

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019557.D
 Acq On : 28 Apr 2022 09:39
 Operator : CG/JU
 Sample : SST0.130
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1230

Quant Time: Apr 28 12:56:55 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

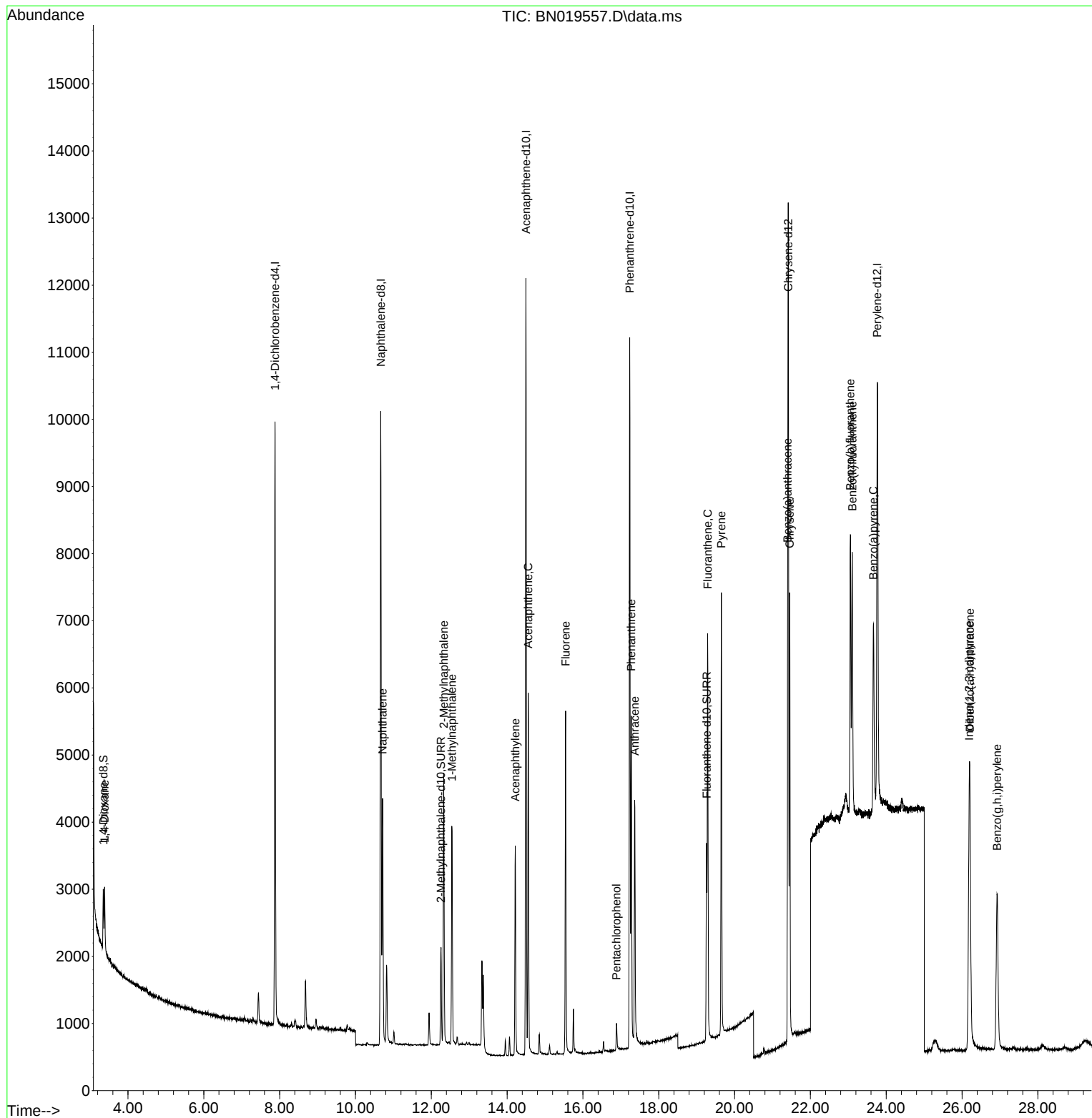
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	4919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	13436	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	12696	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	10835	0.400	ng/ul	# 0.00
23) Perylene-d12	23.764	264	9531	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	601	0.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1996	0.111	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	3351	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	635	0.104	ng/ul#	73
5) Naphthalene	10.716	128	5159	0.135	ng/ul	99
7) 2-Methylnaphthalene	12.328	142	3097	0.130	ng/ul#	100
8) 1-Methylnaphthalene	12.542	142	2414	0.094	ng/ul#	100
10) Acenaphthylene	14.215	152	3878	0.157	ng/ul	98
11) Acenaphthene	14.557	153	3158	0.130	ng/ul	98
12) Fluorene	15.543	166	3362	0.135	ng/ul	99
14) Pentachlorophenol	16.883	266	319	0.188	ng/ul	88
15) Phenanthrene	17.276	178	5496	0.127	ng/ul	96
16) Anthracene	17.365	178	4442	0.143	ng/ul	95
19) Fluoranthene	19.290	202	5674	0.094	ng/ul#	94
20) Pyrene	19.653	202	5802	0.089	ng/ul	95
21) Benzo(a)anthracene	21.400	228	4930	0.159	ng/ul	100
22) Chrysene	21.452	228	5729	0.142	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	5690	0.126	ng/ul	83
25) Benzo(k)fluoranthene	23.104	252	5407	0.109	ng/ul#	73
26) Benzo(a)pyrene	23.662	252	4629	0.118	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.188	276	5802	0.145	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.205	278	4789	0.180	ng/ul#	87
29) Benzo(g,h,i)perylene	26.926	276	5315	0.125	ng/ul#	90

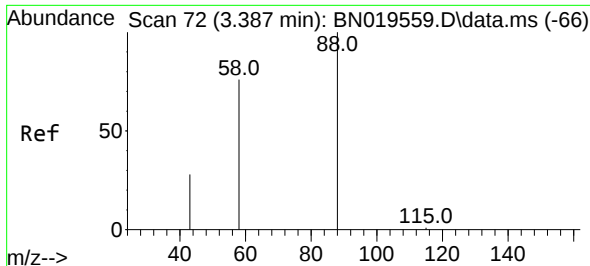
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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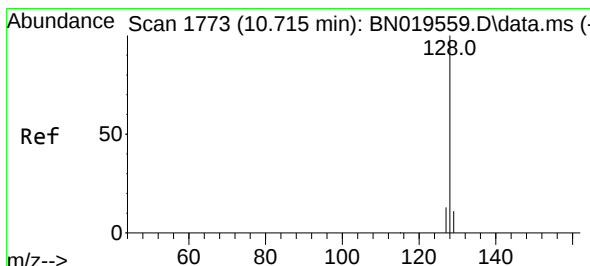
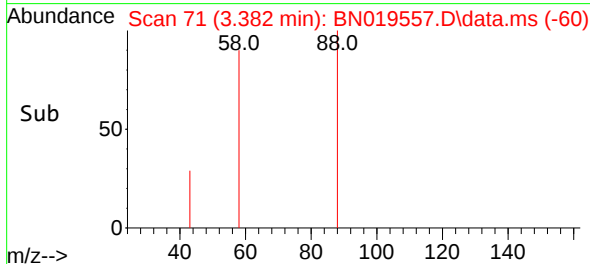
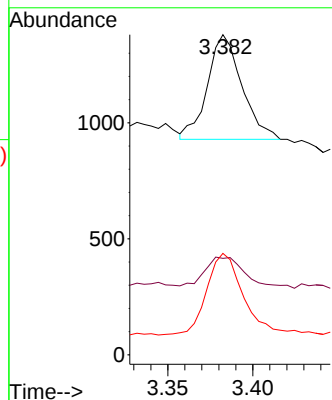
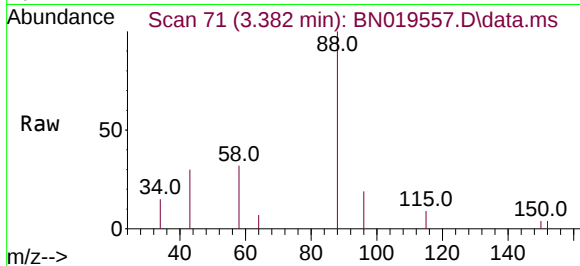




#2
1,4-Dioxane
Concen: 0.104 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

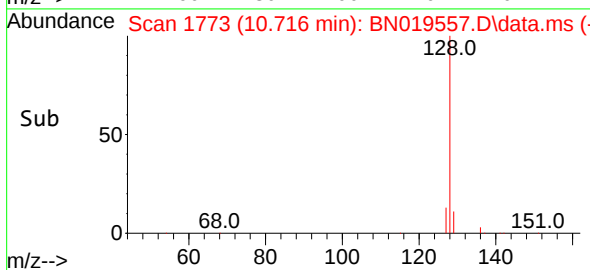
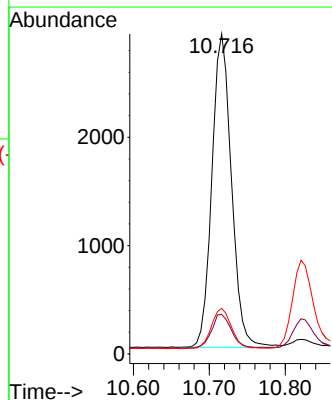
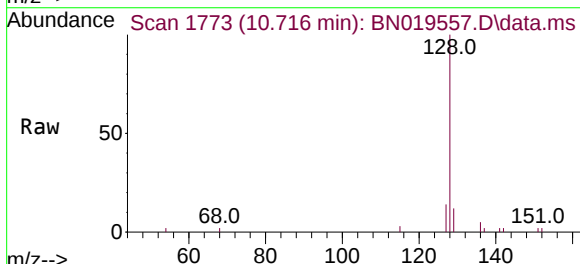
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

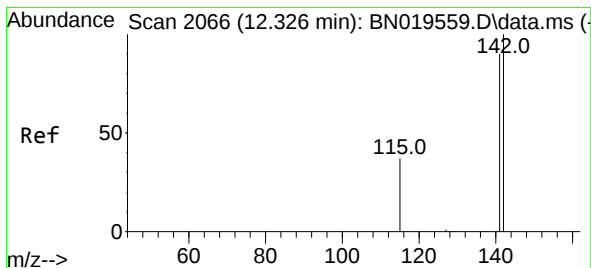
Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
43 30.1 39.0 58.4#
58 31.7 39.8 59.8#



#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

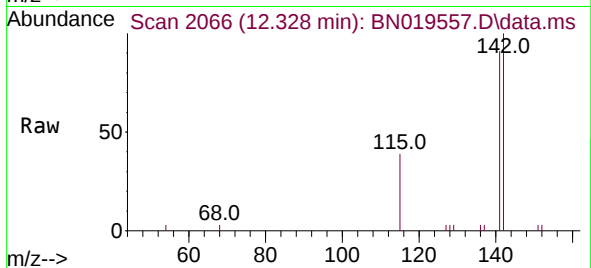
Tgt Ion: 128 Resp: 5159
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 14.2 11.0 16.4



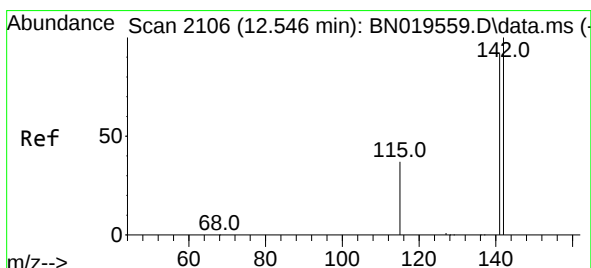
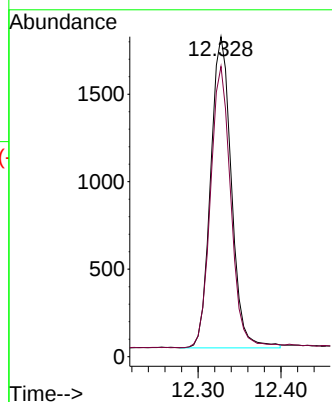
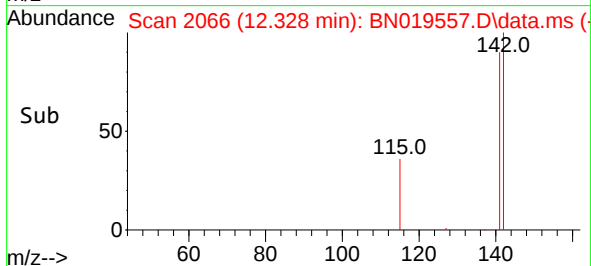


#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.328 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

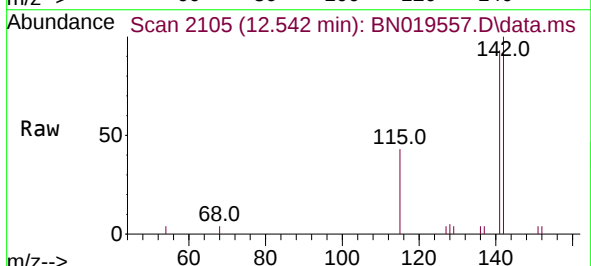
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230



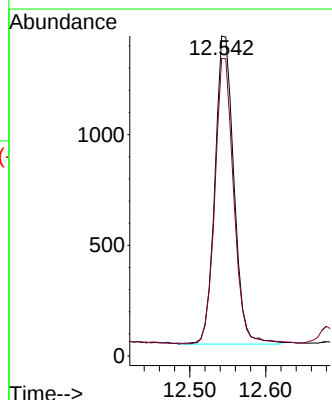
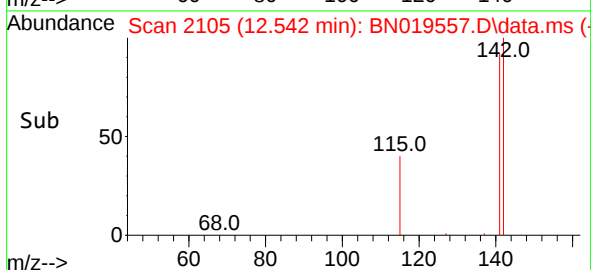
Tgt Ion:142 Resp: 3097
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#

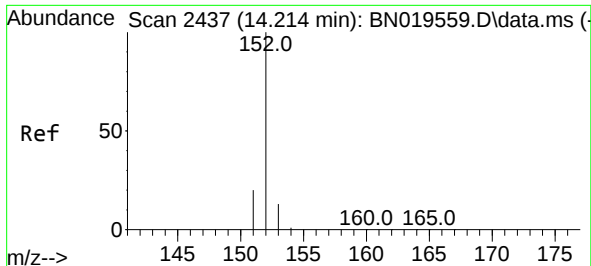


#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39



Tgt Ion:142 Resp: 2414
Ion Ratio Lower Upper
142 100
141 91.7 0.0 0.0#

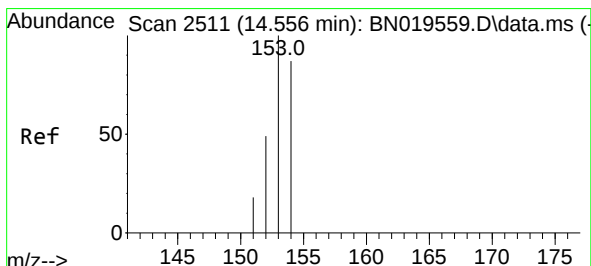
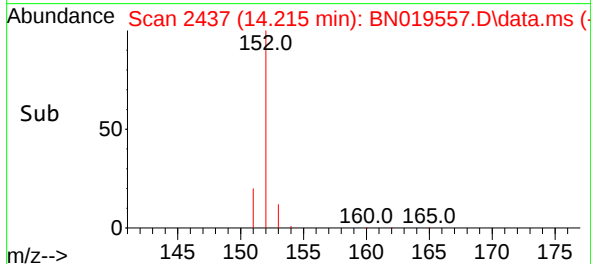
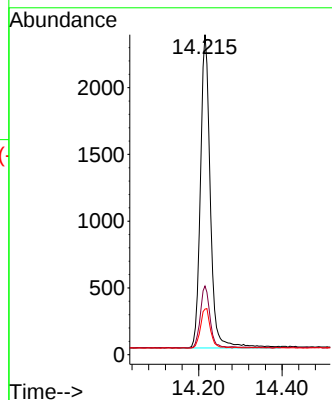
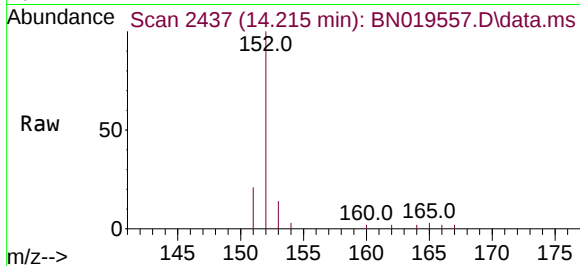




#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

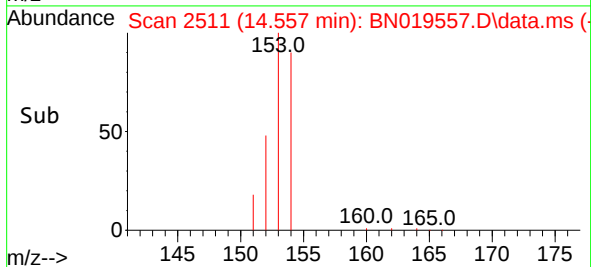
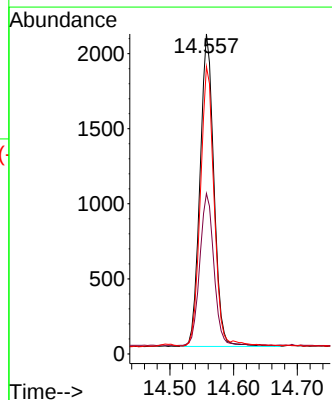
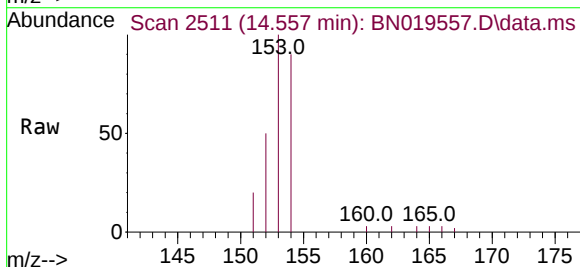
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

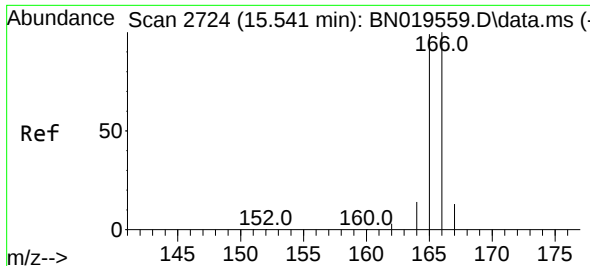
Tgt Ion:152	Resp:	3878
Ion Ratio	Lower	Upper
152	100	
151	21.4	16.3 24.5
153	14.2	11.1 16.7



#11
Acenaphthene
Concen: 0.130 ng/ul
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

Tgt Ion:153	Resp:	3158
Ion Ratio	Lower	Upper
153	100	
152	50.2	38.6 57.8
154	89.8	71.2 106.8

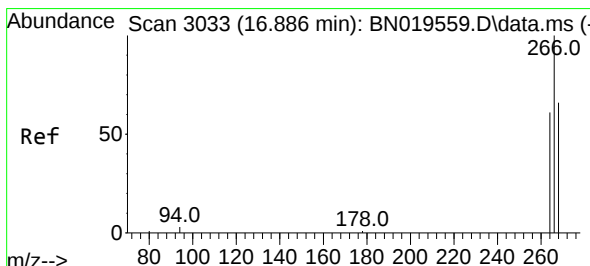
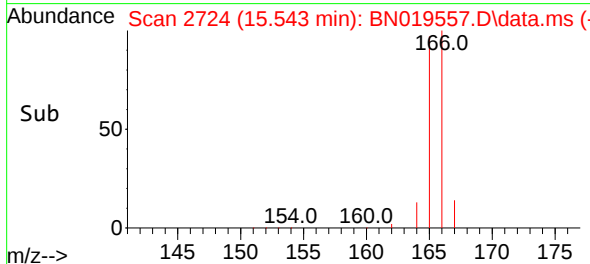
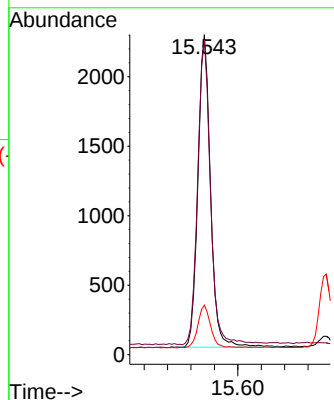
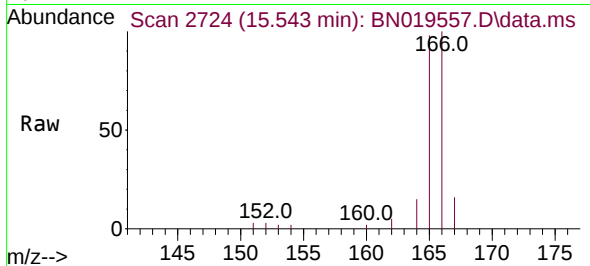




#12
Fluorene
Concen: 0.135 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

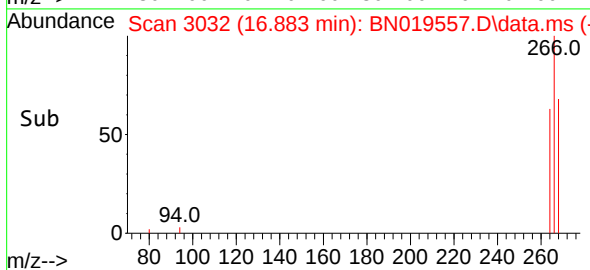
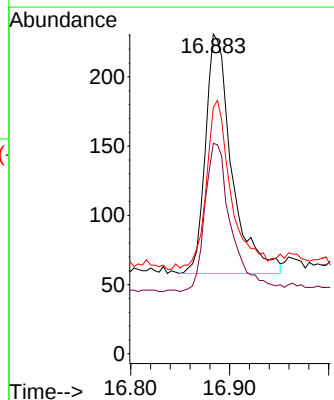
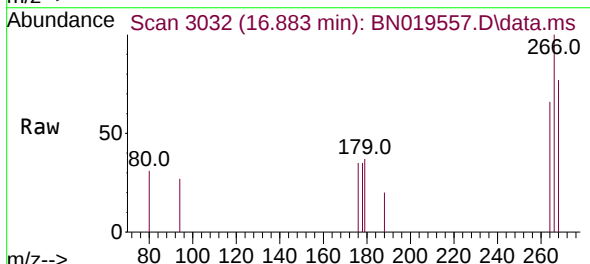
Instrument :
BNA_N
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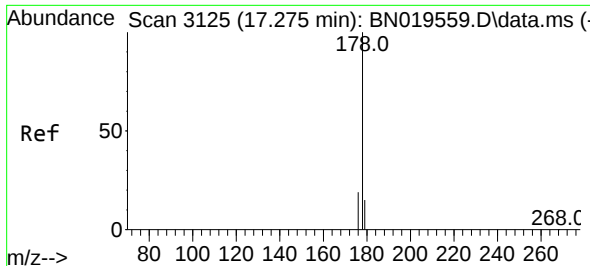
Tgt Ion:166 Resp: 3362
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 15.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.188 ng/ul
RT: 16.883 min Scan# 3032
Delta R.T. -0.003 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

Tgt Ion:266 Resp: 319
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 65.8 44.6 67.0

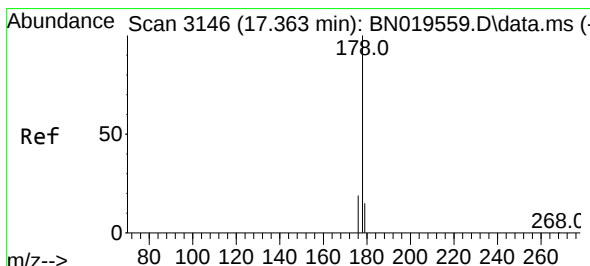
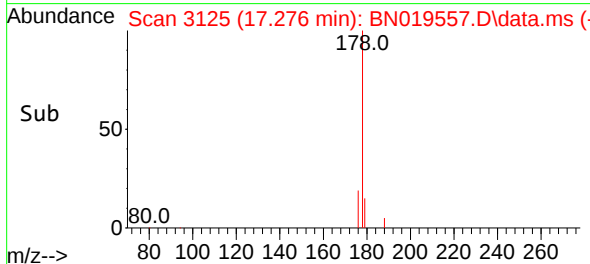
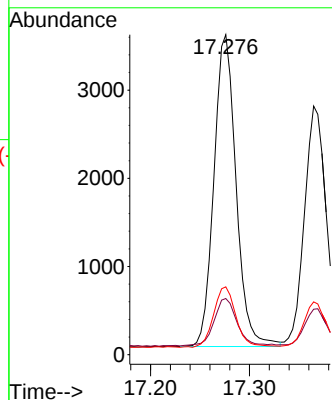
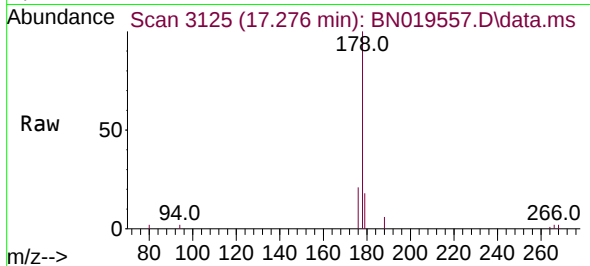




#15
Phenanthrene
Concen: 0.127 ng/ul
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

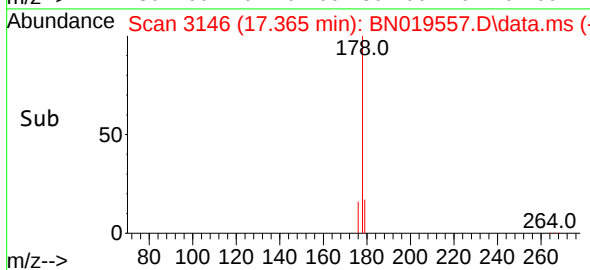
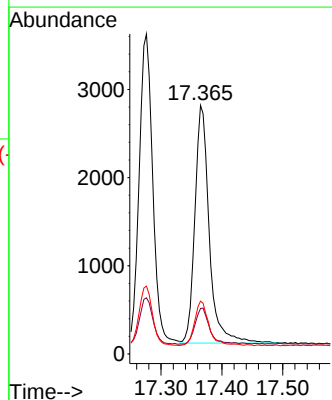
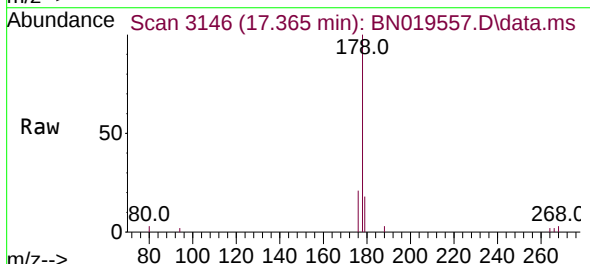
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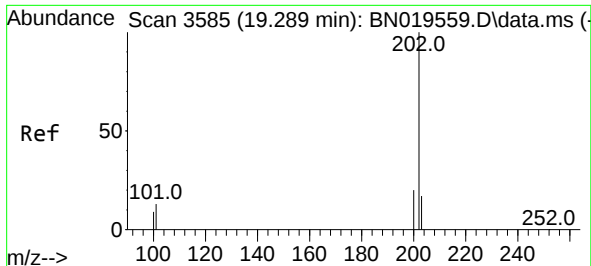
Tgt Ion:178 Resp: 5496
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 21.2 15.5 23.3



#16
Anthracene
Concen: 0.143 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

Tgt Ion:178 Resp: 4442
Ion Ratio Lower Upper
178 100
179 18.3 13.1 19.7
176 21.2 15.3 22.9

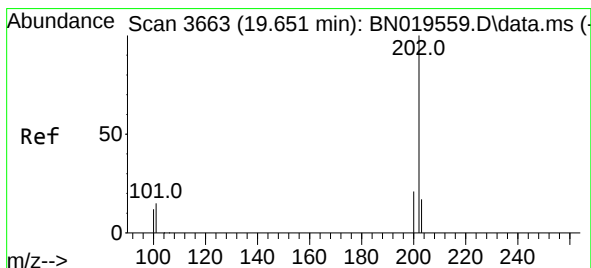
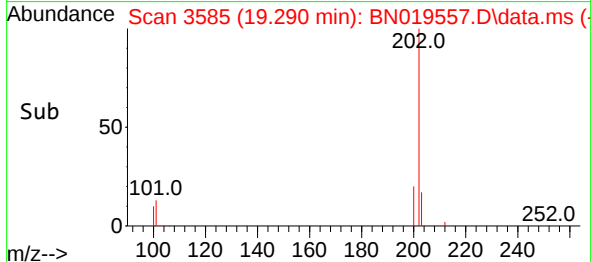
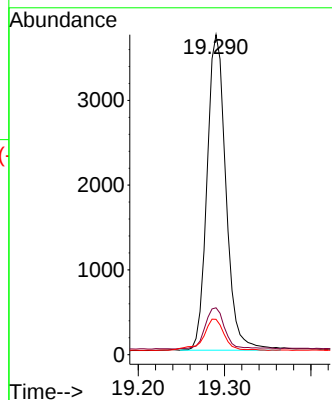
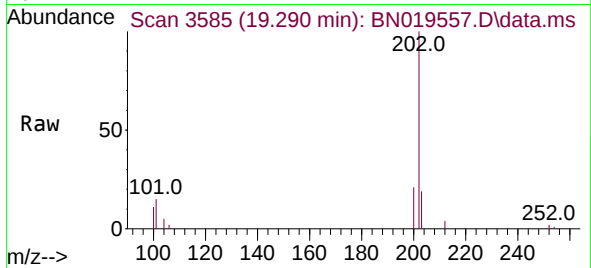




#19
Fluoranthene
Concen: 0.094 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

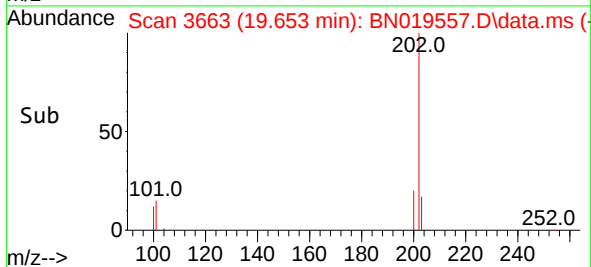
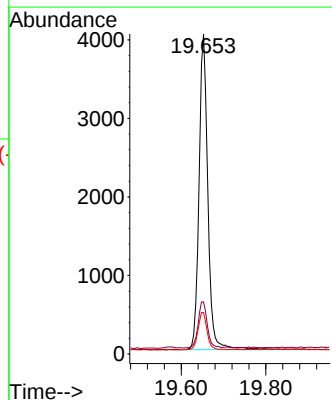
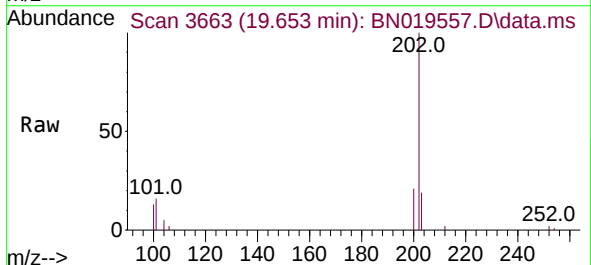
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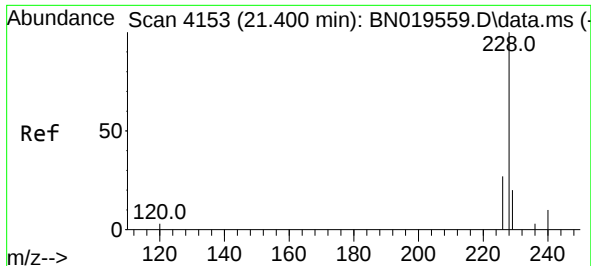
Tgt Ion:202 Resp: 5674
Ion Ratio Lower Upper
202 100
101 14.7 9.7 14.5#
100 11.1 7.4 11.2



#20
Pyrene
Concen: 0.089 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

Tgt Ion:202 Resp: 5802
Ion Ratio Lower Upper
202 100
101 16.3 11.4 17.0
100 13.0 9.0 13.4

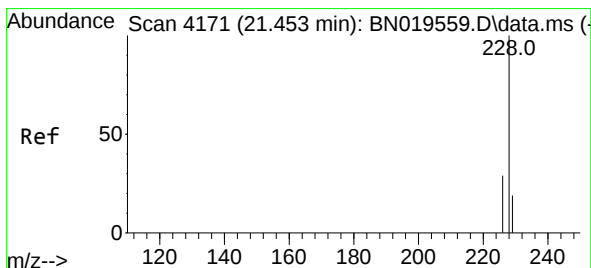
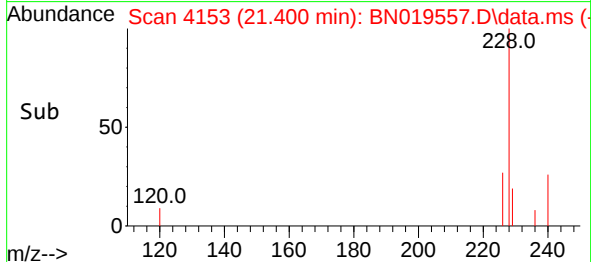
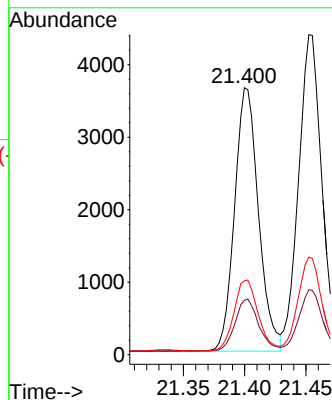
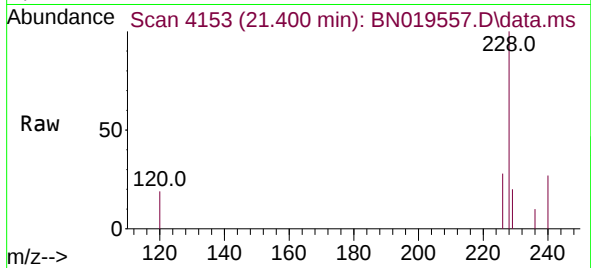




#21
Benzo(a)anthracene
Concen: 0.159 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

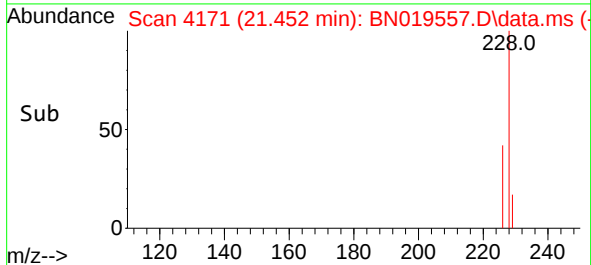
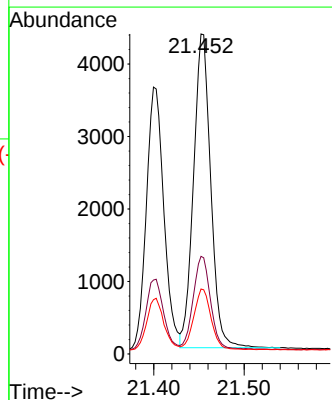
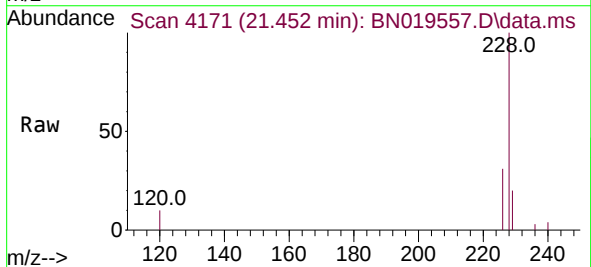
Instrument :
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SSTD0.1230

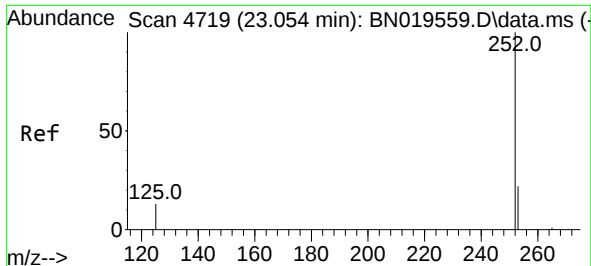
Tgt Ion:228 Resp: 4930
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.142 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

Tgt Ion:228 Resp: 5729
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.3 16.0 24.0

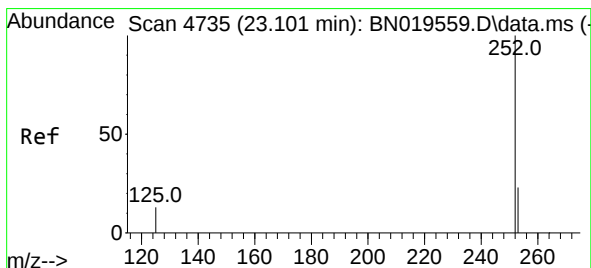
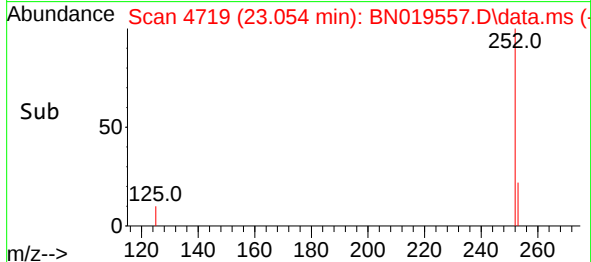
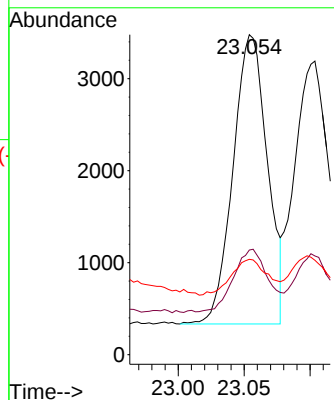
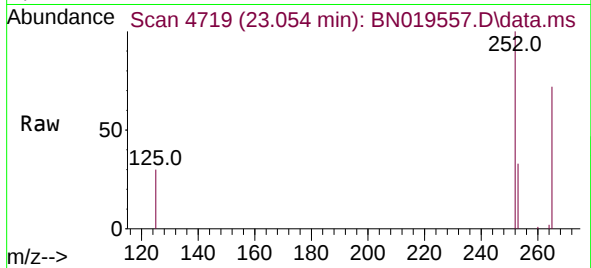




#24
Benzo(b)fluoranthene
Concen: 0.126 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

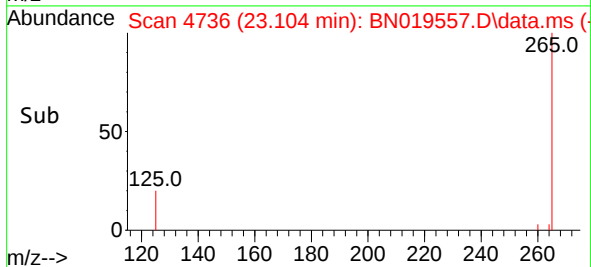
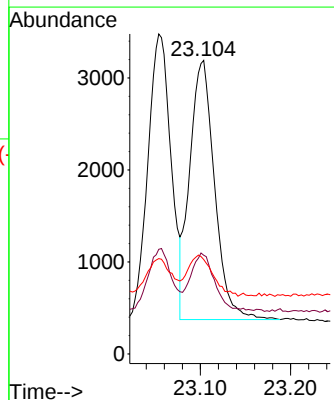
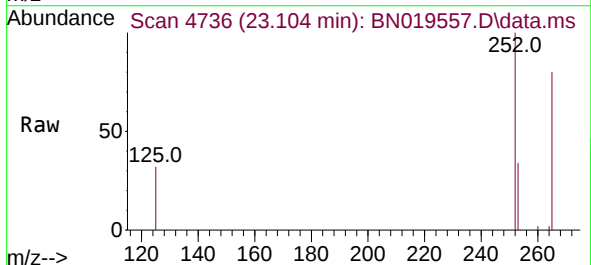
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

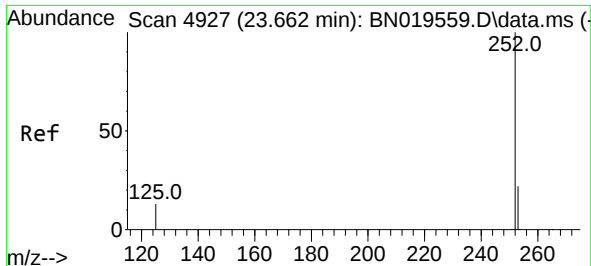
Tgt Ion:252 Resp: 5690
Ion Ratio Lower Upper
252 100
253 32.7 0.0 52.0
125 29.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. 0.003 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

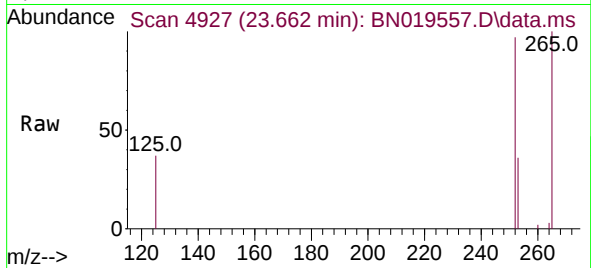
Tgt Ion:252 Resp: 5407
Ion Ratio Lower Upper
252 100
253 33.7 20.2 30.2#
125 32.2 11.0 16.6#



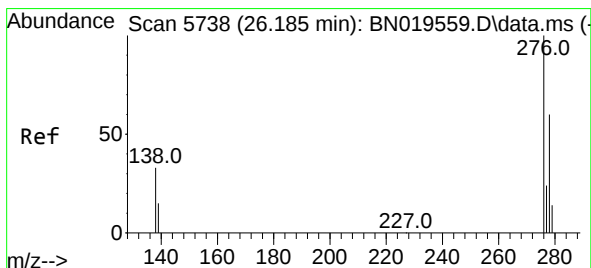
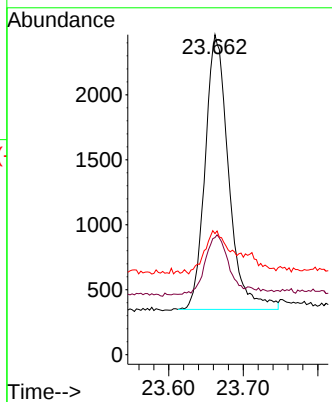
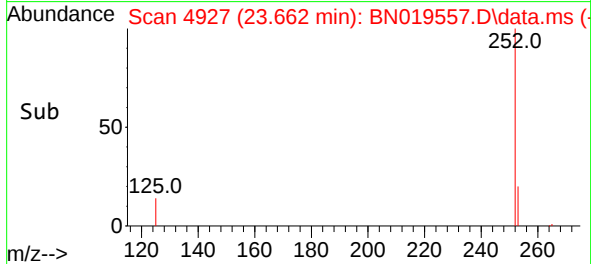


#26
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.662 min Scan# 4927
Delta R.T. -0.000 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39

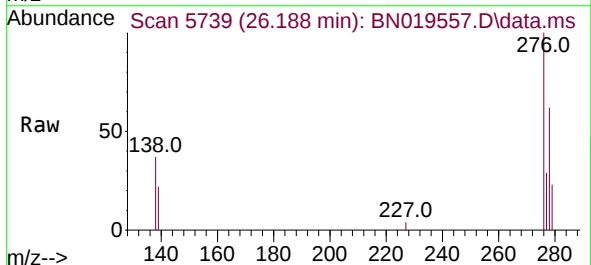
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230



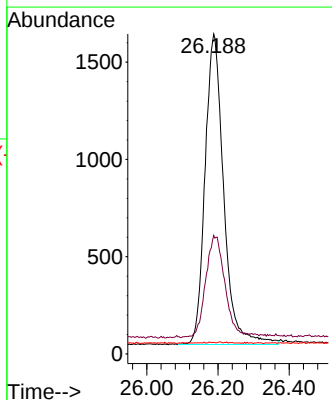
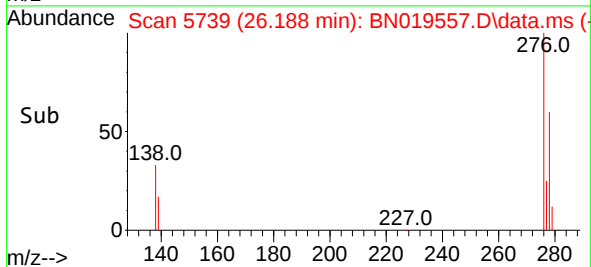
Tgt Ion:252 Resp: 4629
Ion Ratio Lower Upper
252 100
253 36.6 23.4 35.0#
125 37.8 28.3 42.5

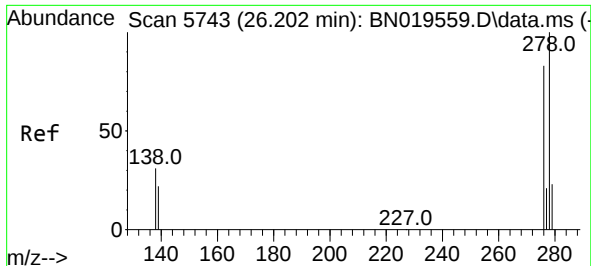


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 26.188 min Scan# 5739
Delta R.T. 0.003 min
Lab File: BN019557.D
Acq: 28 Apr 2022 09:39



Tgt Ion:276 Resp: 5802
Ion Ratio Lower Upper
276 100
138 34.4 23.6 35.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.180 ng/ul

RT: 26.205 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN019557.D

Acq: 28 Apr 2022 09:39

Instrument :

BNA_N

ClientSampleId :

SSTD0.1230

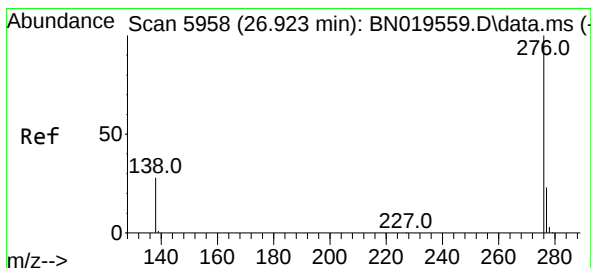
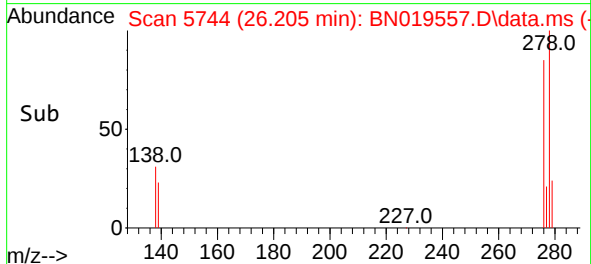
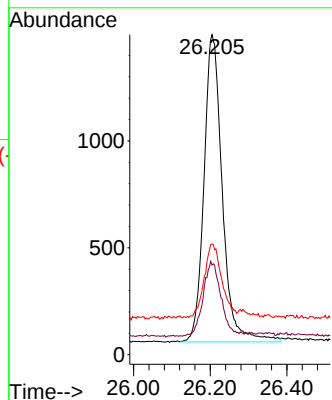
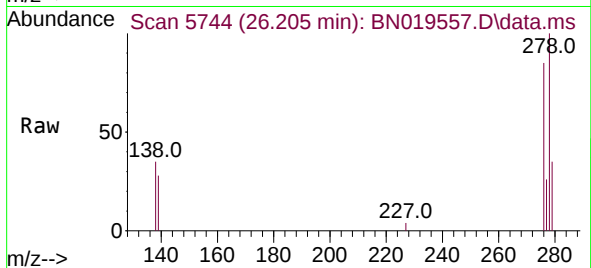
Tgt Ion:278 Resp: 4789

Ion Ratio Lower Upper

278 100

139 28.0 18.6 28.0#

279 34.6 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.125 ng/ul

RT: 26.926 min Scan# 5959

Delta R.T. 0.003 min

Lab File: BN019557.D

Acq: 28 Apr 2022 09:39

Tgt Ion:276 Resp: 5315

Ion Ratio Lower Upper

276 100

138 33.1 20.9 31.3#

277 28.4 20.4 30.6

