

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019561.D
 Acq On : 28 Apr 2022 12:02
 Operator : CG/JU
 Sample : SSTD1.634
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6234

Quant Time: Apr 28 12:57:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 12:54:20 2022
 Response via : Initial Calibration

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

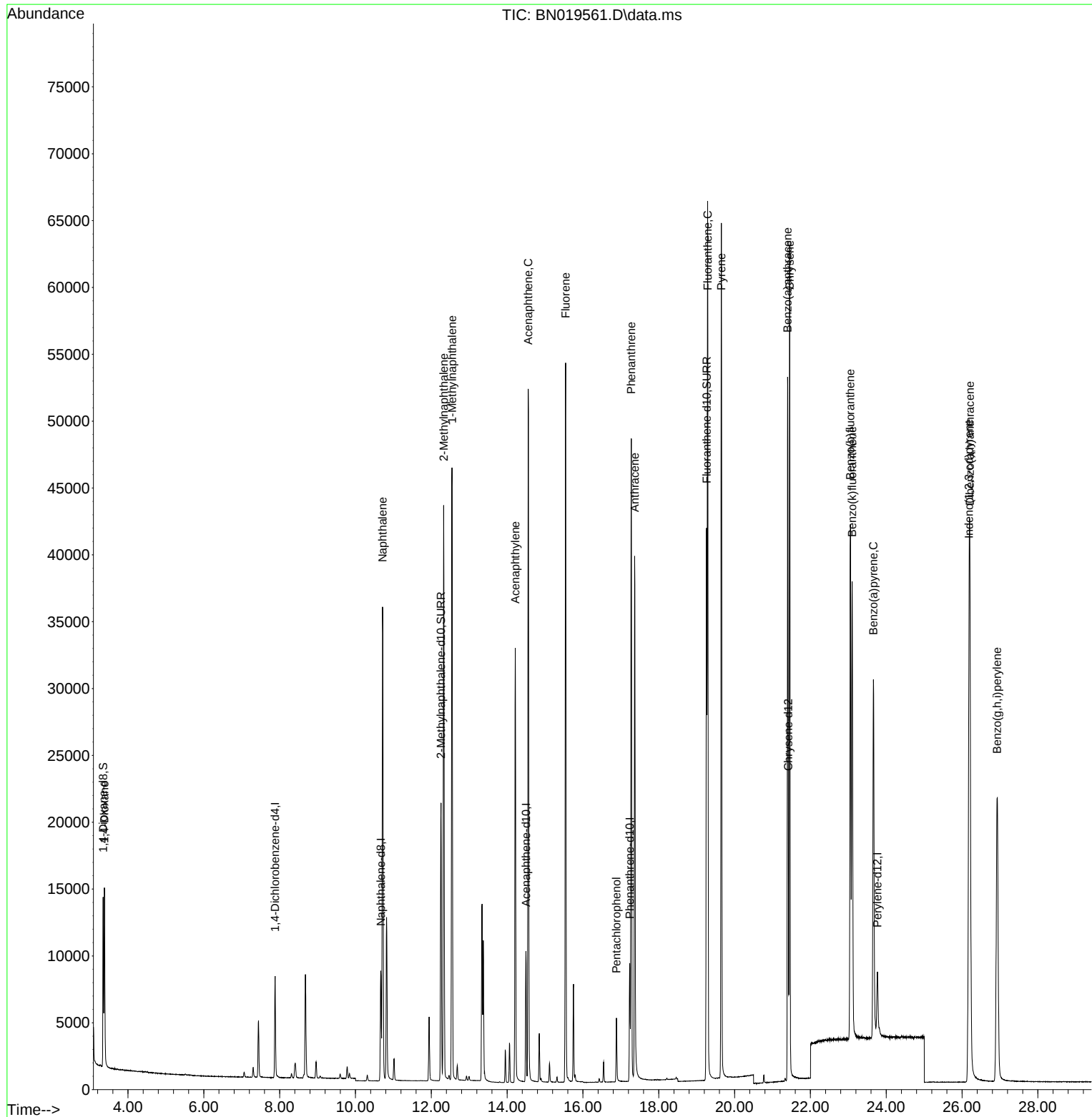
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	4145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	11471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	5679	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	10622	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	9117	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	6993	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	7731	1.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	27589	1.792	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	45409	1.221	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	8356	1.627	ng/ul#	69
5) Naphthalene	10.716	128	50125	1.539	ng/ul	98
7) 2-Methylnaphthalene	12.328	142	31002	1.527	ng/ul#	100
8) 1-Methylnaphthalene	12.548	142	32880	1.504	ng/ul#	100
10) Acenaphthylene	14.215	152	39026	1.865	ng/ul	99
11) Acenaphthene	14.557	153	30974	1.502	ng/ul	98
12) Fluorene	15.543	166	34521	1.631	ng/ul	100
14) Pentachlorophenol	16.884	266	3256	2.299	ng/ul	90
15) Phenanthrene	17.276	178	53534	1.479	ng/ul	99
16) Anthracene	17.365	178	44596	1.715	ng/ul	99
19) Fluoranthene	19.290	202	58183	1.148	ng/ul	99
20) Pyrene	19.653	202	56305	1.028	ng/ul	99
21) Benzo(a)anthracene	21.400	228	46503	1.785	ng/ul	99
22) Chrysene	21.452	228	53975	1.593	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	50155	1.513	ng/ul	92
25) Benzo(k)fluoranthene	23.101	252	48813	1.347	ng/ul	96
26) Benzo(a)pyrene	23.662	252	43316	1.505	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.185	276	54070	1.843	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.205	278	45582	2.339	ng/ul#	80
29) Benzo(g,h,i)perylene	26.926	276	48601	1.564	ng/ul	95

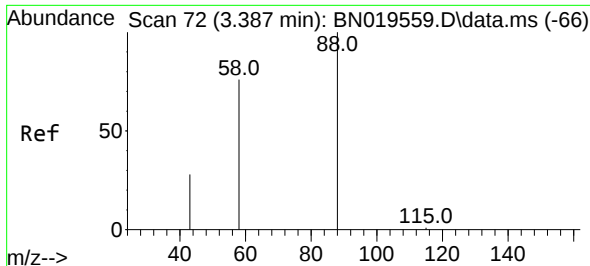
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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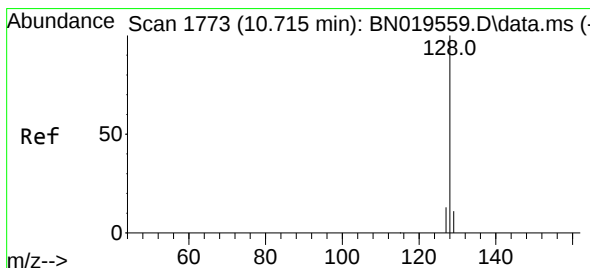
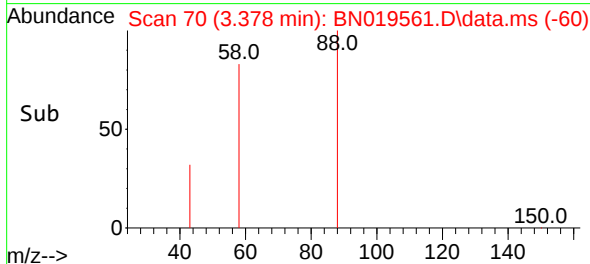
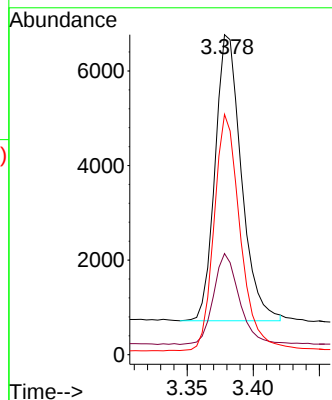
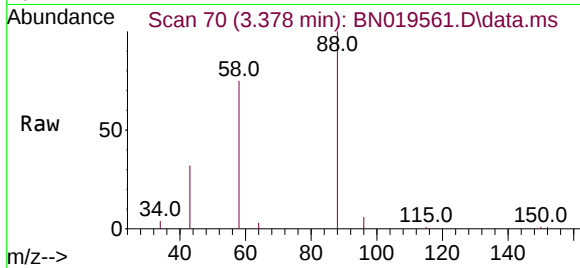




#2
1,4-Dioxane
Concen: 1.627 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.008 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

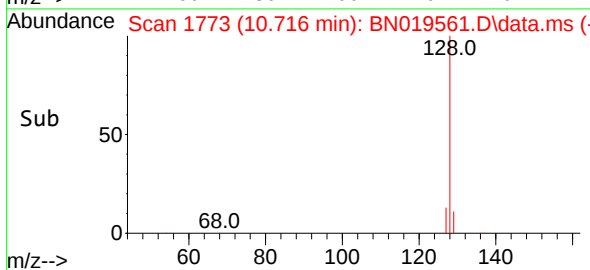
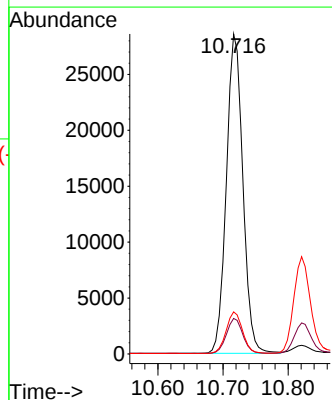
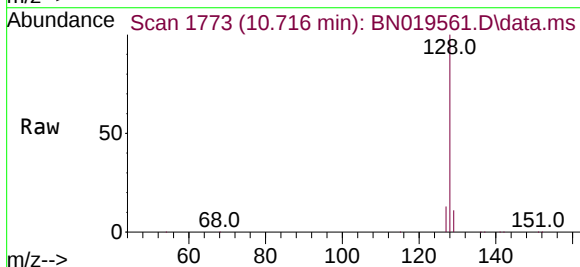
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

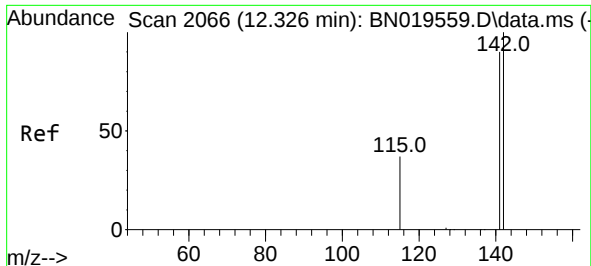
Tgt Ion: 88 Resp: 8356
Ion Ratio Lower Upper
88 100
43 31.6 39.0 58.4#
58 75.1 39.8 59.8#



#5
Naphthalene
Concen: 1.539 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion: 128 Resp: 50125
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.1 11.0 16.4

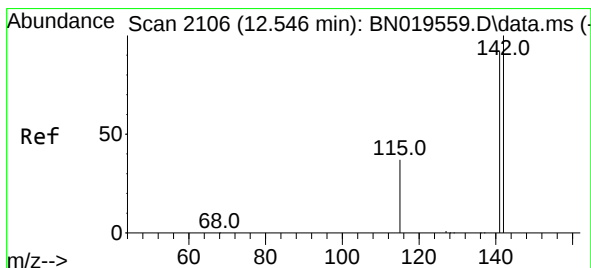
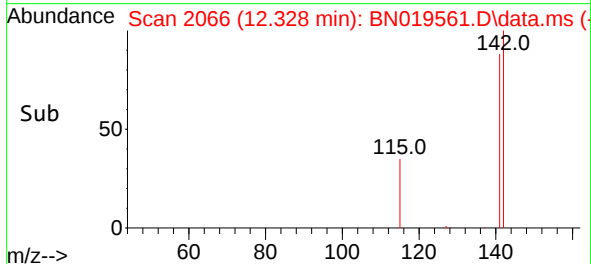
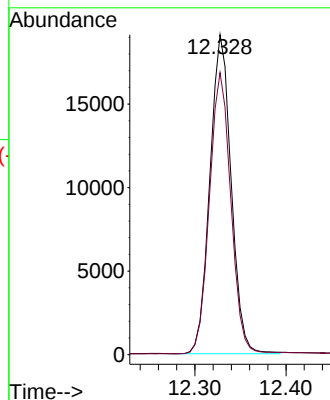
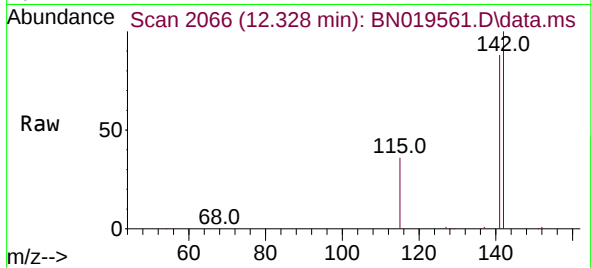




#7
2-Methylnaphthalene
Concen: 1.527 ng/ul
RT: 12.328 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

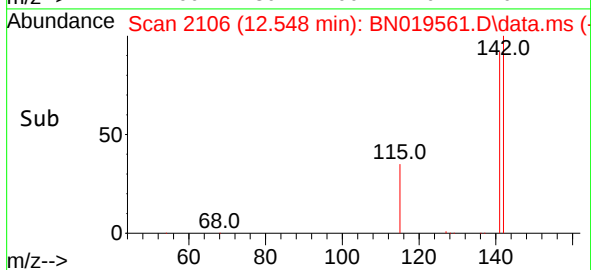
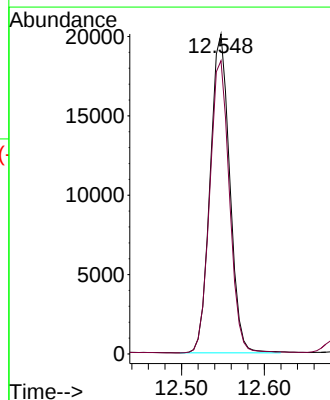
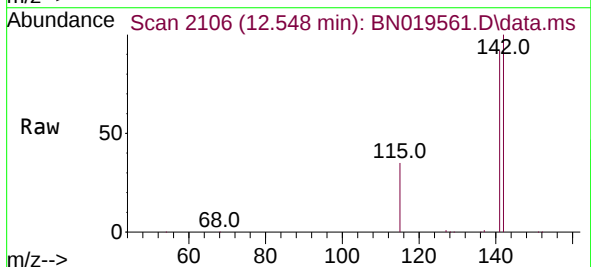
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

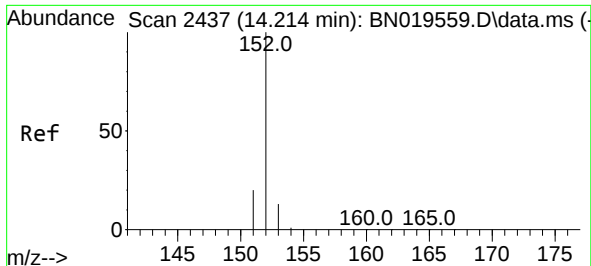
Tgt Ion:142 Resp: 31002
Ion Ratio Lower Upper
142 100
141 88.8 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 1.504 ng/ul
RT: 12.548 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion:142 Resp: 32880
Ion Ratio Lower Upper
142 100
141 92.2 0.0 0.0#

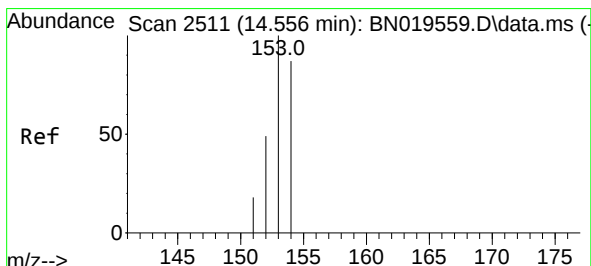
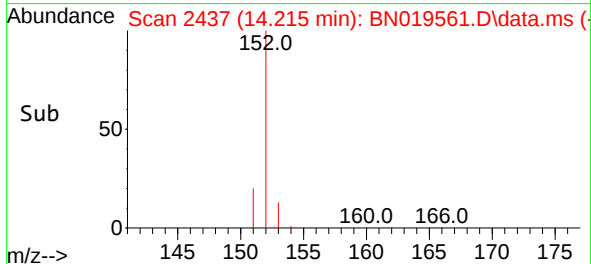
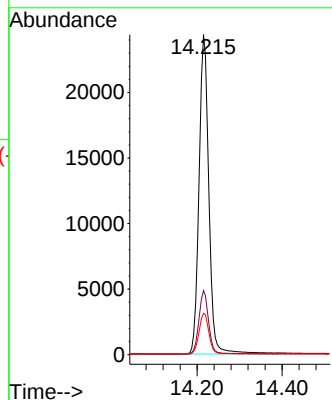
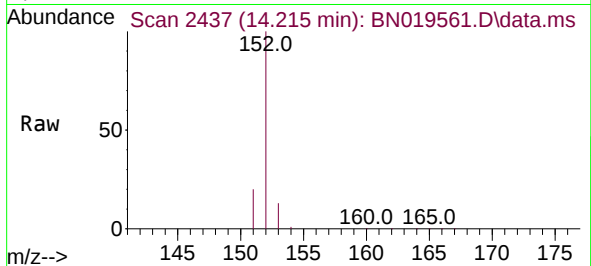




#10
Acenaphthylene
Concen: 1.865 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

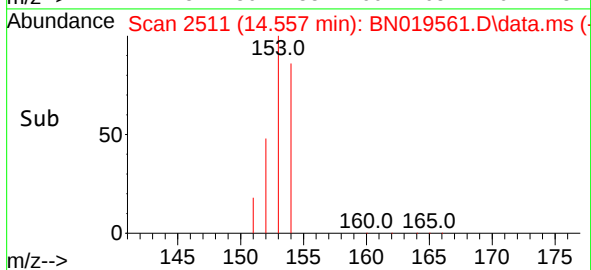
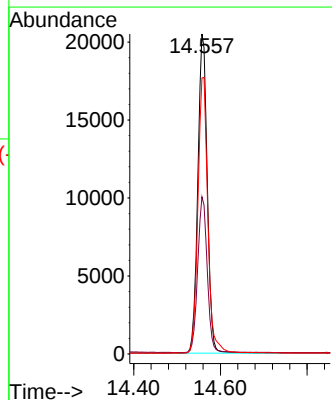
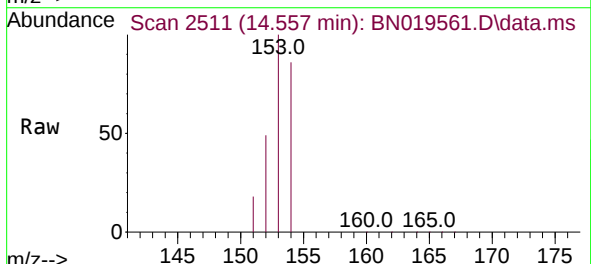
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

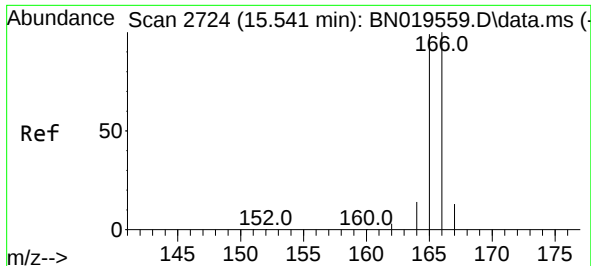
Tgt Ion:152 Resp: 39026
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.0 11.1 16.7



#11
Acenaphthene
Concen: 1.502 ng/ul
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion:153 Resp: 30974
Ion Ratio Lower Upper
153 100
152 49.1 38.6 57.8
154 86.2 71.2 106.8

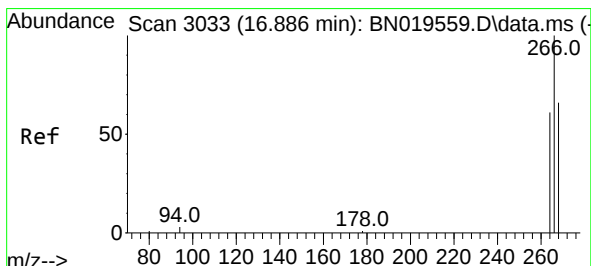
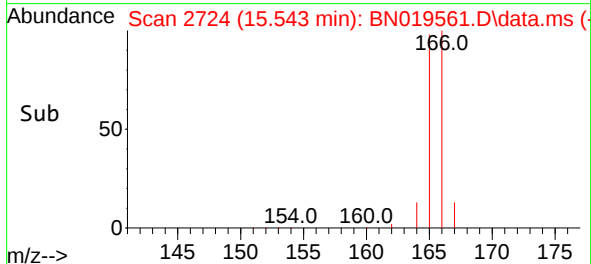
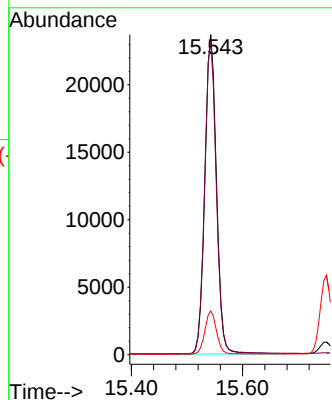
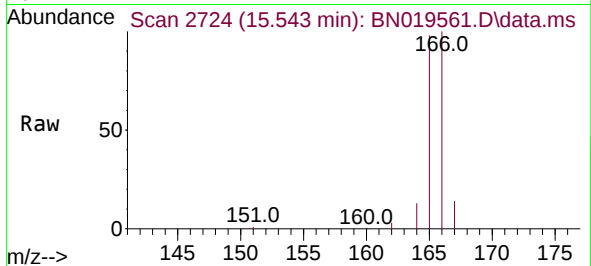




#12
Fluorene
Concen: 1.631 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

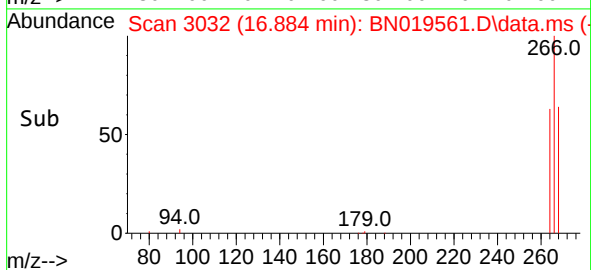
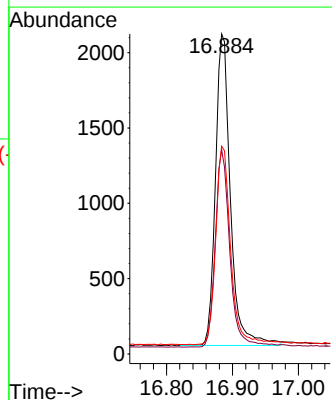
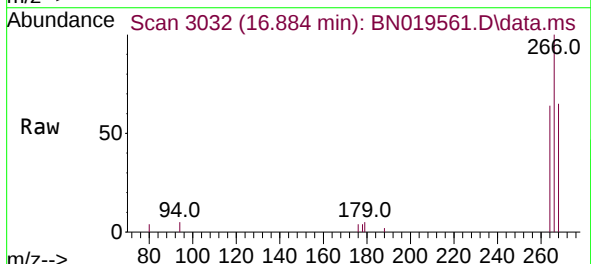
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

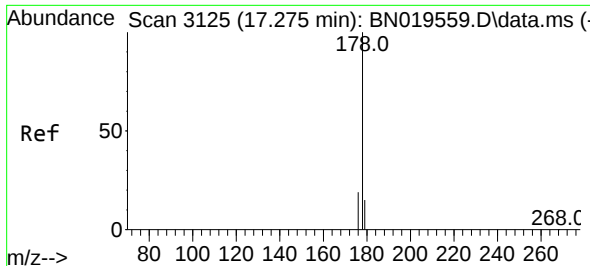
Tgt Ion:166 Resp: 34521
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 2.299 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.003 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion:266 Resp: 3256
Ion Ratio Lower Upper
266 100
264 62.0 44.9 67.3
268 64.3 44.6 67.0

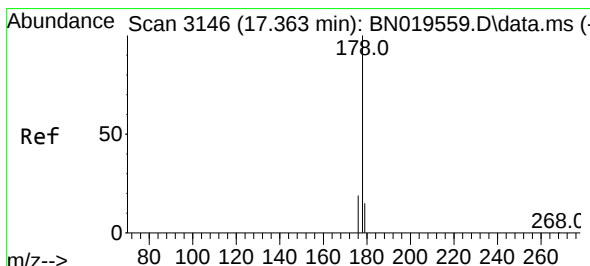
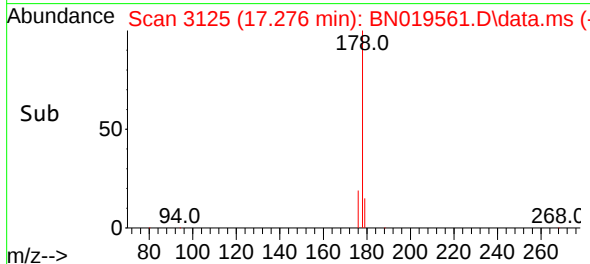
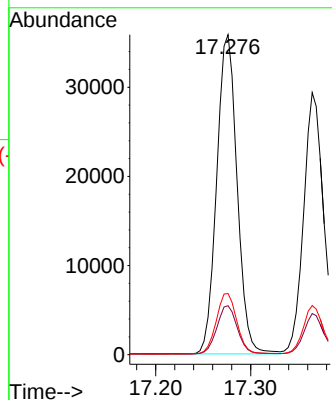
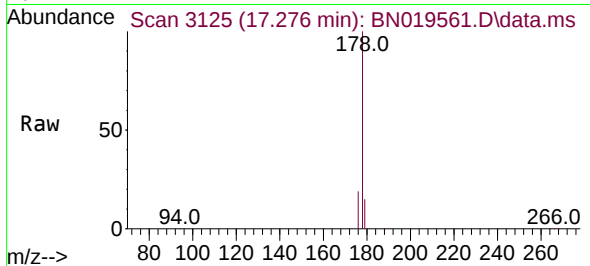




#15
Phenanthrene
Concen: 1.479 ng/ul
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

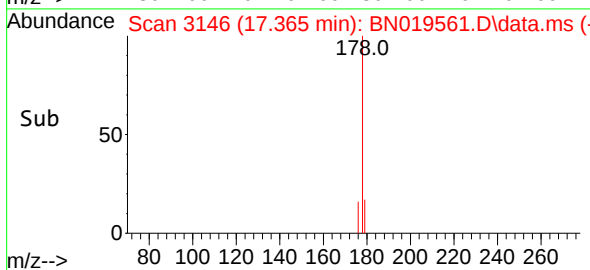
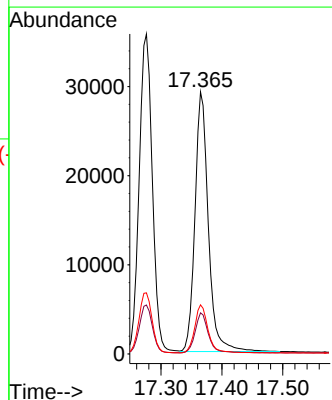
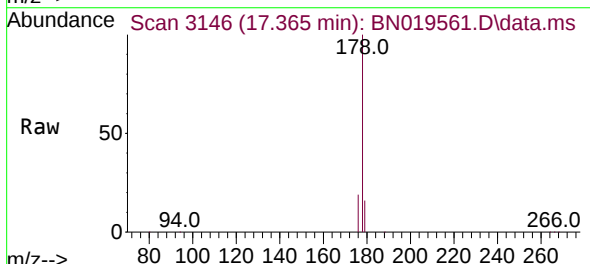
Instrument :
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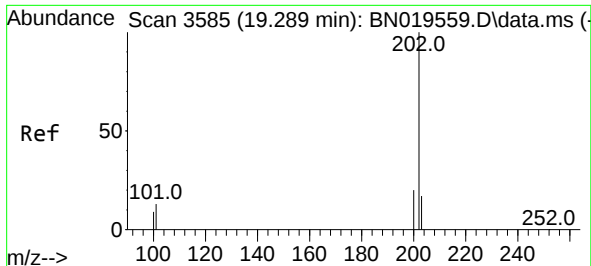
Tgt Ion:178 Resp: 53534
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.1 15.5 23.3



#16
Anthracene
Concen: 1.715 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion:178 Resp: 44596
Ion Ratio Lower Upper
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179 15.7 13.1 19.7
176 18.8 15.3 22.9

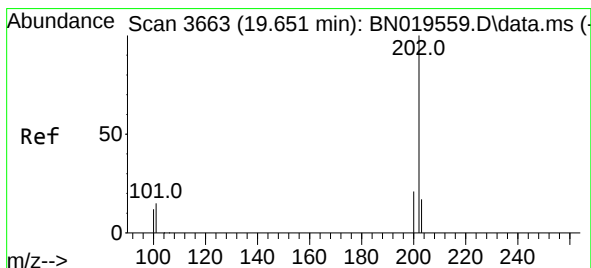
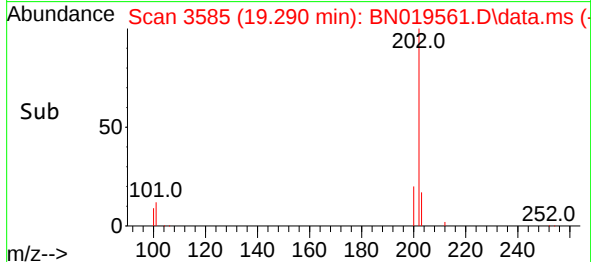
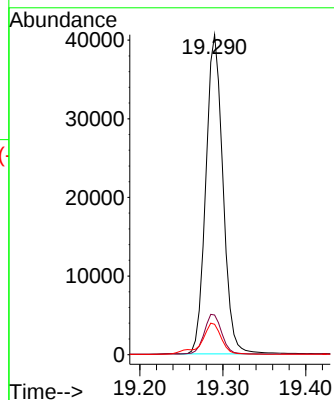
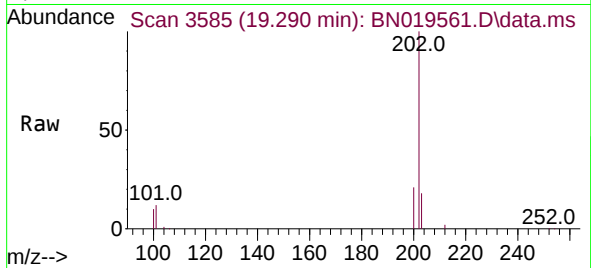




#19
Fluoranthene
Concen: 1.148 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

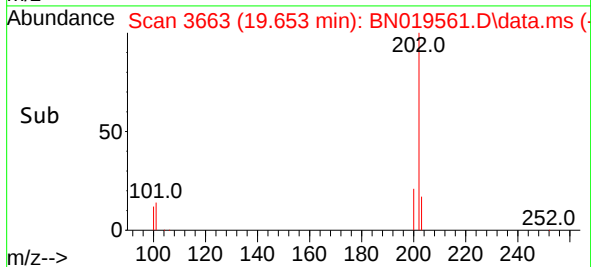
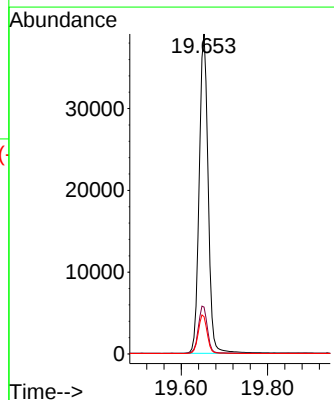
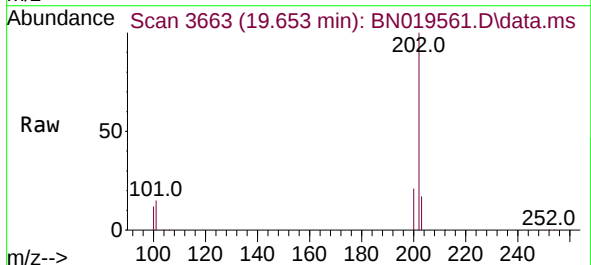
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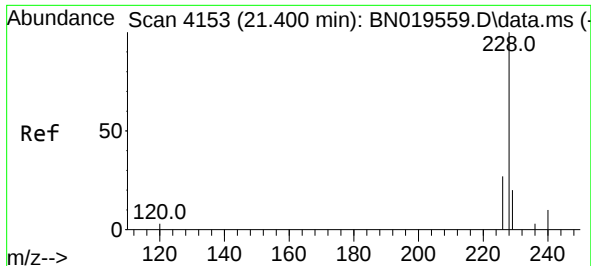
Tgt Ion:202 Resp: 58183
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.5 7.4 11.2



#20
Pyrene
Concen: 1.028 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

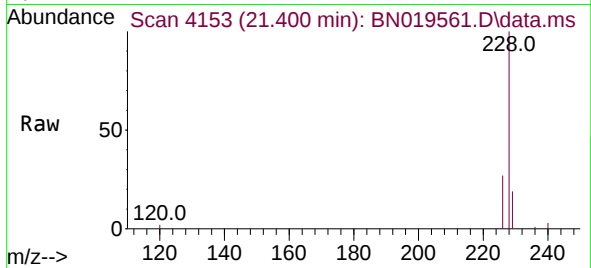
Tgt Ion:202 Resp: 56305
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 11.6 9.0 13.4



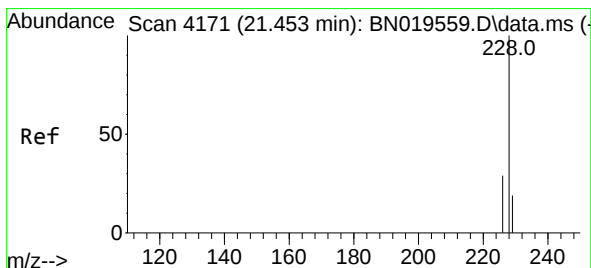
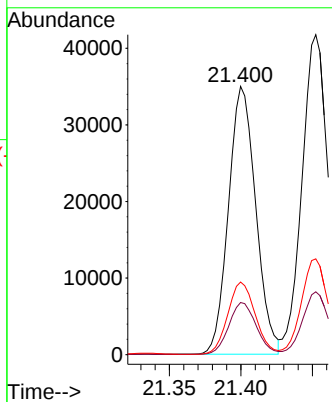
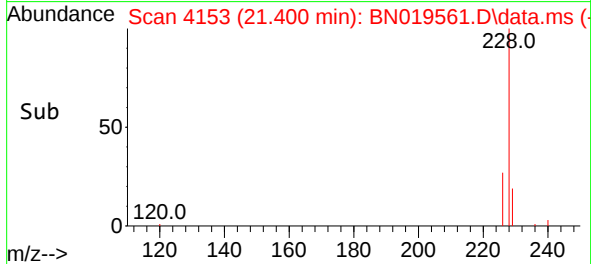


#21
Benzo(a)anthracene
Concen: 1.785 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

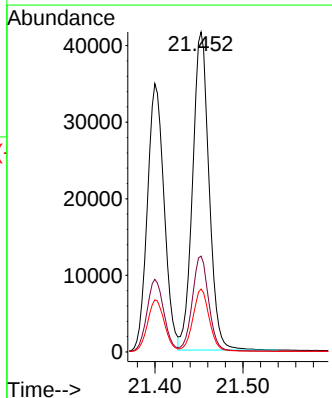
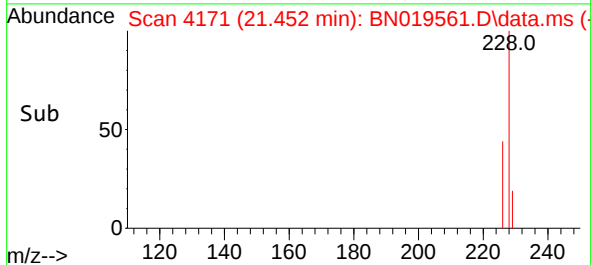
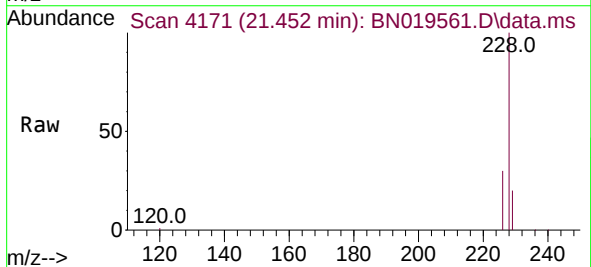


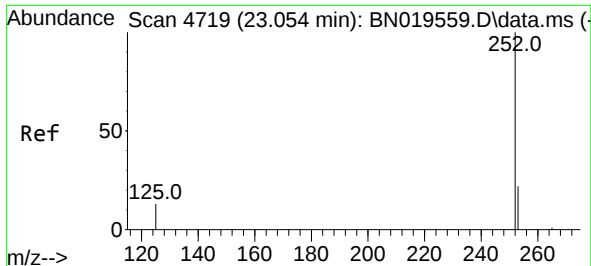
Tgt Ion:228 Resp: 46503
Ion Ratio Lower Upper
228 100
229 19.4 16.1 24.1
226 27.1 22.1 33.1



#22
Chrysene
Concen: 1.593 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion:228 Resp: 53975
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.7 16.0 24.0

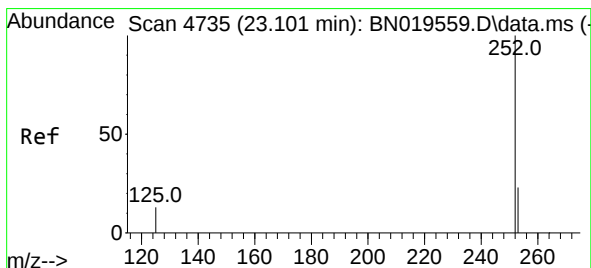
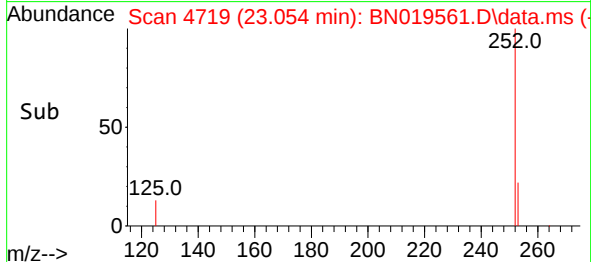
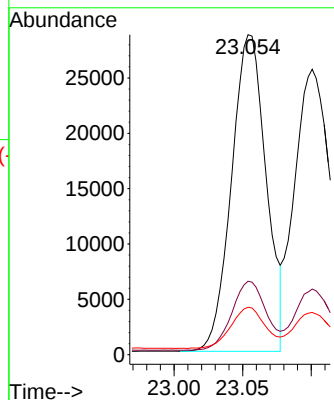
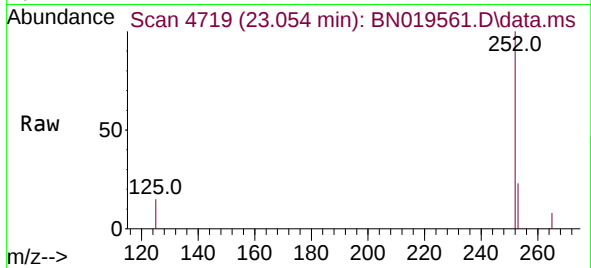




#24
Benzo(b)fluoranthene
Concen: 1.513 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

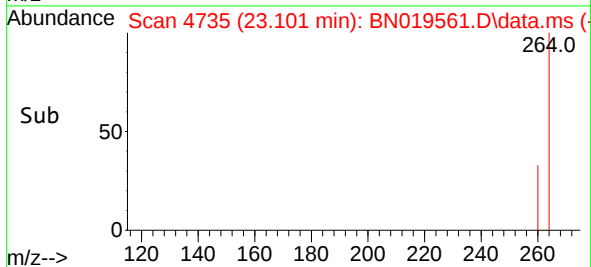
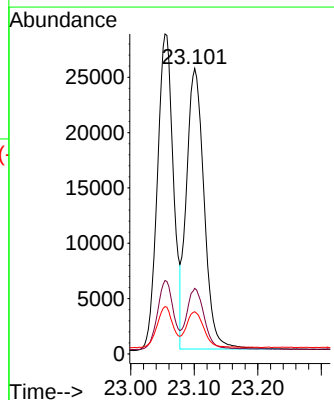
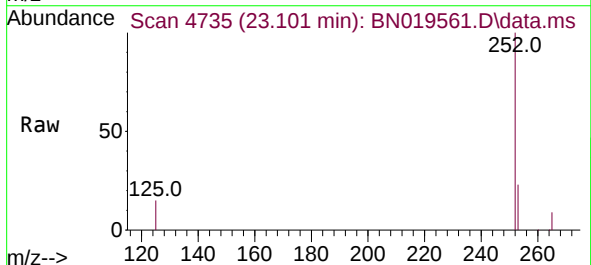
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

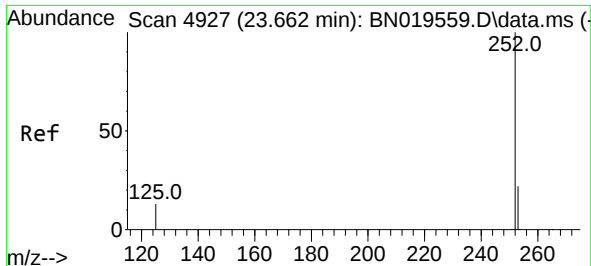
Tgt Ion:252 Resp: 50155
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.0
125 14.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.347 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.000 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

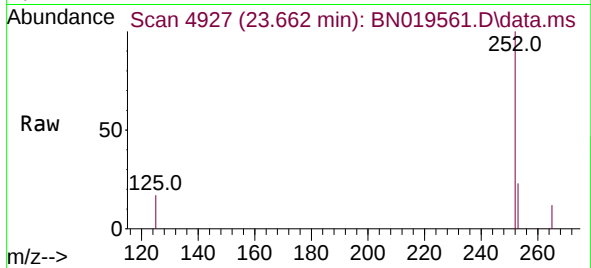
Tgt Ion:252 Resp: 48813
Ion Ratio Lower Upper
252 100
253 23.0 20.2 30.2
125 14.8 11.0 16.6



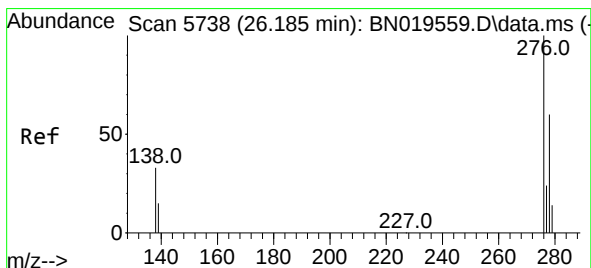
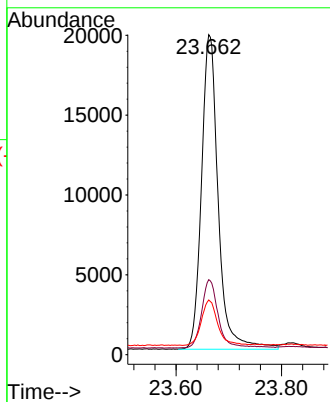
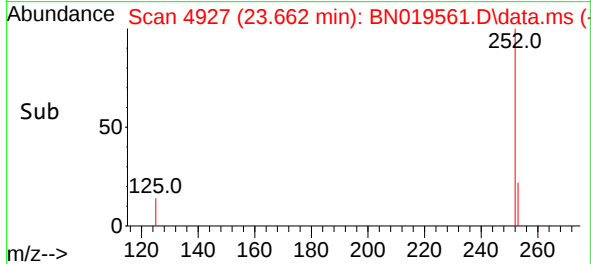


#26
Benzo(a)pyrene
Concen: 1.505 ng/ul
RT: 23.662 min Scan# 4927
Delta R.T. -0.000 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

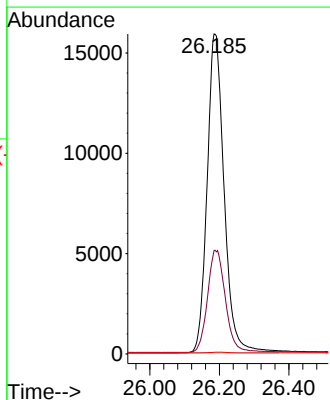
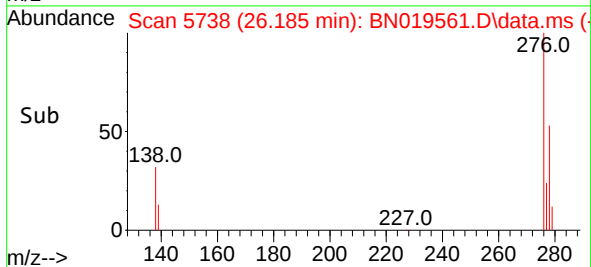
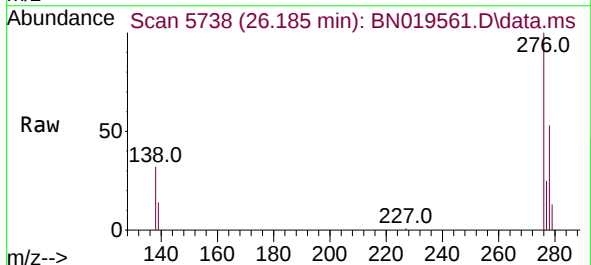


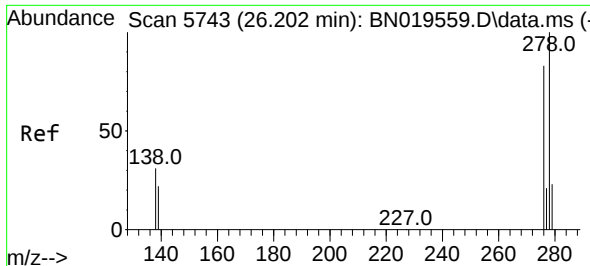
Tgt Ion:252 Resp: 43316
Ion Ratio Lower Upper
252 100
253 23.5 23.4 35.0
125 17.1 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.843 ng/ul
RT: 26.185 min Scan# 5738
Delta R.T. -0.000 min
Lab File: BN019561.D
Acq: 28 Apr 2022 12:02

Tgt Ion:276 Resp: 54070
Ion Ratio Lower Upper
276 100
138 33.9 23.6 35.4
227 0.3 0.0 0.0#

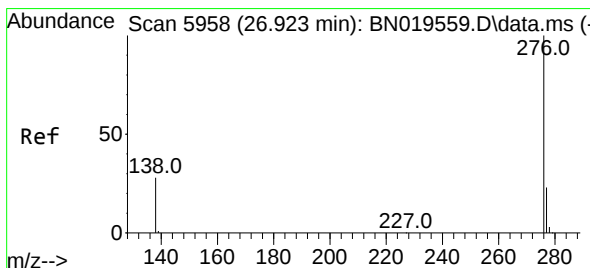
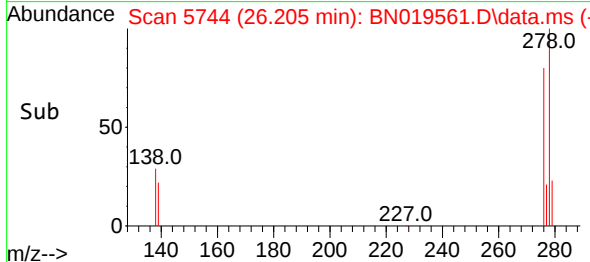
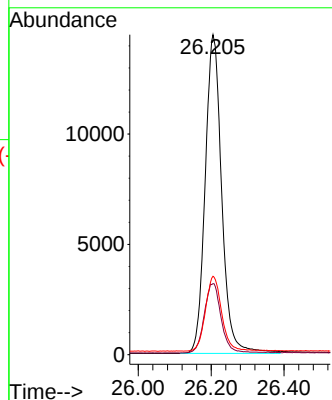
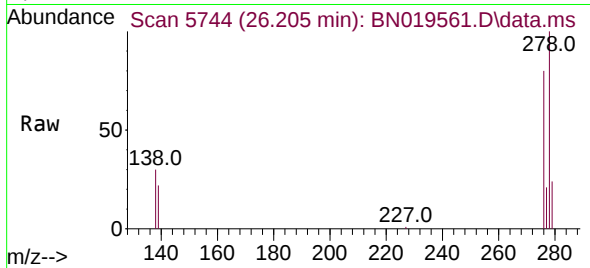




#28
 Dibenzo(a,h)anthracene
 Concen: 2.339 ng/ul
 RT: 26.205 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BN019561.D
 Acq: 28 Apr 2022 12:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6234

Tgt Ion:278 Resp: 45582
 Ion Ratio Lower Upper
 278 100
 139 22.2 18.6 28.0
 279 24.5 35.1 52.7#



#29
 Benzo(g,h,i)perylene
 Concen: 1.564 ng/ul
 RT: 26.926 min Scan# 5959
 Delta R.T. 0.003 min
 Lab File: BN019561.D
 Acq: 28 Apr 2022 12:02

Tgt Ion:276 Resp: 48601
 Ion Ratio Lower Upper
 276 100
 138 28.8 20.9 31.3
 277 23.6 20.4 30.6

