

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:00:37 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)

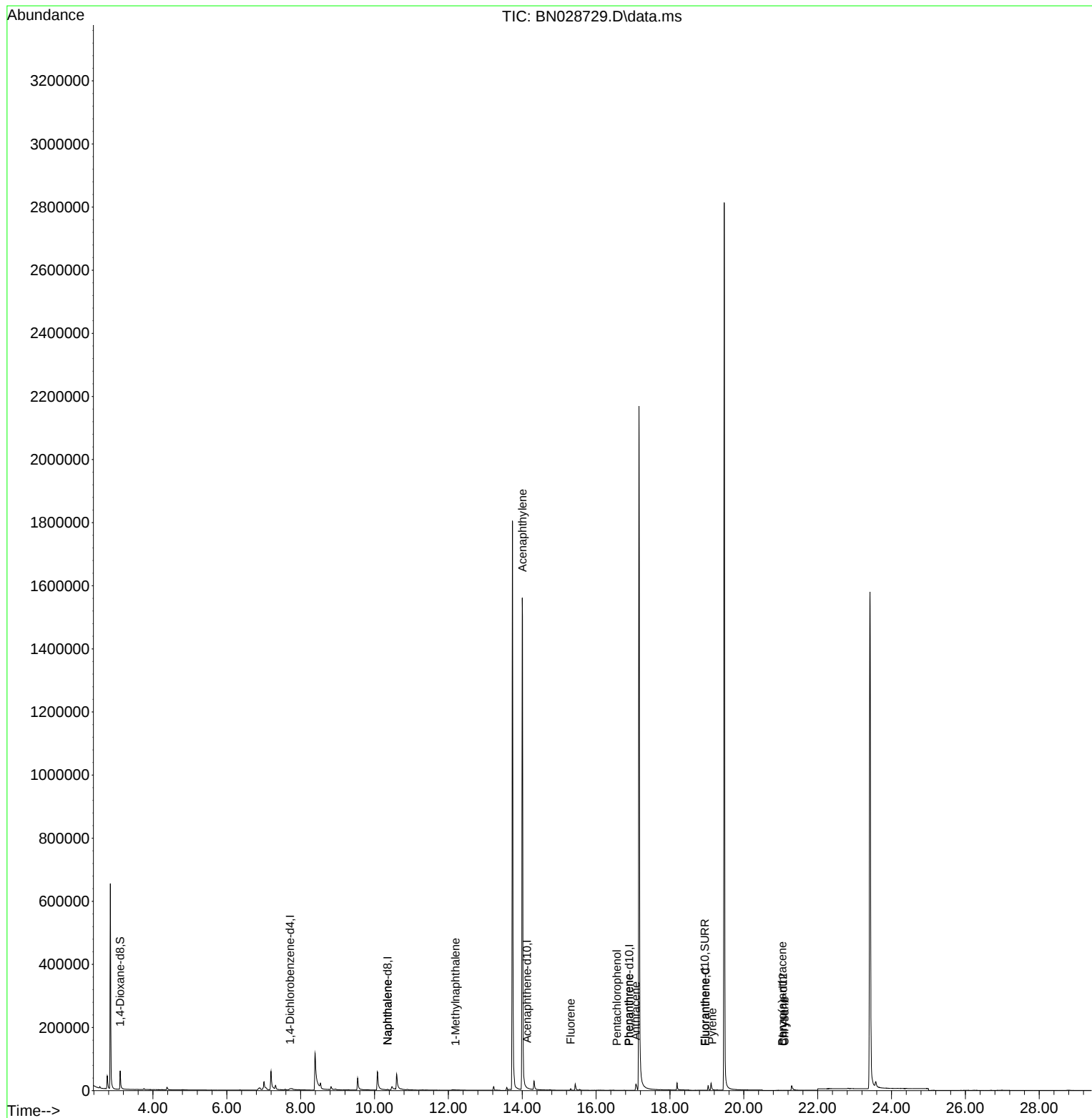
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	5128	0.400	ng/ul	#-0.08
4) Naphthalene-d8	10.352	136	882	0.400	ng/ul	#-0.14
9) Acenaphthene-d10	14.131	164	3	0.400	ng/ul	#-0.19
13) Phenanthrene-d10	16.895	188	56	0.400	ng/ul	#-0.19
17) Chrysene-d12	21.059	240	4	0.400	ng/ul	#-0.24
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.58
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	38487	6.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	6	0.005	ng/ul	-0.16
18) Fluoranthene-d10	18.945	212	40	3.107	ng/ul	-0.18
Target Compounds						
					Qvalue	
5) Naphthalene	10.352	128	180	0.073	ng/ul#	1
8) 1-Methylnaphthalene	12.195	142	425	0.257	ng/ul#	3
10) Acenaphthylene	14.006	152	152	10.152	ng/ul#	1
12) Fluorene	15.311	166	3355	261.711	ng/ul#	14
14) Pentachlorophenol	16.566	266	7	0.521	ng/ul#	46
15) Phenanthrene	16.883	178	68	0.395	ng/ul#	1
16) Anthracene	17.073	178	44	0.279	ng/ul#	1
19) Fluoranthene	18.964	202	4	0.235	ng/ul#	1
20) Pyrene	19.145	202	197	11.173	ng/ul#	1
21) Benzo(a)anthracene	21.044	228	8	0.506	ng/ul#	1
22) Chrysene	21.103	228	6	0.388	ng/ul#	1

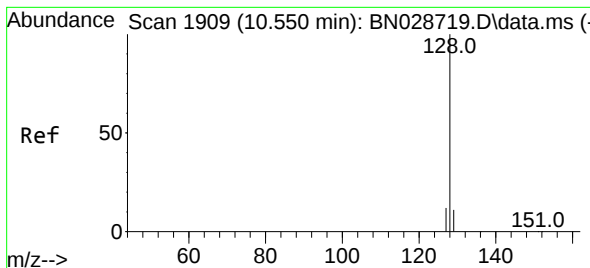
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.073 ng/ul

RT: 10.352 min Scan# 11

Delta R.T. -0.181 min

Lab File: BN028729.D

Acq: 18 Nov 2023 08:42

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ClientSampleId :

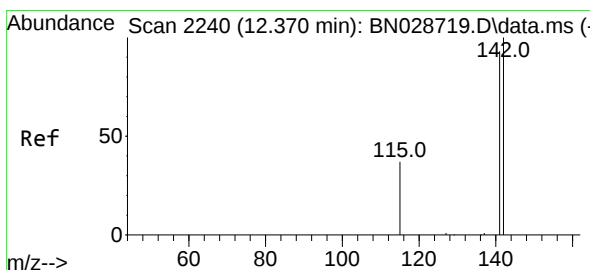
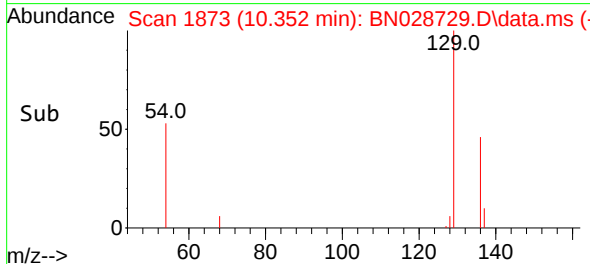
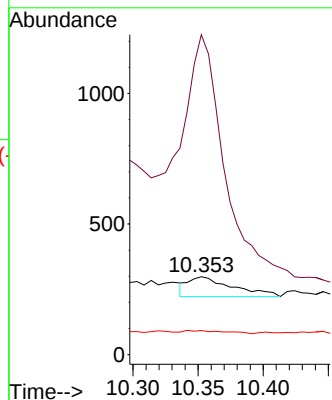
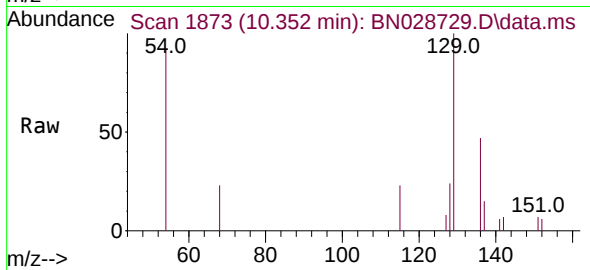
Tgt Ion:128 Resp: 180

Ion Ratio Lower Upper

128 100

129 411.1 9.2 13.8#

127 30.9 10.7 16.1#



#8

1-Methylnaphthalene

Concen: 0.257 ng/ul

RT: 12.195 min Scan# 2208

Delta R.T. -0.170 min

Lab File: BN028729.D

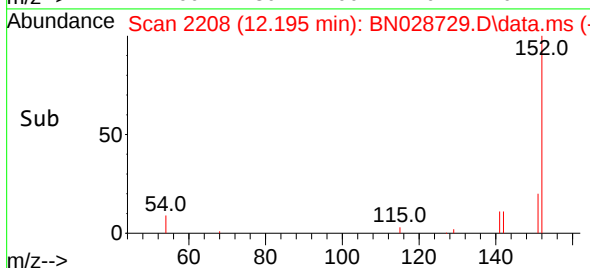
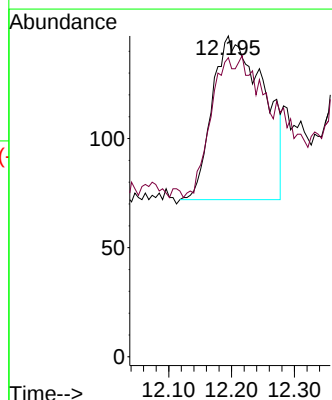
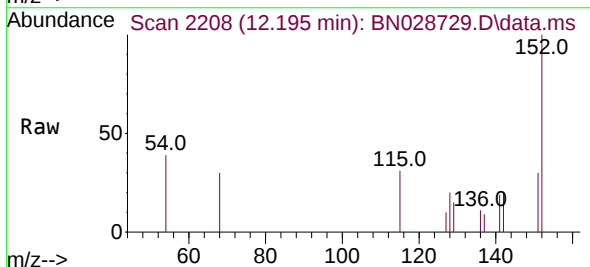
Acq: 18 Nov 2023 08:42

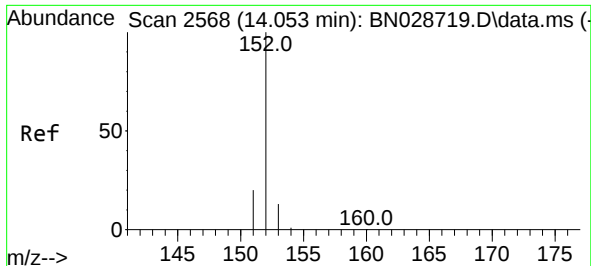
Tgt Ion:142 Resp: 425

Ion Ratio Lower Upper

142 100

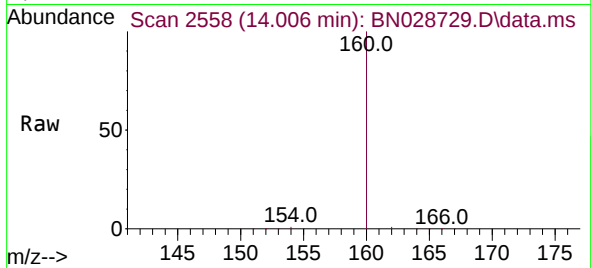
141 0.0 74.1 111.1#



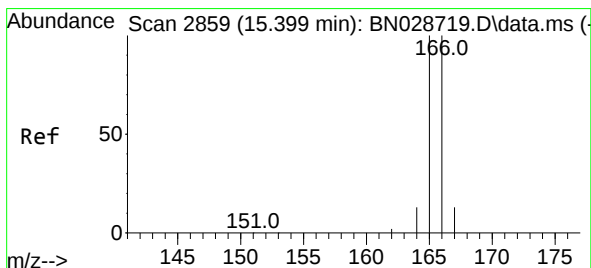
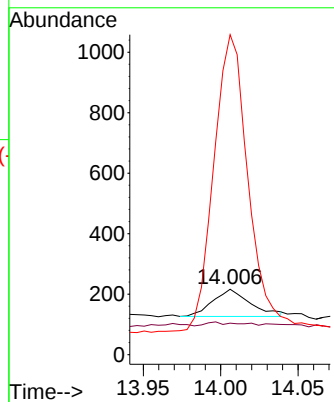
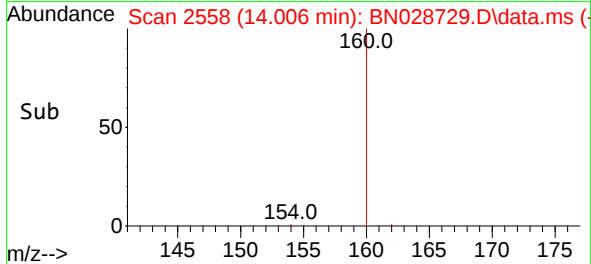


#10
Acenaphthylene
Concen: 10.152 ng/ul
RT: 14.006 min Scan# 2558
Delta R.T. -0.046 min
Lab File: BN028729.D
Acq: 18 Nov 2023 08:42

Instrument :
BNA_M
ClientSampleId :

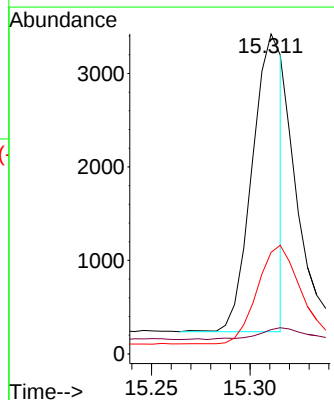
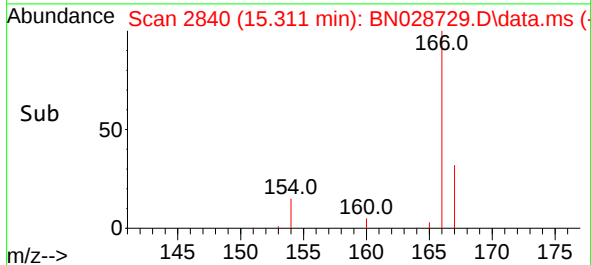
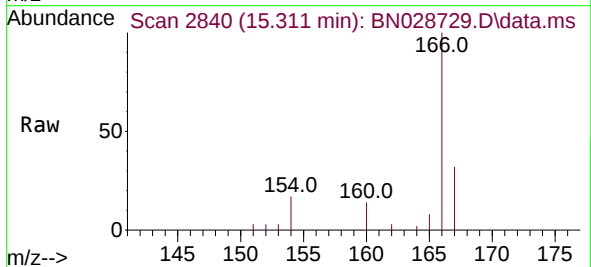


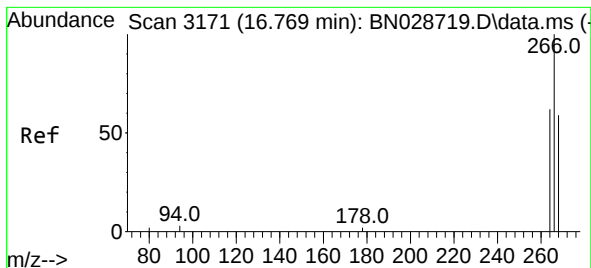
Tgt Ion:152 Resp: 152
Ion Ratio Lower Upper
152 100
151 48.1 16.1 24.1#
153 489.8 10.6 15.8#



#12
Fluorene
Concen: 261.711 ng/ul
RT: 15.311 min Scan# 2840
Delta R.T. -0.083 min
Lab File: BN028729.D
Acq: 18 Nov 2023 08:42

Tgt Ion:166 Resp: 3355
Ion Ratio Lower Upper
166 100
165 7.6 78.6 118.0#
167 31.8 11.0 16.6#





#14

Pentachlorophenol

Concen: 0.521 ng/ul

RT: 16.566 min Scan# 3171

Delta R.T. -0.181 min

Lab File: BN028729.D

Acq: 18 Nov 2023 08:42

Instrument :

BNA_M

ClientSampleId :

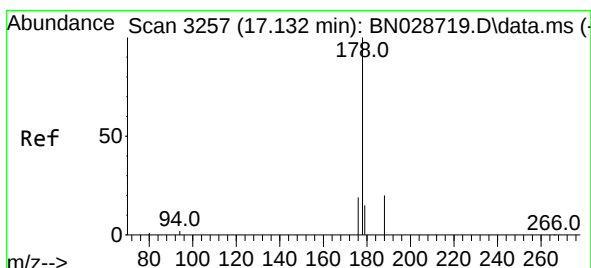
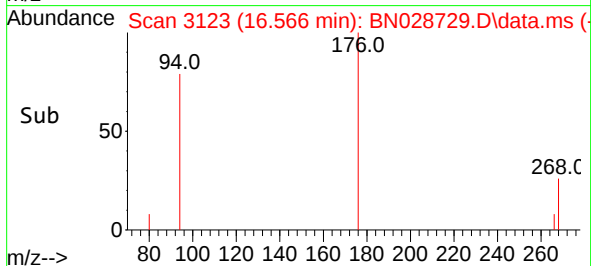
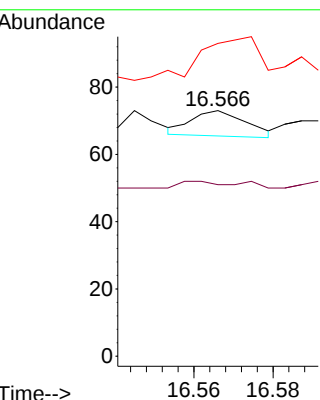
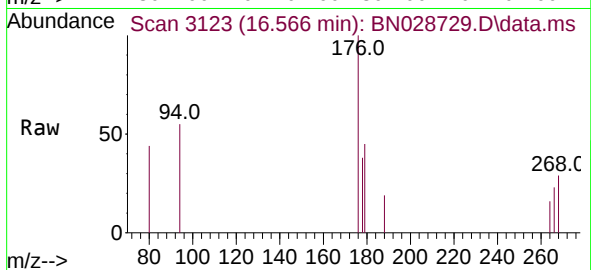
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 42.9 50.1 75.1#

268 0.0 50.6 75.8#



#15

Phenanthrene

Concen: 0.395 ng/ul

RT: 16.883 min Scan# 3198

Delta R.T. -0.249 min

Lab File: BN028729.D

Acq: 18 Nov 2023 08:42

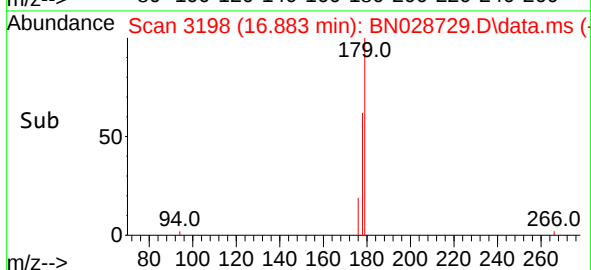
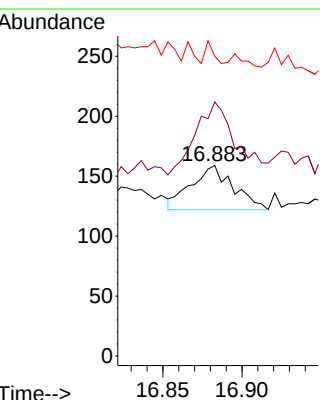
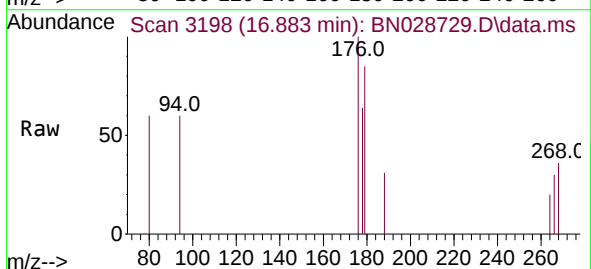
Tgt Ion:178 Resp: 68

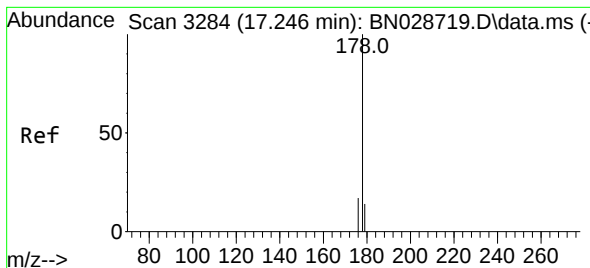
Ion Ratio Lower Upper

178 100

179 133.3 12.4 18.6#

176 157.2 15.4 23.2#





#16

Anthracene

Concen: 0.279 ng/ul

RT: 17.073 min Scan# 31

Delta R.T. -0.164 min

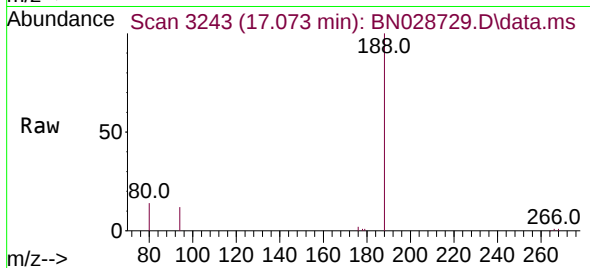
Lab File: BN028729.D

Acq: 18 Nov 2023 08:42

Instrument :

BNA_M

ClientSampleId :



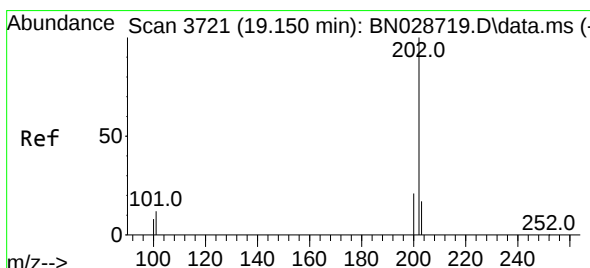
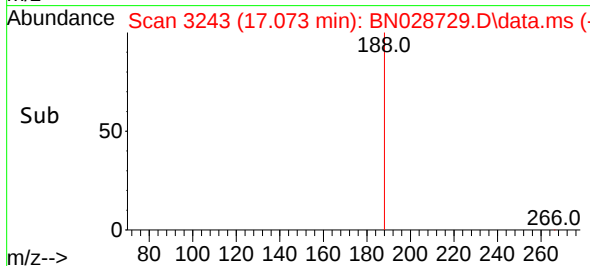
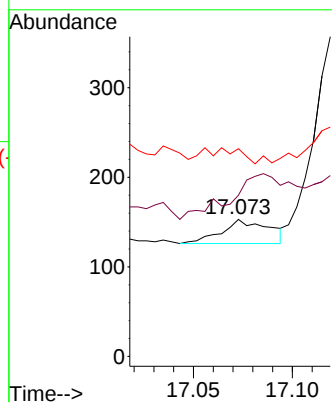
Tgt Ion:178 Resp: 44

Ion Ratio Lower Upper

178 100

179 117.6 12.6 18.8#

176 151.6 14.9 22.3#



#19

Fluoranthene

Concen: 0.235 ng/ul

RT: 18.964 min Scan# 3681

Delta R.T. -0.186 min

Lab File: BN028729.D

Acq: 18 Nov 2023 08:42

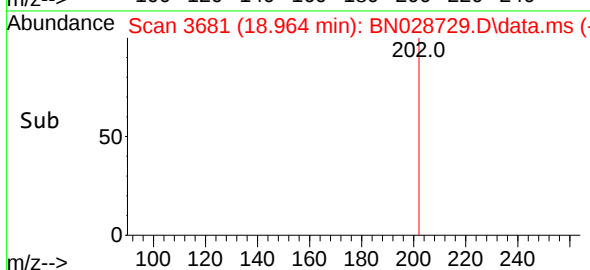
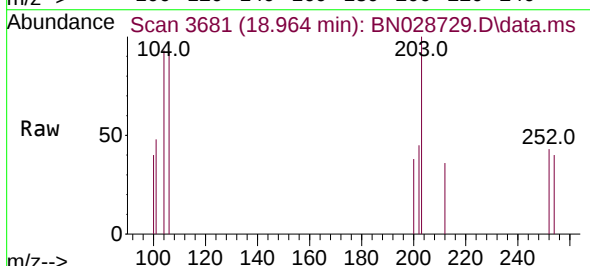
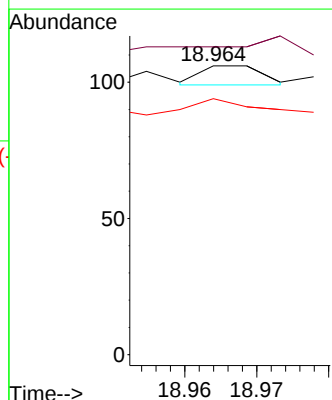
Tgt Ion:202 Resp: 4

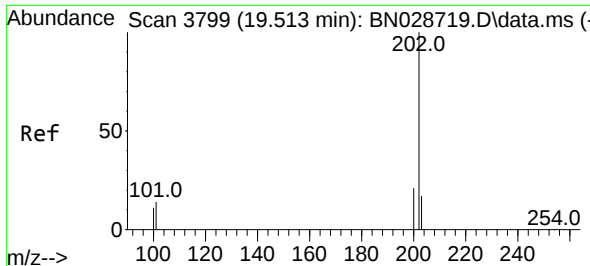
Ion Ratio Lower Upper

202 100

101 106.6 9.5 14.3#

100 88.7 7.2 10.8#

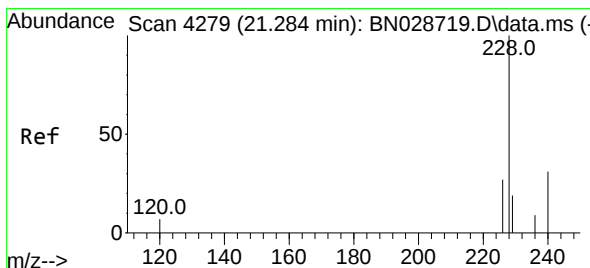
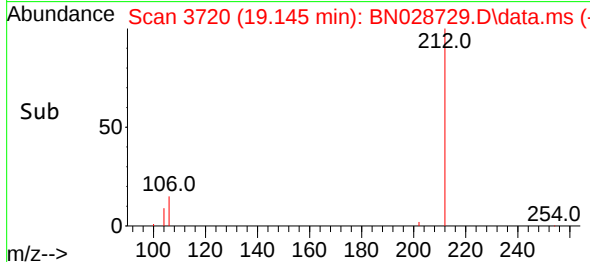
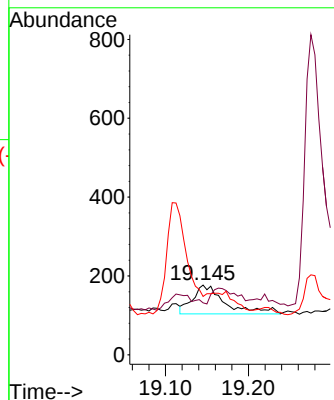
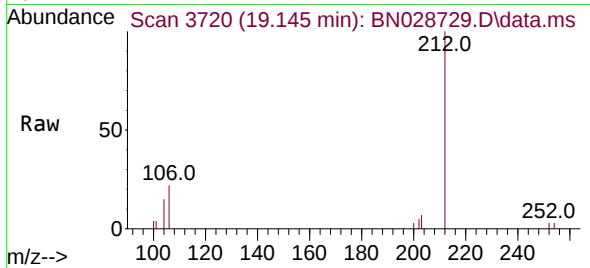




#20
Pyrene
Concen: 11.173 ng/ul
RT: 19.145 min Scan# 31
Delta R.T. -0.367 min
Lab File: BN028729.D
Acq: 18 Nov 2023 08:42

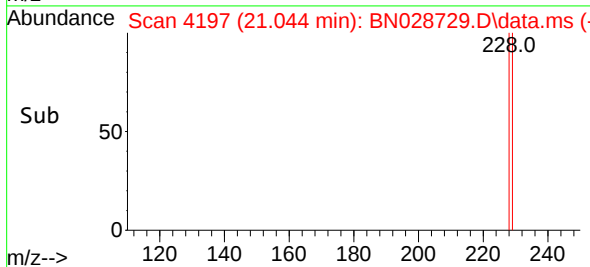
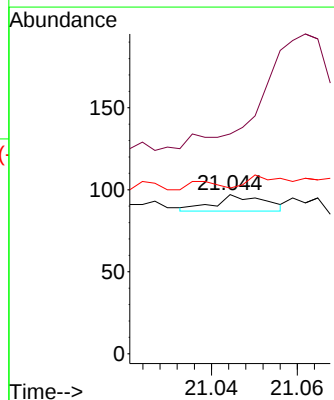
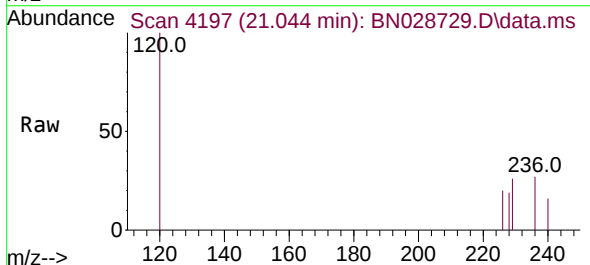
Instrument :
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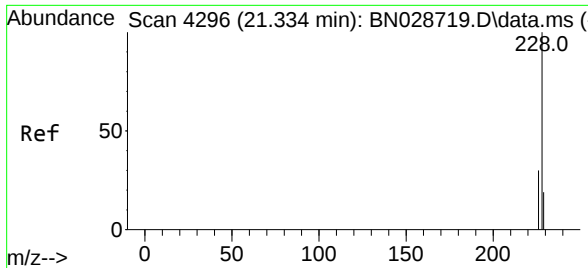
Tgt Ion:202 Resp: 197
Ion Ratio Lower Upper
202 100
101 74.6 10.3 15.5#
100 83.6 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.506 ng/ul
RT: 21.044 min Scan# 4197
Delta R.T. -0.236 min
Lab File: BN028729.D
Acq: 18 Nov 2023 08:42

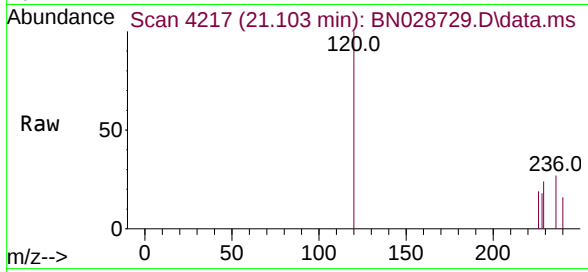
Tgt Ion:228 Resp: 8
Ion Ratio Lower Upper
228 100
229 138.1 15.7 23.5#
226 104.1 21.4 32.0#





#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.103 min Scan# 41
Delta R.T. -0.231 min
Lab File: BN028729.D
Acq: 18 Nov 2023 08:42

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:228 Resp: 6
Ion Ratio Lower Upper
228 100
226 105.2 23.8 35.8#
229 131.3 15.4 23.2#

