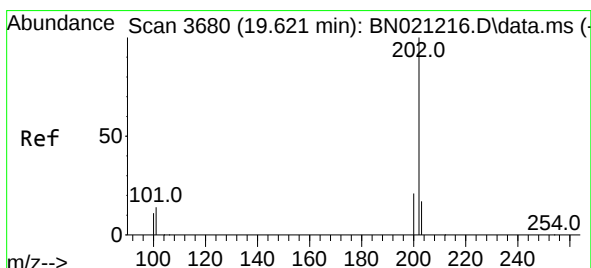
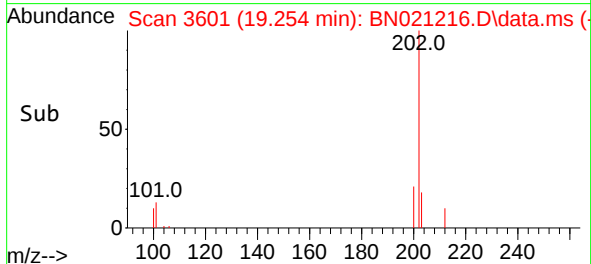
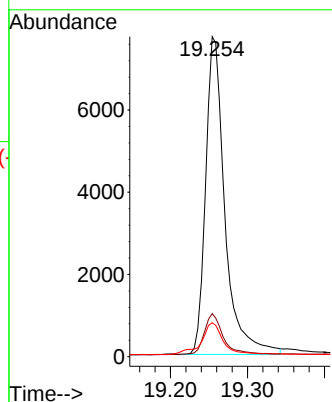
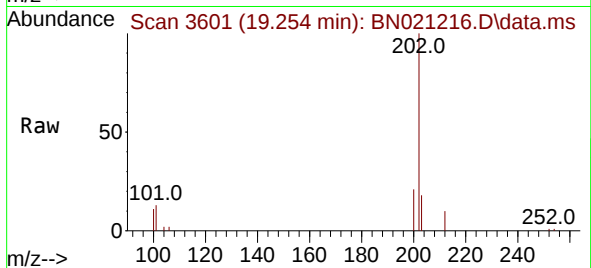
Tgt Ion:202 Resp: 13435

Ion Ratio Lower Upper

202 100

101 13.4 10.0 15.0

100 10.6 8.0 12.0



#20

Pyrene

Concen: 0.425 ng/ul

RT: 19.621 min Scan# 3680

Delta R.T. 0.000 min

Lab File: BN021216.D

Acq: 14 Aug 2022 14:23

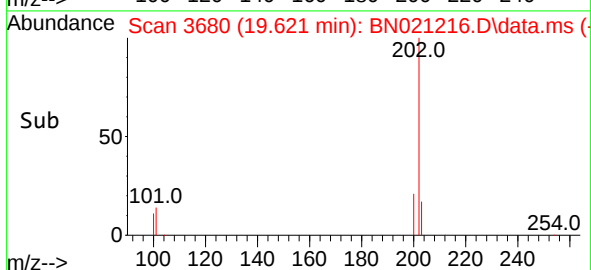
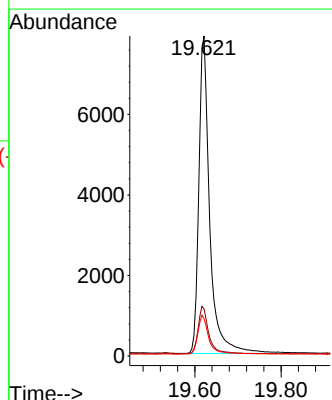
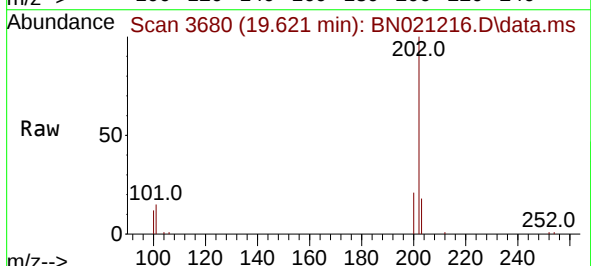
Tgt Ion:202 Resp: 13807

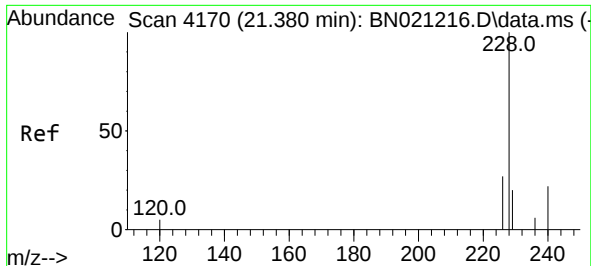
Ion Ratio Lower Upper

202 100

101 14.7 11.3 16.9

100 11.6 9.0 13.4

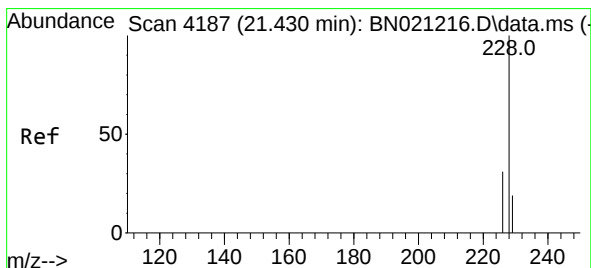
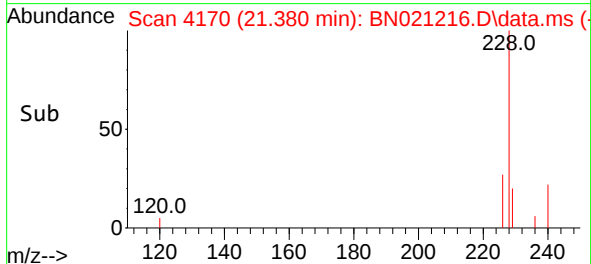
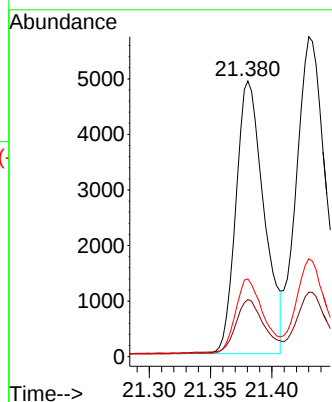
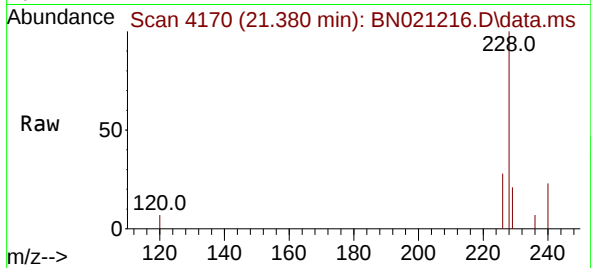




#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.380 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

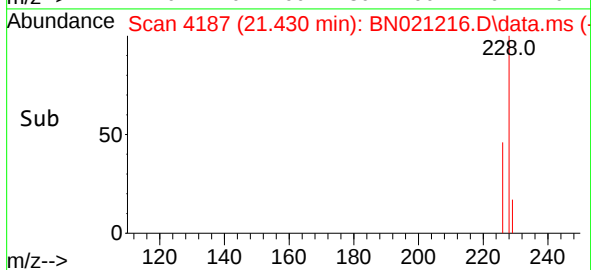
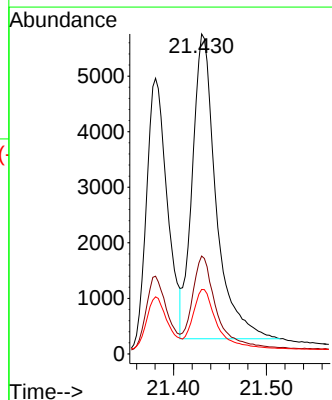
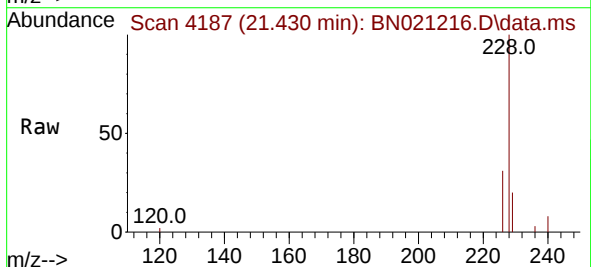
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ClientSampleId :
SSTD0.4288

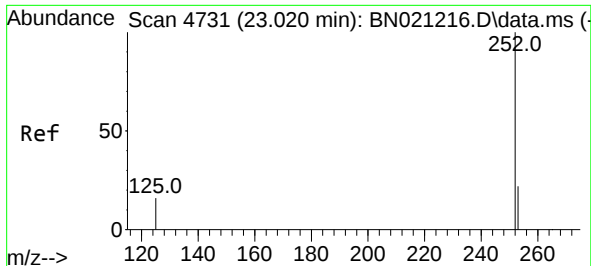
Tgt Ion:228 Resp: 7792
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

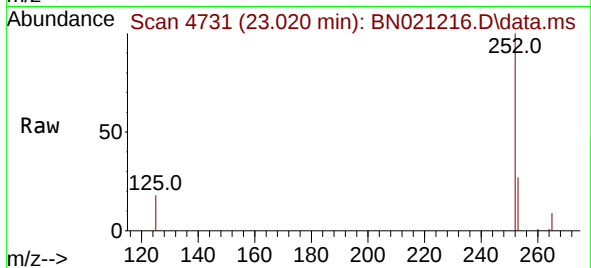
Tgt Ion:228 Resp: 9783
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.2 15.8 23.8



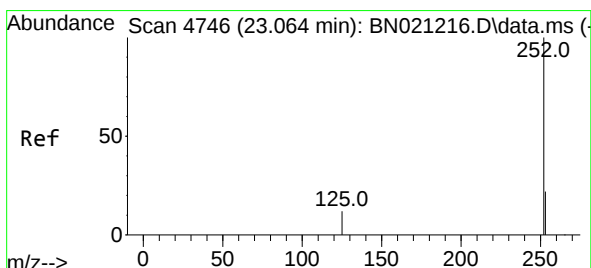
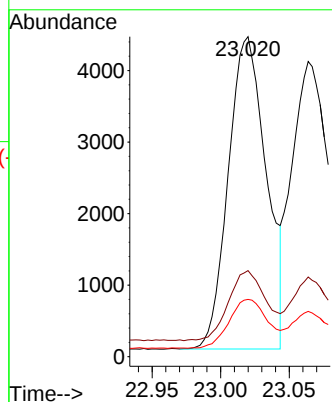


#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

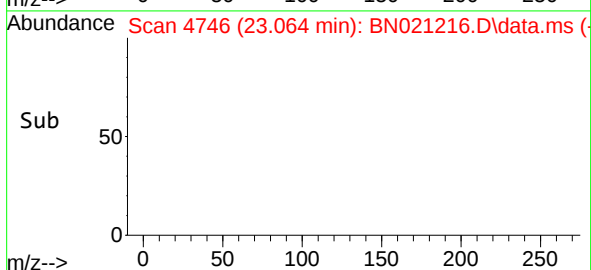
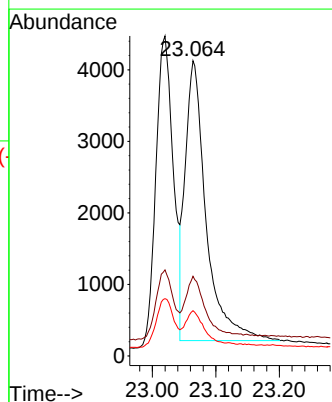
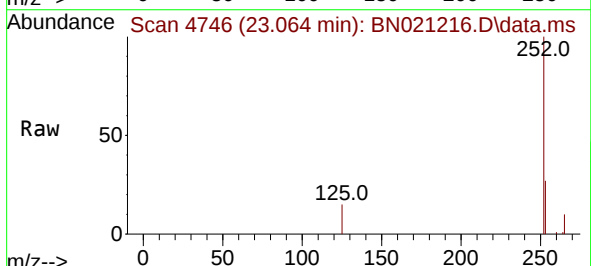


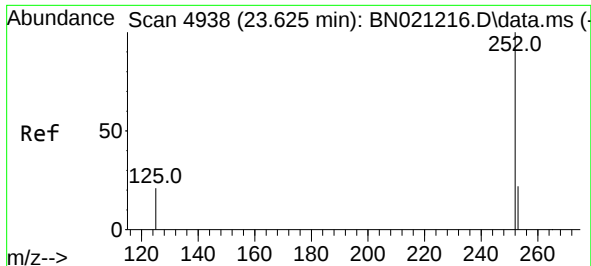
Tgt Ion:252 Resp: 8409
Ion Ratio Lower Upper
252 100
253 26.9 0.0 50.8
125 17.9 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:252 Resp: 8959
Ion Ratio Lower Upper
252 100
253 27.0 20.6 31.0
125 15.3 11.8 17.6

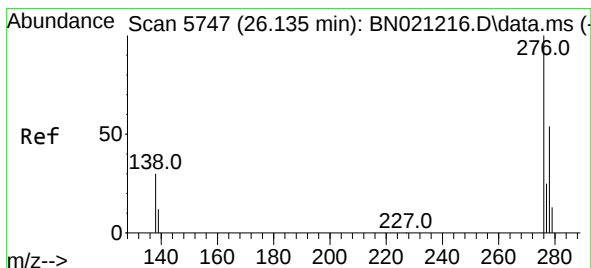
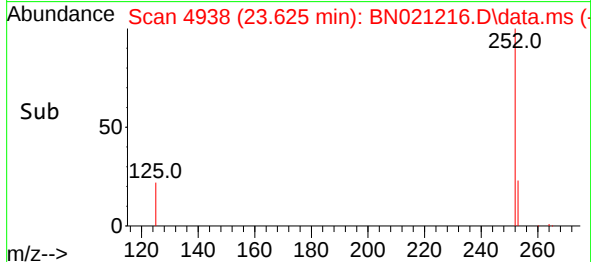
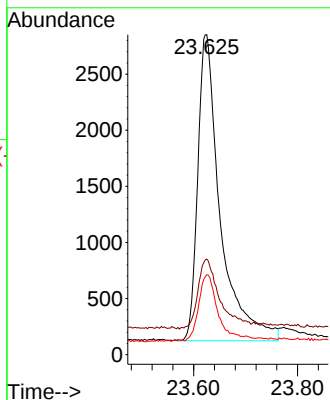
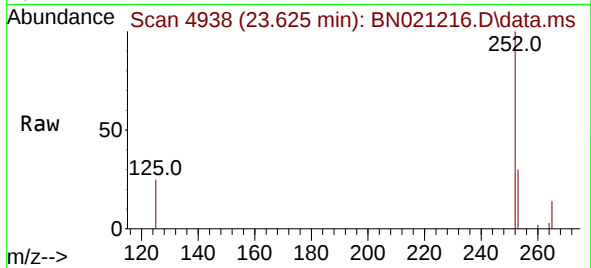




#26
Benzo(a)pyrene
Concen: 0.335 ng/ul
RT: 23.625 min Scan# 4938
Delta R.T. 0.003 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

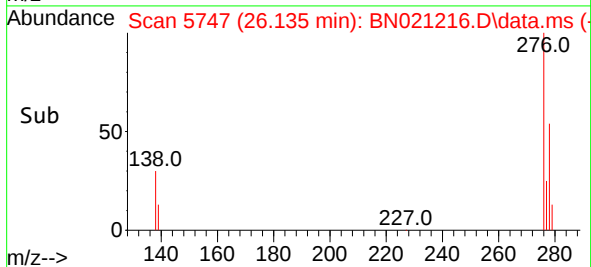
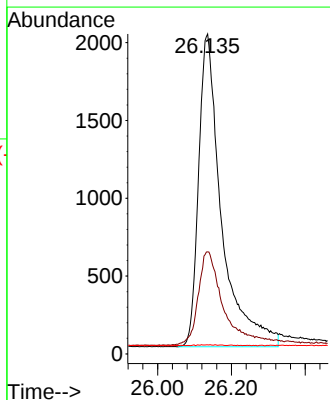
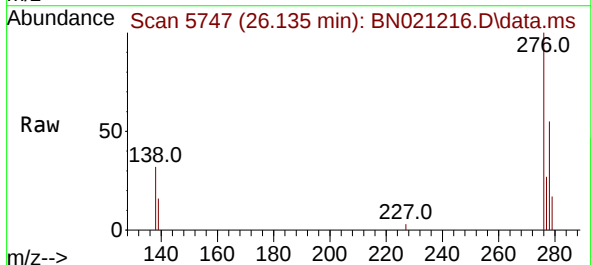
Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

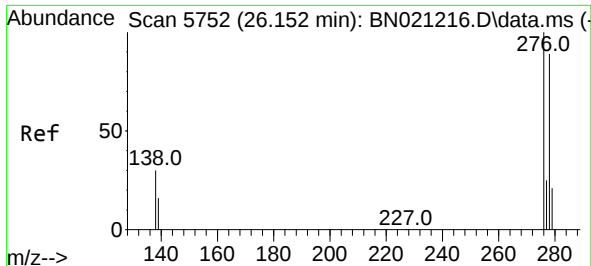
Tgt Ion:252 Resp: 8211
Ion Ratio Lower Upper
252 100
253 29.8 22.1 33.1
125 25.0 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.135 min Scan# 5747
Delta R.T. 0.000 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:276 Resp: 8697
Ion Ratio Lower Upper
276 100
138 33.2 26.1 39.1
227 0.1 0.1 0.1#

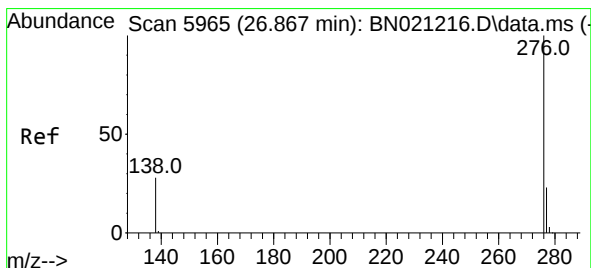
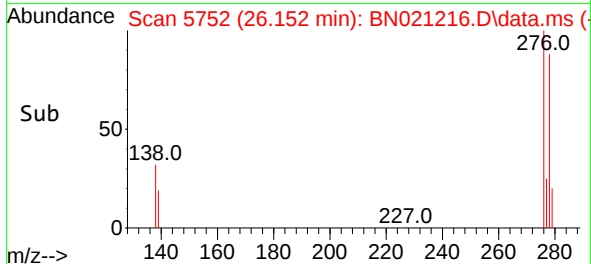
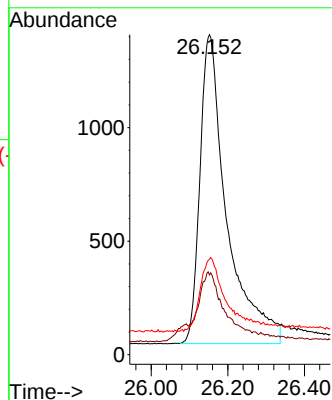
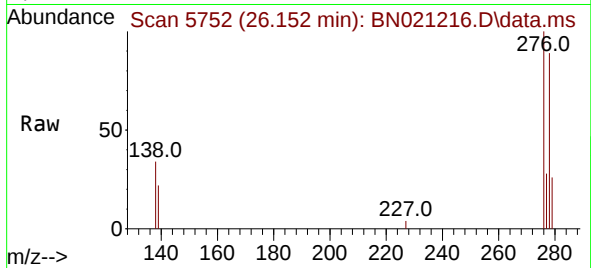




#28
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 26.152 min Scan# 5752
Delta R.T. 0.004 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

Tgt Ion:278 Resp: 6624
Ion Ratio Lower Upper
278 100
139 24.9 18.3 27.5
279 29.9 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 26.867 min Scan# 5965
Delta R.T. -0.003 min
Lab File: BN021216.D
Acq: 14 Aug 2022 14:23

Tgt Ion:276 Resp: 8075
Ion Ratio Lower Upper
276 100
138 30.5 22.6 34.0
277 25.0 20.2 30.2

