

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:00:22 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)

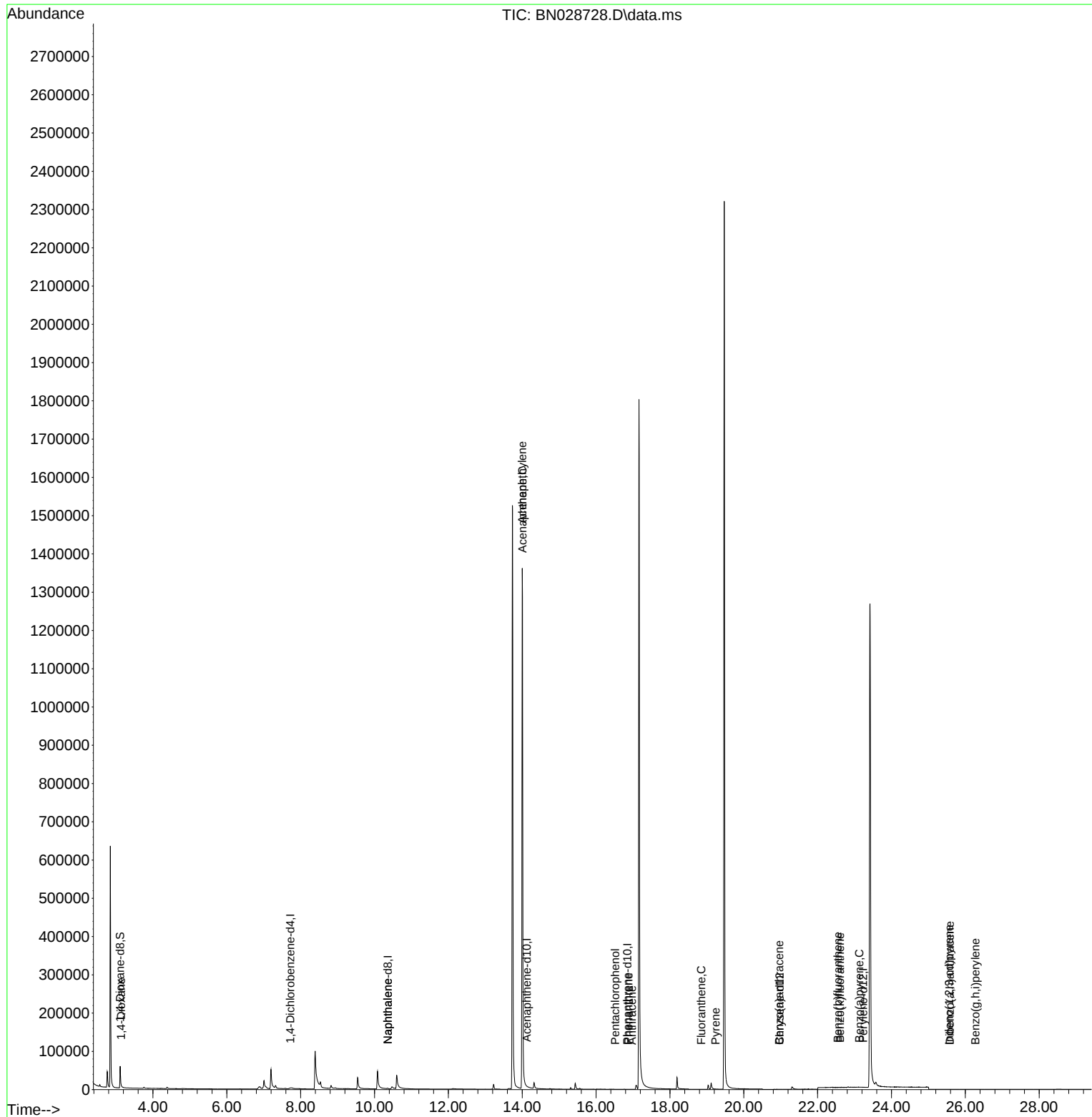
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	2816	0.400	ng/ul	#-0.08
4) Naphthalene-d8	10.358	136	711	0.400	ng/ul	#-0.13
9) Acenaphthene-d10	14.122	164	12	0.400	ng/ul	#-0.20
13) Phenanthrene-d10	16.850	188	2	0.400	ng/ul	#-0.24
17) Chrysene-d12	20.972	240	48	0.400	ng/ul	#-0.32
23) Perylene-d12	23.231	264	4	0.400	ng/ul	#-0.35
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	37103	11.921	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	8	0.007	ng/ul	-0.15
18) Fluoranthene-d10	18.848	212	2	0.013	ng/ul	-0.27
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	207	0.060	ng/ul#	53
5) Naphthalene	10.358	128	149	0.075	ng/ul#	1
10) Acenaphthylene	14.002	152	129	2.154	ng/ul#	1
11) Acenaphthene	14.007	153	1037	23.529	ng/ul#	1
14) Pentachlorophenol	16.516	266	4	8.334	ng/ul#	52
15) Phenanthrene	16.879	178	59	9.602	ng/ul#	1
16) Anthracene	16.972	178	16	2.840	ng/ul#	1
19) Fluoranthene	18.853	202	5	0.024	ng/ul#	1
20) Pyrene	19.234	202	13	0.061	ng/ul#	1
21) Benzo(a)anthracene	20.960	228	6	0.032	ng/ul#	1
24) Benzo(b)fluoranthene	22.547	252	4	0.266	ng/ul#	1
25) Benzo(k)fluoranthene	22.605	252	20	1.272	ng/ul#	1
26) Benzo(a)pyrene	23.131	252	30	2.117	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.559	276	2	0.127	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.579	278	2	0.159	ng/ul#	1
29) Benzo(g,h,i)perylene	26.270	276	2	0.155	ng/ul#	1

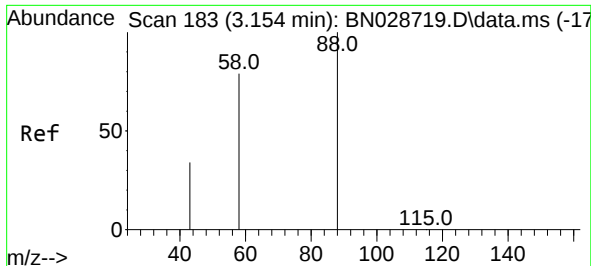
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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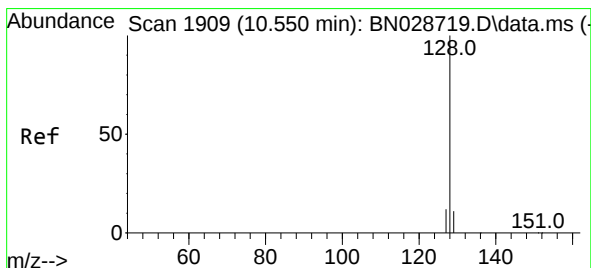
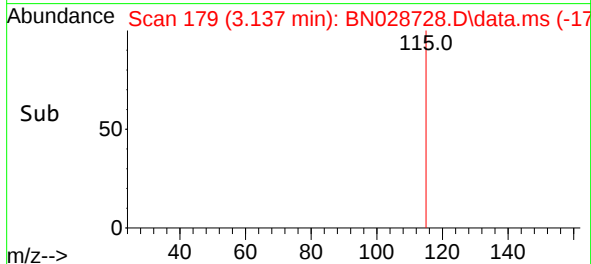
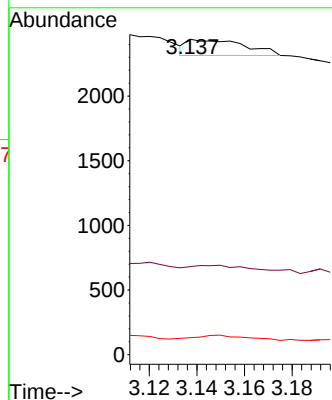
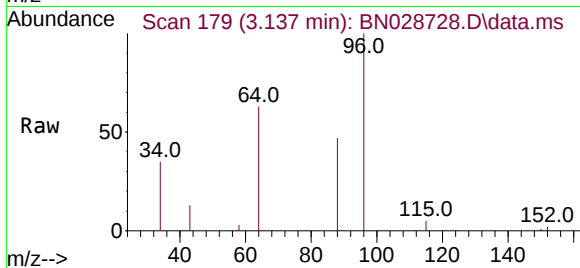




#2
1,4-Dioxane
Concen: 0.060 ng/ul
RT: 3.137 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

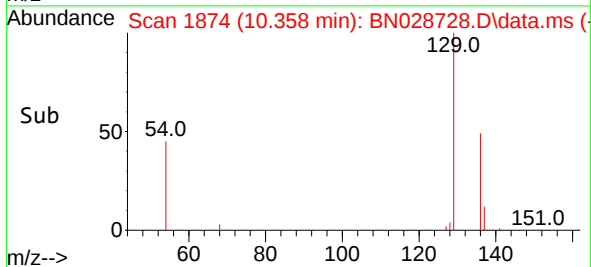
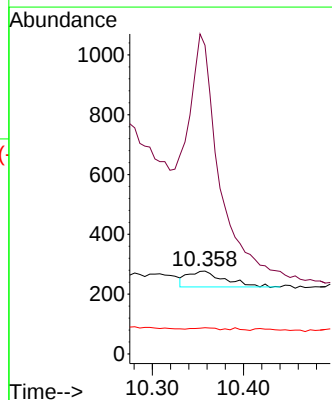
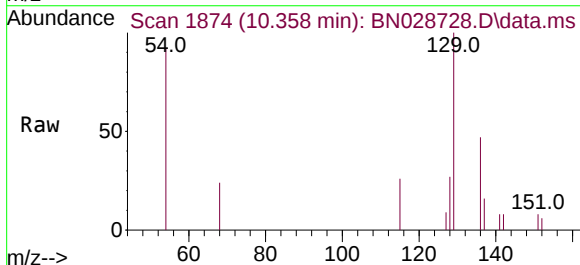
Instrument :
BNA_M
ClientSampleId :

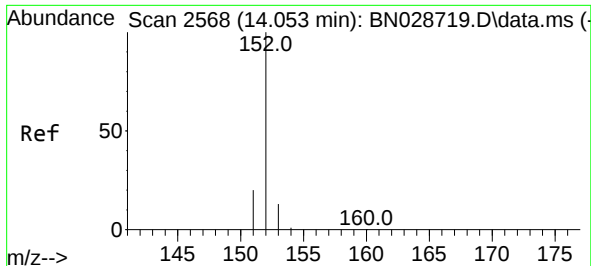
Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 27.9 32.9 49.3#
58 5.4 41.8 62.8#



#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.358 min Scan# 1874
Delta R.T. -0.176 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

Tgt Ion:128 Resp: 149
Ion Ratio Lower Upper
128 100
129 372.6 9.2 13.8#
127 31.8 10.7 16.1#

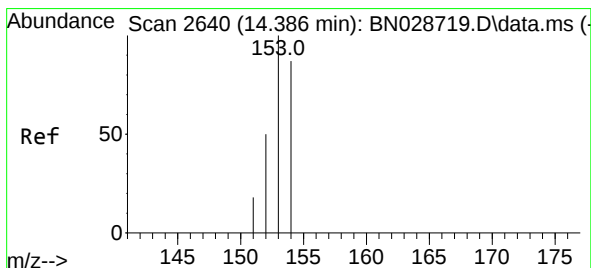
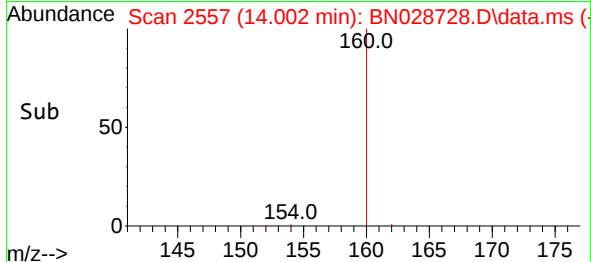
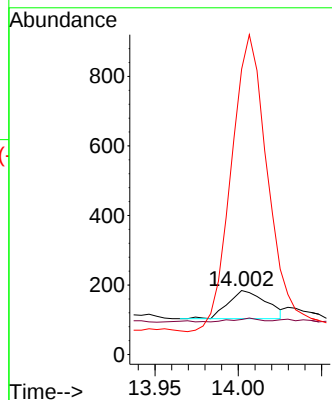
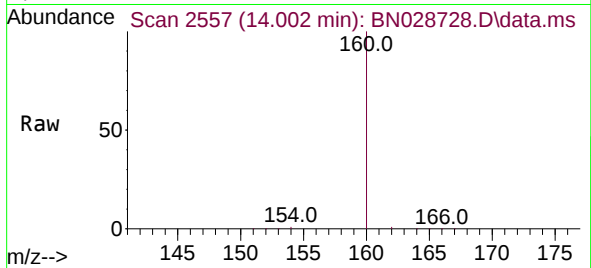




#10
Acenaphthylene
Concen: 2.154 ng/ul
RT: 14.002 min Scan# 21
Delta R.T. -0.050 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

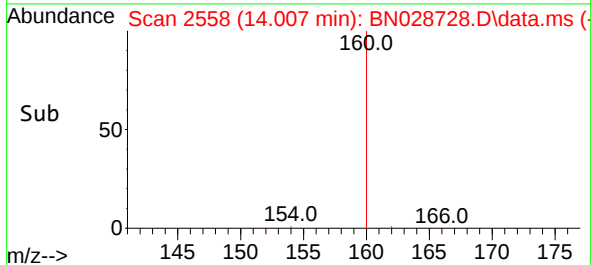
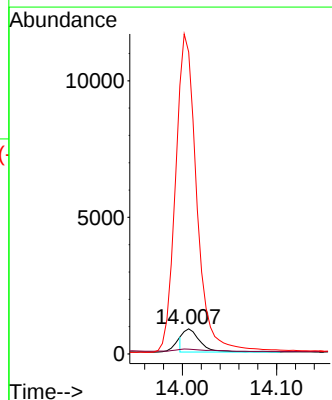
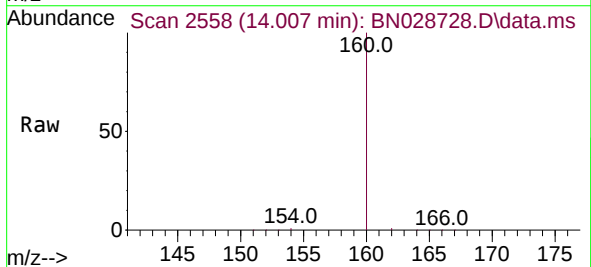
Instrument :
BNA_M
ClientSampleId :

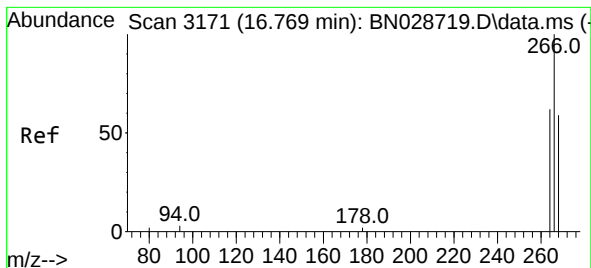
Tgt Ion:152 Resp: 129
Ion Ratio Lower Upper
152 100
151 54.9 16.1 24.1#
153 446.2 10.6 15.8#



#11
Acenaphthene
Concen: 23.529 ng/ul
RT: 14.007 min Scan# 2558
Delta R.T. -0.383 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

Tgt Ion:153 Resp: 1037
Ion Ratio Lower Upper
153 100
152 19.3 39.6 59.4#
154 1201.2 71.0 106.6#





#14

Pentachlorophenol

Concen: 8.334 ng/ul

RT: 16.516 min Scan# 3111

Delta R.T. -0.231 min

Lab File: BN028728.D

Acq: 18 Nov 2023 08:07

Instrument :

BNA_M

ClientSampleId :

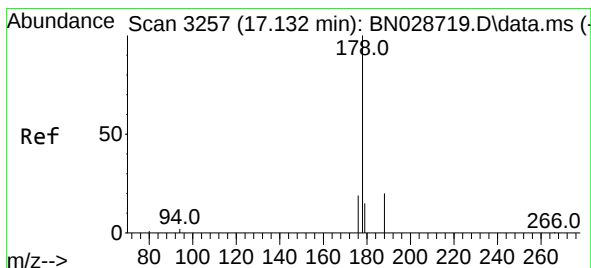
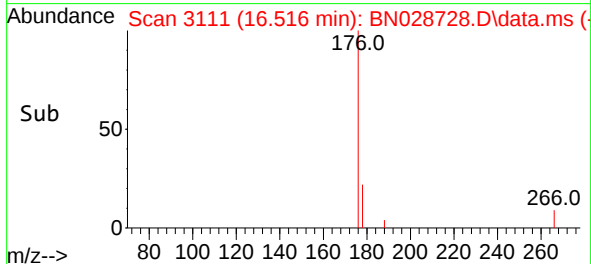
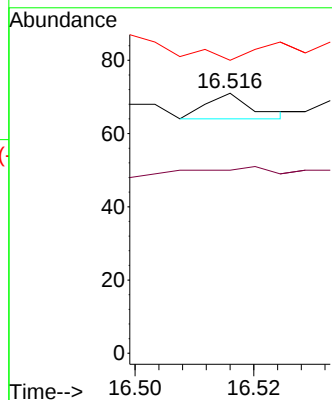
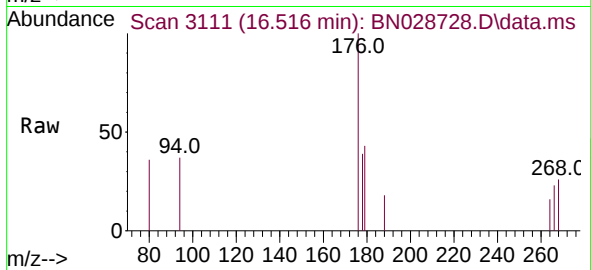
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 125.0 50.1 75.1#

268 75.0 50.6 75.8



#15

Phenanthrene

Concen: 9.602 ng/ul

RT: 16.879 min Scan# 3197

Delta R.T. -0.253 min

Lab File: BN028728.D

Acq: 18 Nov 2023 08:07

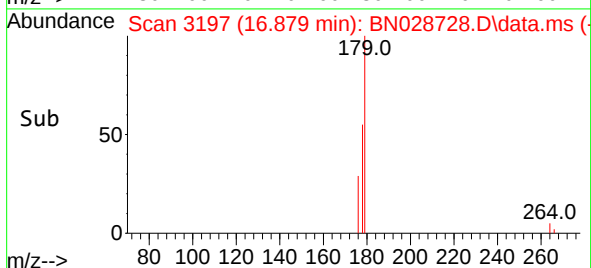
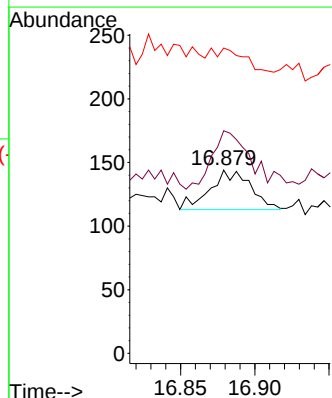
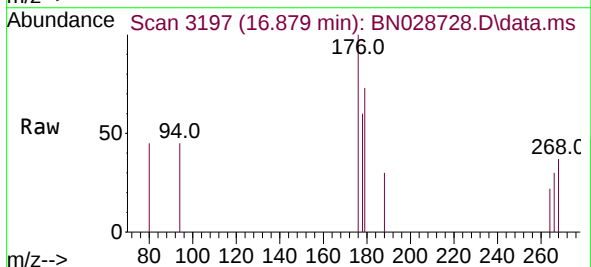
Tgt Ion:178 Resp: 59

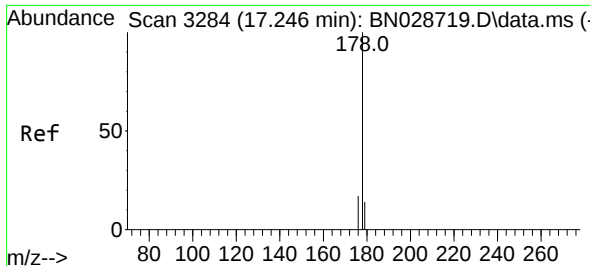
Ion Ratio Lower Upper

178 100

179 121.5 12.4 18.6#

176 166.7 15.4 23.2#

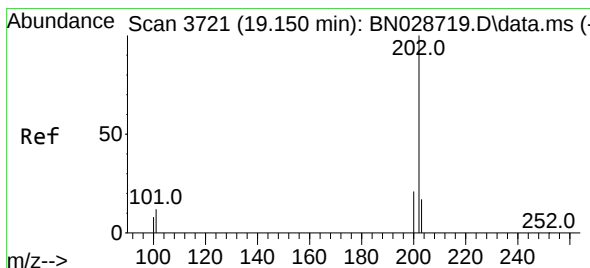
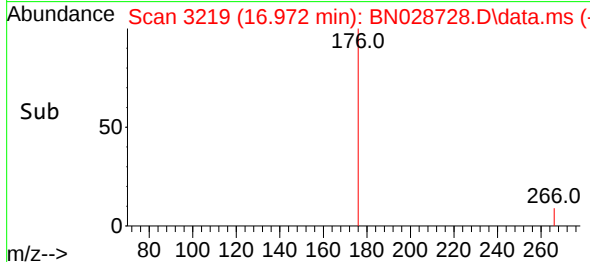
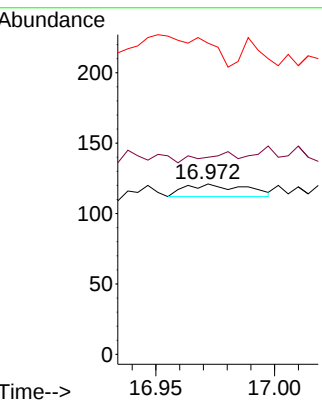
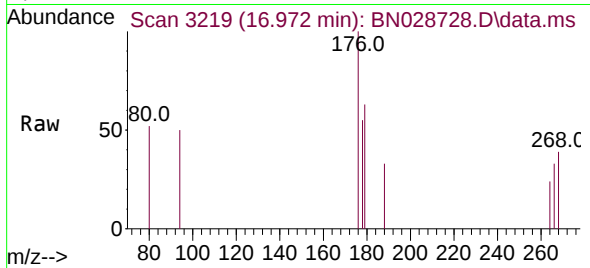




#16
 Anthracene
 Concen: 2.840 ng/ul
 RT: 16.972 min Scan# 31
 Delta R.T. -0.265 min
 Lab File: BN028728.D
 Acq: 18 Nov 2023 08:07

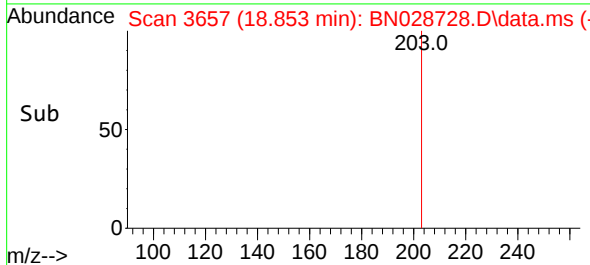
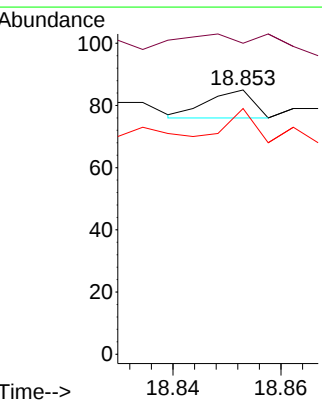
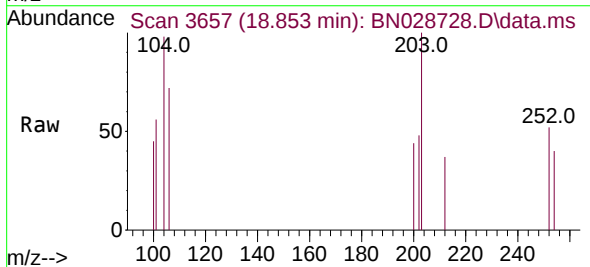
Instrument :
 BNA_M
 ClientSampleId :

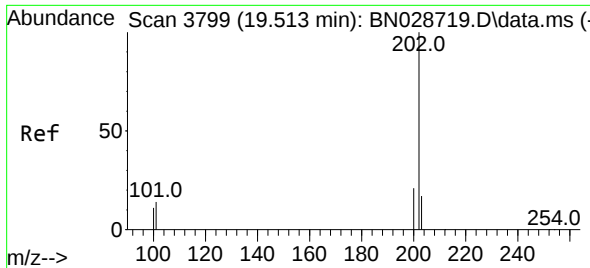
Tgt Ion:178 Resp: 16
 Ion Ratio Lower Upper
 178 100
 179 115.7 12.6 18.8#
 176 182.6 14.9 22.3#



#19
 Fluoranthene
 Concen: 0.024 ng/ul
 RT: 18.853 min Scan# 3657
 Delta R.T. -0.297 min
 Lab File: BN028728.D
 Acq: 18 Nov 2023 08:07

Tgt Ion:202 Resp: 5
 Ion Ratio Lower Upper
 202 100
 101 117.6 9.5 14.3#
 100 92.9 7.2 10.8#

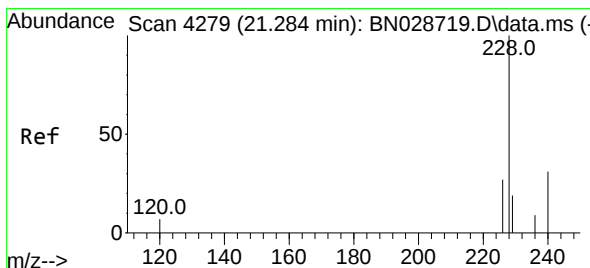
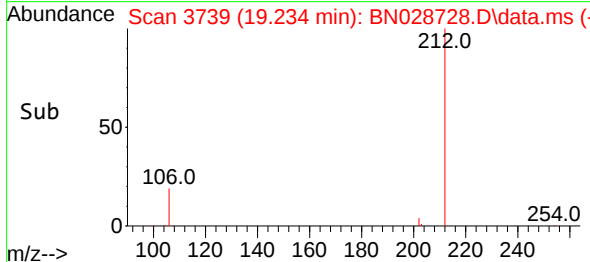
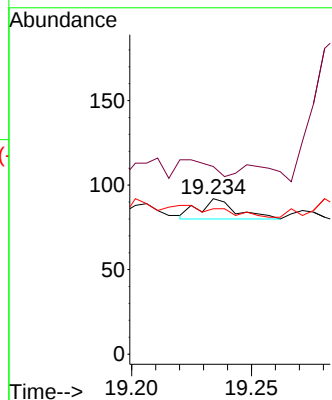
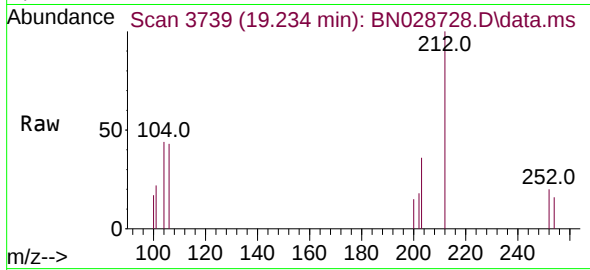




#20
Pyrene
Concen: 0.061 ng/ul
RT: 19.234 min Scan# 31
Delta R.T. -0.278 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

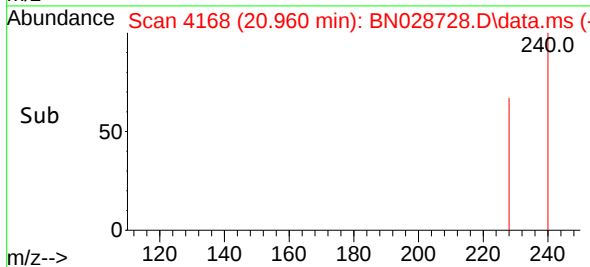
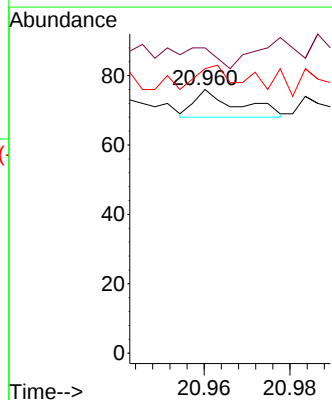
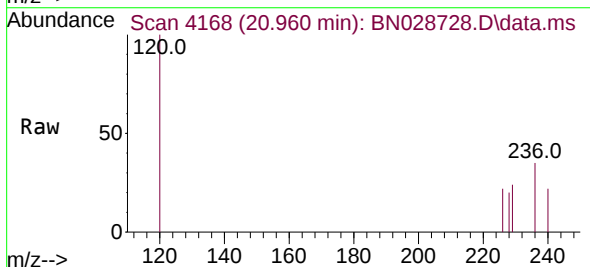
Instrument :
BNA_M
ClientSampleId :

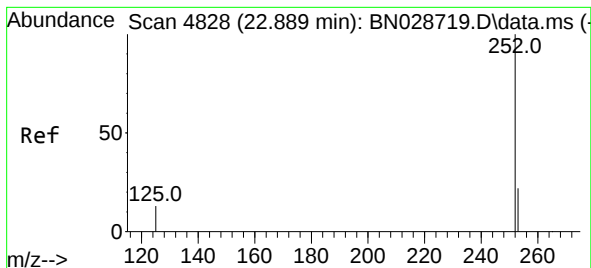
Tgt Ion:202 Resp: 13
Ion Ratio Lower Upper
202 100
101 120.7 10.3 15.5#
100 93.5 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 20.960 min Scan# 4168
Delta R.T. -0.321 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

Tgt Ion:228 Resp: 6
Ion Ratio Lower Upper
228 100
229 115.8 15.7 23.5#
226 107.9 21.4 32.0#





#24

Benzo(b)fluoranthene

Concen: 0.266 ng/ul

RT: 22.547 min Scan# 4731

Delta R.T. -0.341 min

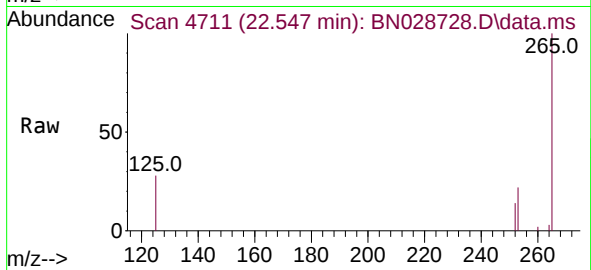
Lab File: BN028728.D

Acq: 18 Nov 2023 08:07

Instrument :

BNA_M

ClientSampleId :



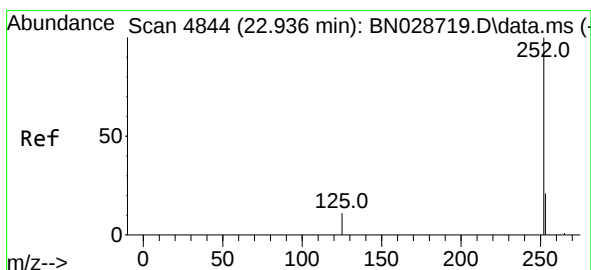
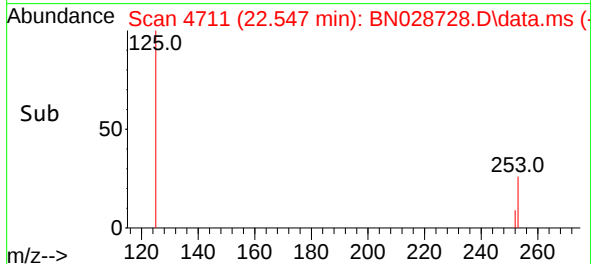
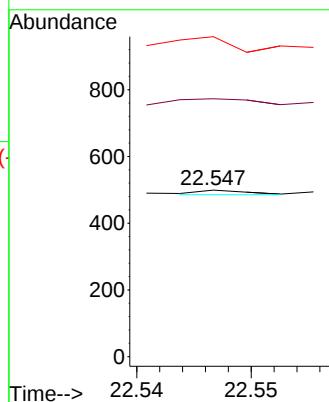
Tgt Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 154.9 0.0 46.6#

125 192.2 0.0 27.6#



#25

Benzo(k)fluoranthene

Concen: 1.272 ng/ul

RT: 22.605 min Scan# 4731

Delta R.T. -0.327 min

Lab File: BN028728.D

Acq: 18 Nov 2023 08:07

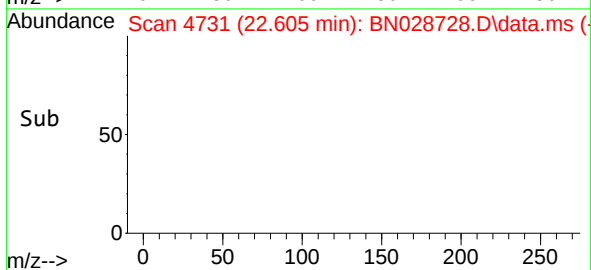
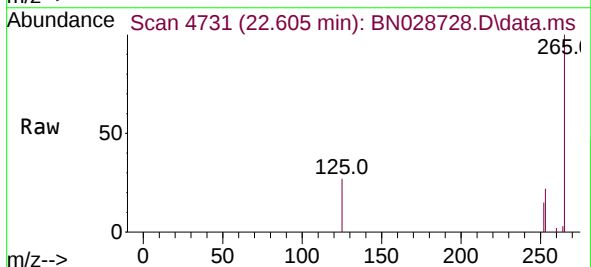
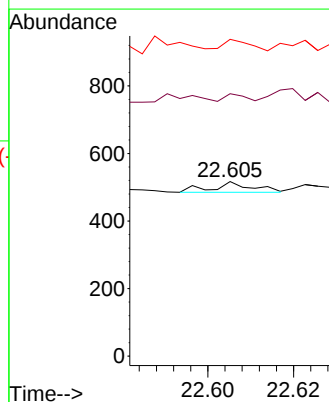
Tgt Ion:252 Resp: 20

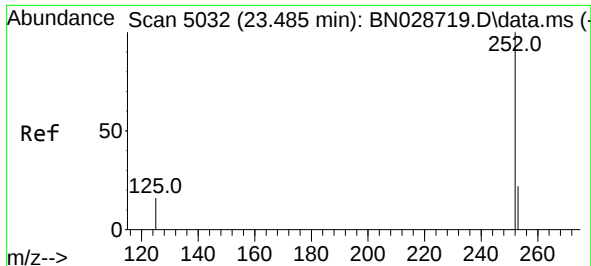
Ion Ratio Lower Upper

252 100

253 150.3 18.6 28.0#

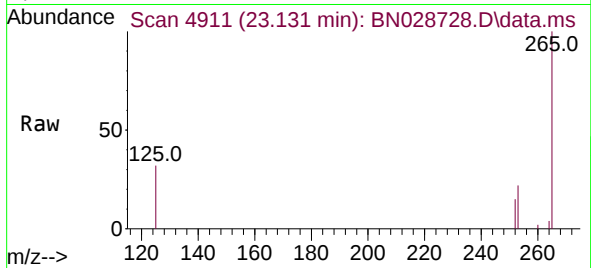
125 181.4 12.7 19.1#



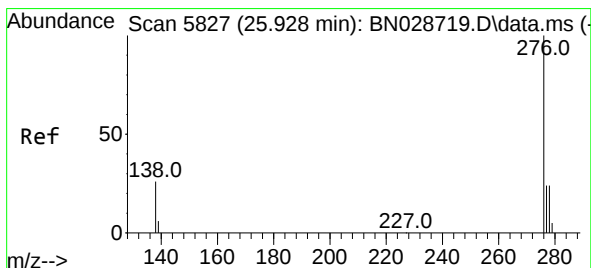
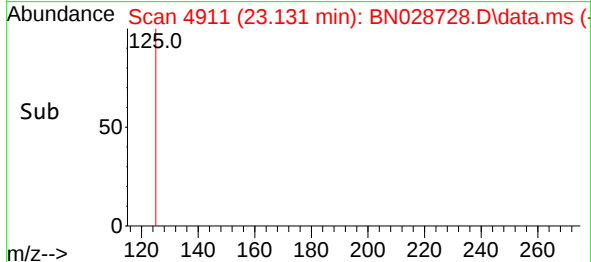
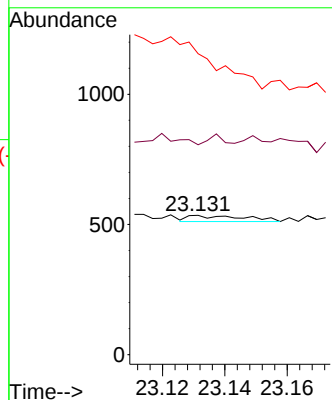


#26
Benzo(a)pyrene
Concen: 2.117 ng/ul
RT: 23.131 min Scan# 4911
Delta R.T. -0.350 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

Instrument :
BNA_M
ClientSampleId :

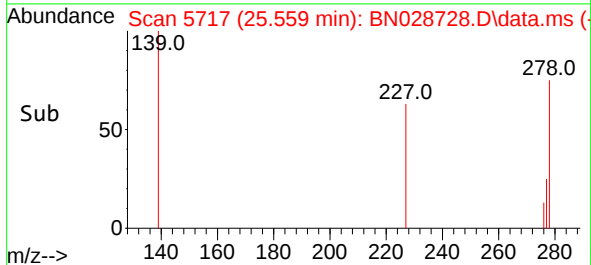
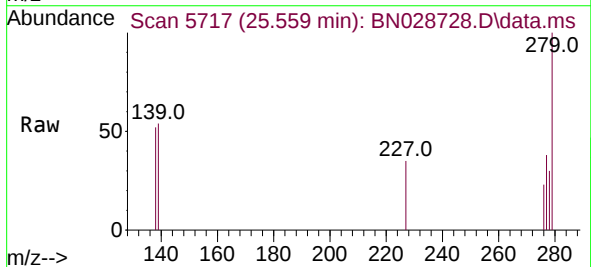
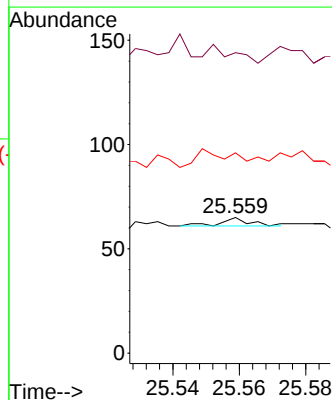


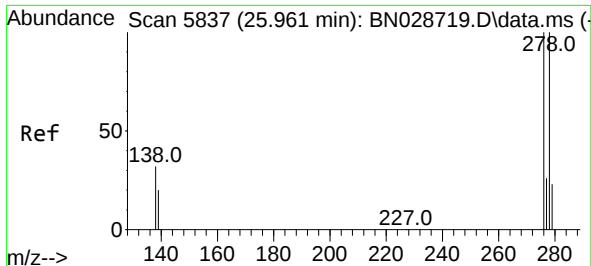
Tgt Ion:252 Resp: 30
Ion Ratio Lower Upper
252 100
253 150.7 19.0 28.6#
125 216.1 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 25.559 min Scan# 5717
Delta R.T. -0.372 min
Lab File: BN028728.D
Acq: 18 Nov 2023 08:07

Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 200.0 23.8 35.6#
227 450.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.159 ng/ul

RT: 25.579 min Scan# 51

Delta R.T. -0.378 min

Lab File: BN028728.D

Acq: 18 Nov 2023 08:07

Instrument :

BNA_M

ClientSampleId :

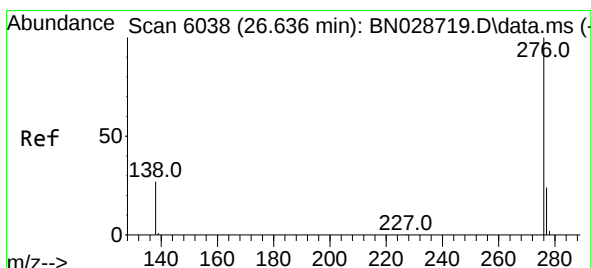
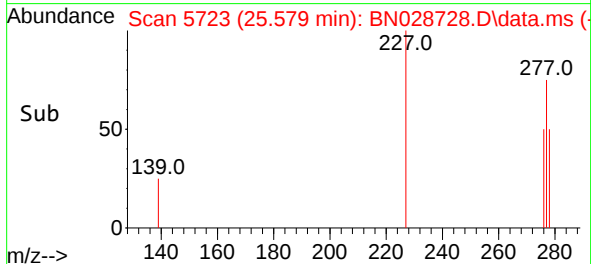
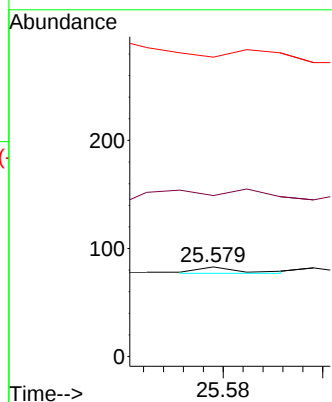
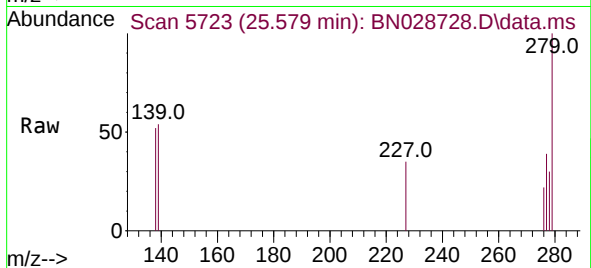
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 179.5 18.2 27.4#

279 333.7 20.7 31.1#



#29

Benzo(g,h,i)perylene

Concen: 0.155 ng/ul

RT: 26.270 min Scan# 5929

Delta R.T. -0.372 min

Lab File: BN028728.D

Acq: 18 Nov 2023 08:07

Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 201.4 20.5 30.7#

277 145.8 19.4 29.0#

