

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
 Data File : BN018329.D
 Acq On : 04 Jan 2022 10:43
 Operator : CG/JU
 Sample : SST0.216
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2216

Quant Time: Jan 04 12:34:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 12:28:21 2022
 Response via : Initial Calibration

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

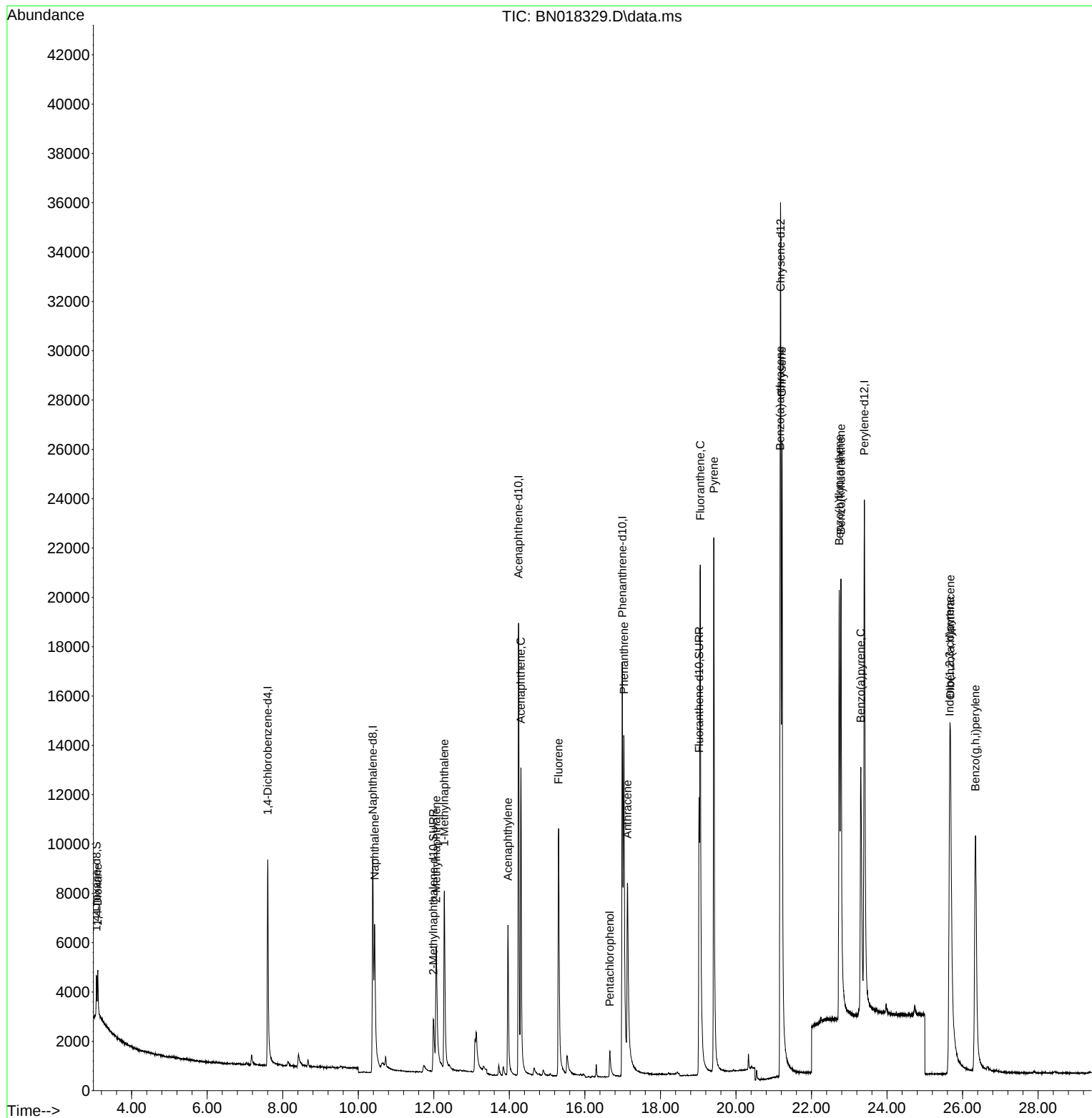
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	18561	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.245	164	12253	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	27792	0.400	ng/ul	0.00
17) Chrysene-d12	21.183	240	32602	0.400	ng/ul	0.00
23) Perylene-d12	23.401	264	30942	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	1206	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	4863	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	17766	0.184	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	1569	0.264	ng/ul#	48
5) Naphthalene	10.432	128	10330	0.188	ng/ul	98
7) 2-Methylnaphthalene	12.066	142	6236	0.155	ng/ul	100
8) 1-Methylnaphthalene	12.280	142	6960	0.171	ng/ul	99
10) Acenaphthylene	13.963	152	9363	0.177	ng/ul	99
11) Acenaphthene	14.305	153	8657	0.203	ng/ul	98
12) Fluorene	15.304	166	10017	0.190	ng/ul	99
14) Pentachlorophenol	16.662	266	1240	0.113	ng/ul	98
15) Phenanthrene	17.033	178	18219	0.198	ng/ul	99
16) Anthracene	17.126	178	14013	0.170	ng/ul	99
19) Fluoranthene	19.055	202	23661	0.183	ng/ul	99
20) Pyrene	19.413	202	25316	0.187	ng/ul	99
21) Benzo(a)anthracene	21.168	228	20043	0.161	ng/ul	100
22) Chrysene	21.218	228	26806	0.199	ng/ul	99
24) Benzo(b)fluoranthene	22.734	252	24391	0.188	ng/ul	97
25) Benzo(k)fluoranthene	22.778	252	30132	0.204	ng/ul	97
26) Benzo(a)pyrene	23.304	252	22596	0.184	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.657	276	28780	0.184	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.681	278	21512	0.178	ng/ul	96
29) Benzo(g,h,i)perylene	26.341	276	26430	0.199	ng/ul	99

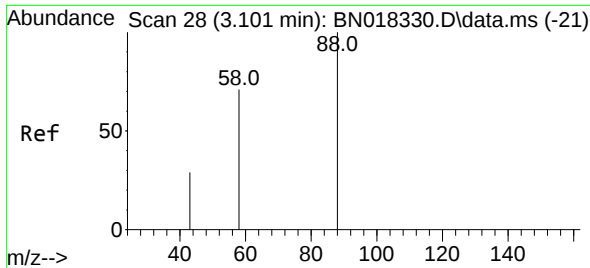
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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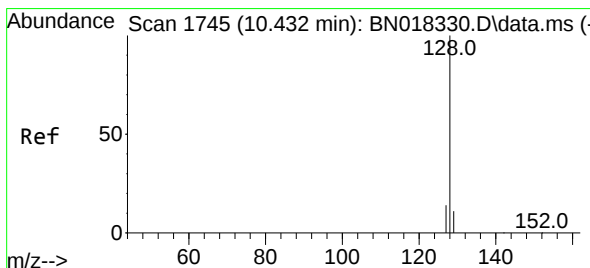
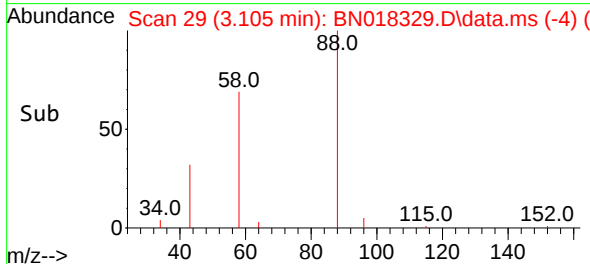
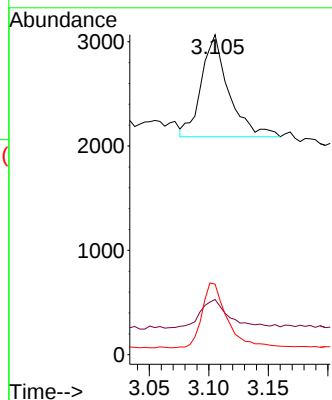
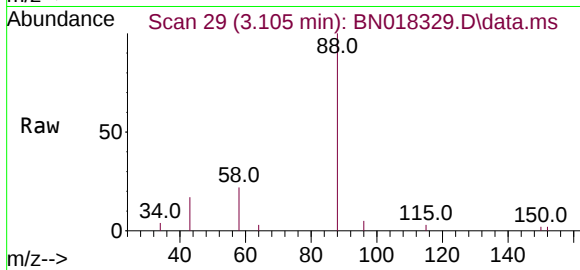




#2
1,4-Dioxane
Concen: 0.264 ng/ul
RT: 3.105 min Scan# 29
Delta R.T. 0.004 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

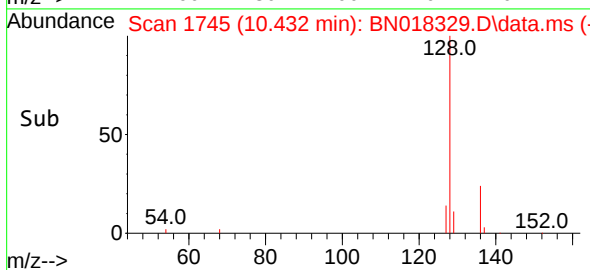
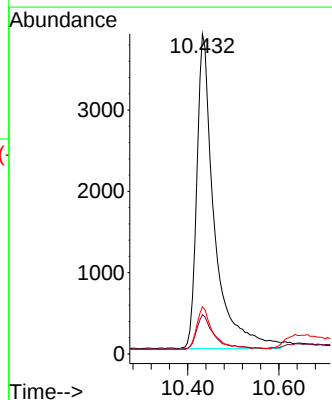
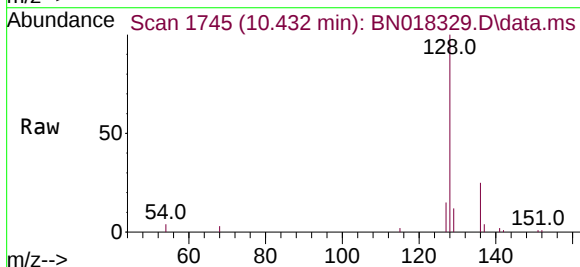
Instrument :
BNA_N
ClientSampleId :
SSTD0.2216

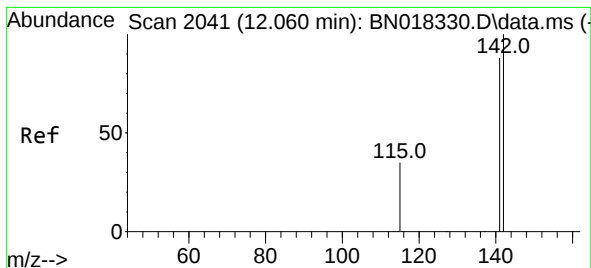
Tgt Ion: 88 Resp: 1569
Ion Ratio Lower Upper
88 100
43 17.3 47.8 71.8#
58 22.0 46.2 69.2#



#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.432 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:128 Resp: 10330
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 14.7 11.0 16.6

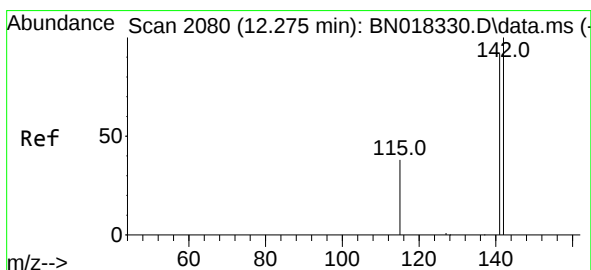
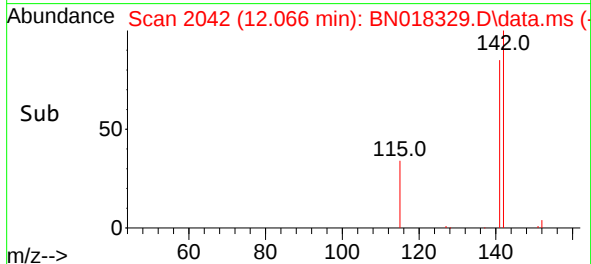
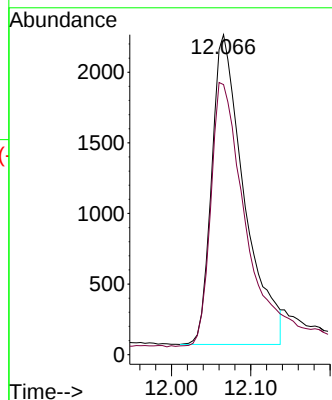
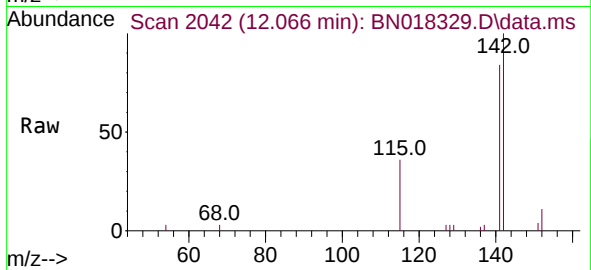




#7
2-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 12.066 min Scan# 2042
Delta R.T. 0.005 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

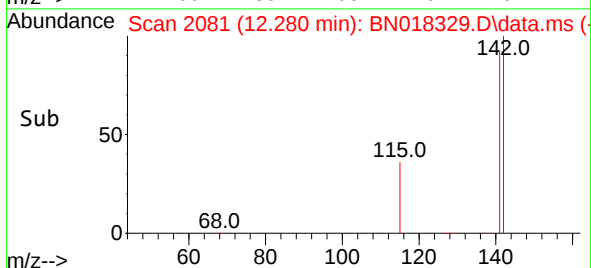
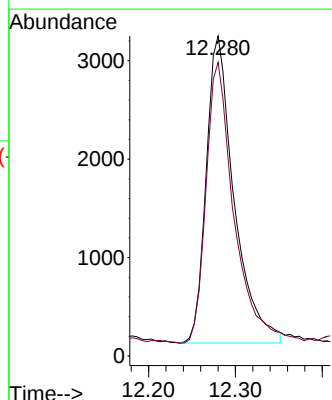
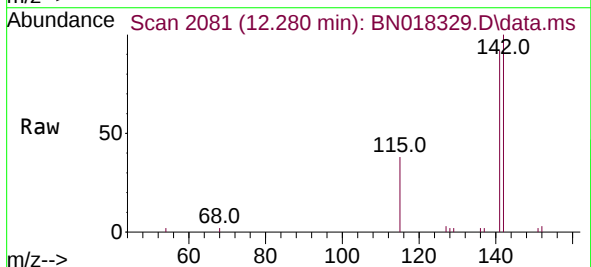
Instrument :
BNA_N
ClientSampleId :
SSTD0.2216

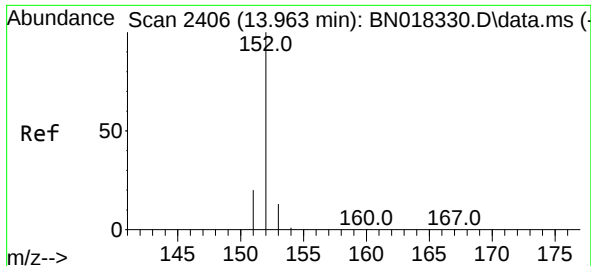
Tgt Ion:142 Resp: 6236
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.280 min Scan# 2081
Delta R.T. 0.005 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:142 Resp: 6960
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8

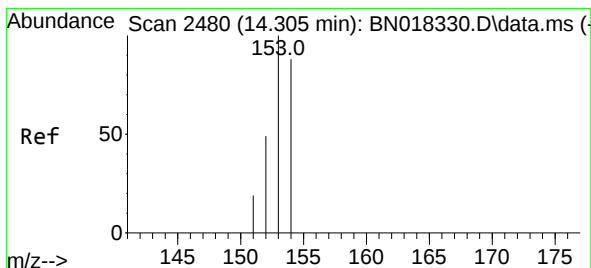
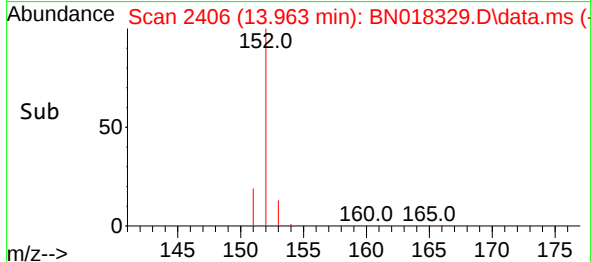
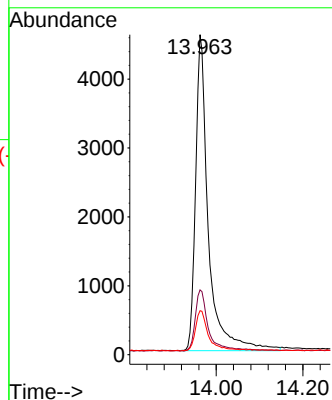
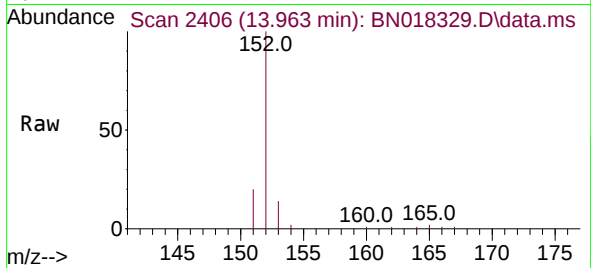




#10
Acenaphthylene
Concen: 0.177 ng/ul
RT: 13.963 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

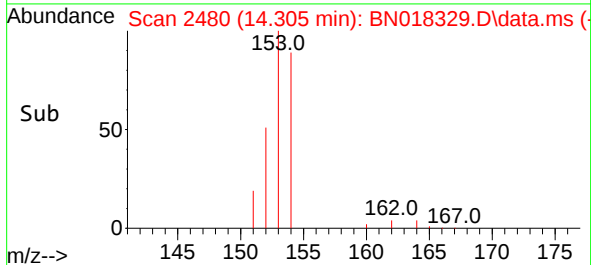
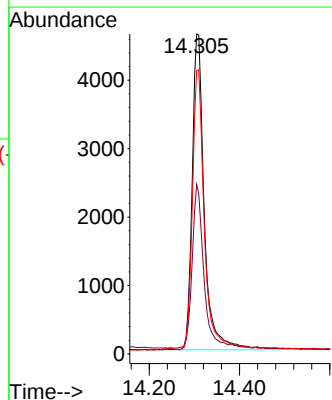
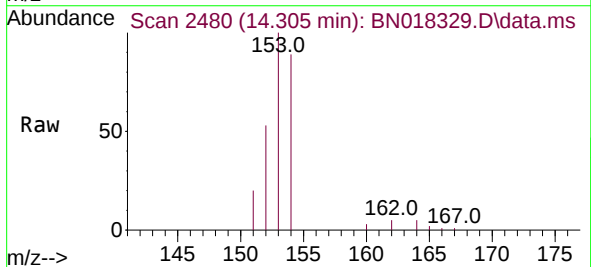
Instrument :
BNA_N
ClientSampleId :
SSTD0.2216

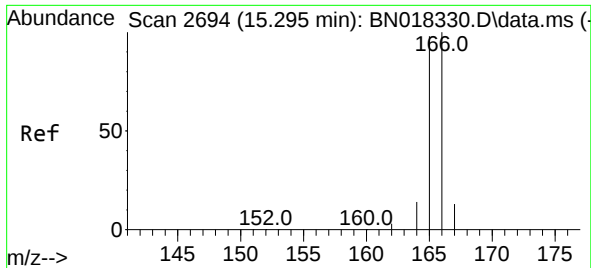
Tgt Ion:152 Resp: 9363
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.7 10.7 16.1



#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.305 min Scan# 2480
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:153 Resp: 8657
Ion Ratio Lower Upper
153 100
152 53.0 39.7 59.5
154 88.6 70.9 106.3

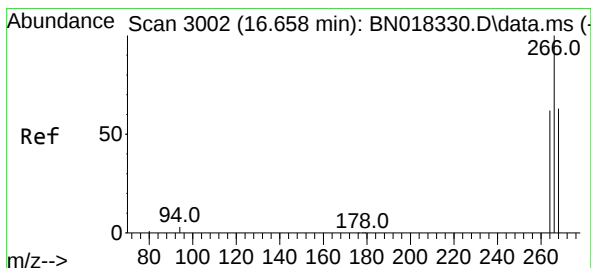
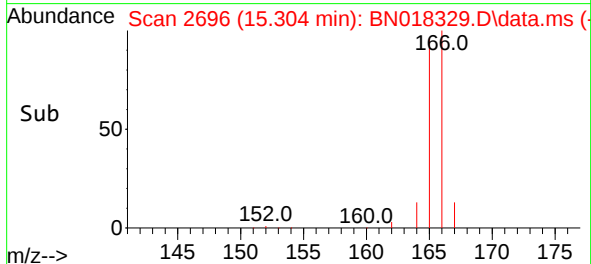
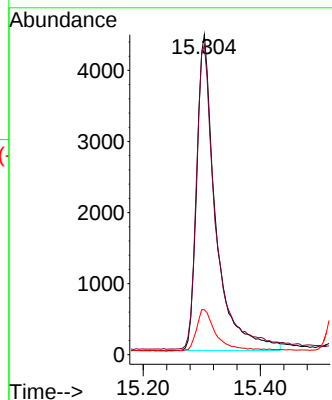
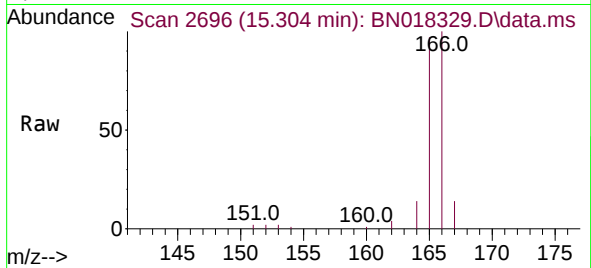




#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.304 min Scan# 2003
Delta R.T. 0.009 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

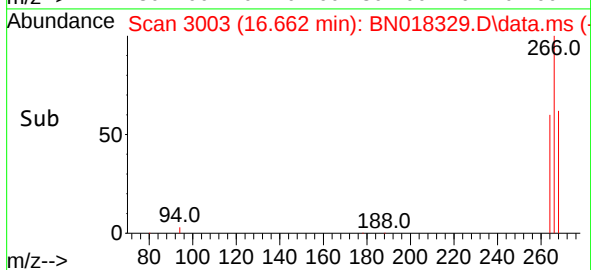
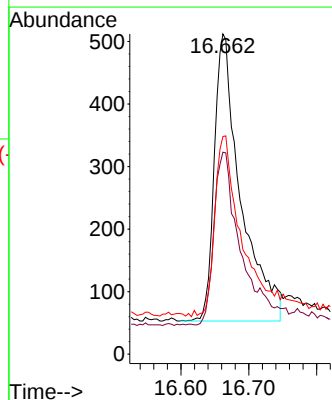
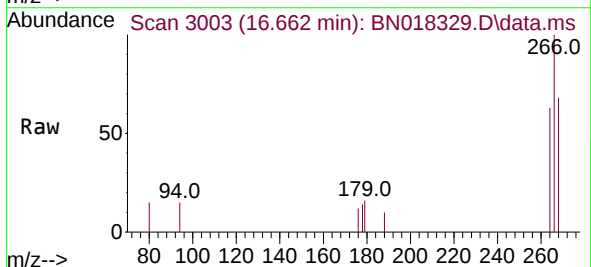
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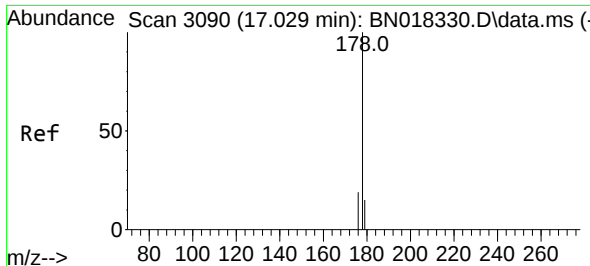
Tgt Ion:166 Resp: 10017
Ion Ratio Lower Upper
166 100
165 96.7 77.8 116.6
167 14.0 11.6 17.4



#14
Pentachlorophenol
Concen: 0.113 ng/ul
RT: 16.662 min Scan# 3003
Delta R.T. 0.004 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:266 Resp: 1240
Ion Ratio Lower Upper
266 100
264 61.0 49.9 74.9
268 62.7 51.7 77.5

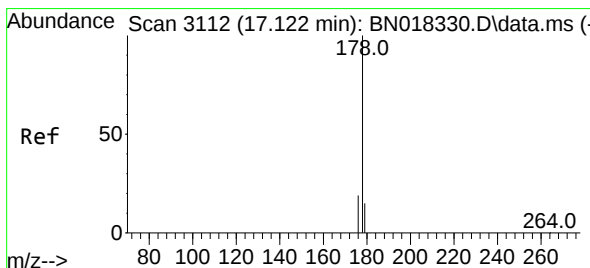
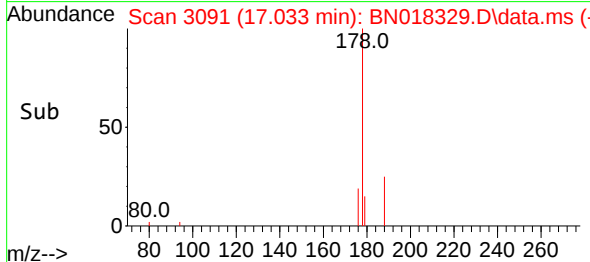
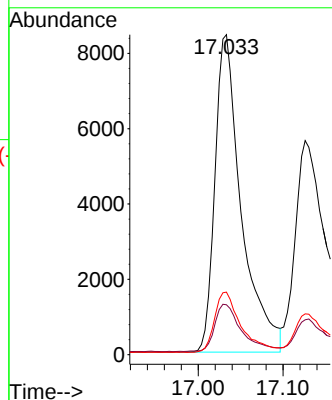
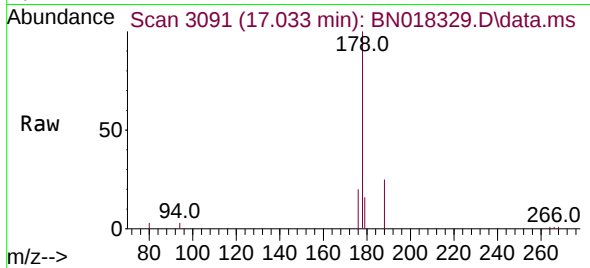




#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.033 min Scan# 3091
Delta R.T. 0.004 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

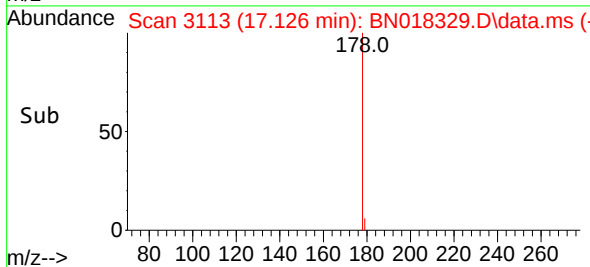
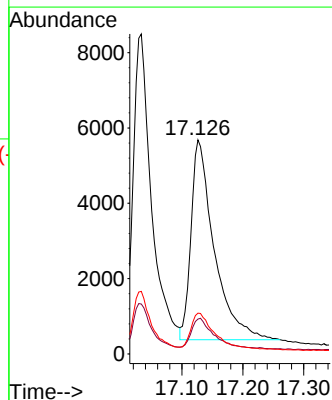
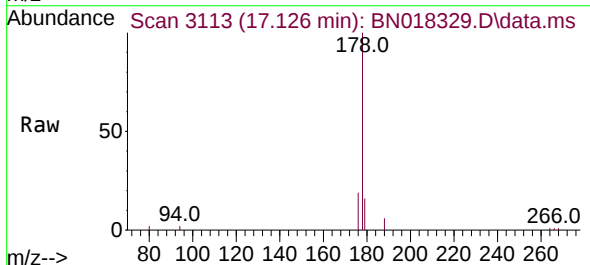
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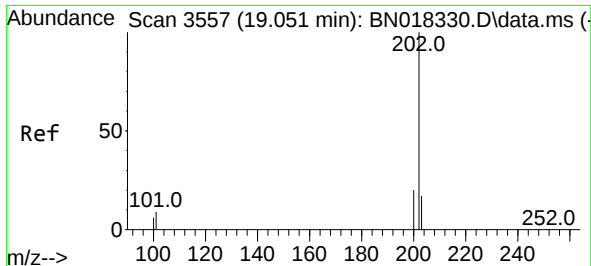
Tgt Ion:178 Resp: 18219
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.170 ng/ul
RT: 17.126 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:178 Resp: 14013
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 19.1 15.5 23.3

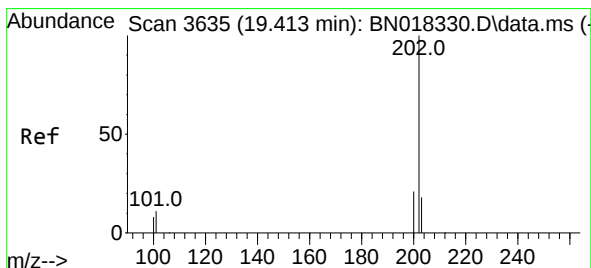
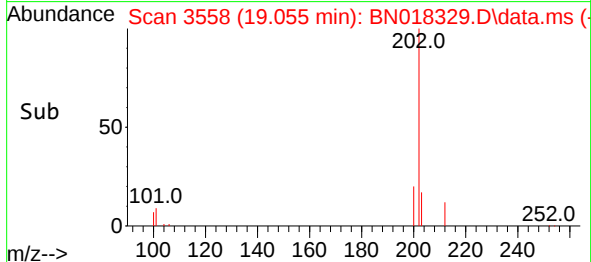
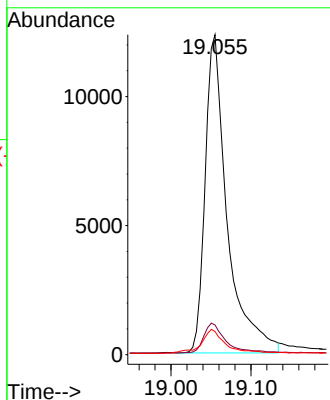
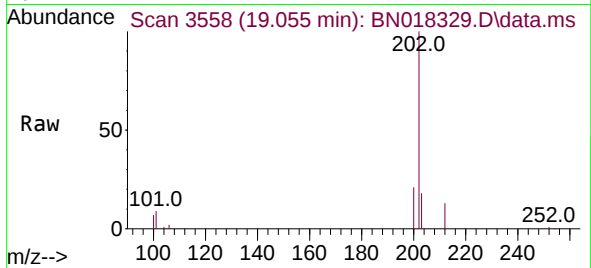




#19
Fluoranthene
Concen: 0.183 ng/ul
RT: 19.055 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

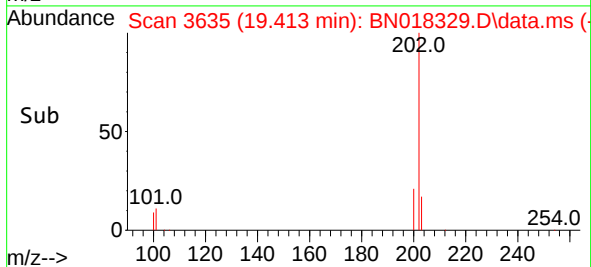
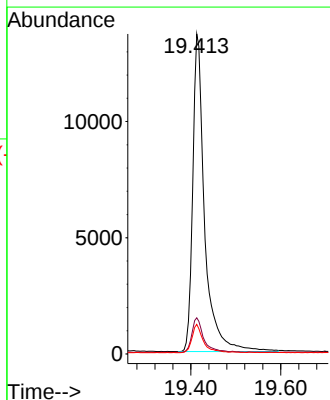
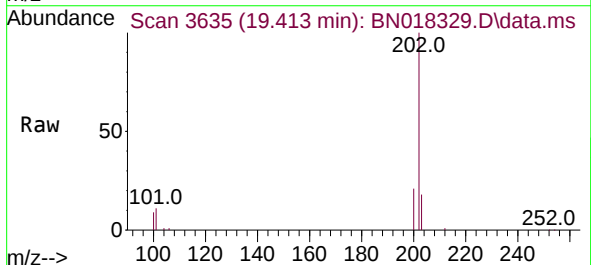
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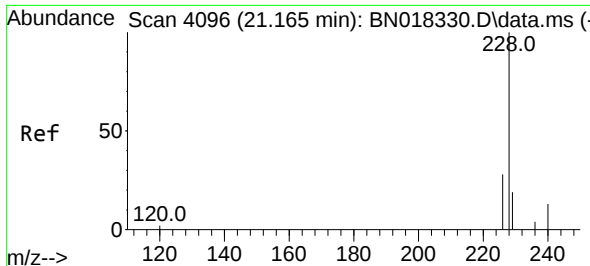
Tgt Ion:202 Resp: 23661
Ion Ratio Lower Upper
202 100
101 9.3 7.5 11.3
100 7.2 5.4 8.2



#20
Pyrene
Concen: 0.187 ng/ul
RT: 19.413 min Scan# 3635
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:202 Resp: 25316
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 9.3 7.0 10.4

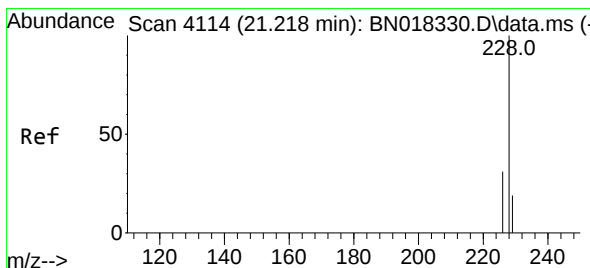
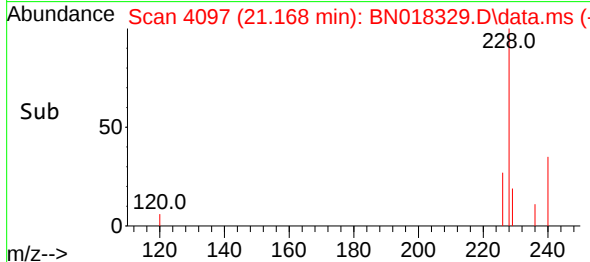
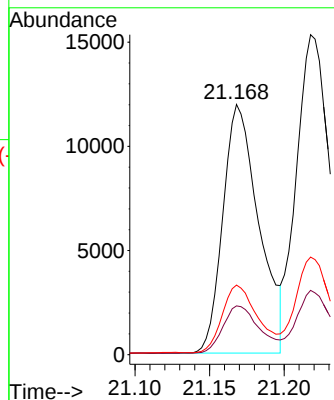
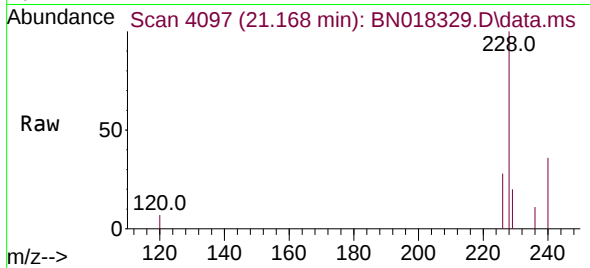




#21
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.168 min Scan# 4096
Delta R.T. 0.003 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

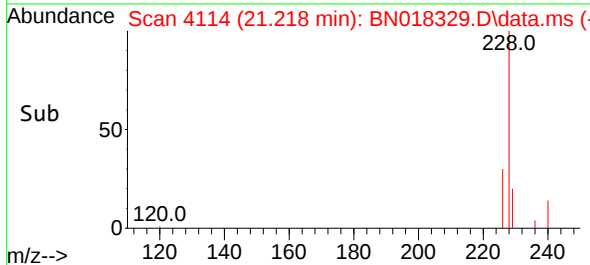
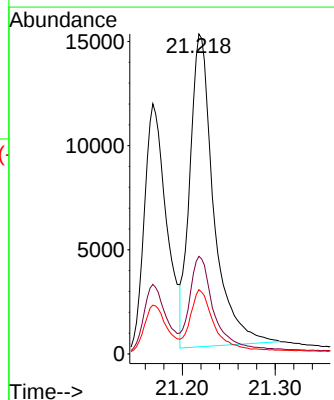
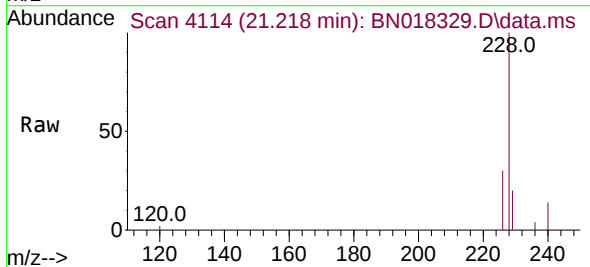
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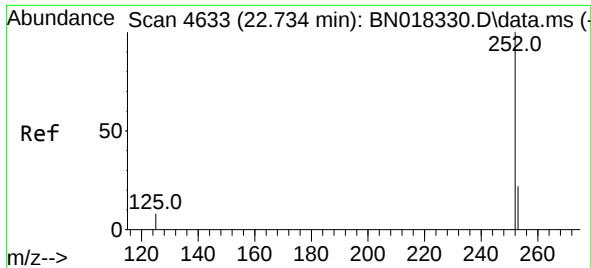
Tgt Ion:228 Resp: 20043
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.199 ng/ul
RT: 21.218 min Scan# 4114
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:228 Resp: 26806
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 20.1 15.7 23.5

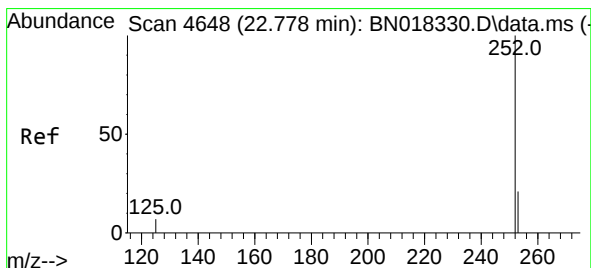
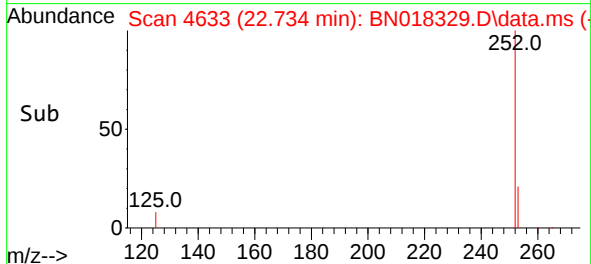
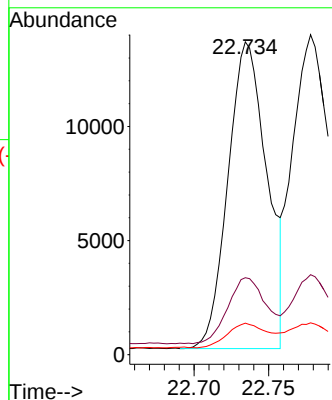
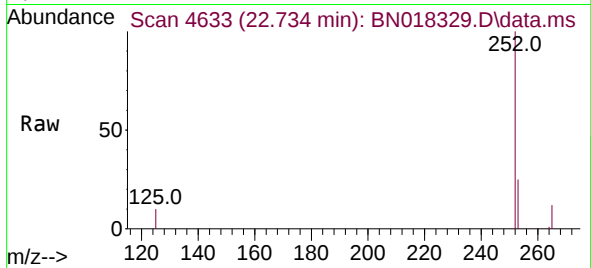




#24
Benzo(b)fluoranthene
Concen: 0.188 ng/ul
RT: 22.734 min Scan# 4633
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

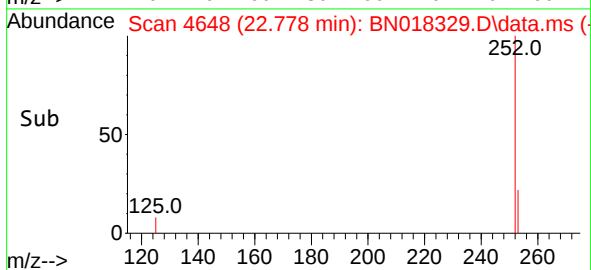
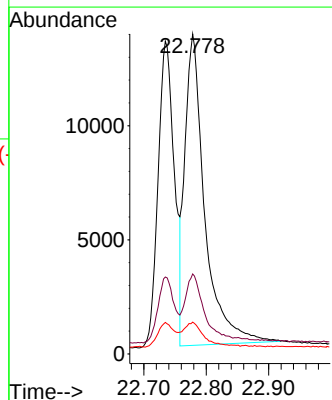
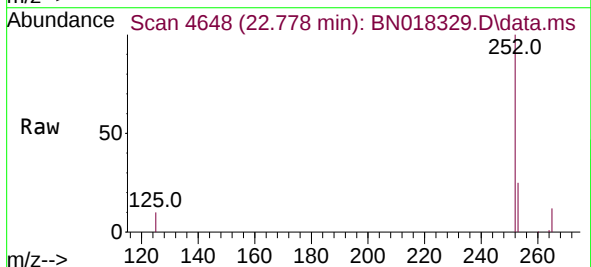
Instrument :
BNA_N
ClientSampleId :
SSTD0.2216

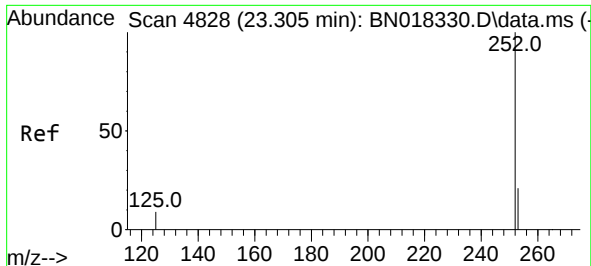
Tgt Ion:252 Resp: 24391
Ion Ratio Lower Upper
252 100
253 24.6 0.0 46.4
125 10.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.204 ng/ul
RT: 22.778 min Scan# 4648
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:252 Resp: 30132
Ion Ratio Lower Upper
252 100
253 25.0 18.6 28.0
125 9.9 7.3 10.9

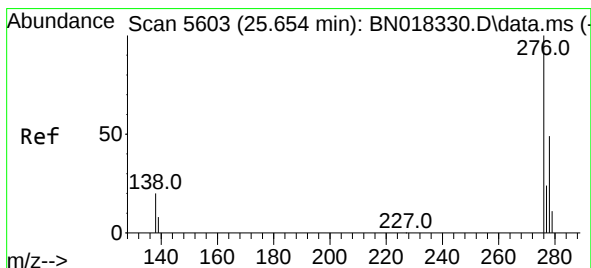
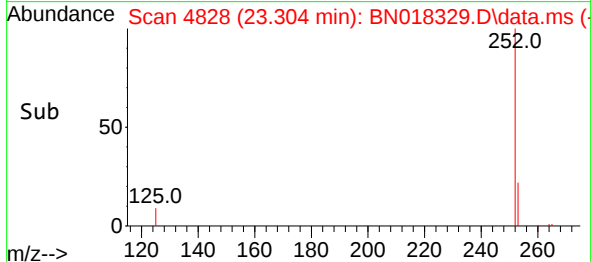
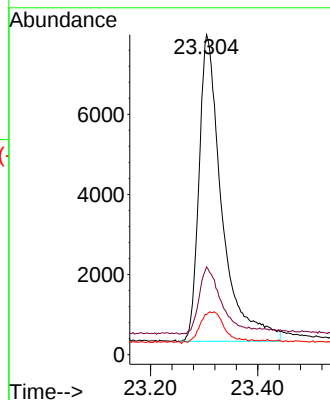
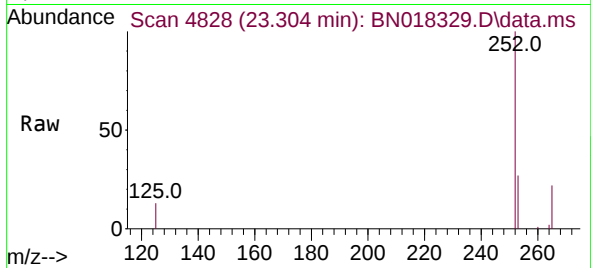




#26
Benzo(a)pyrene
Concen: 0.184 ng/ul
RT: 23.304 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

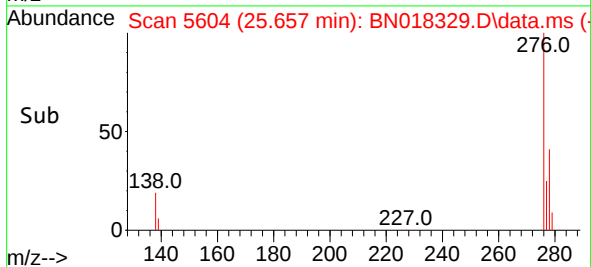
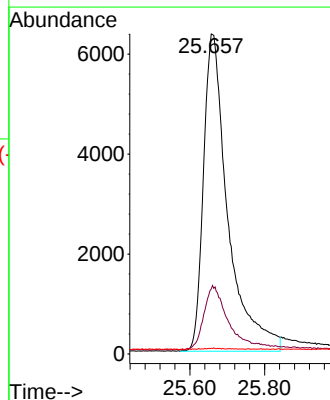
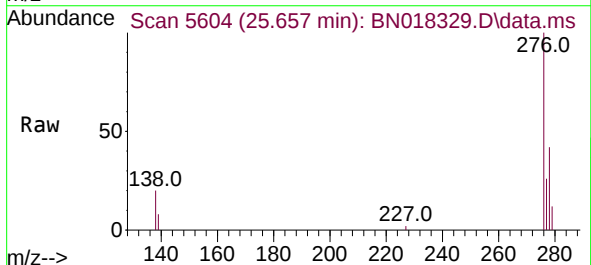
Instrument :
BNA_N
ClientSampleId :
SSTD0.2216

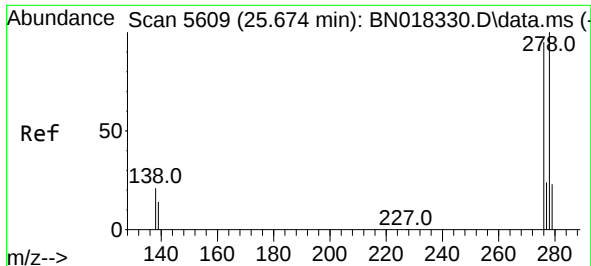
Tgt Ion:252 Resp: 22596
Ion Ratio Lower Upper
252 100
253 27.5 18.9 28.3
125 12.5 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 25.657 min Scan# 5604
Delta R.T. 0.003 min
Lab File: BN018329.D
Acq: 04 Jan 2022 10:43

Tgt Ion:276 Resp: 28780
Ion Ratio Lower Upper
276 100
138 21.1 16.5 24.7
227 0.1 0.1 0.1#

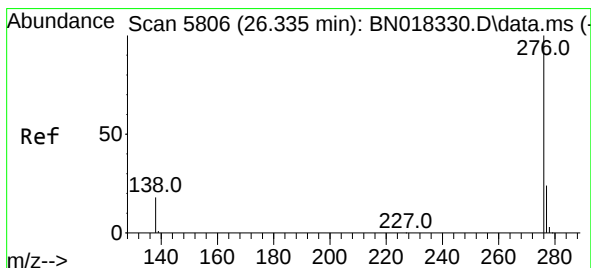
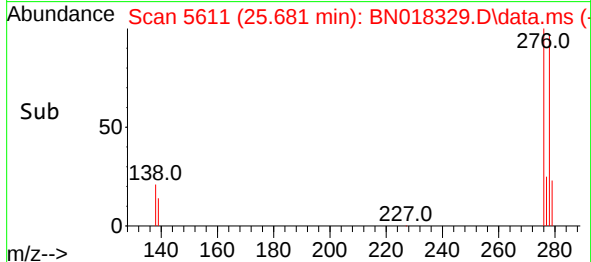
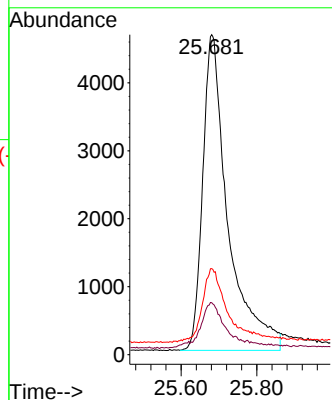
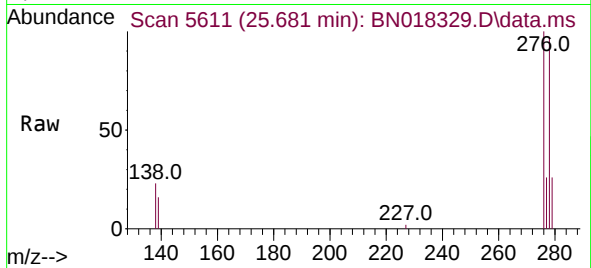




#28
 Dibenzo(a,h)anthracene
 Concen: 0.178 ng/ul
 RT: 25.681 min Scan# 5611
 Delta R.T. 0.007 min
 Lab File: BN018329.D
 Acq: 04 Jan 2022 10:43

Instrument :
 BNA_N
 ClientSampleId :
 SST00.2216

Tgt Ion:278 Resp: 21512
 Ion Ratio Lower Upper
 278 100
 139 16.2 11.9 17.9
 279 26.9 19.5 29.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.199 ng/ul
 RT: 26.341 min Scan# 5808
 Delta R.T. 0.007 min
 Lab File: BN018329.D
 Acq: 04 Jan 2022 10:43

Tgt Ion:276 Resp: 26430
 Ion Ratio Lower Upper
 276 100
 138 18.5 14.4 21.6
 277 24.6 19.2 28.8

