

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028750.D
 Acq On : 18 Nov 2023 22:28
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:05:21 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)

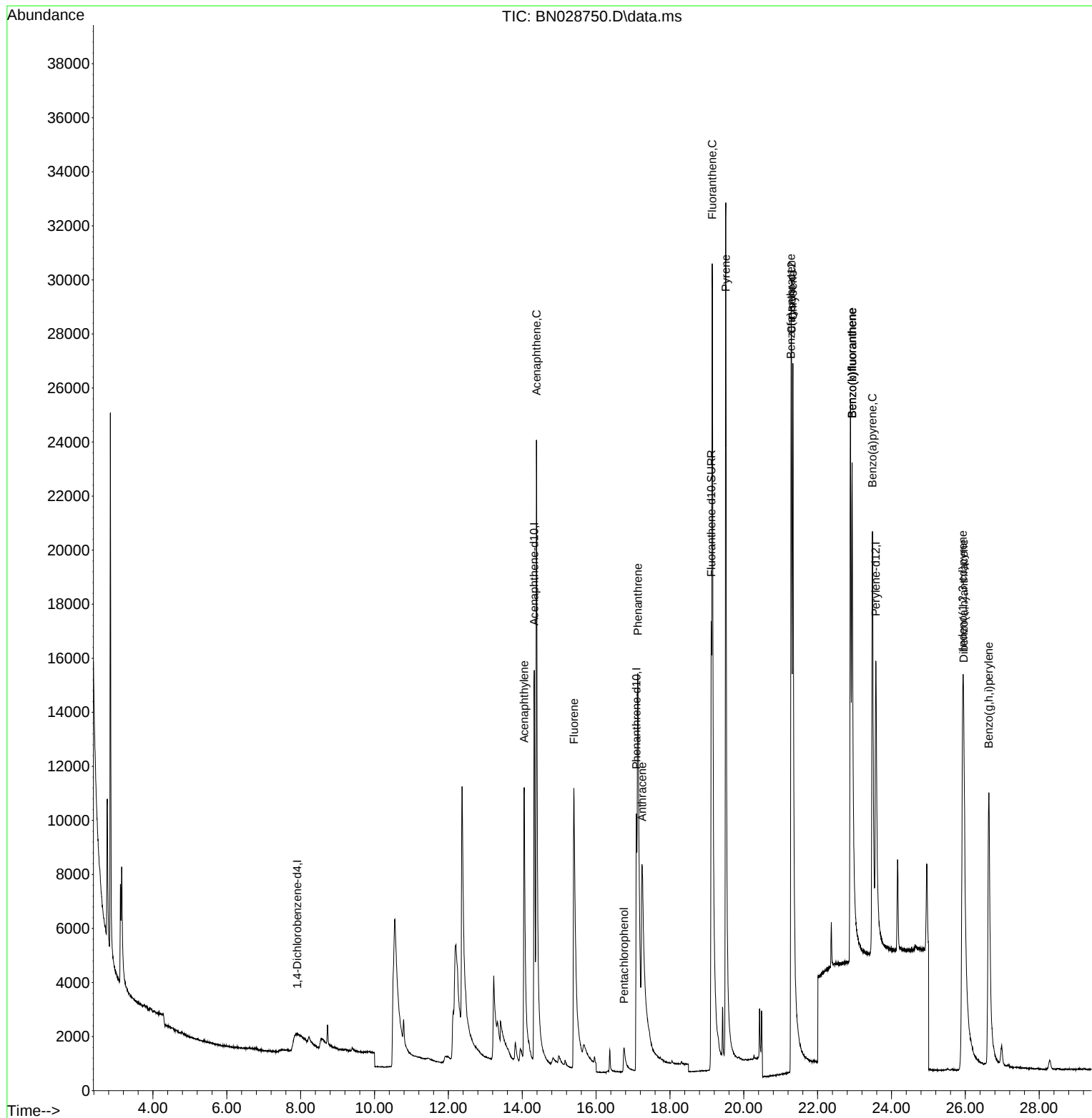
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	2227	0.400	ng/ul	# 0.11
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.326	164	12672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	19797	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	20882	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	18643	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	12.134	152	6040	0.000	ng/ul	0.02
18) Fluoranthene-d10	19.118	212	28085	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.053	152	25181	0.398	ng/ul	99
11) Acenaphthene	14.386	153	20877	0.449	ng/ul	99
12) Fluorene	15.399	166	18383	0.339	ng/ul	98
14) Pentachlorophenol	16.757	266	1560	0.328	ng/ul	99
15) Phenanthrene	17.132	178	29359	0.483	ng/ul	99
16) Anthracene	17.246	178	15794	0.283	ng/ul	97
19) Fluoranthene	19.146	202	38135	0.429	ng/ul	98
20) Pyrene	19.513	202	44901	0.488	ng/ul	96
21) Benzo(a)anthracene	21.279	228	25087	0.304	ng/ul	99
22) Chrysene	21.331	228	33007	0.409	ng/ul	99
24) Benzo(b)fluoranthene	22.933	252	36875	0.527	ng/ul	95
25) Benzo(k)fluoranthene	22.933	252	34320	0.468	ng/ul	97
26) Benzo(a)pyrene	23.482	252	29772	0.451	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	25.928	276	34293	0.468	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.955	278	25601	0.437	ng/ul	98
29) Benzo(g,h,i)perylene	26.636	276	29054	0.484	ng/ul	97

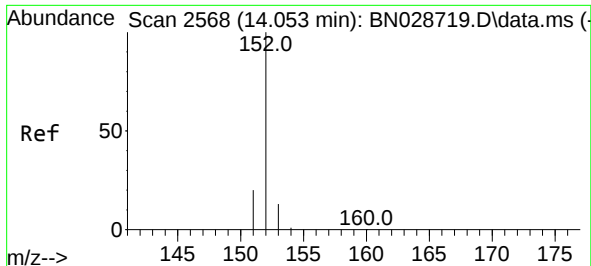
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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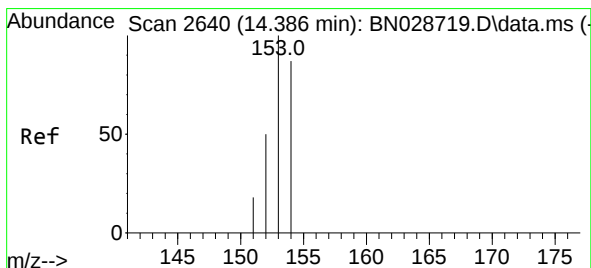
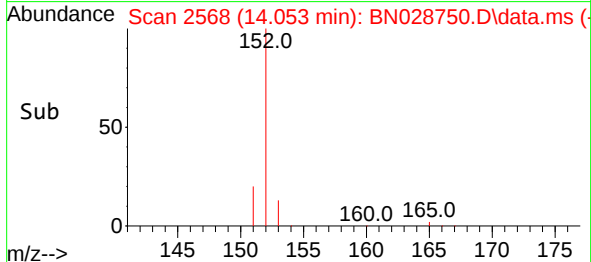
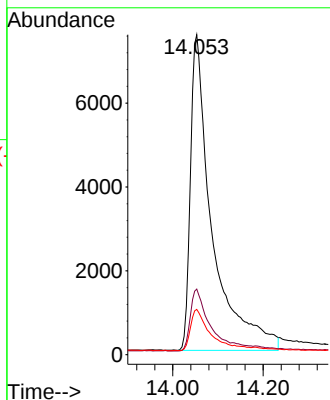
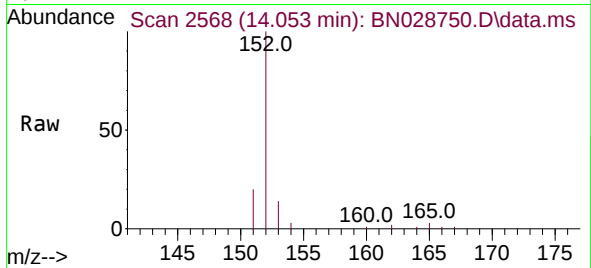




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.053 min Scan# 2568
Delta R.T. 0.001 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

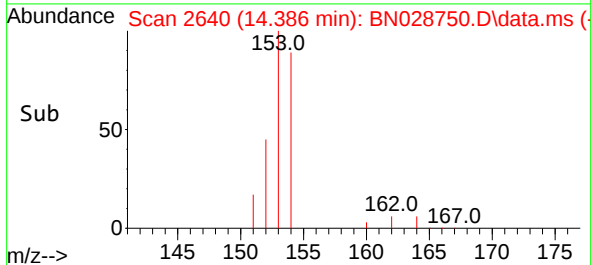
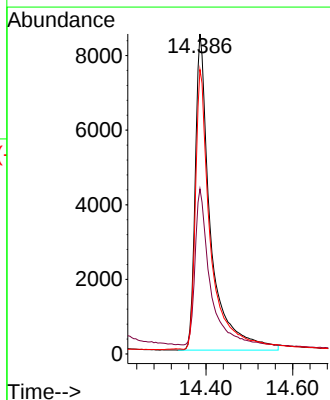
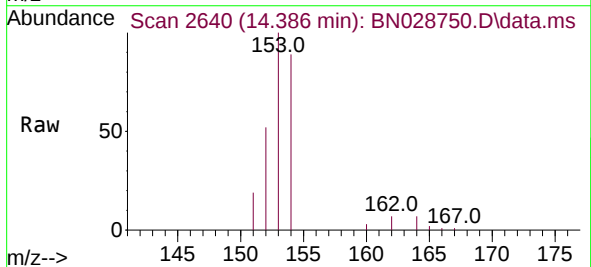
Instrument :
BNA_M
ClientSampleId :

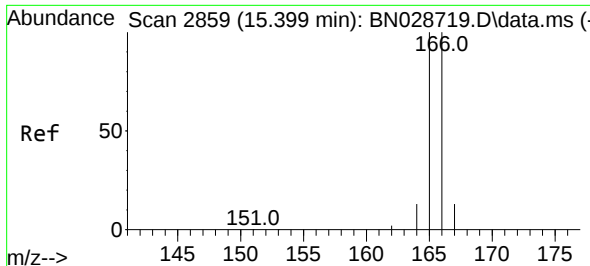
Tgt Ion:152 Resp: 25181
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.2 10.6 15.8



#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.386 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

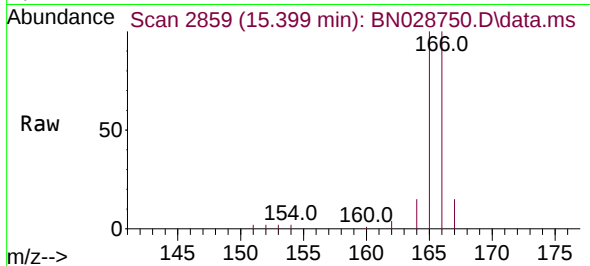
Tgt Ion:153 Resp: 20877
Ion Ratio Lower Upper
153 100
152 51.6 39.6 59.4
154 88.9 71.0 106.6



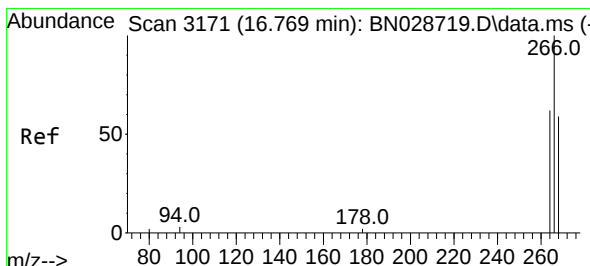
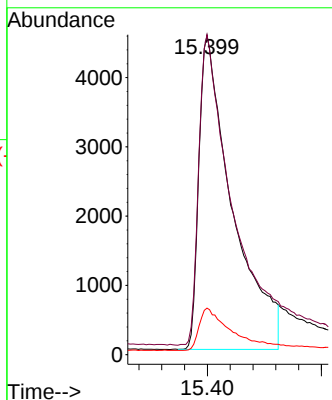
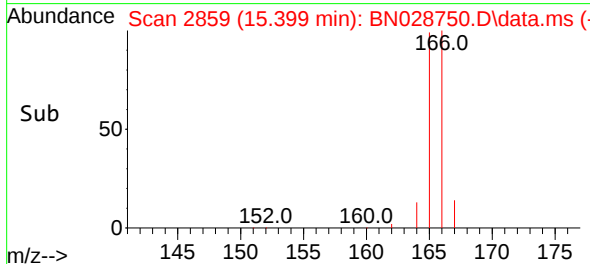


#12
 Fluorene
 Concen: 0.339 ng/ul
 RT: 15.399 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028750.D
 Acq: 18 Nov 2023 22:28

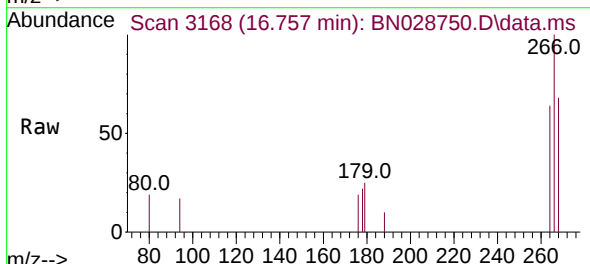
Instrument :
 BNA_M
 ClientSampleId :



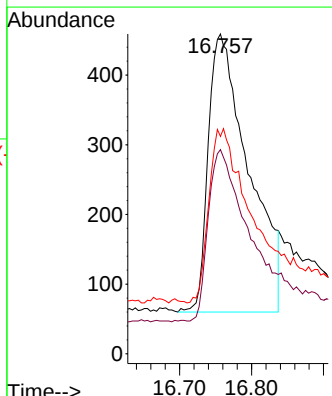
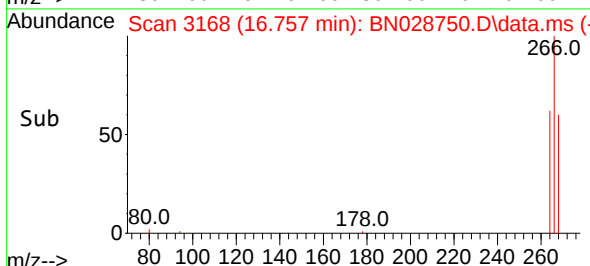
Tgt Ion:166 Resp: 18383
 Ion Ratio Lower Upper
 166 100
 165 100.2 78.6 118.0
 167 14.6 11.0 16.6

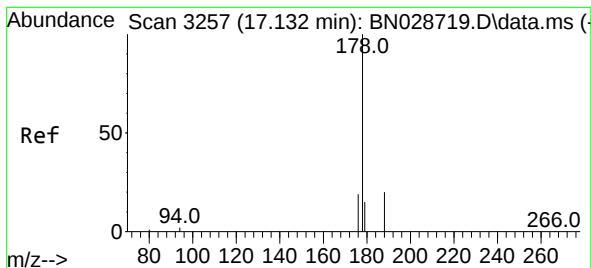


#14
 Pentachlorophenol
 Concen: 0.328 ng/ul
 RT: 16.757 min Scan# 3168
 Delta R.T. 0.009 min
 Lab File: BN028750.D
 Acq: 18 Nov 2023 22:28



Tgt Ion:266 Resp: 1560
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.1 75.1
 268 62.9 50.6 75.8





#15

Phenanthrene

Concen: 0.483 ng/ul

RT: 17.132 min Scan# 3257

Delta R.T. 0.001 min

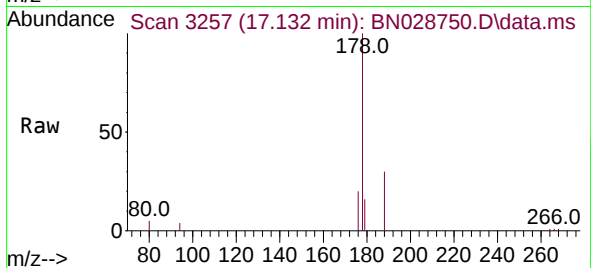
Lab File: BN028750.D

Acq: 18 Nov 2023 22:28

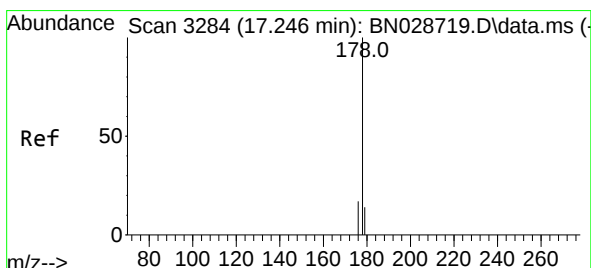
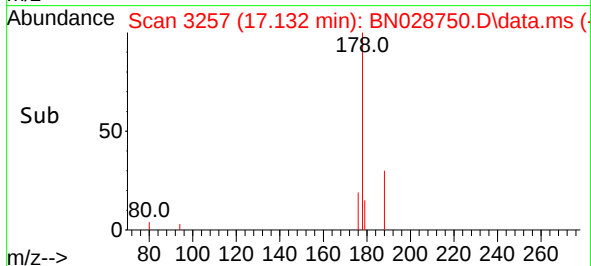
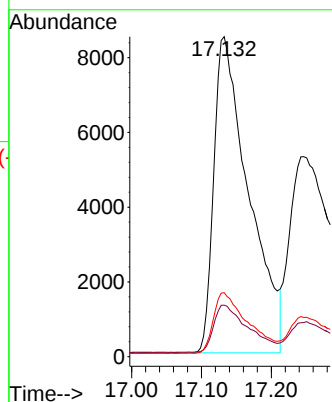
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	178	Resp:	29359
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.4	18.6
176	20.0	15.4	23.2



#16

Anthracene

Concen: 0.283 ng/ul

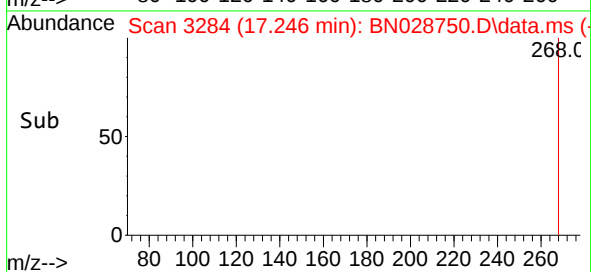
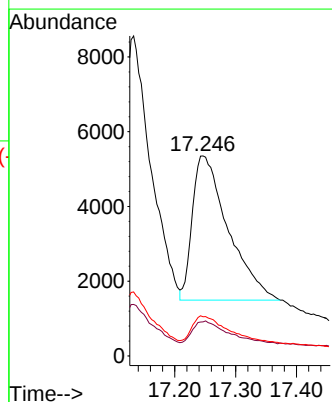
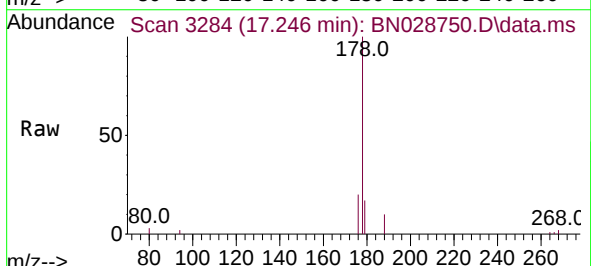
RT: 17.246 min Scan# 3284

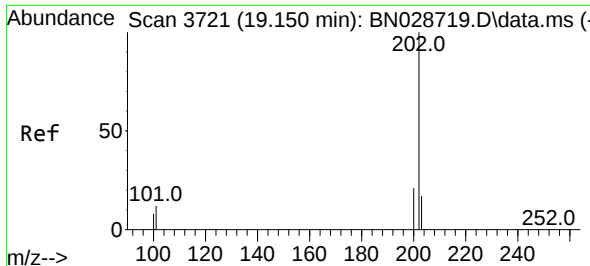
Delta R.T. 0.009 min

Lab File: BN028750.D

Acq: 18 Nov 2023 22:28

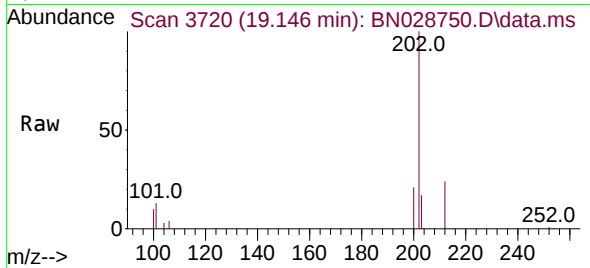
Tgt Ion:	178	Resp:	15794
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	18.8
176	19.6	14.9	22.3



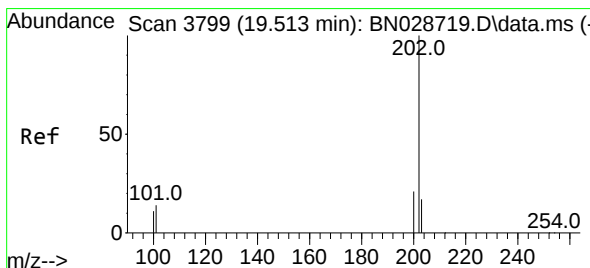
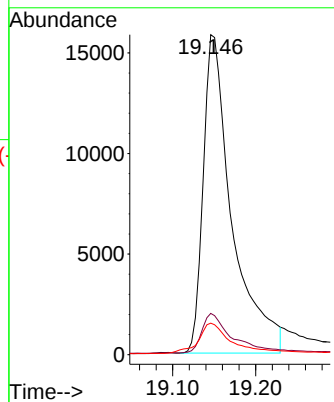
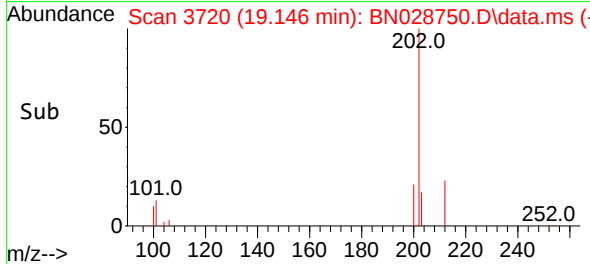


#19
Fluoranthene
Concen: 0.429 ng/u1
RT: 19.146 min Scan# 3720
Delta R.T. -0.004 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

Instrument :
BNA_M
ClientSampleId :

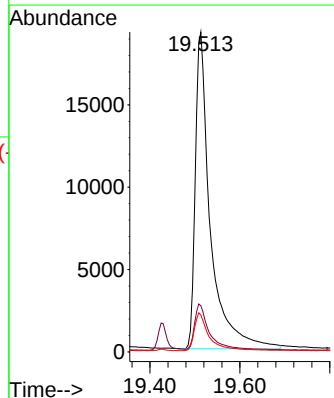
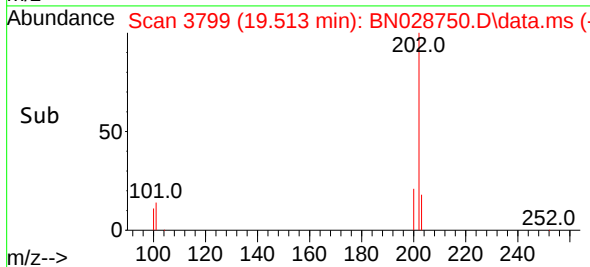
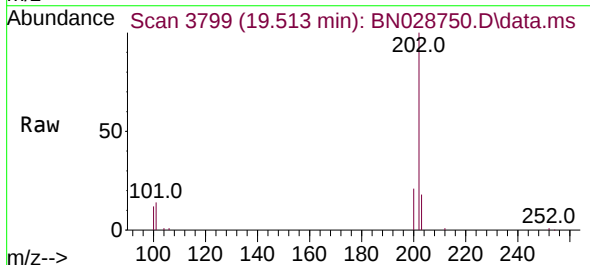


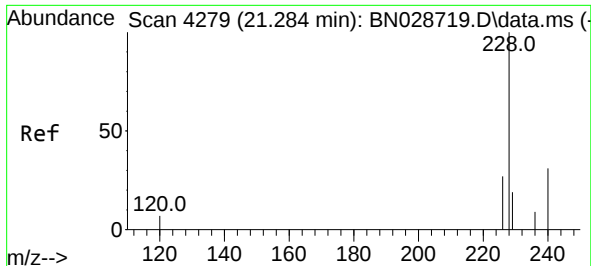
Tgt Ion:202 Resp: 38135
Ion Ratio Lower Upper
202 100
101 12.9 9.5 14.3
100 9.8 7.2 10.8



#20
Pyrene
Concen: 0.488 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

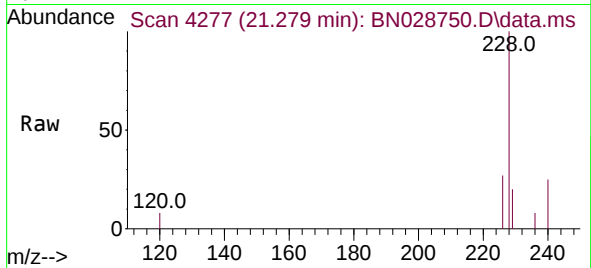
Tgt Ion:202 Resp: 44901
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.5 8.2 12.2



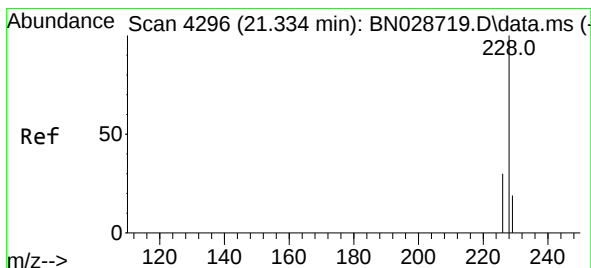
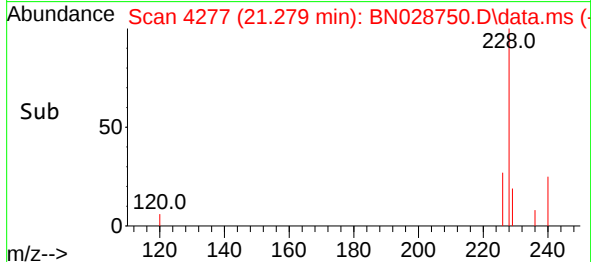
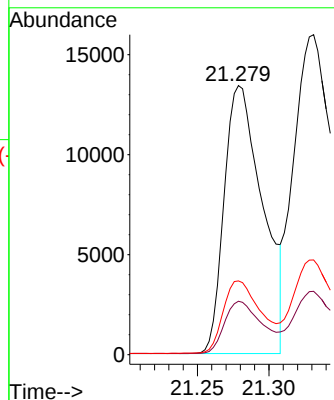


#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.279 min Scan# 4277
Delta R.T. -0.002 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

Instrument :
BNA_M
ClientSampleId :

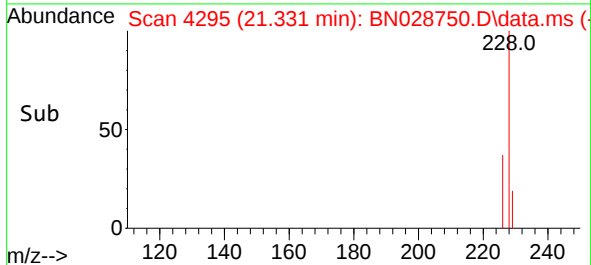
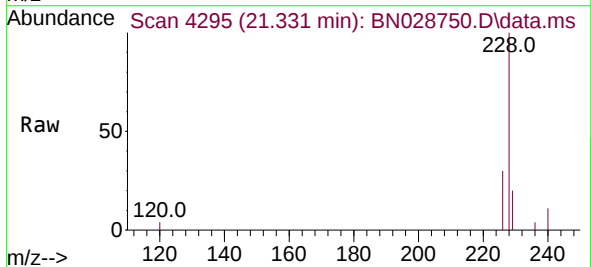
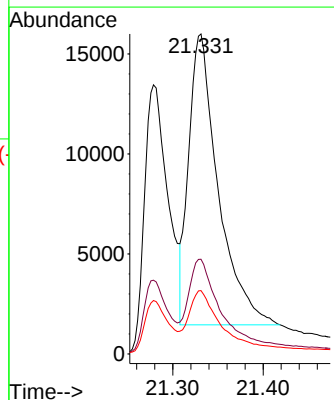


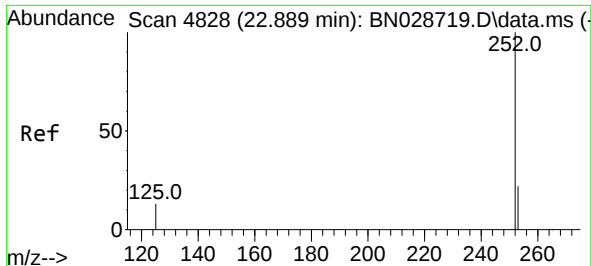
Tgt Ion:228 Resp: 25087
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.4 21.4 32.0



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.331 min Scan# 4295
Delta R.T. -0.002 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

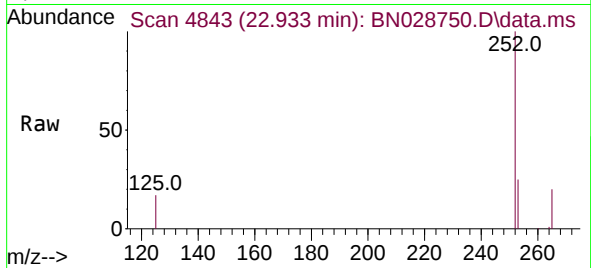
Tgt Ion:228 Resp: 33007
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.8 15.4 23.2



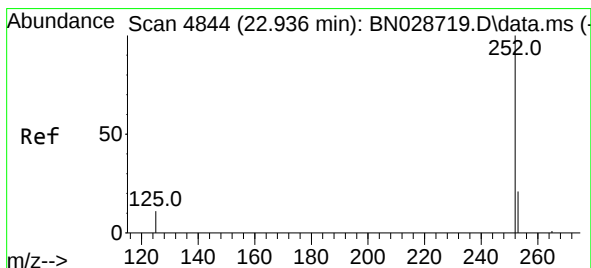
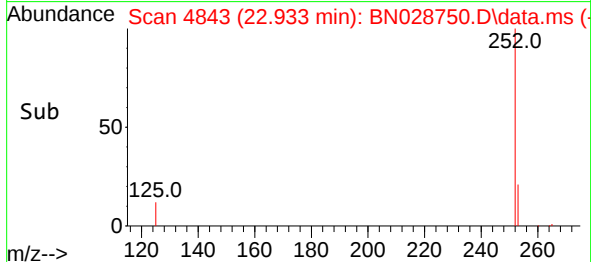
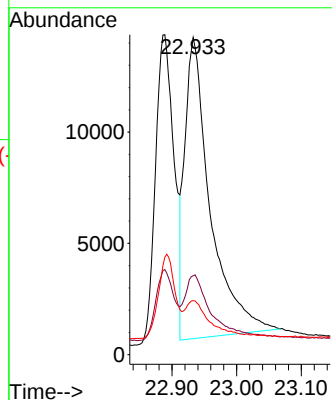


#24
Benzo(b)fluoranthene
Concen: 0.527 ng/ul
RT: 22.933 min Scan# 4843
Delta R.T. 0.045 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

Instrument :
BNA_M
ClientSampleId :

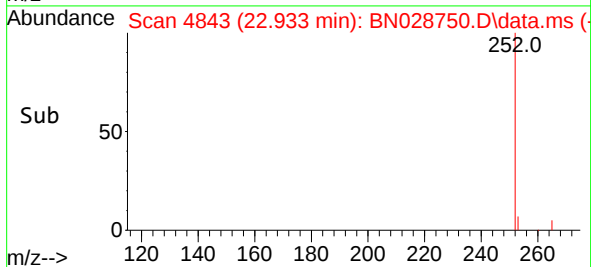
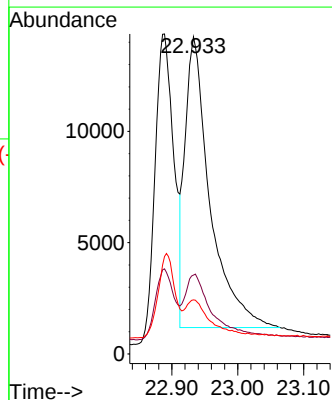
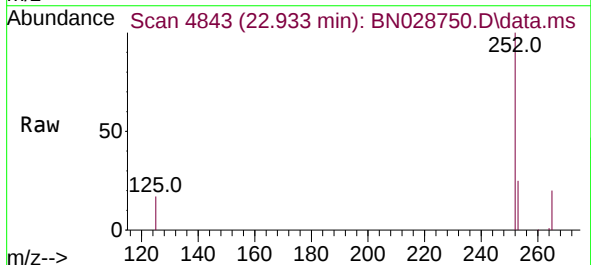


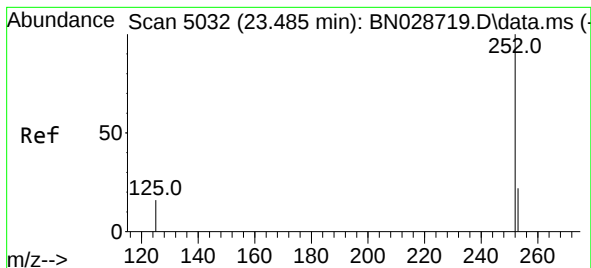
Tgt Ion:252 Resp: 36875
Ion Ratio Lower Upper
252 100
253 24.9 0.0 46.6
125 17.1 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.468 ng/ul
RT: 22.933 min Scan# 4843
Delta R.T. 0.001 min
Lab File: BN028750.D
Acq: 18 Nov 2023 22:28

Tgt Ion:252 Resp: 34320
Ion Ratio Lower Upper
252 100
253 24.9 18.6 28.0
125 17.1 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.451 ng/ul

RT: 23.482 min Scan# 5032

Delta R.T. 0.001 min

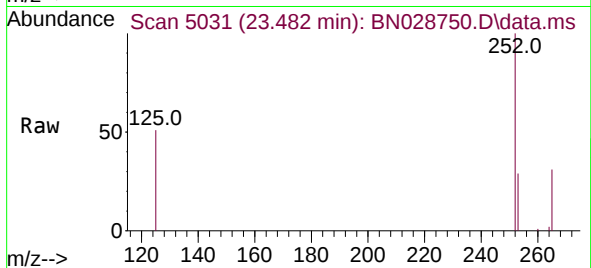
Lab File: BN028750.D

Acq: 18 Nov 2023 22:28

Instrument :

BNA_M

ClientSampleId :



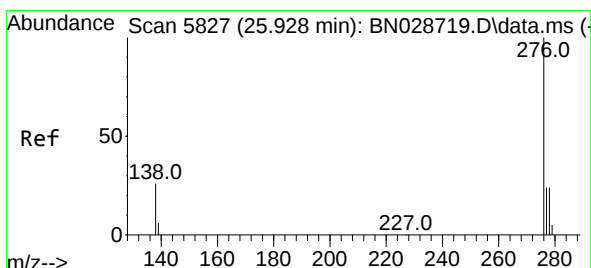
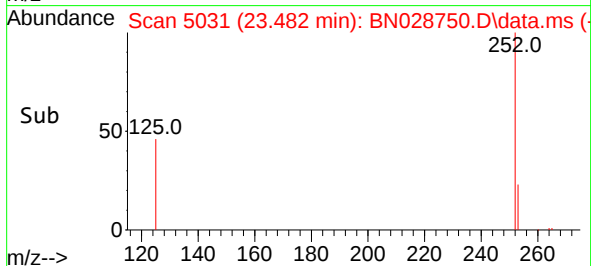
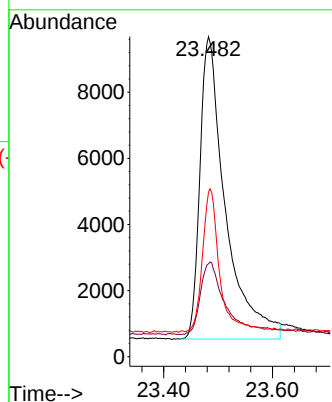
Tgt Ion:252 Resp: 29772

Ion Ratio Lower Upper

252 100

253 29.0 19.0 28.6#

125 51.5 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.468 ng/ul

RT: 25.928 min Scan# 5827

Delta R.T. -0.003 min

Lab File: BN028750.D

Acq: 18 Nov 2023 22:28

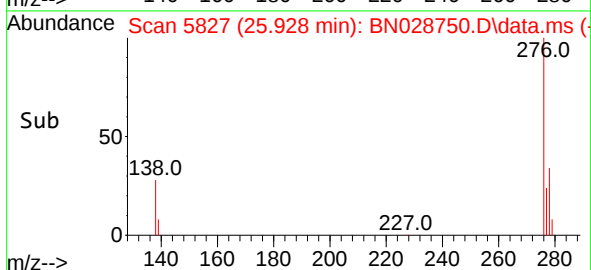
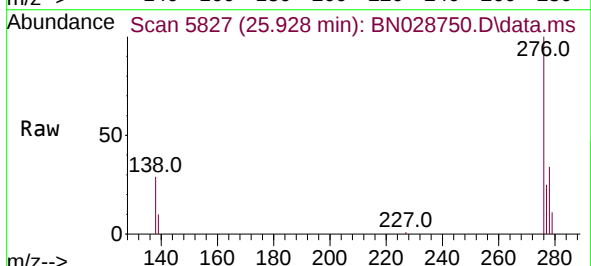
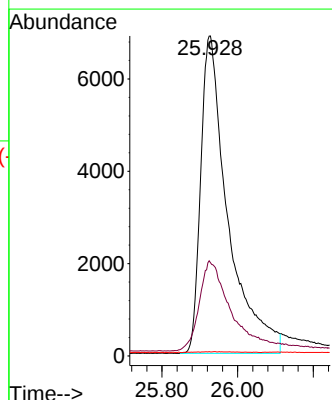
Tgt Ion:276 Resp: 34293

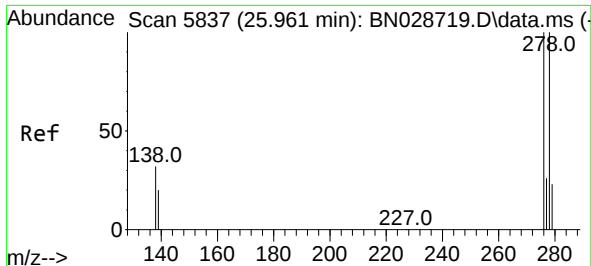
Ion Ratio Lower Upper

276 100

138 33.3 23.8 35.6

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.437 ng/ul

RT: 25.955 min Scan# 5835

Delta R.T. -0.003 min

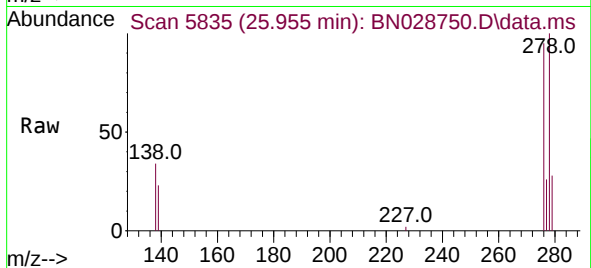
Lab File: BN028750.D

Acq: 18 Nov 2023 22:28

Instrument :

BNA_M

ClientSampleId :



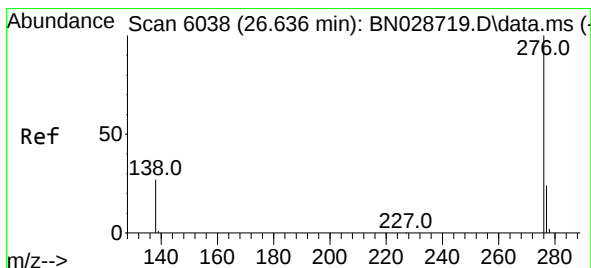
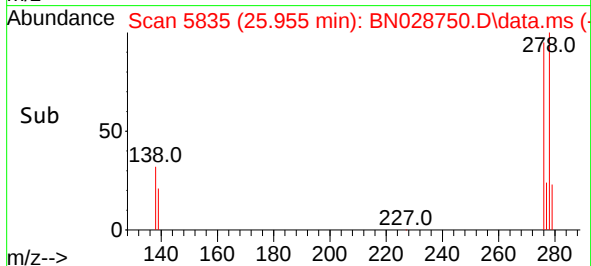
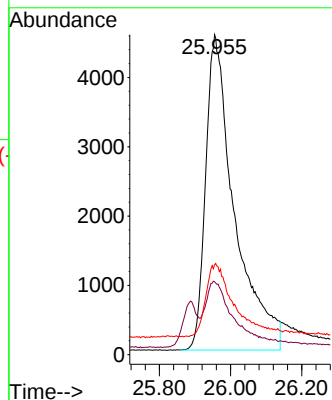
Tgt Ion:278 Resp: 25601

Ion Ratio Lower Upper

278 100

139 22.8 18.2 27.4

279 28.1 20.7 31.1



#29

Benzo(g,h,i)perylene

Concen: 0.484 ng/ul

RT: 26.636 min Scan# 6038

Delta R.T. -0.006 min

Lab File: BN028750.D

Acq: 18 Nov 2023 22:28

Tgt Ion:276 Resp: 29054

Ion Ratio Lower Upper

276 100

138 28.3 20.5 30.7

277 24.2 19.4 29.0

