

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 22:59:38 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)

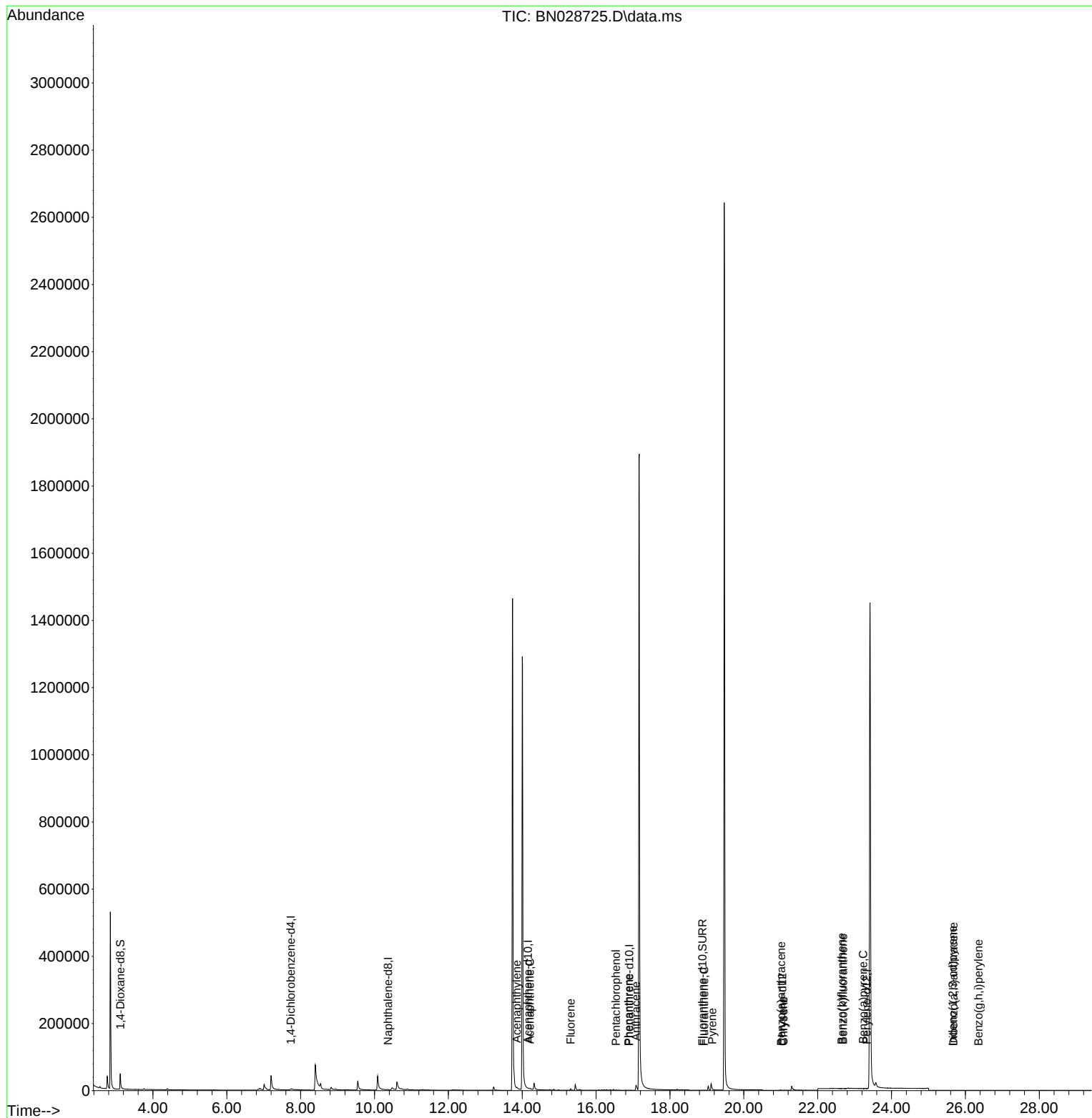
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	3612	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.363	136	721	0.400	ng/ul	#-0.13
9) Acenaphthene-d10	14.154	164	3	0.400	ng/ul	#-0.17
13) Phenanthrene-d10	16.895	188	101	0.400	ng/ul	#-0.19
17) Chrysene-d12	21.041	240	5	0.400	ng/ul	#-0.25
23) Perylene-d12	23.329	264	7	0.400	ng/ul	#-0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32970	8.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	2	0.002	ng/ul	-0.13
18) Fluoranthene-d10	18.880	212	4	0.249	ng/ul	-0.24
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.853	152	93	6.211	ng/ul#	1
11) Acenaphthene	14.209	153	1197	108.637	ng/ul#	43
12) Fluorene	15.310	166	3953	308.359	ng/ul#	15
14) Pentachlorophenol	16.536	266	15	0.619	ng/ul#	23
15) Phenanthrene	16.878	178	115	0.371	ng/ul#	1
16) Anthracene	17.081	178	54	0.190	ng/ul#	1
19) Fluoranthene	18.922	202	136	6.395	ng/ul#	1
20) Pyrene	19.145	202	188	8.530	ng/ul#	1
21) Benzo(a)anthracene	21.006	228	5	0.253	ng/ul#	1
22) Chrysene	21.073	228	3	0.155	ng/ul#	1
24) Benzo(b)fluoranthene	22.654	252	13	0.495	ng/ul#	1
25) Benzo(k)fluoranthene	22.686	252	10	0.363	ng/ul#	1
26) Benzo(a)pyrene	23.230	252	21	0.847	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.658	276	2	0.073	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.675	278	5	0.227	ng/ul#	1
29) Benzo(g,h,i)perylene	26.356	276	1	0.044	ng/ul#	1

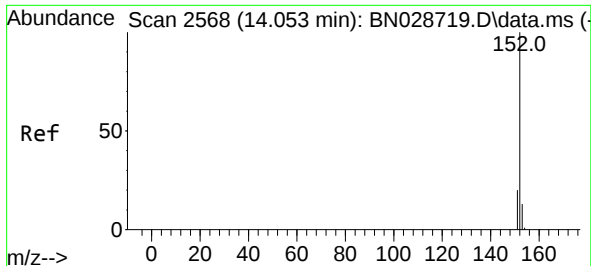
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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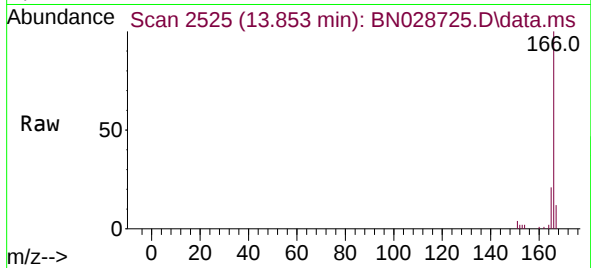
Quant Time: Nov 18 22:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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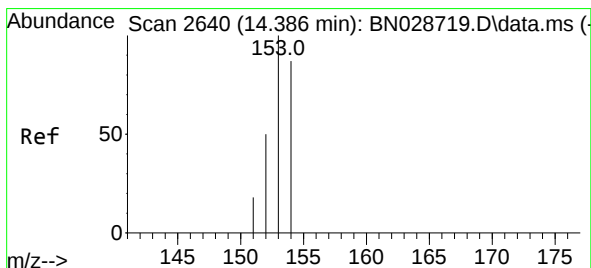
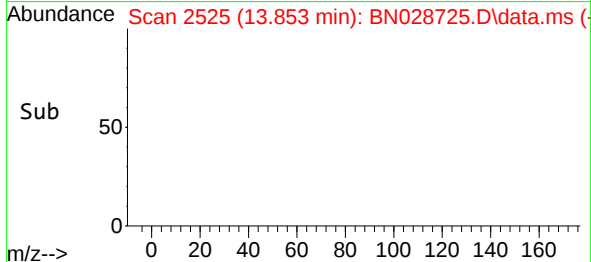
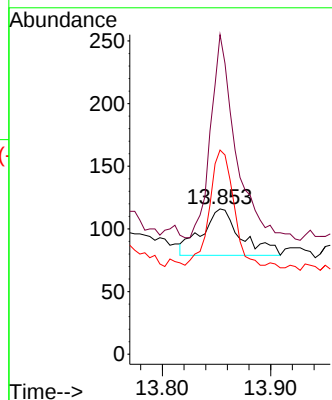


#10
Acenaphthylene
Concen: 6.211 ng/ul
RT: 13.853 min Scan# 21
Delta R.T. -0.199 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Instrument :
BNA_M
ClientSampleId :

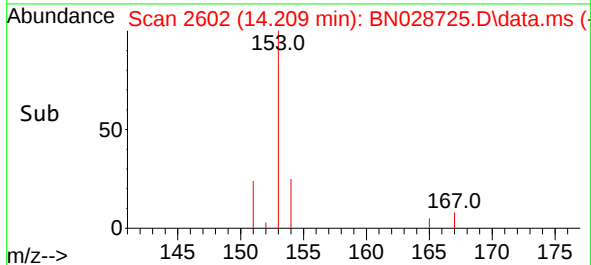
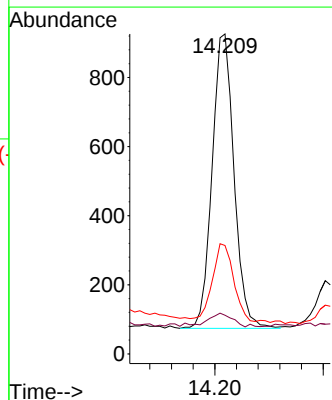
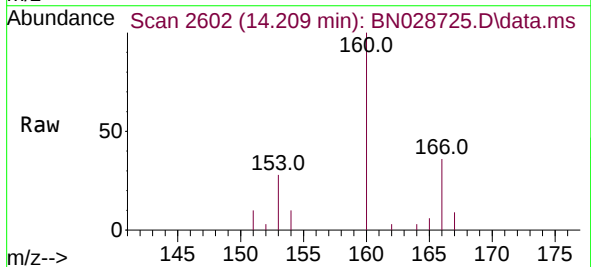


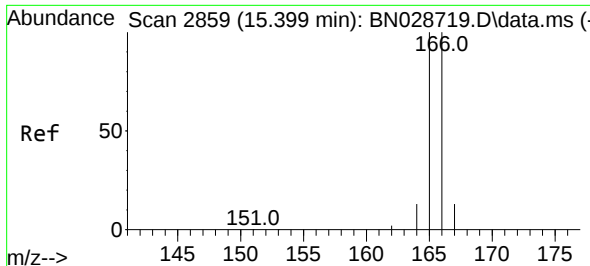
Tgt Ion:152 Resp: 93
Ion Ratio Lower Upper
152 100
151 219.8 16.1 24.1#
153 140.5 10.6 15.8#



#11
Acenaphthene
Concen: 108.637 ng/ul
RT: 14.209 min Scan# 2602
Delta R.T. -0.180 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Tgt Ion:153 Resp: 1197
Ion Ratio Lower Upper
153 100
152 12.1 39.6 59.4#
154 33.9 71.0 106.6#

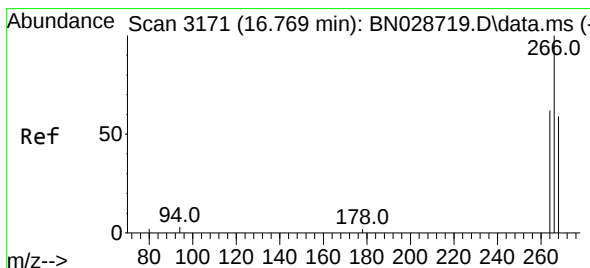
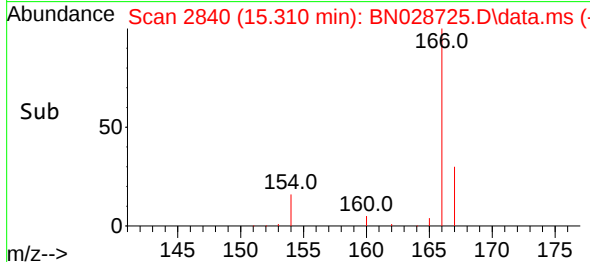
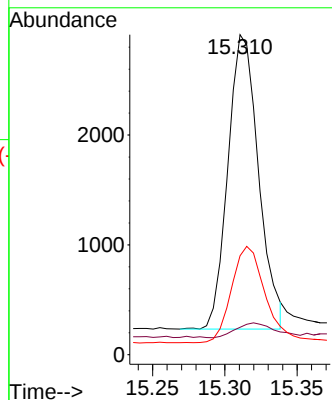
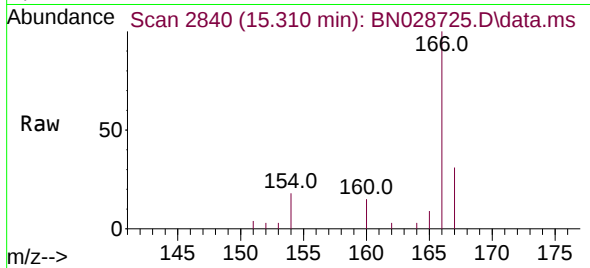




#12
Fluorene
Concen: 308.359 ng/ul
RT: 15.310 min Scan# 2116
Delta R.T. -0.083 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

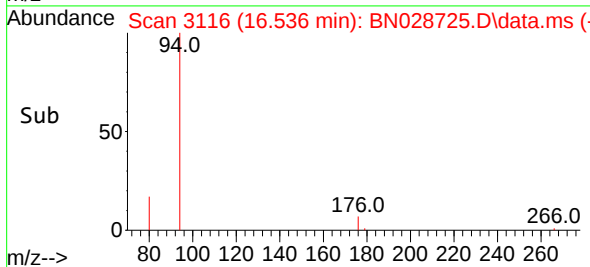
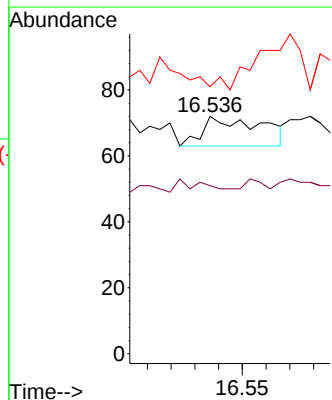
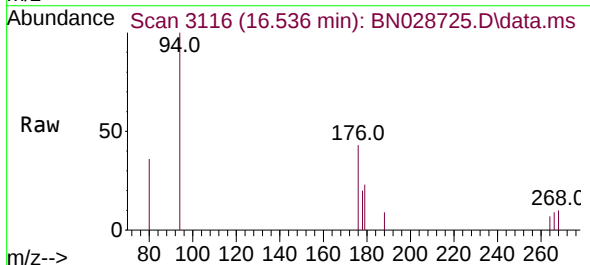
Instrument :
BNA_M
ClientSampleId :

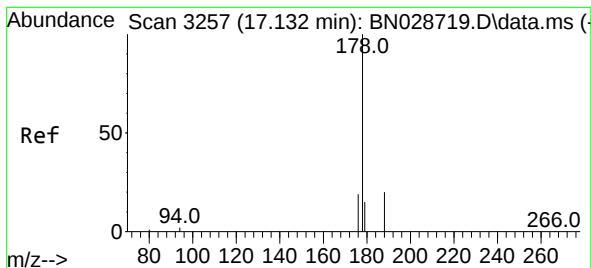
Tgt Ion:166 Resp: 3953
Ion Ratio Lower Upper
166 100
165 8.5 78.6 118.0#
167 30.9 11.0 16.6#



#14
Pentachlorophenol
Concen: 0.619 ng/ul
RT: 16.536 min Scan# 3116
Delta R.T. -0.211 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 6.7 50.1 75.1#
268 0.0 50.6 75.8#





#15

Phenanthrene

Concen: 0.371 ng/ul

RT: 16.878 min Scan# 3197

Delta R.T. -0.253 min

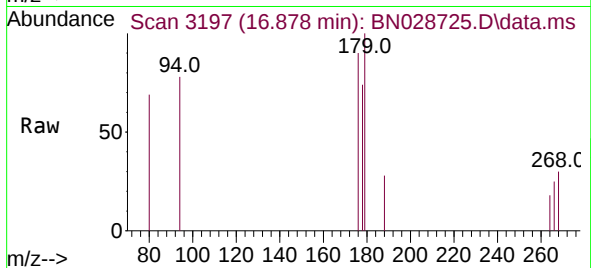
Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

Instrument :

BNA_M

ClientSampleId :



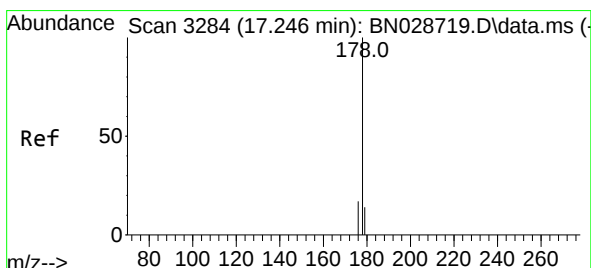
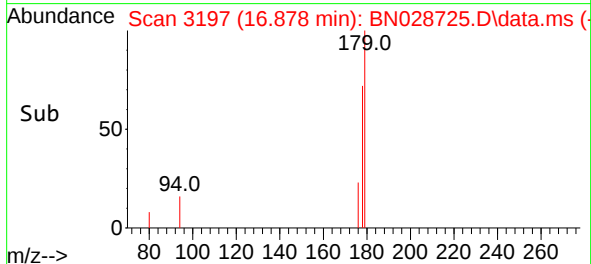
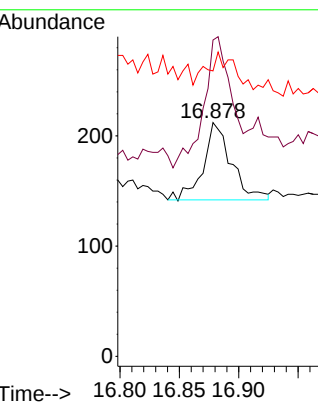
Tgt Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

179 135.4 12.4 18.6#

176 122.2 15.4 23.2#



#16

Anthracene

Concen: 0.190 ng/ul

RT: 17.081 min Scan# 3245

Delta R.T. -0.156 min

Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

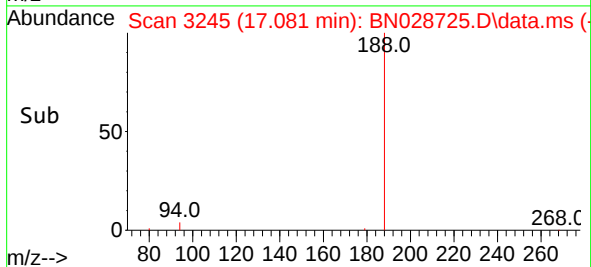
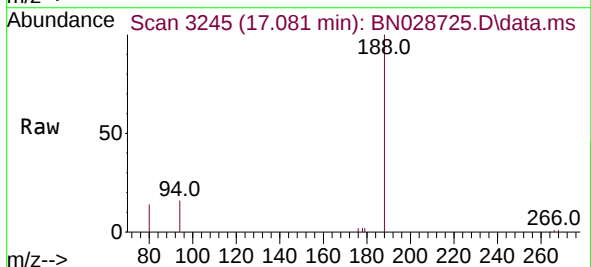
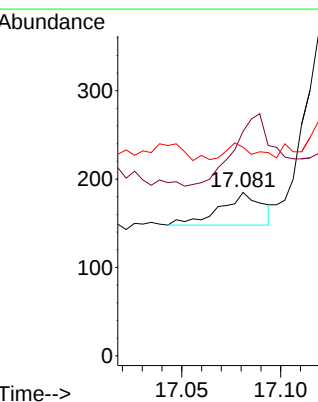
Tgt Ion:178 Resp: 54

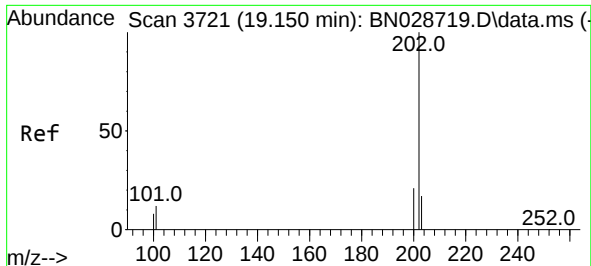
Ion Ratio Lower Upper

178 100

179 137.3 12.6 18.8#

176 127.6 14.9 22.3#





#19

Fluoranthene

Concen: 6.395 ng/u1

RT: 18.922 min Scan# 3

Delta R.T. -0.228 min

Lab File: BN028725.D

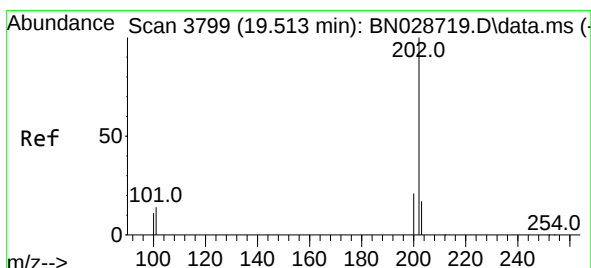
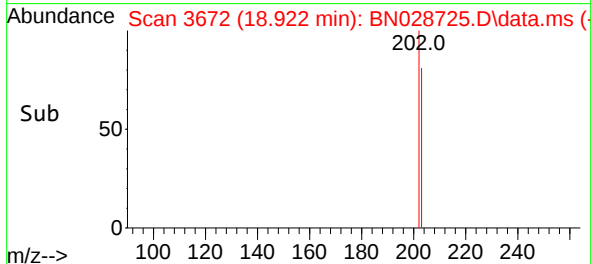
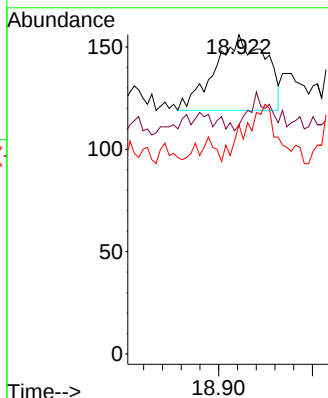
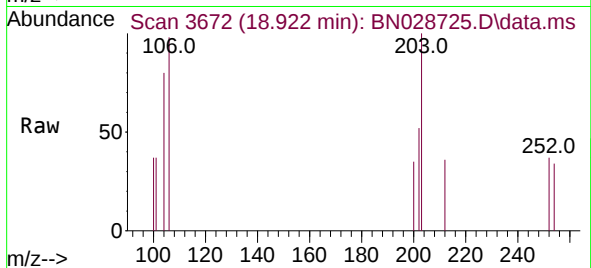
Acq: 18 Nov 2023 06:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:202	Resp:	136
Ion Ratio	Lower	Upper
202	100	
101	71.8	9.5 14.3#
100	71.8	7.2 10.8#



#20

Pyrene

Concen: 8.530 ng/u1

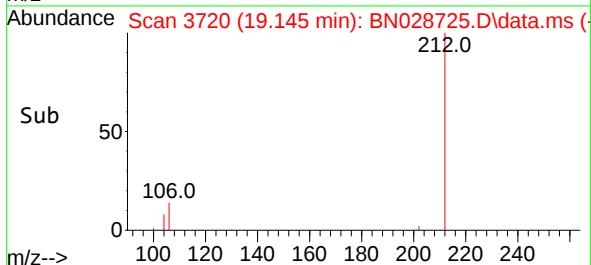
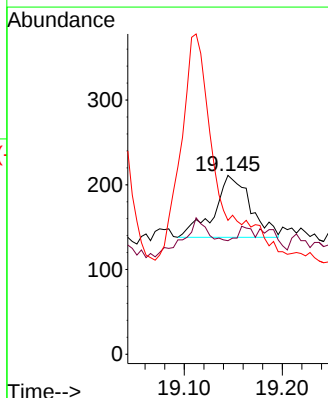
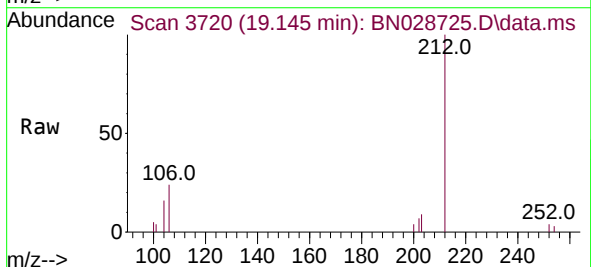
RT: 19.145 min Scan# 3720

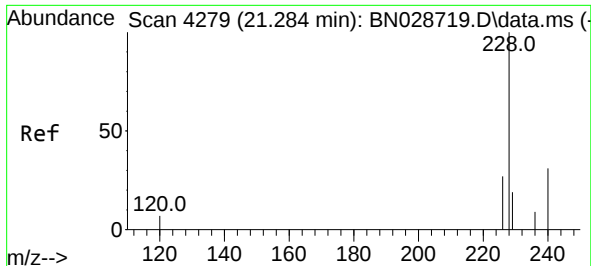
Delta R.T. -0.368 min

Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

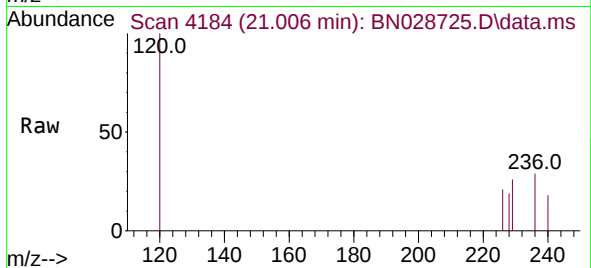
Tgt Ion:202	Resp:	188
Ion Ratio	Lower	Upper
202	100	
101	63.5	10.3 15.5#
100	74.9	8.2 12.2#



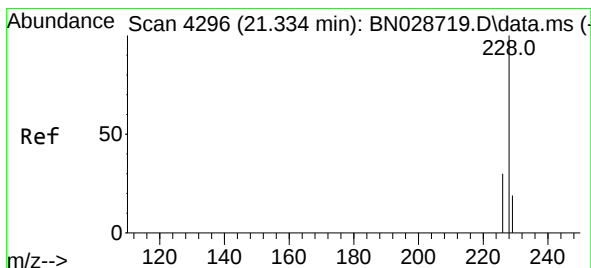
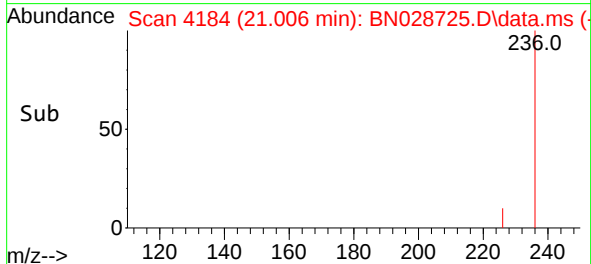
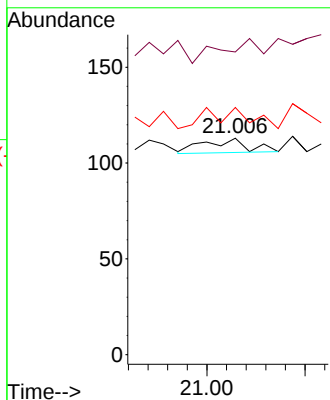


#21
Benzo(a)anthracene
Concen: 0.253 ng/ul
RT: 21.006 min Scan# 4184
Delta R.T. -0.275 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Instrument :
BNA_M
ClientSampleId :

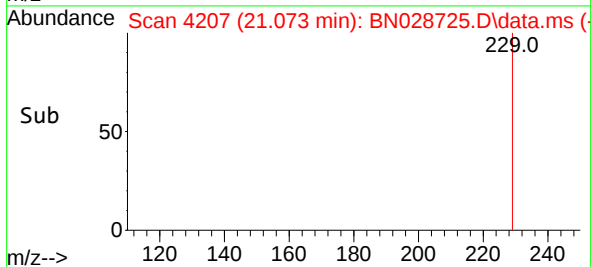
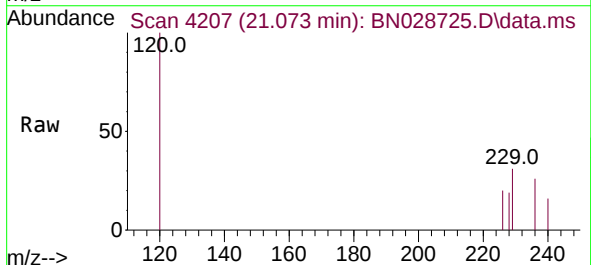
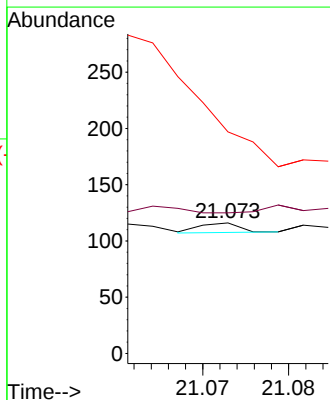


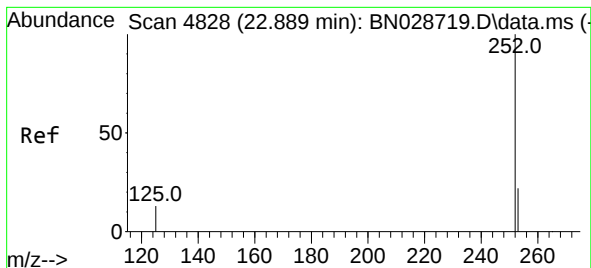
Tgt Ion:228 Resp: 5
Ion Ratio Lower Upper
228 100
229 139.8 15.7 23.5#
226 114.2 21.4 32.0#



#22
Chrysene
Concen: 0.155 ng/ul
RT: 21.073 min Scan# 4207
Delta R.T. -0.260 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Tgt Ion:228 Resp: 3
Ion Ratio Lower Upper
228 100
226 107.8 23.8 35.8#
229 169.8 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.495 ng/ul

RT: 22.654 min Scan# 4759

Delta R.T. -0.234 min

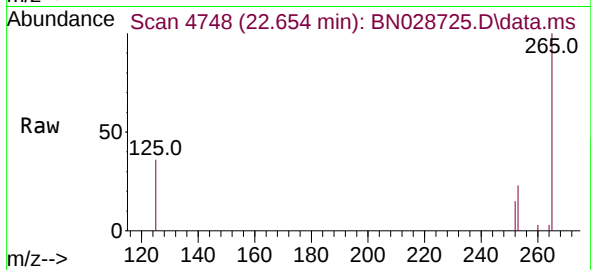
Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

Instrument :

BNA_M

ClientSampleId :



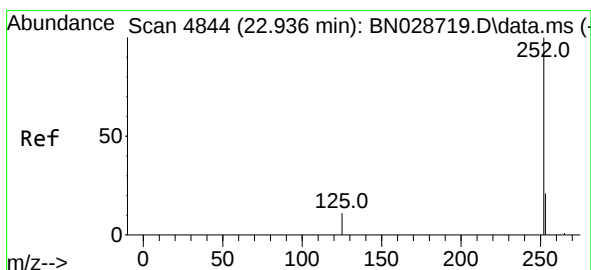
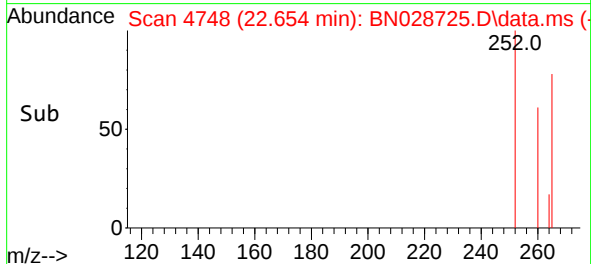
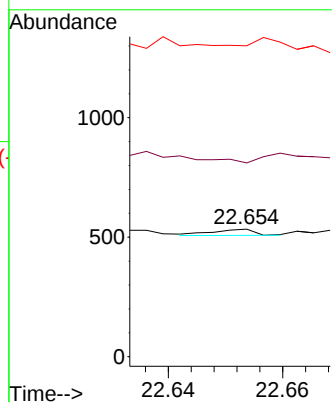
Tgt Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 151.9 0.0 46.6#

125 243.6 0.0 27.6#



#25

Benzo(k)fluoranthene

Concen: 0.363 ng/ul

RT: 22.686 min Scan# 4759

Delta R.T. -0.246 min

Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

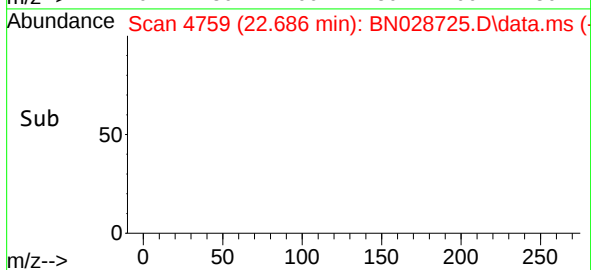
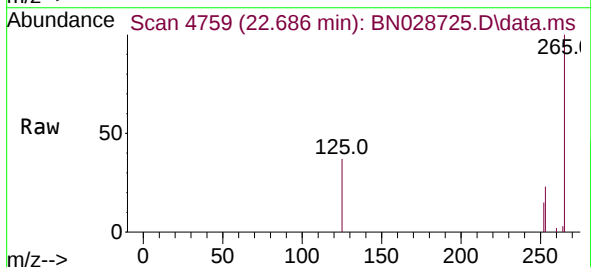
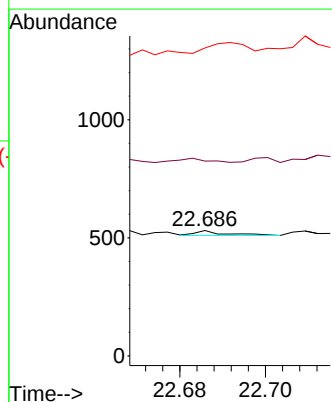
Tgt Ion:252 Resp: 10

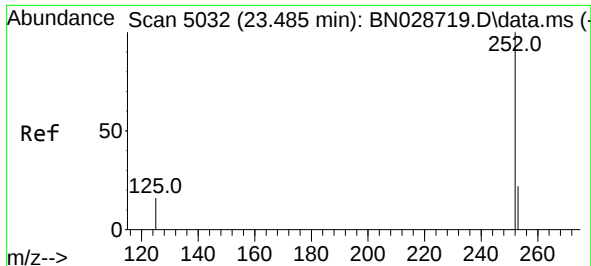
Ion Ratio Lower Upper

252 100

253 155.4 18.6 28.0#

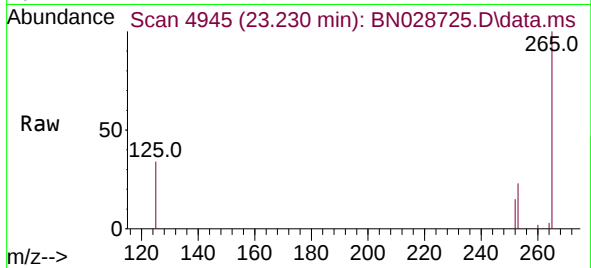
125 245.6 12.7 19.1#



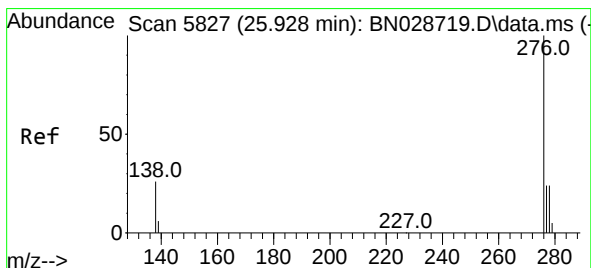
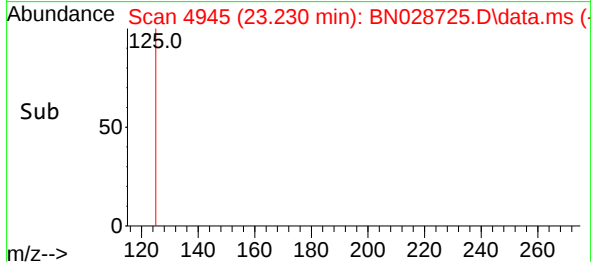
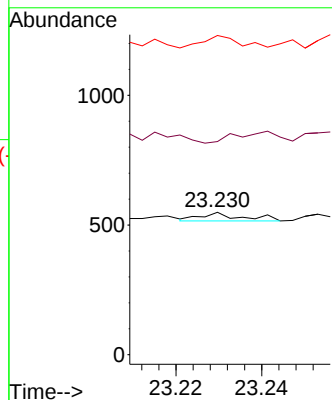


#26
Benzo(a)pyrene
Concen: 0.847 ng/ul
RT: 23.230 min Scan# 4945
Delta R.T. -0.252 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Instrument :
BNA_M
ClientSampleId :

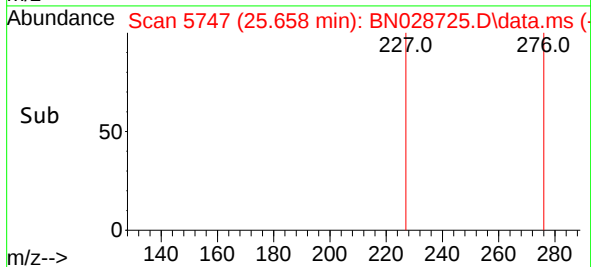
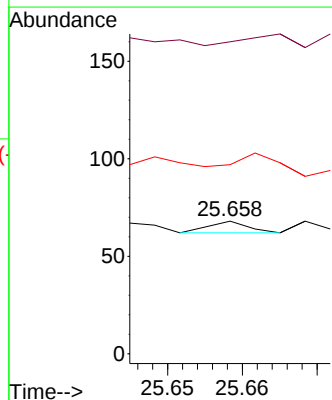
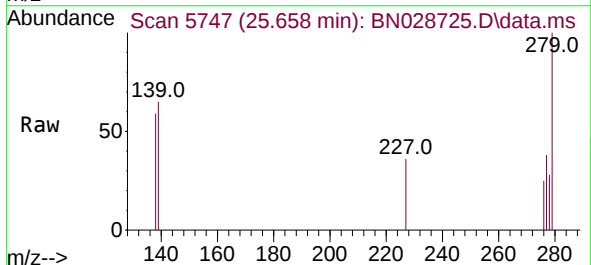


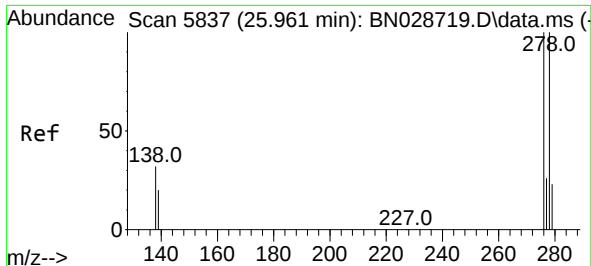
Tgt Ion:252 Resp: 21
Ion Ratio Lower Upper
252 100
253 149.7 19.0 28.6#
125 224.2 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng/ul
RT: 25.658 min Scan# 5747
Delta R.T. -0.272 min
Lab File: BN028725.D
Acq: 18 Nov 2023 06:19

Tgt Ion:276 Resp: 2
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: 0.227 ng/ul

RT: 25.675 min Scan# 51

Delta R.T. -0.282 min

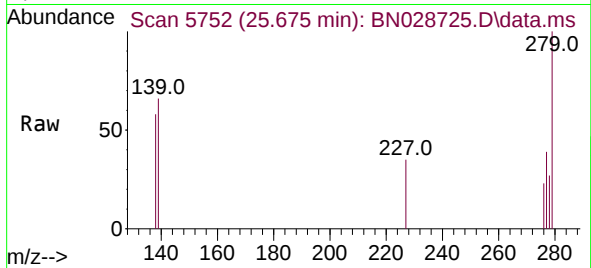
Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

Instrument :

BNA_M

ClientSampleId :



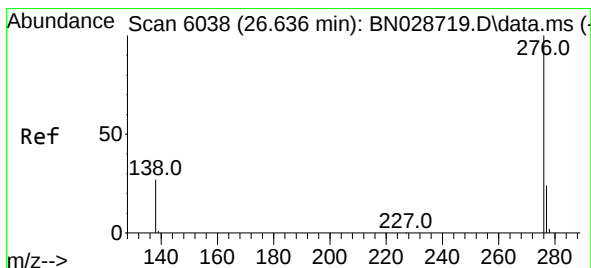
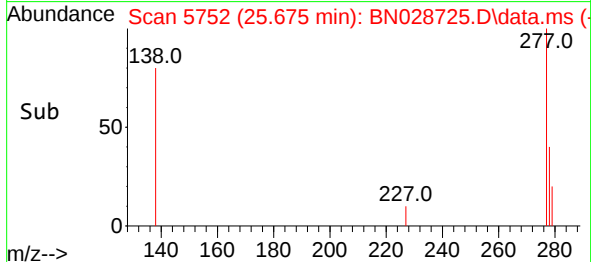
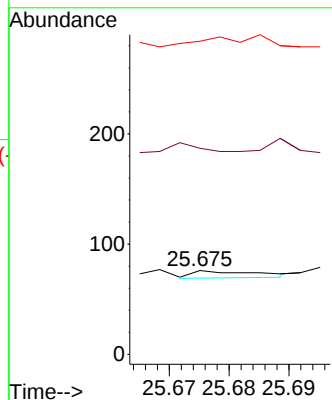
Tgt Ion:278 Resp: 5

Ion Ratio Lower Upper

278 100

139 246.1 18.2 27.4#

279 373.7 20.7 31.1#



#29

Benzo(g,h,i)perylene

Concen: 0.044 ng/ul

RT: 26.356 min Scan# 5955

Delta R.T. -0.285 min

Lab File: BN028725.D

Acq: 18 Nov 2023 06:19

Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 229.4 20.5 30.7#

277 154.4 19.4 29.0#

