

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028732.D
 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:01:16 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)

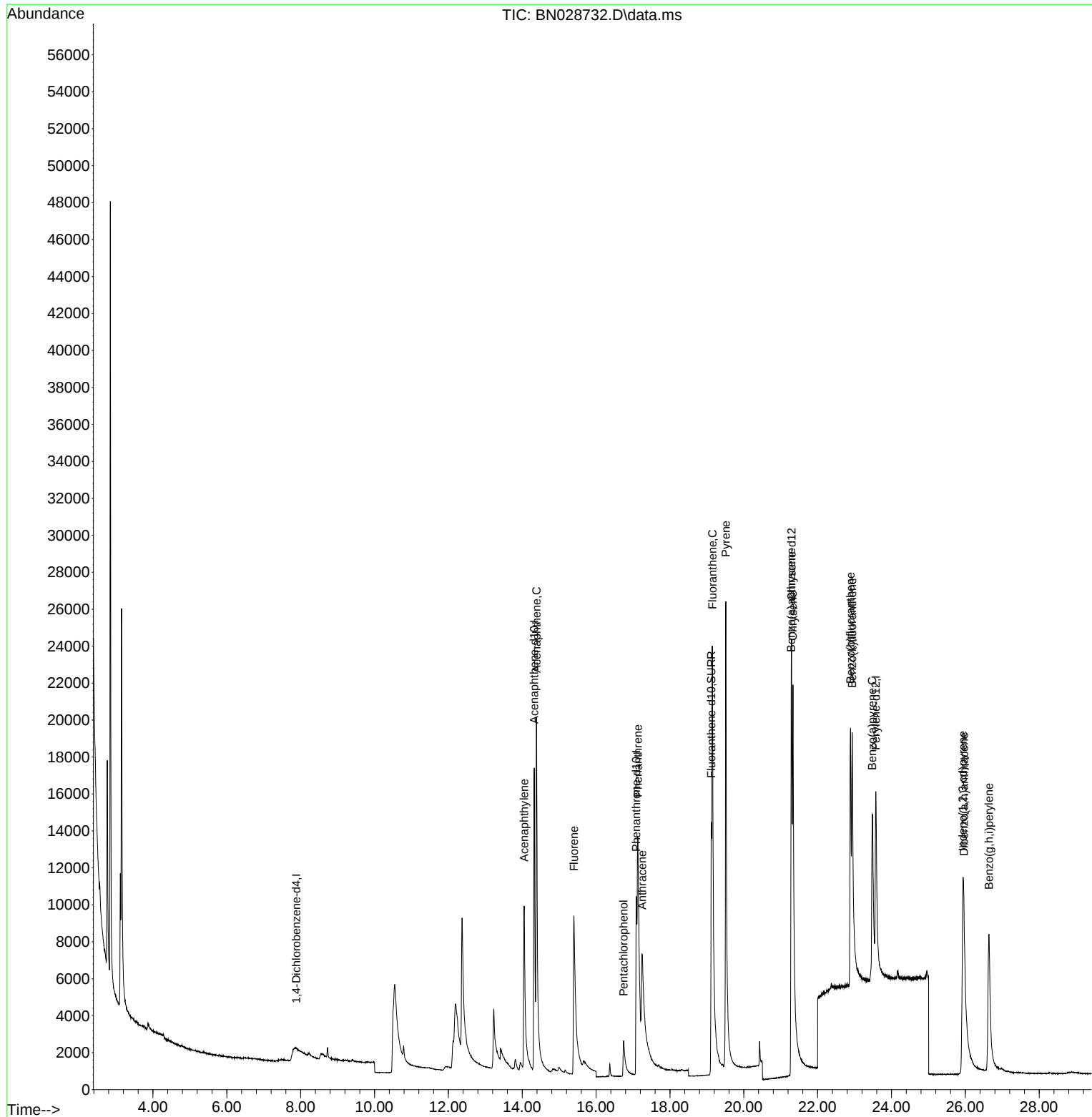
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	2668	0.400	ng/ul	# 0.08
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.326	164	13630	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	21299	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	19185	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	17118	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	12.129	152	5263	0.000	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	24206	0.392	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.053	152	21179	0.311	ng/ul	98
11) Acenaphthene	14.386	153	17564	0.351	ng/ul	99
12) Fluorene	15.399	166	15373	0.264	ng/ul	99
14) Pentachlorophenol	16.744	266	3049	0.596	ng/ul	100
15) Phenanthrene	17.132	178	24631	0.376	ng/ul	97
16) Anthracene	17.246	178	12688	0.211	ng/ul	96
19) Fluoranthene	19.151	202	30452	0.373	ng/ul	99
20) Pyrene	19.513	202	35533	0.420	ng/ul	97
21) Benzo(a)anthracene	21.284	228	19012	0.251	ng/ul	98
22) Chrysene	21.331	228	25663	0.346	ng/ul	100
24) Benzo(b)fluoranthene	22.889	252	21654	0.337	ng/ul	89
25) Benzo(k)fluoranthene	22.936	252	26124	0.388	ng/ul	92
26) Benzo(a)pyrene	23.479	252	22135	0.365	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.931	276	24750	0.368	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.961	278	18508	0.344	ng/ul#	93
29) Benzo(g,h,i)perylene	26.639	276	22267	0.404	ng/ul	95

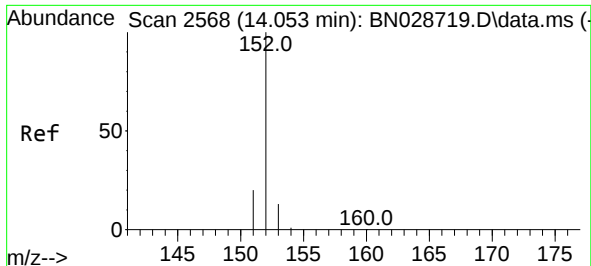
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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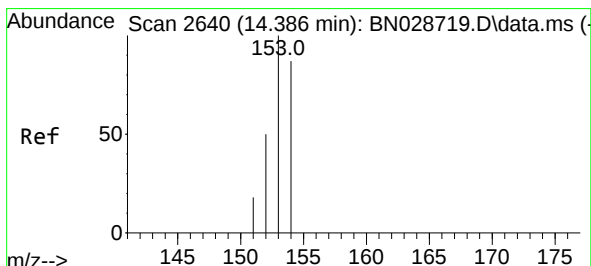
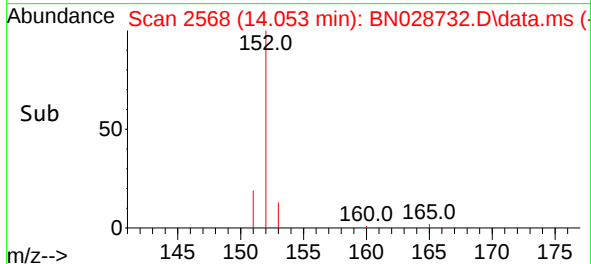
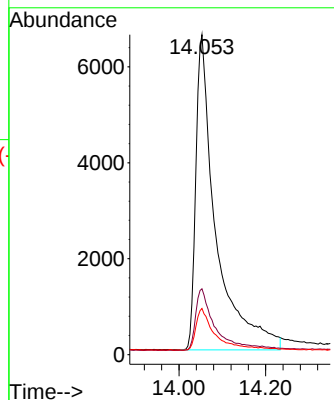
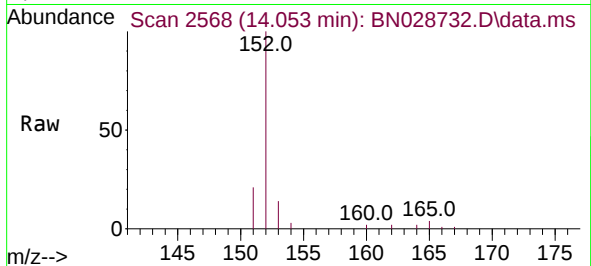




#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 14.053 min Scan# 21179
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

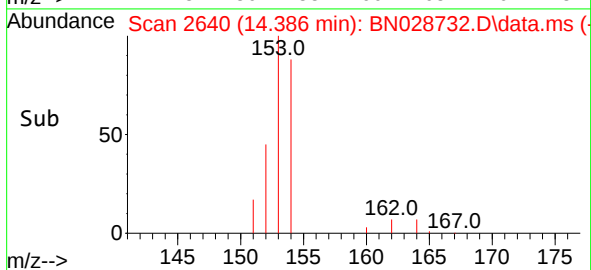
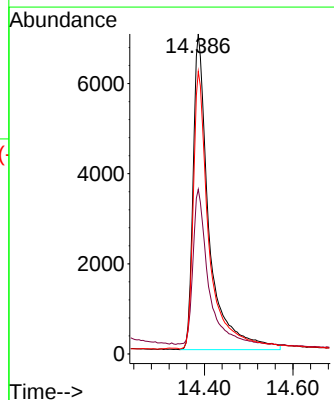
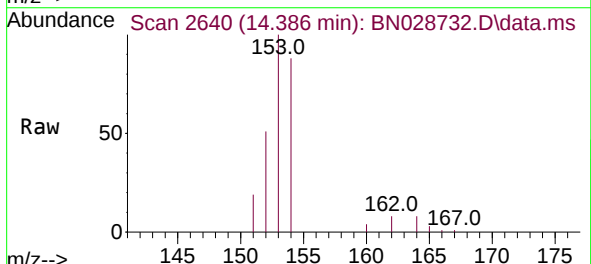
Instrument :
BNA_M
ClientSampleId :

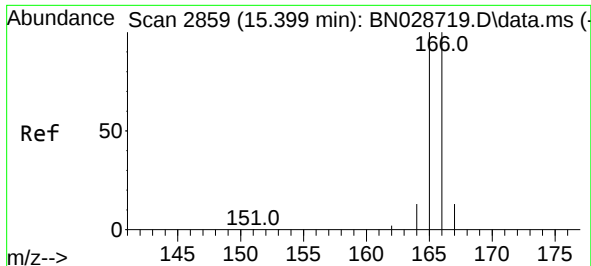
Tgt Ion:152	Resp:	21179
Ion Ratio	Lower	Upper
152	100	
151	20.6	16.1 24.1
153	14.4	10.6 15.8



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.386 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

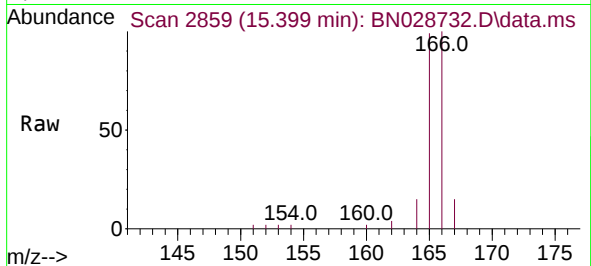
Tgt Ion:153	Resp:	17564
Ion Ratio	Lower	Upper
153	100	
152	51.4	39.6 59.4
154	88.3	71.0 106.6



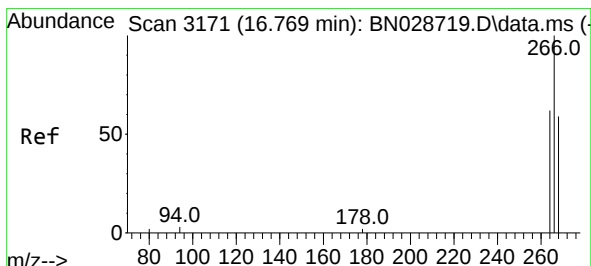
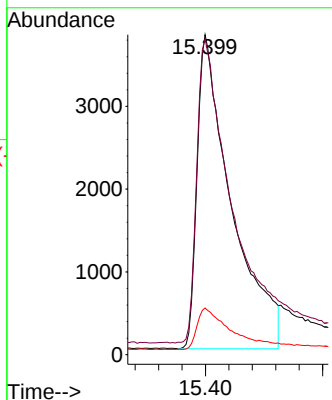


#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.399 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

Instrument :
BNA_M
ClientSampleId :

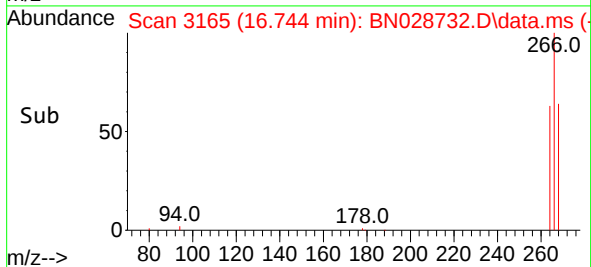
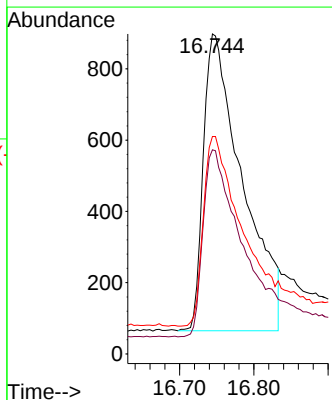
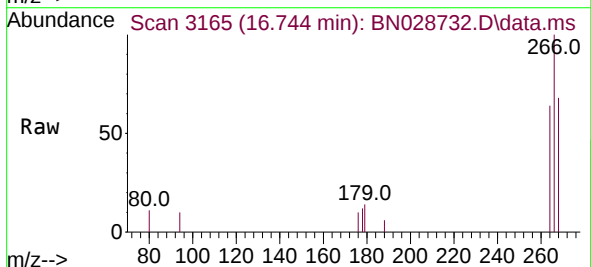


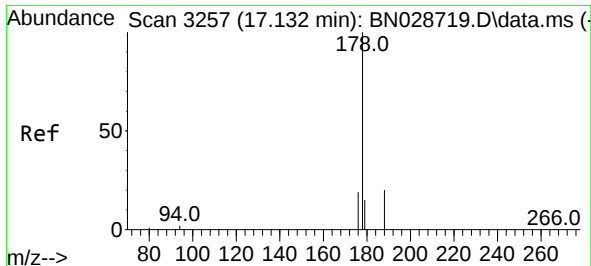
Tgt Ion:166 Resp: 15373
Ion Ratio Lower Upper
166 100
165 98.7 78.6 118.0
167 14.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.596 ng/ul
RT: 16.744 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

Tgt Ion:266 Resp: 3049
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 63.4 50.6 75.8

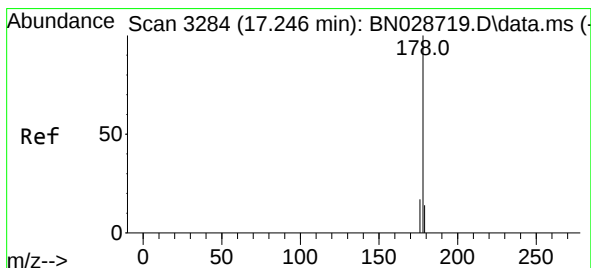
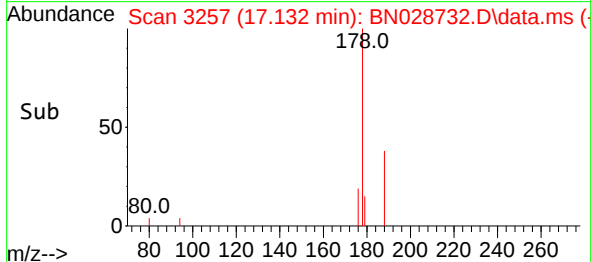
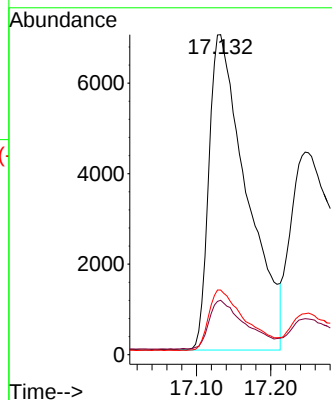
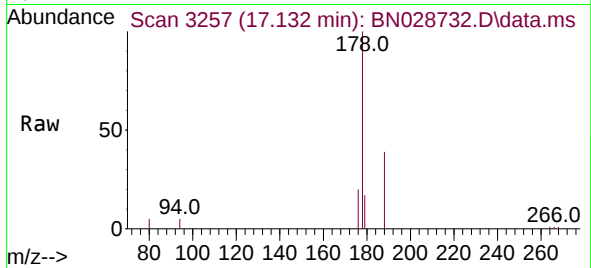




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.132 min Scan# 3257
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

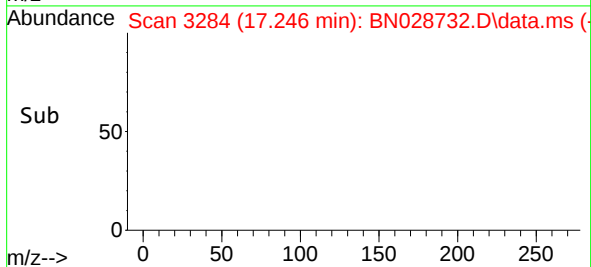
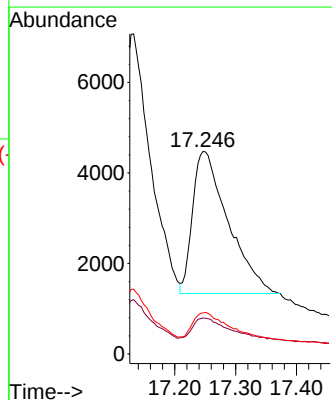
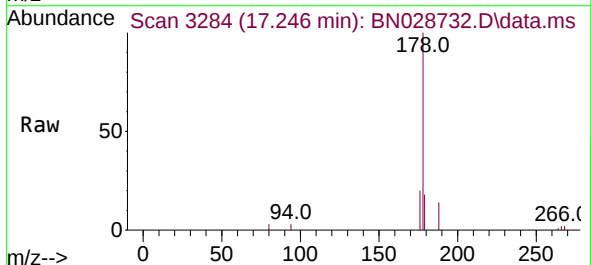
Instrument :
BNA_M
ClientSampleId :

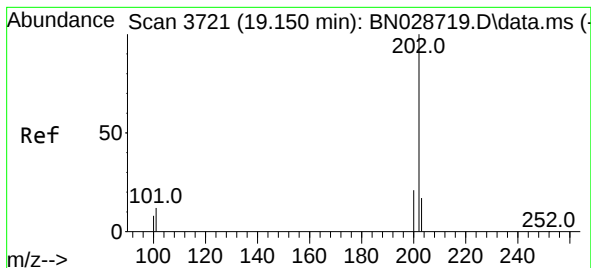
Tgt Ion:178 Resp: 24631
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 20.2 15.4 23.2



#16
Anthracene
Concen: 0.211 ng/ul
RT: 17.246 min Scan# 3284
Delta R.T. 0.009 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

Tgt Ion:178 Resp: 12688
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.2 14.9 22.3





#19

Fluoranthene

Concen: 0.373 ng/u1

RT: 19.151 min Scan# 3721

Delta R.T. 0.001 min

Lab File: BN028732.D

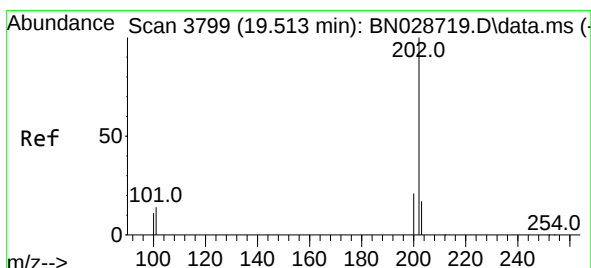
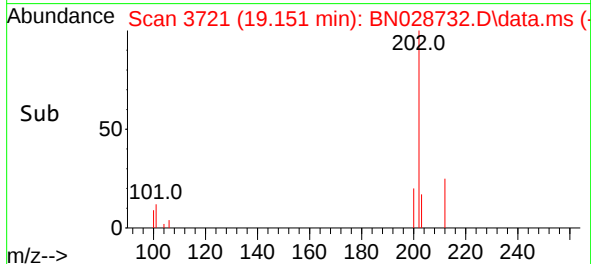
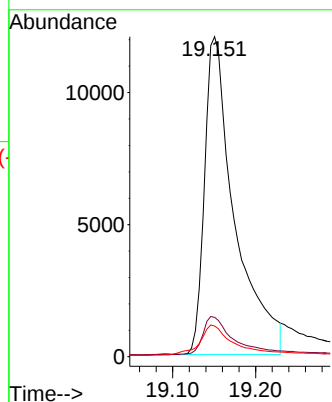
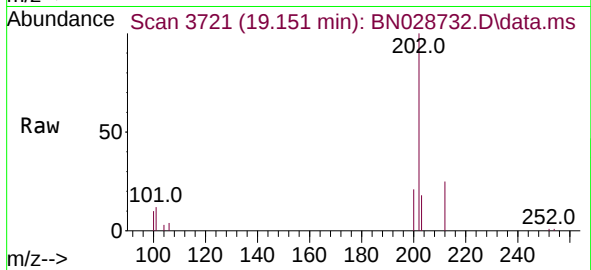
Acq: 18 Nov 2023 10:31

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:202	Resp:	30452
Ion Ratio	Lower	Upper
202	100	
101	12.3	9.5 14.3
100	9.6	7.2 10.8



#20

Pyrene

Concen: 0.420 ng/u1

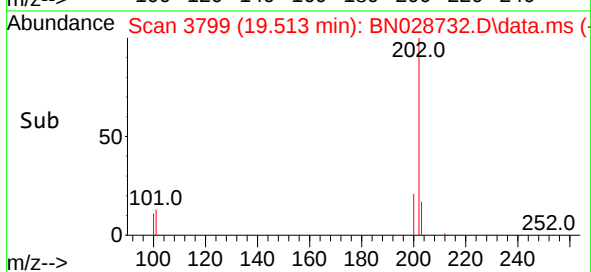
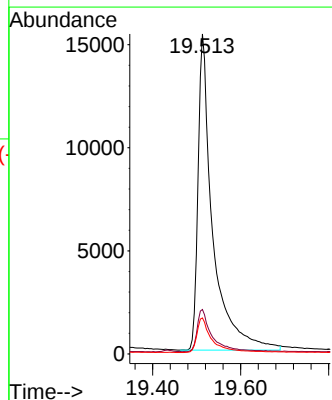
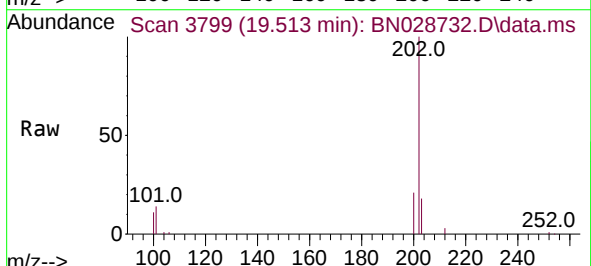
RT: 19.513 min Scan# 3799

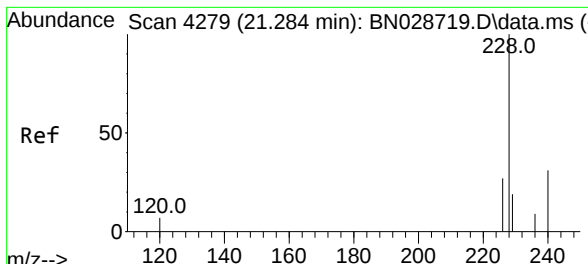
Delta R.T. 0.001 min

Lab File: BN028732.D

Acq: 18 Nov 2023 10:31

Tgt Ion:202	Resp:	35533
Ion Ratio	Lower	Upper
202	100	
101	13.9	10.3 15.5
100	11.3	8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.251 ng/ul

RT: 21.284 min Scan# 4279

Delta R.T. 0.004 min

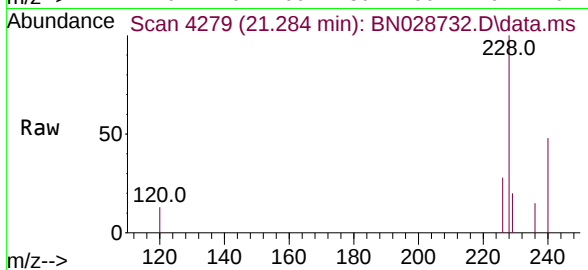
Lab File: BN028732.D

Acq: 18 Nov 2023 10:31

Instrument :

BNA_M

ClientSampleId :



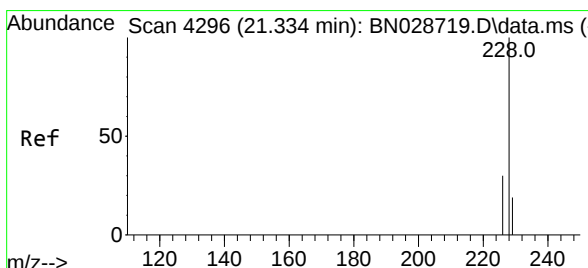
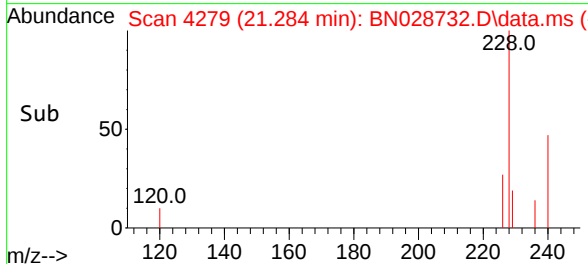
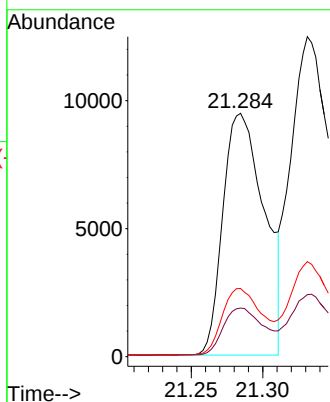
Tgt Ion:228 Resp: 19012

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

226 28.0 21.4 32.0



#22

Chrysene

Concen: 0.346 ng/ul

RT: 21.331 min Scan# 4295

Delta R.T. -0.002 min

Lab File: BN028732.D

Acq: 18 Nov 2023 10:31

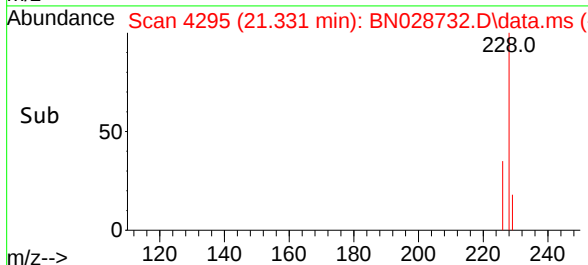
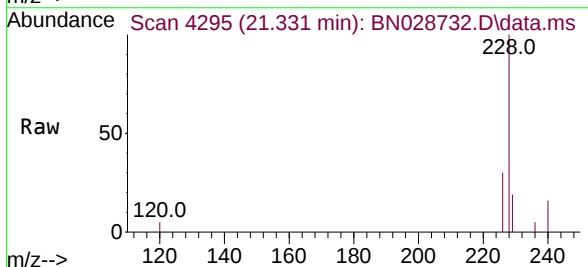
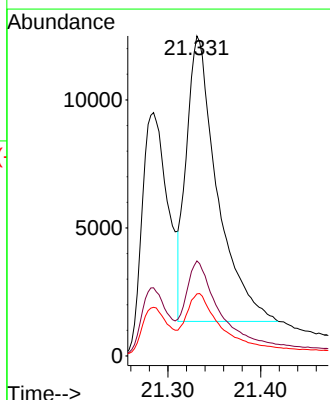
Tgt Ion:228 Resp: 25663

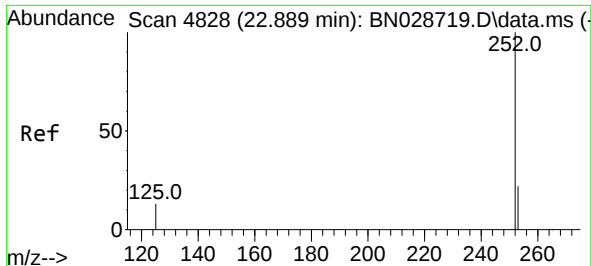
Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

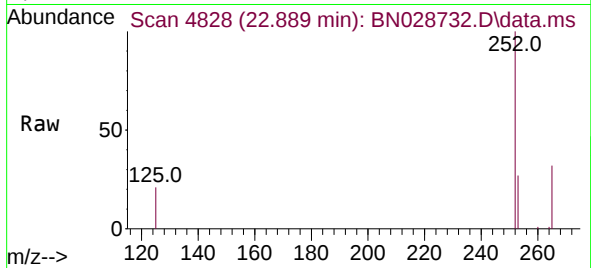
229 19.4 15.4 23.2



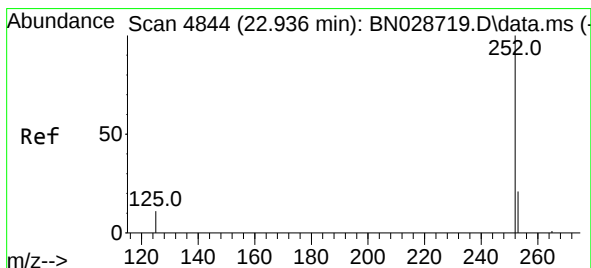
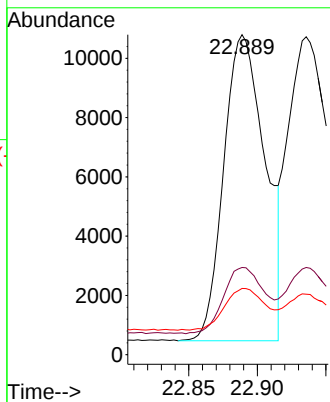
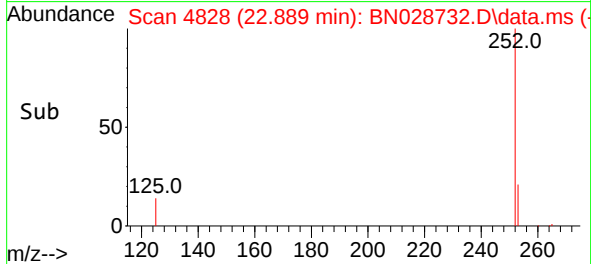


#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.889 min Scan# 4828
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

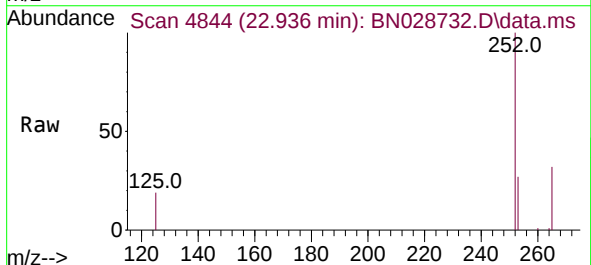
Instrument :
BNA_M
ClientSampleId :



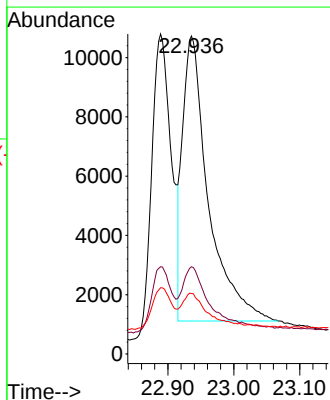
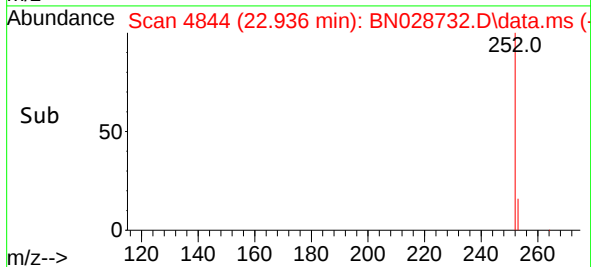
Tgt Ion:252 Resp: 21654
Ion Ratio Lower Upper
252 100
253 27.3 0.0 46.6
125 20.7 0.0 27.6

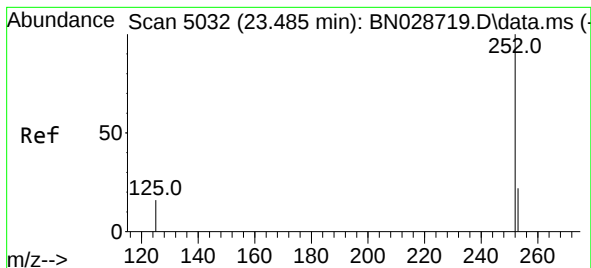


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.936 min Scan# 4844
Delta R.T. 0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



Tgt Ion:252 Resp: 26124
Ion Ratio Lower Upper
252 100
253 27.4 18.6 28.0
125 19.0 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.365 ng/ul

RT: 23.479 min Scan# 5032

Delta R.T. -0.002 min

Lab File: BN028732.D

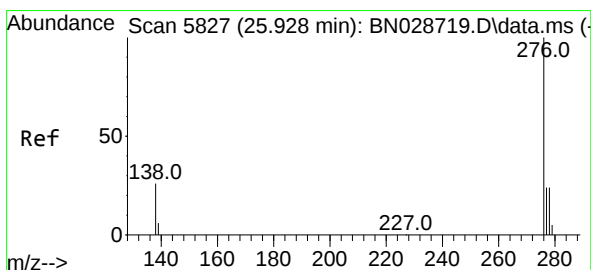
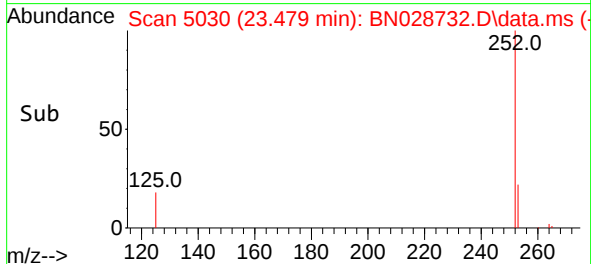
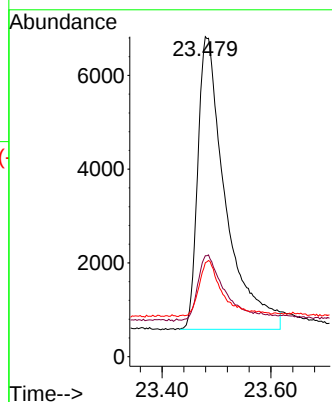
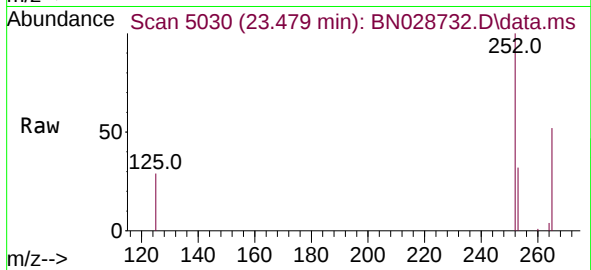
Acq: 18 Nov 2023 10:31

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	22135
Ion Ratio	Lower	Upper
252	100	
253	31.6	19.0 28.6#
125	29.4	13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

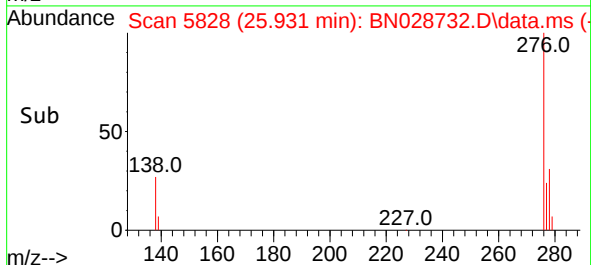
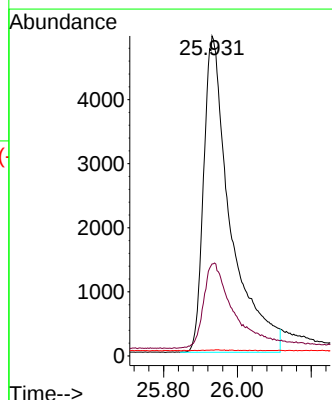
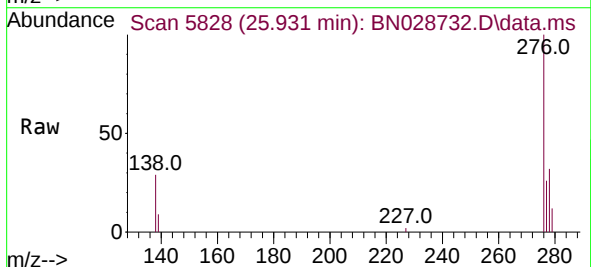
RT: 25.931 min Scan# 5828

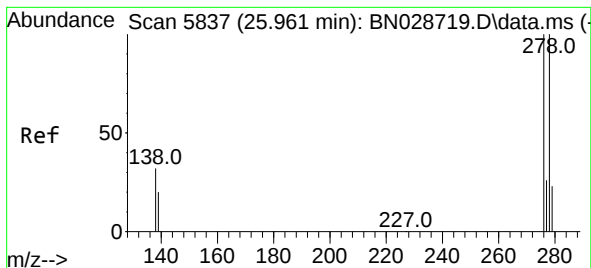
Delta R.T. 0.001 min

Lab File: BN028732.D

Acq: 18 Nov 2023 10:31

Tgt Ion:276	Resp:	24750
Ion Ratio	Lower	Upper
276	100	
138	0.0	23.8 35.6#
227	0.0	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.344 ng/ul

RT: 25.961 min Scan# 5837

Delta R.T. 0.004 min

Lab File: BN028732.D

Acq: 18 Nov 2023 10:31

Instrument :

BNA_M

ClientSampleId :

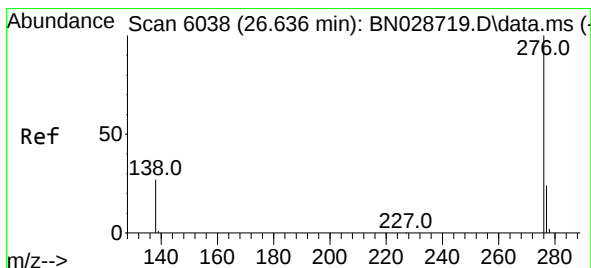
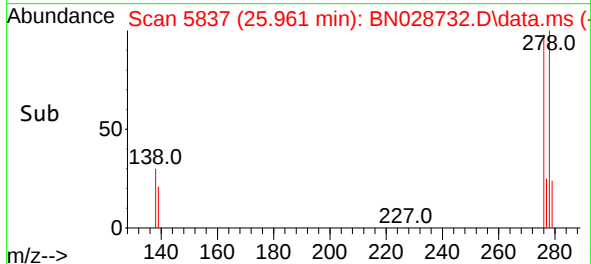
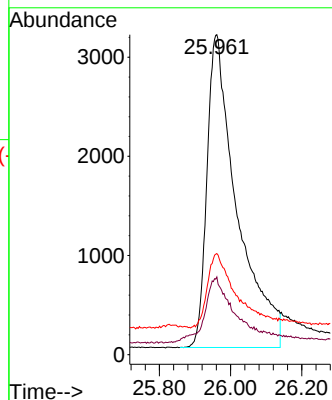
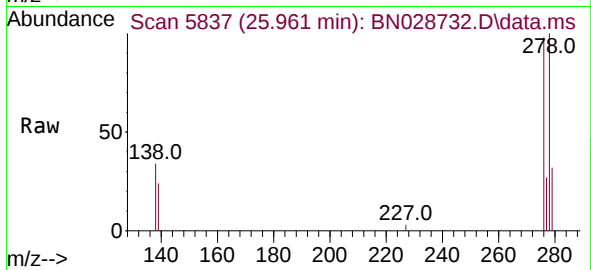
Tgt Ion:278 Resp: 18508

Ion Ratio Lower Upper

278 100

139 24.3 18.2 27.4

279 31.6 20.7 31.1#



#29

Benzo(g,h,i)perylene

Concen: 0.404 ng/ul

RT: 26.639 min Scan# 6039

Delta R.T. -0.003 min

Lab File: BN028732.D

Acq: 18 Nov 2023 10:31

Tgt Ion:276 Resp: 22267

Ion Ratio Lower Upper

276 100

138 29.3 20.5 30.7

277 25.5 19.4 29.0

