

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122121\
 Data File : BN018135.D
 Acq On : 21 Dec 2021 20:35
 Operator : CG/JU
 Sample : SSTD0.251
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2202

Quant Time: Dec 22 03:06:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 03:03:54 2021
 Response via : Initial Calibration

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

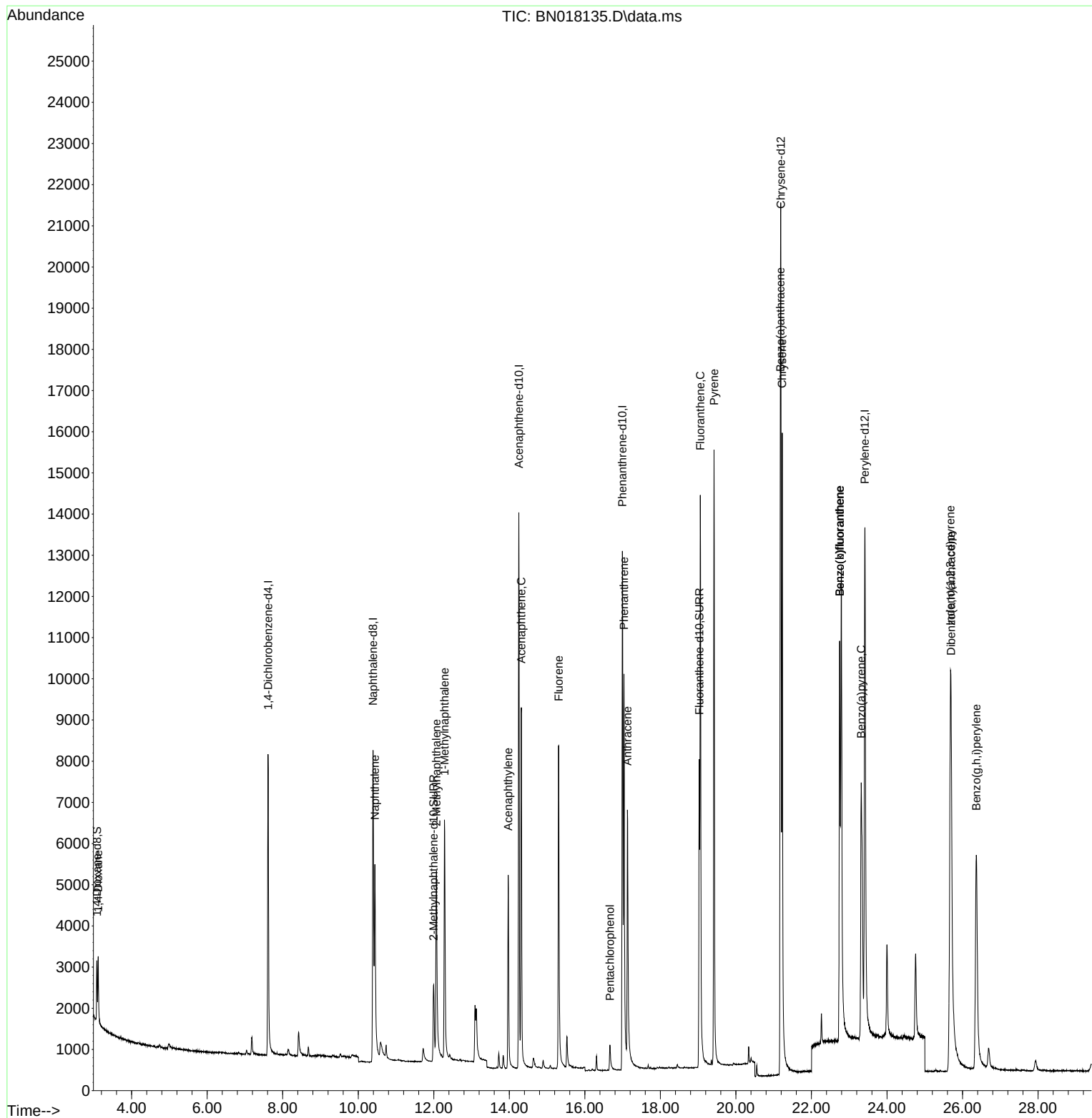
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.392	136	13142	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.253	164	7883	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	16867	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	17573	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	18331	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	967	0.213	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	3488	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.030	212	9690	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.114	88	1292	0.243	ng/ul#	83
5) Naphthalene	10.442	128	7768	0.216	ng/ul	98
7) 2-Methylnaphthalene	12.070	142	4678	0.231	ng/ul	100
8) 1-Methylnaphthalene	12.284	142	4939	0.210	ng/ul	99
10) Acenaphthylene	13.970	152	6274	0.196	ng/ul	98
11) Acenaphthene	14.317	153	5570	0.196	ng/ul	98
12) Fluorene	15.307	166	6302	0.201	ng/ul	98
14) Pentachlorophenol	16.665	266	630	0.213	ng/ul	99
15) Phenanthrene	17.036	178	11268	0.193	ng/ul	98
16) Anthracene	17.129	178	8690	0.189	ng/ul	99
19) Fluoranthene	19.058	202	13591	0.192	ng/ul	98
20) Pyrene	19.421	202	14630	0.185	ng/ul	99
21) Benzo(a)anthracene	21.175	228	11440	0.219	ng/ul	99
22) Chrysene	21.225	228	14912	0.199	ng/ul	100
24) Benzo(b)fluoranthene	22.748	252	13593	0.186	ng/ul	96
25) Benzo(k)fluoranthene	22.748	252	13593	0.139	ng/ul	97
26) Benzo(a)pyrene	23.318	252	13051	0.184	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.682	276	17204	0.216	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.699	278	12911	0.222	ng/ul	99
29) Benzo(g,h,i)perylene	26.366	276	14140	0.207	ng/ul	98

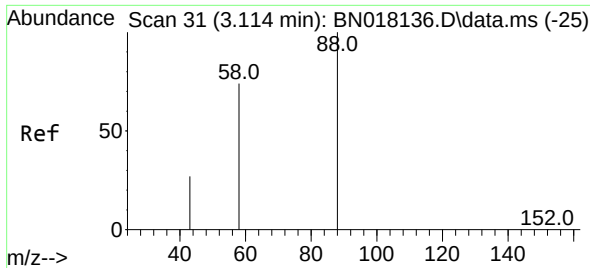
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 03:03:54 2021
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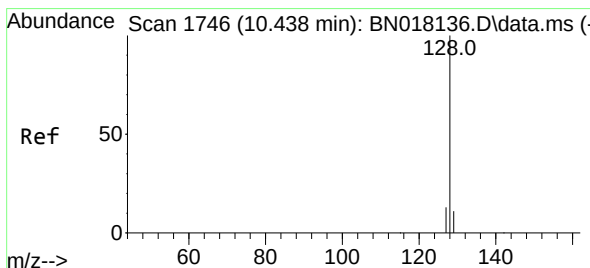
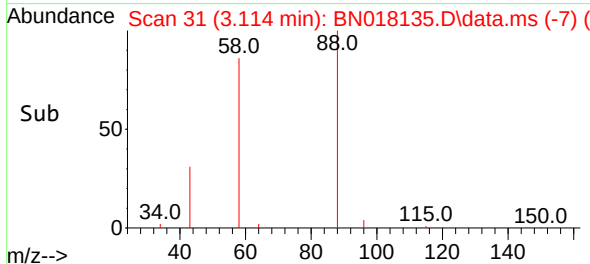
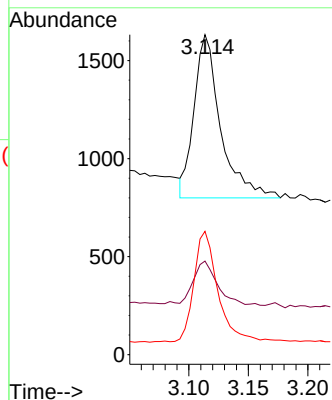
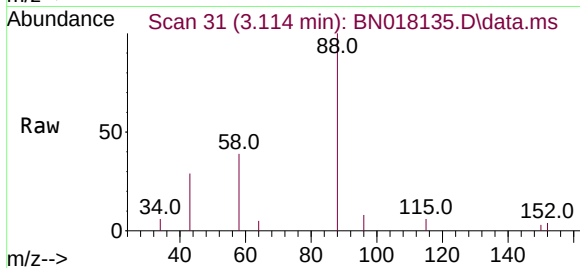




#2
 1,4-Dioxane
 Concen: 0.243 ng/ul
 RT: 3.114 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN018135.D
 Acq: 21 Dec 2021 20:35

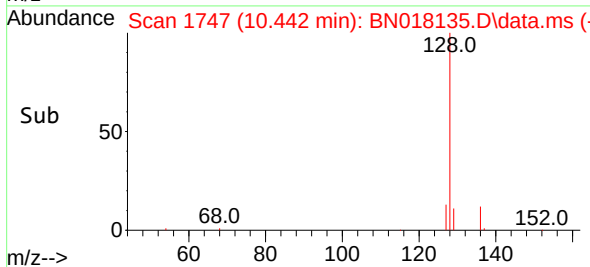
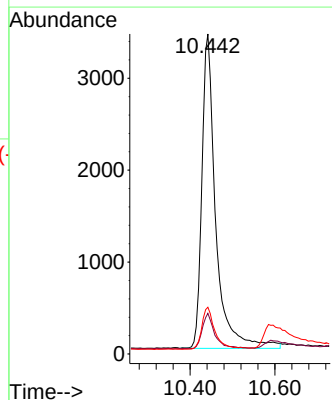
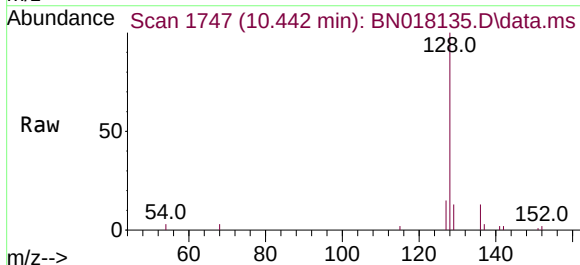
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2202

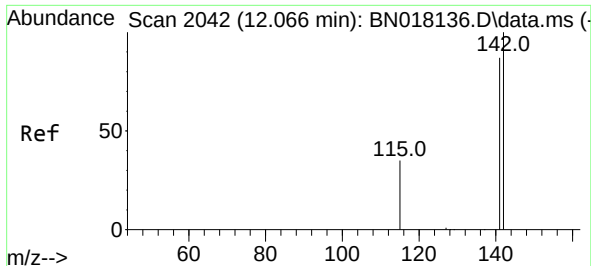
Tgt Ion: 88 Resp: 1292
 Ion Ratio Lower Upper
 88 100
 43 29.2 24.6 36.8
 58 38.5 45.2 67.8#



#5
 Naphthalene
 Concen: 0.216 ng/ul
 RT: 10.442 min Scan# 1747
 Delta R.T. 0.004 min
 Lab File: BN018135.D
 Acq: 21 Dec 2021 20:35

Tgt Ion:128 Resp: 7768
 Ion Ratio Lower Upper
 128 100
 129 12.7 9.3 13.9
 127 14.6 11.1 16.7

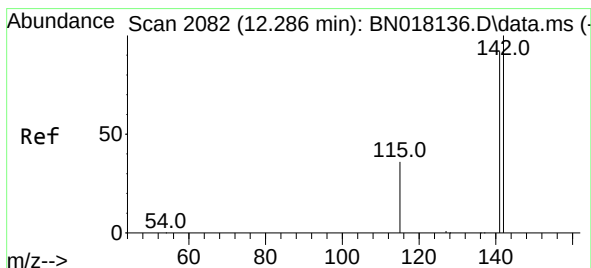
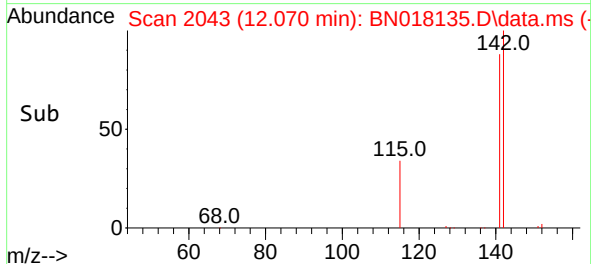
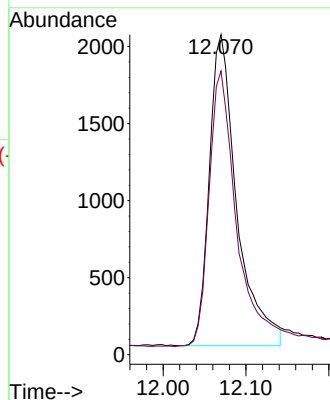
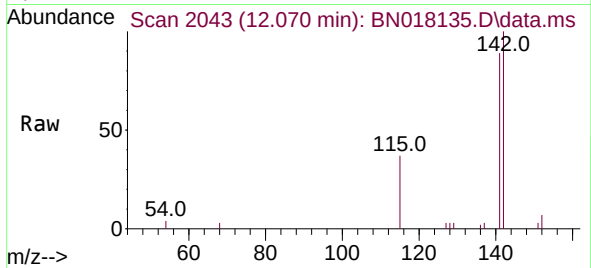




#7
2-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. 0.004 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

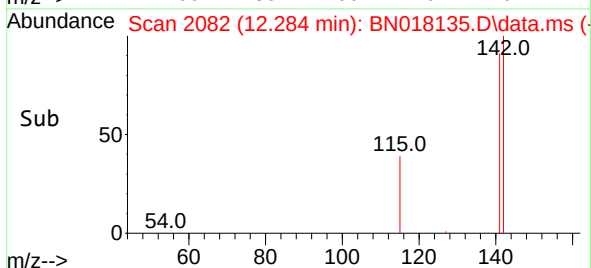
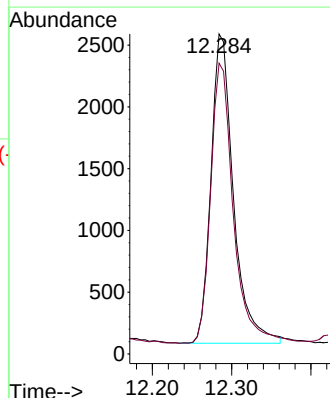
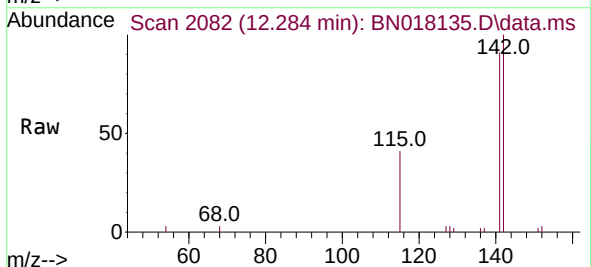
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

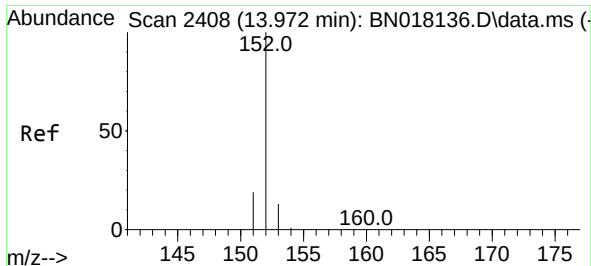
Tgt Ion:142 Resp: 4678
Ion Ratio Lower Upper
142 100
141 88.4 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:142 Resp: 4939
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8

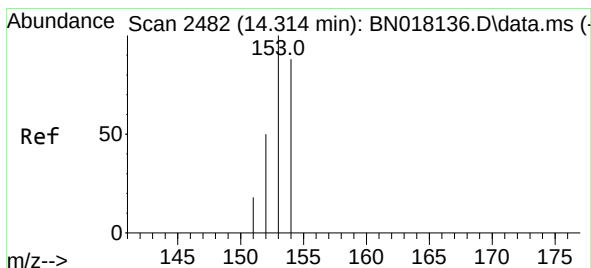
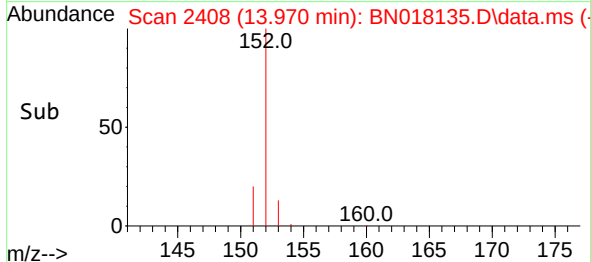
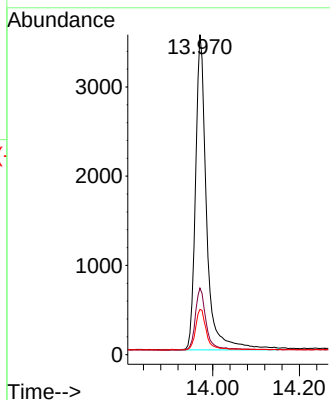
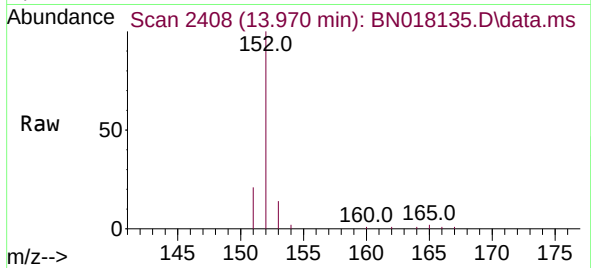




#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

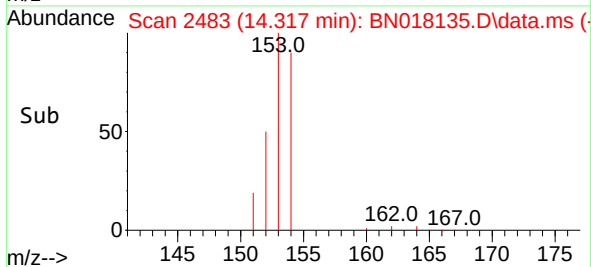
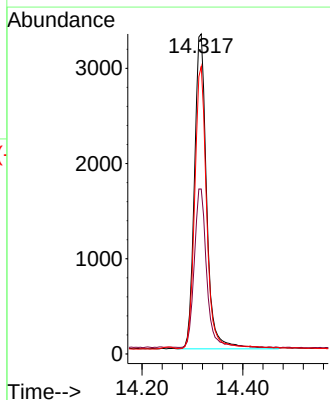
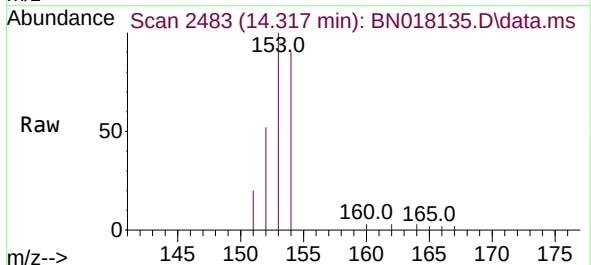
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

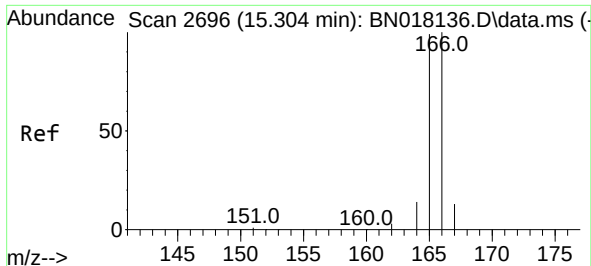
Tgt Ion:152 Resp: 6274
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.2 11.0 16.4



#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. 0.003 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:153 Resp: 5570
Ion Ratio Lower Upper
153 100
152 51.6 40.8 61.2
154 89.9 70.3 105.5

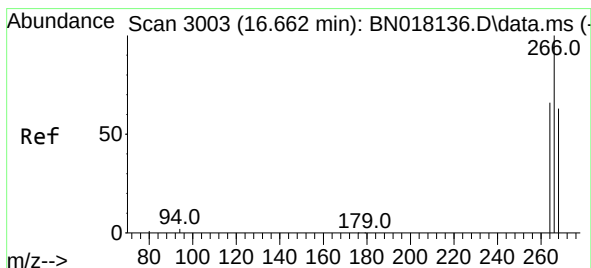
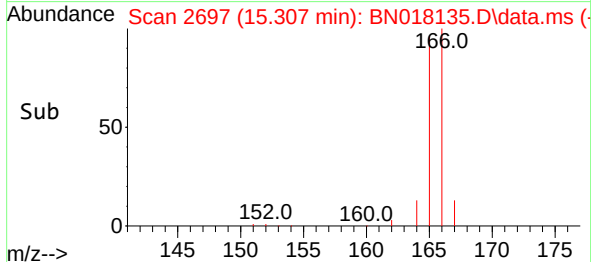
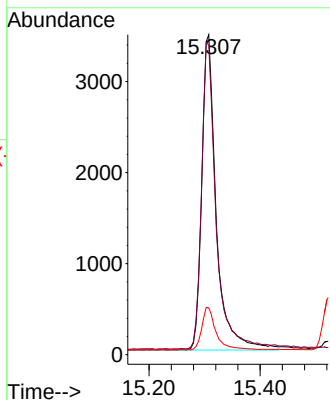
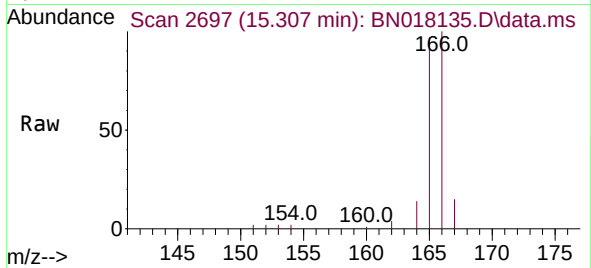




#12
 Fluorene
 Concen: 0.201 ng/ul
 RT: 15.307 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: BN018135.D
 Acq: 21 Dec 2021 20:35

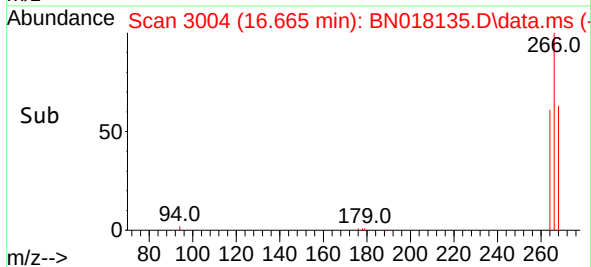
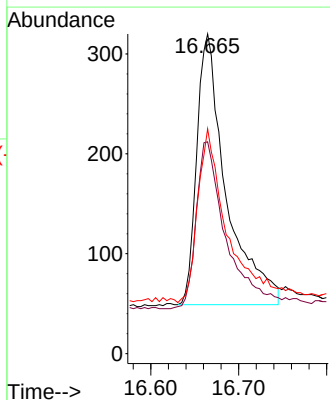
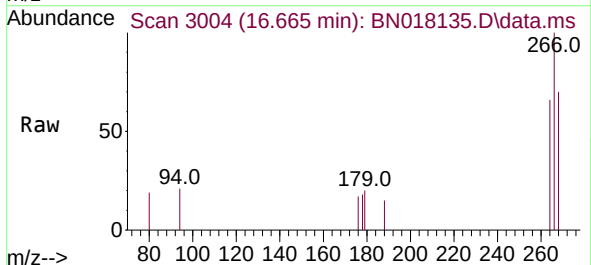
Instrument :
 BNA_N
 ClientSampleId :
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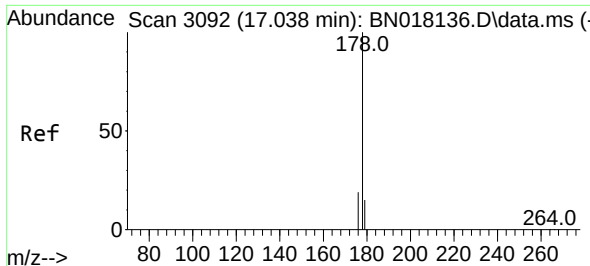
Tgt Ion:166 Resp: 6302
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.2 118.8
 167 14.6 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.213 ng/ul
 RT: 16.665 min Scan# 3004
 Delta R.T. 0.003 min
 Lab File: BN018135.D
 Acq: 21 Dec 2021 20:35

Tgt Ion:266 Resp: 630
 Ion Ratio Lower Upper
 266 100
 264 63.0 51.9 77.9
 268 64.3 51.8 77.6

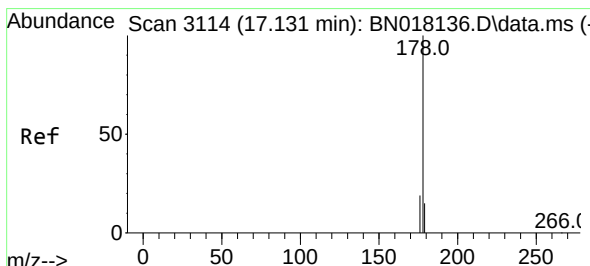
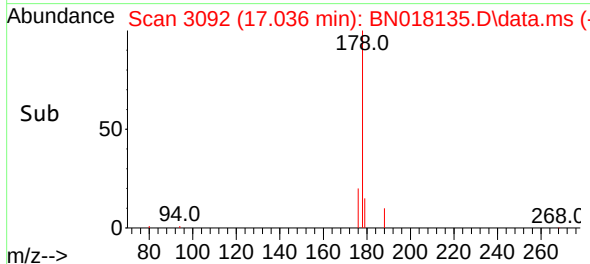
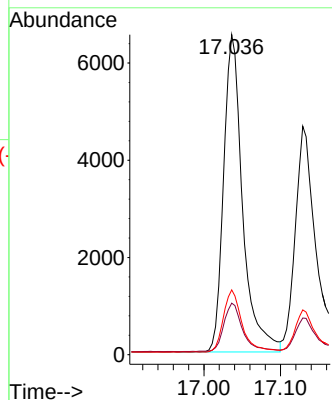
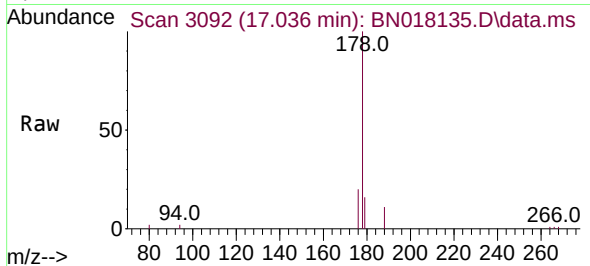




#15
Phenanthrene
Concen: 0.193 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

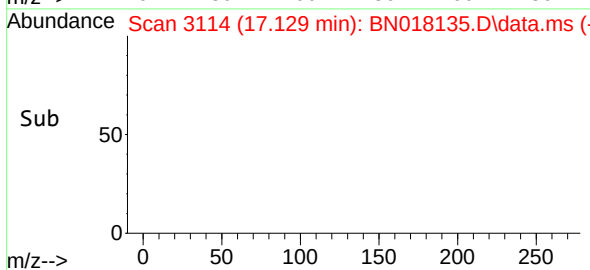
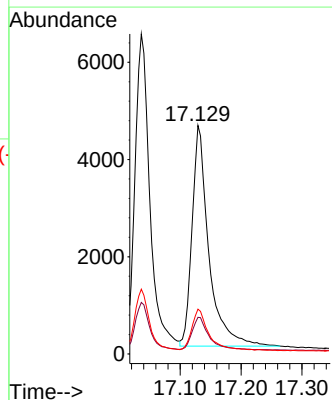
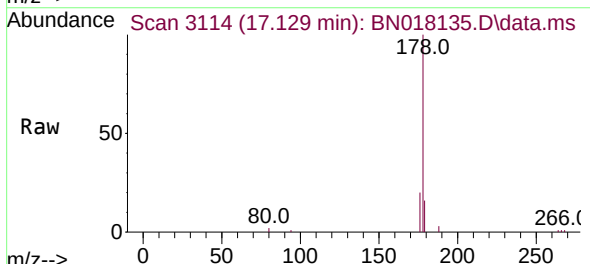
Instrument :
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ClientSampleId :
SSTD0.2202

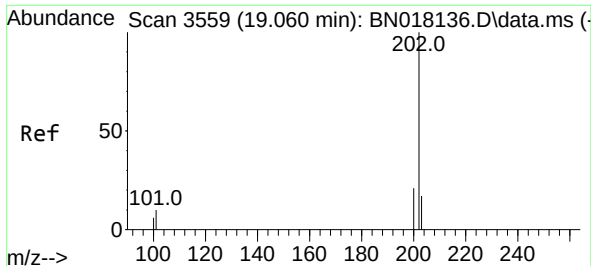
Tgt Ion:178	Resp:	11268
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.4 18.6
176	20.3	15.5 23.3



#16
Anthracene
Concen: 0.189 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:178	Resp:	8690
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.7 19.1
176	19.6	15.3 22.9

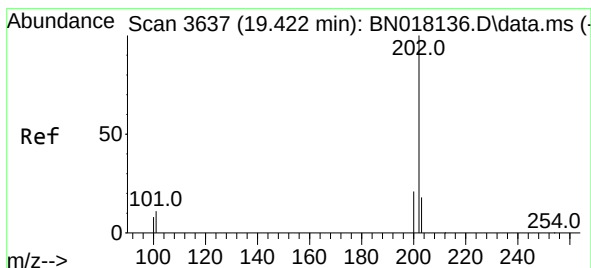
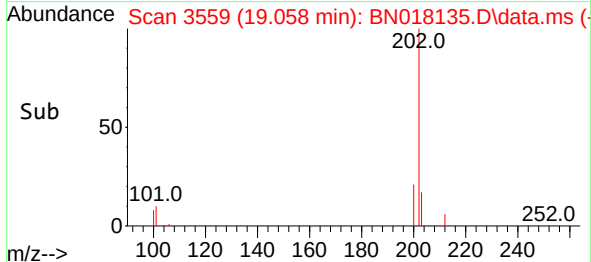
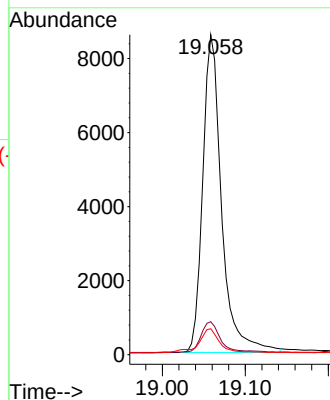
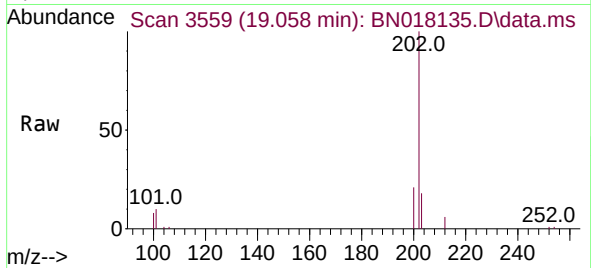




#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

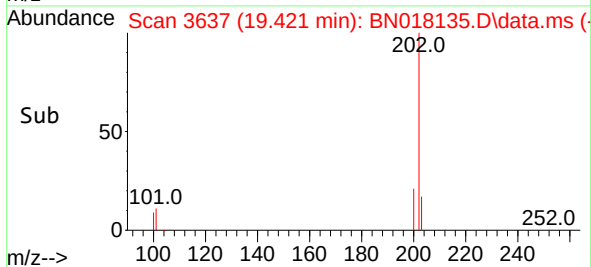
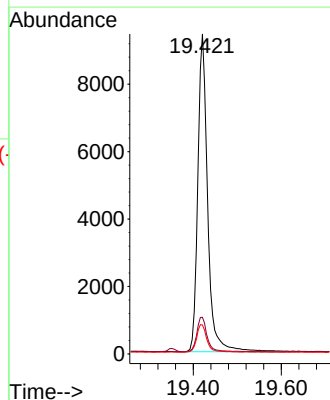
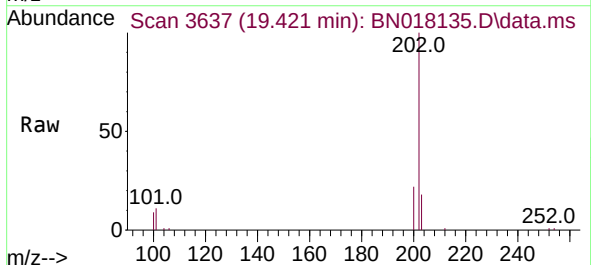
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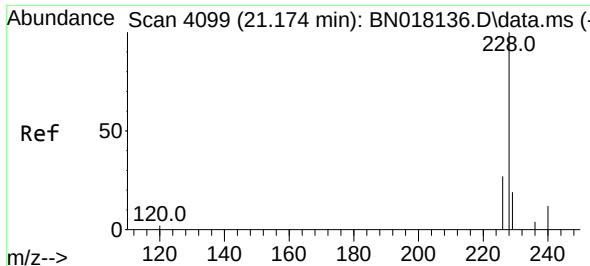
Tgt Ion:202 Resp: 13591
Ion Ratio Lower Upper
202 100
101 10.3 7.9 11.9
100 8.1 5.8 8.8



#20
Pyrene
Concen: 0.185 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:202 Resp: 14630
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 9.1 7.0 10.4

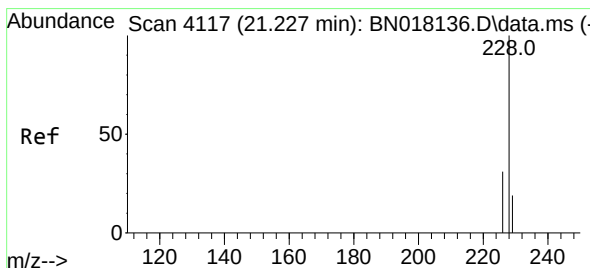
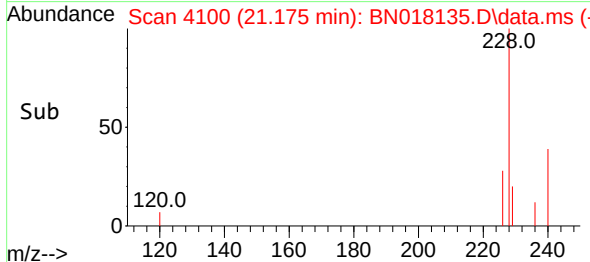
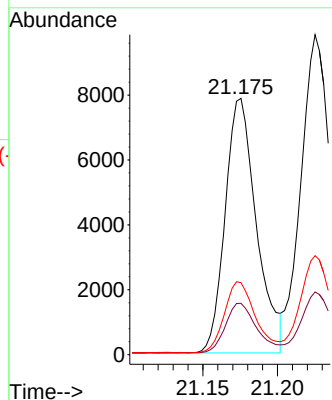
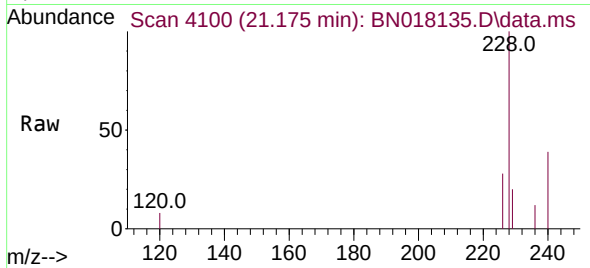




#21
Benzo(a)anthracene
Concen: 0.219 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. 0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

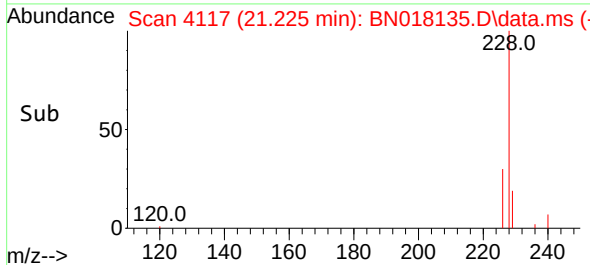
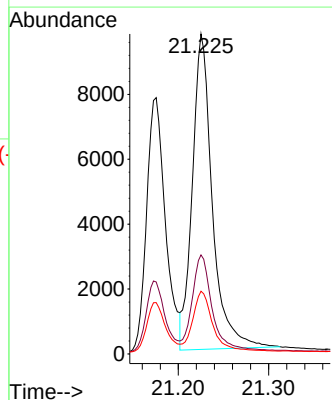
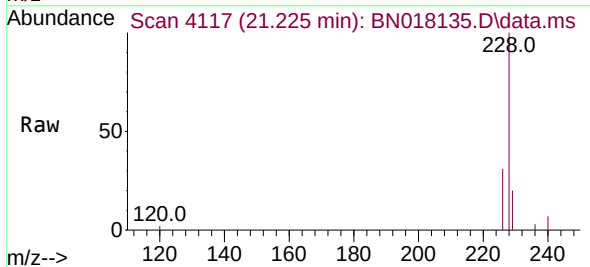
Instrument :
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ClientSampleId :
SSTD0.2202

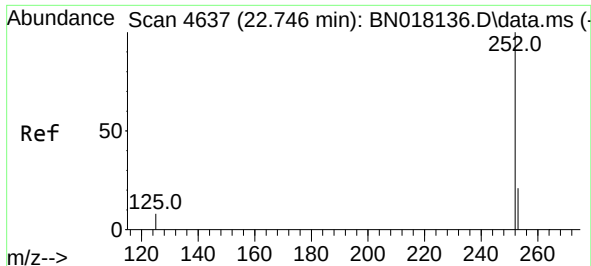
Tgt Ion:228 Resp: 11440
Ion Ratio Lower Upper
228 100
229 20.1 15.3 22.9
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.199 ng/ul
RT: 21.225 min Scan# 4117
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:228 Resp: 14912
Ion Ratio Lower Upper
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226 31.0 24.6 36.8
229 19.6 15.7 23.5

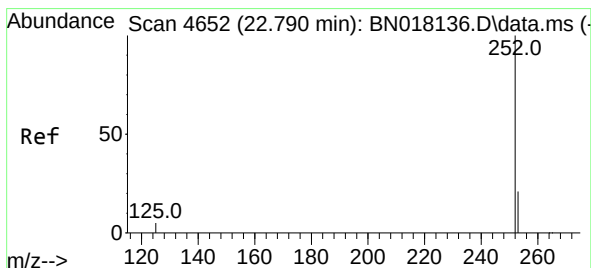
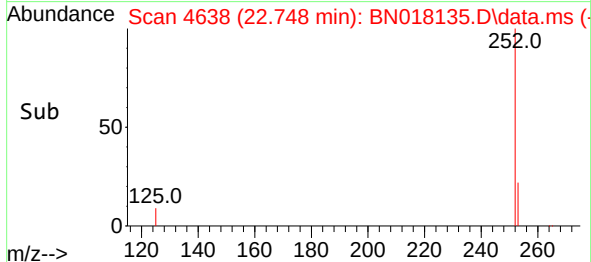
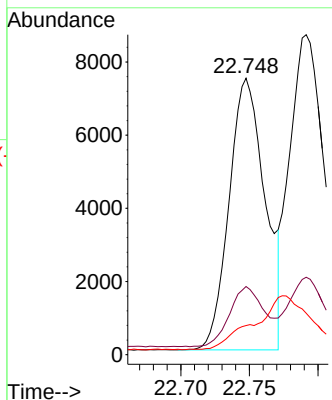
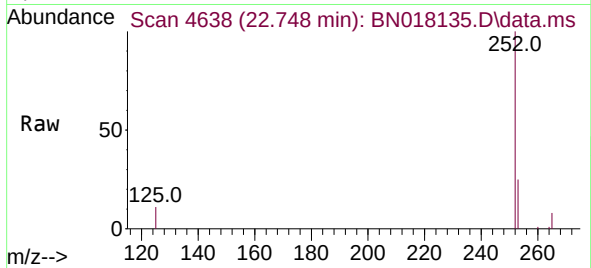




#24
Benzo(b)fluoranthene
Concen: 0.186 ng/ul
RT: 22.748 min Scan# 4638
Delta R.T. 0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

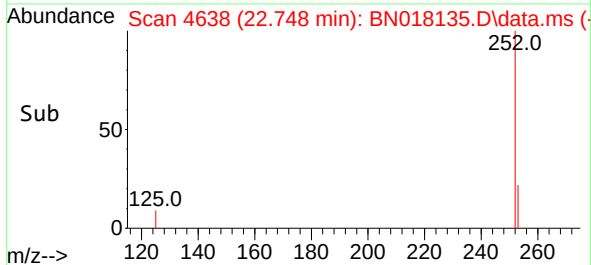
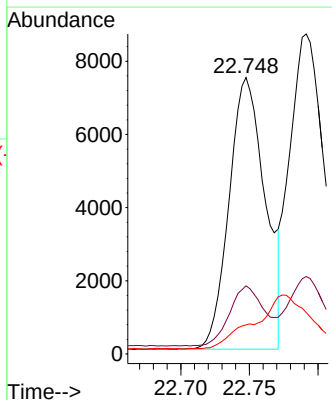
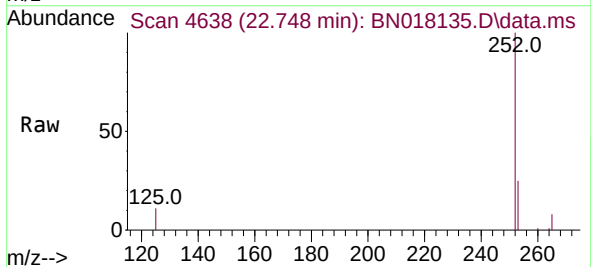
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

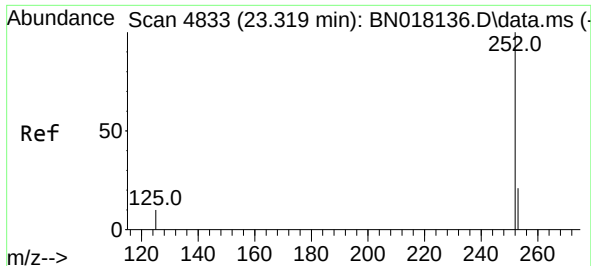
Tgt Ion:252 Resp: 13593
Ion Ratio Lower Upper
252 100
253 24.6 0.0 45.2
125 10.5 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul
RT: 22.748 min Scan# 4638
Delta R.T. -0.042 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:252 Resp: 13593
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.4
125 10.5 7.7 11.5

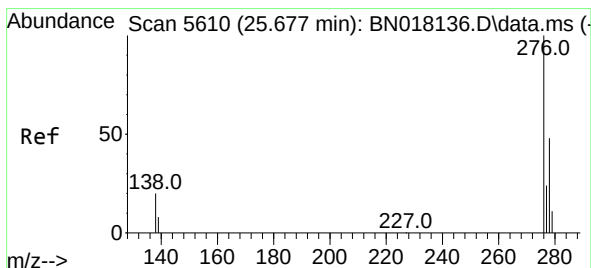
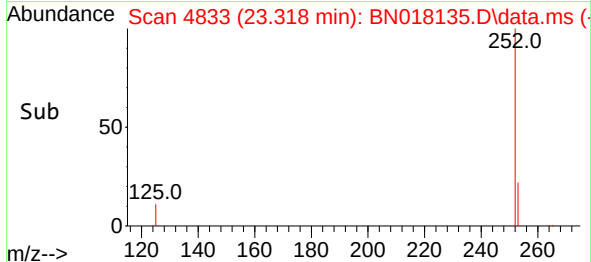
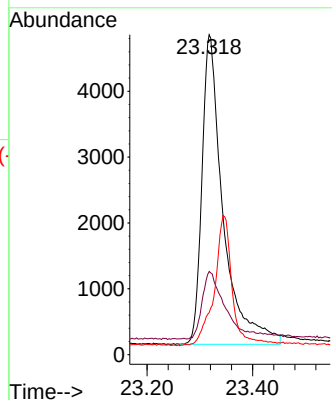
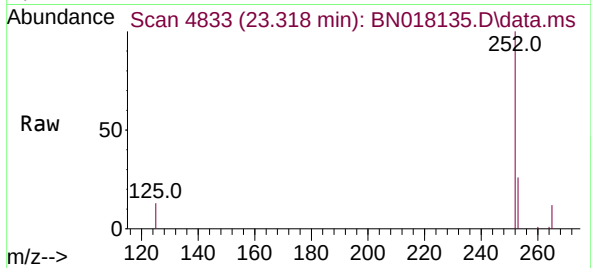




#26
Benzo(a)pyrene
Concen: 0.184 ng/ul
RT: 23.318 min Scan# 4833
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

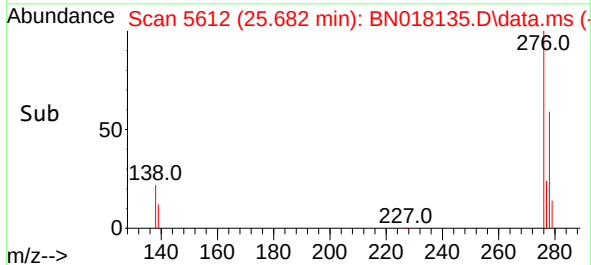
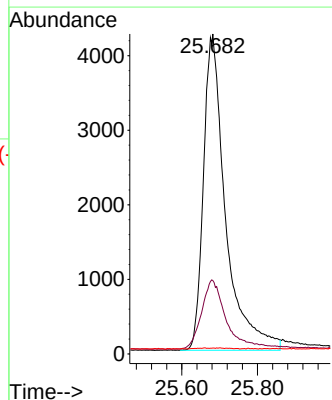
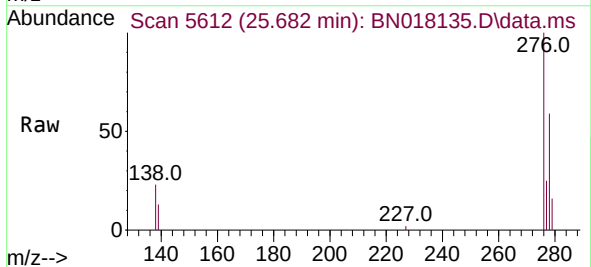
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

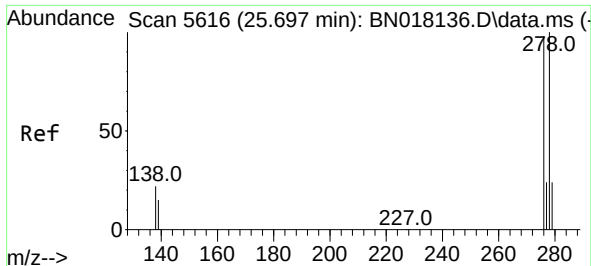
Tgt Ion:	252	Resp:	13051
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.6	28.0
125	13.2	8.8	13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng/ul
RT: 25.682 min Scan# 5612
Delta R.T. 0.005 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:	276	Resp:	17204
Ion Ratio	Lower	Upper	
276	100		
138	24.5	17.7	26.5
227	0.0	0.1	0.1

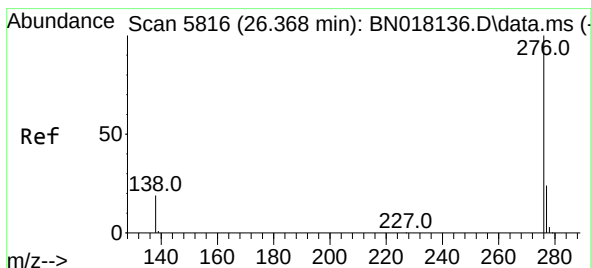
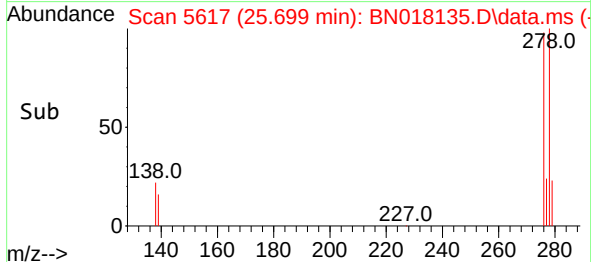
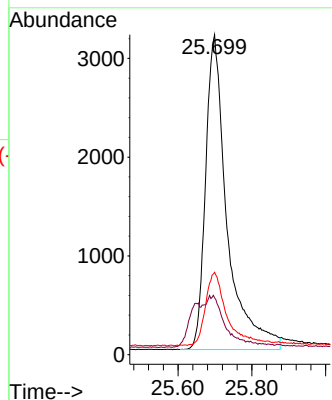
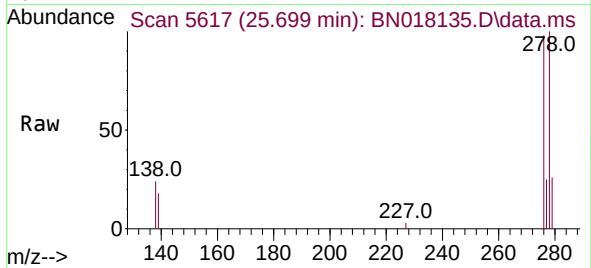




#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 25.699 min Scan# 5616
Delta R.T. 0.002 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

Tgt Ion:278 Resp: 12911
Ion Ratio Lower Upper
278 100
139 17.7 13.1 19.7
279 25.8 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 26.366 min Scan# 5816
Delta R.T. -0.001 min
Lab File: BN018135.D
Acq: 21 Dec 2021 20:35

Tgt Ion:276 Resp: 14140
Ion Ratio Lower Upper
276 100
138 21.0 15.8 23.8
277 25.2 19.7 29.5

