

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022122\
 Data File : BN018667.D
 Acq On : 21 Feb 2022 17:07
 Operator : CG/JU
 Sample : PB142720BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS720

Quant Time: Feb 22 03:14:46 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 13:39:55 2022
 Response via : Initial Calibration

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

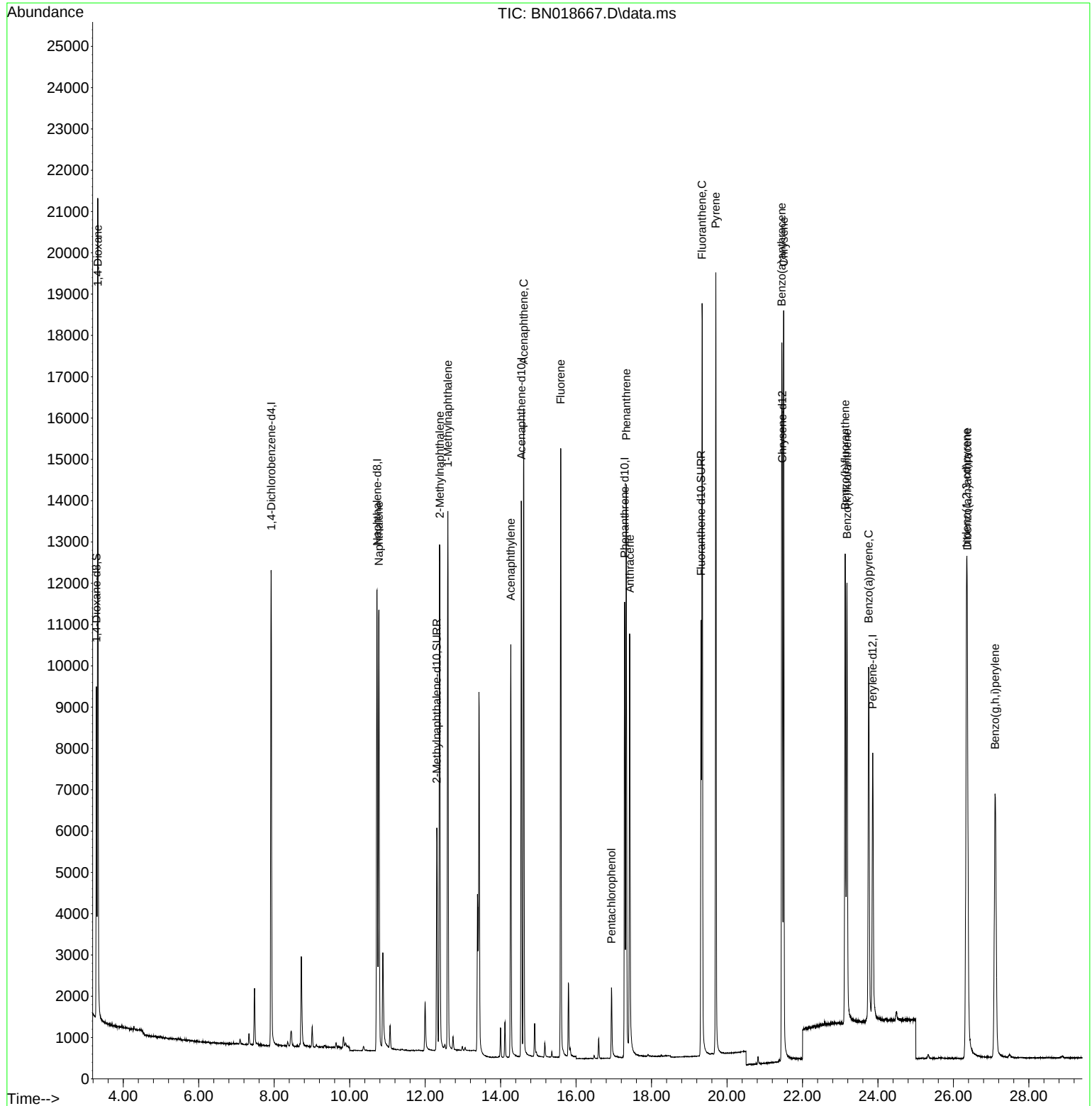
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	15524	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7429	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	13362	0.400	ng/ul #	0.00
17) Chrysene-d12	21.468	240	10271	0.400	ng/ul #	0.00
23) Perylene-d12	23.862	264	9253	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	4847	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	7152	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	11702	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	12583	1.718	ng/ul#	70
5) Naphthalene	10.776	128	14996	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	9019	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.602	142	8969	0.317	ng/ul	99
10) Acenaphthylene	14.270	152	11556	0.345	ng/ul	99
11) Acenaphthene	14.612	153	8926	0.333	ng/ul	99
12) Fluorene	15.593	166	9539	0.331	ng/ul	100
14) Pentachlorophenol	16.937	266	1310	0.480	ng/ul	99
15) Phenanthrene	17.330	178	15129	0.344	ng/ul	99
16) Anthracene	17.423	178	12659	0.323	ng/ul	99
19) Fluoranthene	19.340	202	16135	0.374	ng/ul#	93
20) Pyrene	19.703	202	16085	0.361	ng/ul#	93
21) Benzo(a)anthracene	21.450	228	13234	0.333	ng/ul	100
22) Chrysene	21.503	228	15480	0.373	ng/ul	100
24) Benzo(b)fluoranthene	23.131	252	15383	0.374	ng/ul	95
25) Benzo(k)fluoranthene	23.180	252	14917	0.363	ng/ul#	94
26) Benzo(a)pyrene	23.753	252	14043	0.387	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.346	276	16848	0.365	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.366	278	13521	0.373	ng/ul#	91
29) Benzo(g,h,i)perylene	27.104	276	14900	0.376	ng/ul#	91

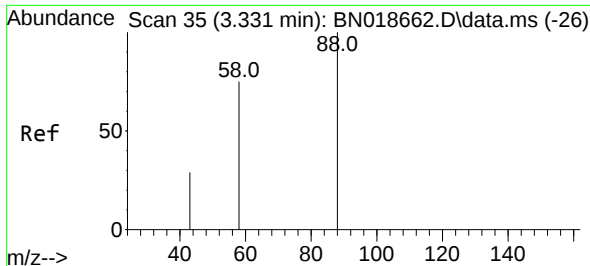
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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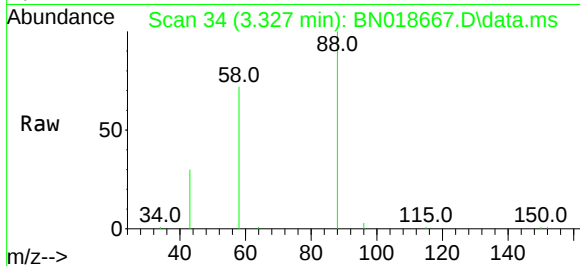
Quant Time: Feb 22 03:14:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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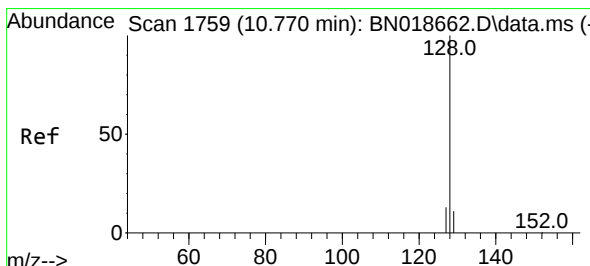
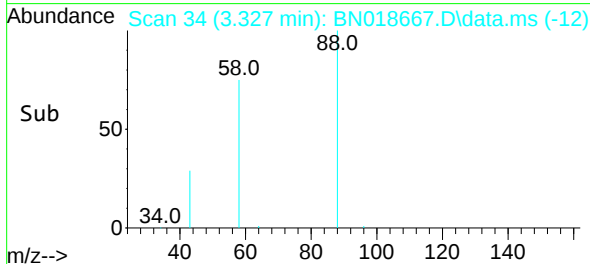
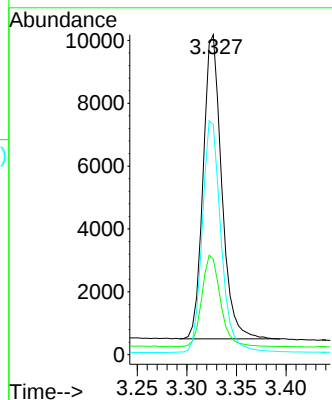


#2
1,4-Dioxane
Concen: 1.718 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Instrument :
BNA_N
ClientSampleId :
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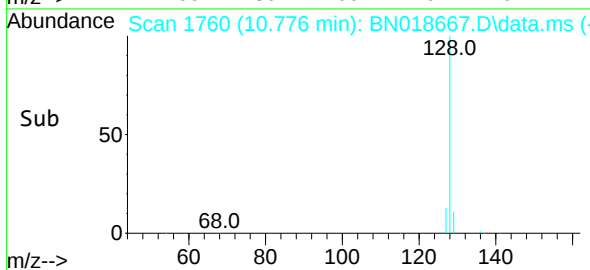
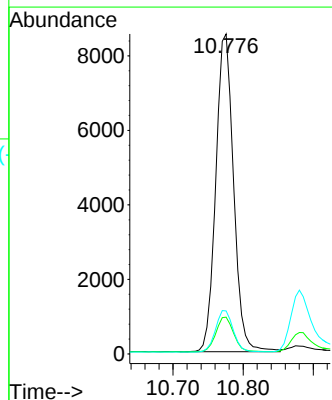
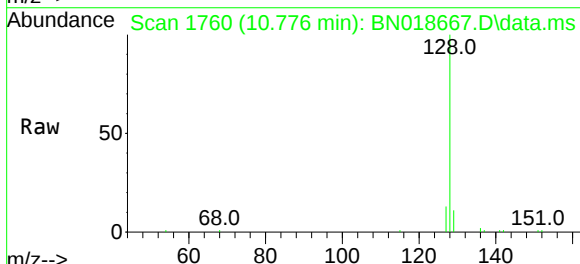


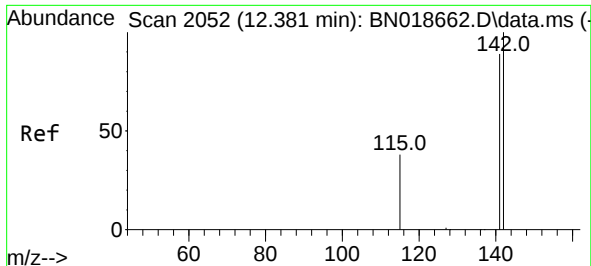
Tgt Ion: 88 Resp: 12583
Ion Ratio Lower Upper
88 100
43 29.8 47.8 71.8#
58 71.8 46.2 69.2#



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion: 128 Resp: 14996
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.5 11.0 16.6

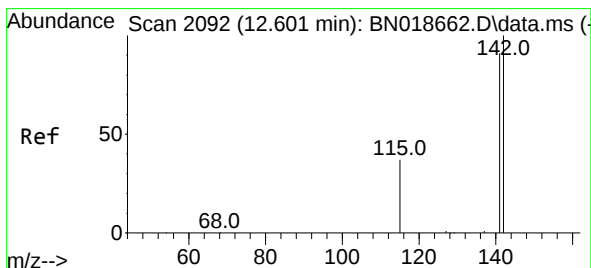
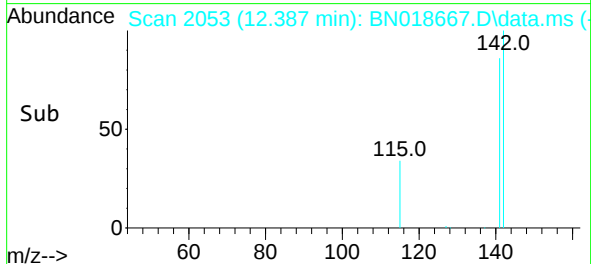
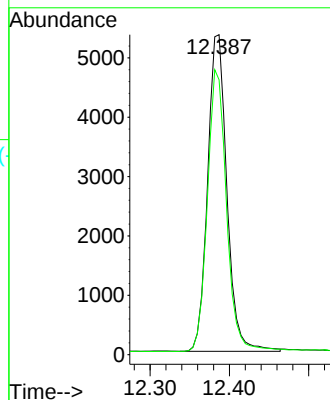
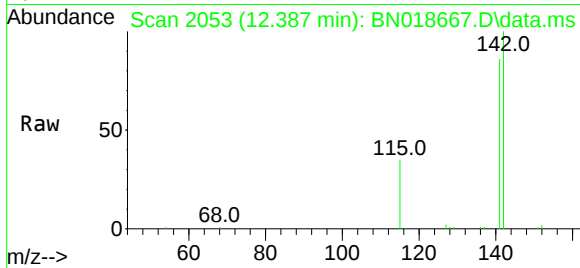




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

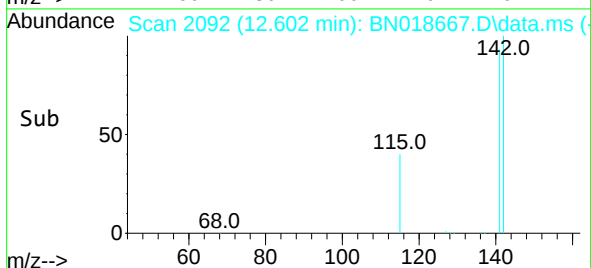
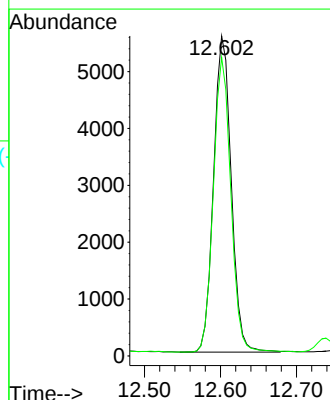
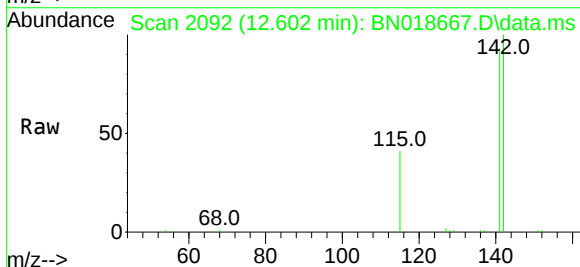
Instrument :
BNA_N
ClientSampleId :
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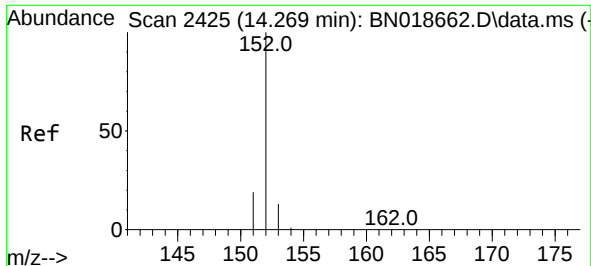
Tgt Ion:142 Resp: 9019
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.602 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:142 Resp: 8969
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8

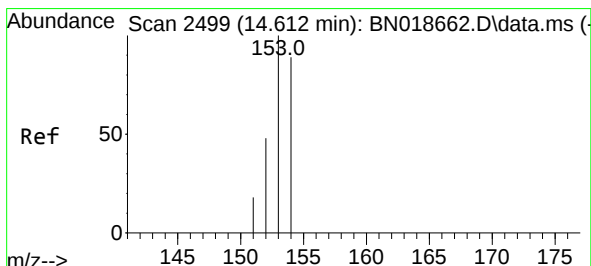
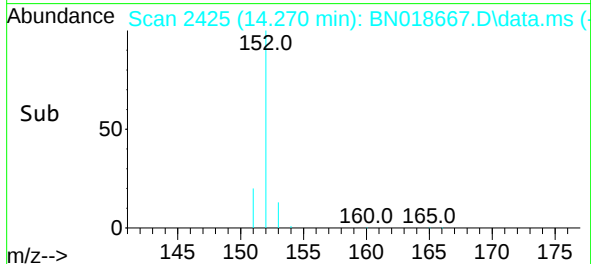
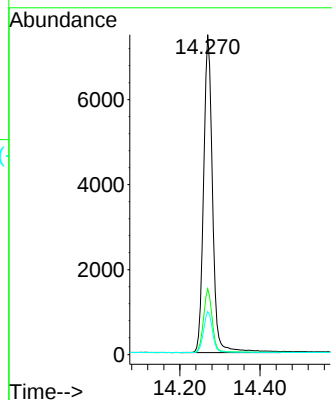
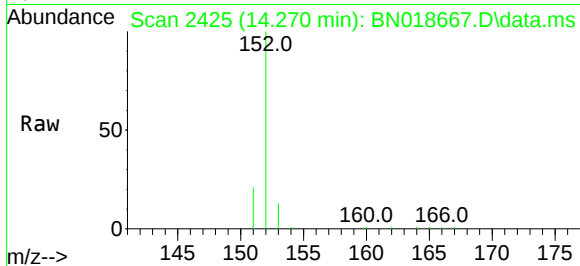




#10
Acenaphthylene
Concen: 0.345 ng/u1
RT: 14.270 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

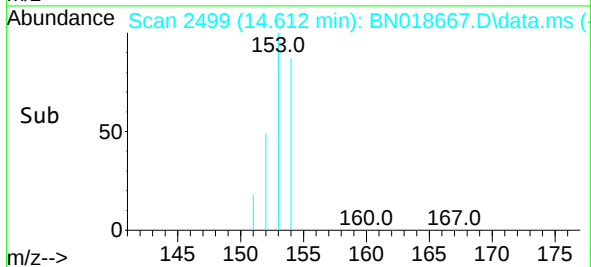
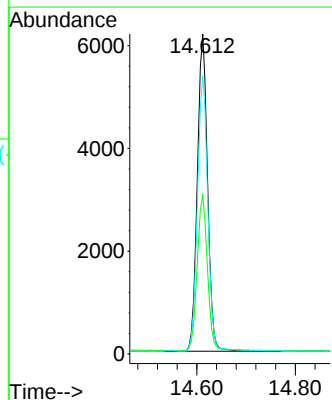
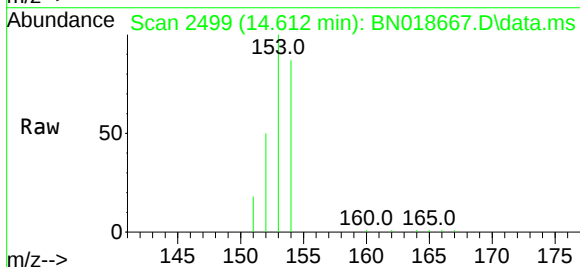
Instrument :
BNA_N
ClientSampleId :
SLCS720

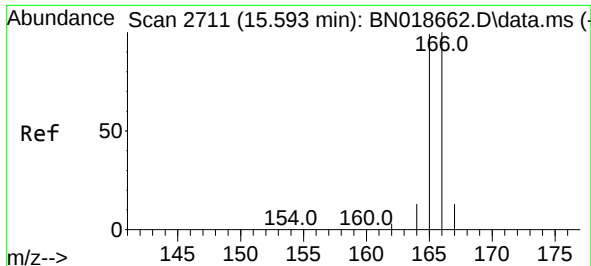
Tgt Ion:152 Resp: 11556
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.333 ng/u1
RT: 14.612 min Scan# 2499
Delta R.T. 0.001 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:153 Resp: 8926
Ion Ratio Lower Upper
153 100
152 49.6 39.7 59.5
154 86.9 70.9 106.3

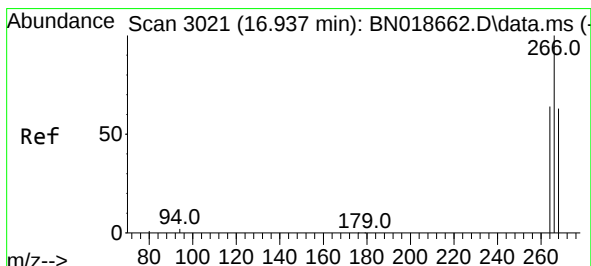
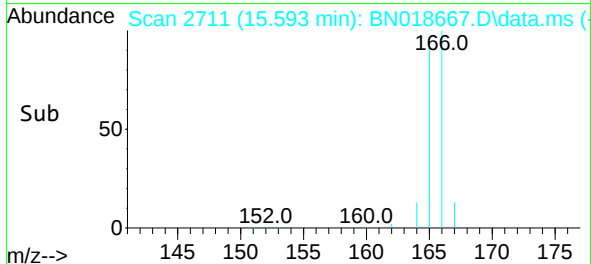
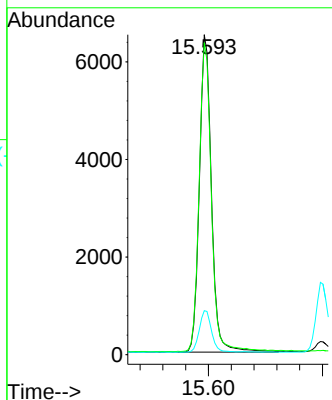
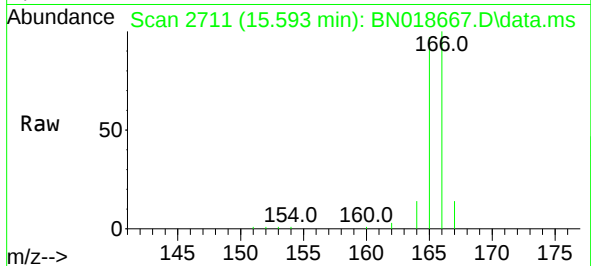




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.004 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

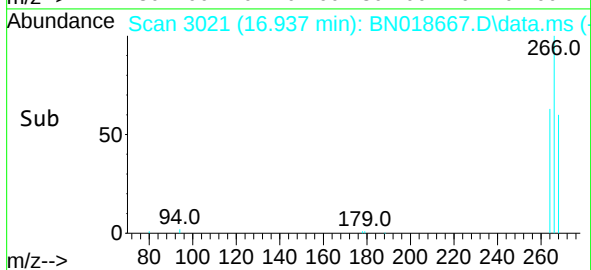
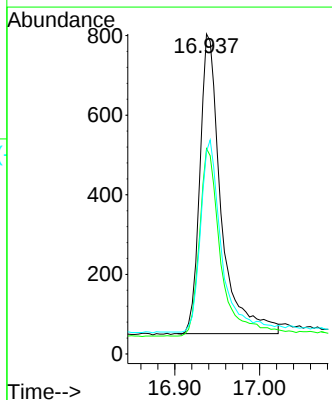
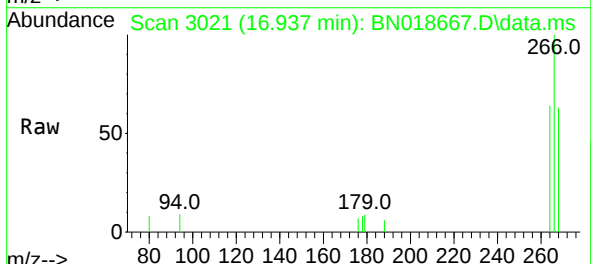
Instrument :
BNA_N
ClientSampleId :
SLCS720

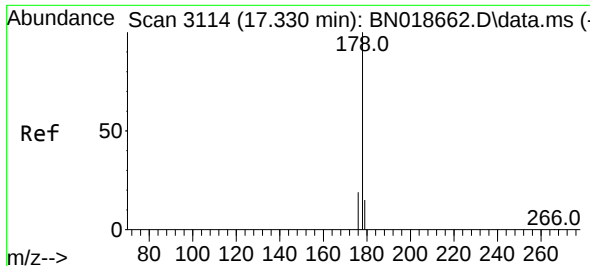
Tgt Ion:166 Resp: 9539
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 13.7 11.6 17.4



#14
Pentachlorophenol
Concen: 0.480 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:266 Resp: 1310
Ion Ratio Lower Upper
266 100
264 63.2 49.9 74.9
268 63.7 51.7 77.5

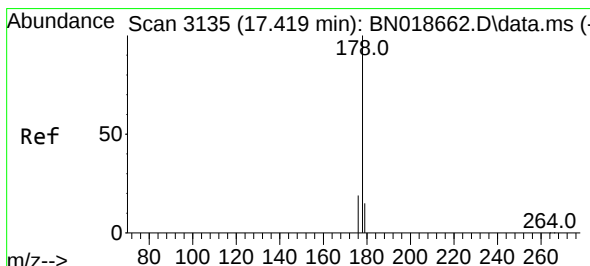
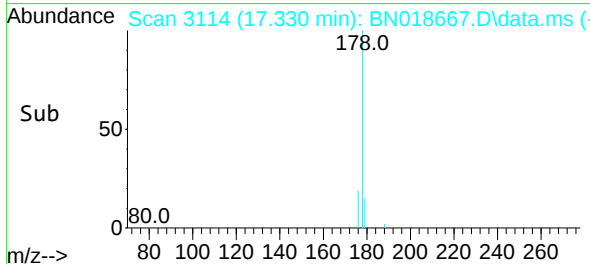
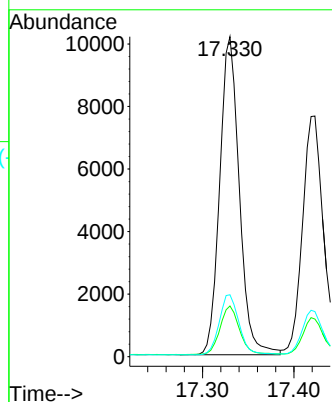
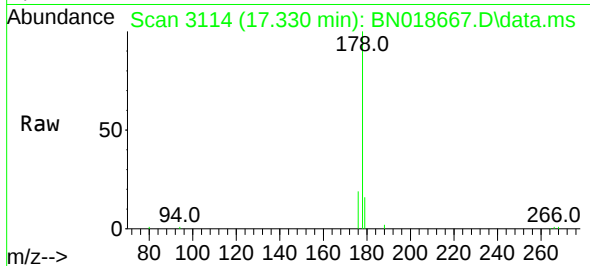




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.330 min Scan# 3114
Delta R.T. 0.001 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

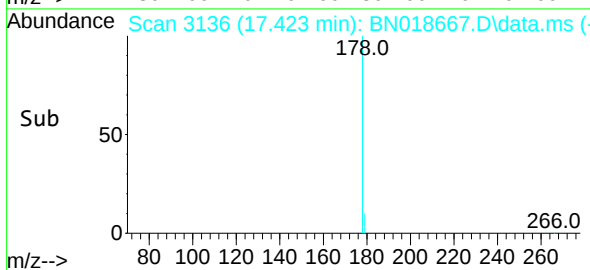
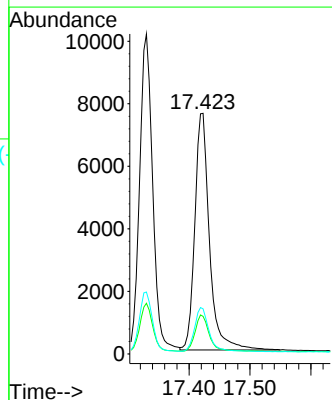
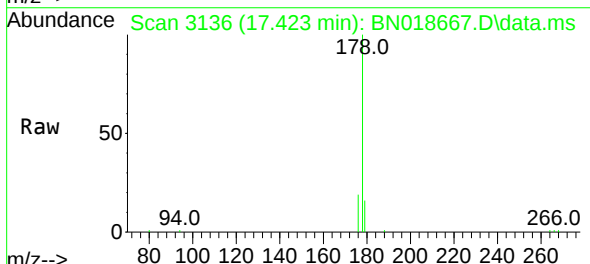
Instrument :
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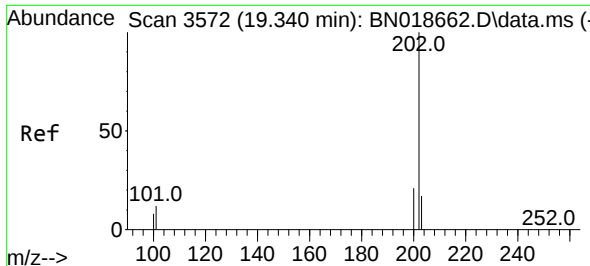
Tgt Ion:178	Resp:	15129
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.2 18.4
176	19.4	15.4 23.2



#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. 0.001 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:178	Resp:	12659
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	18.8	15.5 23.3

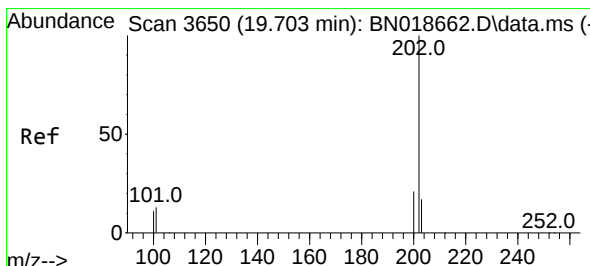
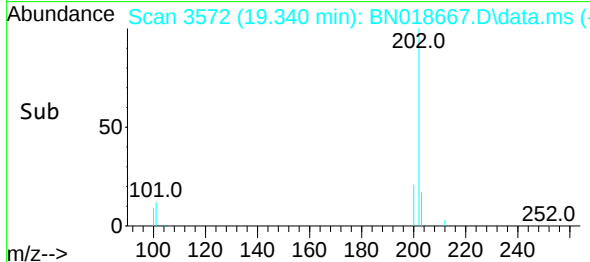
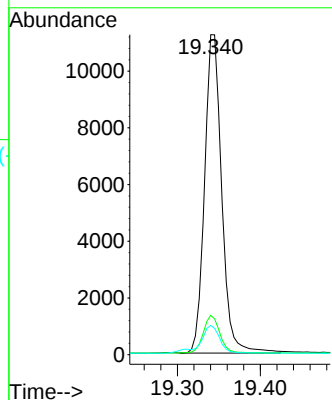
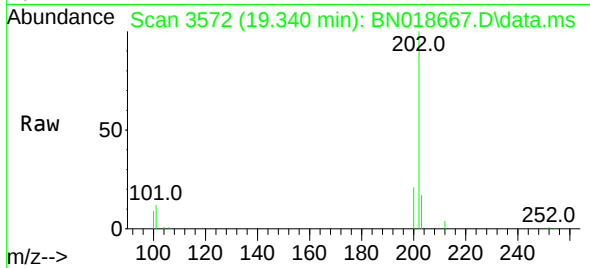




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.340 min Scan# 3572
Delta R.T. -0.003 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

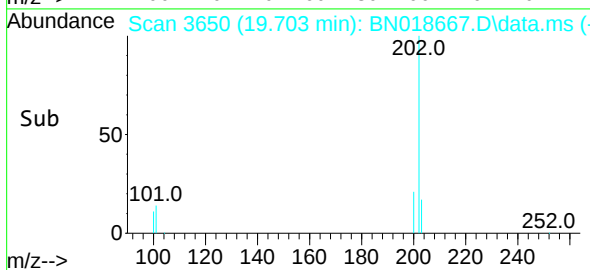
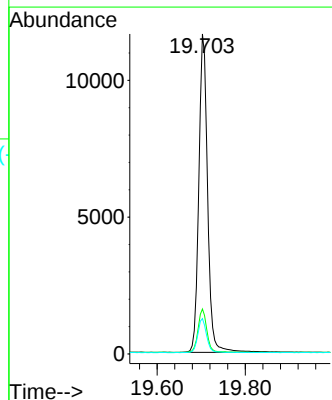
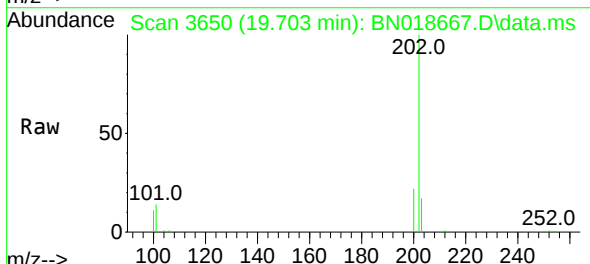
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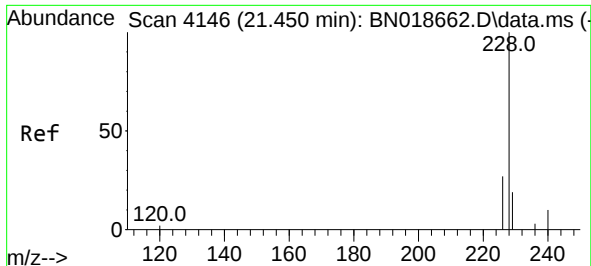
Tgt Ion:202 Resp: 16135
Ion Ratio Lower Upper
202 100
101 12.3 7.5 11.3#
100 9.2 5.4 8.2#



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.703 min Scan# 3650
Delta R.T. -0.003 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:202 Resp: 16085
Ion Ratio Lower Upper
202 100
101 14.1 9.0 13.4#
100 11.0 7.0 10.4#

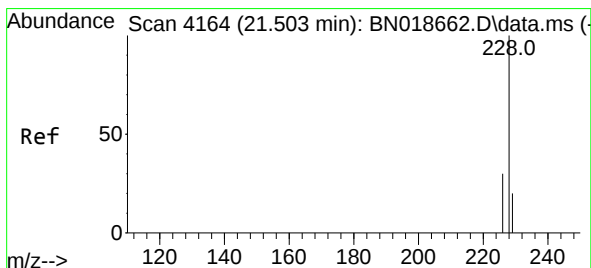
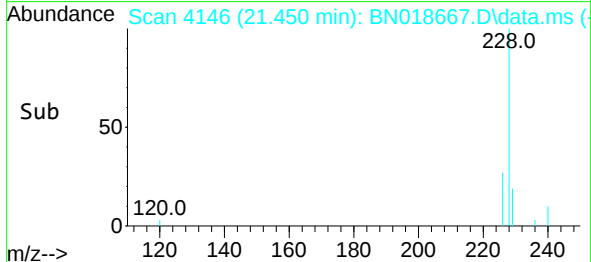
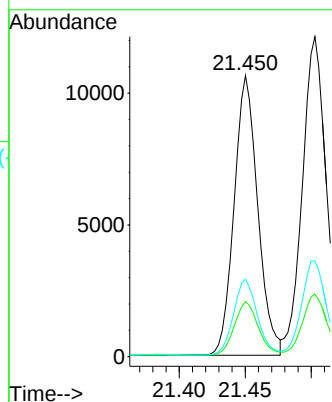
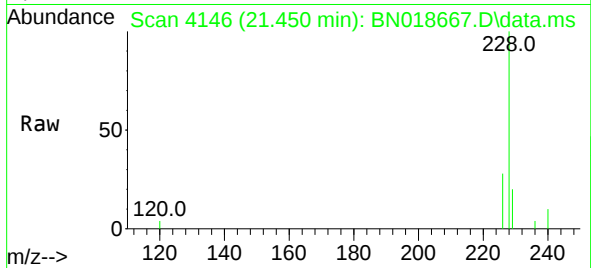




#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.450 min Scan# 4146
Delta R.T. -0.002 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

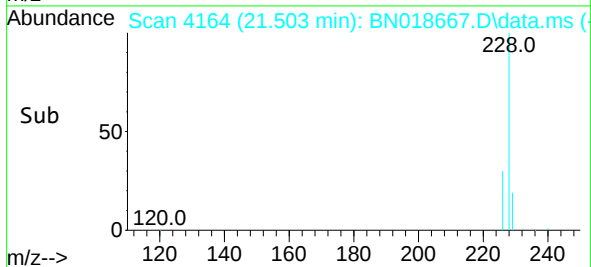
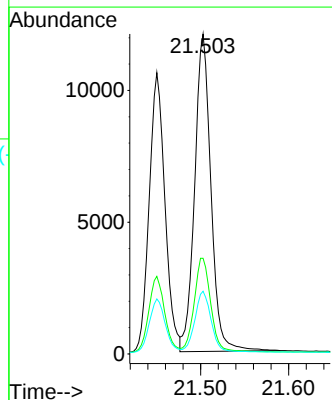
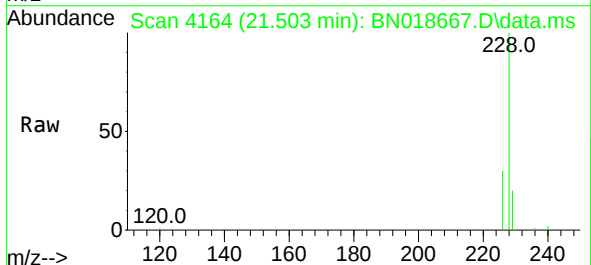
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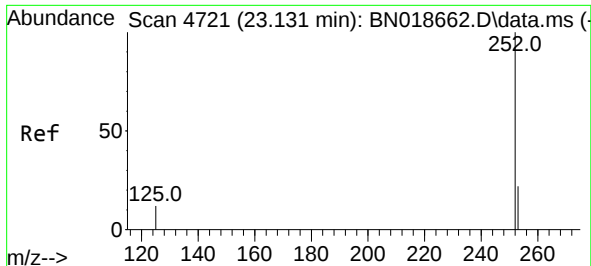
Tgt Ion:228 Resp: 13234
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.503 min Scan# 4164
Delta R.T. -0.002 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:228 Resp: 15480
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 19.6 15.7 23.5

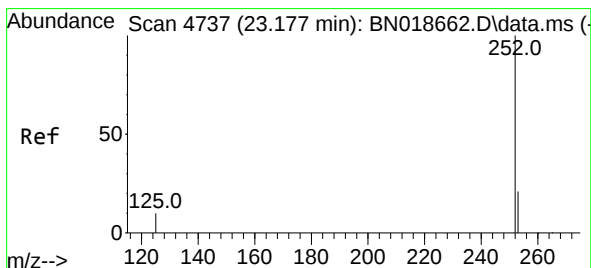
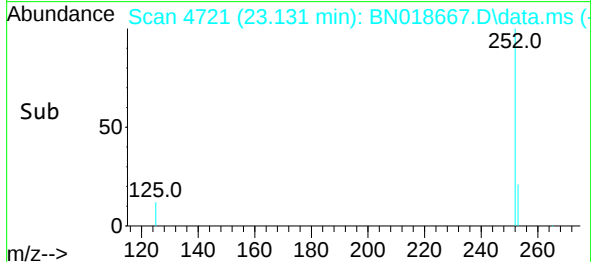
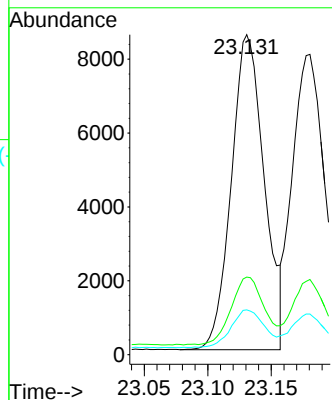
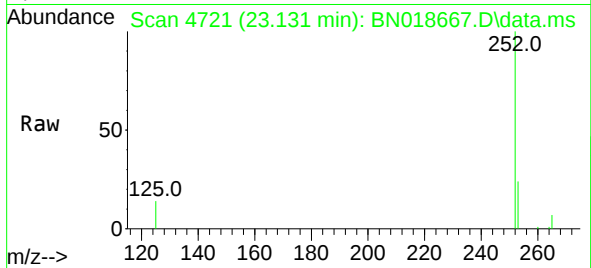




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.131 min Scan# 4721
Delta R.T. -0.004 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

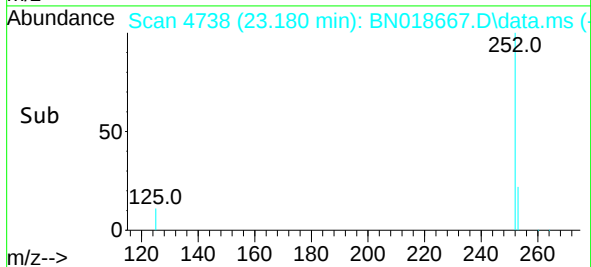
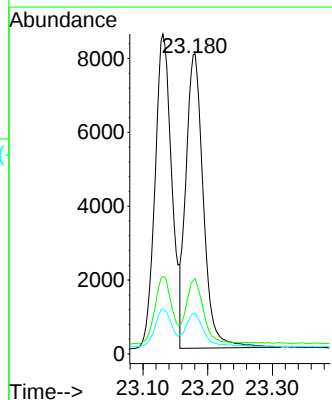
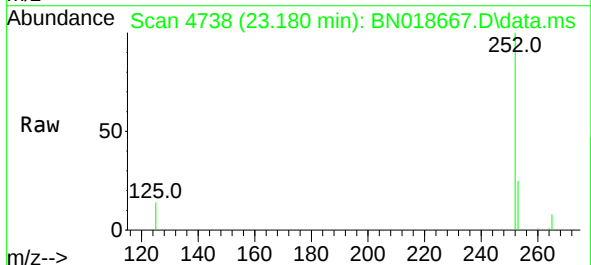
Instrument :
BNA_N
ClientSampleId :
SLCS720

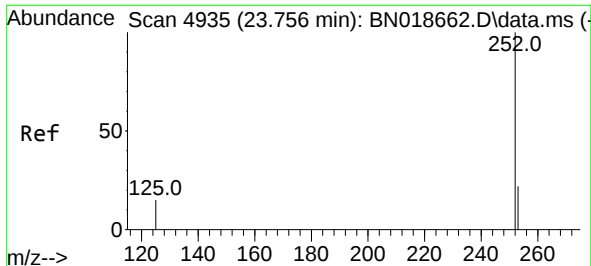
Tgt Ion:252 Resp: 15383
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.4
125 14.0 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.180 min Scan# 4738
Delta R.T. -0.002 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:252 Resp: 14917
Ion Ratio Lower Upper
252 100
253 25.0 18.6 28.0
125 13.6 7.3 10.9#

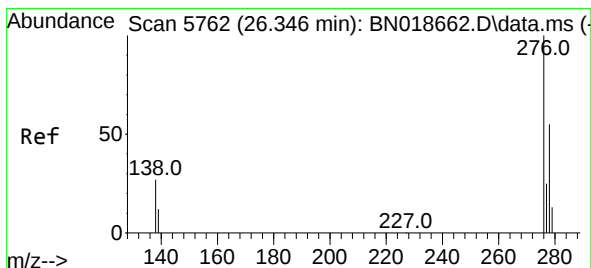
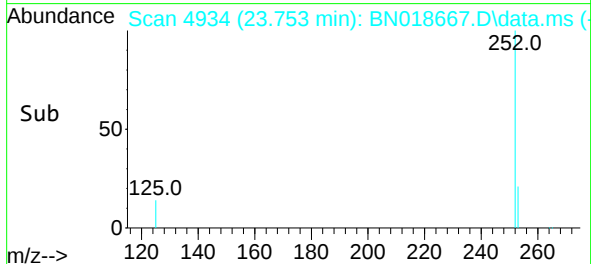
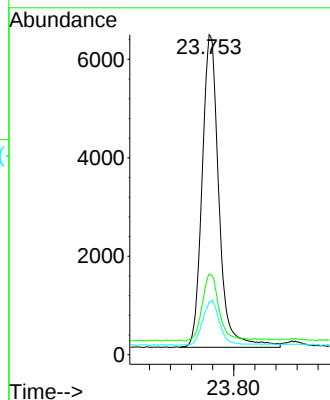
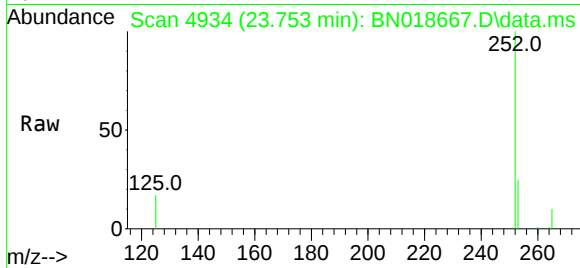




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.753 min Scan# 4934
Delta R.T. -0.007 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

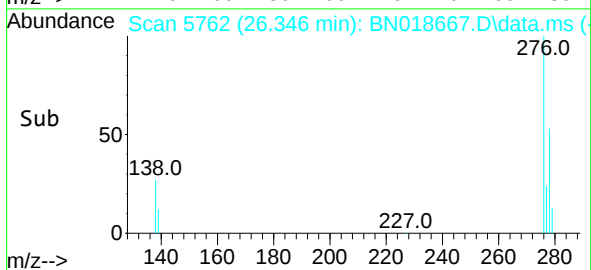
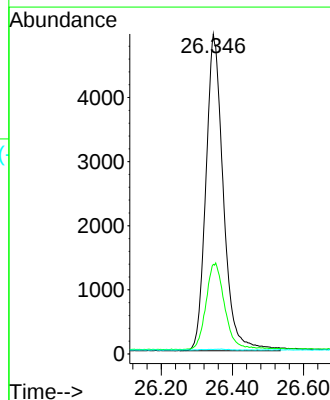
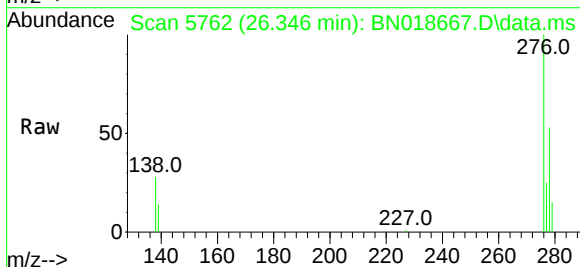
Instrument :
BNA_N
ClientSampleId :
SLCS720

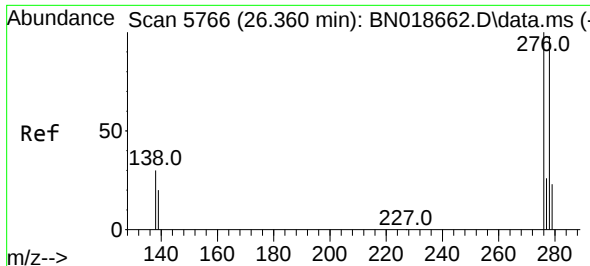
Tgt Ion:252 Resp: 14043
Ion Ratio Lower Upper
252 100
253 25.2 18.9 28.3
125 16.5 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.346 min Scan# 5762
Delta R.T. -0.012 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

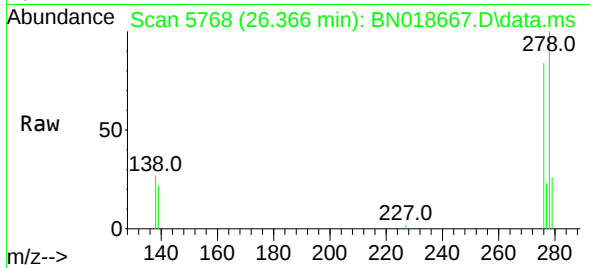
Tgt Ion:276 Resp: 16848
Ion Ratio Lower Upper
276 100
138 29.8 16.5 24.7#
227 0.1 0.1 0.1#



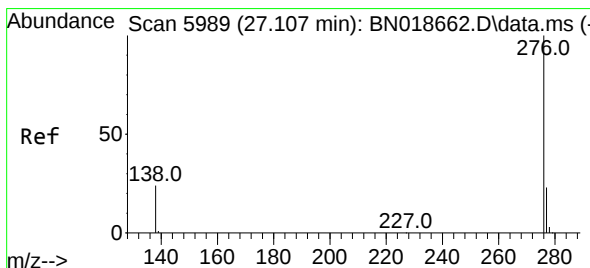
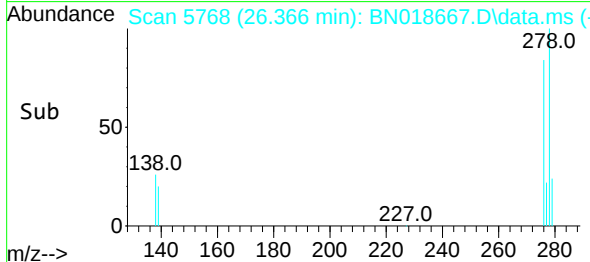
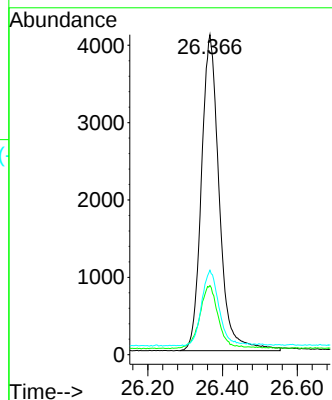


#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.366 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Instrument :
BNA_N
ClientSampleId :
SLCS720



Tgt Ion:278 Resp: 13521
Ion Ratio Lower Upper
278 100
139 21.6 11.9 17.9#
279 26.4 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.104 min Scan# 5988
Delta R.T. -0.018 min
Lab File: BN018667.D
Acq: 21 Feb 2022 17:07

Tgt Ion:276 Resp: 14900
Ion Ratio Lower Upper
276 100
138 26.7 14.4 21.6#
277 24.8 19.2 28.8

