

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027849.D
 Acq On : 23 Sep 2023 06:43
 Operator : MA/JU
 Sample : 04332-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Quant Time: Sep 25 00:47:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

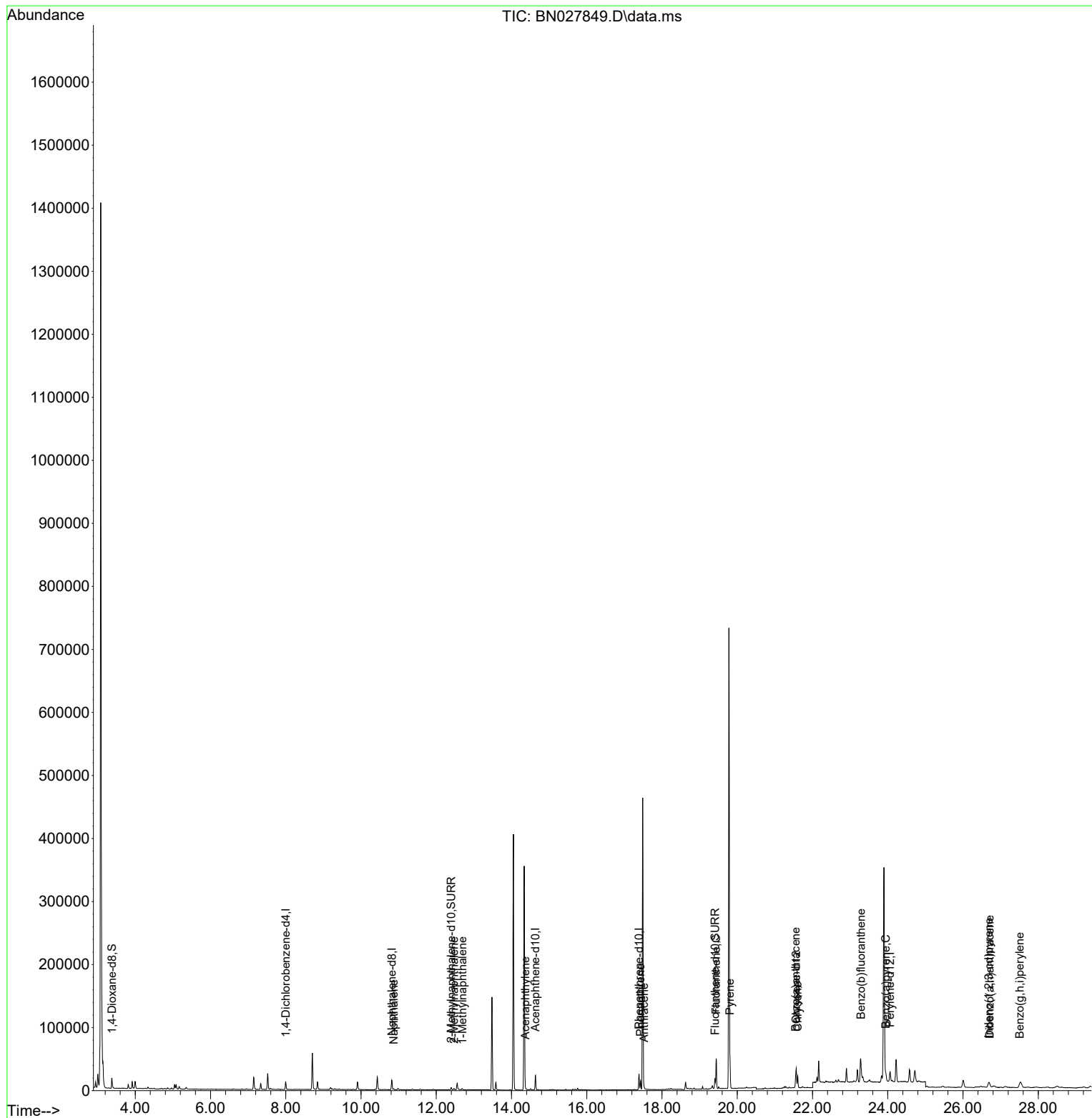
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	5911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	20723	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.638	164	12633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	28894	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	24455	0.400	ng/ul	# 0.00
23) Perylene-d12	24.065	264	22373	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	11129	1.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	4623	0.147	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	12147	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	1755	0.030	ng/ul#	81
7) 2-Methylnaphthalene	12.473	142	1497	0.040	ng/ul	98
8) 1-Methylnaphthalene	12.692	142	1277	0.033	ng/ul	100
10) Acenaphthylene	14.365	152	1609	0.029	ng/ul#	79
15) Phenanthrene	17.430	178	14532	0.160	ng/ul	98
16) Anthracene	17.523	178	1946	0.026	ng/ul#	75
19) Fluoranthene	19.441	202	40158	0.406	ng/ul	97
20) Pyrene	19.808	202	34617	0.340	ng/ul	100
21) Benzo(a)anthracene	21.551	228	14647	0.155	ng/ul#	91
22) Chrysene	21.606	228	19189	0.196	ng/ul#	92
24) Benzo(b)fluoranthene	23.290	252	35710	0.358	ng/ul#	1
26) Benzo(a)pyrene	23.948	252	13994	0.174	ng/ul#	2
27) Indeno(1,2,3-cd)pyrene	26.683	276	12350	0.120	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.706	278	3003	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	27.511	276	13307	0.152	ng/ul#	51

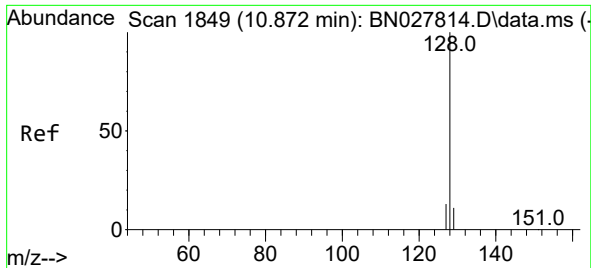
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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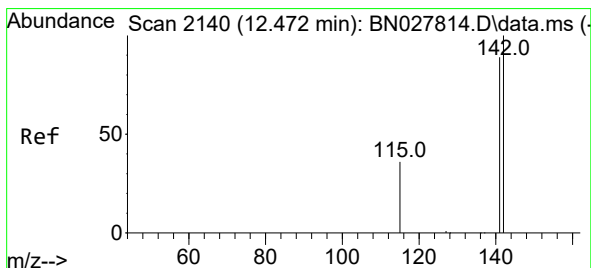
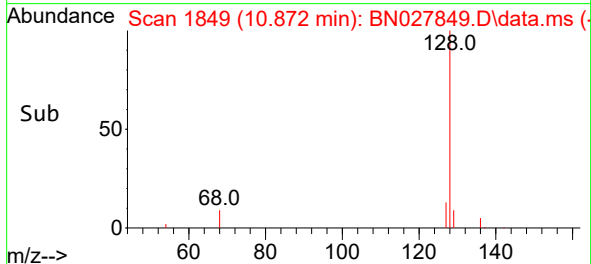
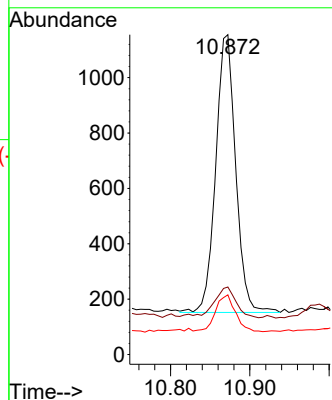
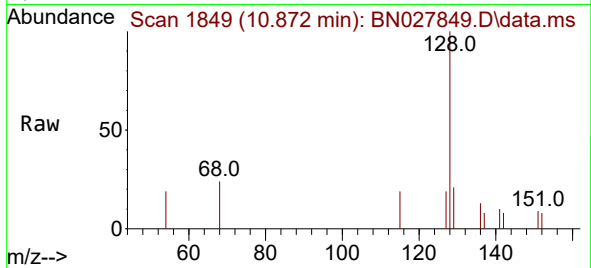




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

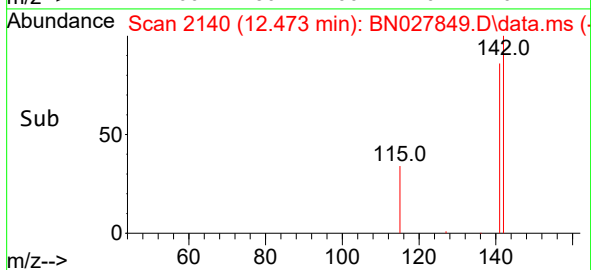
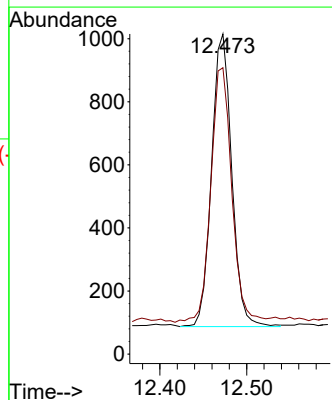
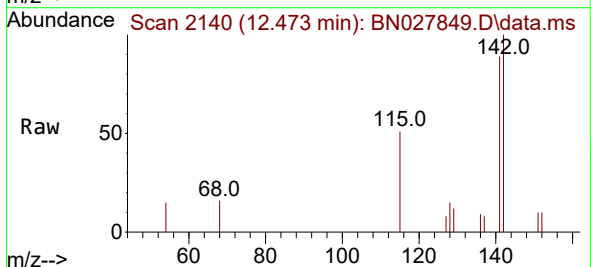
Instrument :
BNA_N
ClientSampleId :
C0AC3

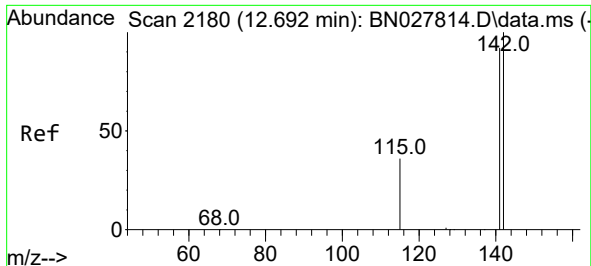
Tgt Ion:128 Resp: 1755
Ion Ratio Lower Upper
128 100
129 21.1 9.3 13.9#
127 18.7 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

Tgt Ion:142 Resp: 1497
Ion Ratio Lower Upper
142 100
141 91.1 71.1 106.7

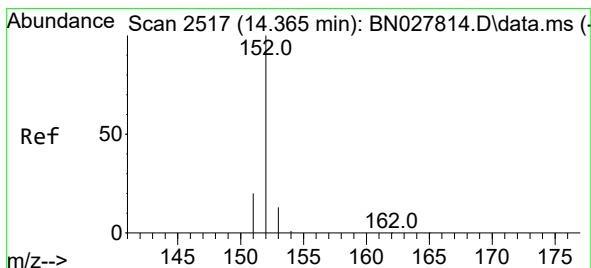
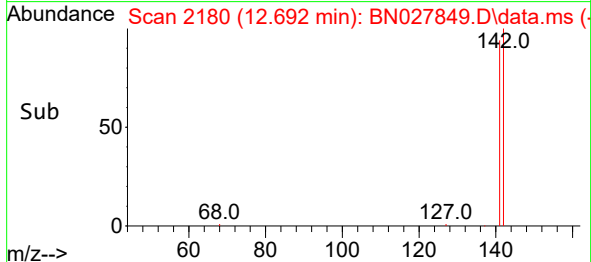
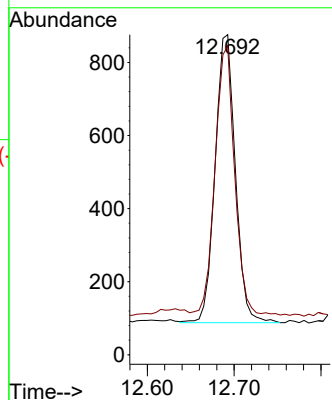
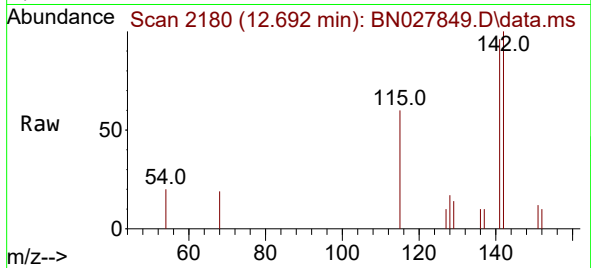




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

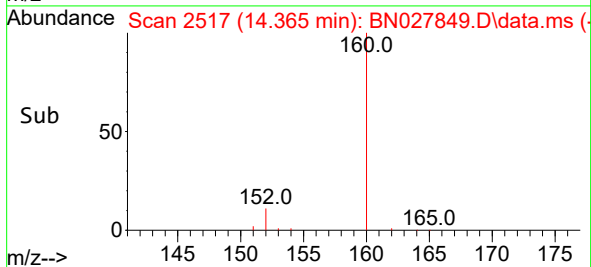
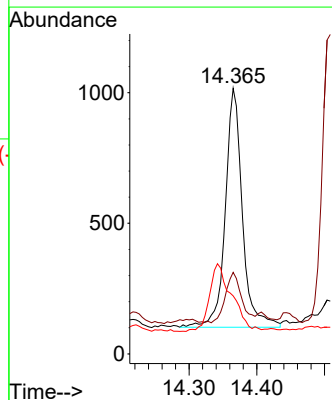
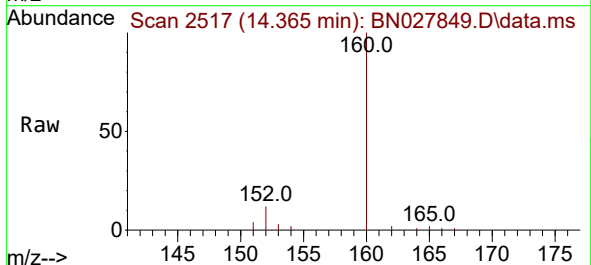
Instrument :
BNA_N
ClientSampleId :
C0AC3

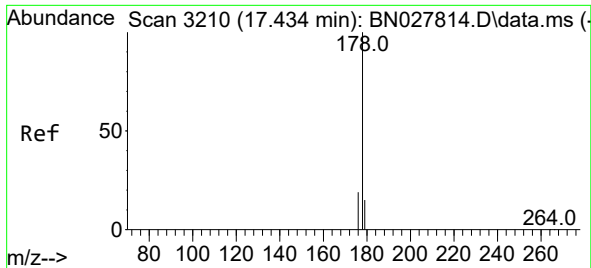
Tgt Ion:142 Resp: 1277
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

Tgt Ion:152 Resp: 1609
Ion Ratio Lower Upper
152 100
151 30.7 16.6 25.0#
153 21.8 11.0 16.6#

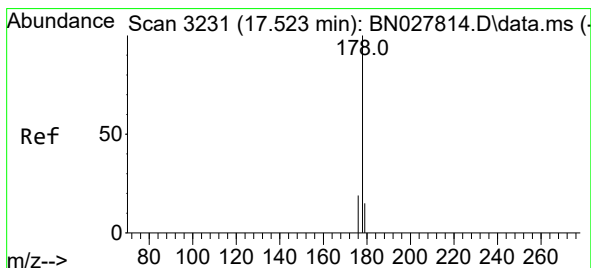
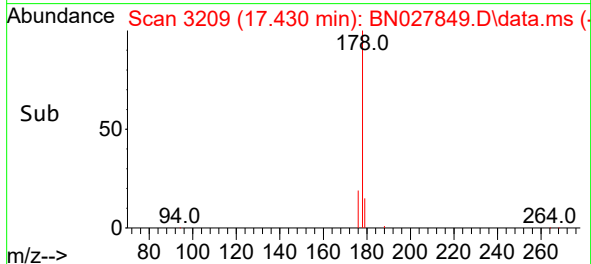
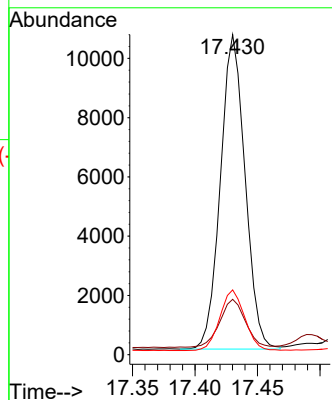
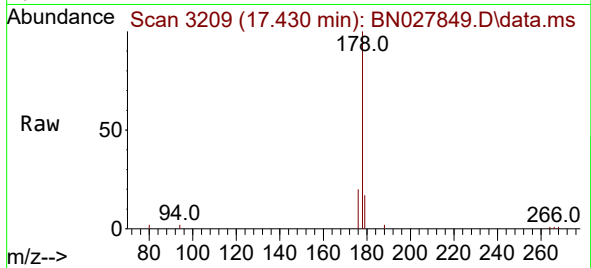




#15
Phenanthrene
Concen: 0.160 ng/ul
RT: 17.430 min Scan# 3210
Delta R.T. -0.004 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

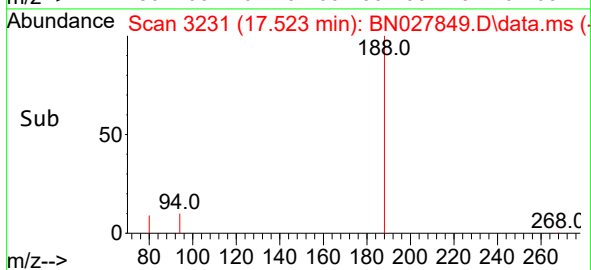
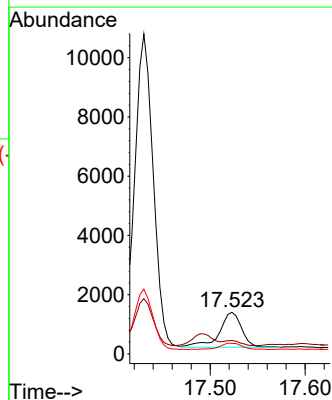
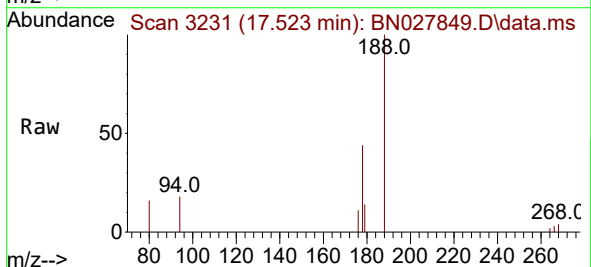
Instrument :
BNA_N
ClientSampleId :
C0AC3

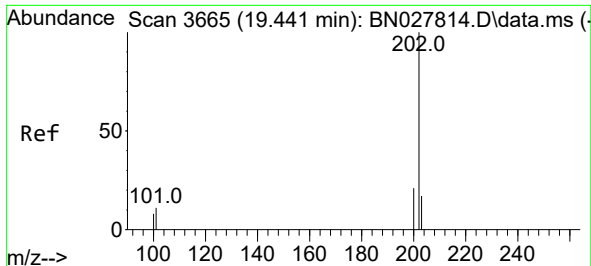
Tgt Ion:178 Resp: 14532
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

Tgt Ion:178 Resp: 1946
Ion Ratio Lower Upper
178 100
179 32.2 12.6 19.0#
176 25.6 15.5 23.3#

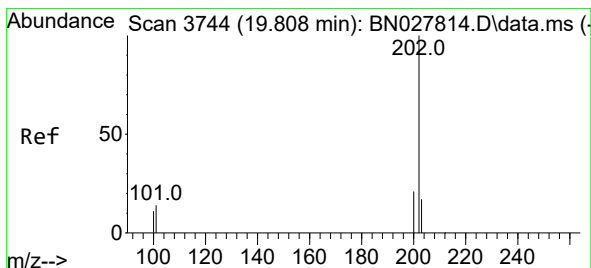
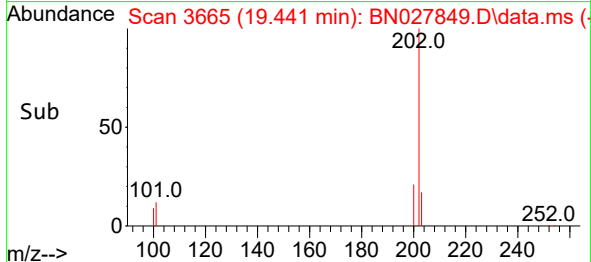
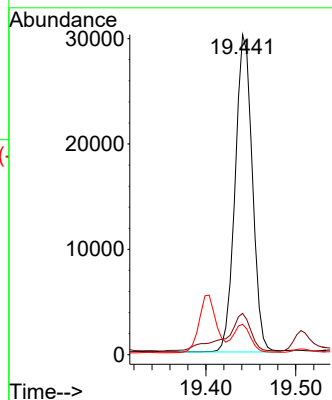
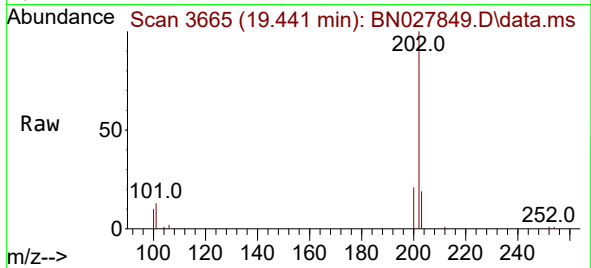




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

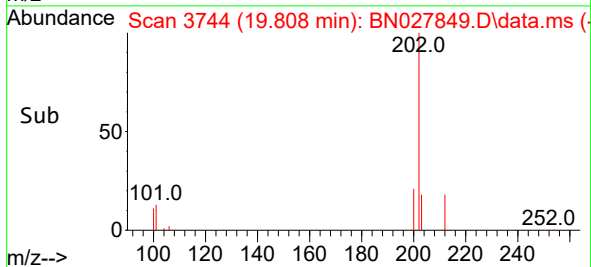
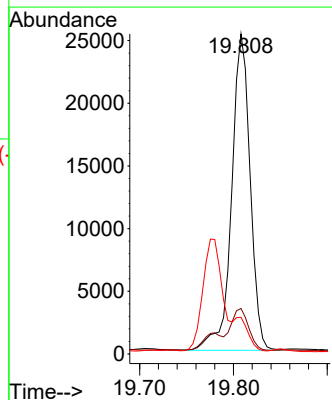
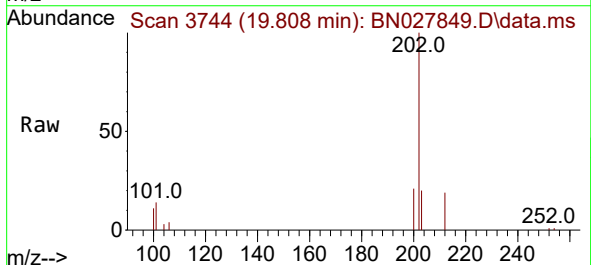
Instrument :
BNA_N
ClientSampleId :
C0AC3

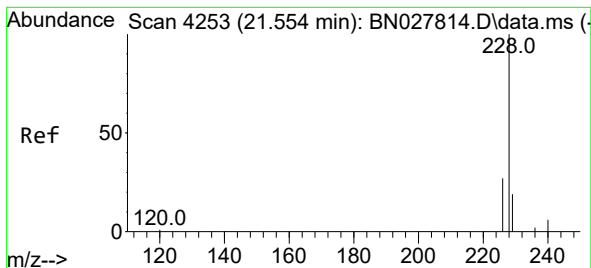
Tgt Ion:202 Resp: 40158
Ion Ratio Lower Upper
202 100
101 12.9 9.3 13.9
100 9.5 7.0 10.4



#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

Tgt Ion:202 Resp: 34617
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.5 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.155 ng/ul

RT: 21.551 min Scan# 4253

Delta R.T. -0.003 min

Lab File: BN027849.D

Acq: 23 Sep 2023 06:43

Instrument :

BNA_N

ClientSampleId :

C0AC3

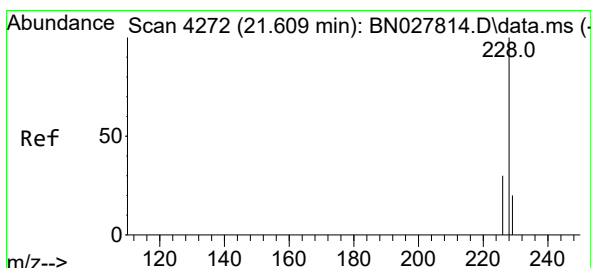
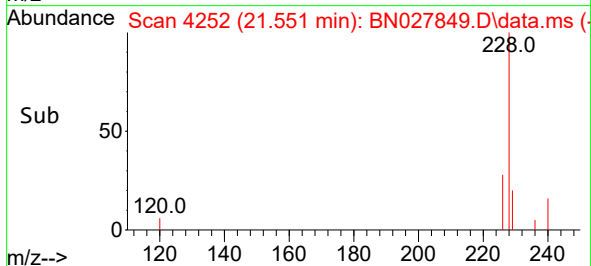
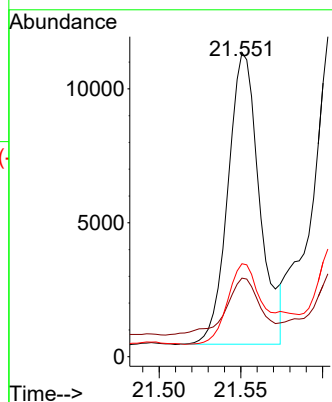
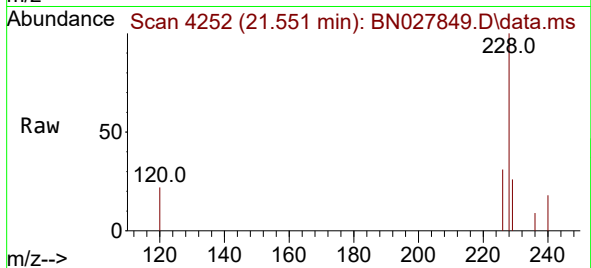
Tgt Ion:228 Resp: 14647

Ion Ratio Lower Upper

228 100

229 25.8 15.8 23.8#

226 30.6 22.0 33.0



#22

Chrysene

Concen: 0.196 ng/ul

RT: 21.606 min Scan# 4271

Delta R.T. -0.003 min

Lab File: BN027849.D

Acq: 23 Sep 2023 06:43

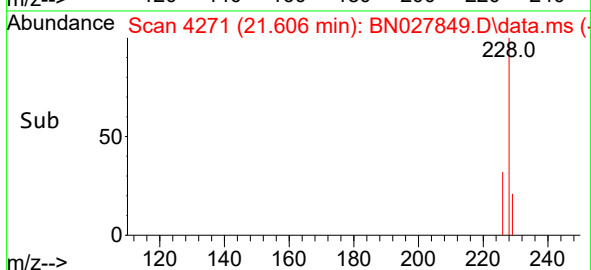
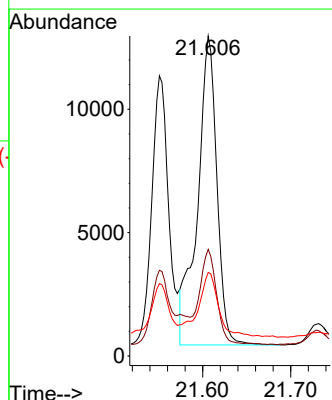
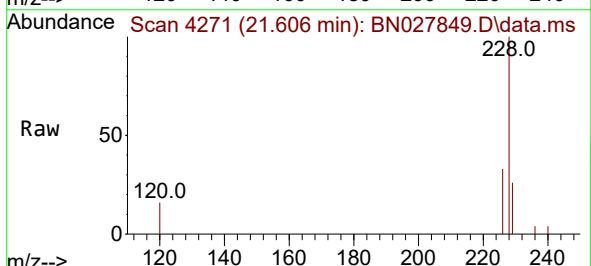
Tgt Ion:228 Resp: 19189

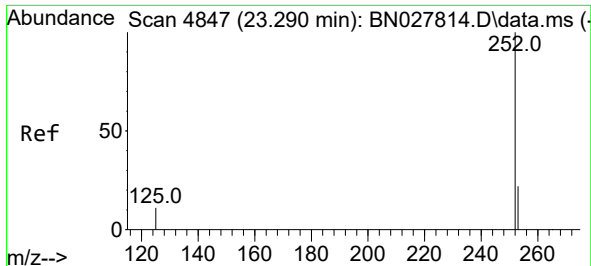
Ion Ratio Lower Upper

228 100

226 33.3 24.5 36.7

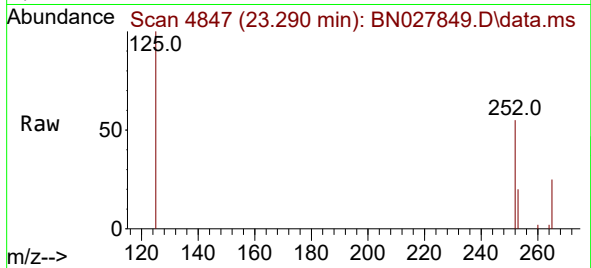
229 26.1 16.0 24.0#



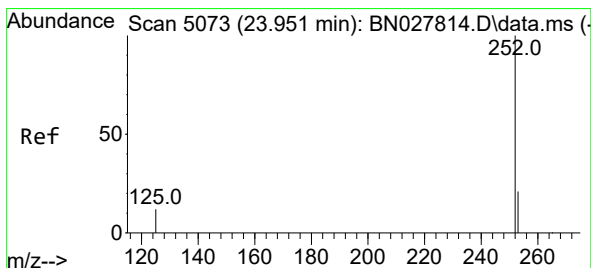
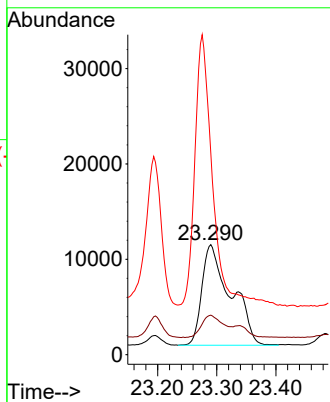
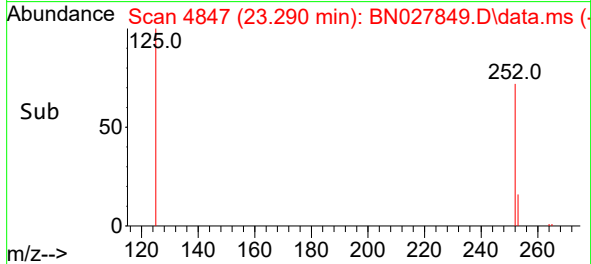


#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 23.290 min Scan# 4847
Delta R.T. 0.000 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

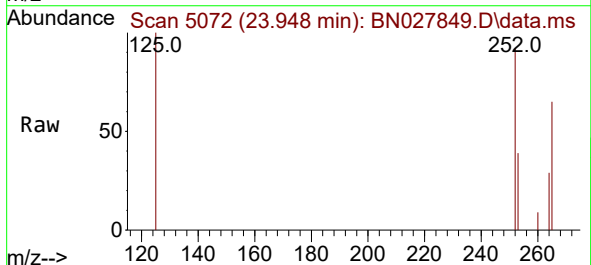
Instrument :
BNA_N
ClientSampleId :
C0AC3



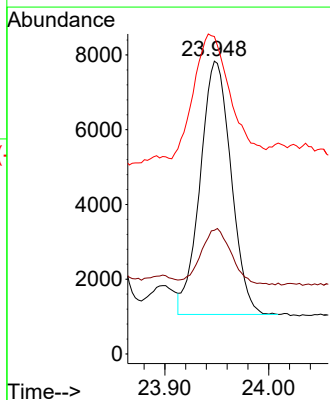
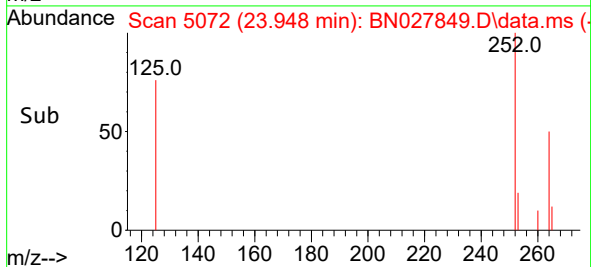
Tgt Ion:252 Resp: 35710
Ion Ratio Lower Upper
252 100
253 35.9 0.0 50.2
125 182.8 0.0 31.4#

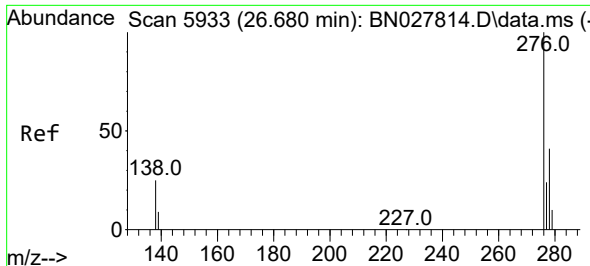


#26
Benzo(a)pyrene
Concen: 0.174 ng/ul
RT: 23.948 min Scan# 5072
Delta R.T. -0.003 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43



Tgt Ion:252 Resp: 13994
Ion Ratio Lower Upper
252 100
253 42.2 21.9 32.9#
125 108.4 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.120 ng/ul

RT: 26.683 min Scan# 5933

Delta R.T. 0.000 min

Lab File: BN027849.D

Acq: 23 Sep 2023 06:43

Instrument :

BNA_N

ClientSampleId :

C0AC3

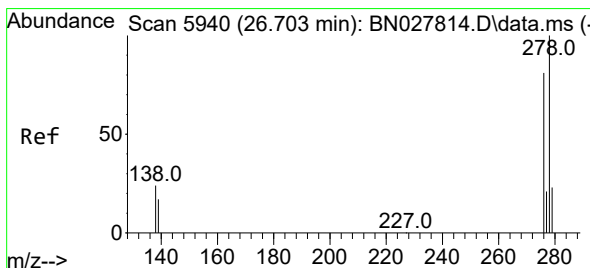
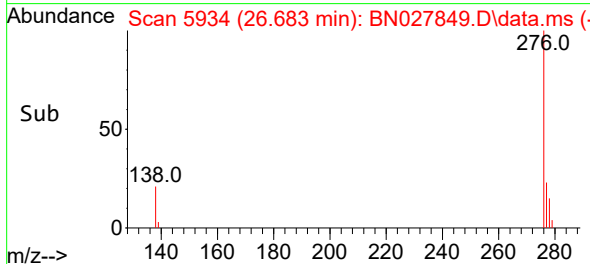
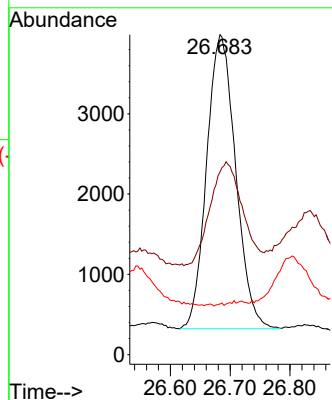
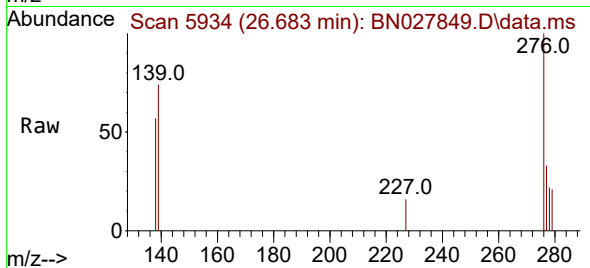
Tgt Ion:276 Resp: 12350

Ion Ratio Lower Upper

276 100

138 40.6 24.3 36.5#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

RT: 26.706 min Scan# 5941

Delta R.T. 0.000 min

Lab File: BN027849.D

Acq: 23 Sep 2023 06:43

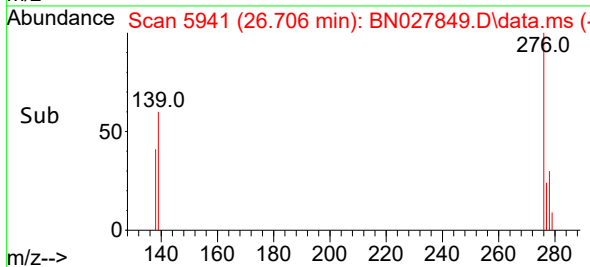
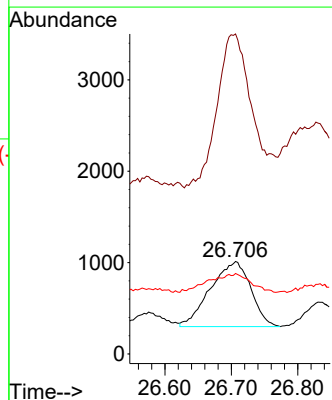
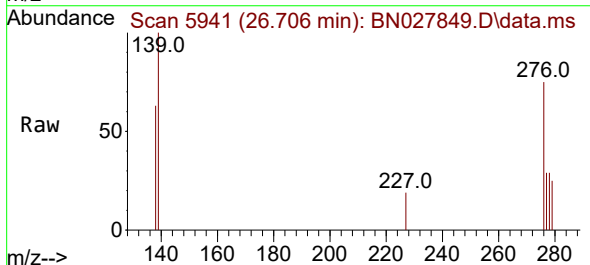
Tgt Ion:278 Resp: 3003

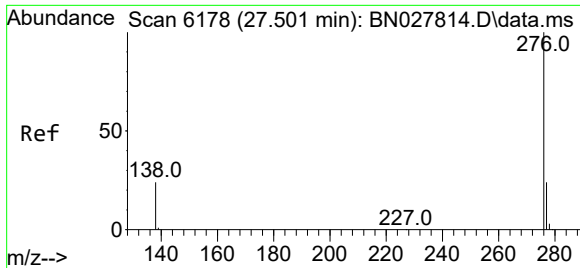
Ion Ratio Lower Upper

278 100

139 346.0 17.2 25.8#

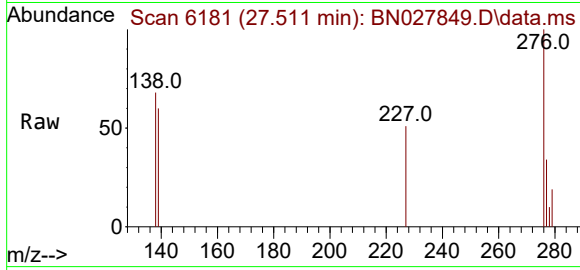
279 87.0 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.152 ng/ul
 RT: 27.511 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN027849.D
 Acq: 23 Sep 2023 06:43

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3



Tgt Ion:276 Resp: 13307
 Ion Ratio Lower Upper
 276 100
 138 68.0 21.7 32.5#
 277 34.0 20.2 30.2#

