

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028733.D
 Acq On : 18 Nov 2023 11:07
 Operator : MA/JU
 Sample : PB157216BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

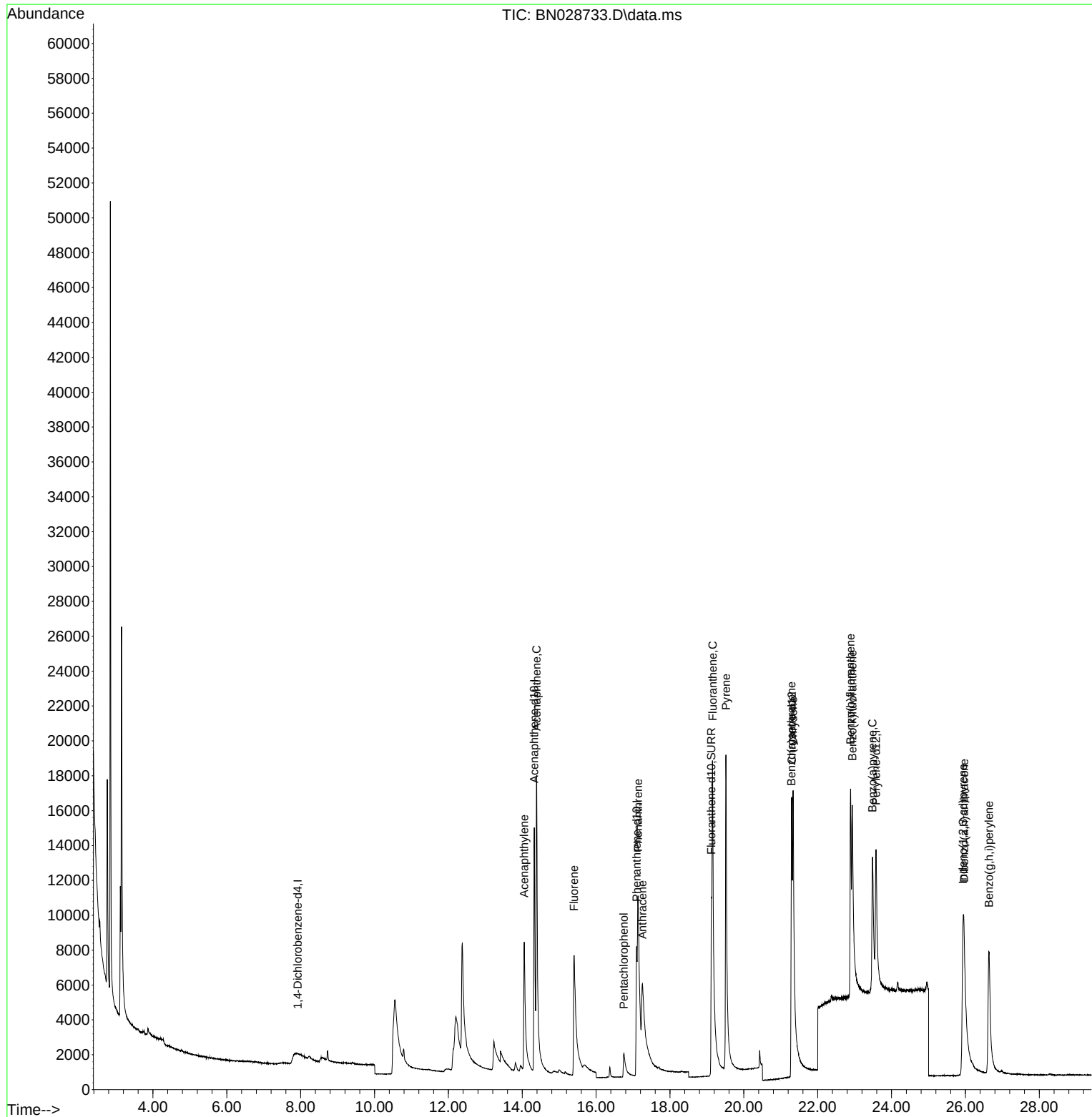
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2157	0.400	ng/ul	# 0.12
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.325	164	12013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	16413	0.400	ng/ul	0.00
17) Chrysene-d12	21.300	240	14627	0.400	ng/ul	# 0.00
23) Perylene-d12	23.580	264	14448	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.144	152	4279	0.000	ng/ul	0.03
18) Fluoranthene-d10	19.121	212	20030	0.426	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.052	152	19290	0.322	ng/ul	98
11) Acenaphthene	14.389	153	16136	0.366	ng/ul	99
12) Fluorene	15.403	166	13406	0.261	ng/ul	98
14) Pentachlorophenol	16.751	266	2338	0.594	ng/ul	98
15) Phenanthrene	17.136	178	20736	0.411	ng/ul	97
16) Anthracene	17.254	178	10355	0.224	ng/ul#	94
19) Fluoranthene	19.154	202	25222	0.405	ng/ul	98
20) Pyrene	19.516	202	29274	0.454	ng/ul	96
21) Benzo(a)anthracene	21.286	228	13707	0.237	ng/ul	98
22) Chrysene	21.335	228	21002	0.371	ng/ul	99
24) Benzo(b)fluoranthene	22.890	252	18266	0.337	ng/ul	86
25) Benzo(k)fluoranthene	22.937	252	22190	0.391	ng/ul#	90
26) Benzo(a)pyrene	23.484	252	19347	0.378	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.933	276	23343	0.411	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.963	278	17393	0.383	ng/ul#	92
29) Benzo(g,h,i)perylene	26.641	276	21144	0.454	ng/ul	96

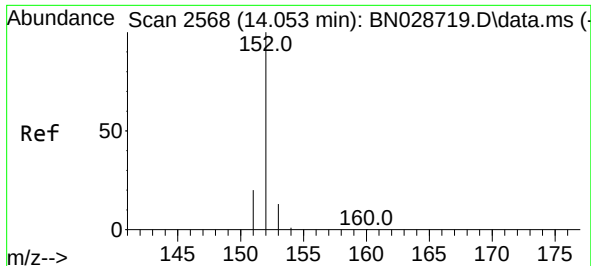
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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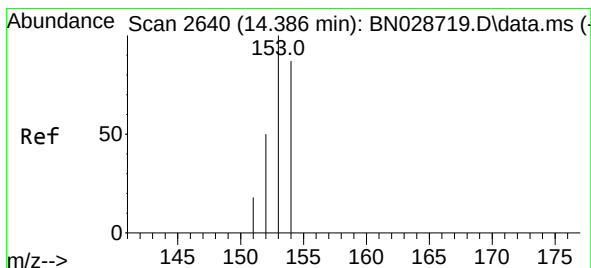
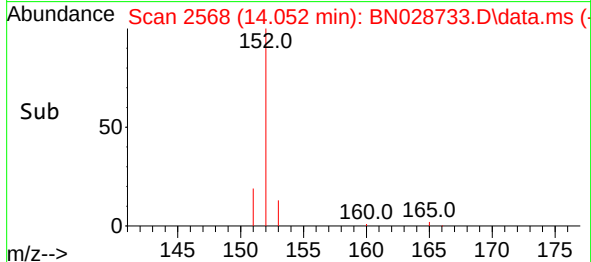
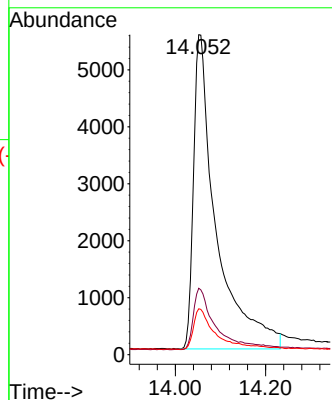
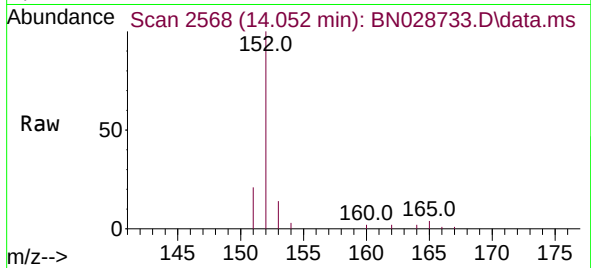




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.052 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

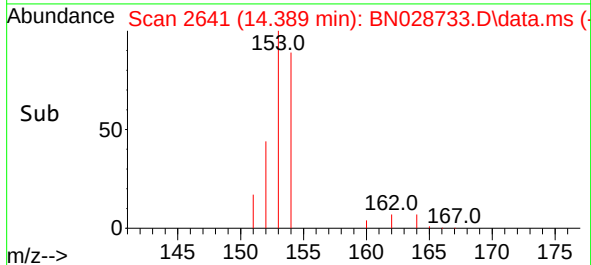
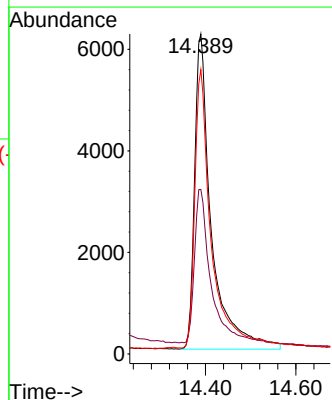
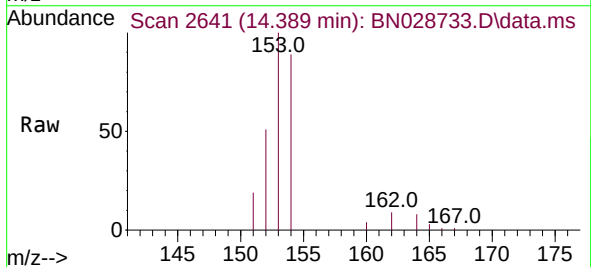
Instrument :
BNA_M
ClientSampleId :

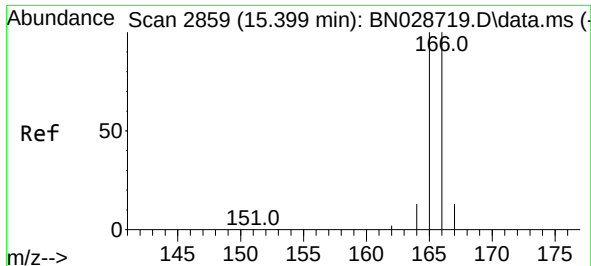
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	14.3	10.6	15.8



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.389 min Scan# 2641
Delta R.T. -0.000 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

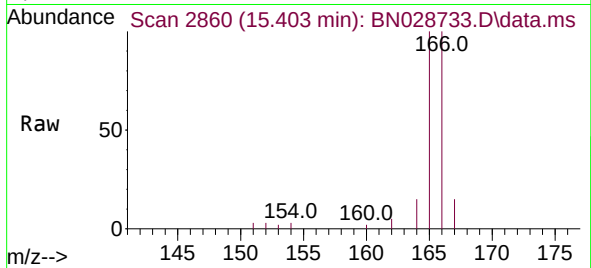
Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.6	59.4
154	88.9	71.0	106.6



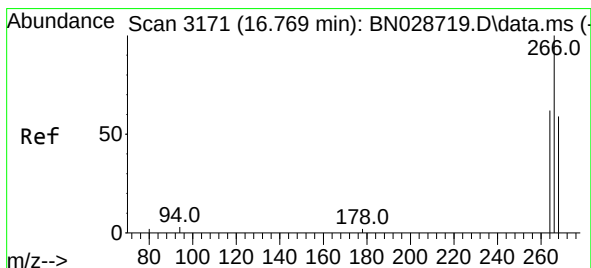
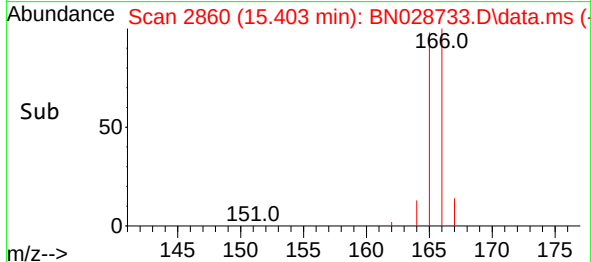
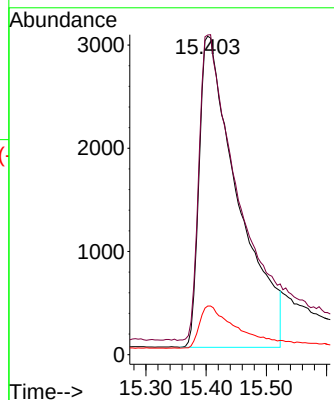


#12
 Fluorene
 Concen: 0.261 ng/ul
 RT: 15.403 min Scan# 216
 Delta R.T. 0.009 min
 Lab File: BN028733.D
 Acq: 18 Nov 2023 11:07

Instrument :
 BNA_M
 ClientSampleId :

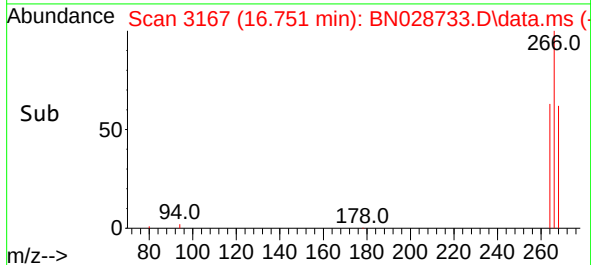
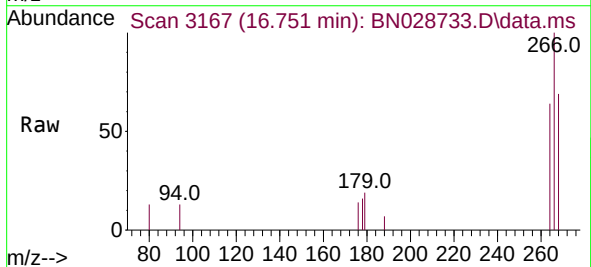
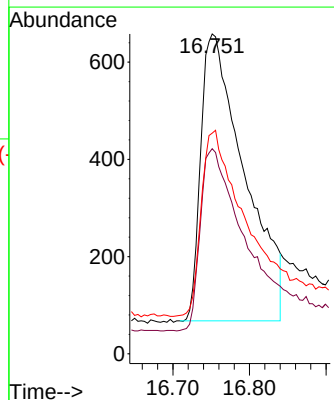


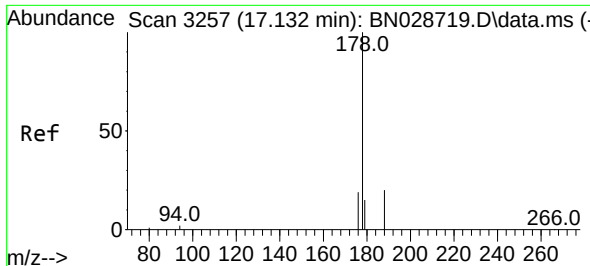
Tgt Ion:166 Resp: 13406
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.6 118.0
 167 15.3 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.594 ng/ul
 RT: 16.751 min Scan# 3167
 Delta R.T. 0.004 min
 Lab File: BN028733.D
 Acq: 18 Nov 2023 11:07

Tgt Ion:266 Resp: 2338
 Ion Ratio Lower Upper
 266 100
 264 63.9 50.1 75.1
 268 64.9 50.6 75.8

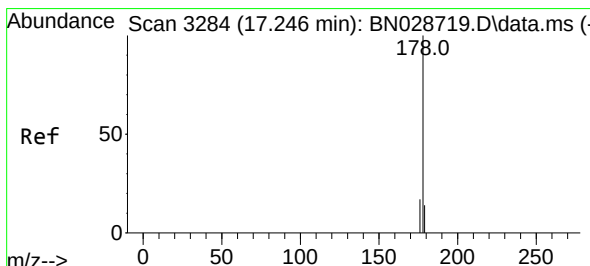
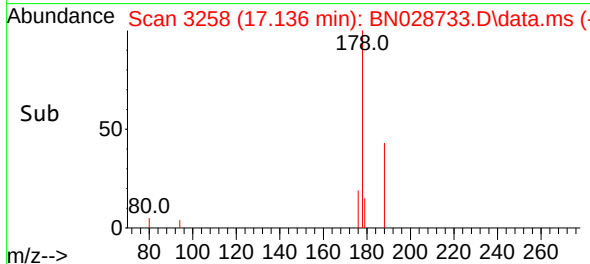
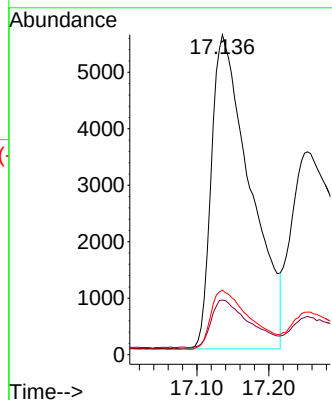
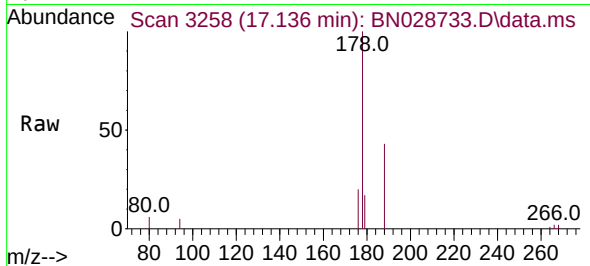




#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.136 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

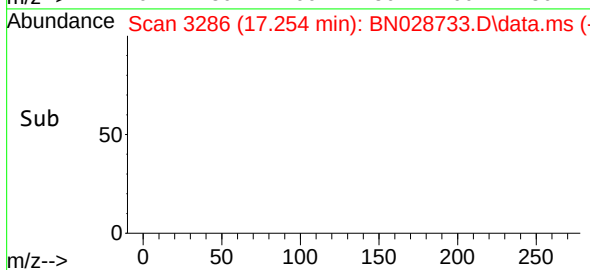
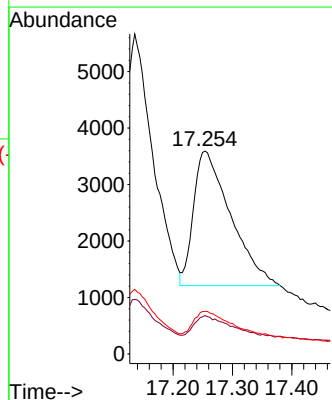
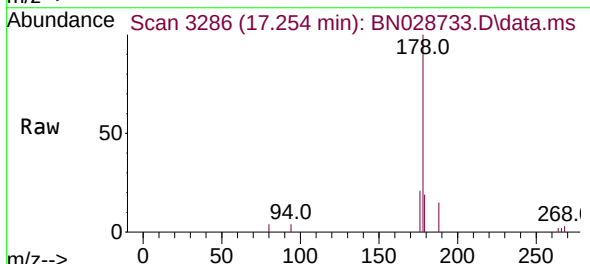
Instrument :
BNA_M
ClientSampleId :

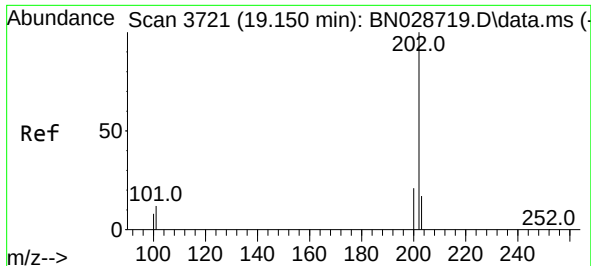
Tgt Ion:178 Resp: 20736
Ion Ratio Lower Upper
178 100
179 17.1 12.4 18.6
176 20.2 15.4 23.2



#16
Anthracene
Concen: 0.224 ng/ul
RT: 17.254 min Scan# 3286
Delta R.T. 0.017 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

Tgt Ion:178 Resp: 10355
Ion Ratio Lower Upper
178 100
179 18.9 12.6 18.8#
176 21.0 14.9 22.3

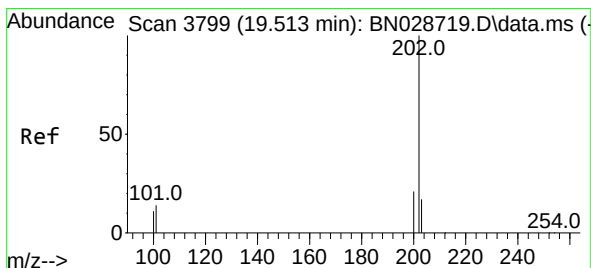
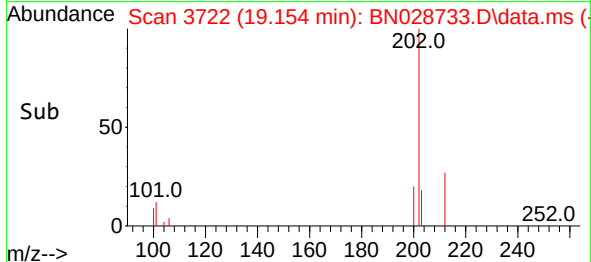
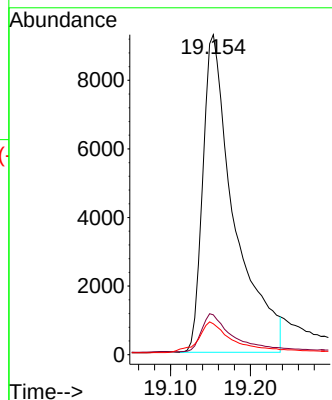
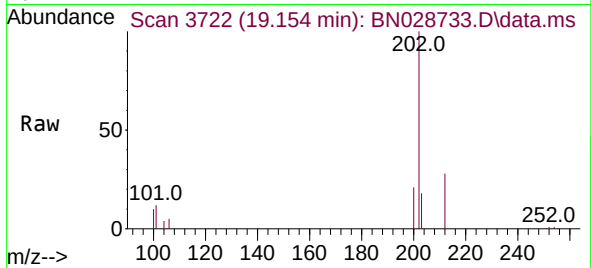




#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 19.154 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

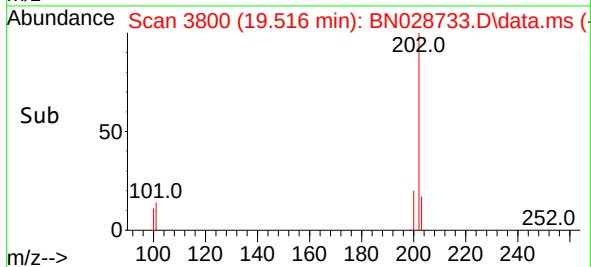
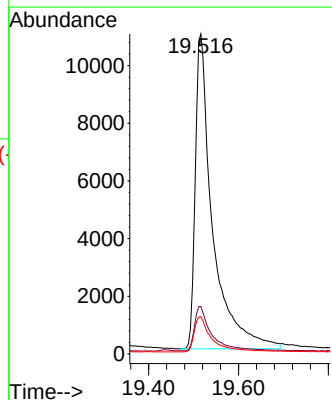
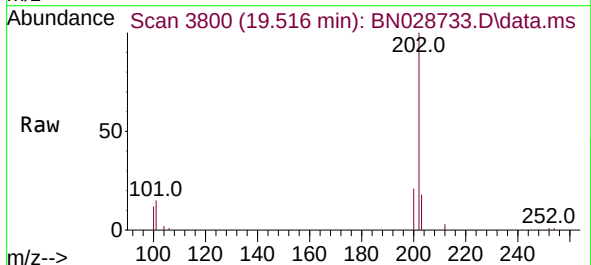
Instrument :
BNA_M
ClientSampleId :

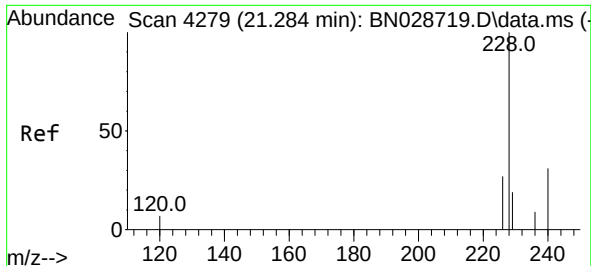
Tgt Ion:202 Resp: 25222
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.6 7.2 10.8



#20
Pyrene
Concen: 0.454 ng/u1
RT: 19.516 min Scan# 3800
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

Tgt Ion:202 Resp: 29274
Ion Ratio Lower Upper
202 100
101 14.8 10.3 15.5
100 11.7 8.2 12.2

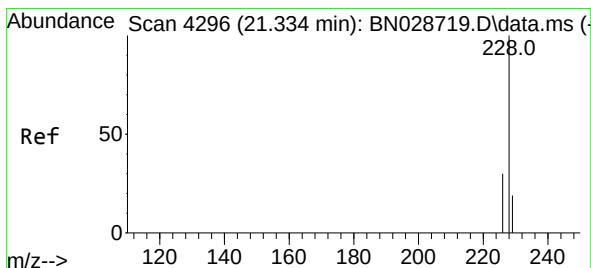
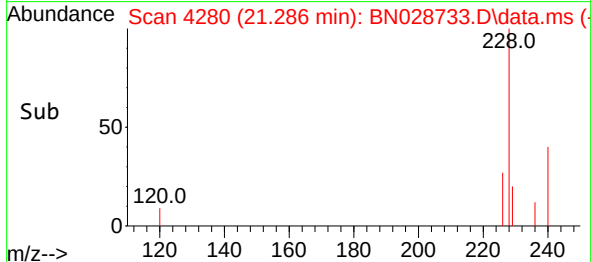
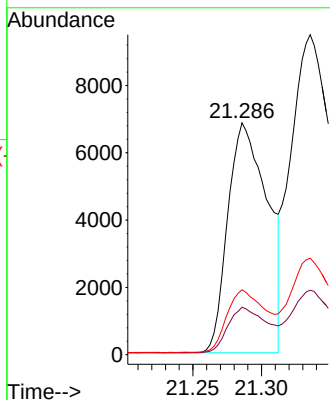
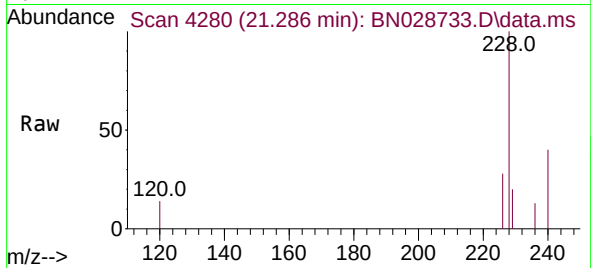




#21
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 21.286 min Scan# 4280
Delta R.T. 0.005 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

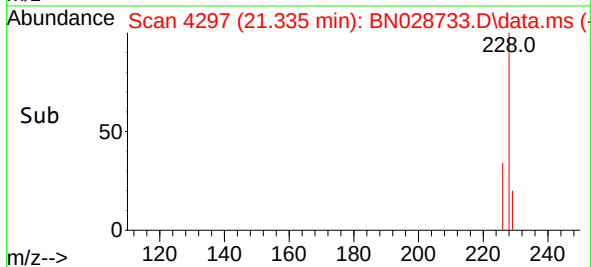
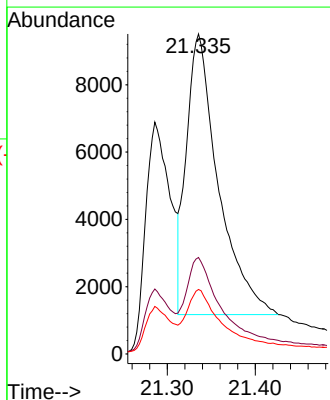
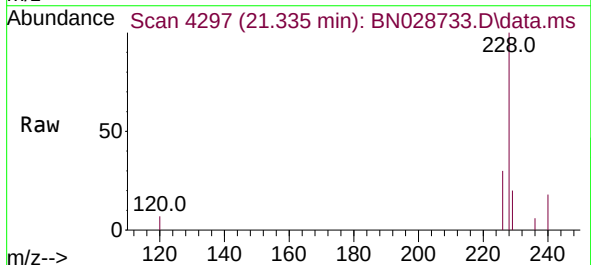
Instrument :
BNA_M
ClientSampleId :

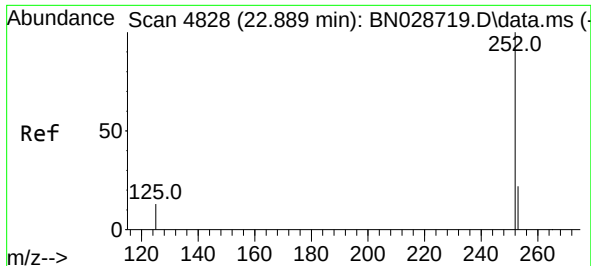
Tgt Ion:228 Resp: 13707
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.0 21.4 32.0



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.335 min Scan# 4297
Delta R.T. 0.002 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

Tgt Ion:228 Resp: 21002
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.2 15.4 23.2

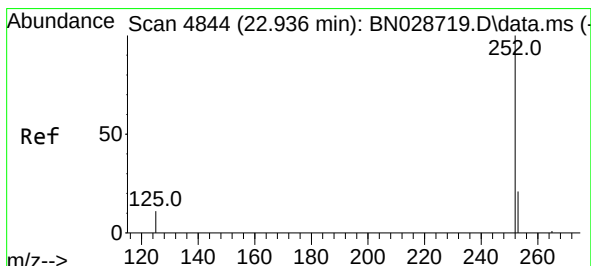
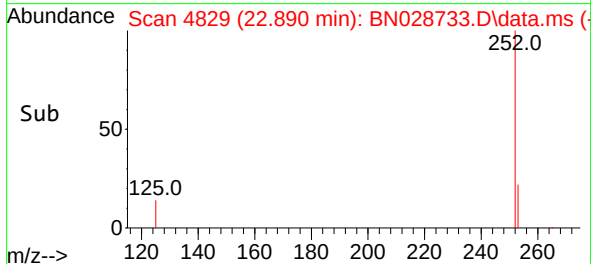
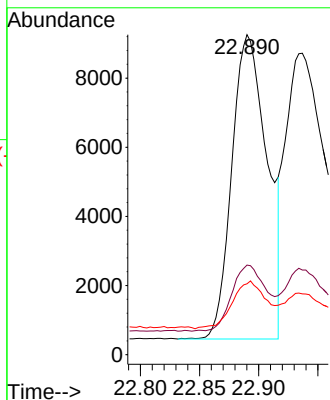
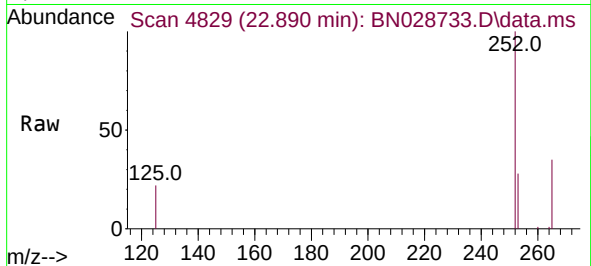




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.890 min Scan# 4828
Delta R.T. 0.002 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

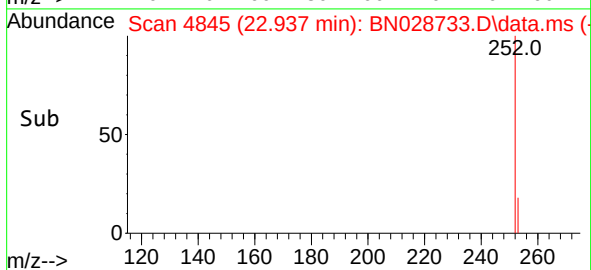
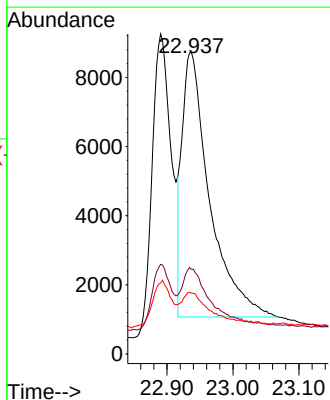
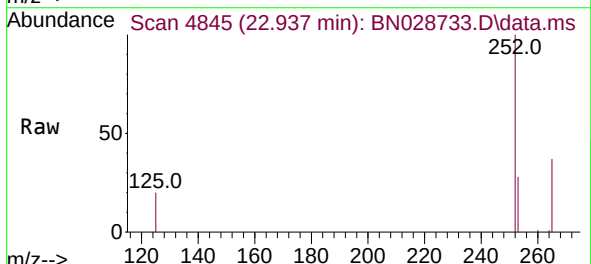
Instrument :
BNA_M
ClientSampleId :

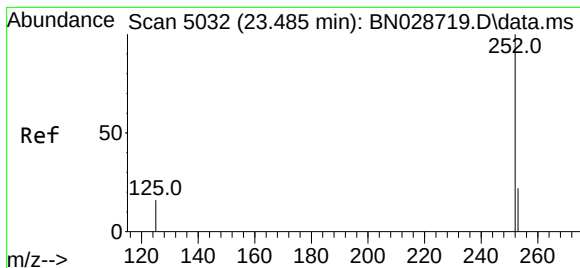
Tgt Ion:252 Resp: 18266
Ion Ratio Lower Upper
252 100
253 28.0 0.0 46.6
125 22.1 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.937 min Scan# 4845
Delta R.T. 0.005 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

Tgt Ion:252 Resp: 22190
Ion Ratio Lower Upper
252 100
253 28.1 18.6 28.0#
125 20.2 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.484 min Scan# 5032

Delta R.T. 0.002 min

Lab File: BN028733.D

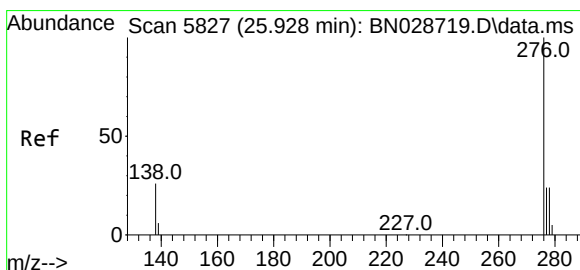
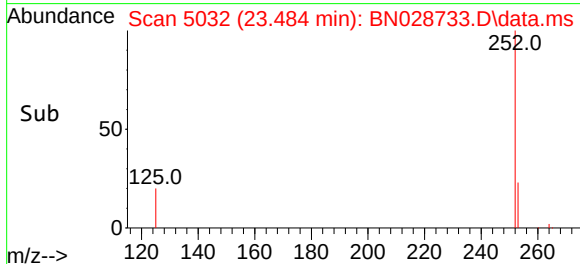
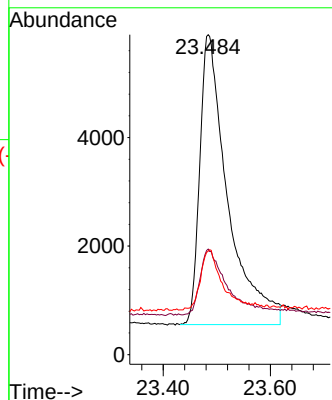
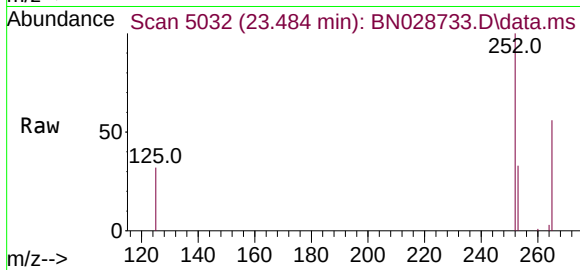
Acq: 18 Nov 2023 11:07

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	19347
Ion Ratio	Lower	Upper	
252	100		
253	33.0	19.0	28.6#
125	32.4	13.2	19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

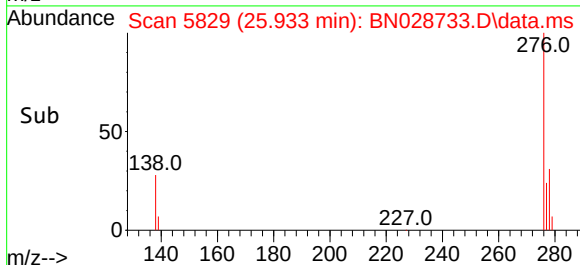
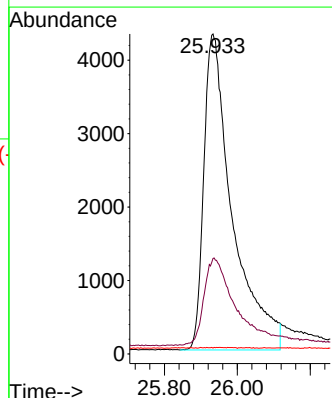
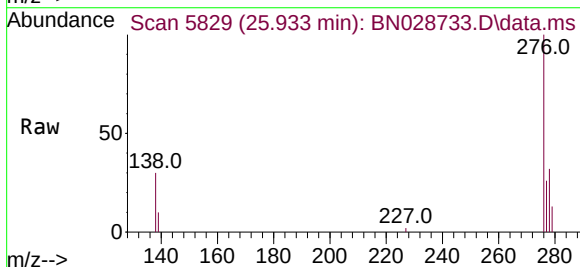
RT: 25.933 min Scan# 5829

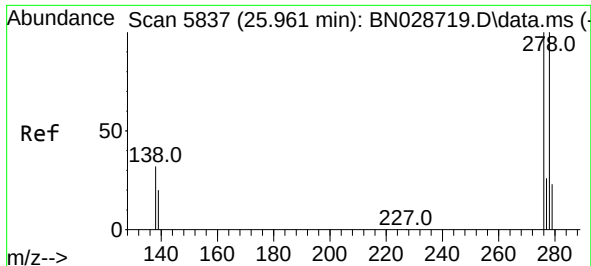
Delta R.T. 0.003 min

Lab File: BN028733.D

Acq: 18 Nov 2023 11:07

Tgt Ion:	276	Resp:	23343
Ion Ratio	Lower	Upper	
276	100		
138	30.4	23.8	35.6
227	0.0	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.383 ng/ul

RT: 25.963 min Scan# 5837

Delta R.T. 0.006 min

Lab File: BN028733.D

Acq: 18 Nov 2023 11:07

Instrument :

BNA_M

ClientSampleId :

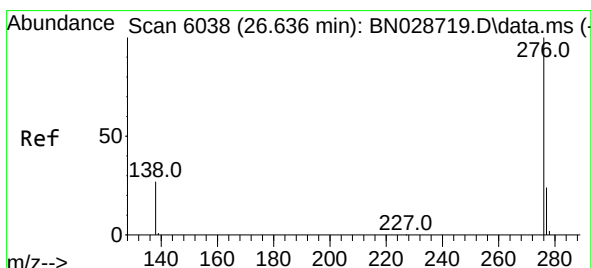
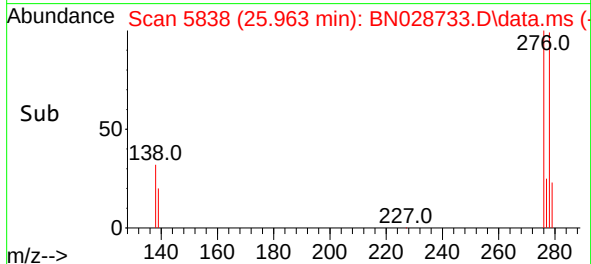
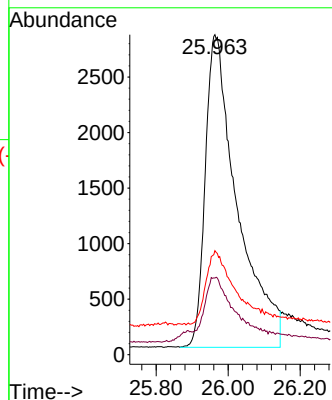
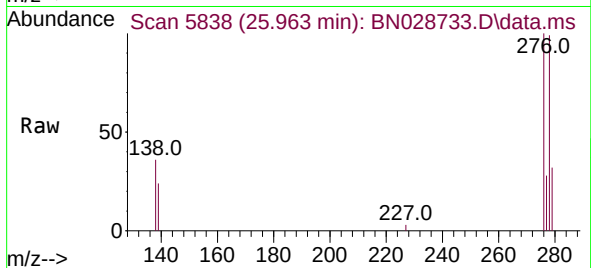
Tgt Ion:278 Resp: 17393

Ion Ratio Lower Upper

278 100

139 24.0 18.2 27.4

279 32.5 20.7 31.1#



#29

Benzo(g,h,i)perylene

Concen: 0.454 ng/ul

RT: 26.641 min Scan# 6040

Delta R.T. -0.001 min

Lab File: BN028733.D

Acq: 18 Nov 2023 11:07

Tgt Ion:276 Resp: 21144

Ion Ratio Lower Upper

276 100

138 28.0 20.5 30.7

277 25.4 19.4 29.0

