

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028745.D
 Acq On : 18 Nov 2023 18:54
 Operator : MA/JU
 Sample : 05369-18MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:04:01 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

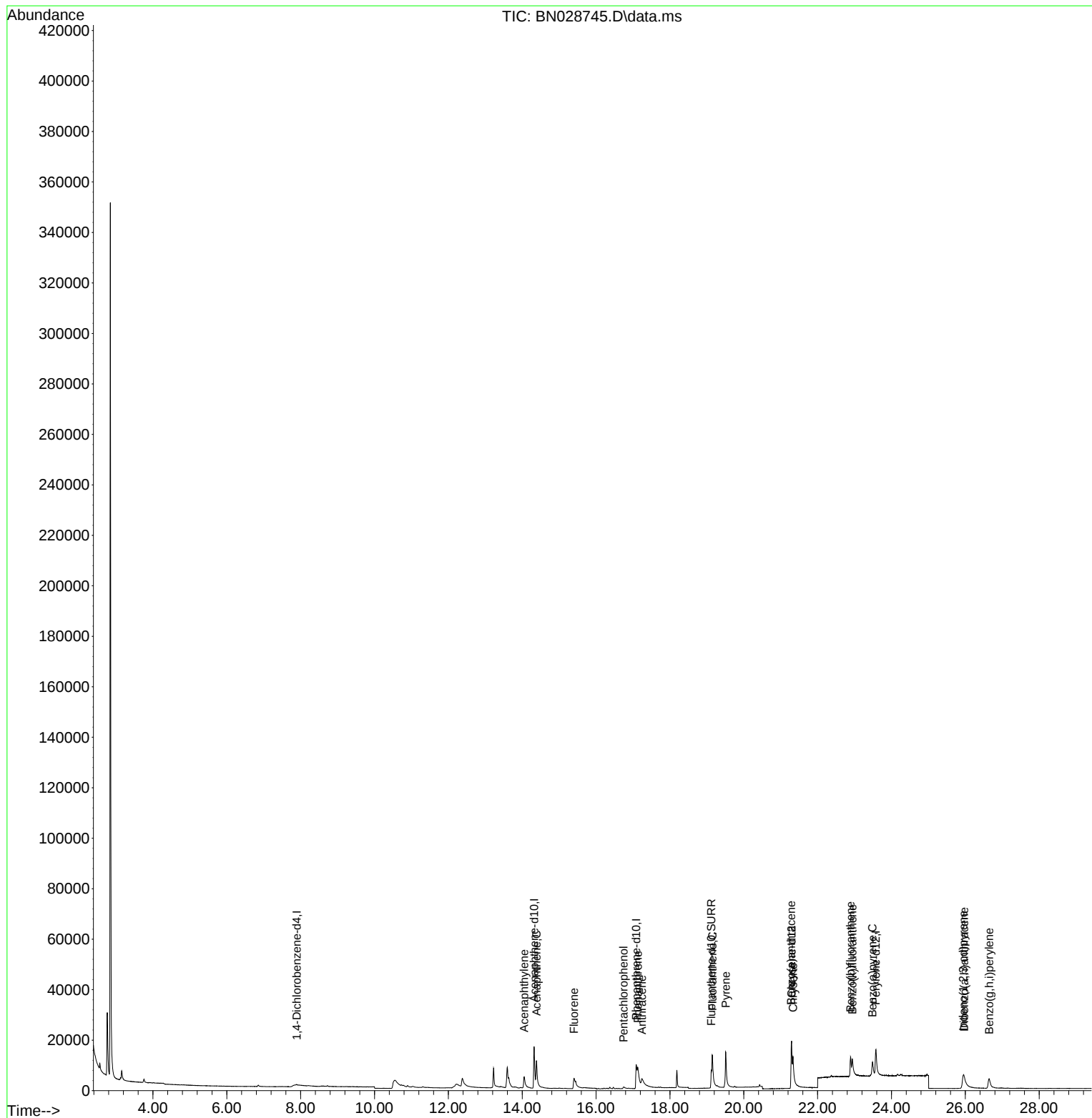
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	2334	0.400	ng/ul	# 0.10
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.321	164	14053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	20523	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	19934	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	18086	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	12.156	152	1659	0.000	ng/ul	0.04
18) Fluoranthene-d10	19.123	212	12337	0.192	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.053	152	11494	0.164	ng/ul	96
11) Acenaphthene	14.386	153	9692	0.188	ng/ul	98
12) Fluorene	15.404	166	7901	0.132	ng/ul	97
14) Pentachlorophenol	16.744	266	1076	0.218	ng/ul	100
15) Phenanthrene	17.132	178	13167	0.209	ng/ul	96
16) Anthracene	17.242	178	6758	0.117	ng/ul#	91
19) Fluoranthene	19.151	202	17072	0.201	ng/ul	98
20) Pyrene	19.513	202	19734	0.225	ng/ul	96
21) Benzo(a)anthracene	21.285	228	10527	0.134	ng/ul	98
22) Chrysene	21.334	228	13861	0.180	ng/ul	98
24) Benzo(b)fluoranthene	22.892	252	11334	0.167	ng/ul#	67
25) Benzo(k)fluoranthene	22.939	252	13576	0.191	ng/ul#	76
26) Benzo(a)pyrene	23.485	252	11940	0.186	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.941	276	13128	0.185	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.965	278	9784	0.172	ng/ul#	83
29) Benzo(g,h,i)perylene	26.646	276	11781	0.202	ng/ul#	92

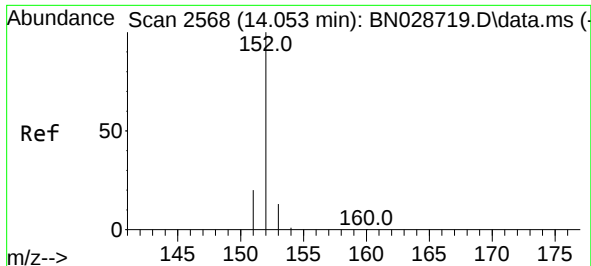
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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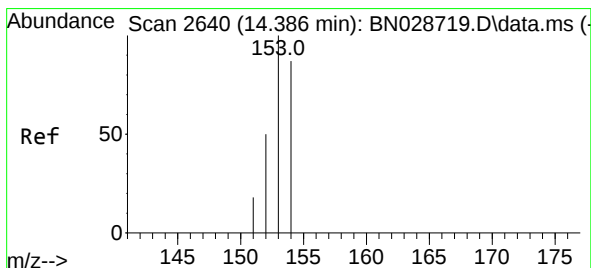
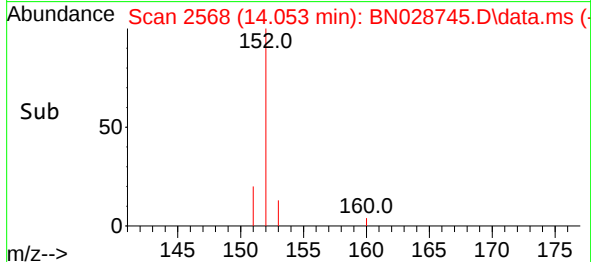
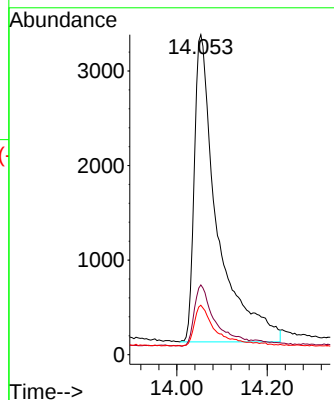
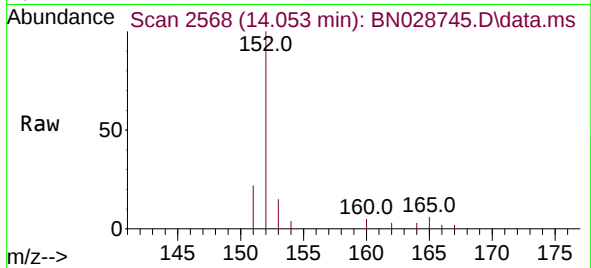




#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 14.053 min Scan# 2568
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

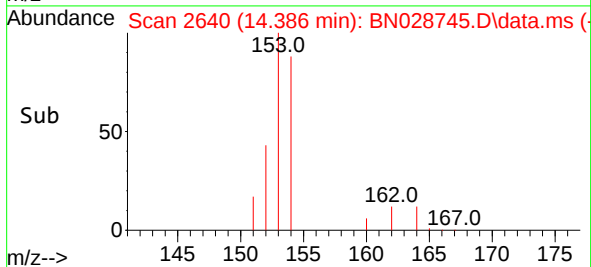
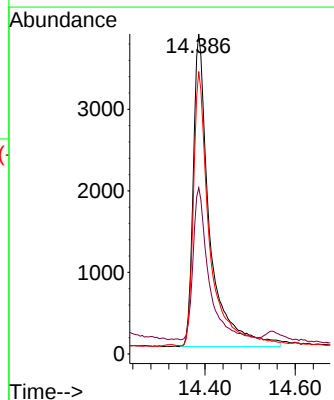
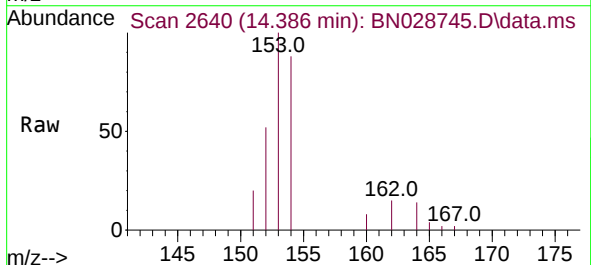
Instrument :
BNA_M
ClientSampleId :

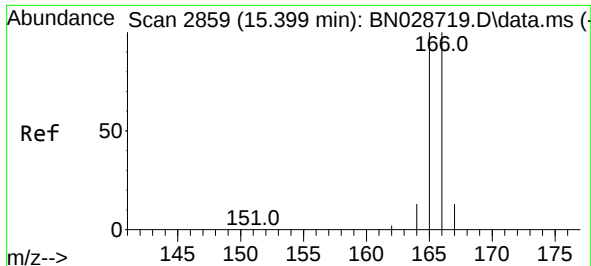
Tgt Ion:152 Resp: 11494
Ion Ratio Lower Upper
152 100
151 21.8 16.1 24.1
153 15.5 10.6 15.8



#11
Acenaphthene
Concen: 0.188 ng/ul
RT: 14.386 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion:153 Resp: 9692
Ion Ratio Lower Upper
153 100
152 51.9 39.6 59.4
154 88.3 71.0 106.6

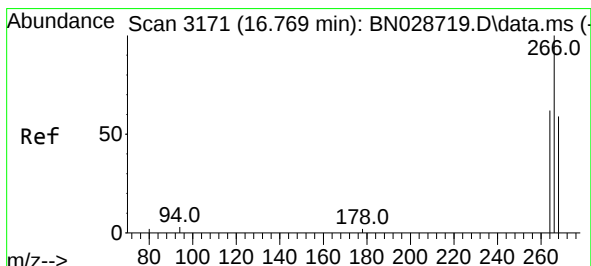
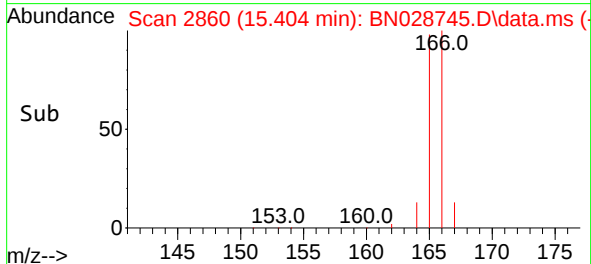
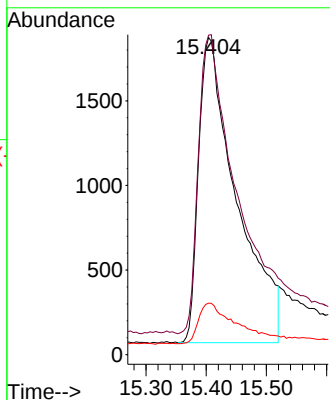
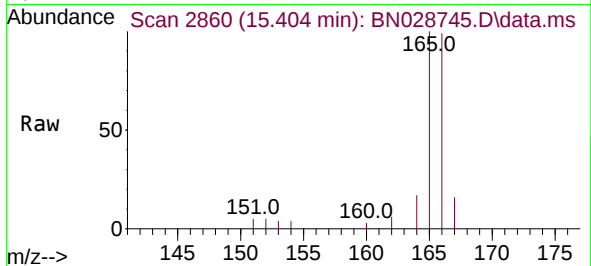




#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.404 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

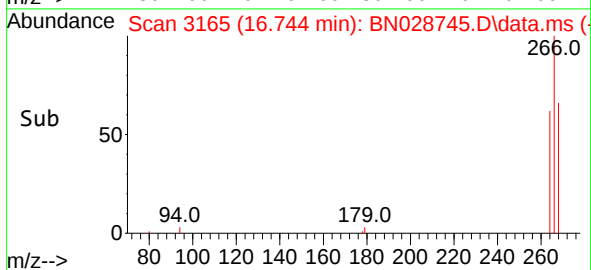
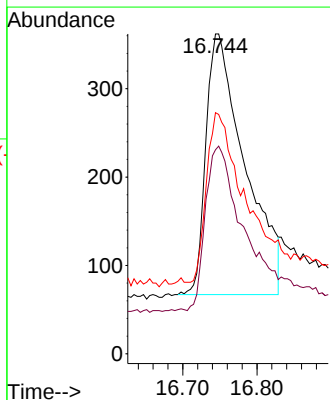
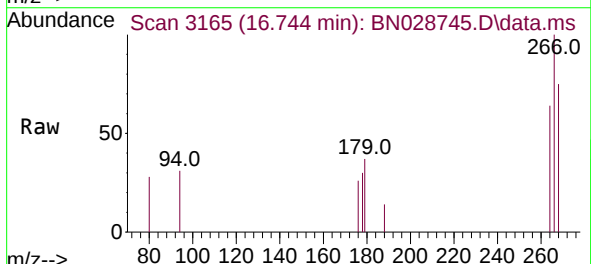
Instrument :
BNA_M
ClientSampleId :

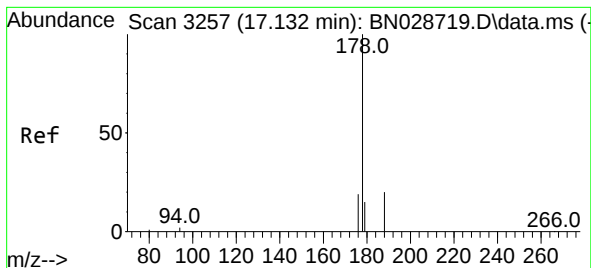
Tgt Ion:166 Resp: 7901
Ion Ratio Lower Upper
166 100
165 100.7 78.6 118.0
167 16.2 11.0 16.6



#14
Pentachlorophenol
Concen: 0.218 ng/ul
RT: 16.744 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion:266 Resp: 1076
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 62.7 50.6 75.8





#15

Phenanthrene

Concen: 0.209 ng/ul

RT: 17.132 min Scan# 31

Delta R.T. 0.001 min

Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

Instrument :

BNA_M

ClientSampleId :

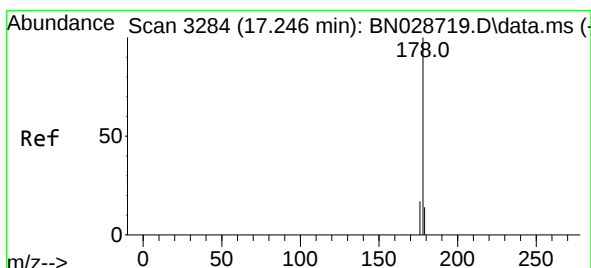
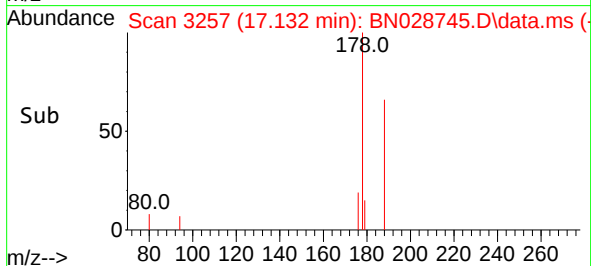
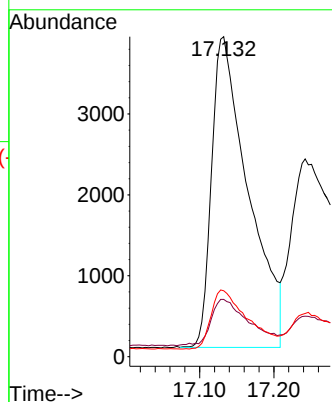
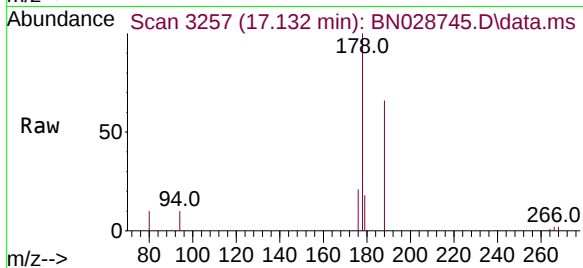
Tgt Ion:178 Resp: 13167

Ion Ratio Lower Upper

178 100

179 17.9 12.4 18.6

176 20.6 15.4 23.2



#16

Anthracene

Concen: 0.117 ng/ul

RT: 17.242 min Scan# 3283

Delta R.T. 0.005 min

Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

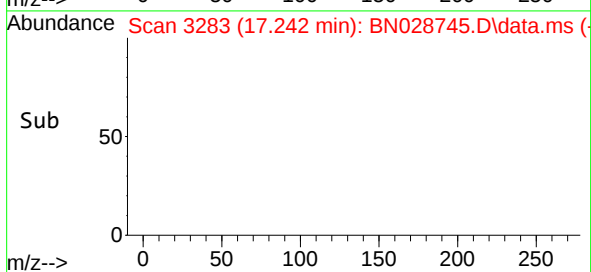
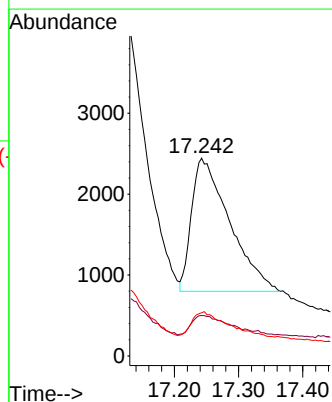
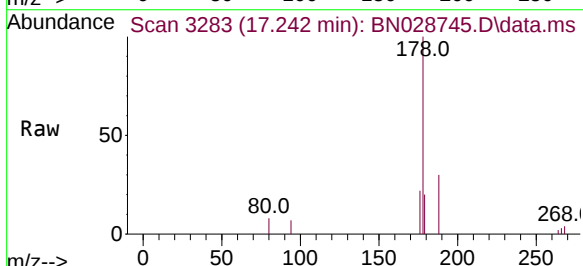
Tgt Ion:178 Resp: 6758

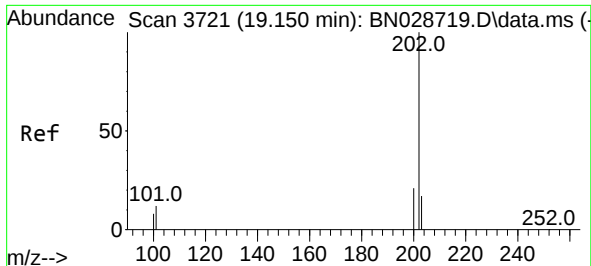
Ion Ratio Lower Upper

178 100

179 20.5 12.6 18.8#

176 21.8 14.9 22.3

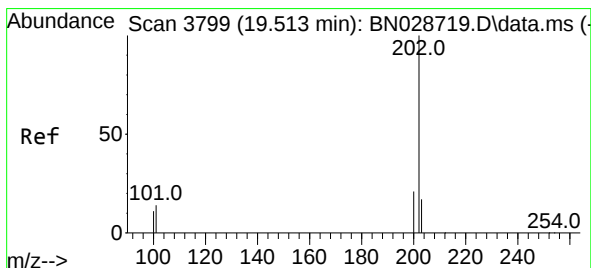
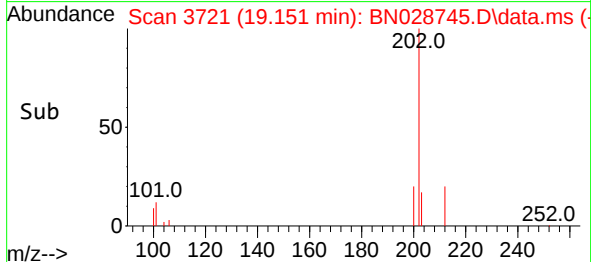
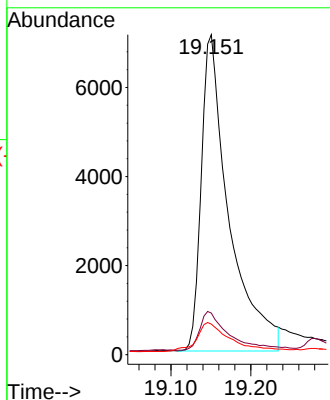
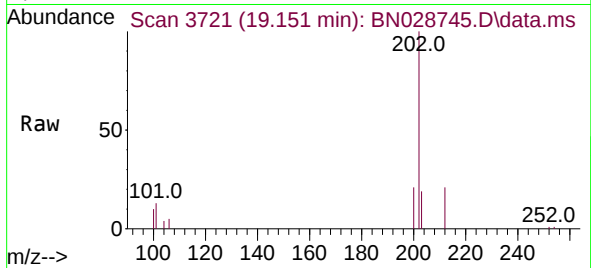




#19
Fluoranthene
Concen: 0.201 ng/u1
RT: 19.151 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

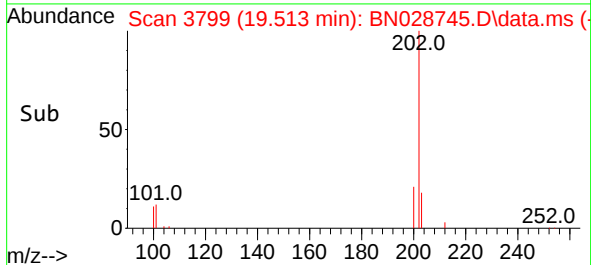
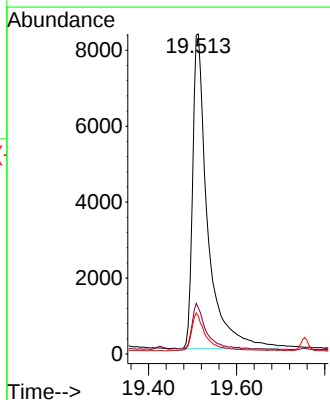
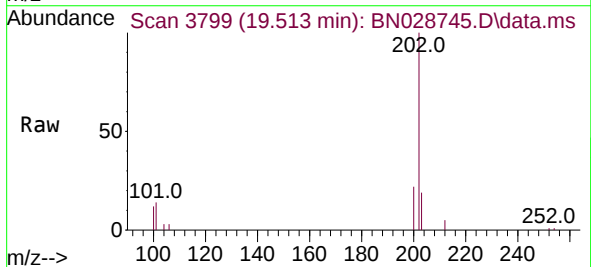
Instrument :
BNA_M
ClientSampleId :

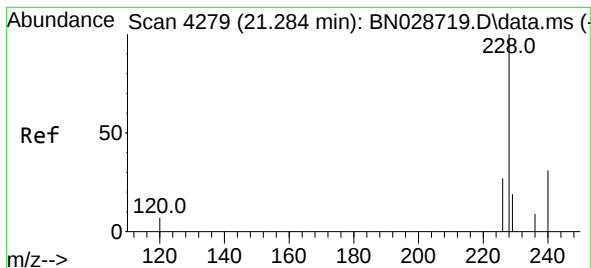
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.5	14.3
100	9.5	7.2	10.8



#20
Pyrene
Concen: 0.225 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.3	15.5
100	11.8	8.2	12.2





#21

Benzo(a)anthracene

Concen: 0.134 ng/ul

RT: 21.285 min Scan# 4279

Delta R.T. 0.004 min

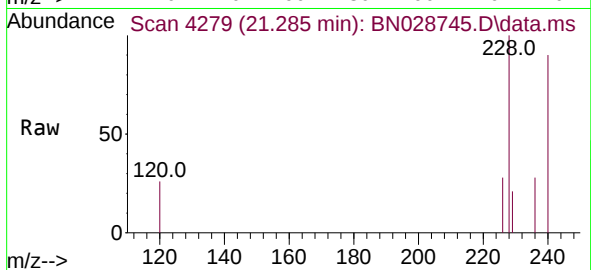
Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

Instrument :

BN028745.D

ClientSampleId :



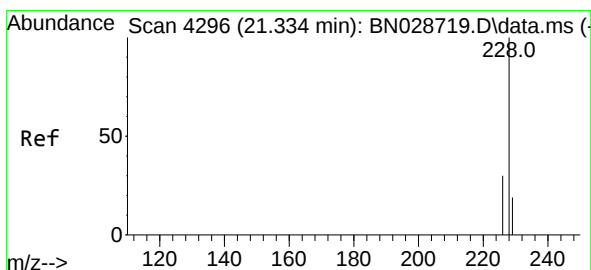
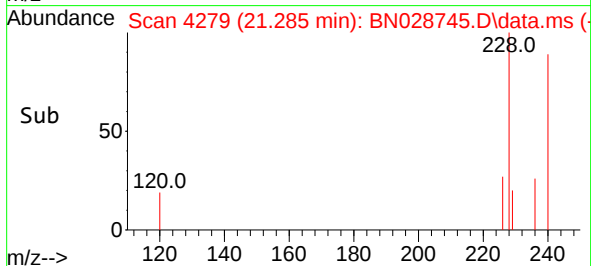
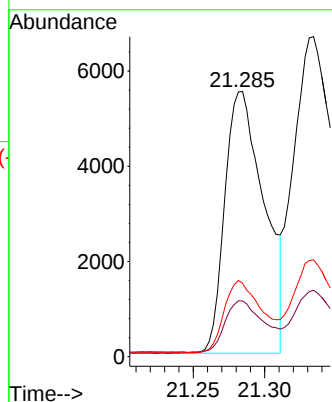
Tgt Ion:228 Resp: 10527

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

226 27.7 21.4 32.0



#22

Chrysene

Concen: 0.180 ng/ul

RT: 21.334 min Scan# 4296

Delta R.T. 0.001 min

Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

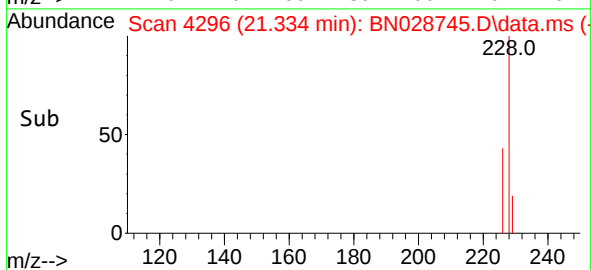
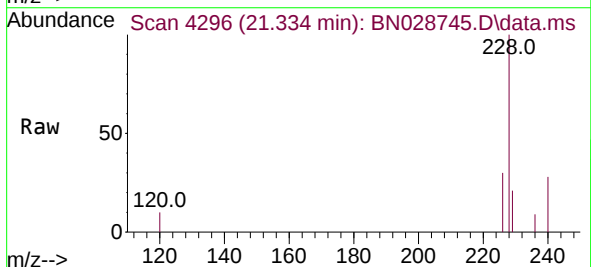
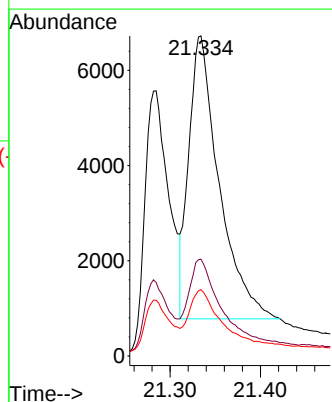
Tgt Ion:228 Resp: 13861

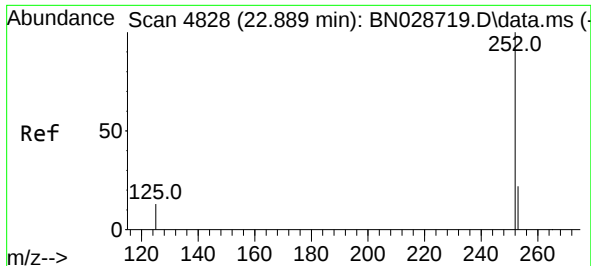
Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 20.7 15.4 23.2

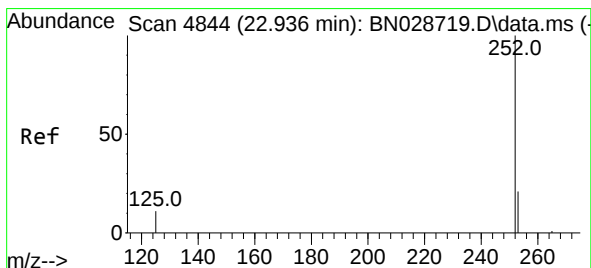
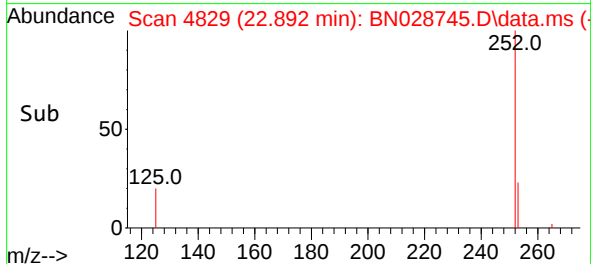
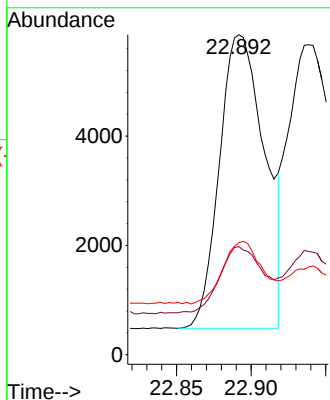
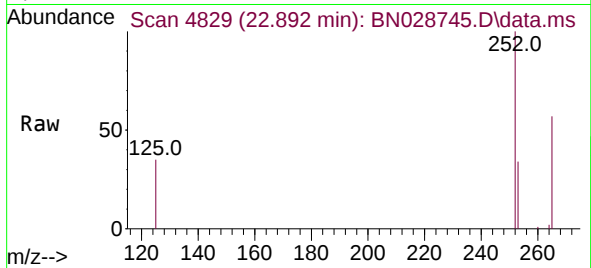




#24
Benzo(b)fluoranthene
Concen: 0.167 ng/ul
RT: 22.892 min Scan# 4829
Delta R.T. 0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

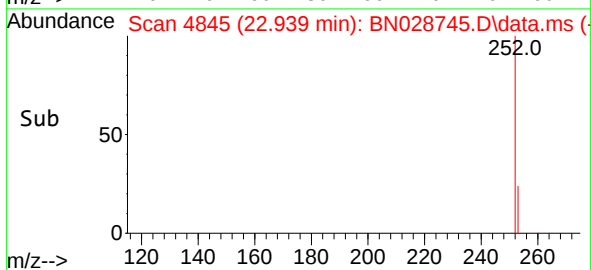
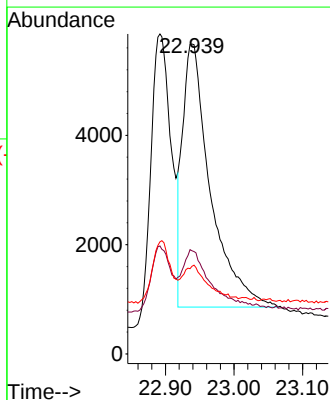
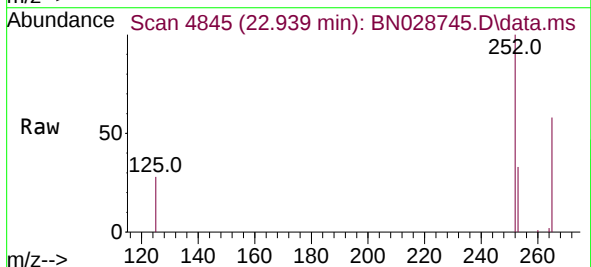
Instrument :
BNA_M
ClientSampleId :

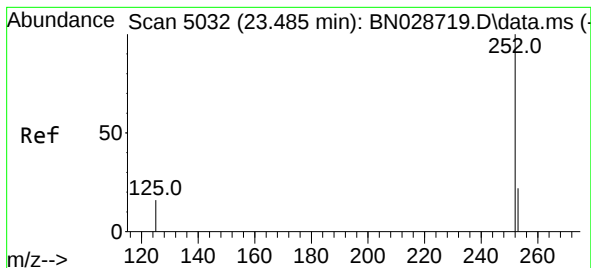
Tgt Ion:252 Resp: 11334
Ion Ratio Lower Upper
252 100
253 33.8 0.0 46.6
125 35.0 0.0 27.6#



#25
Benzo(k)fluoranthene
Concen: 0.191 ng/ul
RT: 22.939 min Scan# 4845
Delta R.T. 0.007 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion:252 Resp: 13576
Ion Ratio Lower Upper
252 100
253 33.3 18.6 28.0#
125 28.3 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.186 ng/ul

RT: 23.485 min Scan# 5032

Delta R.T. 0.004 min

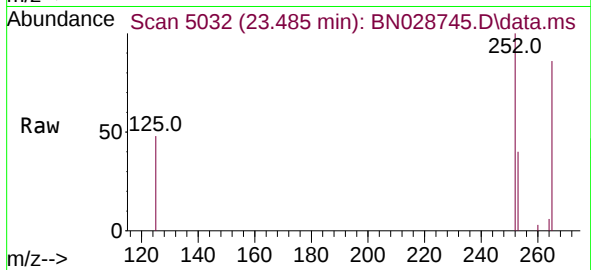
Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

Instrument :

BNA_M

ClientSampleId :



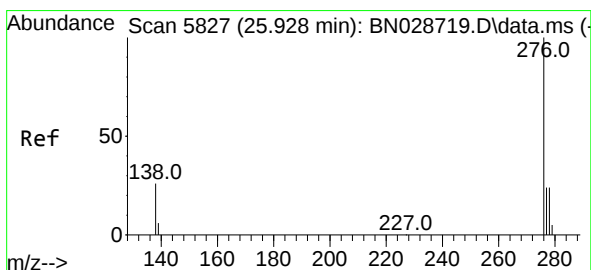
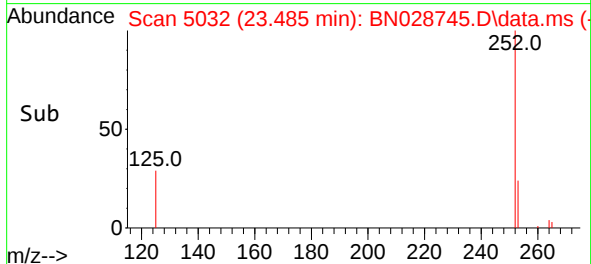
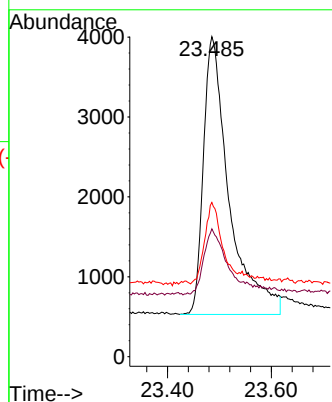
Tgt Ion:252 Resp: 11940

Ion Ratio Lower Upper

252 100

253 40.0 19.0 28.6#

125 48.2 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.185 ng/ul

RT: 25.941 min Scan# 5831

Delta R.T. 0.011 min

Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

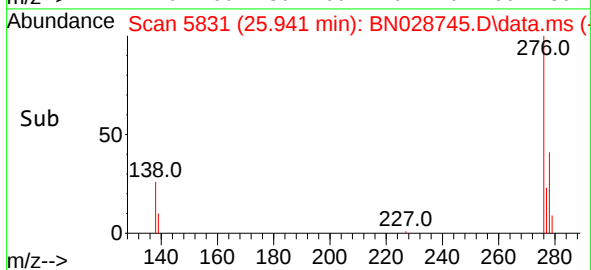
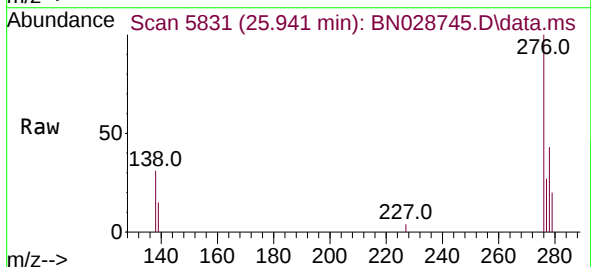
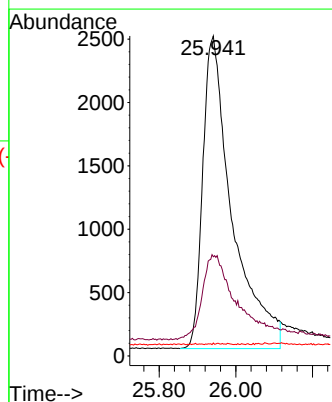
Tgt Ion:276 Resp: 13128

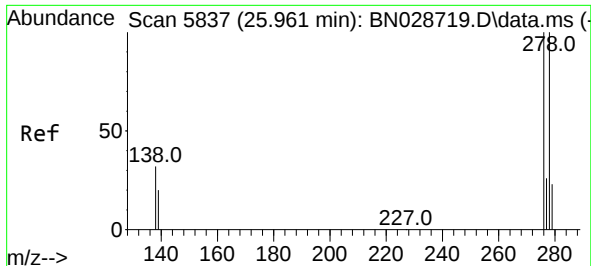
Ion Ratio Lower Upper

276 100

138 31.6 23.8 35.6

227 0.0 0.1 0.1#

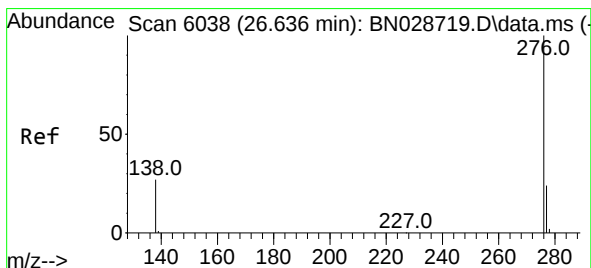
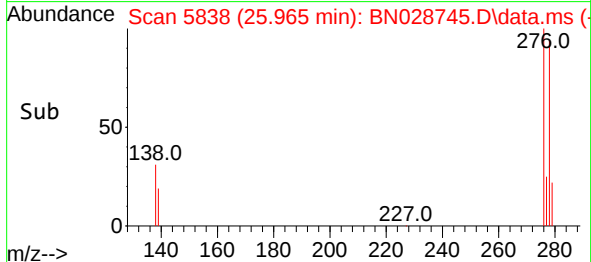
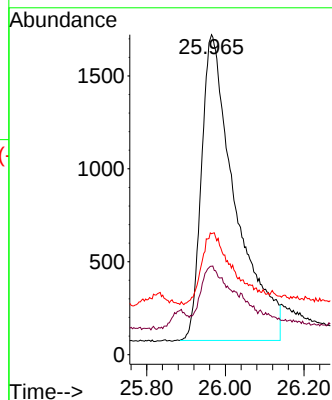
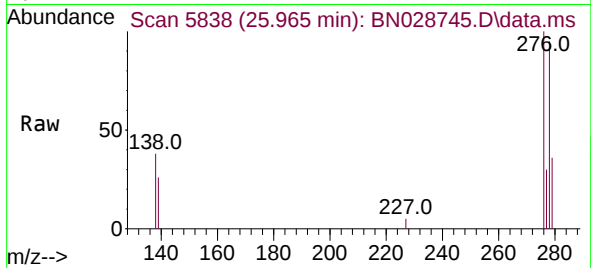




#28
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 25.965 min Scan# 5837
Delta R.T. 0.008 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 9784
Ion Ratio Lower Upper
278 100
139 27.6 18.2 27.4#
279 37.8 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.646 min Scan# 6041
Delta R.T. 0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion:276 Resp: 11781
Ion Ratio Lower Upper
276 100
138 30.7 20.5 30.7#
277 26.7 19.4 29.0

