

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122121\
 Data File : BN018138.D
 Acq On : 21 Dec 2021 22:23
 Operator : CG/JU
 Sample : SSTD1.654
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6205

Quant Time: Dec 22 03:06:32 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)

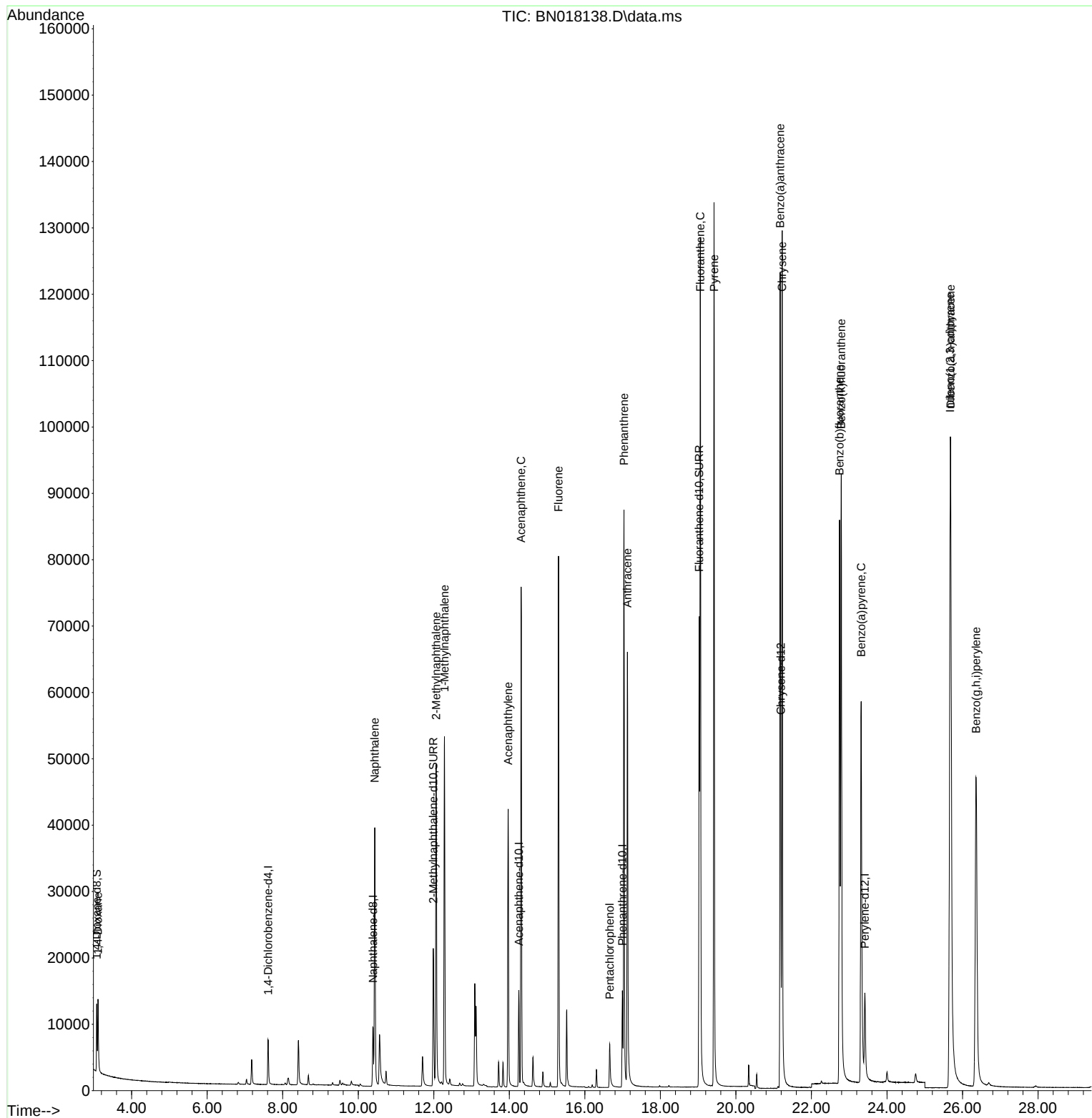
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3992	0.400	ng/ul	0.00
4) Naphthalene-d8	10.392	136	12689	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	7964	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	17981	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	19463	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	17551	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	6311	1.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	28687	1.940	ng/ul	0.00
18) Fluoranthene-d10	19.026	212	81173	1.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	7483	1.537	ng/ul#	93
5) Naphthalene	10.436	128	55242	1.588	ng/ul	99
7) 2-Methylnaphthalene	12.064	142	37956	1.942	ng/ul	100
8) 1-Methylnaphthalene	12.284	142	38317	1.688	ng/ul	100
10) Acenaphthylene	13.970	152	50883	1.577	ng/ul	99
11) Acenaphthene	14.313	153	42884	1.495	ng/ul	99
12) Fluorene	15.303	166	51751	1.637	ng/ul	99
14) Pentachlorophenol	16.656	266	5635	1.790	ng/ul	99
15) Phenanthrene	17.036	178	90948	1.458	ng/ul	99
16) Anthracene	17.129	178	78825	1.607	ng/ul	99
19) Fluoranthene	19.058	202	117422	1.497	ng/ul	99
20) Pyrene	19.421	202	117346	1.336	ng/ul	100
21) Benzo(a)anthracene	21.172	228	105172	1.817	ng/ul	100
22) Chrysene	21.225	228	120212	1.446	ng/ul	99
24) Benzo(b)fluoranthene	22.744	252	110137	1.570	ng/ul	98
25) Benzo(k)fluoranthene	22.788	252	134230	1.435	ng/ul	97
26) Benzo(a)pyrene	23.317	252	101196	1.494	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.675	276	140351	1.840	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.685	278	108207	1.940	ng/ul	96
29) Benzo(g,h,i)perylene	26.359	276	114671	1.753	ng/ul	98

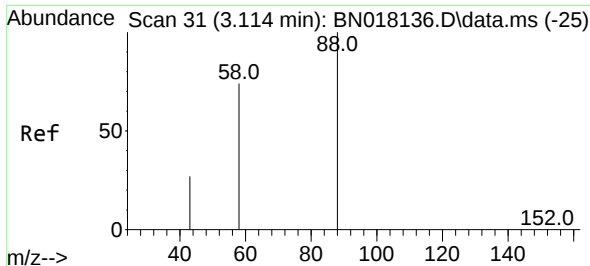
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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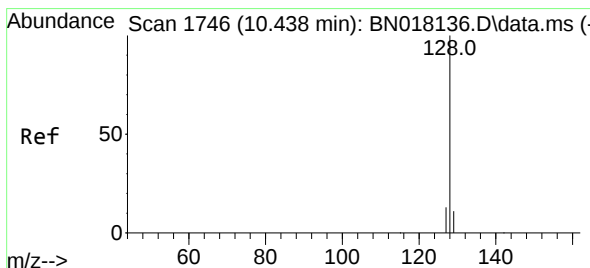
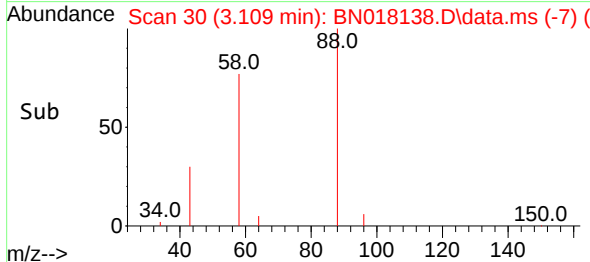
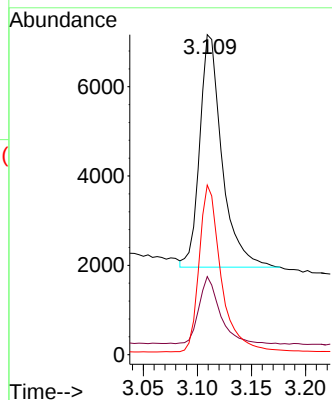
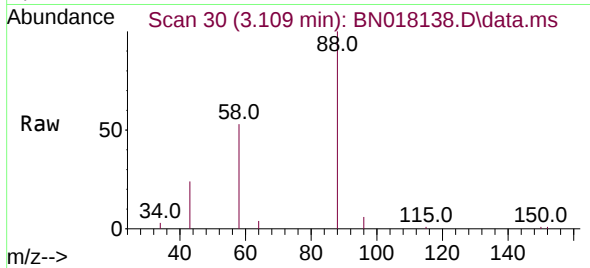




#2
 1,4-Dioxane
 Concen: 1.537 ng/ul
 RT: 3.109 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN018138.D
 Acq: 21 Dec 2021 22:23

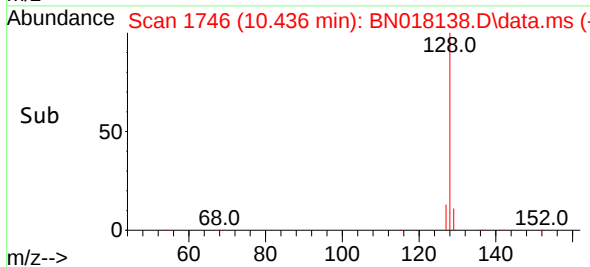
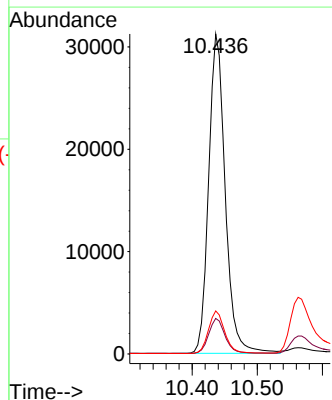
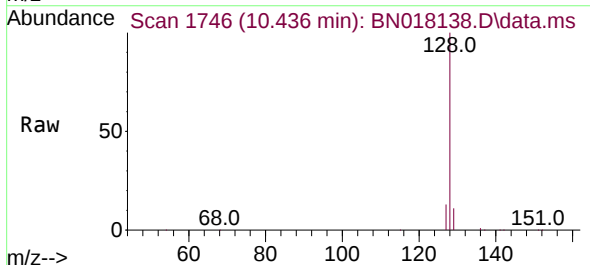
Instrument :
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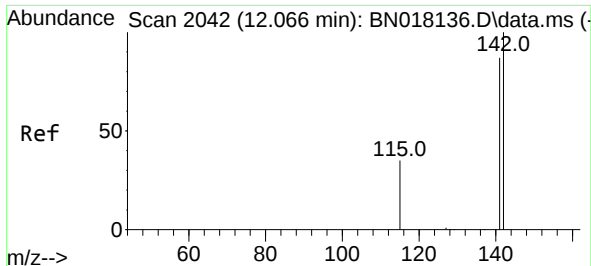
Tgt Ion: 88 Resp: 7483
 Ion Ratio Lower Upper
 88 100
 43 24.4 24.6 36.8#
 58 53.0 45.2 67.8



#5
 Naphthalene
 Concen: 1.588 ng/ul
 RT: 10.436 min Scan# 1746
 Delta R.T. -0.002 min
 Lab File: BN018138.D
 Acq: 21 Dec 2021 22:23

Tgt Ion:128 Resp: 55242
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.3 13.9
 127 13.4 11.1 16.7

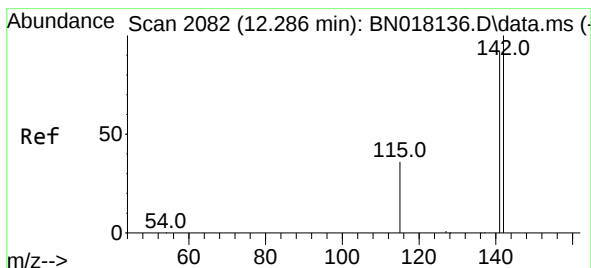
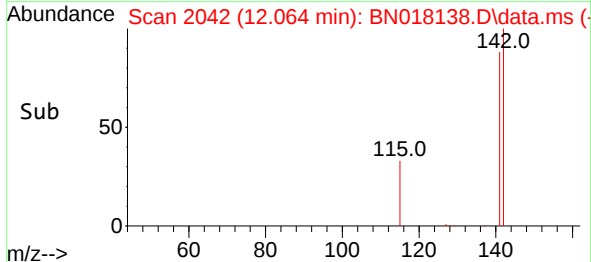
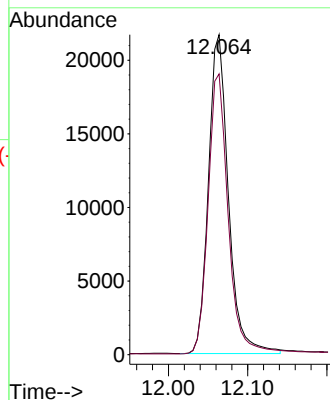
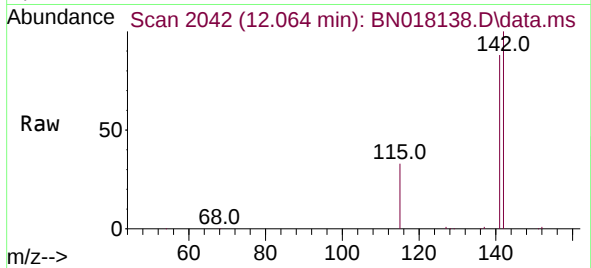




#7
2-Methylnaphthalene
Concen: 1.942 ng/ul
RT: 12.064 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

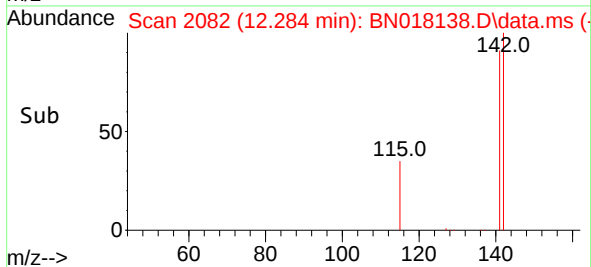
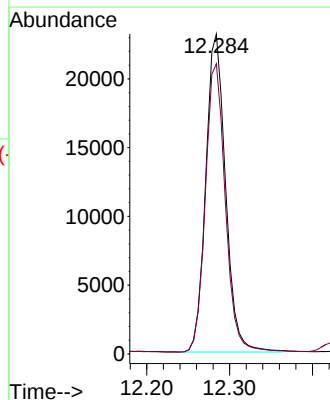
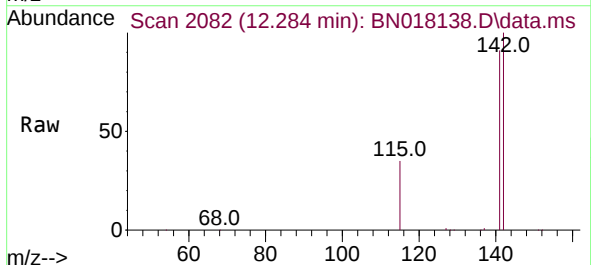
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

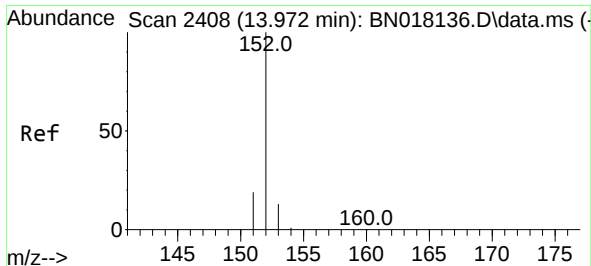
Tgt Ion:142 Resp: 37956
Ion Ratio Lower Upper
142 100
141 88.1 70.6 105.8



#8
1-Methylnaphthalene
Concen: 1.688 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:142 Resp: 38317
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

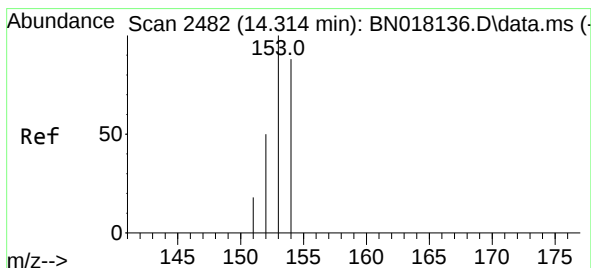
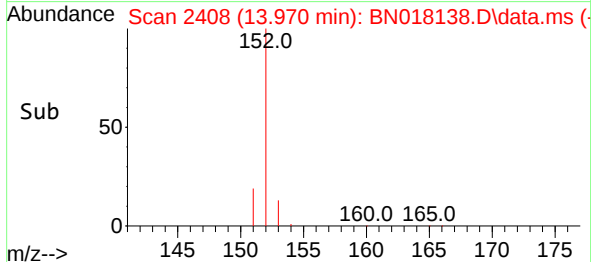
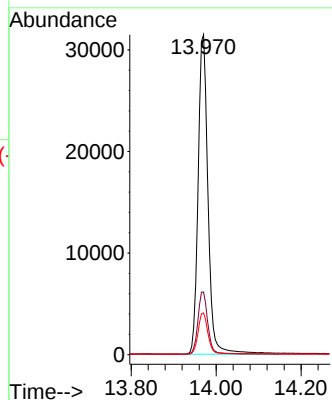
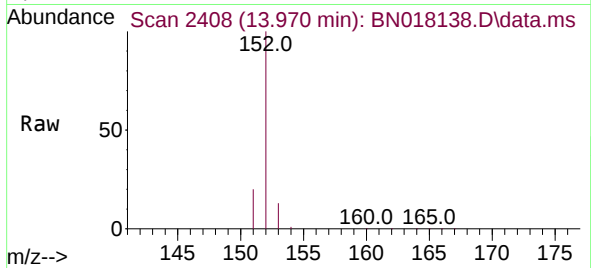




#10
Acenaphthylene
Concen: 1.577 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

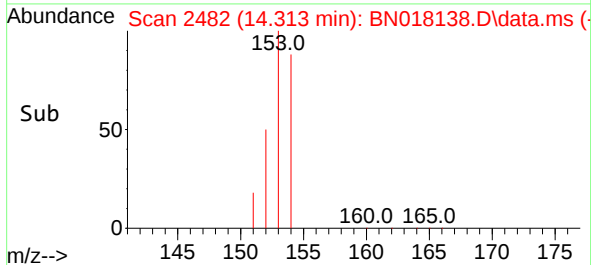
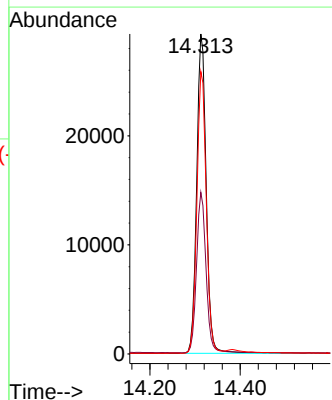
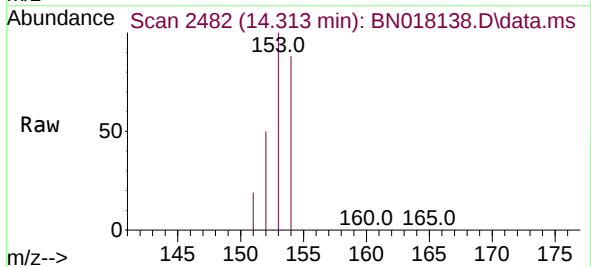
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

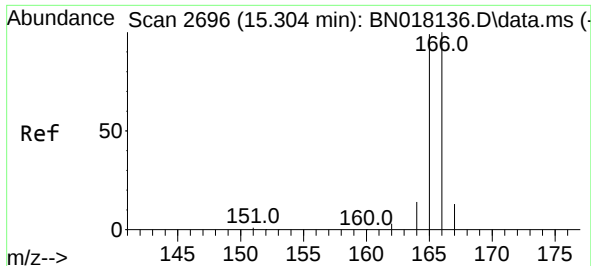
Tgt Ion:152 Resp: 50883
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 11.0 16.4



#11
Acenaphthene
Concen: 1.495 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:153 Resp: 42884
Ion Ratio Lower Upper
153 100
152 50.5 40.8 61.2
154 88.2 70.3 105.5

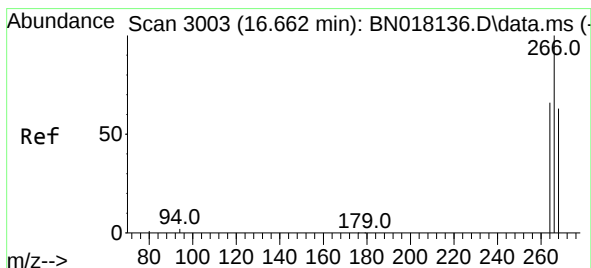
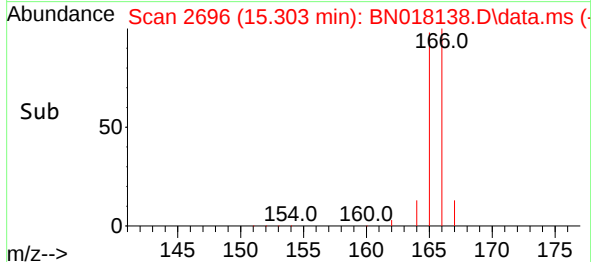
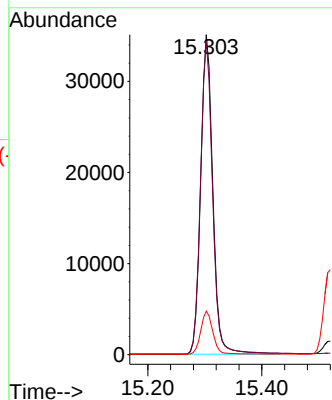
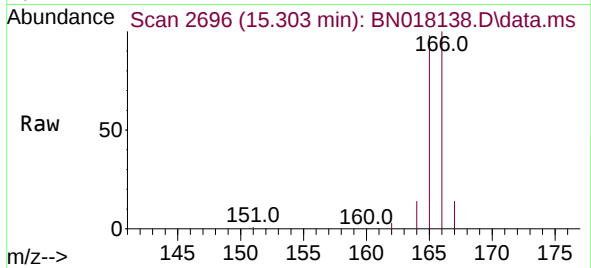




#12
Fluorene
Concen: 1.637 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

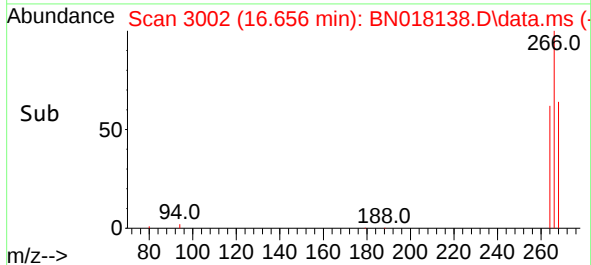
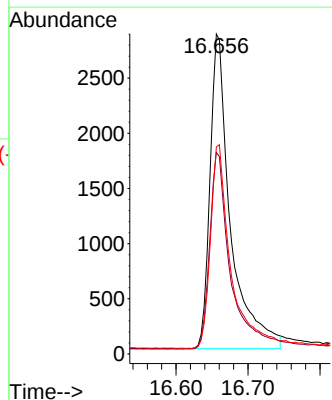
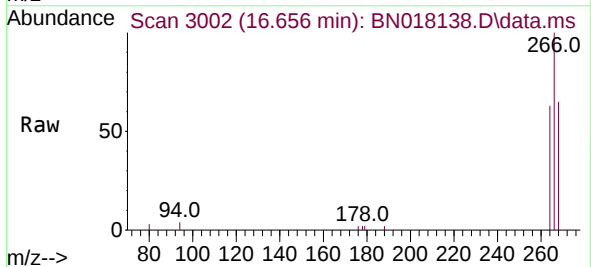
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

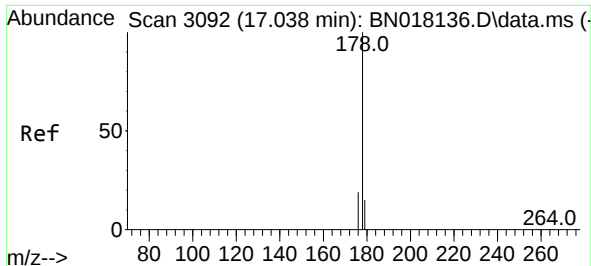
Tgt Ion:166 Resp: 51751
Ion Ratio Lower Upper
166 100
165 98.1 79.2 118.8
167 13.6 11.1 16.7



#14
Pentachlorophenol
Concen: 1.790 ng/ul
RT: 16.656 min Scan# 3002
Delta R.T. -0.006 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:266 Resp: 5635
Ion Ratio Lower Upper
266 100
264 63.0 51.9 77.9
268 64.5 51.8 77.6

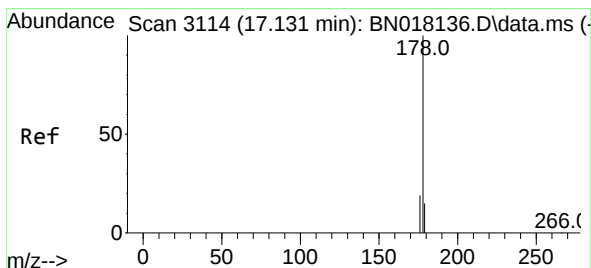
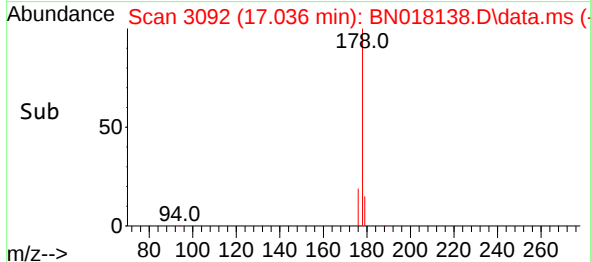
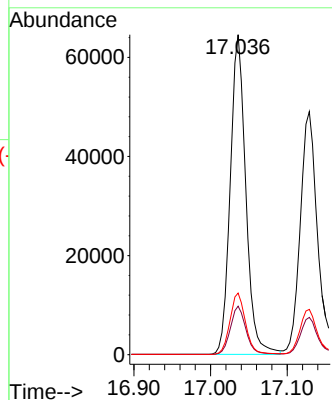
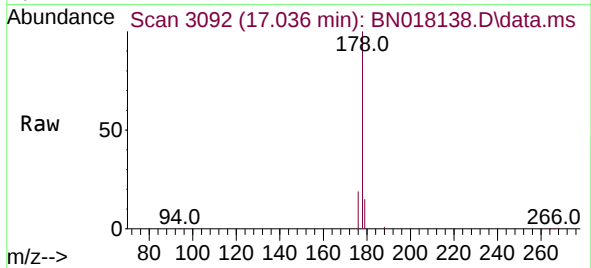




#15
Phenanthrene
Concen: 1.458 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

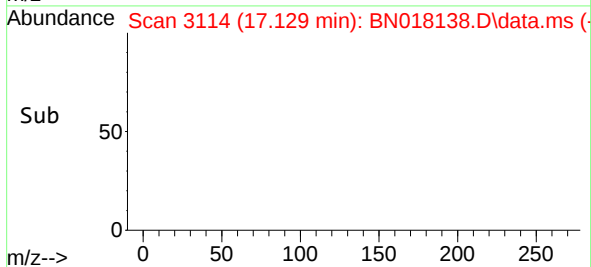
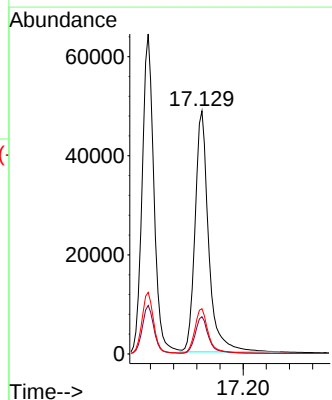
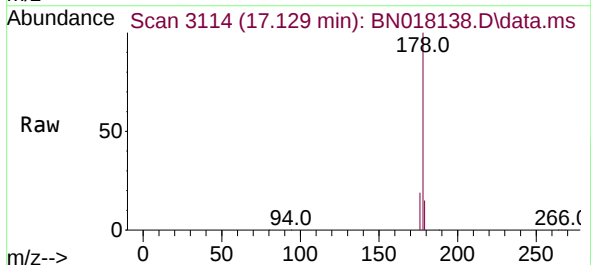
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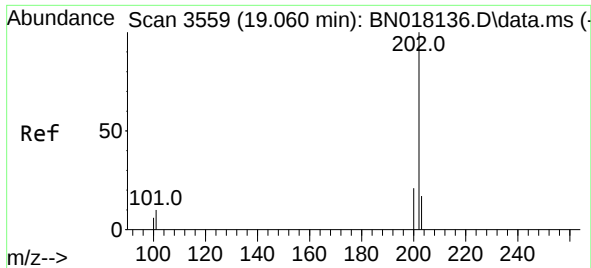
Tgt Ion:178 Resp: 90948
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.3 15.5 23.3



#16
Anthracene
Concen: 1.607 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:178 Resp: 78825
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 18.6 15.3 22.9

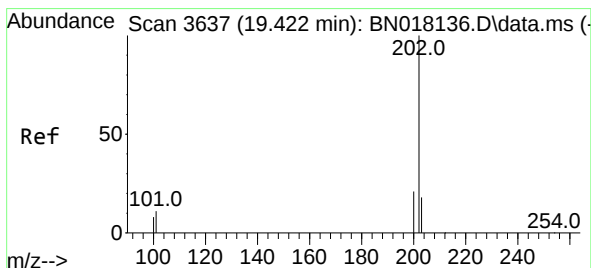
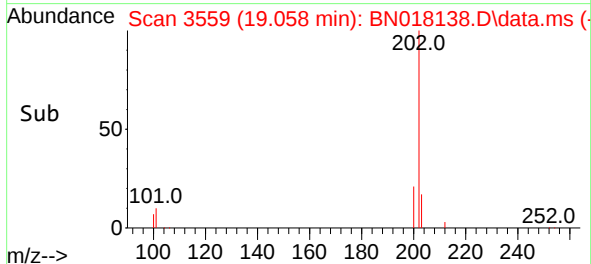
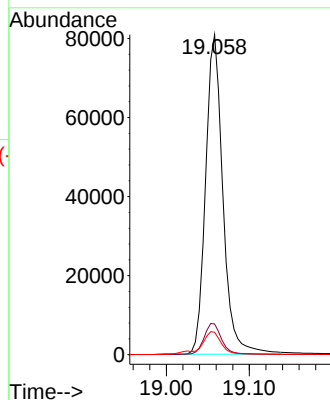
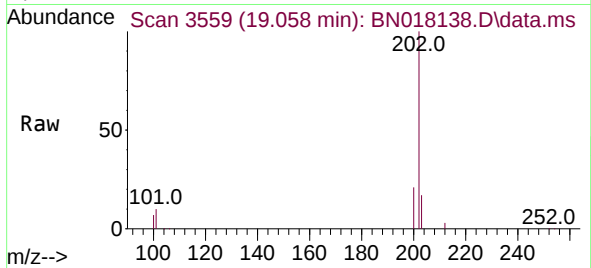




#19
Fluoranthene
Concen: 1.497 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

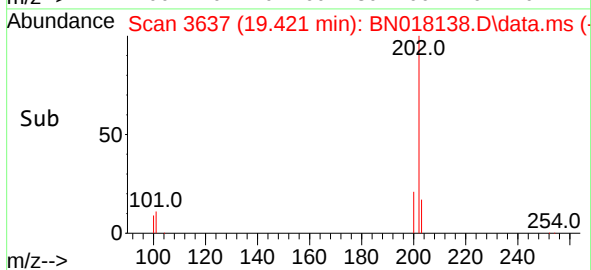
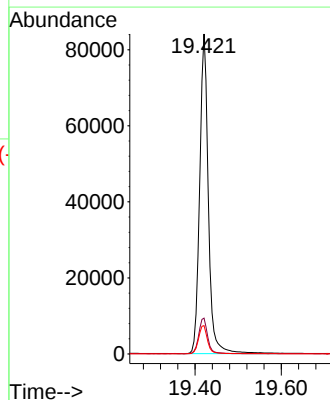
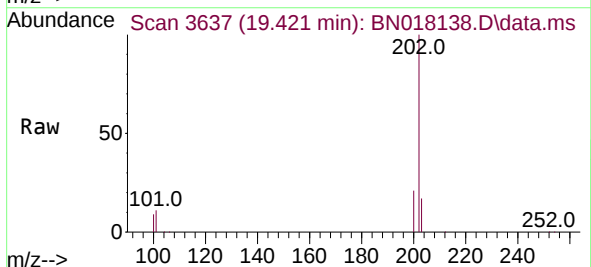
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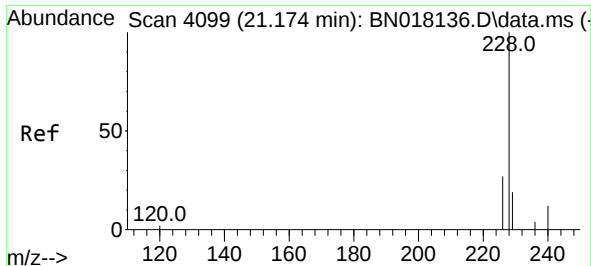
Tgt Ion:202 Resp: 117422
Ion Ratio Lower Upper
202 100
101 9.6 7.9 11.9
100 7.0 5.8 8.8



#20
Pyrene
Concen: 1.336 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:202 Resp: 117346
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.9 7.0 10.4

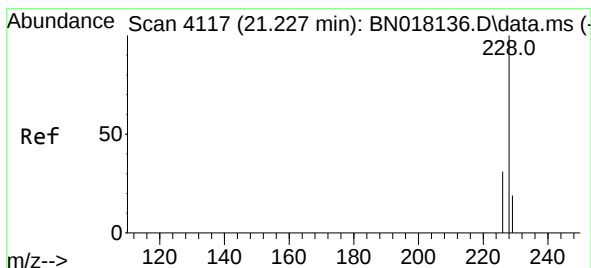
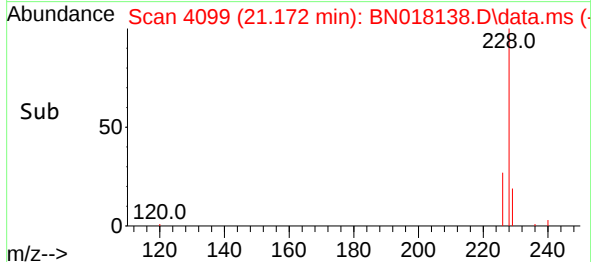
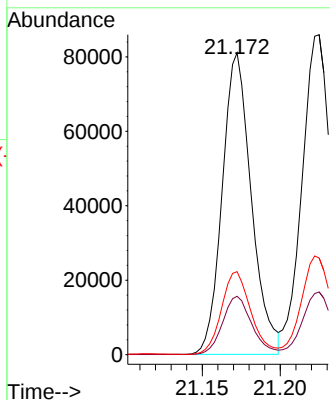
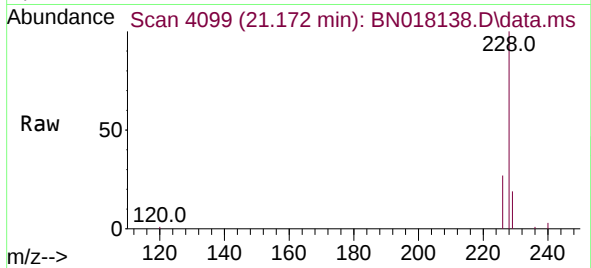




#21
Benzo(a)anthracene
Concen: 1.817 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

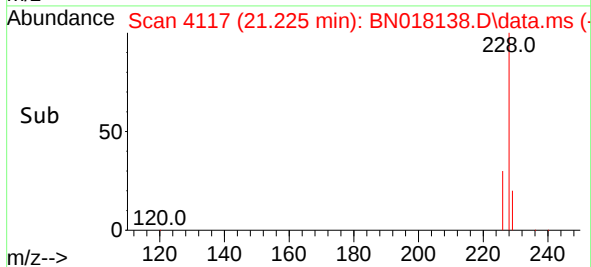
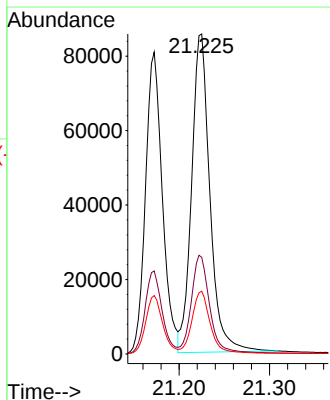
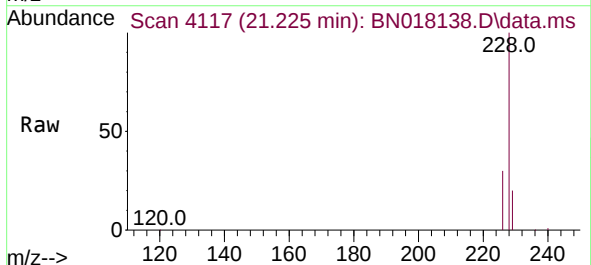
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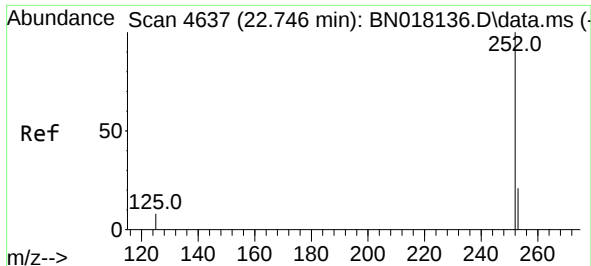
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Ion Ratio Lower Upper
228 100
229 19.4 15.3 22.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 1.446 ng/ul
RT: 21.225 min Scan# 4117
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:228 Resp: 120212
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 19.6 15.7 23.5

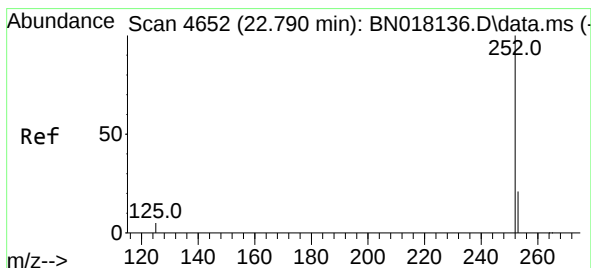
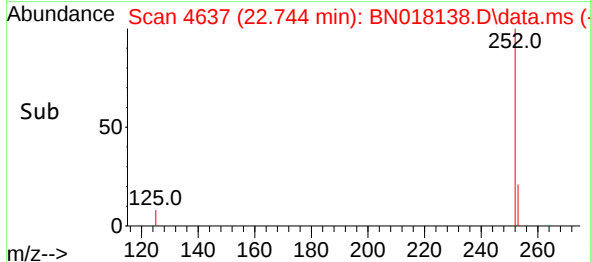
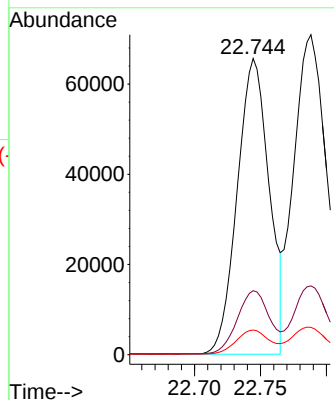
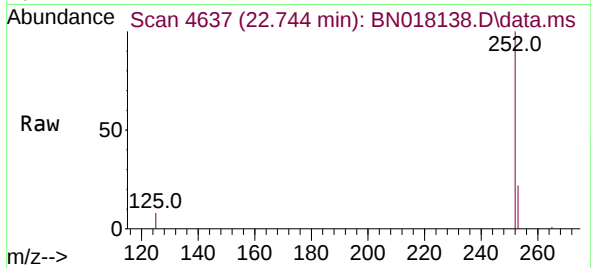




#24
Benzo(b)fluoranthene
Concen: 1.570 ng/ul
RT: 22.744 min Scan# 4637
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

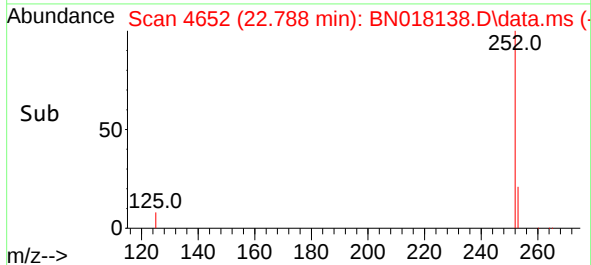
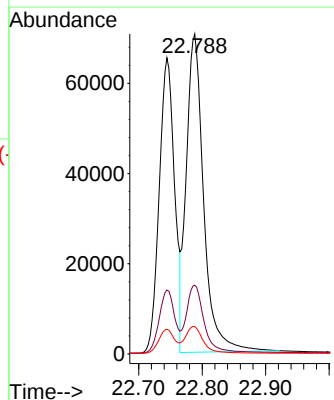
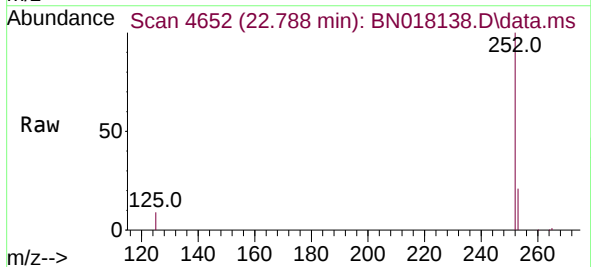
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

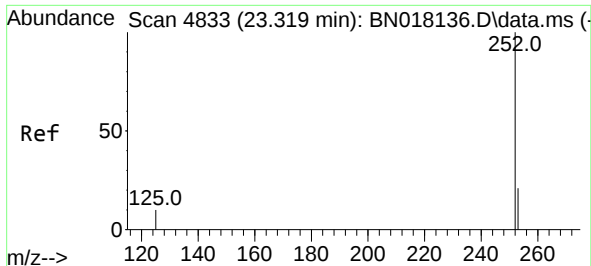
Tgt Ion:252 Resp: 110137
Ion Ratio Lower Upper
252 100
253 21.6 0.0 45.2
125 8.3 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 1.435 ng/ul
RT: 22.788 min Scan# 4652
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:252 Resp: 134230
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 8.6 7.7 11.5

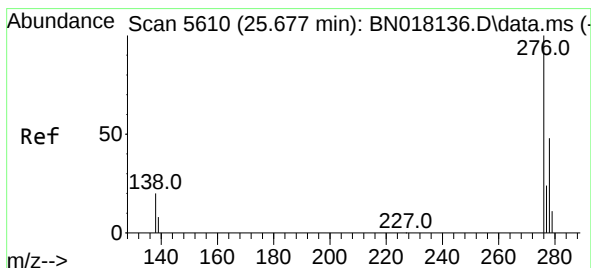
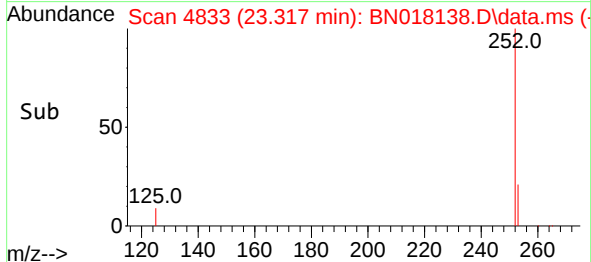
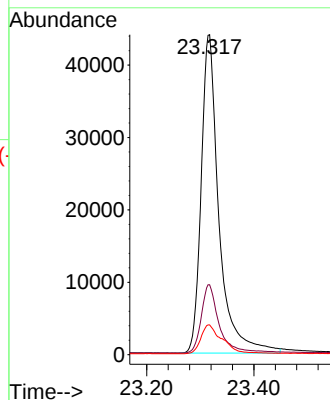
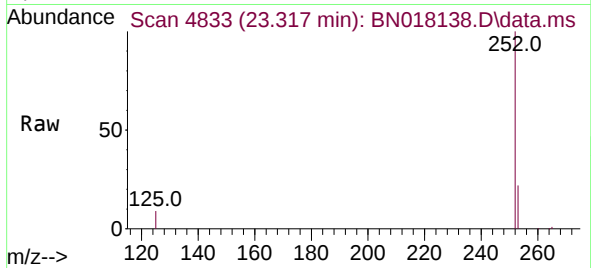




#26
Benzo(a)pyrene
Concen: 1.494 ng/ul
RT: 23.317 min Scan# 4833
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

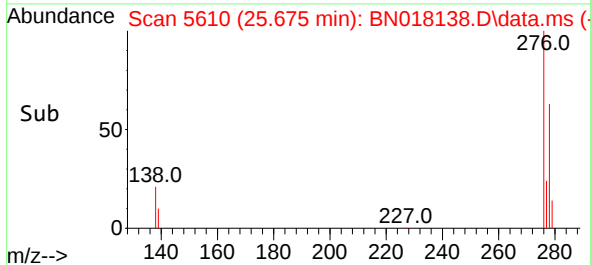
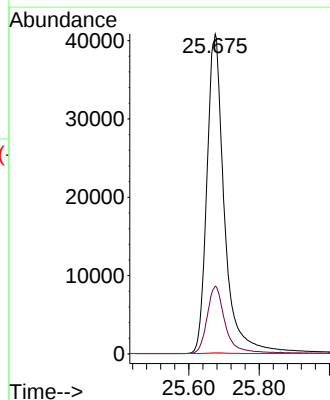
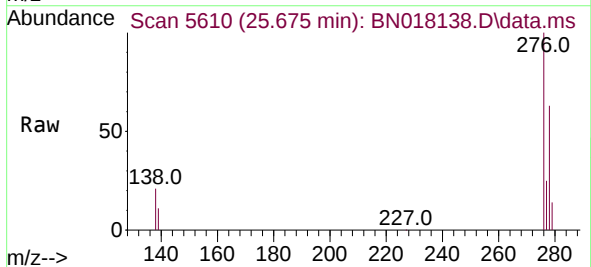
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

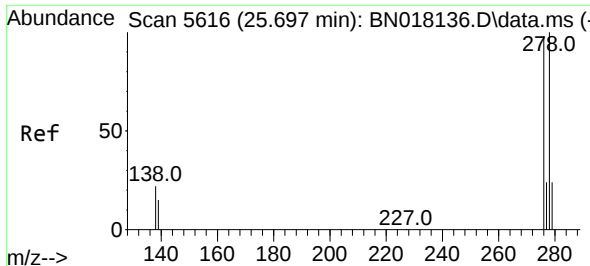
Tgt Ion:252 Resp: 101196
Ion Ratio Lower Upper
252 100
253 21.8 18.6 28.0
125 9.3 8.8 13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.840 ng/ul
RT: 25.675 min Scan# 5610
Delta R.T. -0.002 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:276 Resp: 140351
Ion Ratio Lower Upper
276 100
138 21.9 17.7 26.5
227 0.2 0.1 0.1#

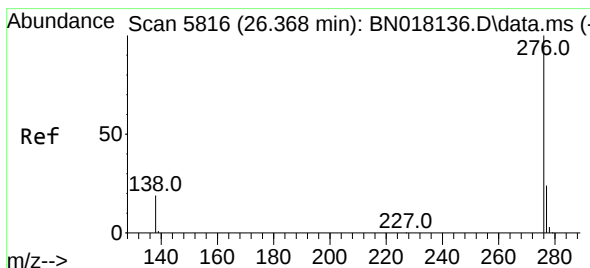
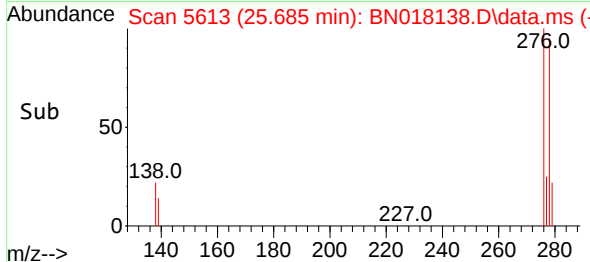
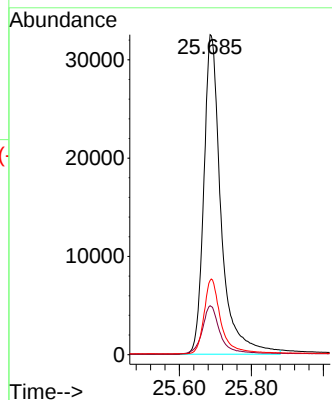
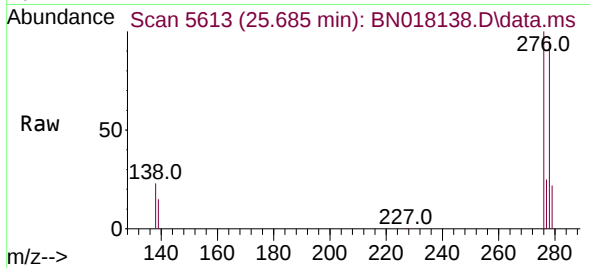




#28
Dibenzo(a,h)anthracene
Concen: 1.940 ng/ul
RT: 25.685 min Scan# 5613
Delta R.T. -0.012 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

Tgt Ion:278 Resp: 108207
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.2 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 1.753 ng/ul
RT: 26.359 min Scan# 5814
Delta R.T. -0.008 min
Lab File: BN018138.D
Acq: 21 Dec 2021 22:23

Tgt Ion:276 Resp: 114671
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
277 23.2 19.7 29.5

