

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019562.D
 Acq On : 28 Apr 2022 12:38
 Operator : CG/JU
 Sample : SSTD3.235
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2235

Quant Time: Apr 28 13:11:13 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)

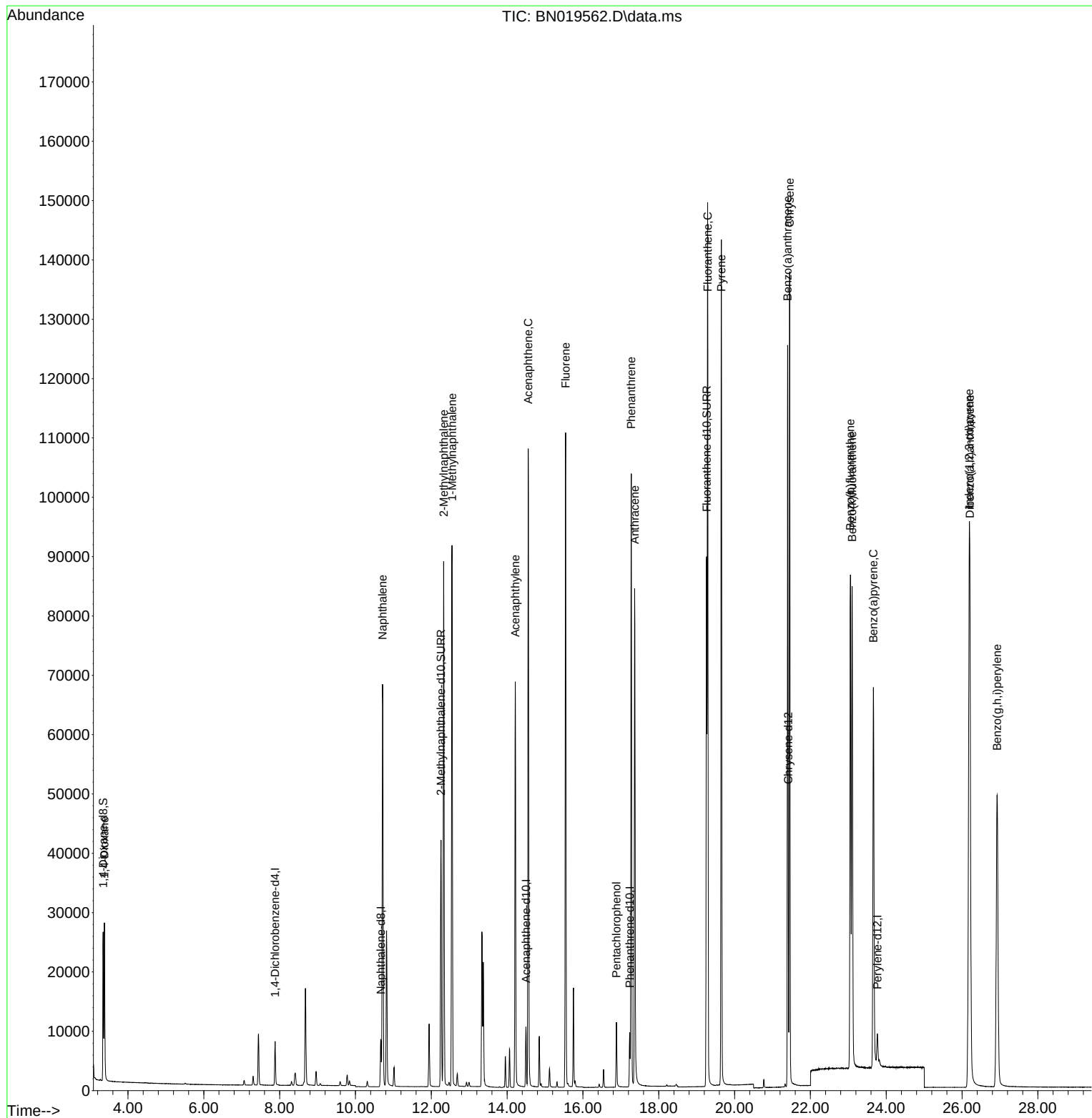
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	3982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	11135	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	5672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	10757	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	9974	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	7561	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	15028	3.114	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	54627	3.656	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	97611	2.400	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	16353	3.314	ng/ul#	67
5) Naphthalene	10.716	128	98071	3.101	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	61813	3.136	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	65122	3.068	ng/ul#	100
10) Acenaphthylene	14.215	152	81876	3.917	ng/ul	98
11) Acenaphthene	14.557	153	62468	3.033	ng/ul	99
12) Fluorene	15.543	166	71024	3.359	ng/ul	99
14) Pentachlorophenol	16.883	266	7292	5.083	ng/ul	90
15) Phenanthrene	17.276	178	110878	3.026	ng/ul	99
16) Anthracene	17.365	178	96421	3.662	ng/ul	98
19) Fluoranthene	19.290	202	125911	2.272	ng/ul	99
20) Pyrene	19.653	202	121054	2.021	ng/ul	100
21) Benzo(a)anthracene	21.400	228	106408	3.734	ng/ul	99
22) Chrysene	21.452	228	116538	3.144	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	110511	3.083	ng/ul	89
25) Benzo(k)fluoranthene	23.101	252	108444	2.768	ng/ul	96
26) Benzo(a)pyrene	23.662	252	98238	3.157	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.188	276	119944	3.781	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.205	278	100500	4.770	ng/ul#	79
29) Benzo(g,h,i)perylene	26.926	276	105854	3.151	ng/ul	96

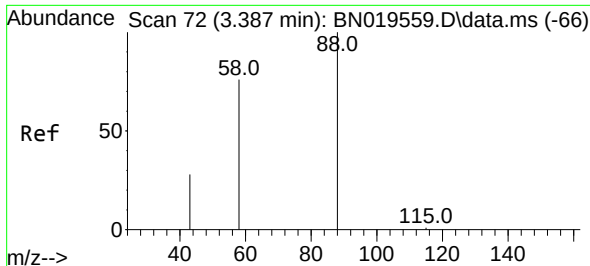
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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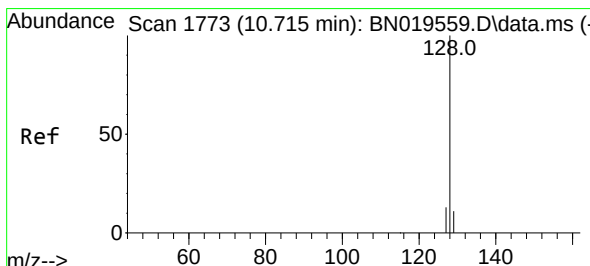
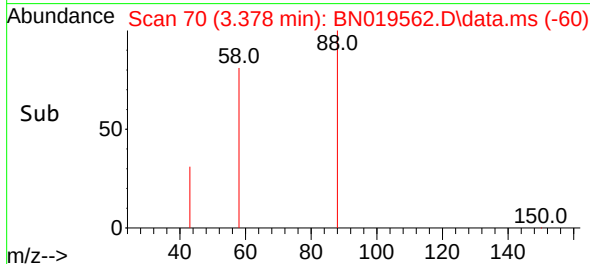
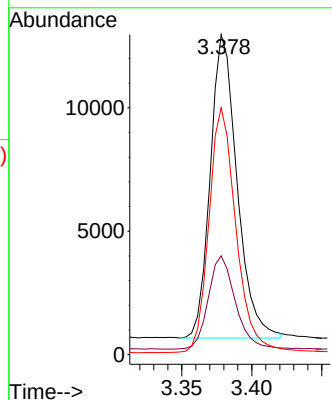
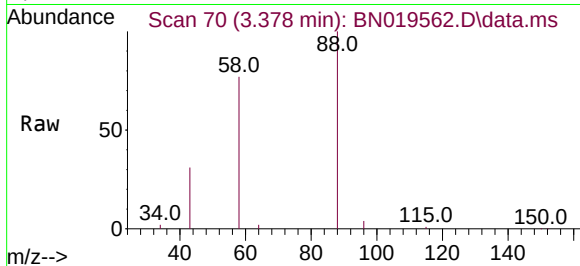




#2
1,4-Dioxane
Concen: 3.314 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.008 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

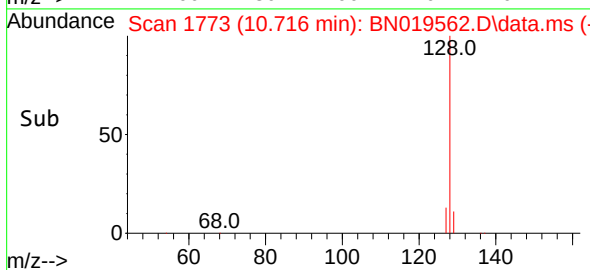
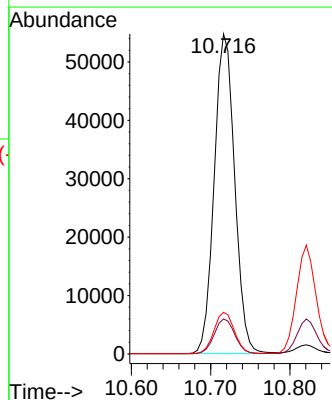
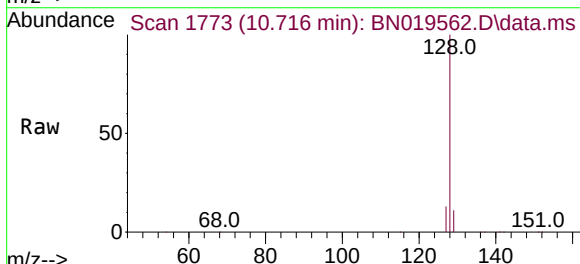
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

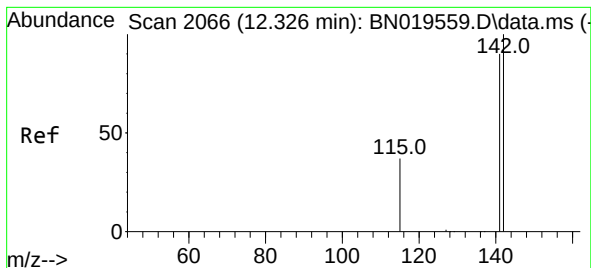
Tgt Ion: 88 Resp: 16353
Ion Ratio Lower Upper
88 100
43 30.9 39.0 58.4#
58 77.2 39.8 59.8#



#5
Naphthalene
Concen: 3.101 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion: 128 Resp: 98071
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 11.0 16.4

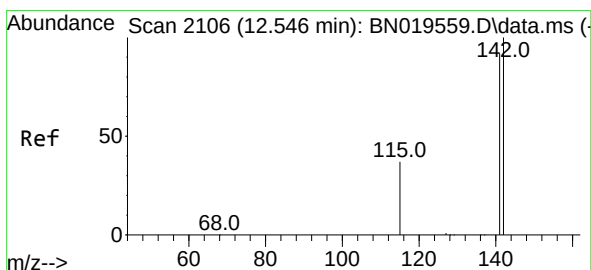
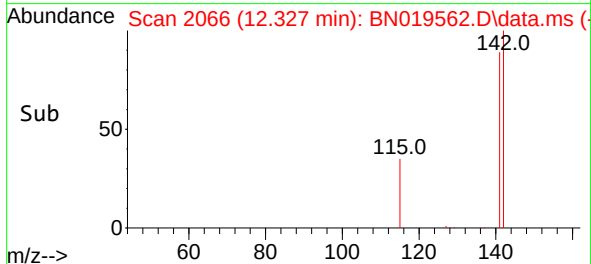
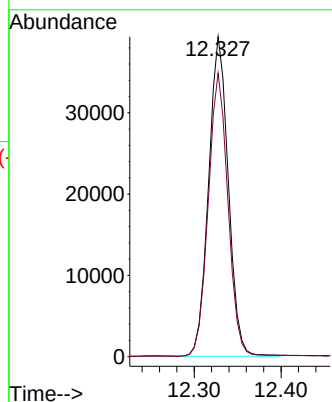
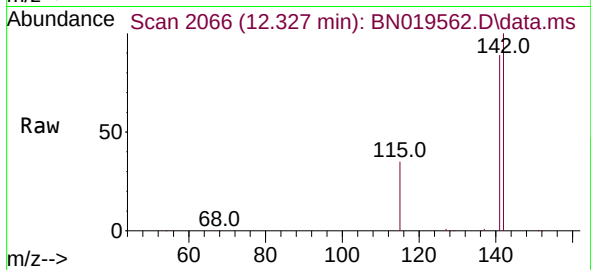




#7
2-Methylnaphthalene
Concen: 3.136 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

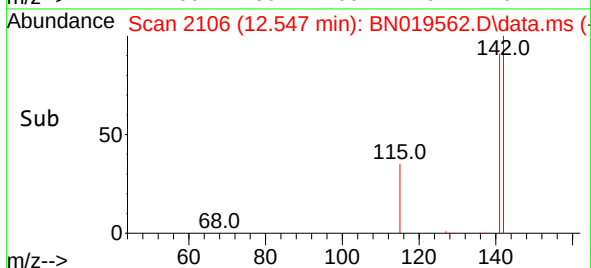
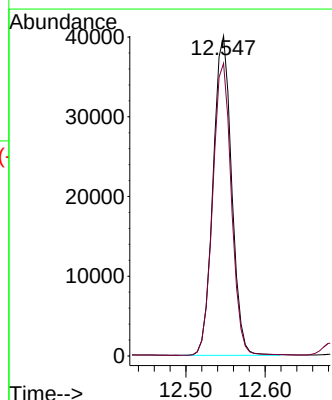
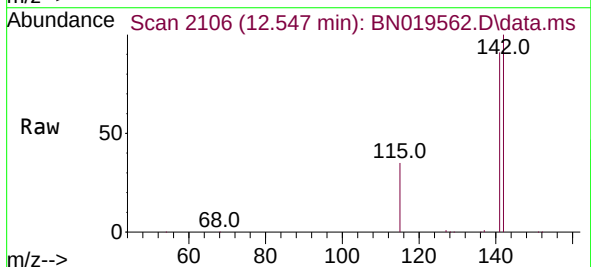
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

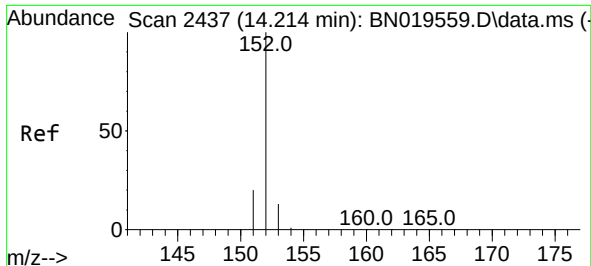
Tgt Ion:142 Resp: 61813
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 3.068 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:142 Resp: 65122
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

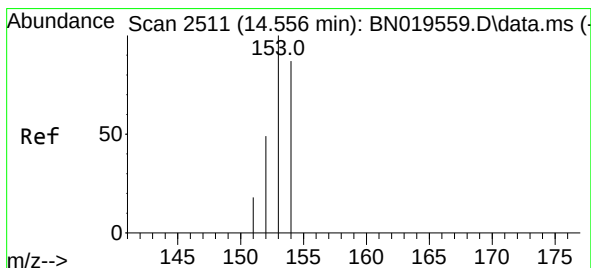
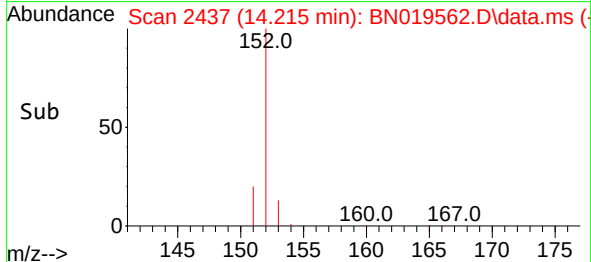
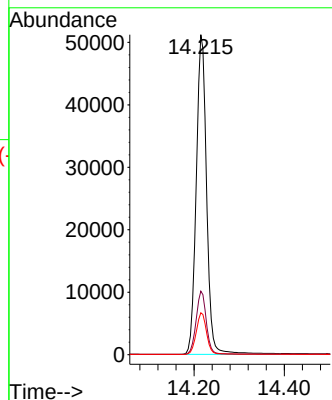
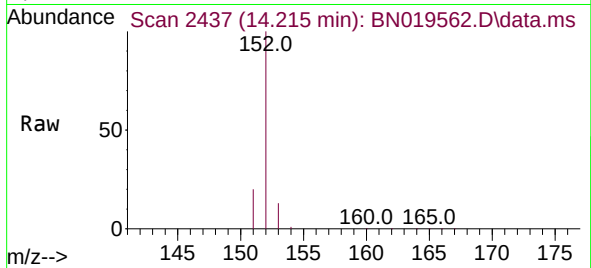




#10
Acenaphthylene
Concen: 3.917 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

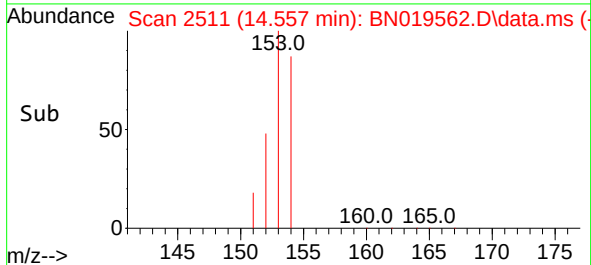
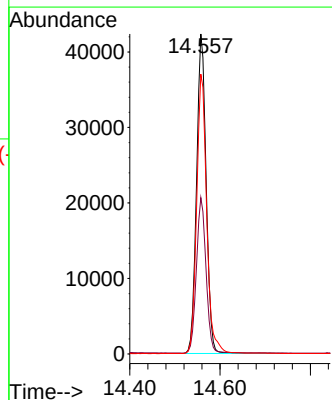
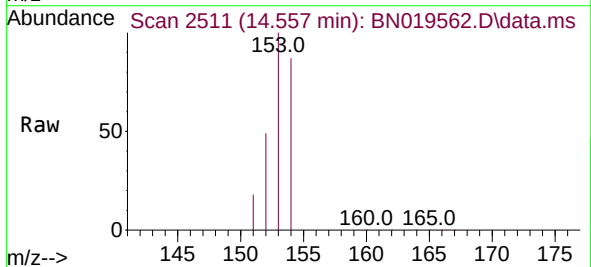
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

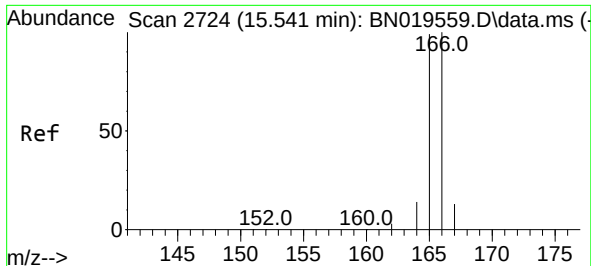
Tgt Ion:152 Resp: 81876
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 3.033 ng/ul
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:153 Resp: 62468
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 87.5 71.2 106.8

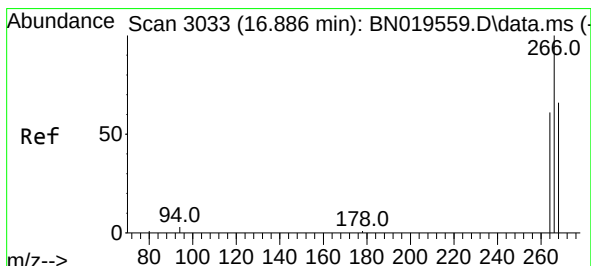
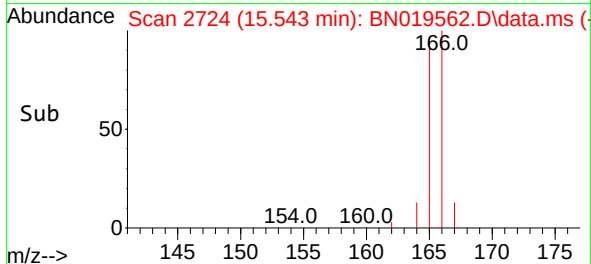
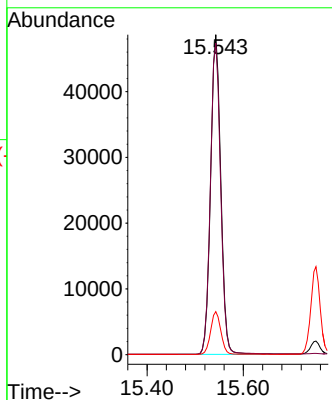
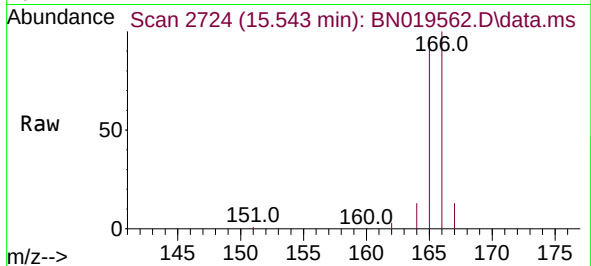




#12
 Fluorene
 Concen: 3.359 ng/ul
 RT: 15.543 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN019562.D
 Acq: 28 Apr 2022 12:38

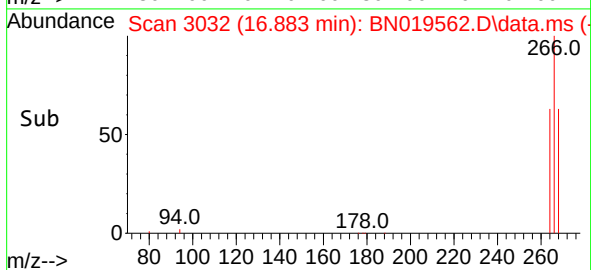
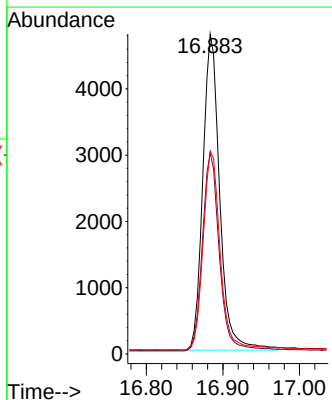
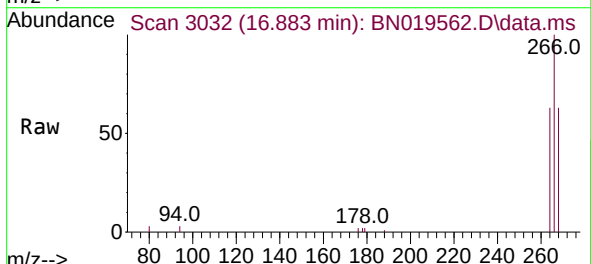
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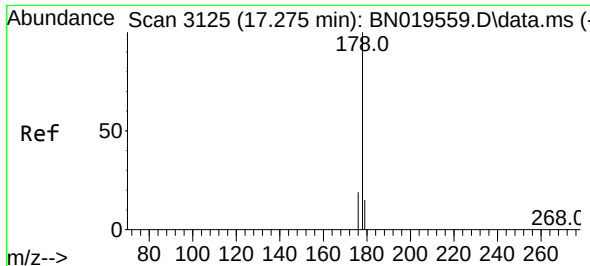
Tgt Ion:166 Resp: 71024
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.2 117.2
 167 13.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 5.083 ng/ul
 RT: 16.883 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: BN019562.D
 Acq: 28 Apr 2022 12:38

Tgt Ion:266 Resp: 7292
 Ion Ratio Lower Upper
 266 100
 264 63.1 44.9 67.3
 268 63.8 44.6 67.0

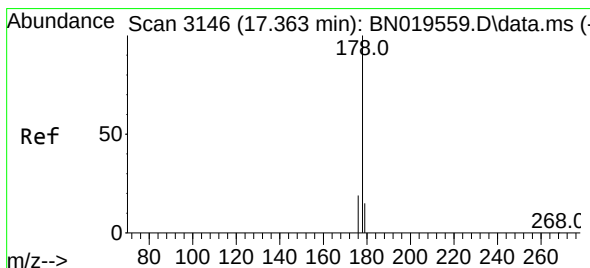
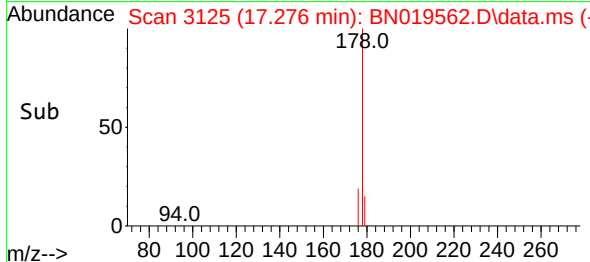
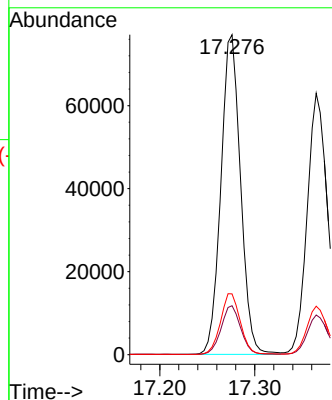
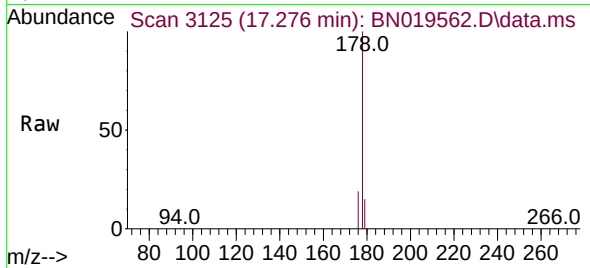




#15
Phenanthrene
Concen: 3.026 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

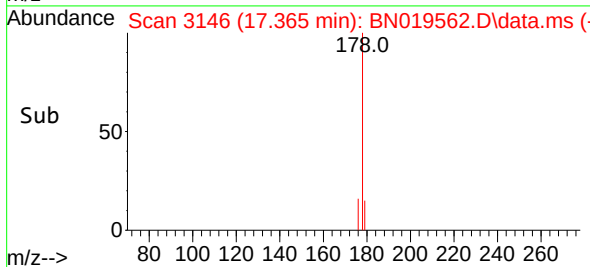
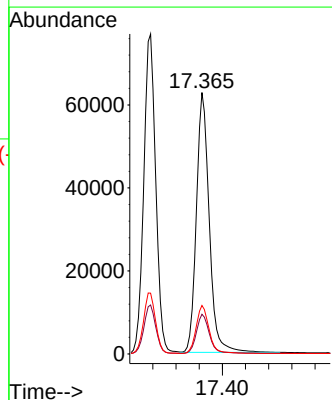
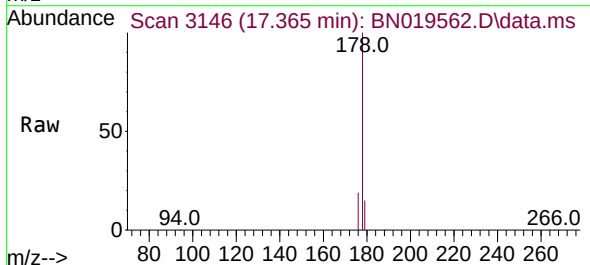
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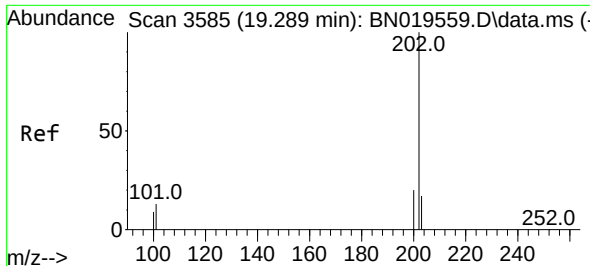
Tgt Ion:178 Resp: 110878
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.0 15.5 23.3



#16
Anthracene
Concen: 3.662 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:178 Resp: 96421
Ion Ratio Lower Upper
178 100
179 15.1 13.1 19.7
176 18.5 15.3 22.9

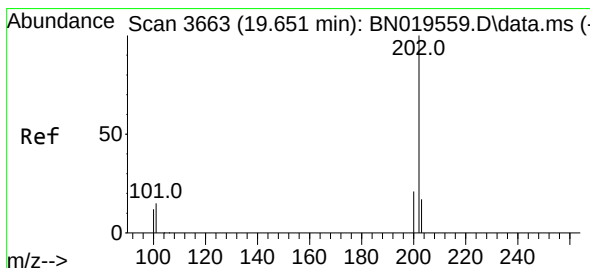
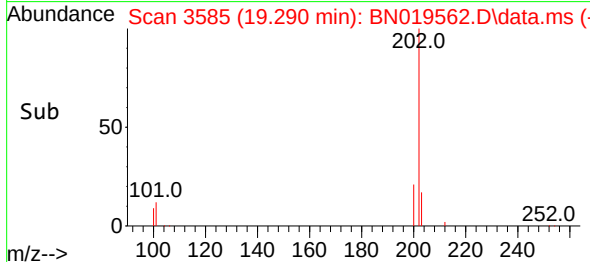
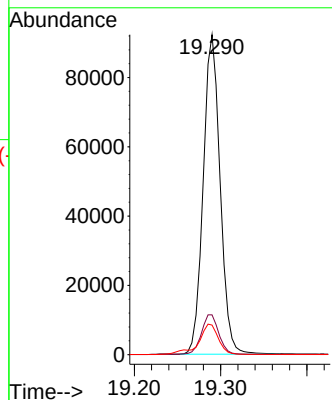
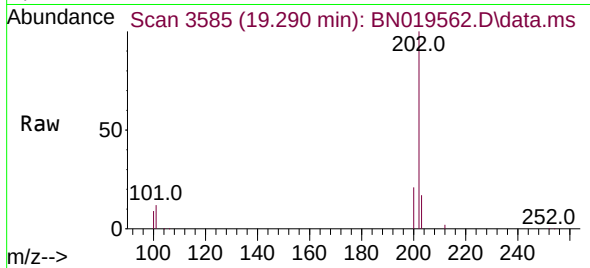




#19
Fluoranthene
Concen: 2.272 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

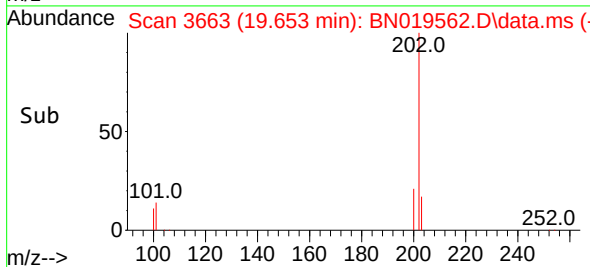
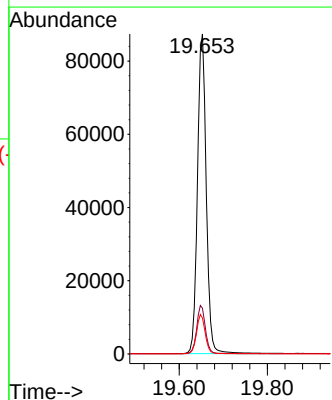
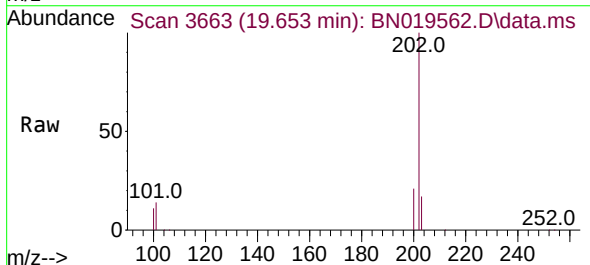
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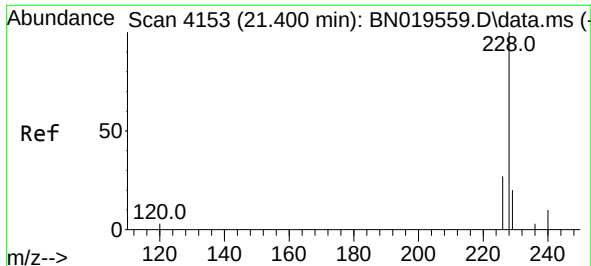
Tgt Ion:202 Resp: 125911
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.3 7.4 11.2



#20
Pyrene
Concen: 2.021 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:202 Resp: 121054
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.2 9.0 13.4

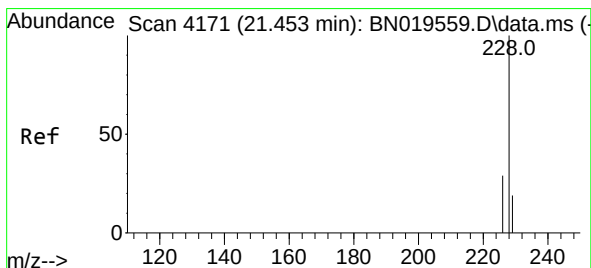
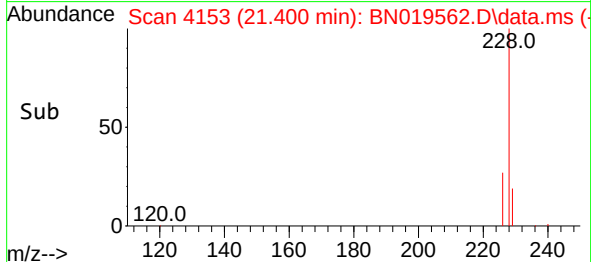
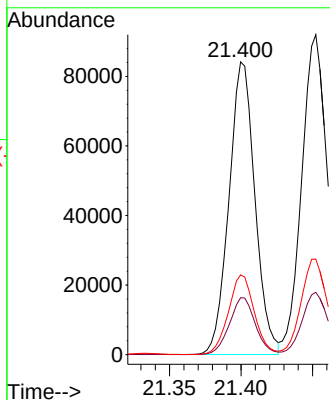
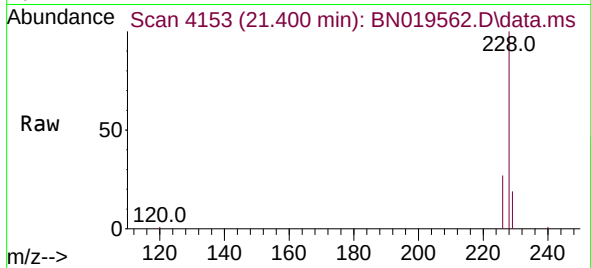




#21
Benzo(a)anthracene
Concen: 3.734 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

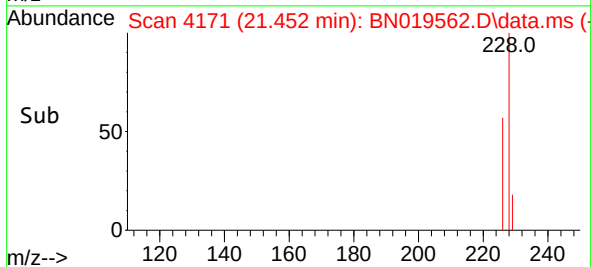
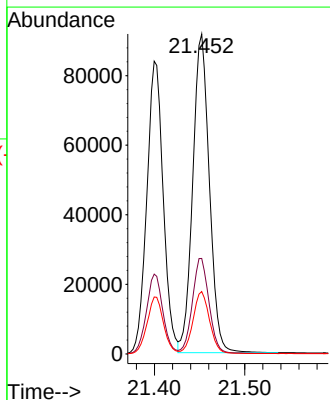
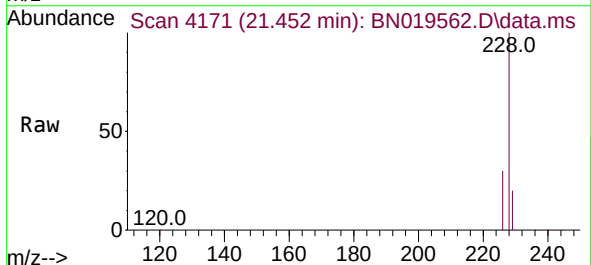
Instrument :
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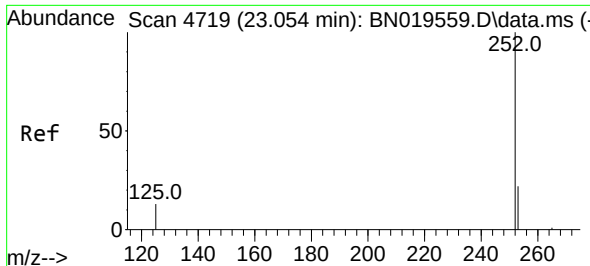
Tgt Ion:228 Resp: 106408
Ion Ratio Lower Upper
228 100
229 19.5 16.1 24.1
226 27.3 22.1 33.1



#22
Chrysene
Concen: 3.144 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:228 Resp: 116538
Ion Ratio Lower Upper
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226 29.8 24.2 36.2
229 19.5 16.0 24.0

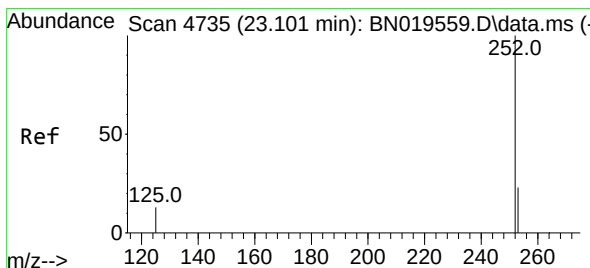
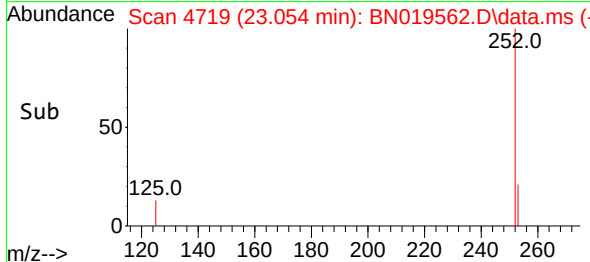
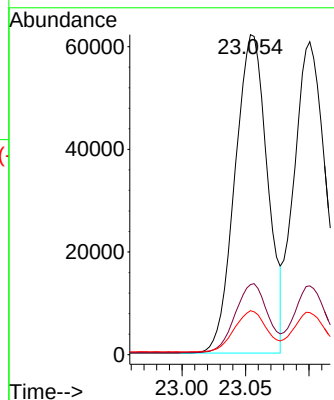
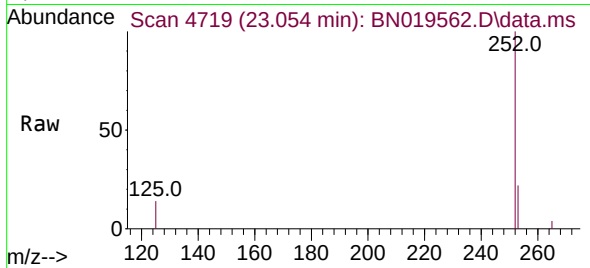




#24
Benzo(b)fluoranthene
Concen: 3.083 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

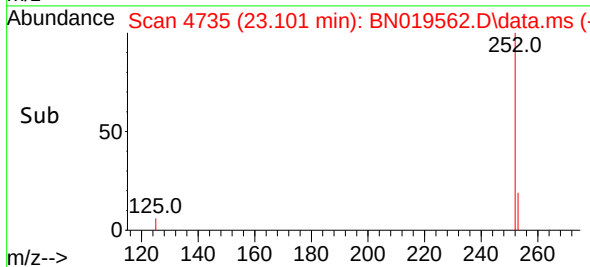
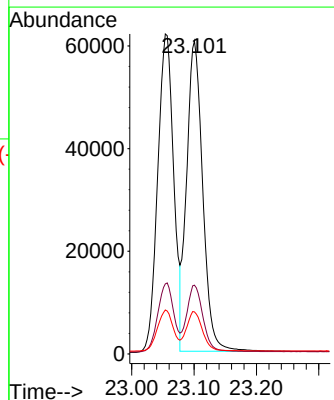
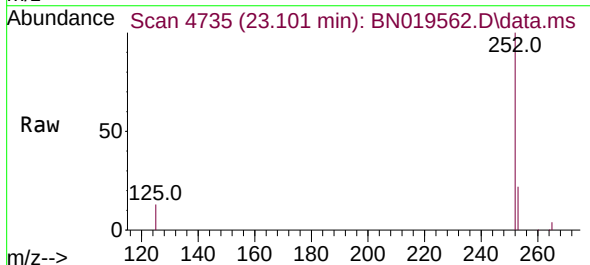
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

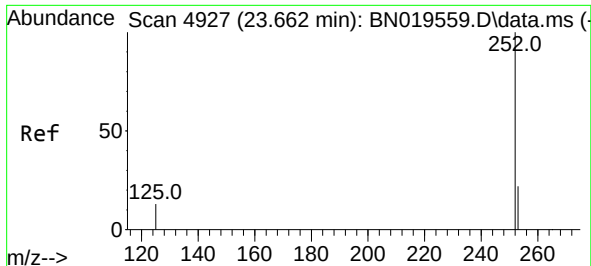
Tgt Ion:252 Resp: 110511
Ion Ratio Lower Upper
252 100
253 21.9 0.0 52.0
125 13.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 2.768 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.000 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:252 Resp: 108444
Ion Ratio Lower Upper
252 100
253 22.0 20.2 30.2
125 13.5 11.0 16.6

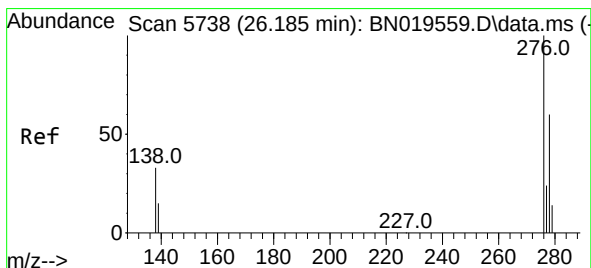
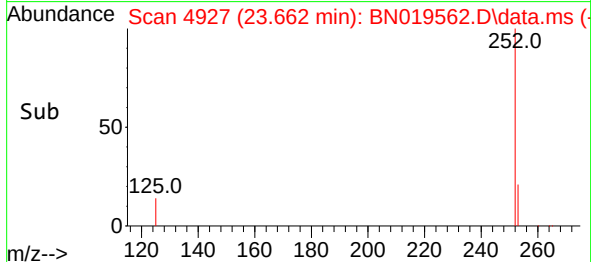
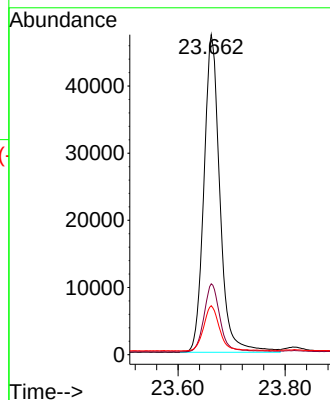
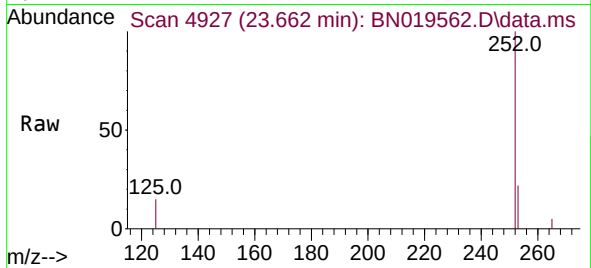




#26
Benzo(a)pyrene
Concen: 3.157 ng/ul
RT: 23.662 min Scan# 4927
Delta R.T. -0.000 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

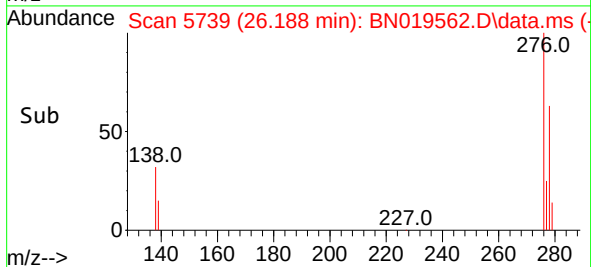
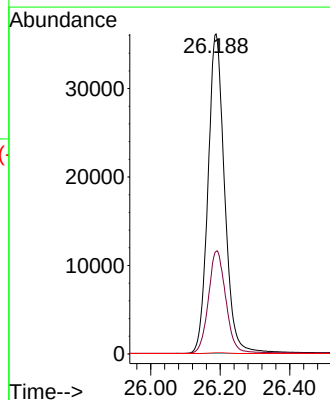
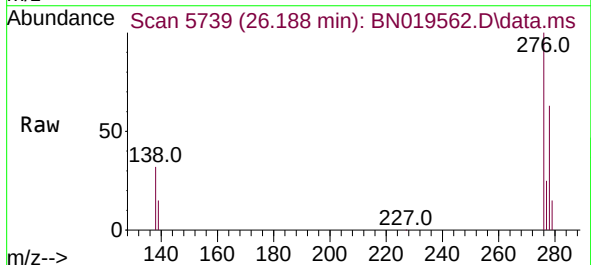
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

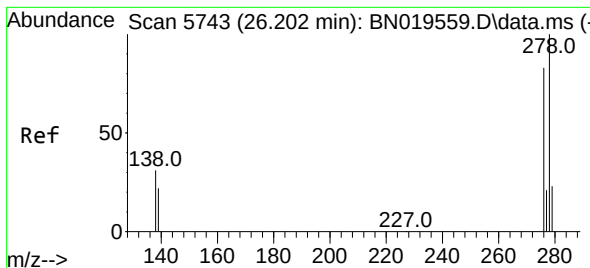
Tgt Ion:252 Resp: 98238
Ion Ratio Lower Upper
252 100
253 22.1 23.4 35.0#
125 15.3 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.781 ng/ul
RT: 26.188 min Scan# 5739
Delta R.T. 0.003 min
Lab File: BN019562.D
Acq: 28 Apr 2022 12:38

Tgt Ion:276 Resp: 119944
Ion Ratio Lower Upper
276 100
138 33.6 23.6 35.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 4.770 ng/ul

RT: 26.205 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN019562.D

Acq: 28 Apr 2022 12:38

Instrument :

BNA_N

ClientSampleId :

SSTD3.2235

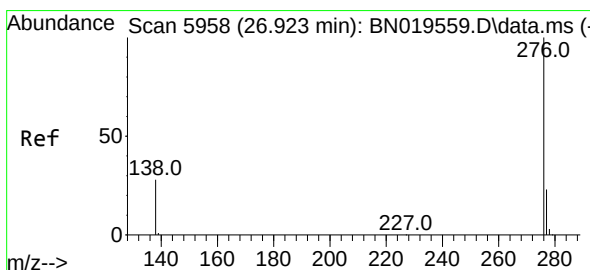
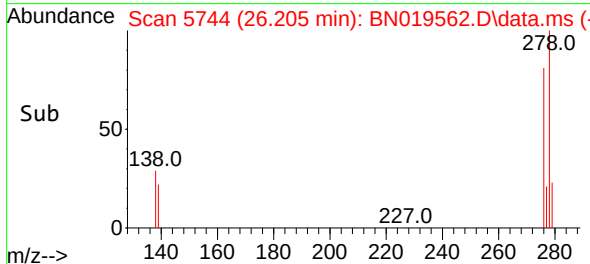
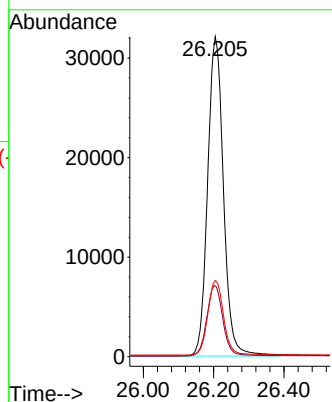
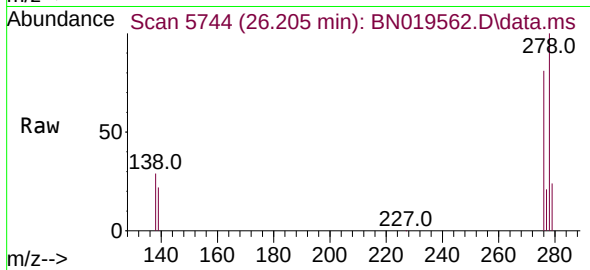
Tgt Ion:278 Resp: 100500

Ion Ratio Lower Upper

278 100

139 22.1 18.6 28.0

279 23.8 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 3.151 ng/ul

RT: 26.926 min Scan# 5959

Delta R.T. 0.003 min

Lab File: BN019562.D

Acq: 28 Apr 2022 12:38

Tgt Ion:276 Resp: 105854

Ion Ratio Lower Upper

276 100

138 28.5 20.9 31.3

277 23.7 20.4 30.6

