

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051921\
 Data File : BN014676.D
 Acq On : 19 May 2021 17:45
 Operator : CG/JU
 Sample : M2445-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG1Z3DL

Quant Time: May 20 01:47:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 15:50:11 2021
 Response via : Initial Calibration

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

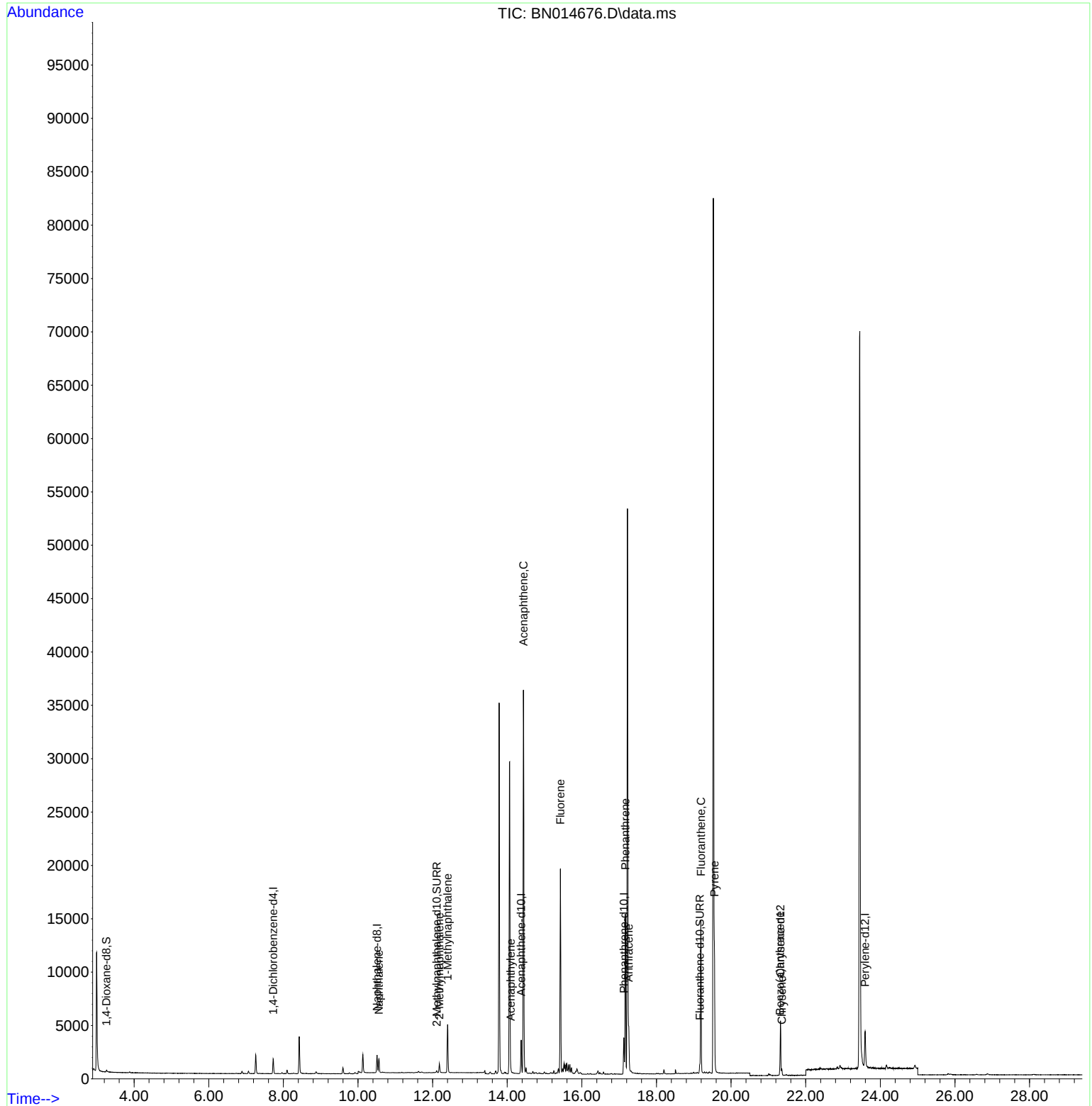
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.726	152	654	0.40	ng/ul	0.00
4) Naphthalene-d8	10.510	136	2214	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.375	164	1677	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.127	188	4007	0.40	ng/ul	0.00
17) Chrysene-d12	21.324	240	4561	0.40	ng/ul	0.00
23) Perylene-d12	23.592	264	4482	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	174	0.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.111	152	246	0.06	ng/ul	0.00
18) Fluoranthene-d10	19.163	212	958	0.08	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.560	128	1794	0.28	ng/ul	97
7) 2-Methylnaphthalene	12.182	142	592	0.13	ng/ul	99
8) 1-Methylnaphthalene	12.402	142	2951	0.66	ng/ul	100
10) Acenaphthylene	14.093	152	231	0.04	ng/ul#	43
11) Acenaphthene	14.436	153	19547	3.38	ng/ul	99
12) Fluorene	15.426	166	11362	1.60	ng/ul	98
15) Phenanthrene	17.165	178	15586	1.25	ng/ul	98
16) Anthracene	17.258	178	4101	0.42	ng/ul	97
19) Fluoranthene	19.191	202	12152	0.86	ng/ul	99
20) Pyrene	19.553	202	10311	0.72	ng/ul	99
21) Benzo(a)anthracene	21.309	228	687	0.05	ng/ul#	91
22) Chrysene	21.362	228	570	0.03	ng/ul#	88

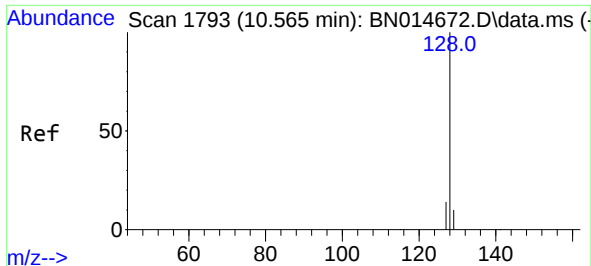
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 01:47:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 15:50:11 2021
Response via : Initial Calibration

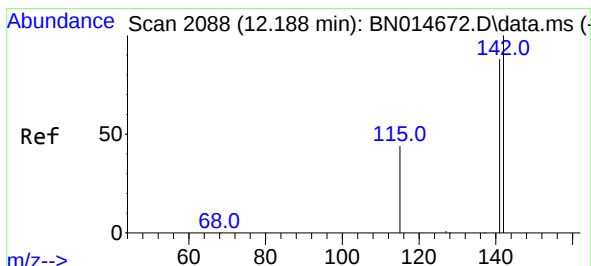
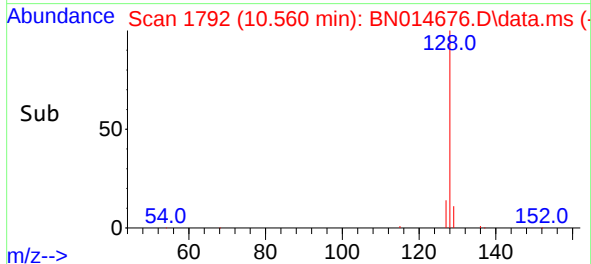
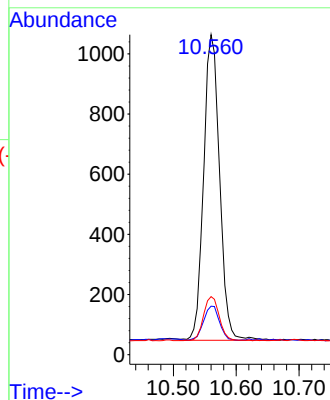
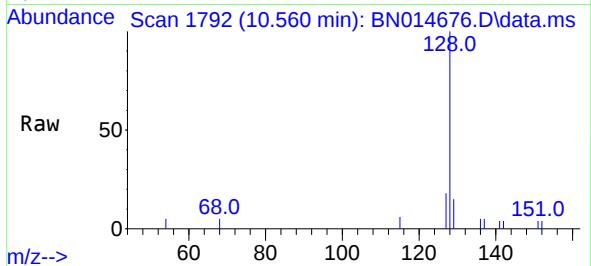




#5
Naphthalene
Concen: 0.28 ng/ul
RT: 10.560 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

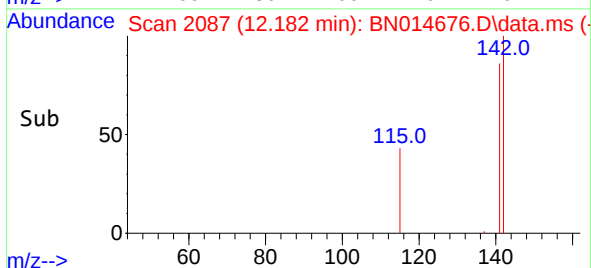
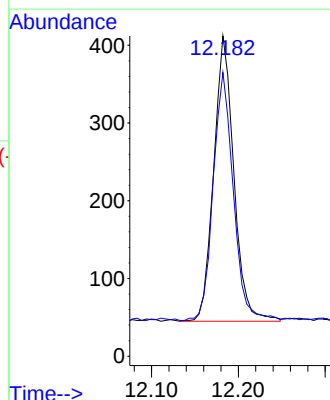
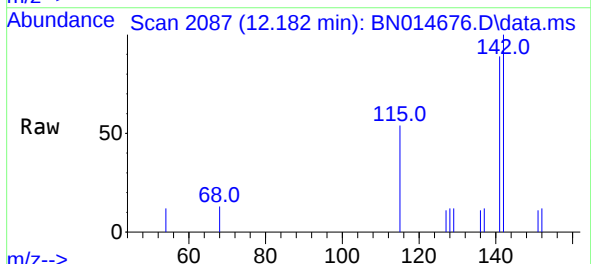
Instrument :
BNA_N
ClientSampleId :
BG1Z3DL

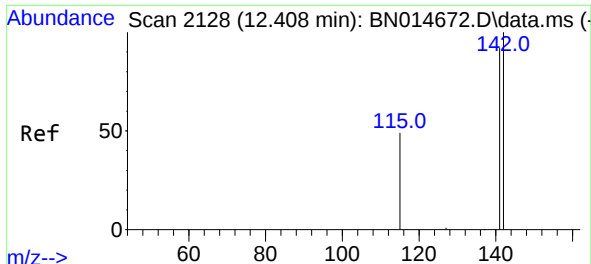
Tgt Ion:	128	Resp:	1794
Ion	Ratio	Lower	Upper
128	100		
129	15.1	10.9	16.3
127	18.1	15.7	23.5



#7
2-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.182 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Tgt Ion:	142	Resp:	592
Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.2	105.2

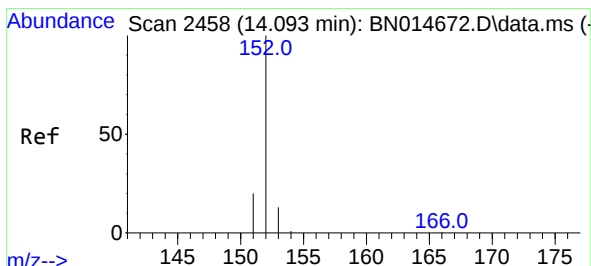
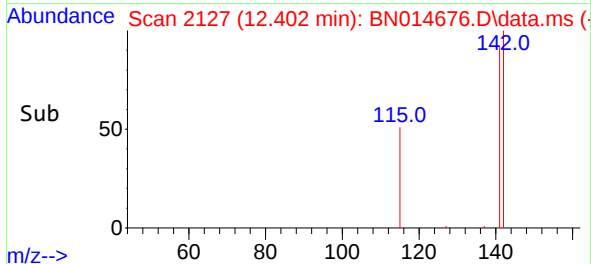
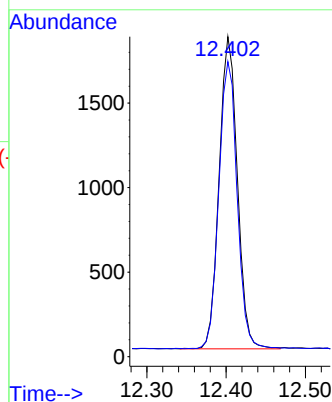
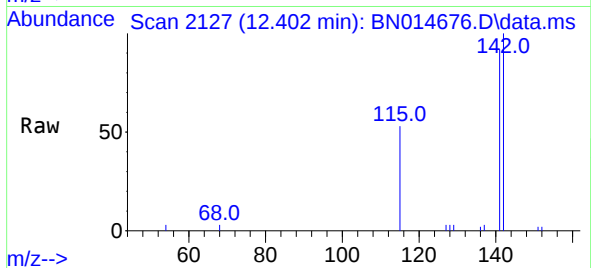




#8
1-Methylnaphthalene
Concen: 0.66 ng/ul
RT: 12.402 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

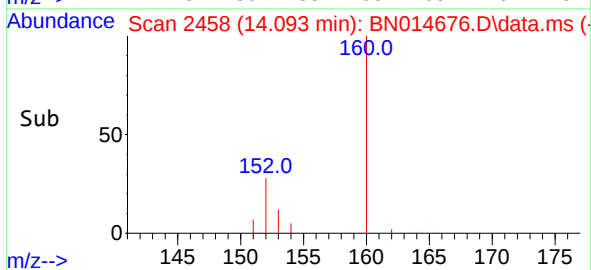
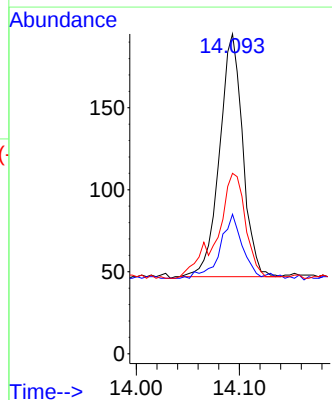
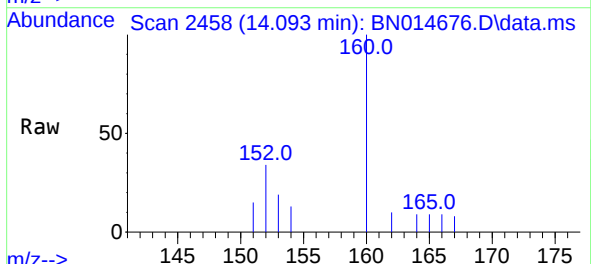
Instrument :
BNA_N
ClientSampled :
BG1Z3DL

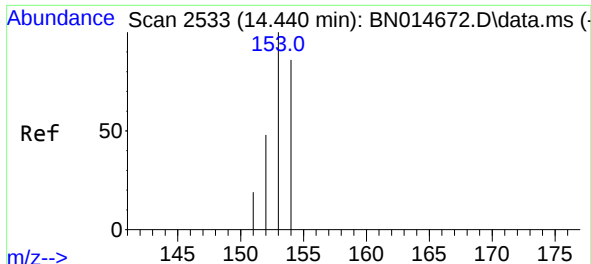
Tgt Ion:142 Resp: 2951
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9



#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.093 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Tgt Ion:152 Resp: 231
Ion Ratio Lower Upper
152 100
151 43.6 20.2 30.4#
153 56.4 14.2 21.4#

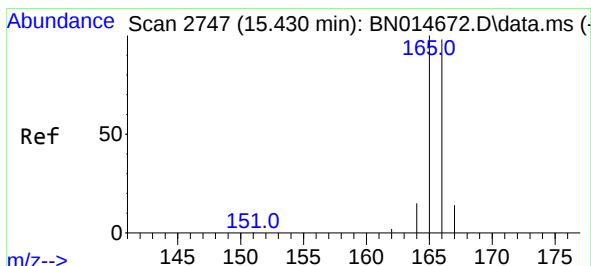
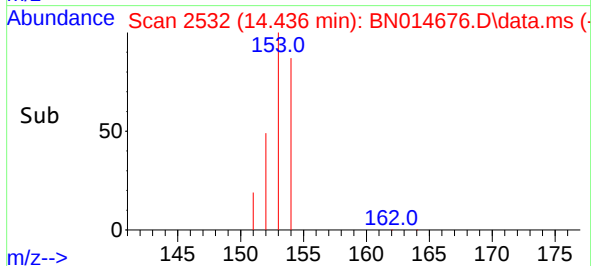
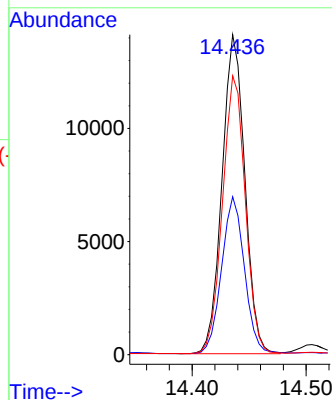
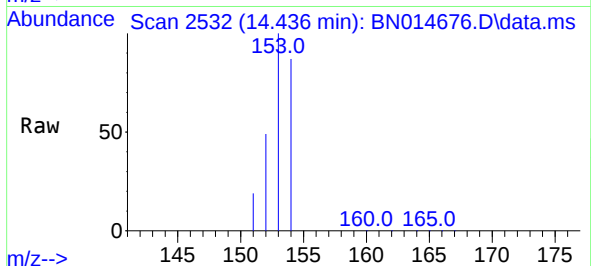




#11
Acenaphthene
Concen: 3.38 ng/ul
RT: 14.436 min Scan# 2532
Delta R.T. -0.005 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

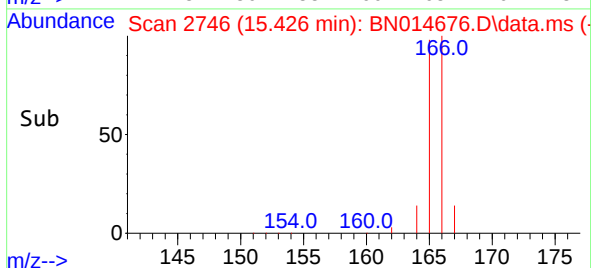
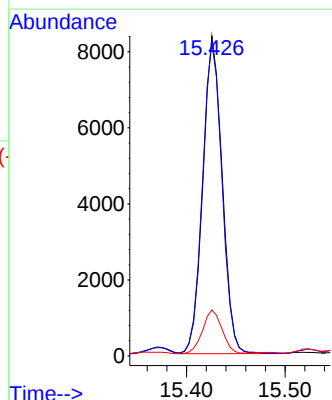
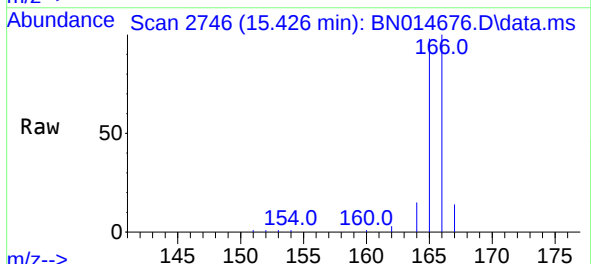
Instrument :
BNA_N
ClientSampleId :
BG1Z3DL

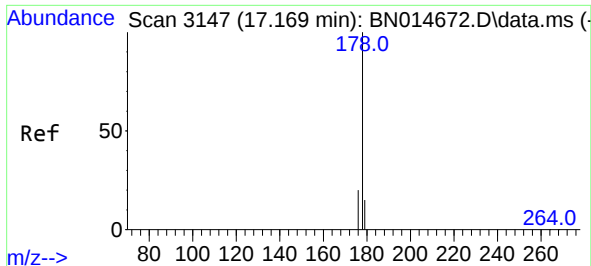
Tgt Ion:153 Resp: 19547
Ion Ratio Lower Upper
153 100
152 49.4 39.7 59.5
154 87.2 71.0 106.4



#12
Fluorene
Concen: 1.60 ng/ul
RT: 15.426 min Scan# 2746
Delta R.T. -0.005 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Tgt Ion:166 Resp: 11362
Ion Ratio Lower Upper
166 100
165 97.9 79.3 118.9
167 14.4 13.8 20.6

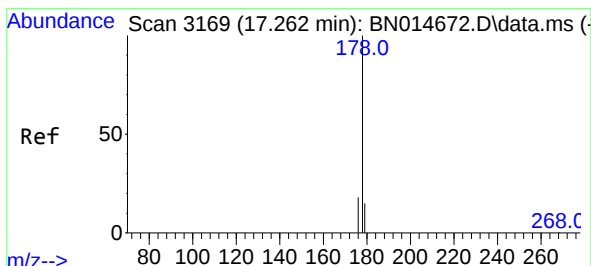
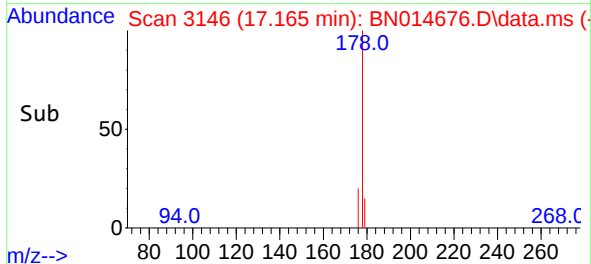
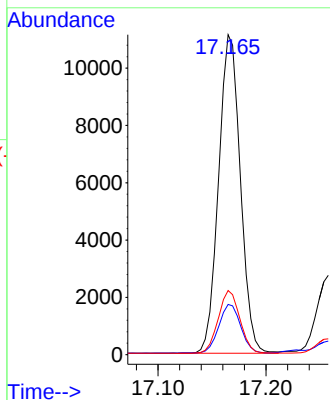
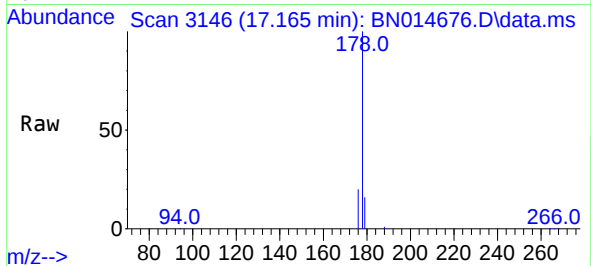




#15
Phenanthrene
Concen: 1.25 ng/ul
RT: 17.165 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

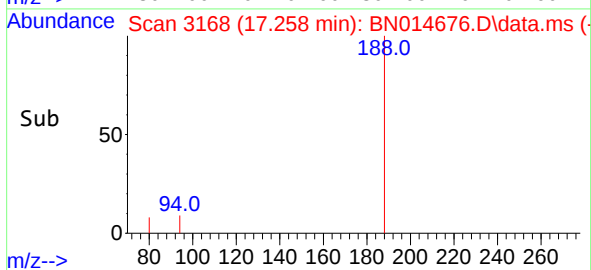
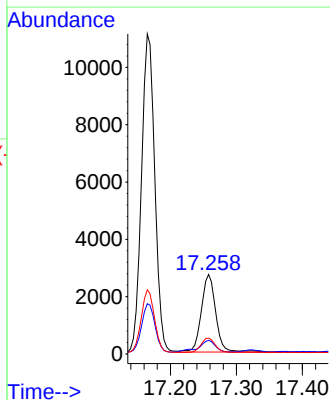
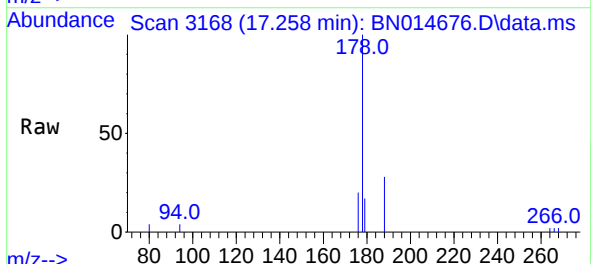
Instrument :
BNA_N
ClientSampleId :
BG1Z3DL

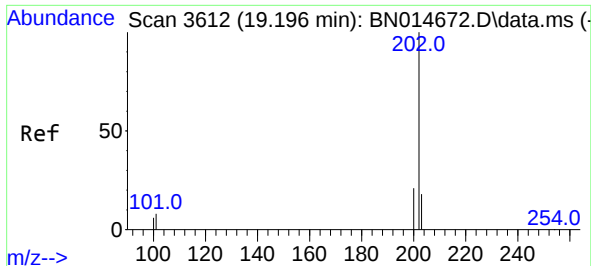
Tgt Ion:	178	Resp:	15586
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.8	20.6
176	20.0	16.2	24.4



#16
Anthracene
Concen: 0.42 ng/ul
RT: 17.258 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Tgt Ion:	178	Resp:	4101
Ion Ratio	Lower	Upper	
178	100		
179	17.1	14.3	21.5
176	19.9	17.1	25.7

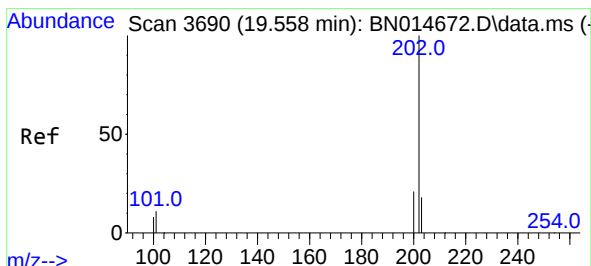
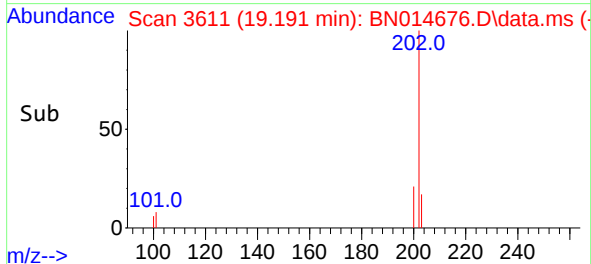
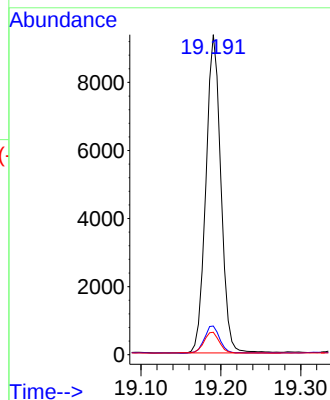
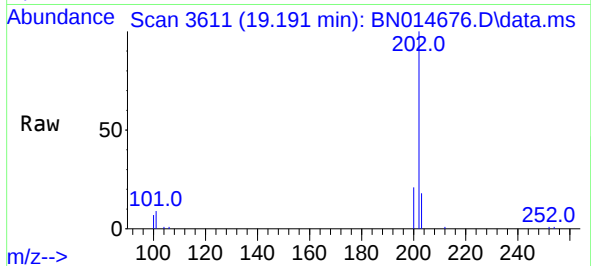




#19
Fluoranthene
Concen: 0.86 ng/ul
RT: 19.191 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

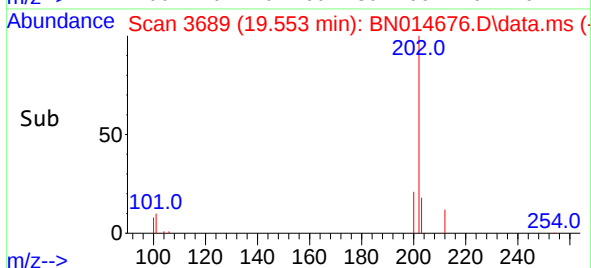
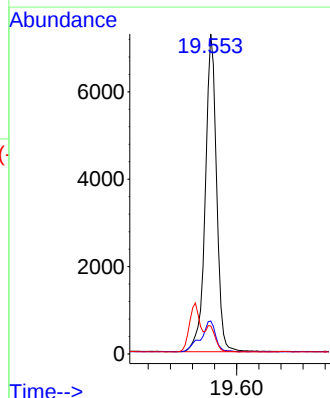
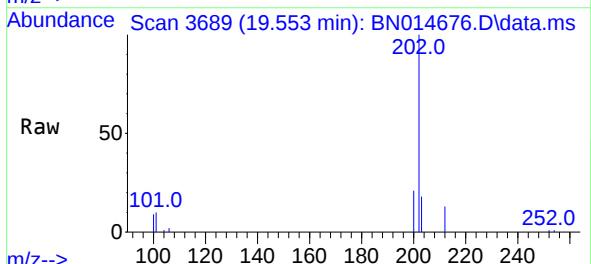
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BNA_N
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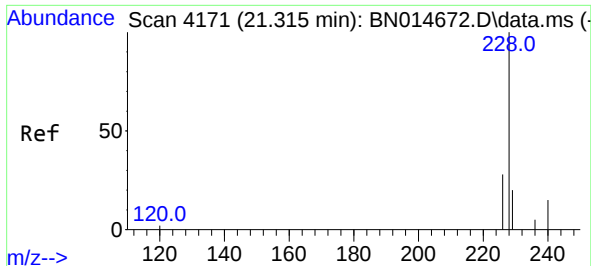
Tgt Ion:202 Resp: 12152
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 7.0 5.9 8.9



#20
Pyrene
Concen: 0.72 ng/ul
RT: 19.553 min Scan# 3689
Delta R.T. -0.005 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Tgt Ion:202 Resp: 10311
Ion Ratio Lower Upper
202 100
101 10.3 8.5 12.7
100 8.7 7.4 11.2

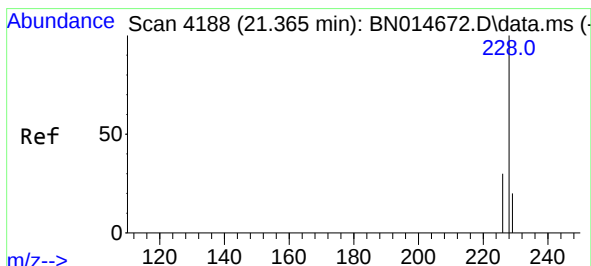
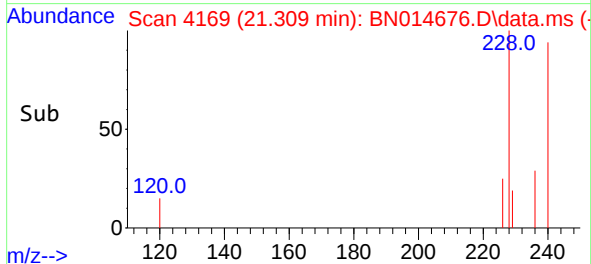
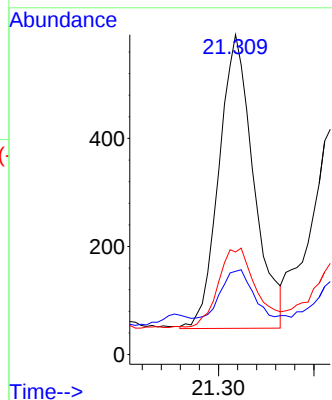
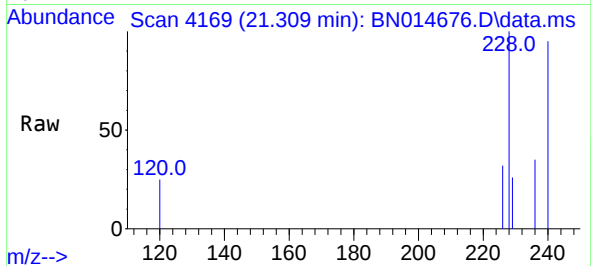




#21
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.309 min Scan# 4169
Delta R.T. 0.003 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Instrument :
BNA_N
ClientSampleId :
BG1Z3DL

Tgt Ion:228 Resp: 687
Ion Ratio Lower Upper
228 100
229 26.0 16.3 24.5#
226 32.1 22.6 33.8



#22
Chrysene
Concen: 0.03 ng/ul
RT: 21.362 min Scan# 4187
Delta R.T. 0.003 min
Lab File: BN014676.D
Acq: 19 May 2021 17:45

Tgt Ion:228 Resp: 570
Ion Ratio Lower Upper
228 100
226 34.5 25.3 37.9
229 30.6 16.2 24.4#

