

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019882.D
 Acq On : 20 May 2022 23:03
 Operator : CG/JU
 Sample : N2843-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4J3

Quant Time: May 21 01:54:22 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 : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

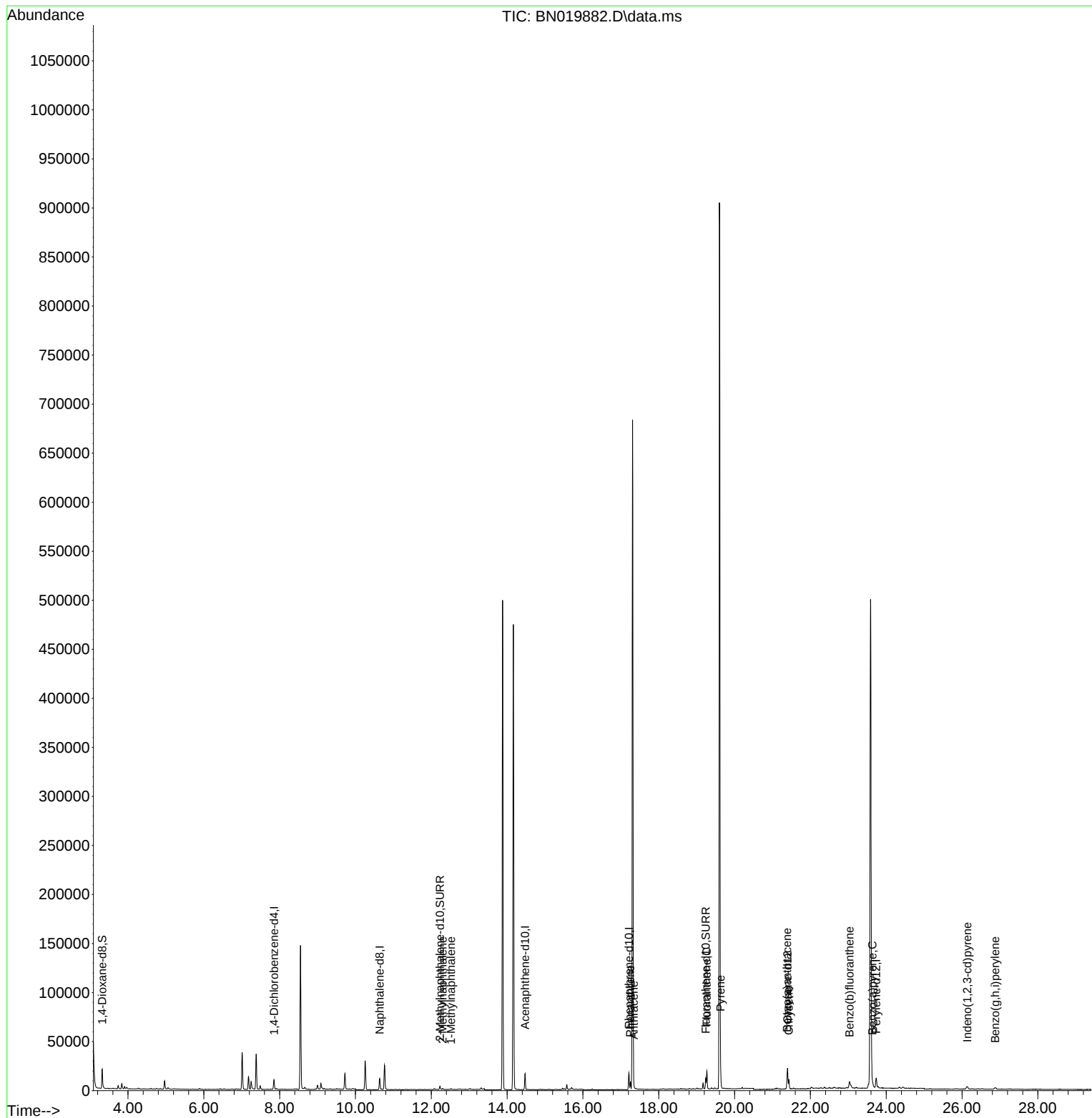
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9339	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	20224	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	17676	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	14243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	13335	2.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	4325	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	11699	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.300	142	693	0.023	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	646	0.023	ng/ul#	100
15) Phenanthrene	17.251	178	8662	0.116	ng/ul	96
16) Anthracene	17.344	178	1246	0.021	ng/ul#	75
19) Fluoranthene	19.267	202	15650	0.193	ng/ul	98
20) Pyrene	19.629	202	16035	0.199	ng/ul#	94
21) Benzo(a)anthracene	21.382	228	7341	0.111	ng/ul#	88
22) Chrysene	21.432	228	10416	0.134	ng/ul#	91
24) Benzo(b)fluoranthene	23.031	252	13102	0.181	ng/ul#	62
26) Benzo(a)pyrene	23.633	252	5768	0.094	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.134	276	3882	0.051	ng/ul#	93
29) Benzo(g,h,i)perylene	26.875	276	3523	0.050	ng/ul#	73

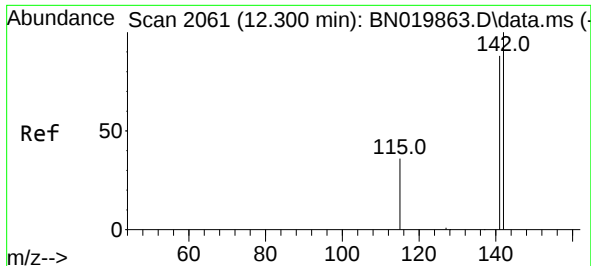
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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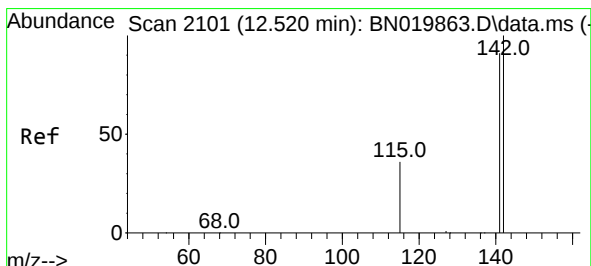
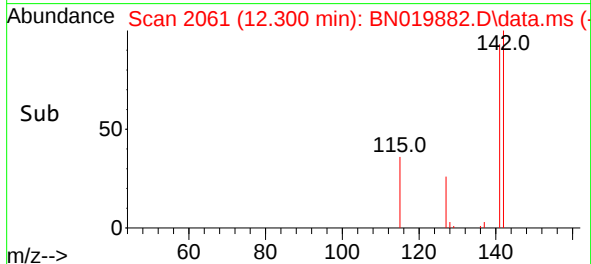
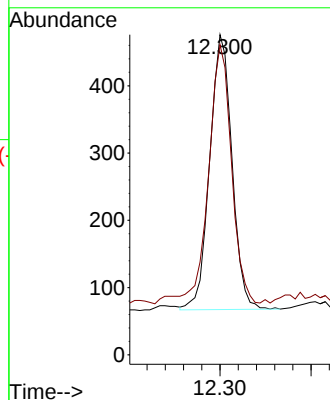
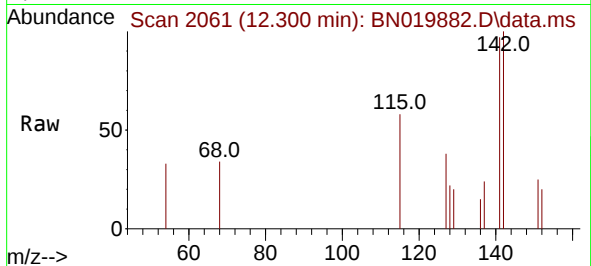




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

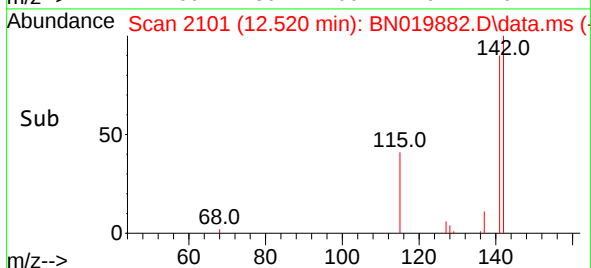
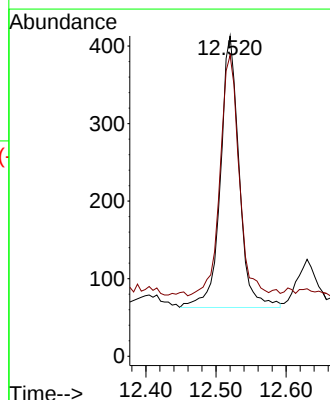
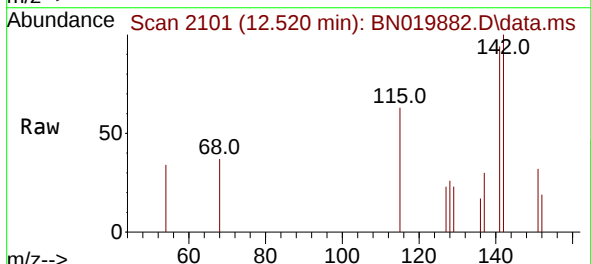
Instrument :
BNA_N
ClientSampleId :
EW4J3

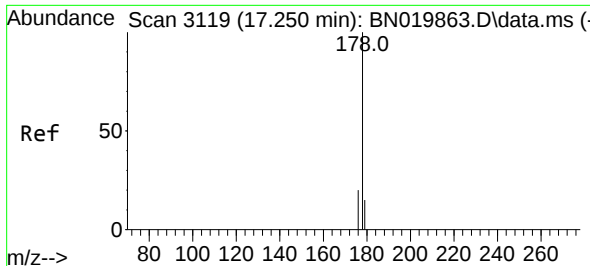
Tgt Ion:142 Resp: 693
Ion Ratio Lower Upper
142 100
141 98.1 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

Tgt Ion:142 Resp: 646
Ion Ratio Lower Upper
142 100
141 90.2 0.0 0.0#

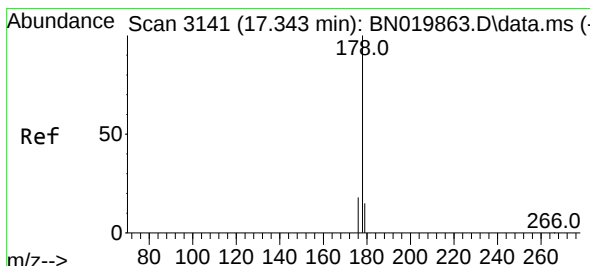
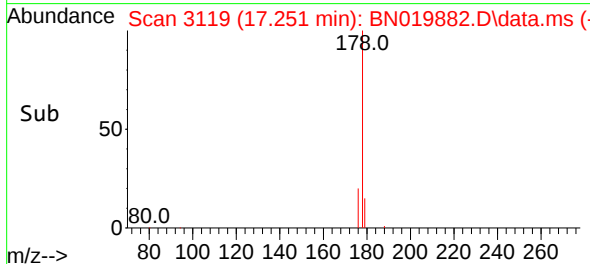
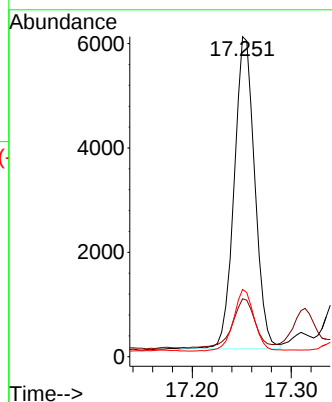
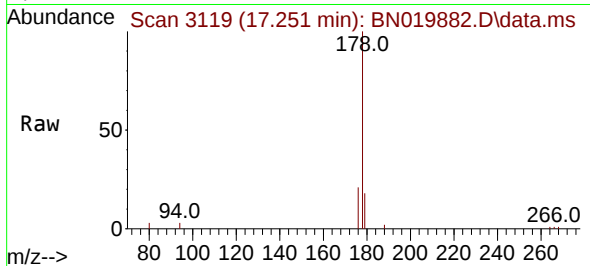




#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

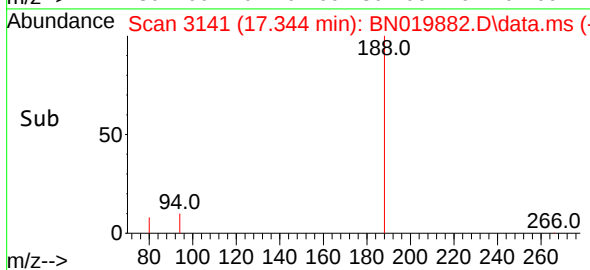
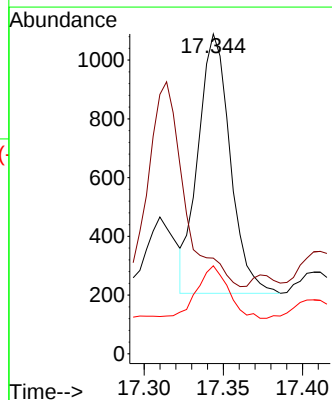
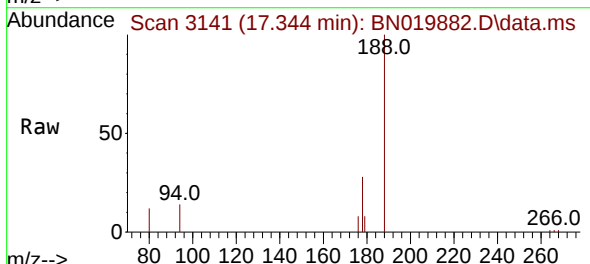
Instrument :
BNA_N
ClientSampleId :
EW4J3

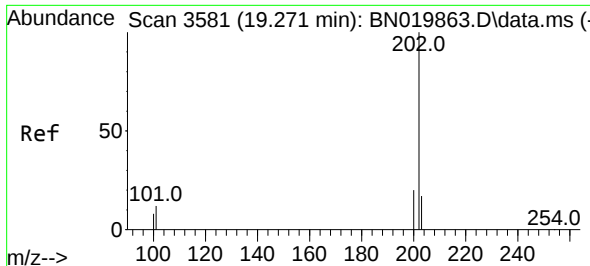
Tgt Ion:178 Resp: 8662
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 21.0 15.5 23.3



#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

Tgt Ion:178 Resp: 1246
Ion Ratio Lower Upper
178 100
179 29.9 13.1 19.7#
176 27.5 15.3 22.9#

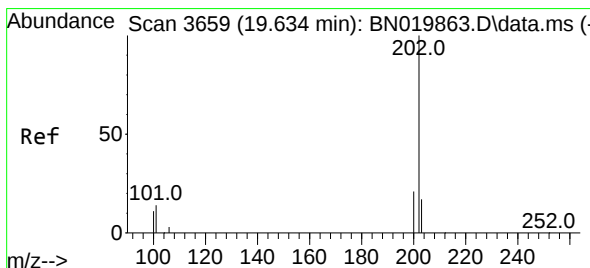
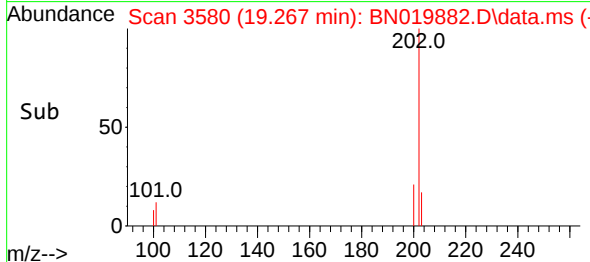
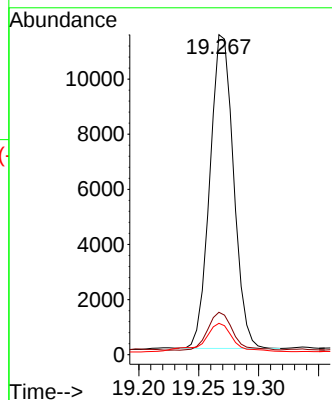
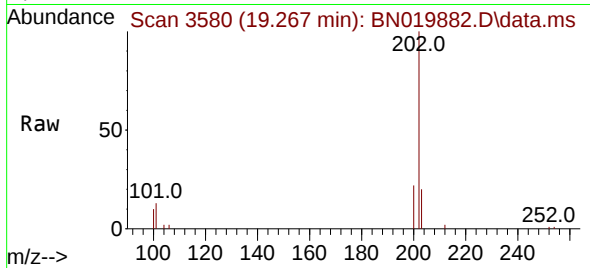




#19
Fluoranthene
Concen: 0.193 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

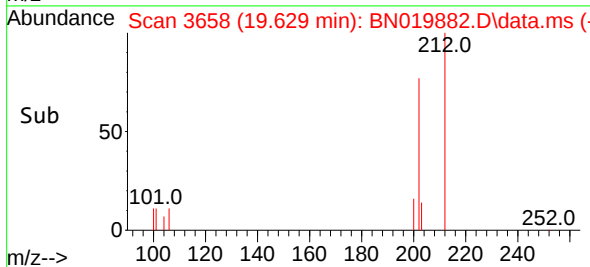
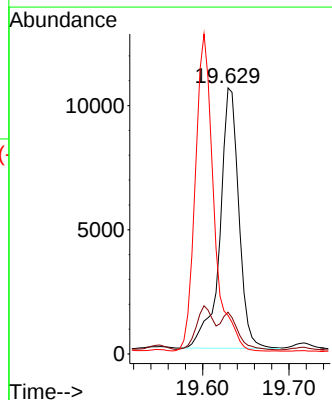
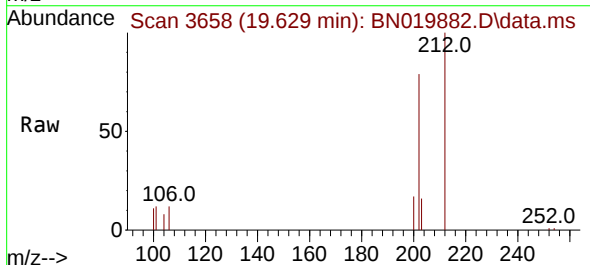
Instrument :
BNA_N
ClientSampleId :
EW4J3

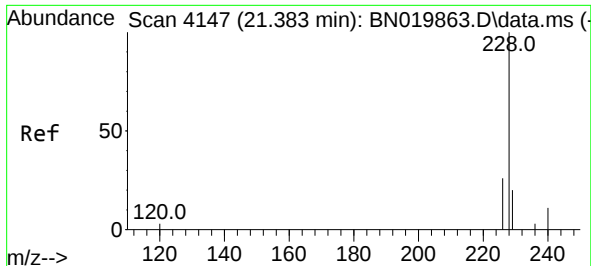
Tgt Ion:202 Resp: 15650
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
100 9.8 7.4 11.2



#20
Pyrene
Concen: 0.199 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

Tgt Ion:202 Resp: 16035
Ion Ratio Lower Upper
202 100
101 15.7 11.4 17.0
100 14.5 9.0 13.4#

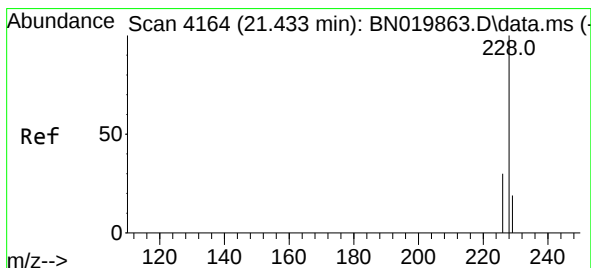
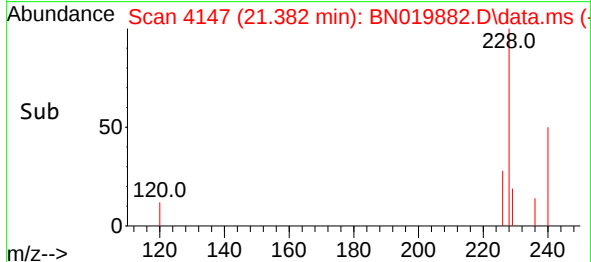
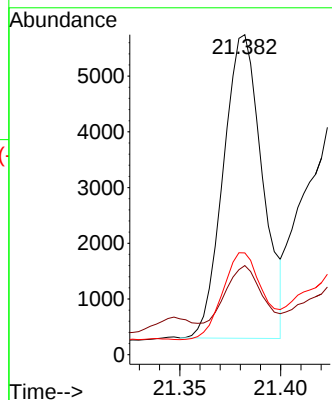
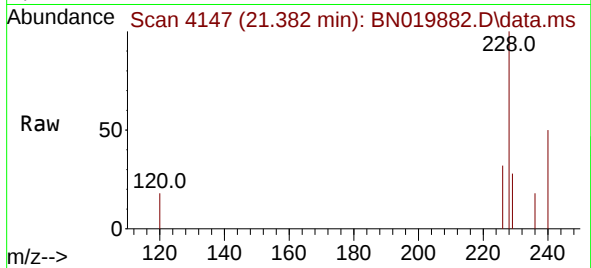




#21
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

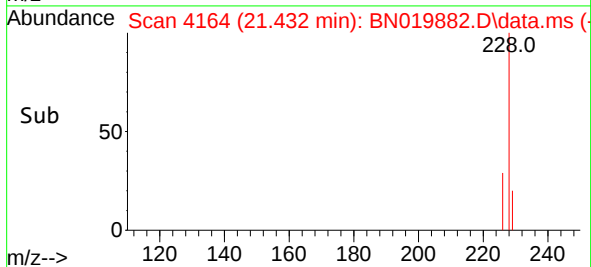
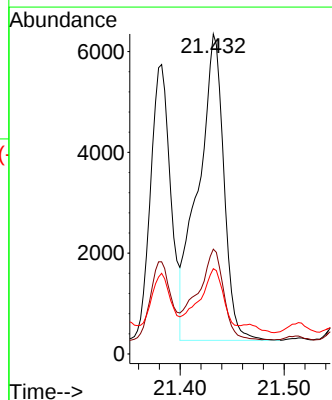
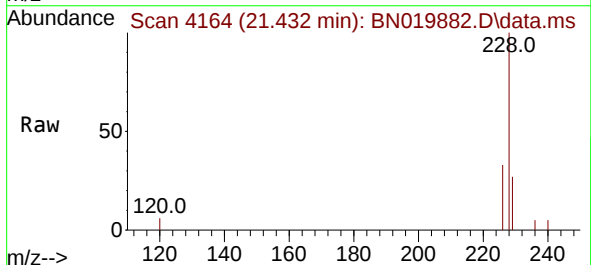
Instrument :
BNA_N
ClientSampleId :
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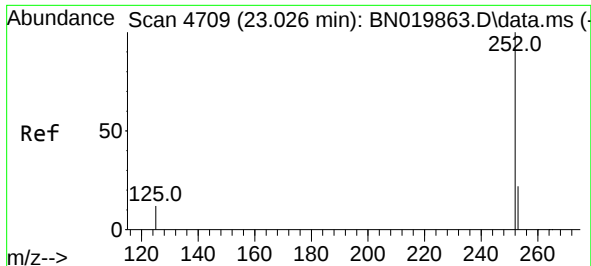
Tgt Ion:228 Resp: 7341
Ion Ratio Lower Upper
228 100
229 27.9 16.1 24.1#
226 31.8 22.1 33.1



#22
Chrysene
Concen: 0.134 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

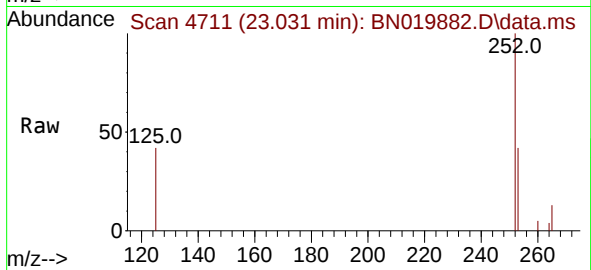
Tgt Ion:228 Resp: 10416
Ion Ratio Lower Upper
228 100
226 32.8 24.2 36.2
229 26.6 16.0 24.0#



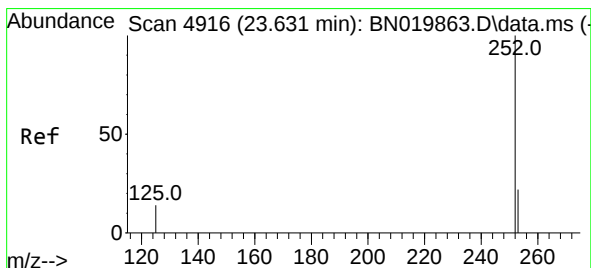
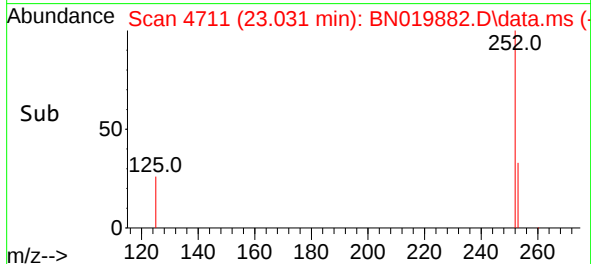
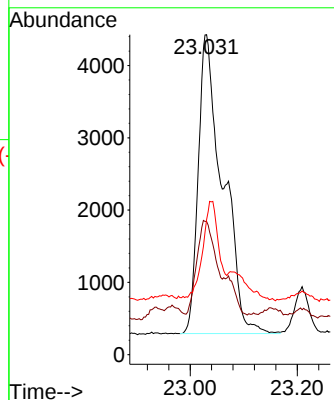


#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

Instrument :
BNA_N
ClientSampleId :
EW4J3

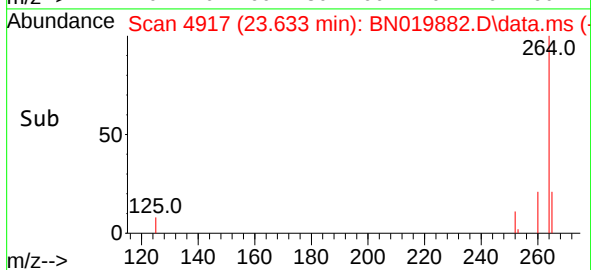
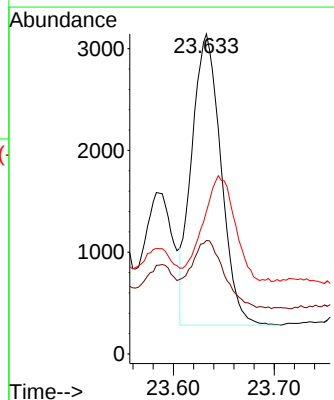
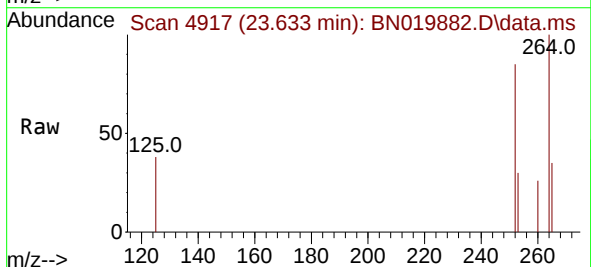


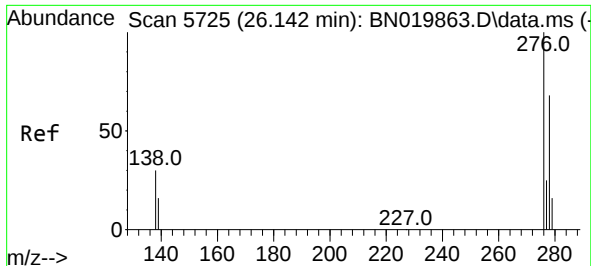
Tgt Ion:252 Resp: 13102
Ion Ratio Lower Upper
252 100
253 41.7 0.0 52.0
125 42.2 0.0 40.2#



#26
Benzo(a)pyrene
Concen: 0.094 ng/ul
RT: 23.633 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN019882.D
Acq: 20 May 2022 23:03

Tgt Ion:252 Resp: 5768
Ion Ratio Lower Upper
252 100
253 35.5 23.4 35.0#
125 44.6 28.3 42.5#

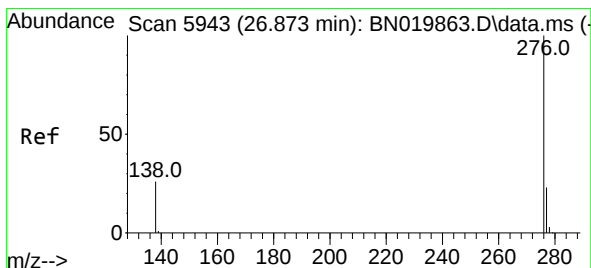
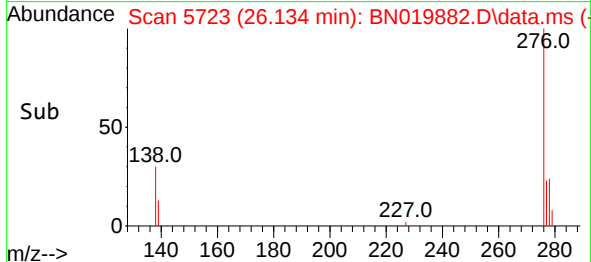
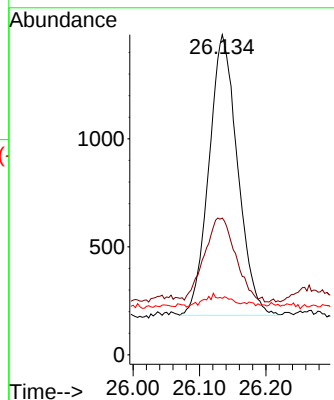
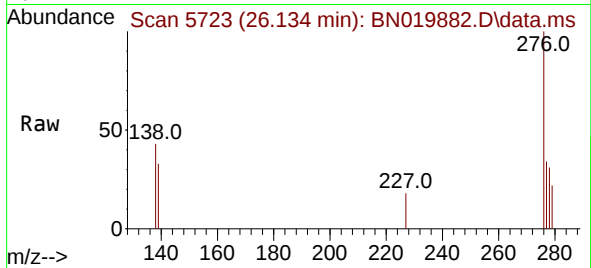




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.051 ng/ul
 RT: 26.134 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BN019882.D
 Acq: 20 May 2022 23:03

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Tgt Ion:276 Resp: 3882
 Ion Ratio Lower Upper
 276 100
 138 33.2 23.6 35.4
 227 4.8 0.0 0.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.050 ng/ul
 RT: 26.875 min Scan# 5944
 Delta R.T. -0.003 min
 Lab File: BN019882.D
 Acq: 20 May 2022 23:03

Tgt Ion:276 Resp: 3523
 Ion Ratio Lower Upper
 276 100
 138 42.1 20.9 31.3#
 277 36.6 20.4 30.6#

