

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018023.D
 Acq On : 15 Dec 2021 14:03
 Operator : CG/JU
 Sample : SST0.143
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1243

Quant Time: Dec 15 17:25:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:18:54 2021
 Response via : Initial Calibration

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

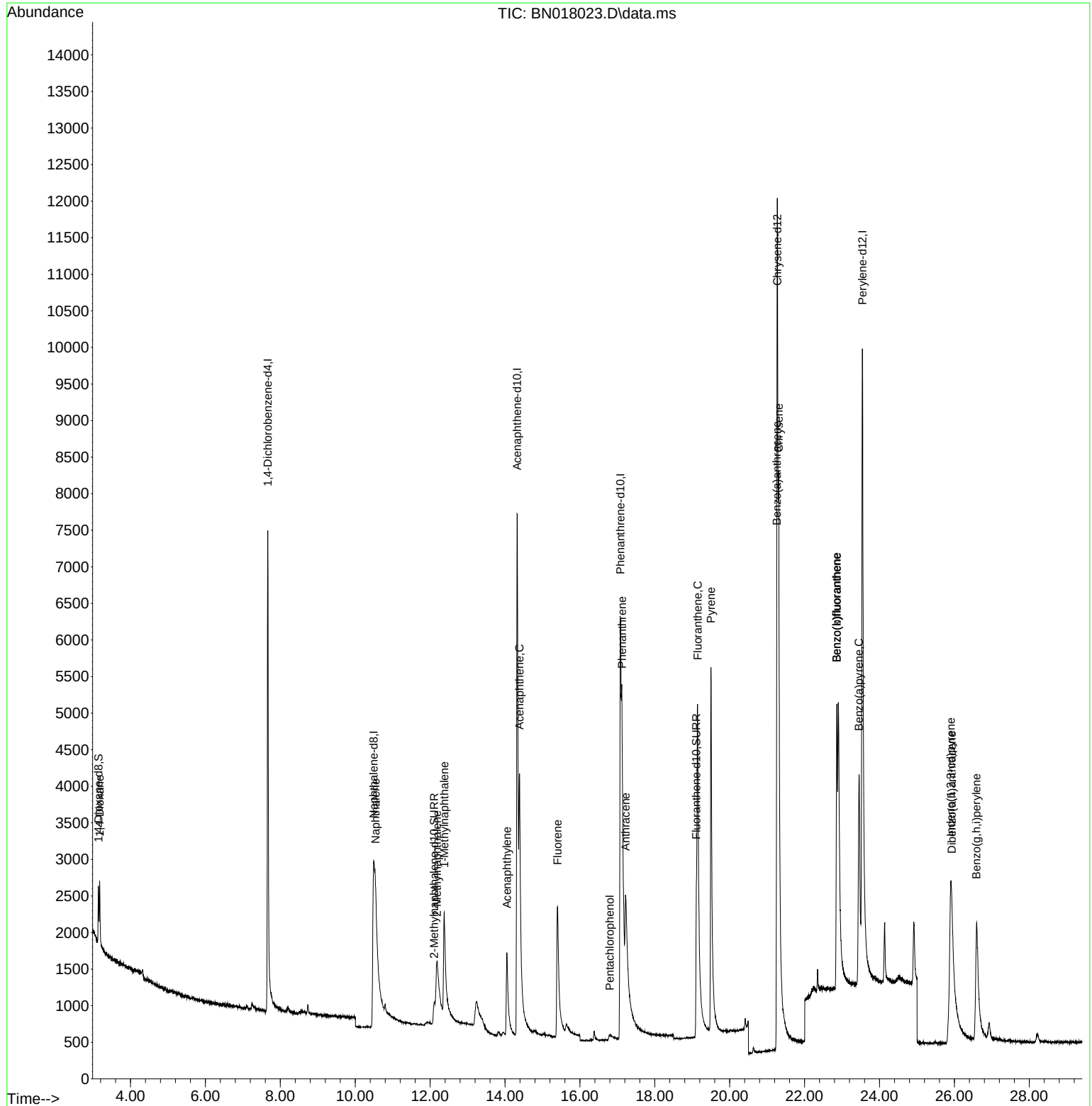
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	4444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.492	136	11759	0.400	ng/ul #	0.03
9) Acenaphthene-d10	14.327	164	8071	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.083	188	13362	0.400	ng/ul	0.02
17) Chrysene-d12	21.275	240	17072	0.400	ng/ul #	0.01
23) Perylene-d12	23.543	264	15923	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	544	0.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.108	152	1133	0.062	ng/ul	0.04
18) Fluoranthene-d10	19.110	212	5053	0.082	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	744	0.118	ng/ul#	34
5) Naphthalene	10.547	128	3281	0.101	ng/ul#	87
7) 2-Methylnaphthalene	12.185	142	1463	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.378	142	2022	0.088	ng/ul	100
10) Acenaphthylene	14.049	152	3320	0.086	ng/ul#	91
11) Acenaphthene	14.387	153	3104	0.112	ng/ul	95
12) Fluorene	15.405	166	3135	0.096	ng/ul#	97
14) Pentachlorophenol	16.796	266	155	0.053	ng/ul	100
15) Phenanthrene	17.125	178	5303	0.132	ng/ul	93
16) Anthracene	17.218	178	3629	0.090	ng/ul#	91
19) Fluoranthene	19.142	202	6892	0.087	ng/ul#	97
20) Pyrene	19.500	202	8636	0.107	ng/ul	97
21) Benzo(a)anthracene	21.257	228	4736	0.075	ng/ul	96
22) Chrysene	21.310	228	7845	0.123	ng/ul	97
24) Benzo(b)fluoranthene	22.859	252	6847	0.105	ng/ul	99
25) Benzo(k)fluoranthene	22.859	252	6847	0.102	ng/ul	98
26) Benzo(a)pyrene	23.452	252	6762	0.124	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.907	276	6680	0.146	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.930	278	4703	0.138	ng/ul	97
29) Benzo(g,h,i)perylene	26.591	276	5989	0.143	ng/ul#	92

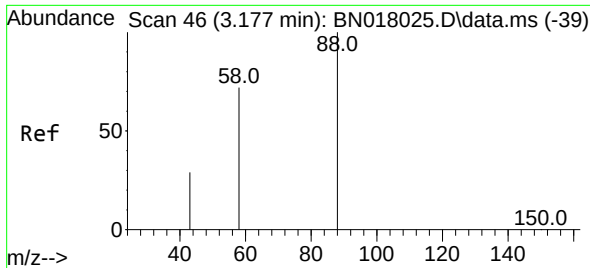
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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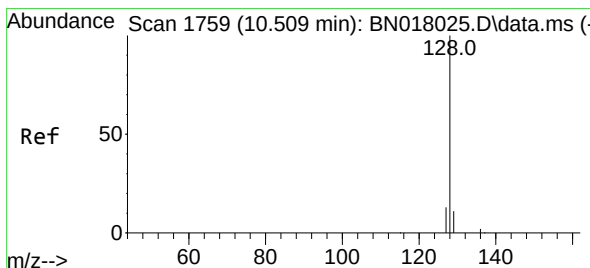
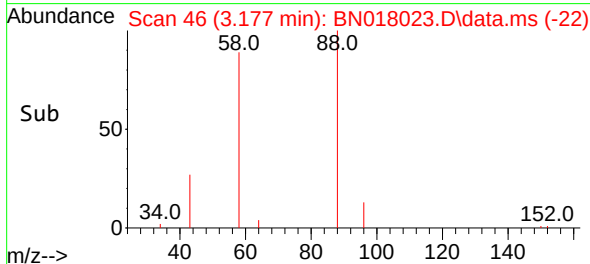
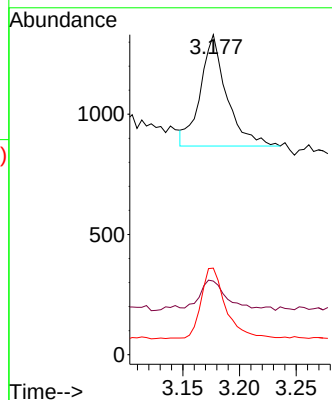
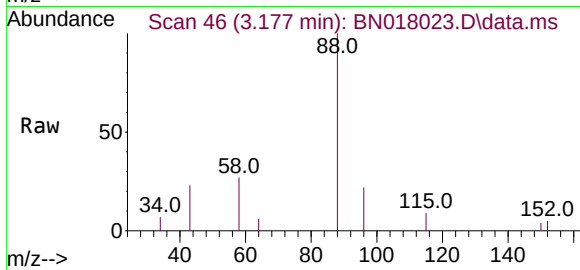




#2
 1,4-Dioxane
 Concen: 0.118 ng/ul
 RT: 3.177 min Scan# 46
 Delta R.T. 0.000 min
 Lab File: BN018023.D
 Acq: 15 Dec 2021 14:03

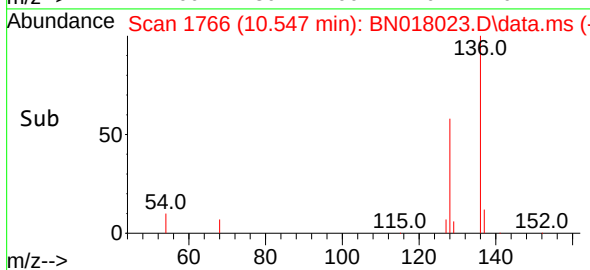
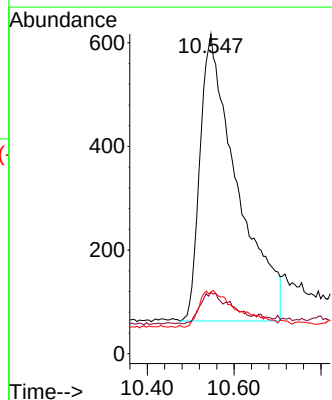
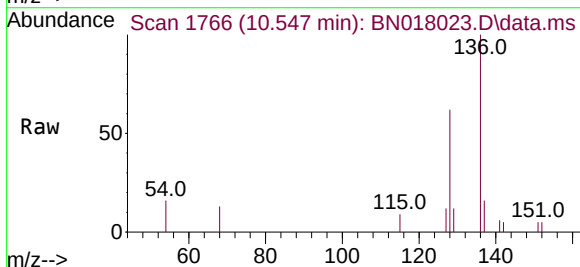
Instrument :
 BNA_N
 ClientSampleId :
 SST00.1243

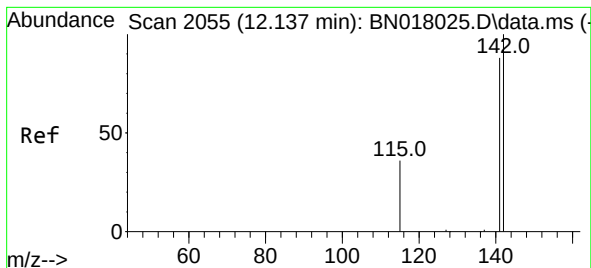
Tgt Ion: 88 Resp: 744
 Ion Ratio Lower Upper
 88 100
 43 23.0 85.8 128.6#
 58 27.0 43.4 65.0#



#5
 Naphthalene
 Concen: 0.101 ng/ul
 RT: 10.547 min Scan# 1766
 Delta R.T. 0.037 min
 Lab File: BN018023.D
 Acq: 15 Dec 2021 14:03

Tgt Ion: 128 Resp: 3281
 Ion Ratio Lower Upper
 128 100
 129 19.1 10.4 15.6#
 127 19.3 11.8 17.6#

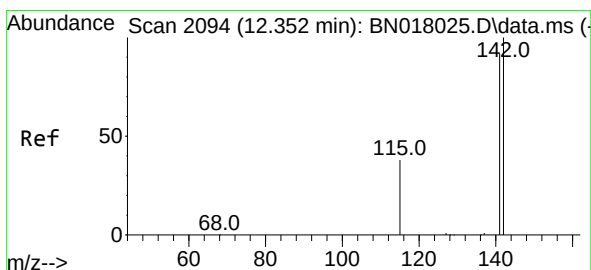
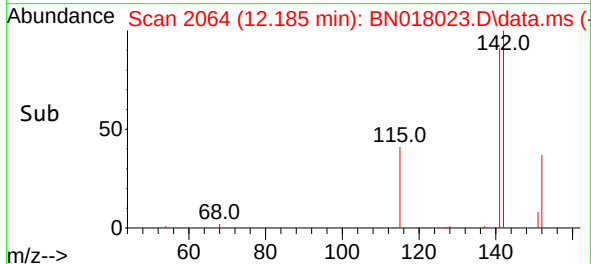
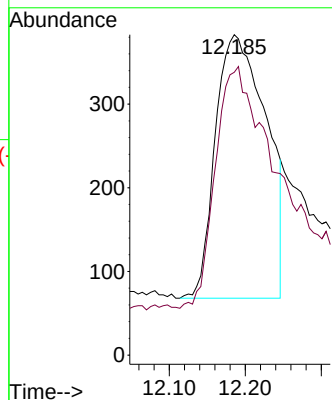
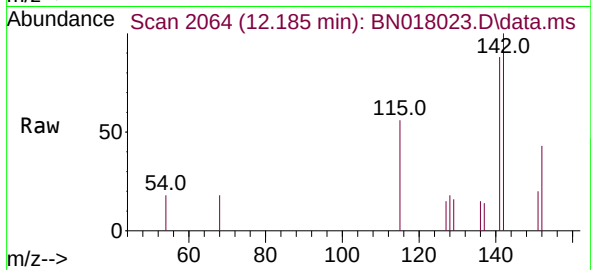




#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. 0.048 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

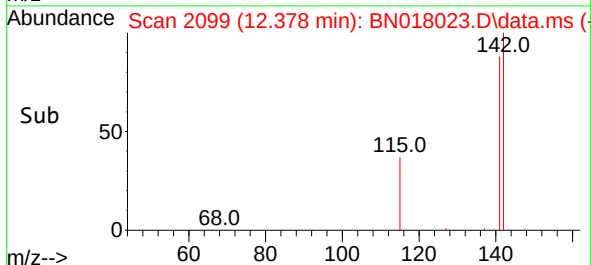
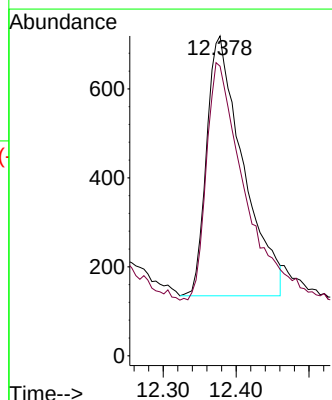
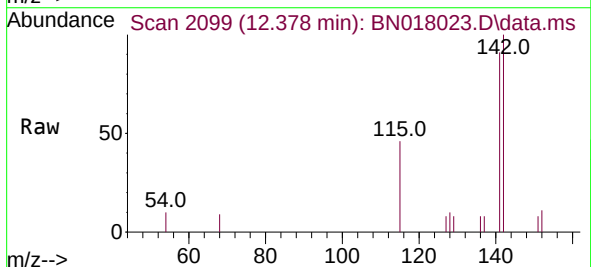
Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

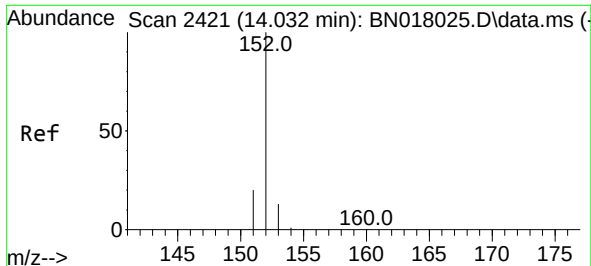
Tgt Ion:142 Resp: 1463
Ion Ratio Lower Upper
142 100
141 90.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.378 min Scan# 2099
Delta R.T. 0.026 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:142 Resp: 2022
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

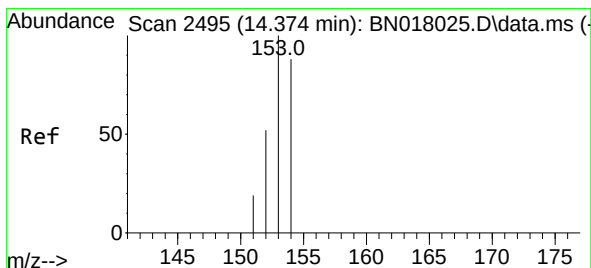
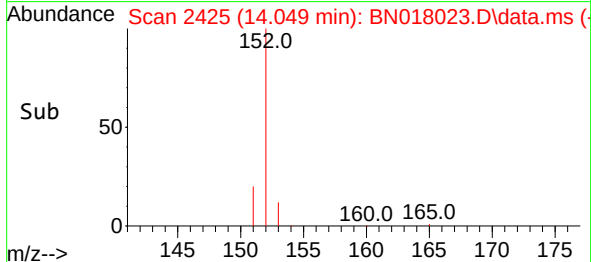
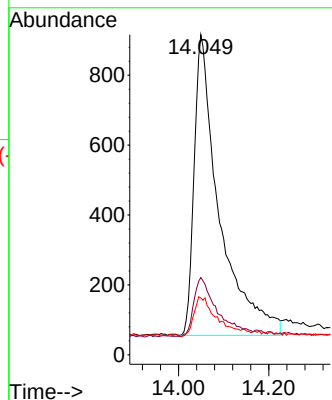
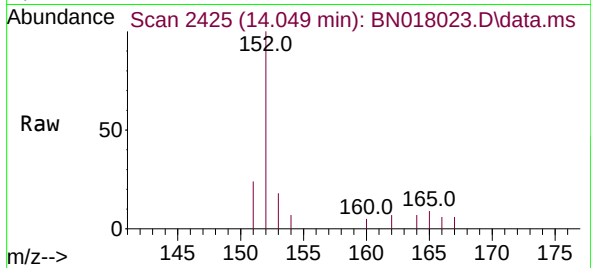




#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 14.049 min Scan# 2421
Delta R.T. 0.017 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

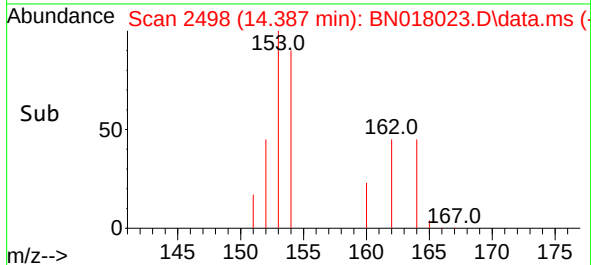
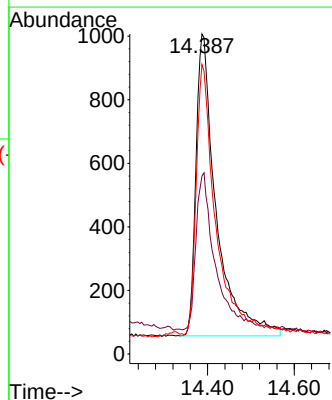
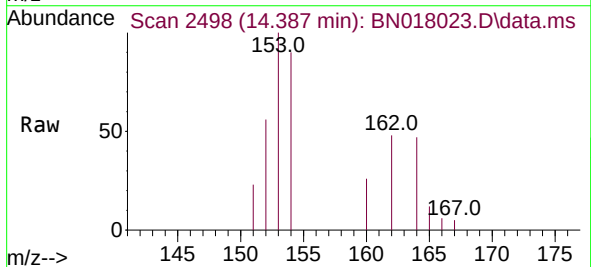
Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

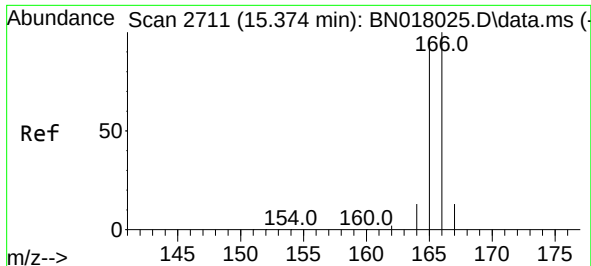
Tgt Ion:152 Resp: 3320
Ion Ratio Lower Upper
152 100
151 24.1 16.4 24.6
153 17.8 11.1 16.7#



#11
Acenaphthene
Concen: 0.112 ng/ul
RT: 14.387 min Scan# 2498
Delta R.T. 0.013 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:153 Resp: 3104
Ion Ratio Lower Upper
153 100
152 55.6 38.3 57.5
154 90.5 71.1 106.7

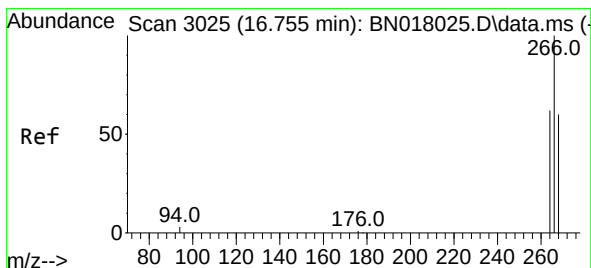
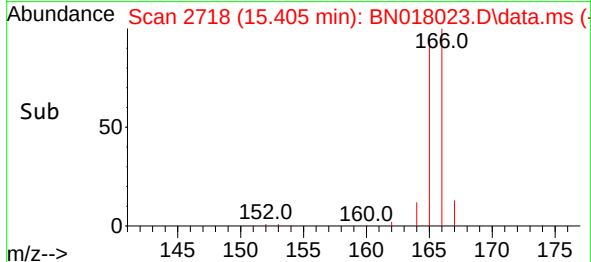
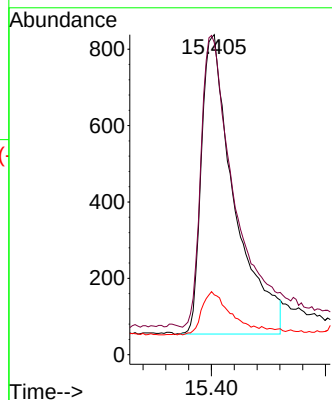
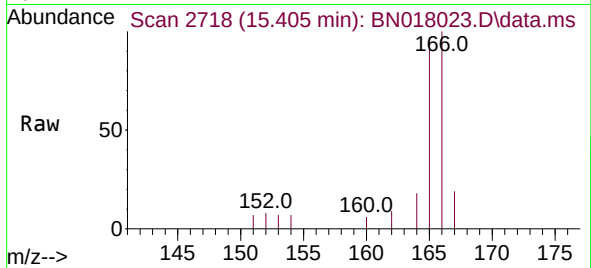




#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.405 min Scan# 2711
Delta R.T. 0.031 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

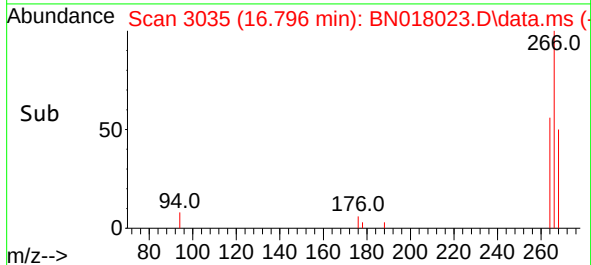
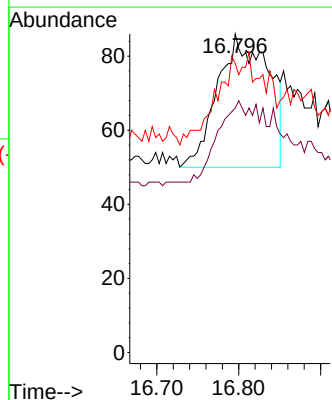
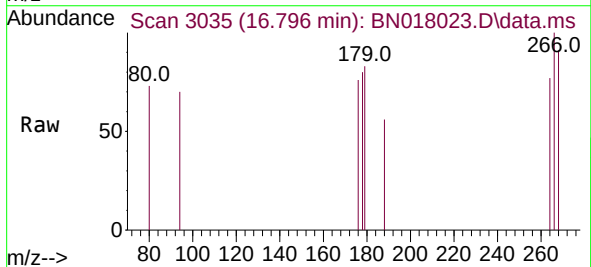
Instrument :
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ClientSampleId :
SSTD0.1243

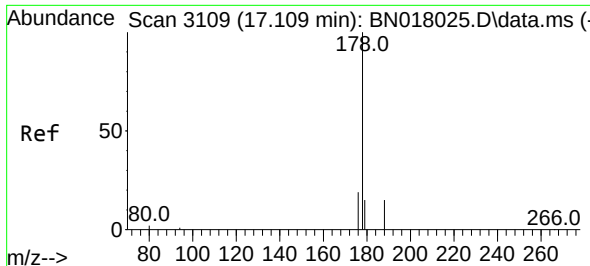
Tgt Ion:166 Resp: 3135
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 18.7 11.2 16.8#



#14
Pentachlorophenol
Concen: 0.053 ng/ul
RT: 16.796 min Scan# 3035
Delta R.T. 0.041 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:266 Resp: 155
Ion Ratio Lower Upper
266 100
264 62.6 50.3 75.5
268 65.2 52.2 78.4

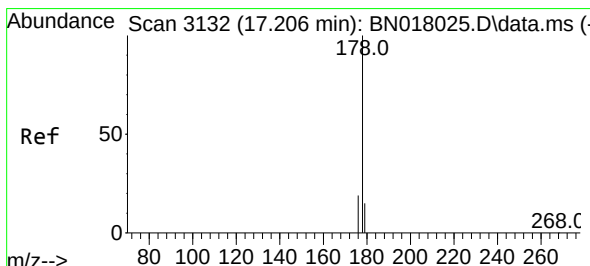
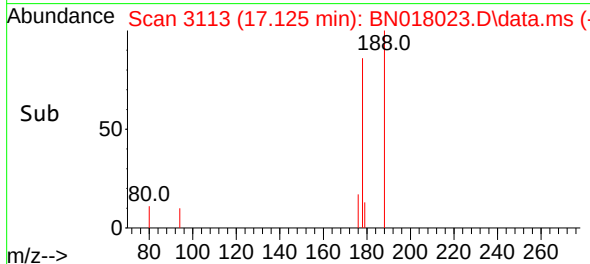
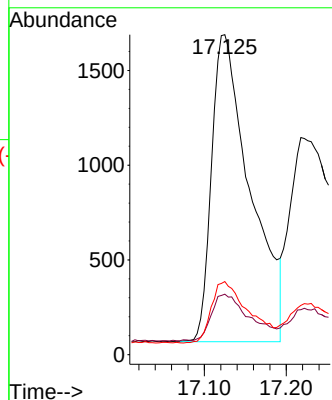
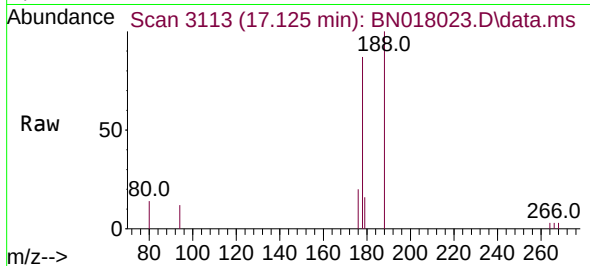




#15
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.125 min Scan# 3113
Delta R.T. 0.016 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

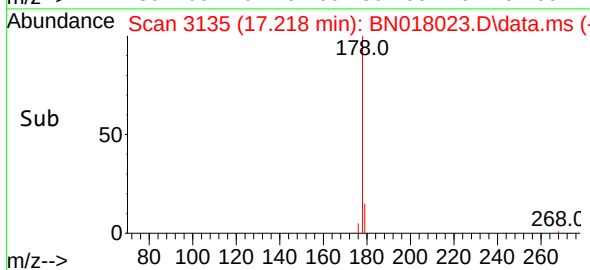
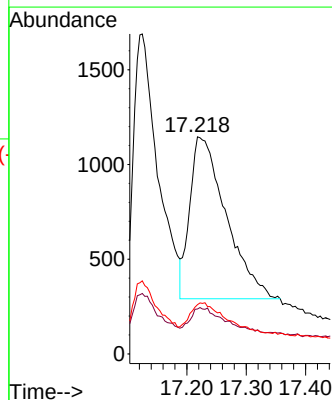
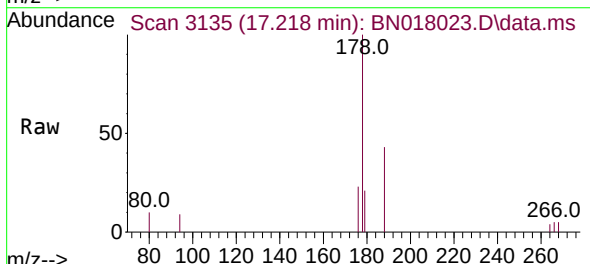
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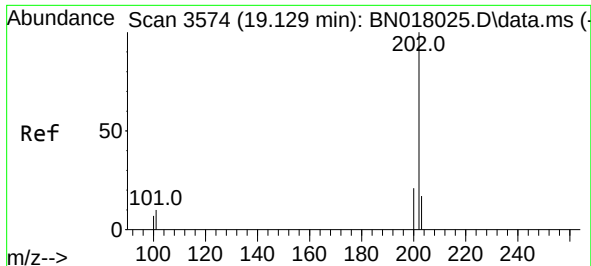
Tgt Ion:178 Resp: 5303
Ion Ratio Lower Upper
178 100
179 18.9 13.0 19.4
176 22.9 15.6 23.4



#16
Anthracene
Concen: 0.090 ng/ul
RT: 17.218 min Scan# 3135
Delta R.T. 0.011 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:178 Resp: 3629
Ion Ratio Lower Upper
178 100
179 20.7 13.3 19.9#
176 22.7 15.1 22.7#

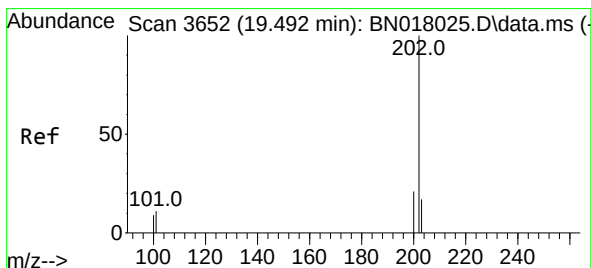
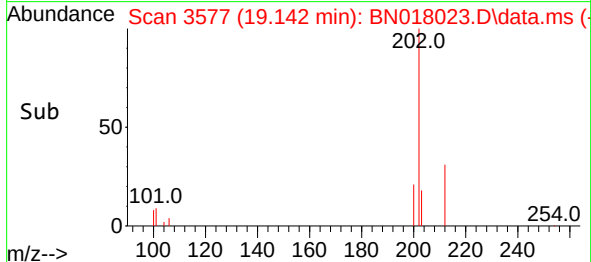
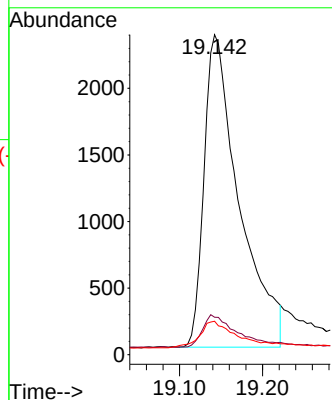
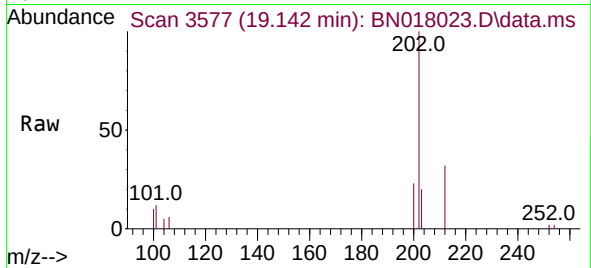




#19
Fluoranthene
Concen: 0.087 ng/ul
RT: 19.142 min Scan# 3577
Delta R.T. 0.013 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

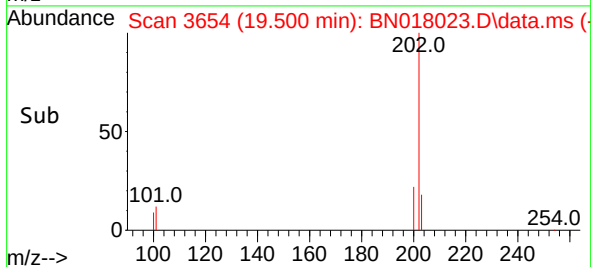
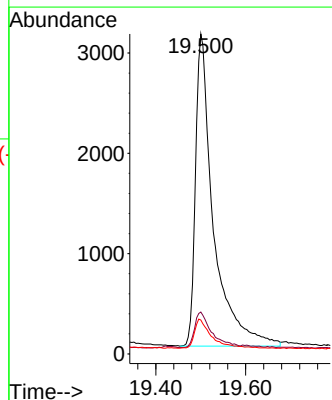
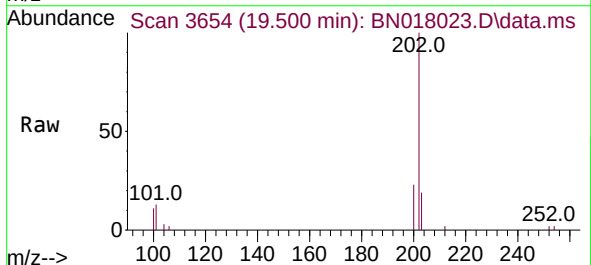
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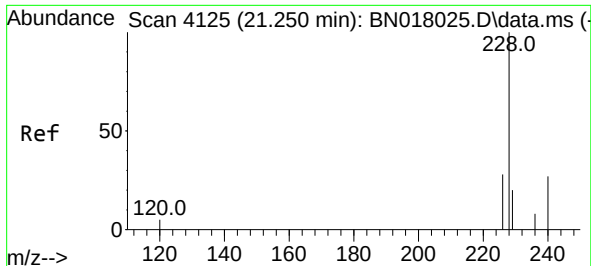
Tgt Ion:202 Resp: 6892
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 10.4 6.8 10.2#



#20
Pyrene
Concen: 0.107 ng/ul
RT: 19.500 min Scan# 3654
Delta R.T. 0.008 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:202 Resp: 8636
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.6 9.4 14.0

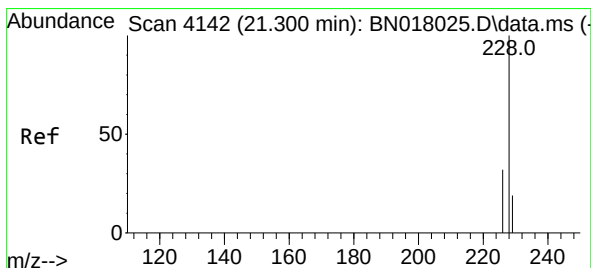
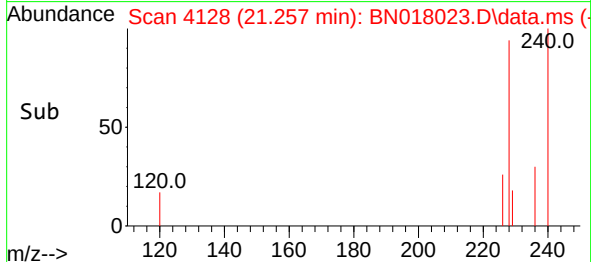
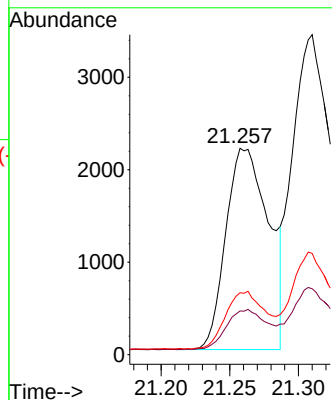
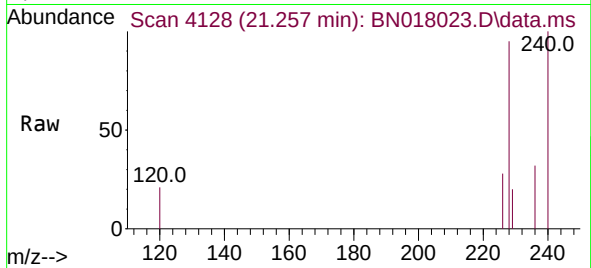




#21
Benzo(a)anthracene
Concen: 0.075 ng/u1
RT: 21.257 min Scan# 4125
Delta R.T. 0.008 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

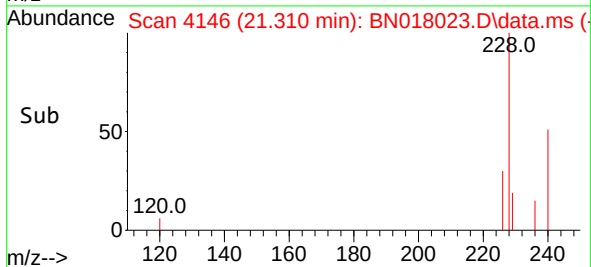
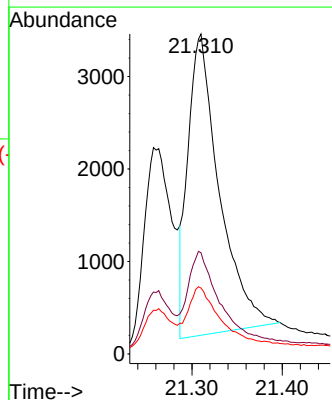
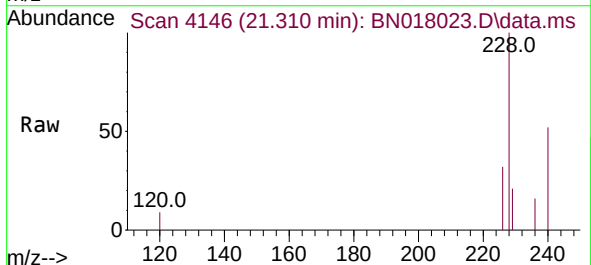
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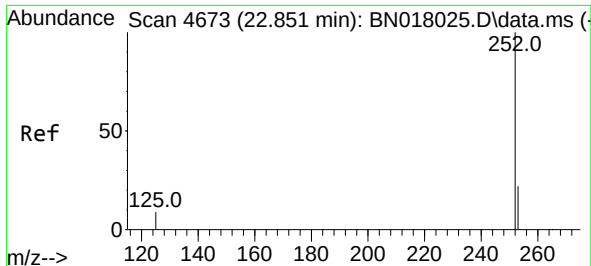
Tgt Ion:228 Resp: 4736
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 30.0 21.8 32.8



#22
Chrysene
Concen: 0.123 ng/u1
RT: 21.310 min Scan# 4146
Delta R.T. 0.010 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:228 Resp: 7845
Ion Ratio Lower Upper
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226 31.7 23.9 35.9
229 20.6 15.7 23.5

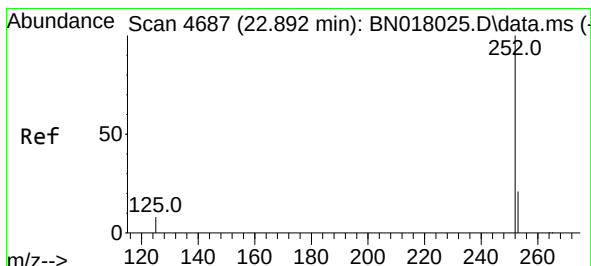
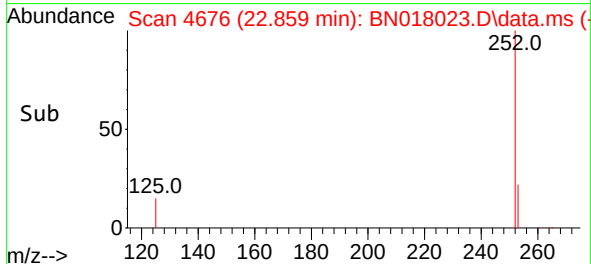
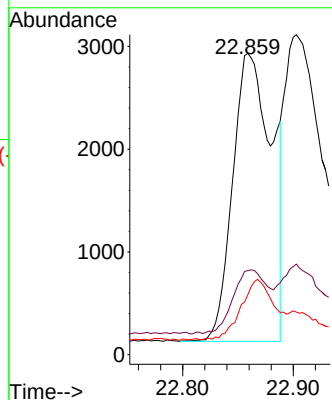
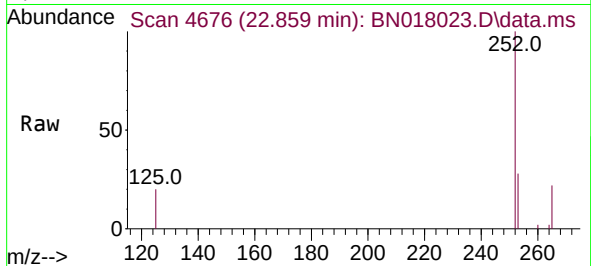




#24
Benzo(b)fluoranthene
Concen: 0.105 ng/ul
RT: 22.859 min Scan# 4673
Delta R.T. 0.008 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

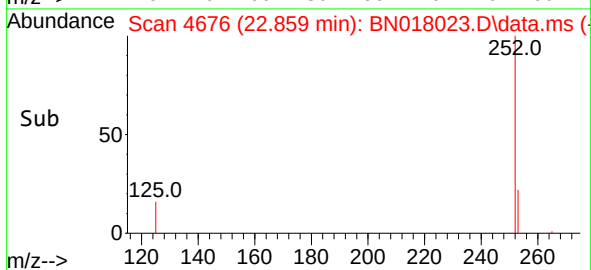
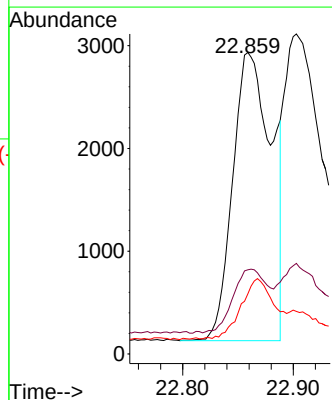
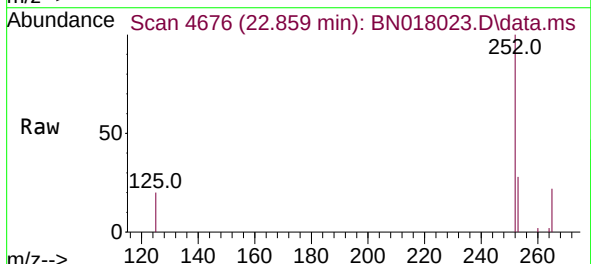
Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

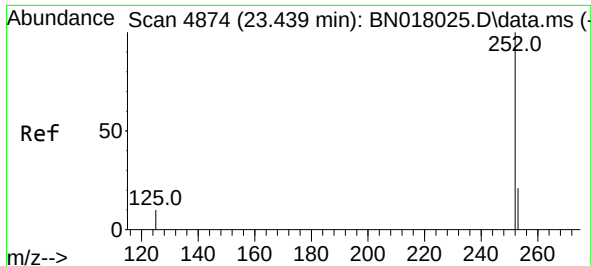
Tgt Ion:252 Resp: 6847
Ion Ratio Lower Upper
252 100
253 27.9 0.0 57.6
125 20.0 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul
RT: 22.859 min Scan# 4676
Delta R.T. -0.033 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:252 Resp: 6847
Ion Ratio Lower Upper
252 100
253 27.9 23.1 34.7
125 20.0 17.1 25.7

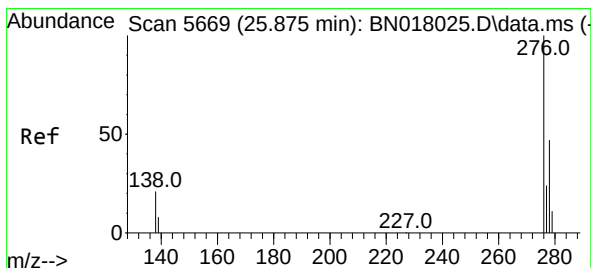
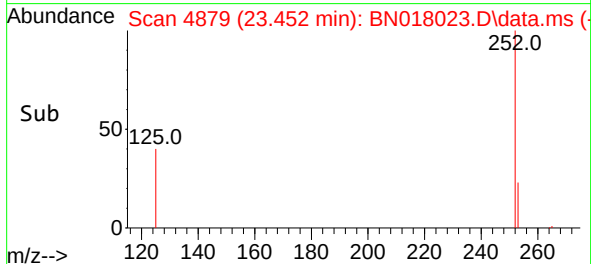
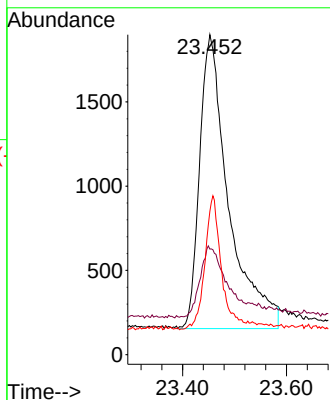
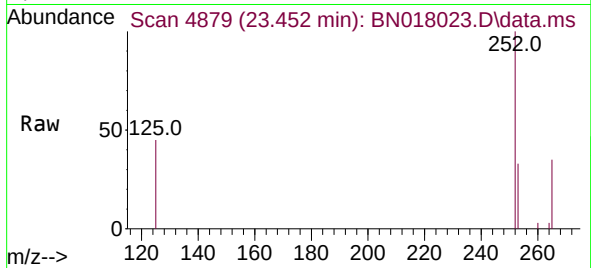




#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.452 min Scan# 4879
Delta R.T. 0.013 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

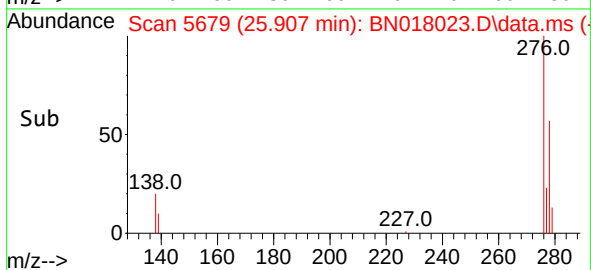
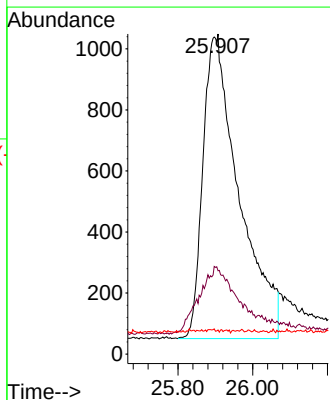
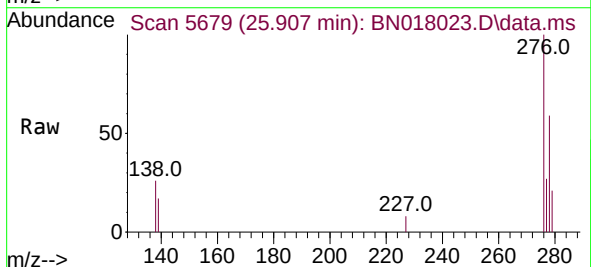
Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

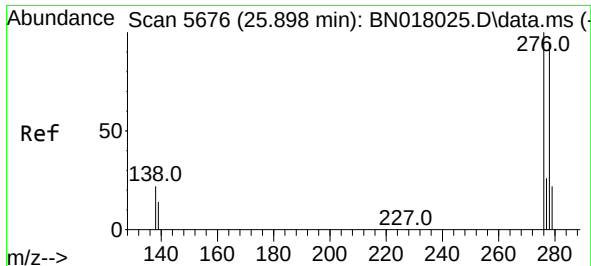
Tgt Ion:252 Resp: 6762
Ion Ratio Lower Upper
252 100
253 33.0 25.0 37.4
125 44.8 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 25.907 min Scan# 5679
Delta R.T. 0.032 min
Lab File: BN018023.D
Acq: 15 Dec 2021 14:03

Tgt Ion:276 Resp: 6680
Ion Ratio Lower Upper
276 100
138 0.0 0.1 0.1#
227 0.0 0.0 0.0#

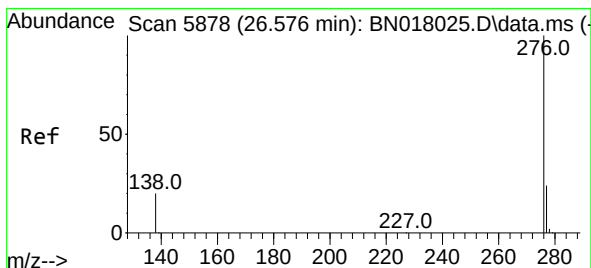
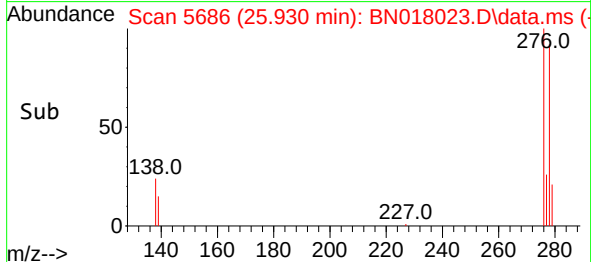
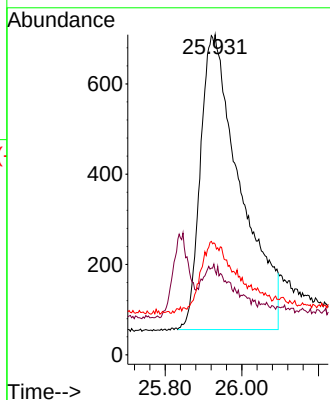
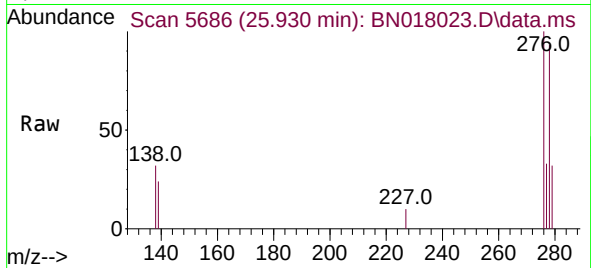




#28
 Dibenzo(a,h)anthracene
 Concen: 0.138 ng/ul
 RT: 25.930 min Scan# 5686
 Delta R.T. 0.032 min
 Lab File: BN018023.D
 Acq: 15 Dec 2021 14:03

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1243

Tgt Ion:278 Resp: 4703
 Ion Ratio Lower Upper
 278 100
 139 26.2 21.8 32.8
 279 34.6 26.3 39.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.143 ng/ul
 RT: 26.591 min Scan# 5883
 Delta R.T. 0.016 min
 Lab File: BN018023.D
 Acq: 15 Dec 2021 14:03

Tgt Ion:276 Resp: 5989
 Ion Ratio Lower Upper
 276 100
 138 23.6 24.5 36.7#
 277 28.1 21.2 31.8

