

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022327.D
 Acq On : 25 Oct 2022 16:27
 Operator : CG/JU
 Sample : N5070-06DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:14:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

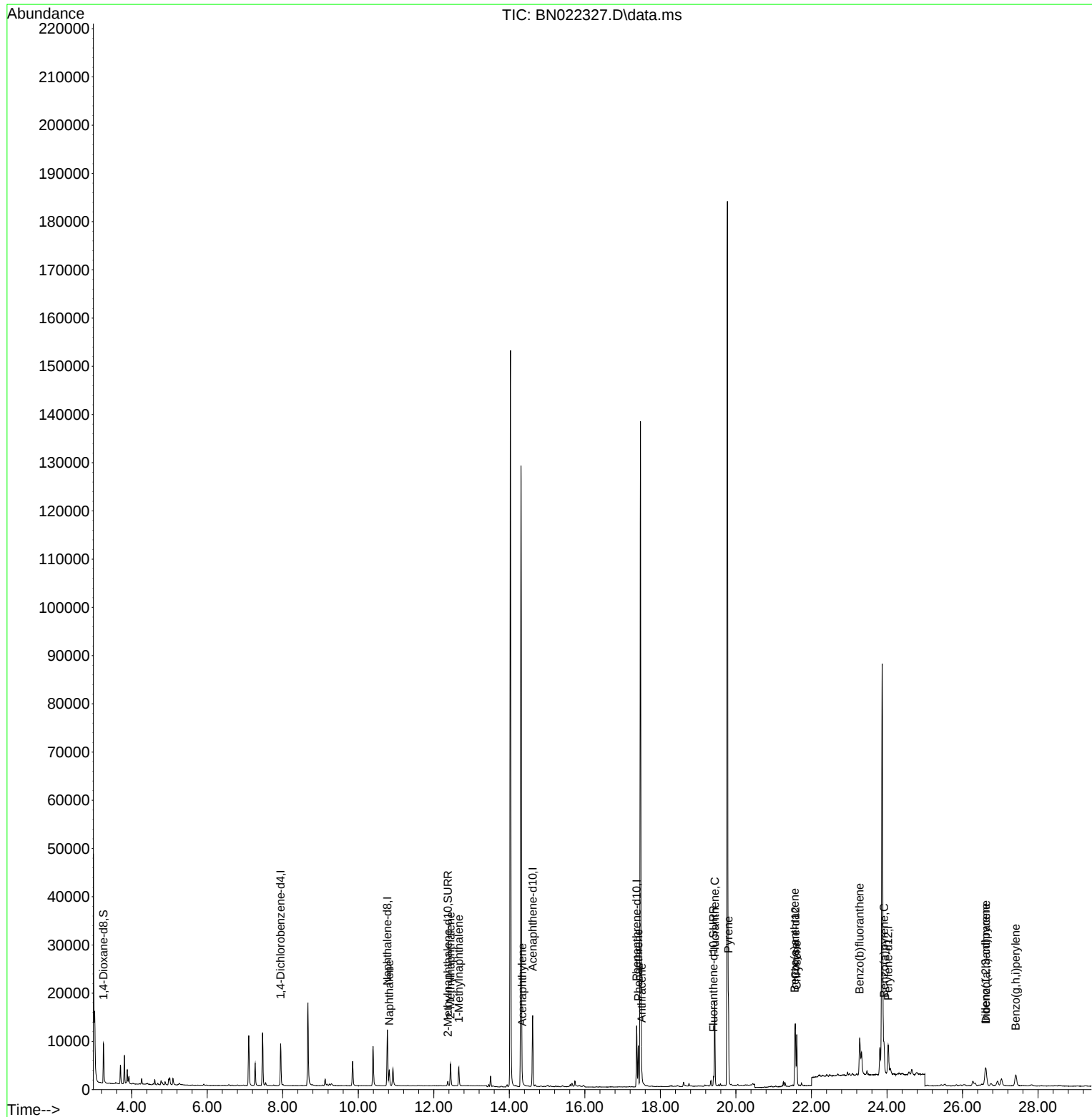
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15762	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8072	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	13962	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9447	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	8442	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	5324	0.902	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1311	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1892	0.060	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.822	128	4487	0.096	ng/ul	96
7) 2-Methylnaphthalene	12.444	142	3542	0.121	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	2891	0.096	ng/ul	99
10) Acenaphthylene	14.341	152	987	0.027	ng/ul#	75
15) Phenanthrene	17.417	178	8918	0.190	ng/ul	99
16) Anthracene	17.505	178	1141	0.029	ng/ul#	83
19) Fluoranthene	19.440	202	14563	0.337	ng/ul	100
20) Pyrene	19.802	202	13731	0.316	ng/ul	100
21) Benzo(a)anthracene	21.558	228	7425	0.210	ng/ul	95
22) Chrysene	21.611	228	10898	0.290	ng/ul	96
24) Benzo(b)fluoranthene	23.277	252	16657	0.393	ng/ul	86
26) Benzo(a)pyrene	23.920	252	7404	0.219	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.615	276	5872	0.140	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.622	278	2771	0.083	ng/ul#	67
29) Benzo(g,h,i)perylene	27.413	276	5053	0.148	ng/ul	92

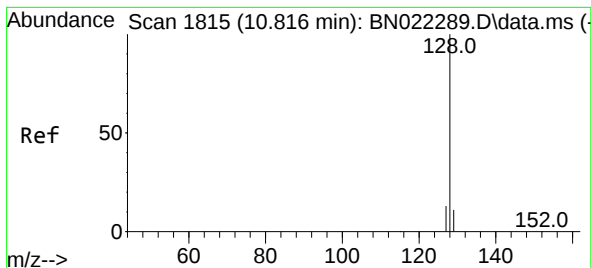
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.096 ng/ul

RT: 10.822 min Scan# 1816

Delta R.T. -0.000 min

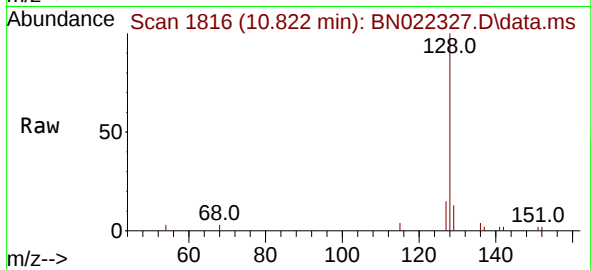
Lab File: BN022327.D

Acq: 25 Oct 2022 16:27

Instrument :

BNA_N

ClientSampleId :



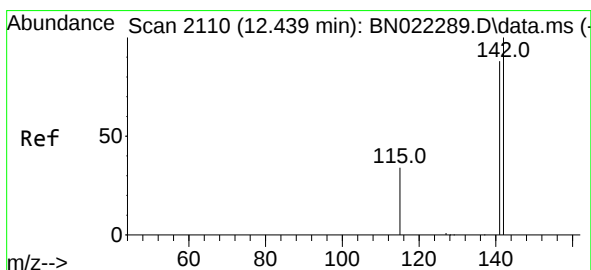
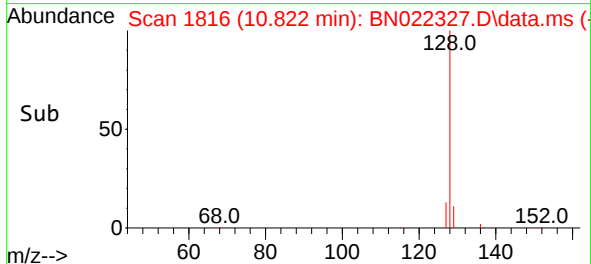
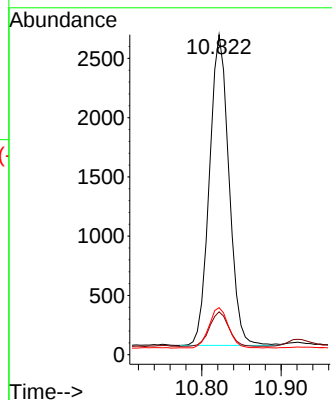
Tgt Ion:128 Resp: 4487

Ion Ratio Lower Upper

128 100

129 13.4 9.3 13.9

127 14.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.121 ng/ul

RT: 12.444 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BN022327.D

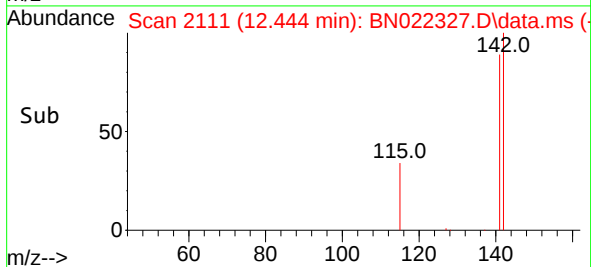
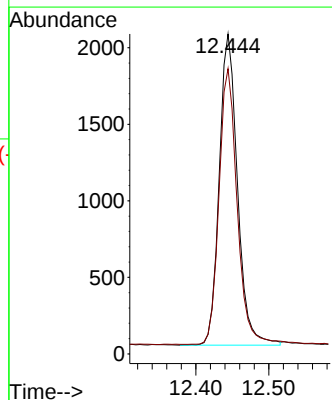
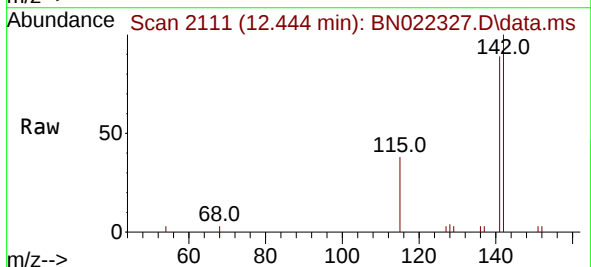
Acq: 25 Oct 2022 16:27

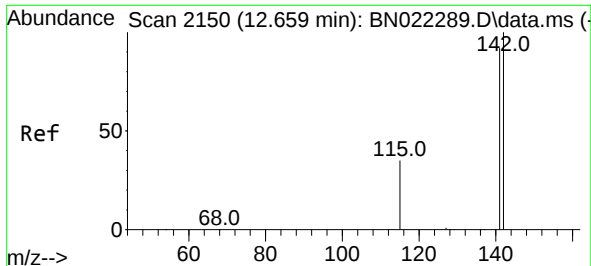
Tgt Ion:142 Resp: 3542

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7

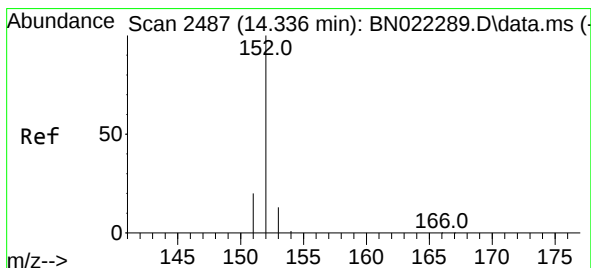
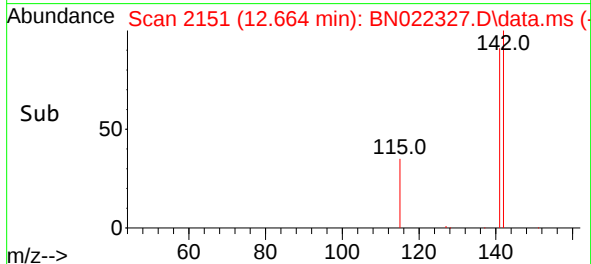
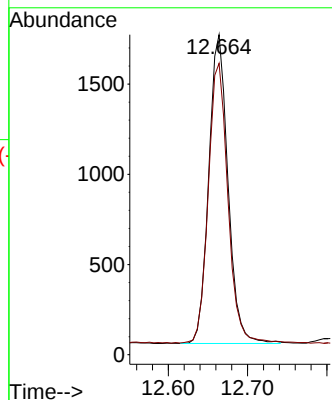
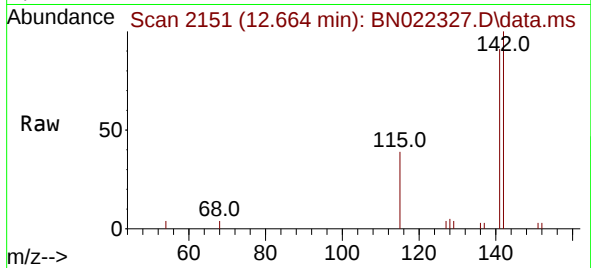




#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

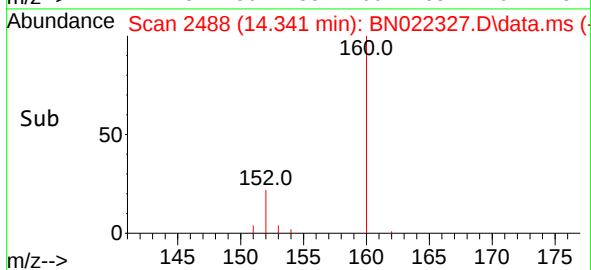
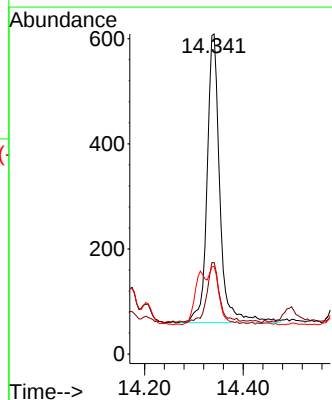
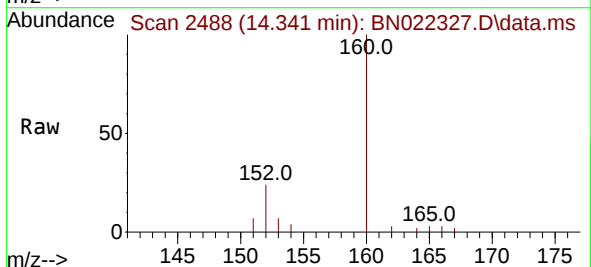
Instrument :
BNA_N
ClientSampleId :

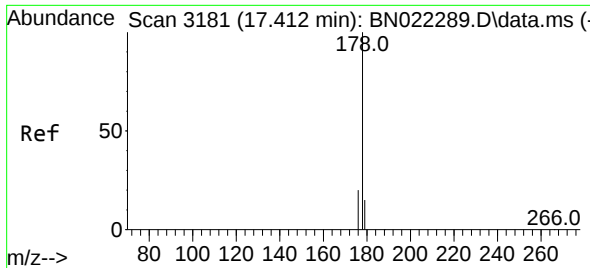
Tgt Ion:142 Resp: 2891
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

Tgt Ion:152 Resp: 987
Ion Ratio Lower Upper
152 100
151 28.6 15.9 23.9#
153 27.4 10.8 16.2#

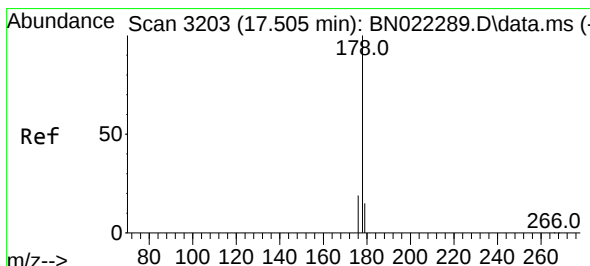
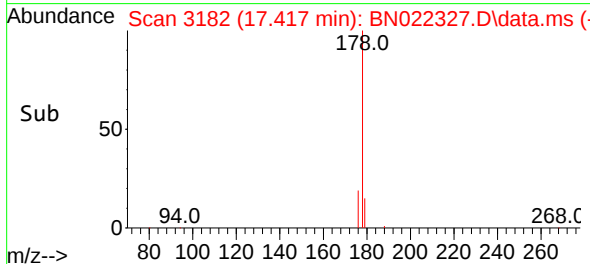
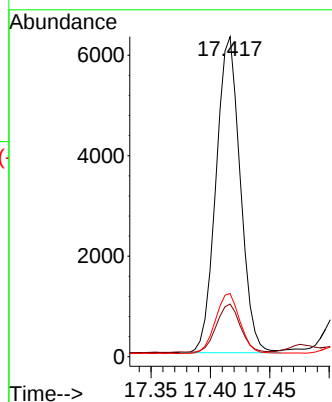
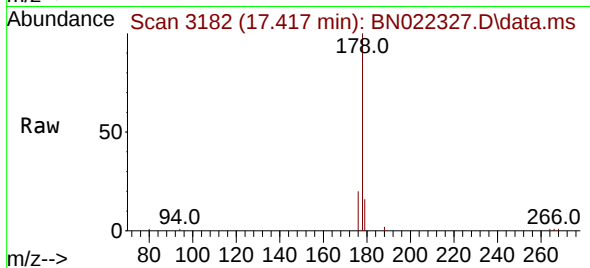




#15
Phenanthrene
Concen: 0.190 ng/ul
RT: 17.417 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

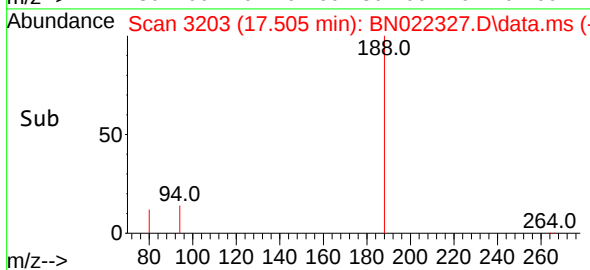
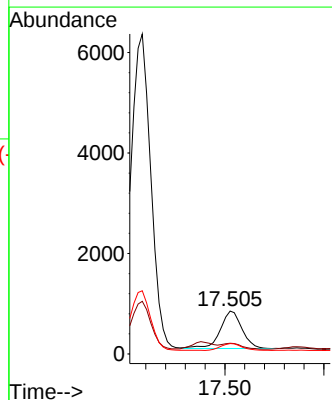
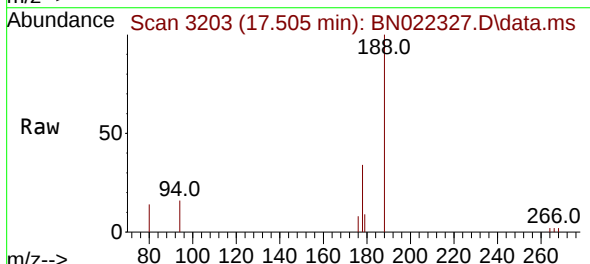
Instrument :
BNA_N
ClientSampleId :

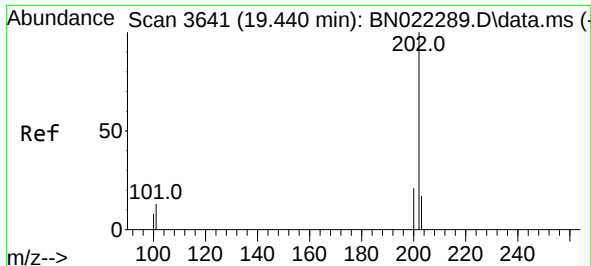
Tgt Ion:178 Resp: 8918
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 19.7 15.4 23.2



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

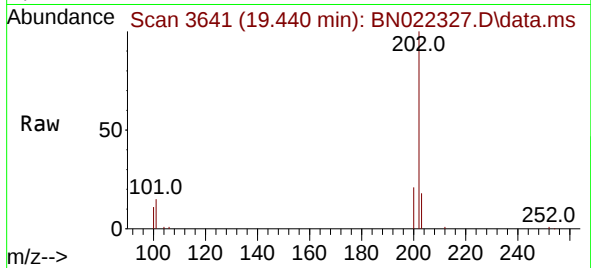
Tgt Ion:178 Resp: 1141
Ion Ratio Lower Upper
178 100
179 24.8 12.6 18.8#
176 24.4 15.0 22.6#



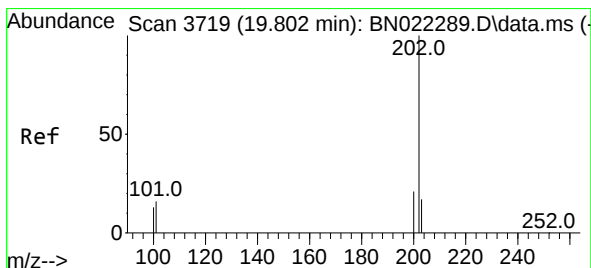
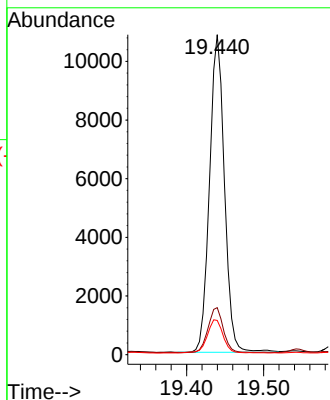
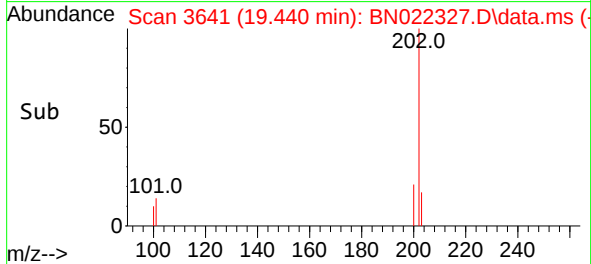


#19
Fluoranthene
Concen: 0.337 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

Instrument :
BNA_N
ClientSampleId :

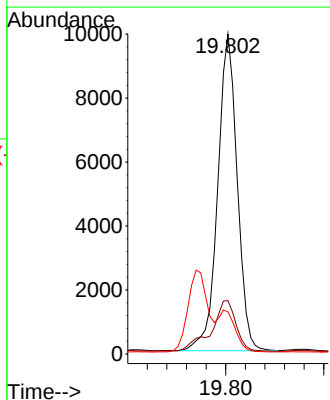
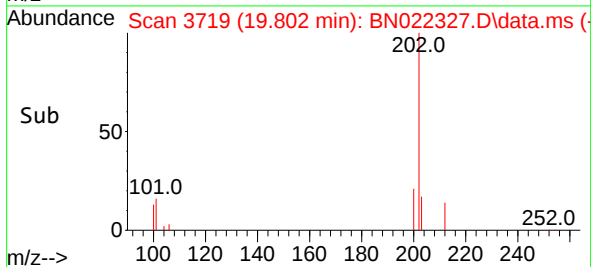
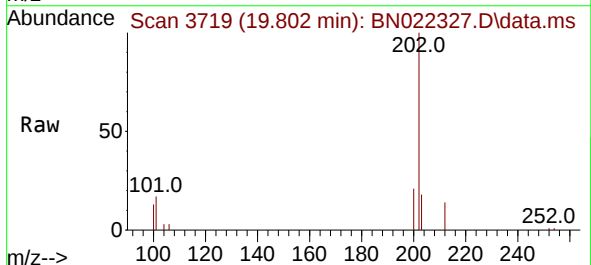


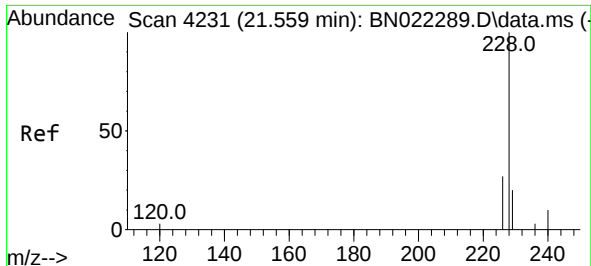
Tgt Ion:202 Resp: 14563
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 10.7 8.7 13.1



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

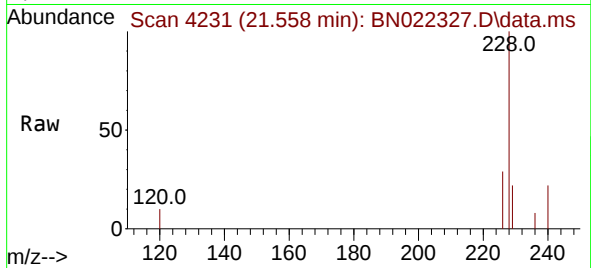
Tgt Ion:202 Resp: 13731
Ion Ratio Lower Upper
202 100
101 16.6 13.1 19.7
100 13.2 10.6 16.0



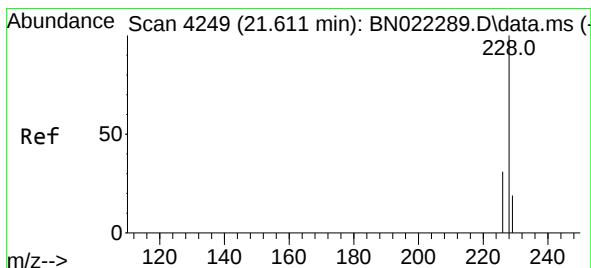
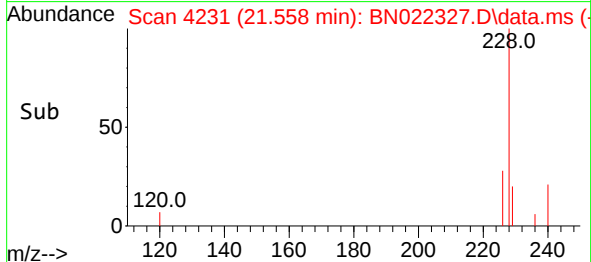
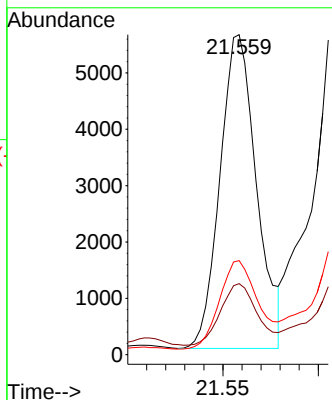


#21
Benzo(a)anthracene
Concen: 0.210 ng/ul
RT: 21.558 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

Instrument :
BNA_N
ClientSampleId :

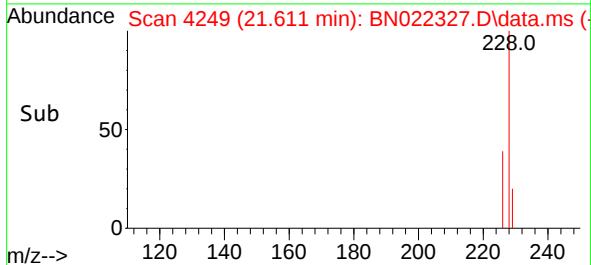
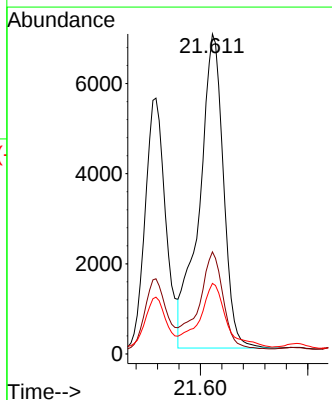
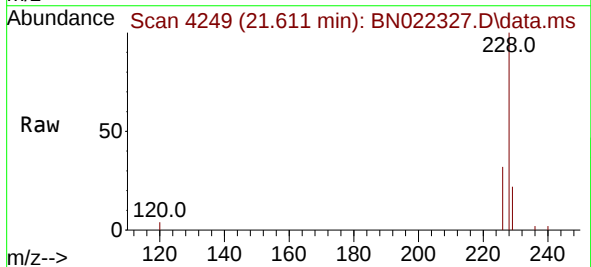


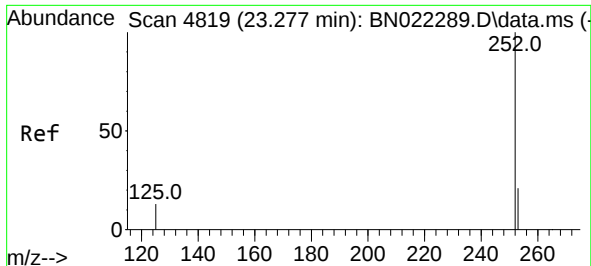
Tgt Ion:228 Resp: 7425
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 29.4 21.5 32.3



#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

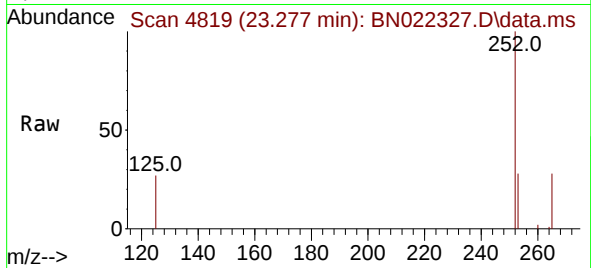
Tgt Ion:228 Resp: 10898
Ion Ratio Lower Upper
228 100
226 31.9 23.9 35.9
229 22.1 15.9 23.9



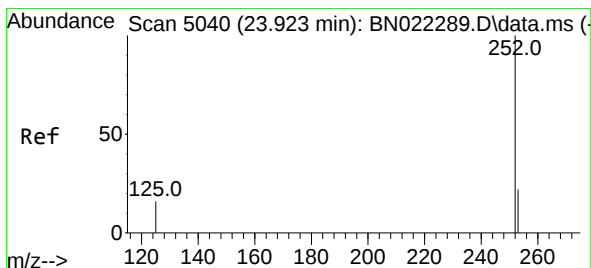
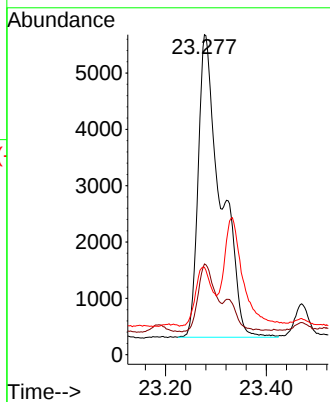
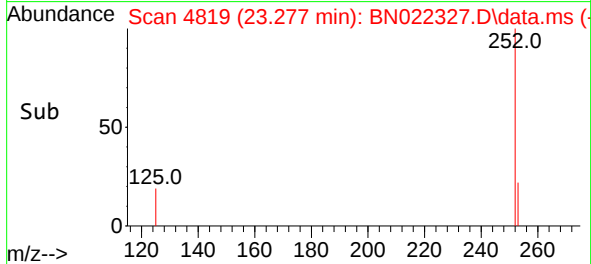


#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

Instrument :
BNA_N
ClientSampleId :

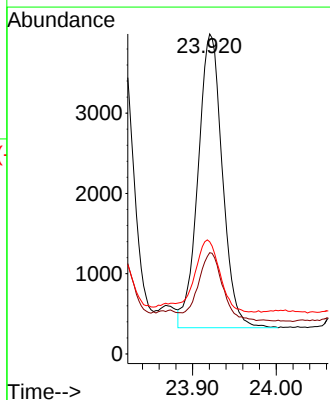
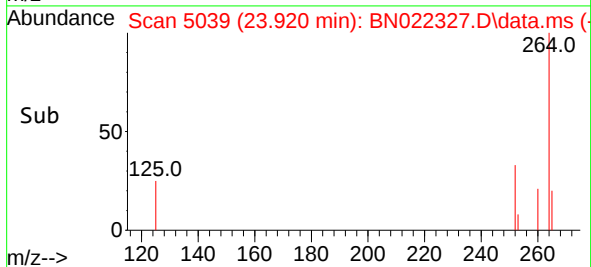
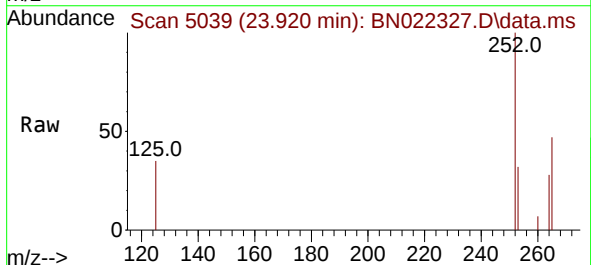


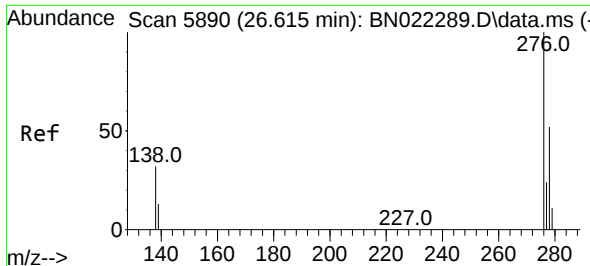
Tgt Ion:252 Resp: 16657
Ion Ratio Lower Upper
252 100
253 28.4 0.0 49.0
125 27.3 0.0 35.2



#26
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022327.D
Acq: 25 Oct 2022 16:27

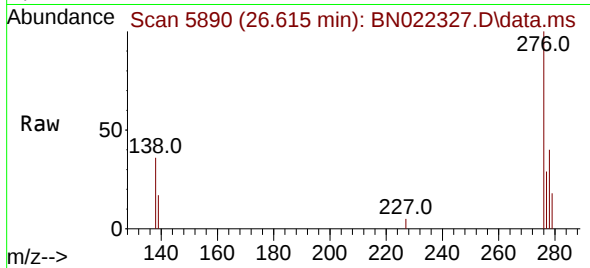
Tgt Ion:252 Resp: 7404
Ion Ratio Lower Upper
252 100
253 31.6 21.0 31.6#
125 35.1 17.9 26.9#



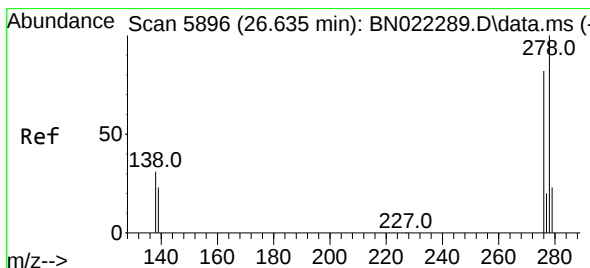
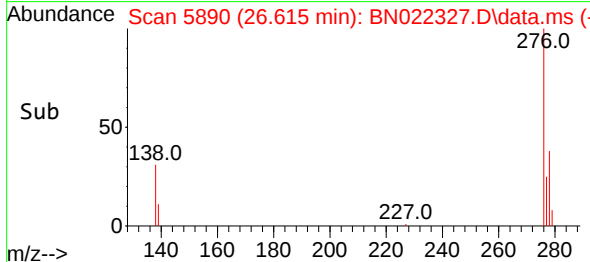
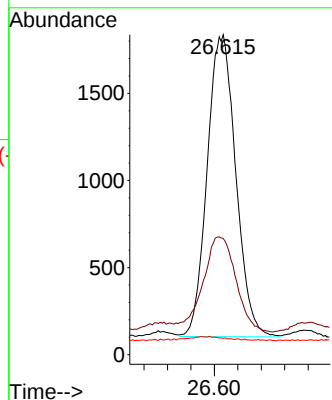


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.140 ng/ul
 RT: 26.615 min Scan# 5890
 Delta R.T. -0.000 min
 Lab File: BN022327.D
 Acq: 25 Oct 2022 16:27

Instrument :
 BNA_N
 ClientSampleId :

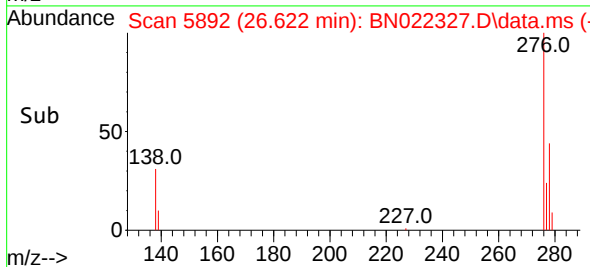
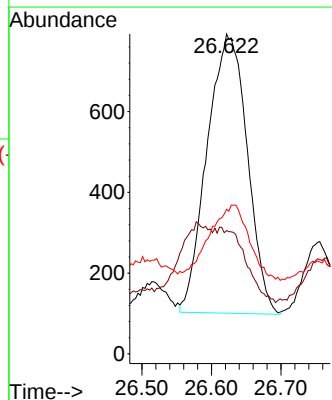
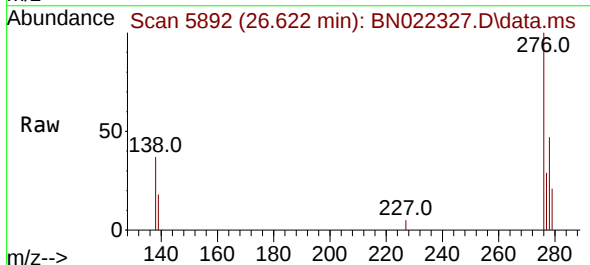


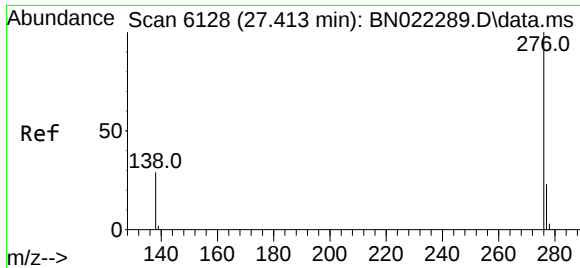
Tgt Ion:276 Resp: 5872
 Ion Ratio Lower Upper
 276 100
 138 35.9 27.7 41.5
 227 0.0 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.083 ng/ul
 RT: 26.622 min Scan# 5892
 Delta R.T. -0.017 min
 Lab File: BN022327.D
 Acq: 25 Oct 2022 16:27

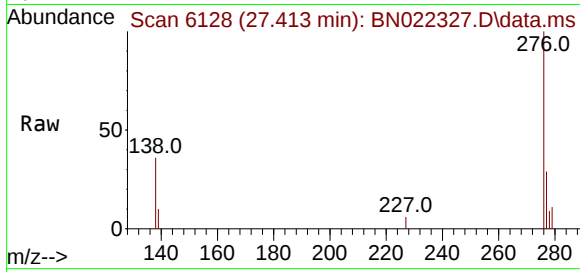
Tgt Ion:278 Resp: 2771
 Ion Ratio Lower Upper
 278 100
 139 38.5 19.6 29.4#
 279 45.2 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.148 ng/ul
 RT: 27.413 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN022327.D
 Acq: 25 Oct 2022 16:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	5053
Ion Ratio	Lower	Upper	
276	100		
138	35.7	25.2	37.8
277	29.2	19.9	29.9

