

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
 Data File : BN018652.D
 Acq On : 18 Feb 2022 12:26
 Operator : CG/JU
 Sample : SSTD1.647
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

Quant Time: Feb 18 12:58:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 12:39:26 2022
 Response via : Initial Calibration

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

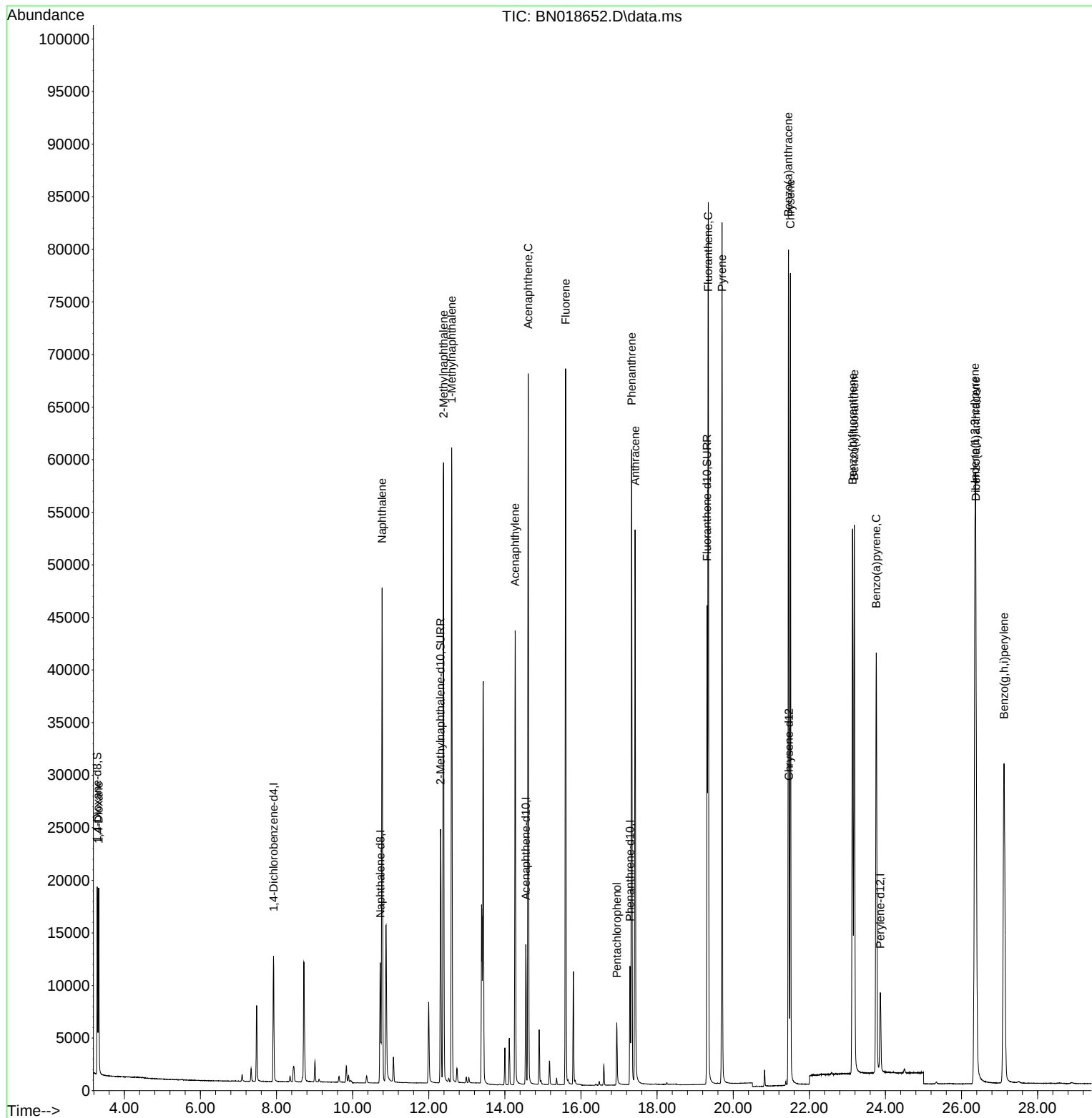
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6173	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	15148	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.552	164	7241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	13046	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.468	240	11430	0.400	ng/ul	# 0.00
23) Perylene-d12	23.867	264	10644	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	10644	1.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	31056	1.504	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	50070	1.533	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	11088	1.447	ng/ul#	72
5) Naphthalene	10.776	128	63918	1.516	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	41351	1.539	ng/ul	100
8) 1-Methylnaphthalene	12.601	142	40527	1.468	ng/ul	99
10) Acenaphthylene	14.269	152	49658	1.726	ng/ul	99
11) Acenaphthene	14.612	153	39058	1.544	ng/ul	99
12) Fluorene	15.597	166	42393	1.551	ng/ul	99
14) Pentachlorophenol	16.942	266	4165	1.713	ng/ul	99
15) Phenanthrene	17.330	178	63778	1.494	ng/ul	100
16) Anthracene	17.423	178	58589	1.712	ng/ul	99
19) Fluoranthene	19.345	202	70649	1.557	ng/ul	96
20) Pyrene	19.707	202	70941	1.519	ng/ul	97
21) Benzo(a)anthracene	21.450	228	64295	1.766	ng/ul	100
22) Chrysene	21.505	228	66138	1.487	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	69313	1.482	ng/ul	97
25) Benzo(k)fluoranthene	23.183	252	68948	1.408	ng/ul#	97
26) Benzo(a)pyrene	23.759	252	61624	1.632	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.353	276	79713	1.599	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.376	278	62595	1.607	ng/ul#	96
29) Benzo(g,h,i)perylene	27.118	276	67548	1.522	ng/ul#	94

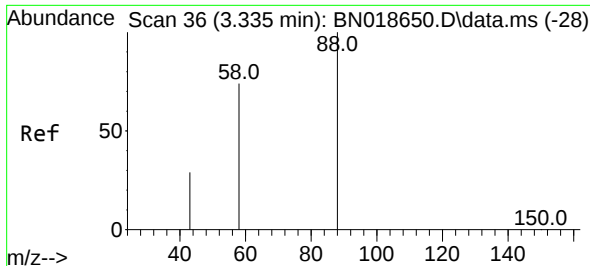
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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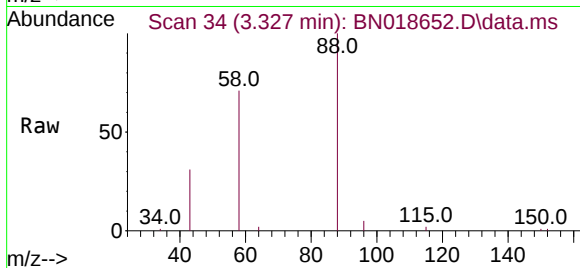
Quant Time: Feb 18 12:58:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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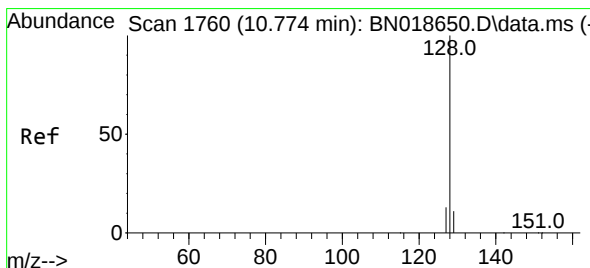
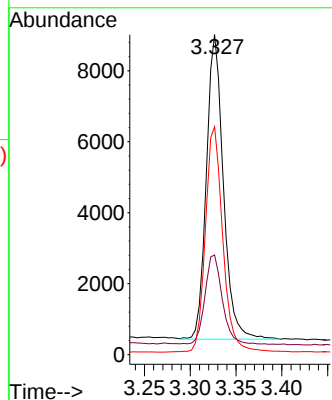
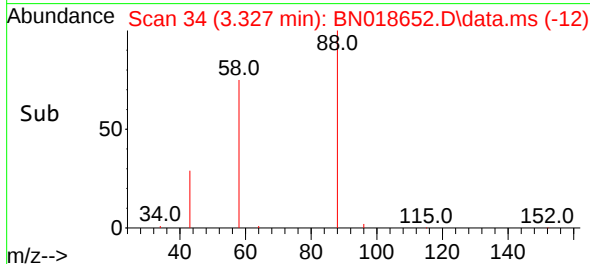


#2
1,4-Dioxane
Concen: 1.447 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Instrument :
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ClientSampleId :
SSTD1.6206

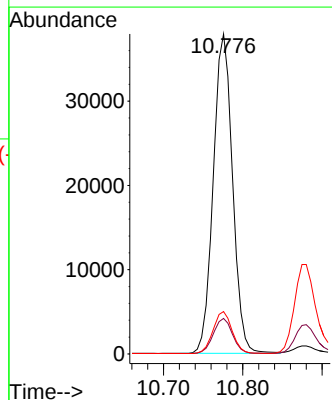
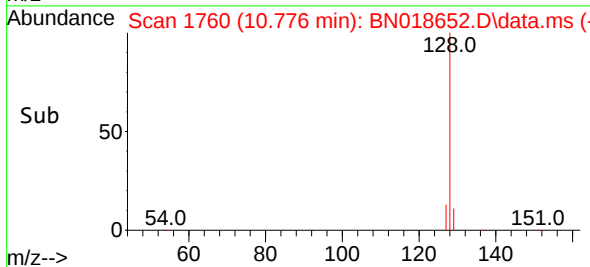
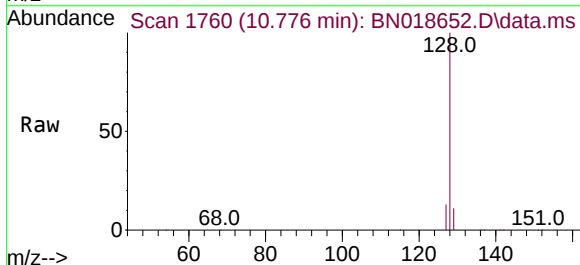


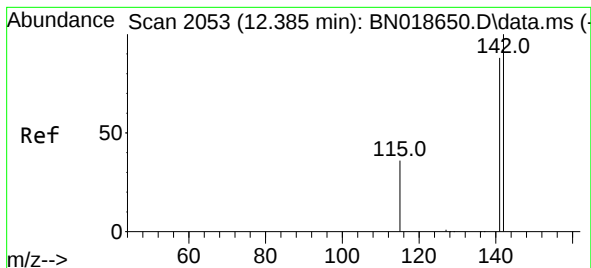
Tgt Ion: 88 Resp: 11088
Ion Ratio Lower Upper
88 100
43 31.1 47.8 71.8#
58 71.3 46.2 69.2#



#5
Naphthalene
Concen: 1.516 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:128 Resp: 63918
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.2 11.0 16.6

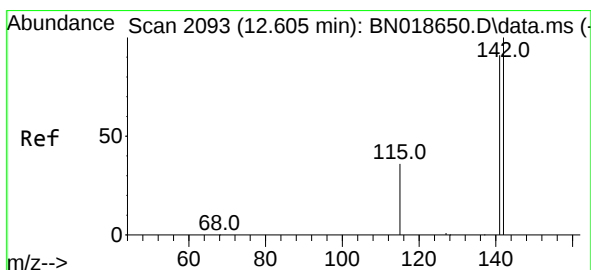
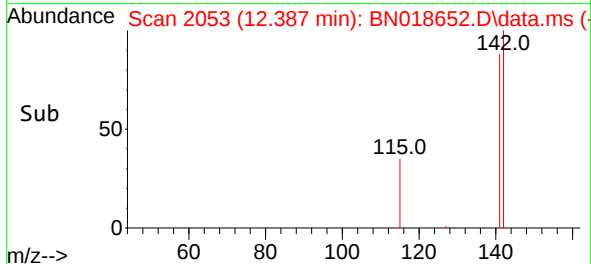
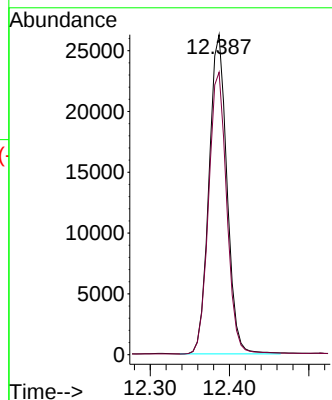
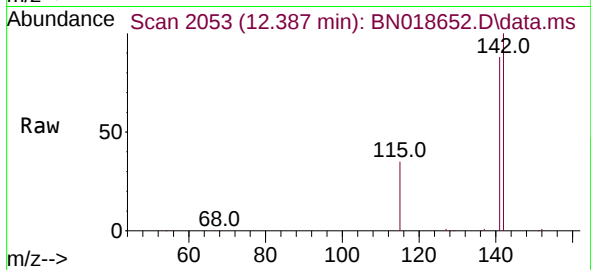




#7
2-Methylnaphthalene
Concen: 1.539 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

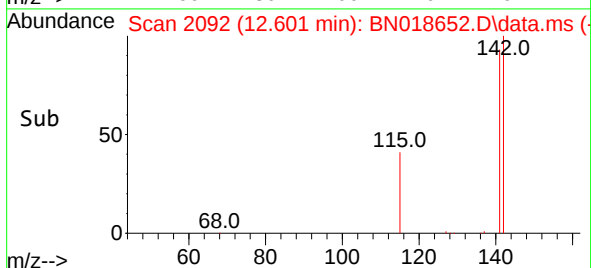
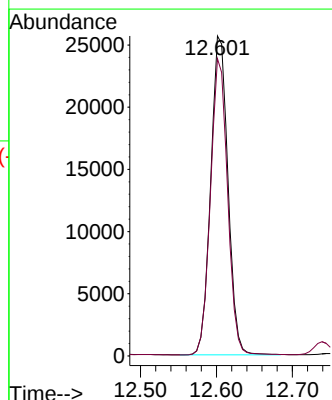
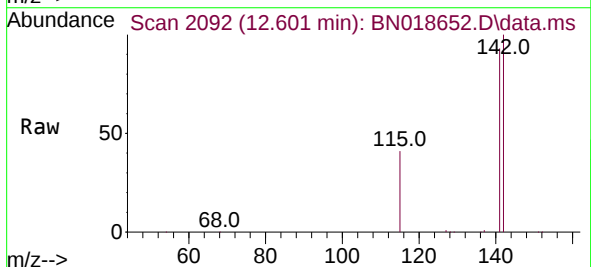
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

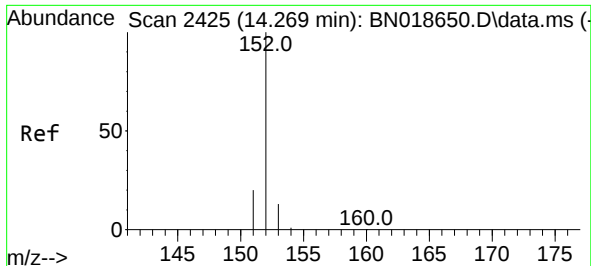
Tgt Ion:142 Resp: 41351
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 1.468 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:142 Resp: 40527
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

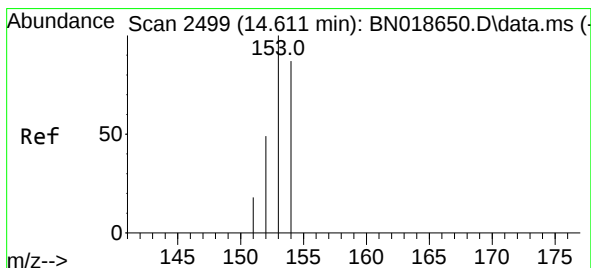
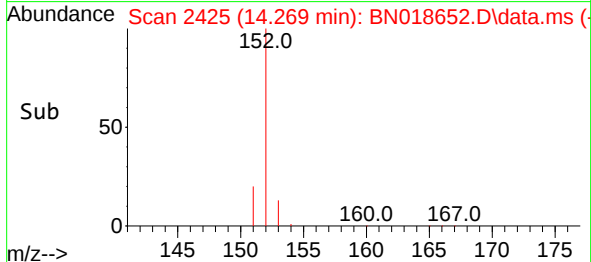
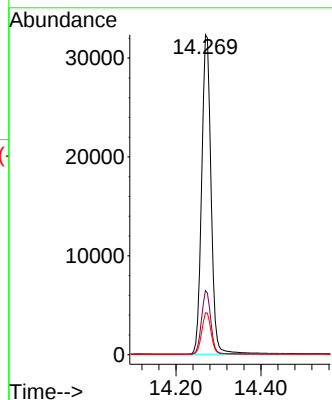
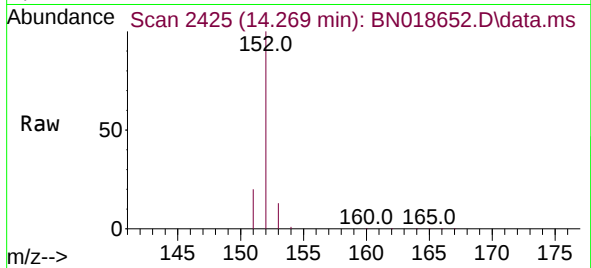




#10
Acenaphthylene
Concen: 1.726 ng/ul
RT: 14.269 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

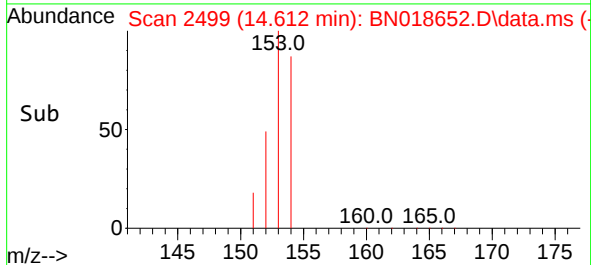
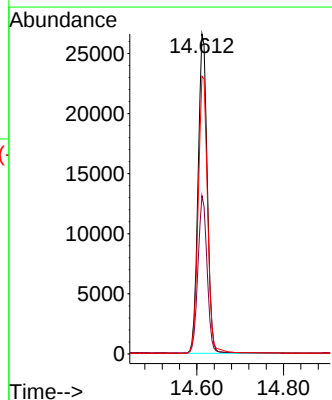
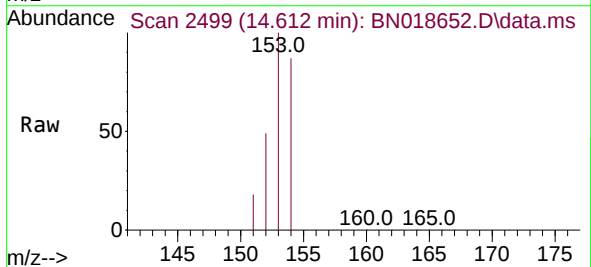
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

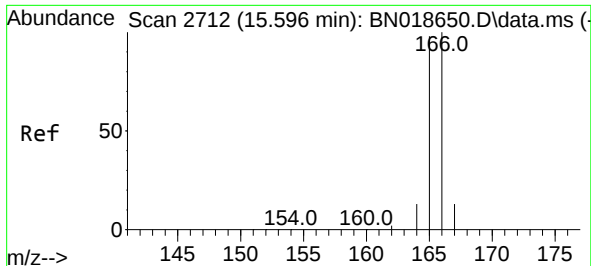
Tgt Ion:152 Resp: 49658
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 1.544 ng/ul
RT: 14.612 min Scan# 2499
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:153 Resp: 39058
Ion Ratio Lower Upper
153 100
152 49.4 39.7 59.5
154 86.7 70.9 106.3

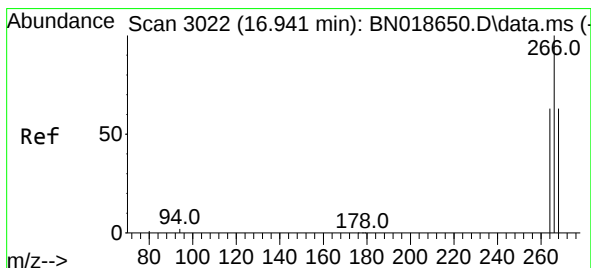
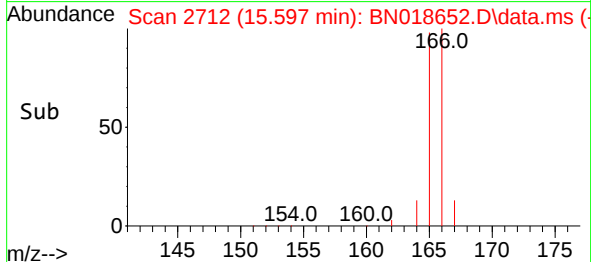
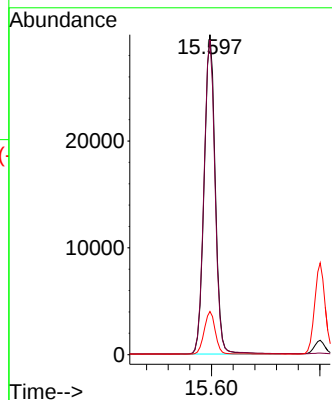
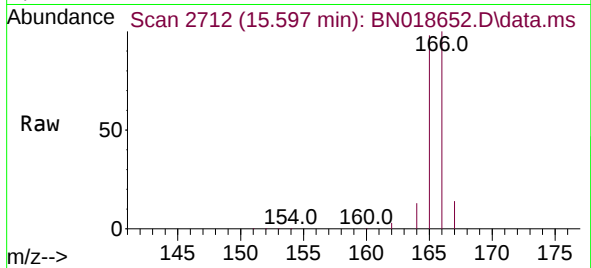




#12
Fluorene
Concen: 1.551 ng/ul
RT: 15.597 min Scan# 2712
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

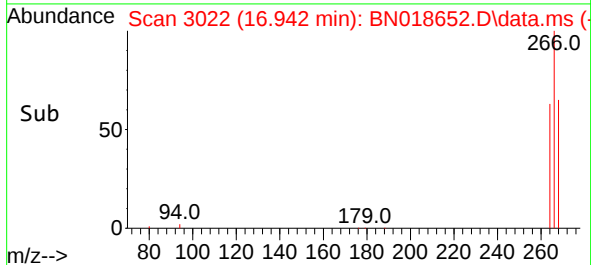
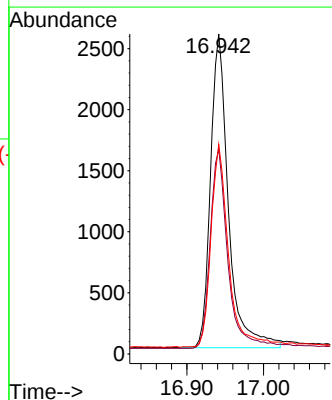
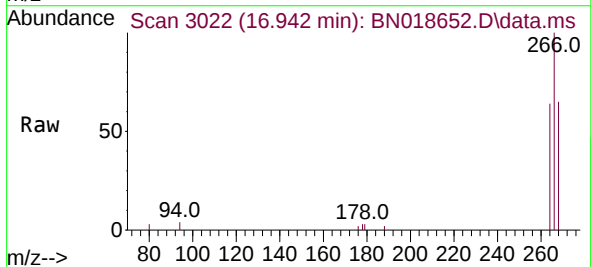
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

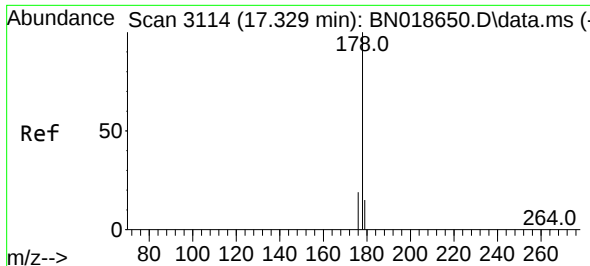
Tgt Ion:166 Resp: 42393
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.6
167 13.5 11.6 17.4



#14
Pentachlorophenol
Concen: 1.713 ng/ul
RT: 16.942 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:266 Resp: 4165
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 63.6 51.7 77.5

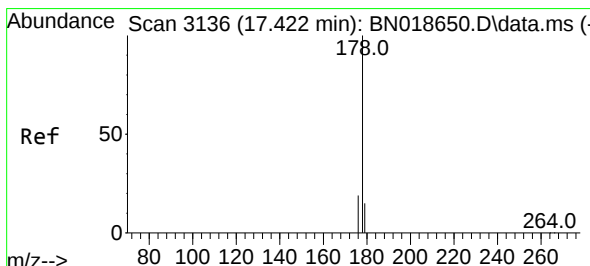
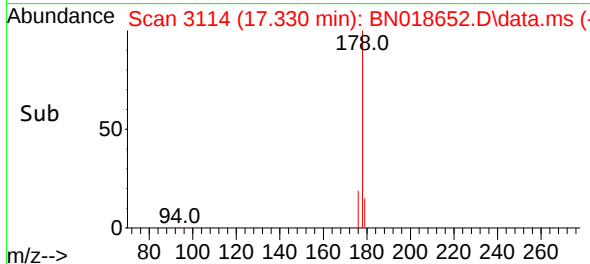
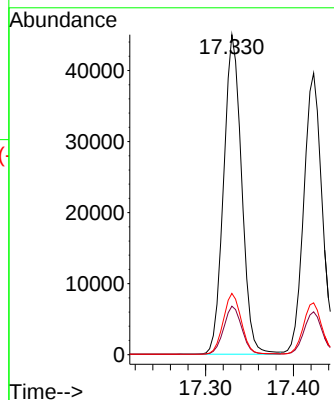
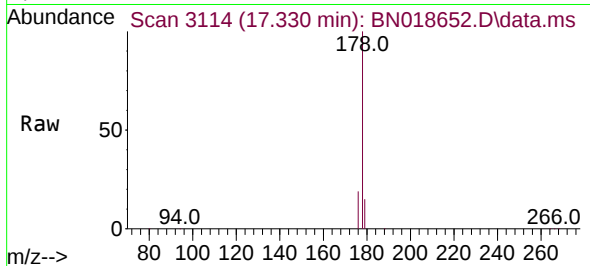




#15
Phenanthrene
Concen: 1.494 ng/ul
RT: 17.330 min Scan# 3114
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

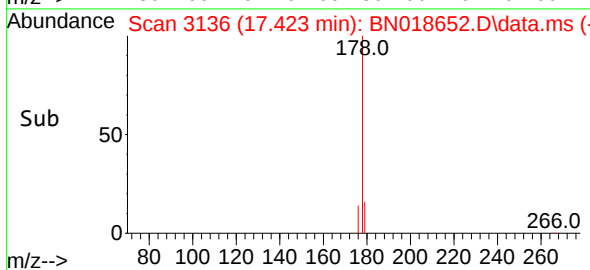
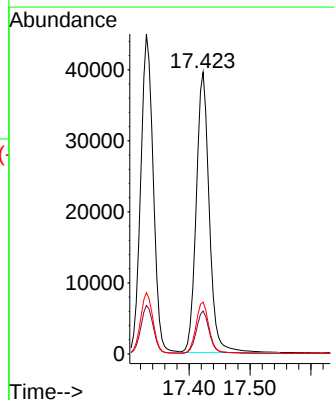
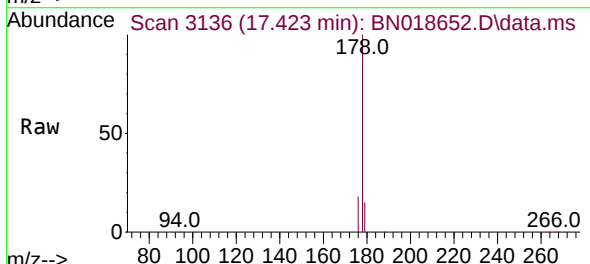
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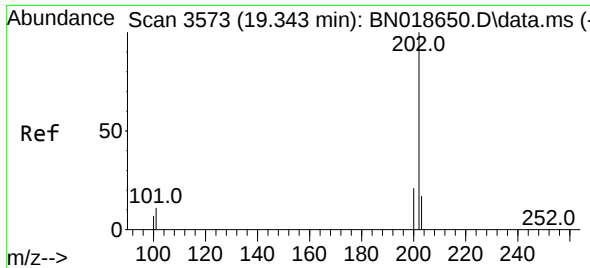
Tgt Ion:178 Resp: 63778
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.2 15.4 23.2



#16
Anthracene
Concen: 1.712 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:178 Resp: 58589
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.4 15.5 23.3

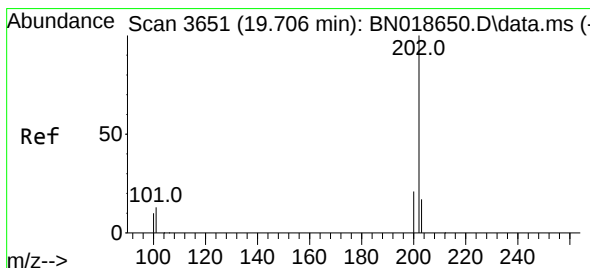
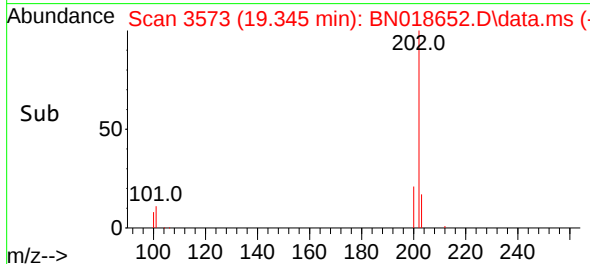
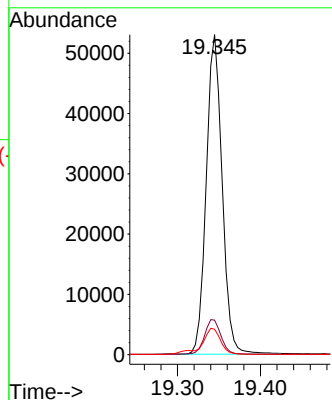
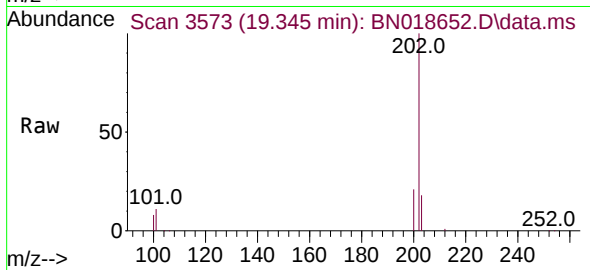




#19
Fluoranthene
Concen: 1.557 ng/ul
RT: 19.345 min Scan# 3573
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

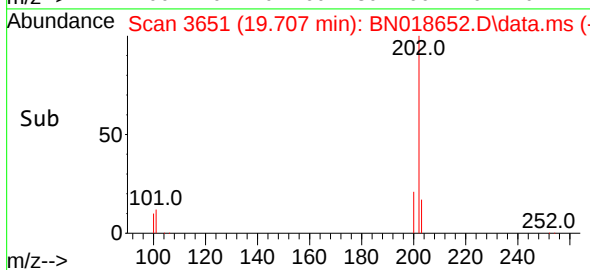
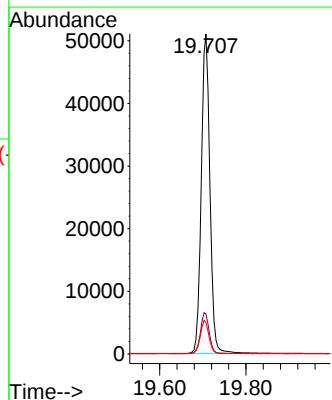
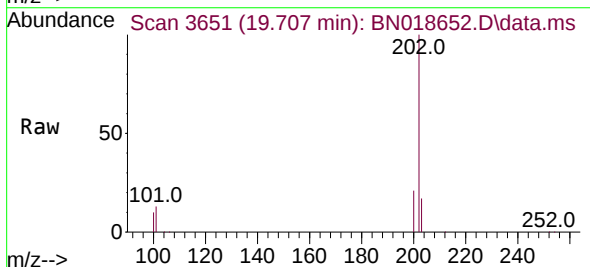
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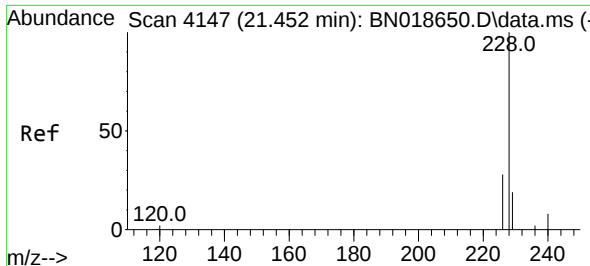
Tgt Ion:202 Resp: 70649
Ion Ratio Lower Upper
202 100
101 10.8 7.5 11.3
100 8.0 5.4 8.2



#20
Pyrene
Concen: 1.519 ng/ul
RT: 19.707 min Scan# 3651
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:202 Resp: 70941
Ion Ratio Lower Upper
202 100
101 12.5 9.0 13.4
100 9.8 7.0 10.4

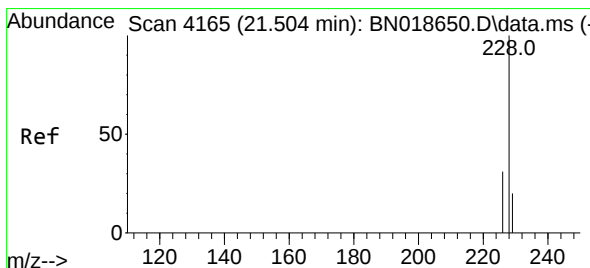
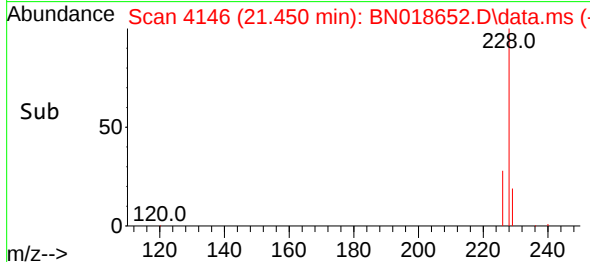
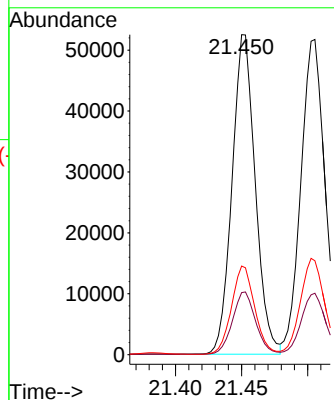
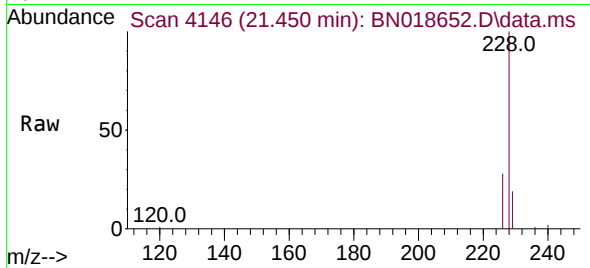




#21
Benzo(a)anthracene
Concen: 1.766 ng/ul
RT: 21.450 min Scan# 4147
Delta R.T. -0.002 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

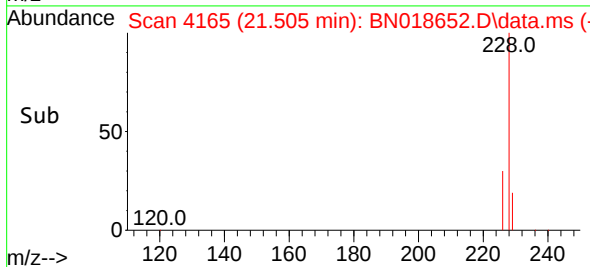
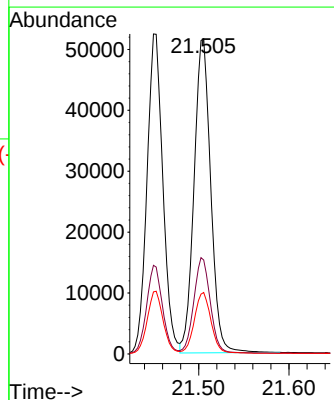
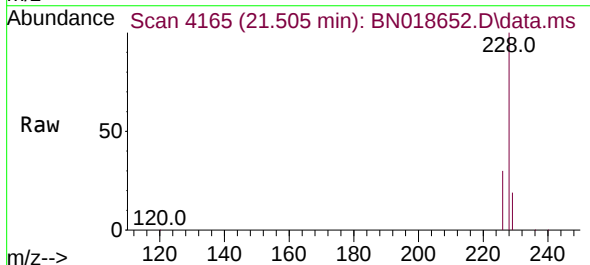
Instrument :
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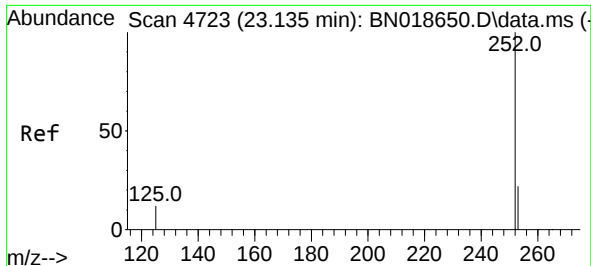
Tgt Ion:228 Resp: 64295
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.7 22.1 33.1



#22
Chrysene
Concen: 1.487 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:228 Resp: 66138
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 19.5 15.7 23.5

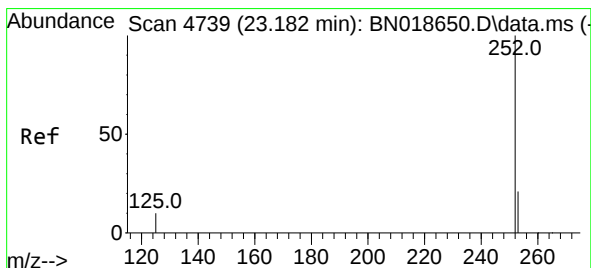
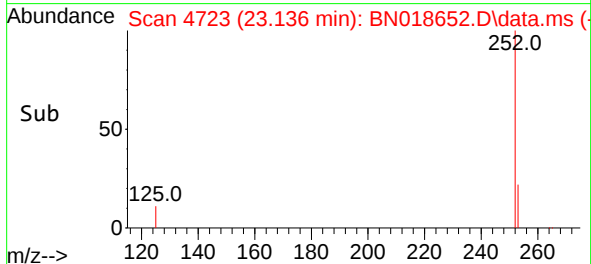
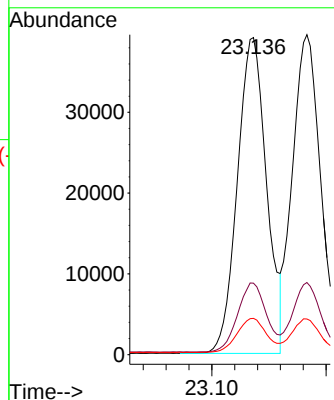
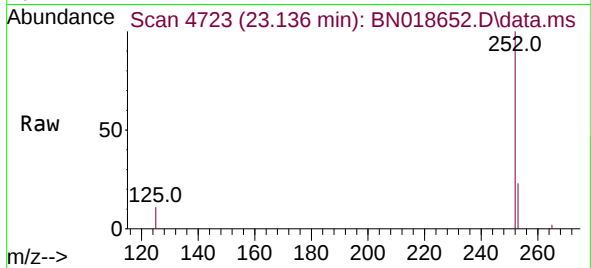




#24
Benzo(b)fluoranthene
Concen: 1.482 ng/ul
RT: 23.136 min Scan# 4723
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

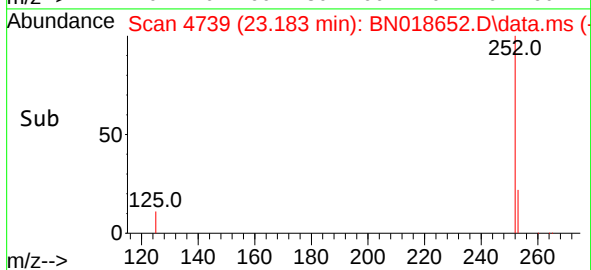
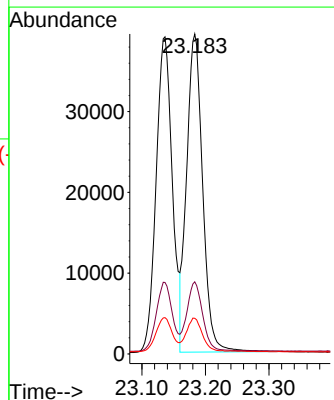
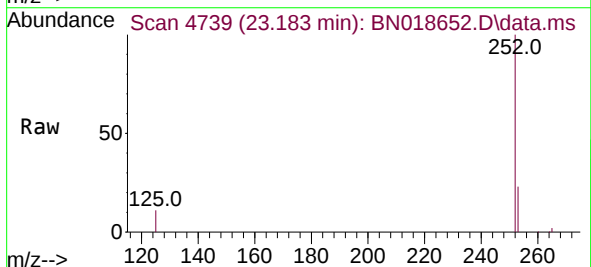
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

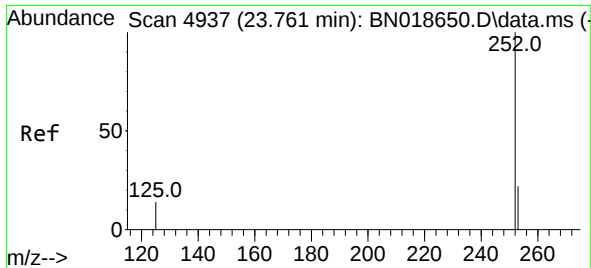
Tgt Ion:252 Resp: 69313
Ion Ratio Lower Upper
252 100
253 22.6 0.0 46.4
125 11.4 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 1.408 ng/ul
RT: 23.183 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:252 Resp: 68948
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 11.2 7.3 10.9#

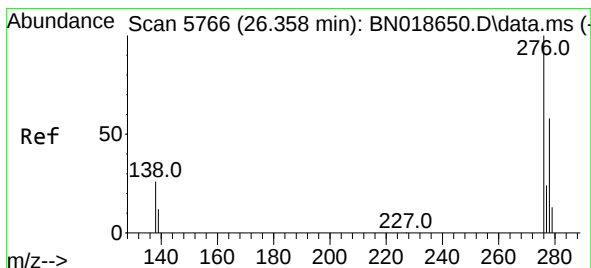
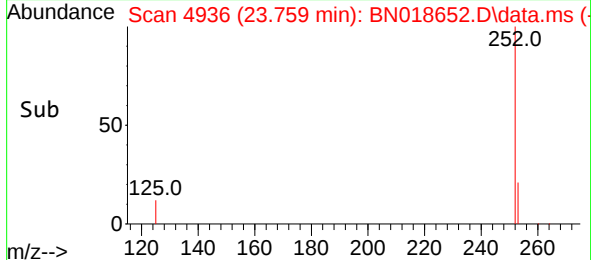
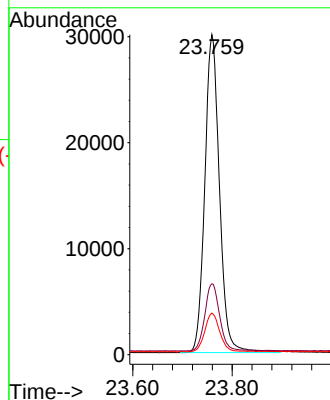
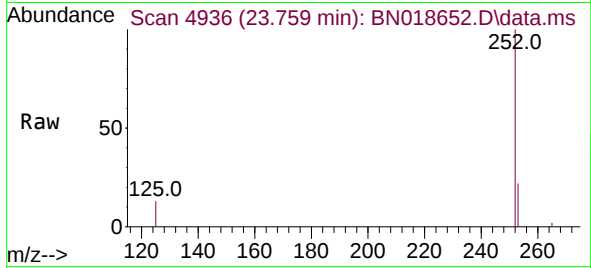




#26
Benzo(a)pyrene
Concen: 1.632 ng/ul
RT: 23.759 min Scan# 4936
Delta R.T. -0.002 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

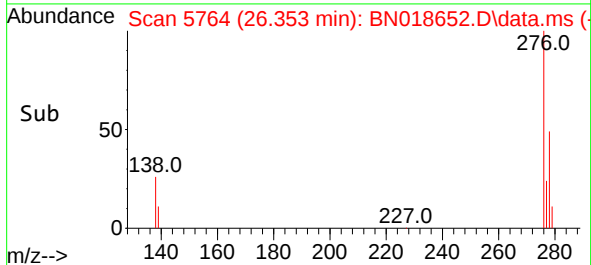
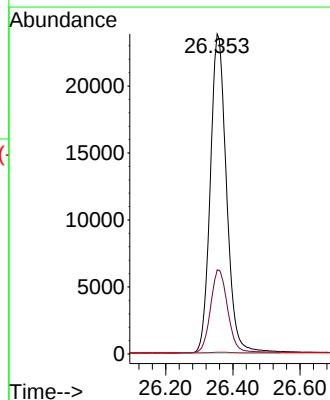
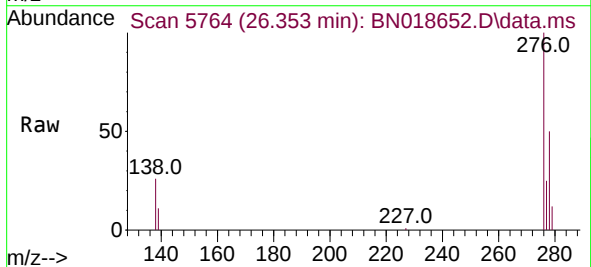
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

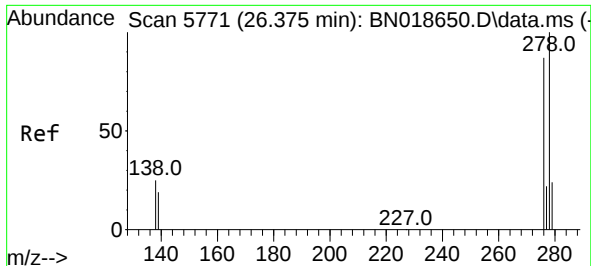
Tgt Ion:252 Resp: 61624
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 13.0 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.599 ng/ul
RT: 26.353 min Scan# 5764
Delta R.T. -0.005 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:276 Resp: 79713
Ion Ratio Lower Upper
276 100
138 27.3 16.5 24.7#
227 0.3 0.1 0.1#

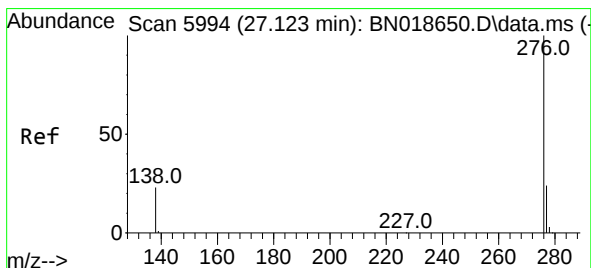
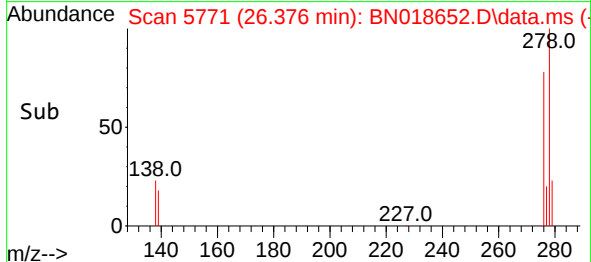
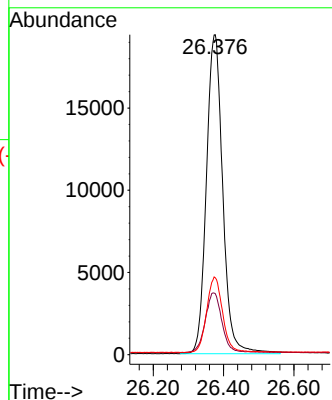
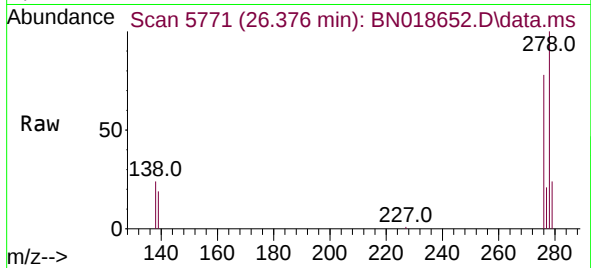




#28
Dibenzo(a,h)anthracene
Concen: 1.607 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

Tgt Ion:278 Resp: 62595
Ion Ratio Lower Upper
278 100
139 19.1 11.9 17.9#
279 24.1 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 1.522 ng/ul
RT: 27.118 min Scan# 5992
Delta R.T. -0.005 min
Lab File: BN018652.D
Acq: 18 Feb 2022 12:26

Tgt Ion:276 Resp: 67548
Ion Ratio Lower Upper
276 100
138 24.2 14.4 21.6#
277 23.8 19.2 28.8

