

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027503.D
 Acq On : 09 Sep 2023 15:58
 Operator : MA/JU
 Sample : 04427-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH9X5

Quant Time: Sep 10 00:11:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

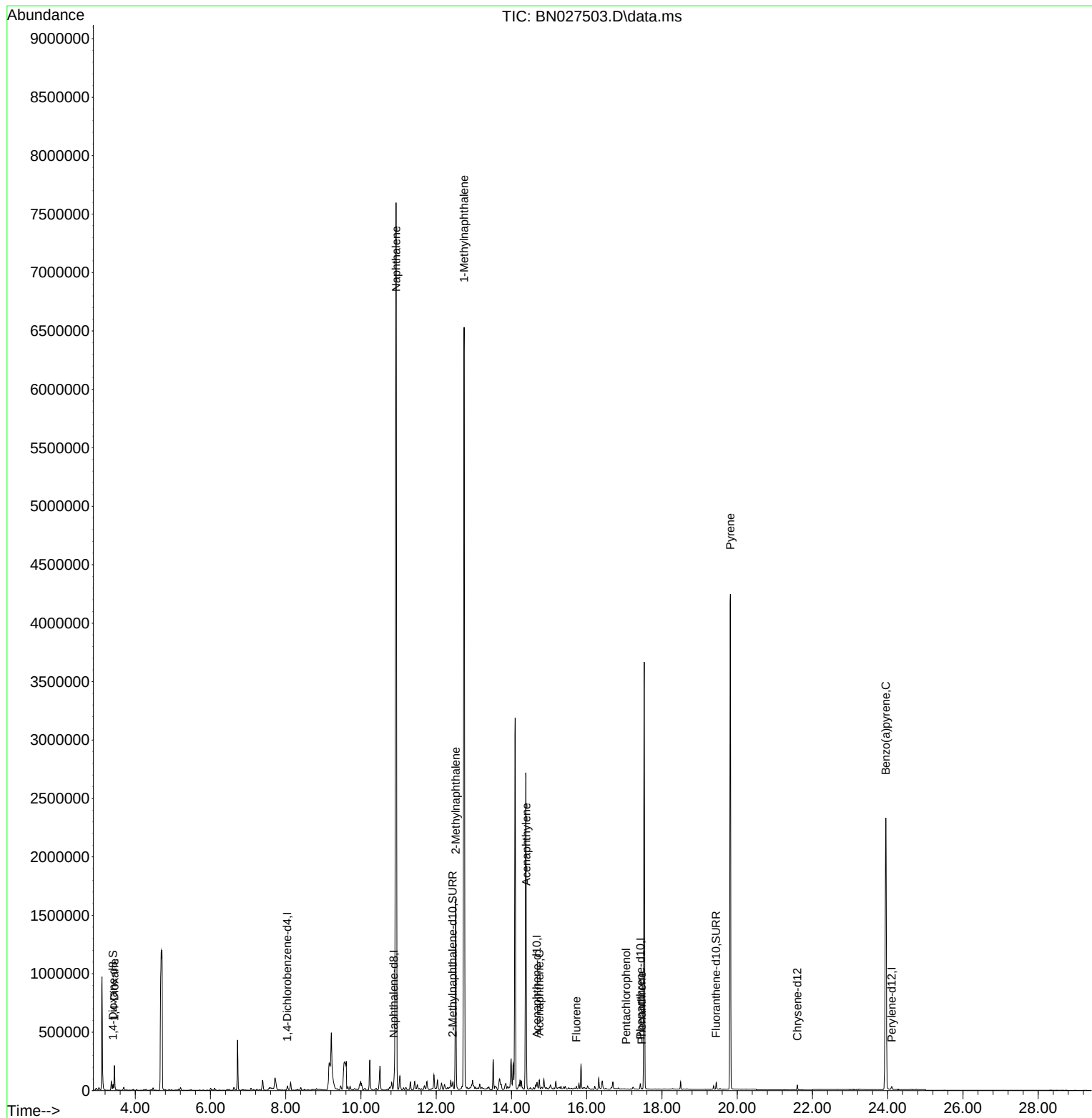
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	11912	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.872	136	41522	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.675	164	38115	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.426	188	56688	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	39004	0.400	ng/ul	0.00
23) Perylene-d12	24.106	264	35541	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	34366	2.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	24875	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	63423	0.475	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	151885	9.473	ng/ul#	83
5) Naphthalene	10.933	128	11862605	98.489	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	1134598	15.059	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	4803147	59.825	ng/ul	99
10) Acenaphthylene	14.393	152	39636	0.227	ng/ul#	1
11) Acenaphthene	14.740	153	44637	0.297	ng/ul	98
12) Fluorene	15.725	166	12234	0.073	ng/ul#	94
14) Pentachlorophenol	17.050	266	241	0.022	ng/ul#	65
15) Phenanthrene	17.464	178	5464	0.030	ng/ul#	32
20) Pyrene	19.817	202	9685	0.053	ng/ul#	1
26) Benzo(a)pyrene	23.948	252	13050	0.100	ng/ul#	62

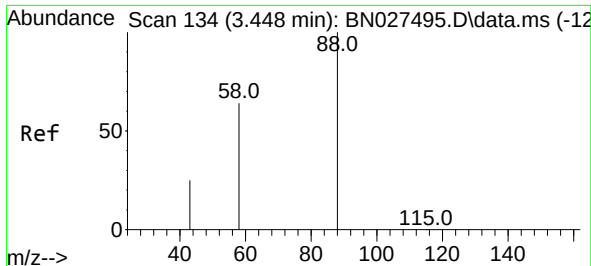
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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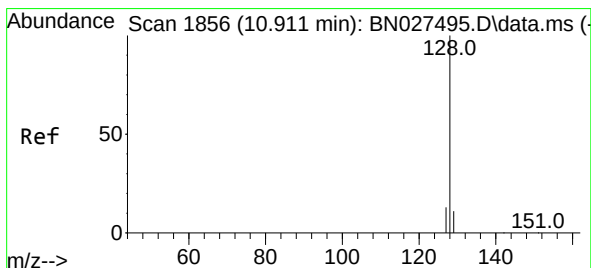
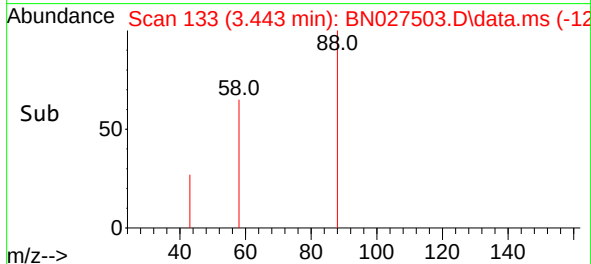
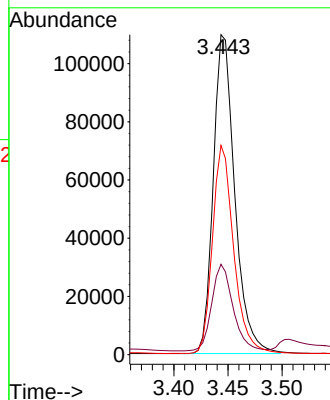
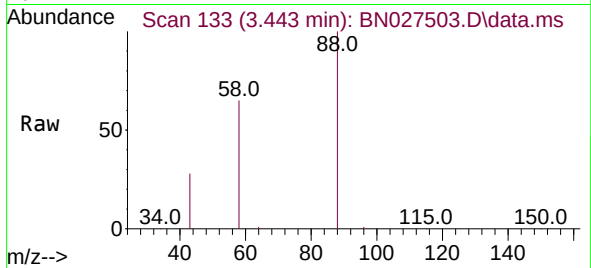




#2
1,4-Dioxane
Concen: 9.473 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

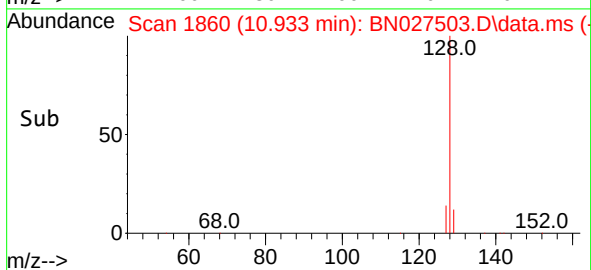
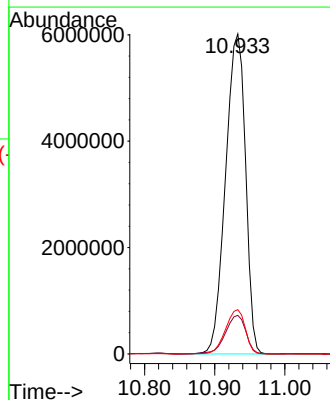
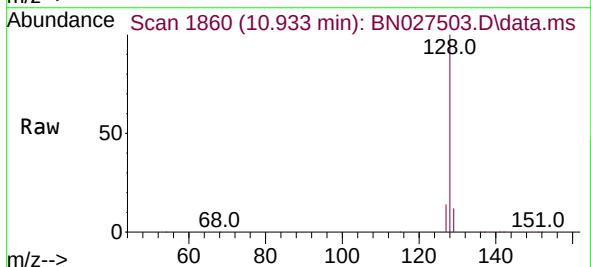
Instrument :
BNA_N
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BH9X5

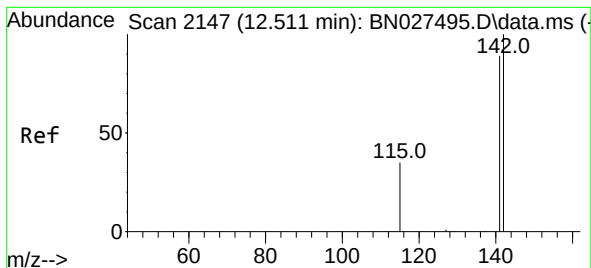
Tgt Ion: 88 Resp: 151885
Ion Ratio Lower Upper
88 100
43 28.3 26.8 40.2
58 65.4 39.9 59.9#



#5
Naphthalene
Concen: 98.489 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. 0.011 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

Tgt Ion:128 Resp:11862605
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.8 10.6 16.0





#7

2-Methylnaphthalene

Concen: 15.059 ng/ul

RT: 12.517 min Scan# 2147

Delta R.T. -0.006 min

Lab File: BN027503.D

Acq: 09 Sep 2023 15:58

Instrument :

BNA_N

ClientSampleId :

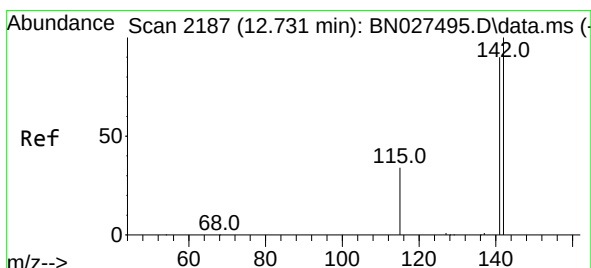
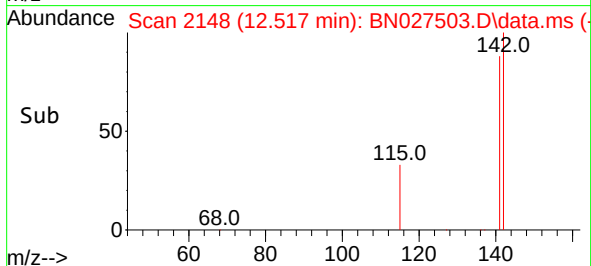
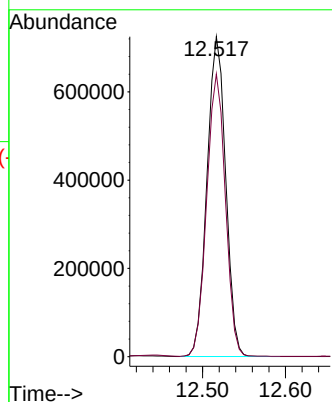
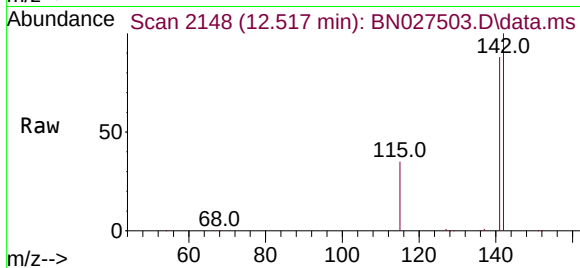
BH9X5

Tgt Ion:142 Resp: 1134598

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#8

1-Methylnaphthalene

Concen: 59.825 ng/ul

RT: 12.742 min Scan# 2189

Delta R.T. 0.005 min

Lab File: BN027503.D

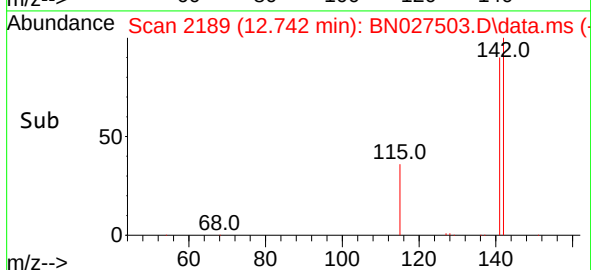
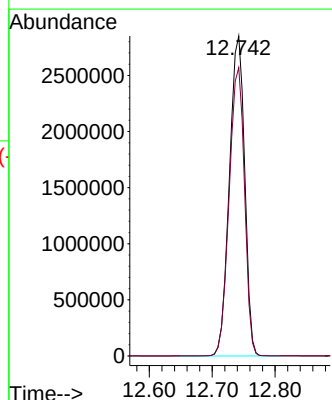
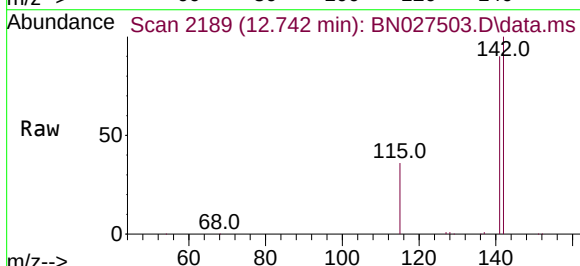
Acq: 09 Sep 2023 15:58

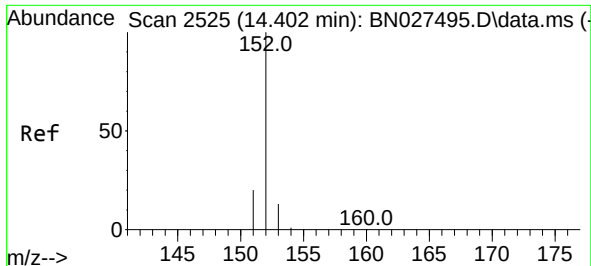
Tgt Ion:142 Resp: 4803147

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.4

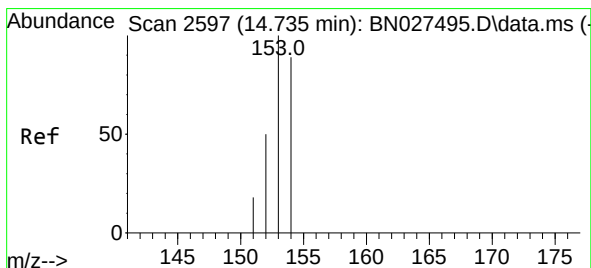
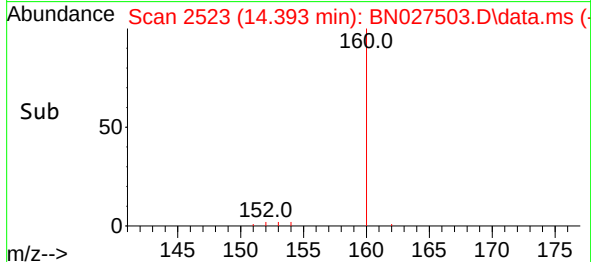
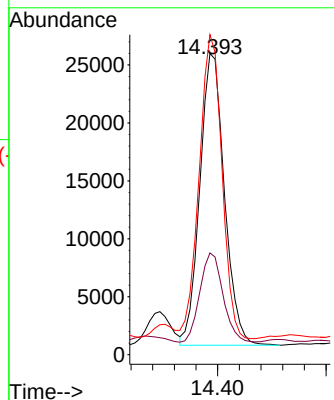
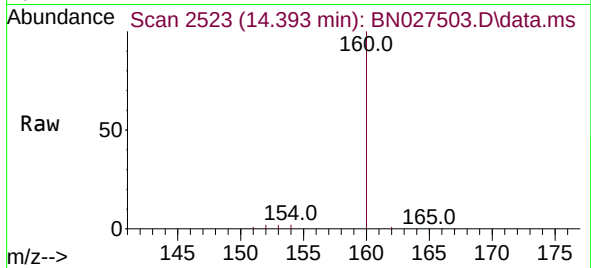




#10
Acenaphthylene
Concen: 0.227 ng/ul
RT: 14.393 min Scan# 2523
Delta R.T. -0.014 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

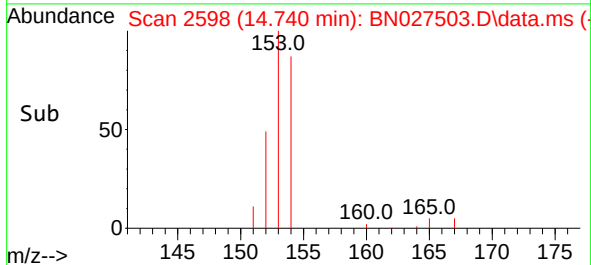
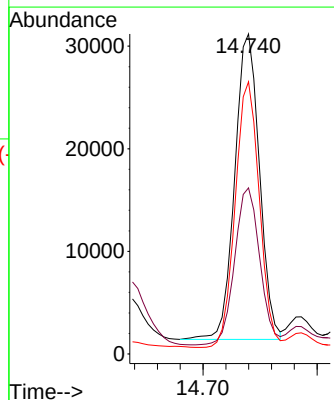
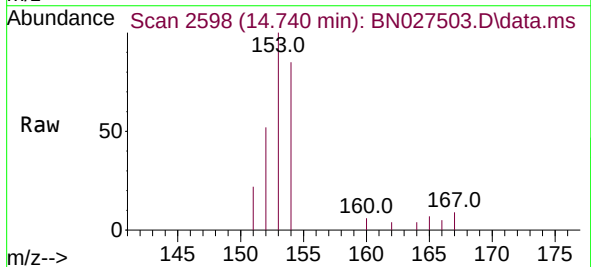
Instrument :
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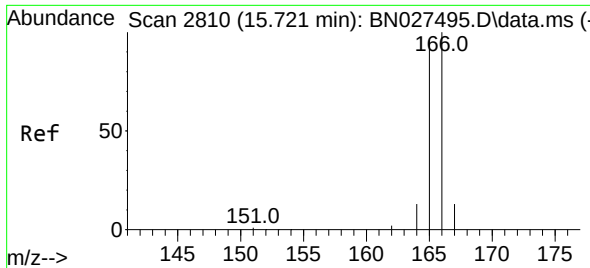
Tgt Ion:152 Resp: 39636
Ion Ratio Lower Upper
152 100
151 33.8 16.3 24.5#
153 106.2 11.1 16.7#



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

Tgt Ion:153 Resp: 44637
Ion Ratio Lower Upper
153 100
152 51.9 42.9 64.3
154 85.1 69.4 104.0

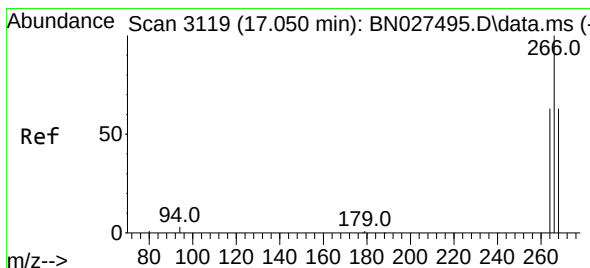
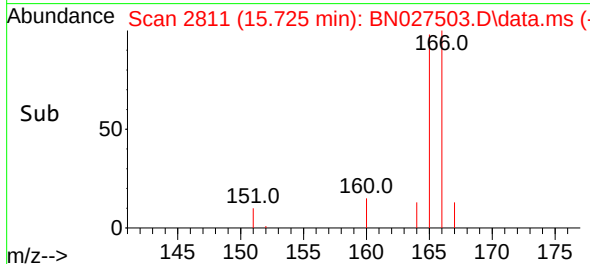
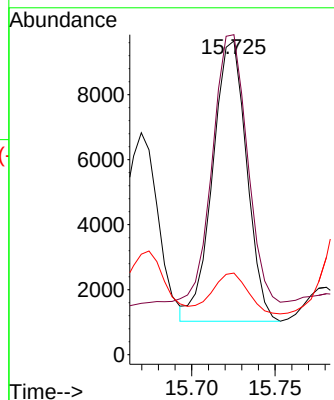
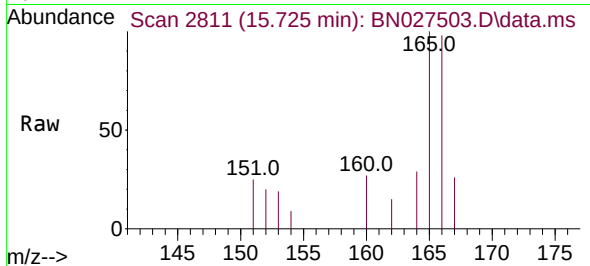




#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

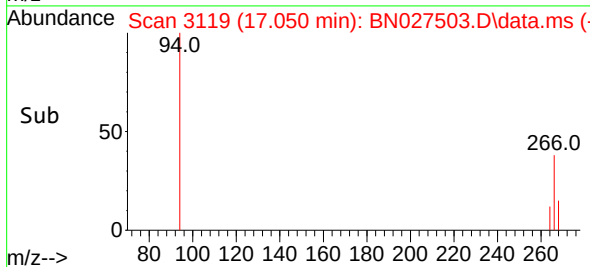
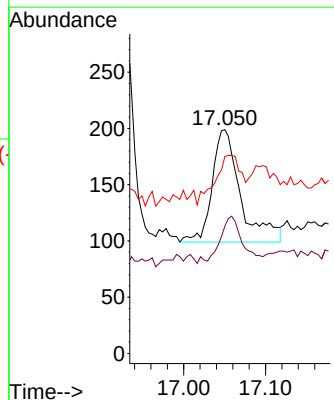
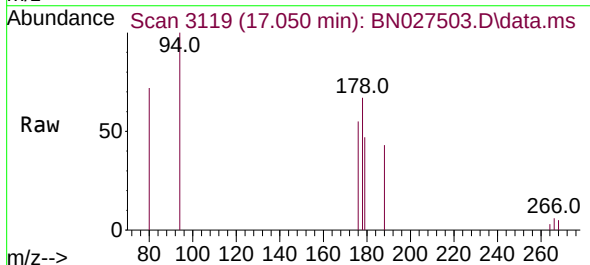
Instrument :
BNA_N
ClientSampleId :
BH9X5

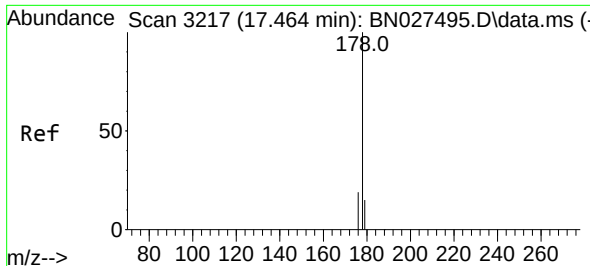
Tgt Ion:166 Resp: 12234
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 26.0 11.4 17.0#



#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 17.050 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

Tgt Ion:266 Resp: 241
Ion Ratio Lower Upper
266 100
264 33.6 50.4 75.6#
268 39.8 51.9 77.9#

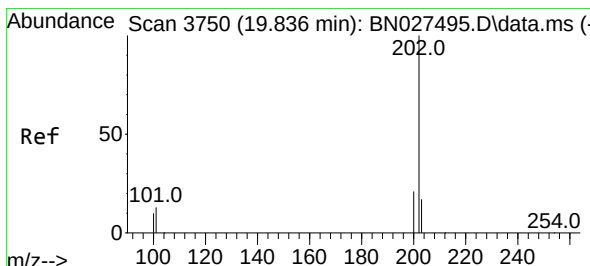
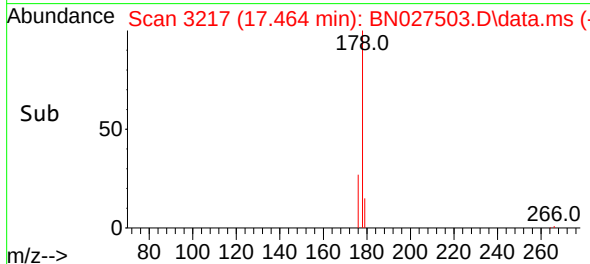
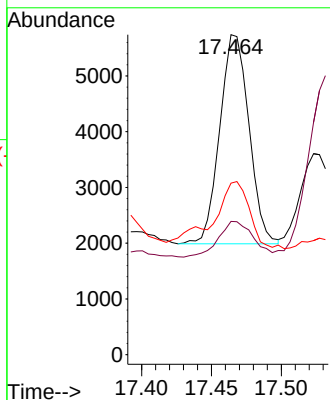
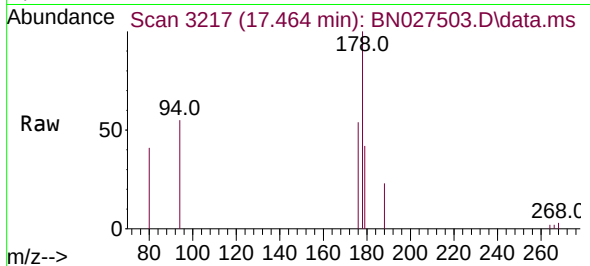




#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.464 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

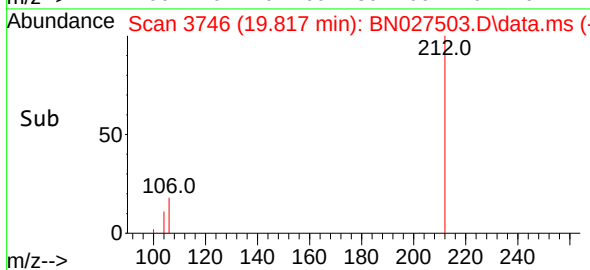
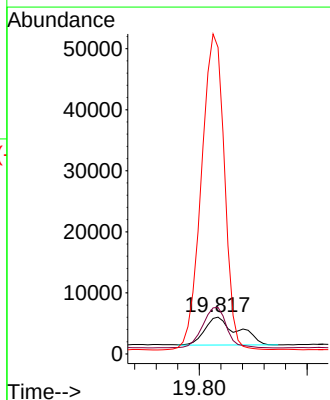
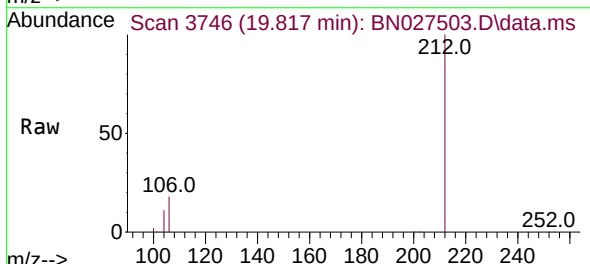
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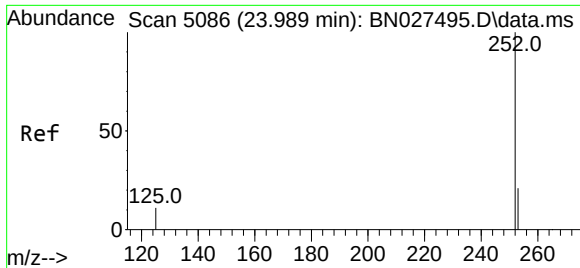
Tgt Ion:178 Resp: 5464
Ion Ratio Lower Upper
178 100
179 41.7 12.6 19.0#
176 53.6 15.8 23.8#



#20
Pyrene
Concen: 0.053 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.023 min
Lab File: BN027503.D
Acq: 09 Sep 2023 15:58

Tgt Ion:202 Resp: 9685
Ion Ratio Lower Upper
202 100
101 126.3 11.4 17.2#
100 831.4 9.4 14.2#





#26

Benzo(a)pyrene

Concen: 0.100 ng/ul

RT: 23.948 min Scan# 50

Delta R.T. -0.047 min

Lab File: BN027503.D

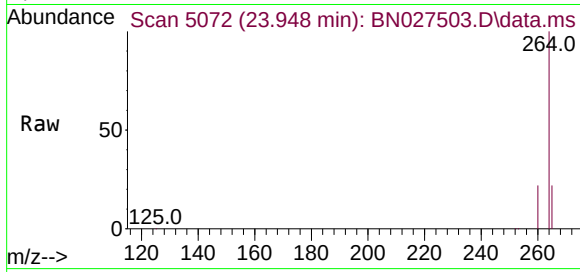
Acq: 09 Sep 2023 15:58

Instrument :

BNA_N

ClientSampleId :

BH9X5



Tgt Ion:252 Resp: 13050

Ion Ratio Lower Upper

252 100

253 48.8 22.4 33.6#

125 39.2 17.4 26.2#

