

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027903.D
 Acq On : 27 Sep 2023 17:21
 Operator : MA/JU
 Sample : 04472-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM3

Quant Time: Sep 28 00:01:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

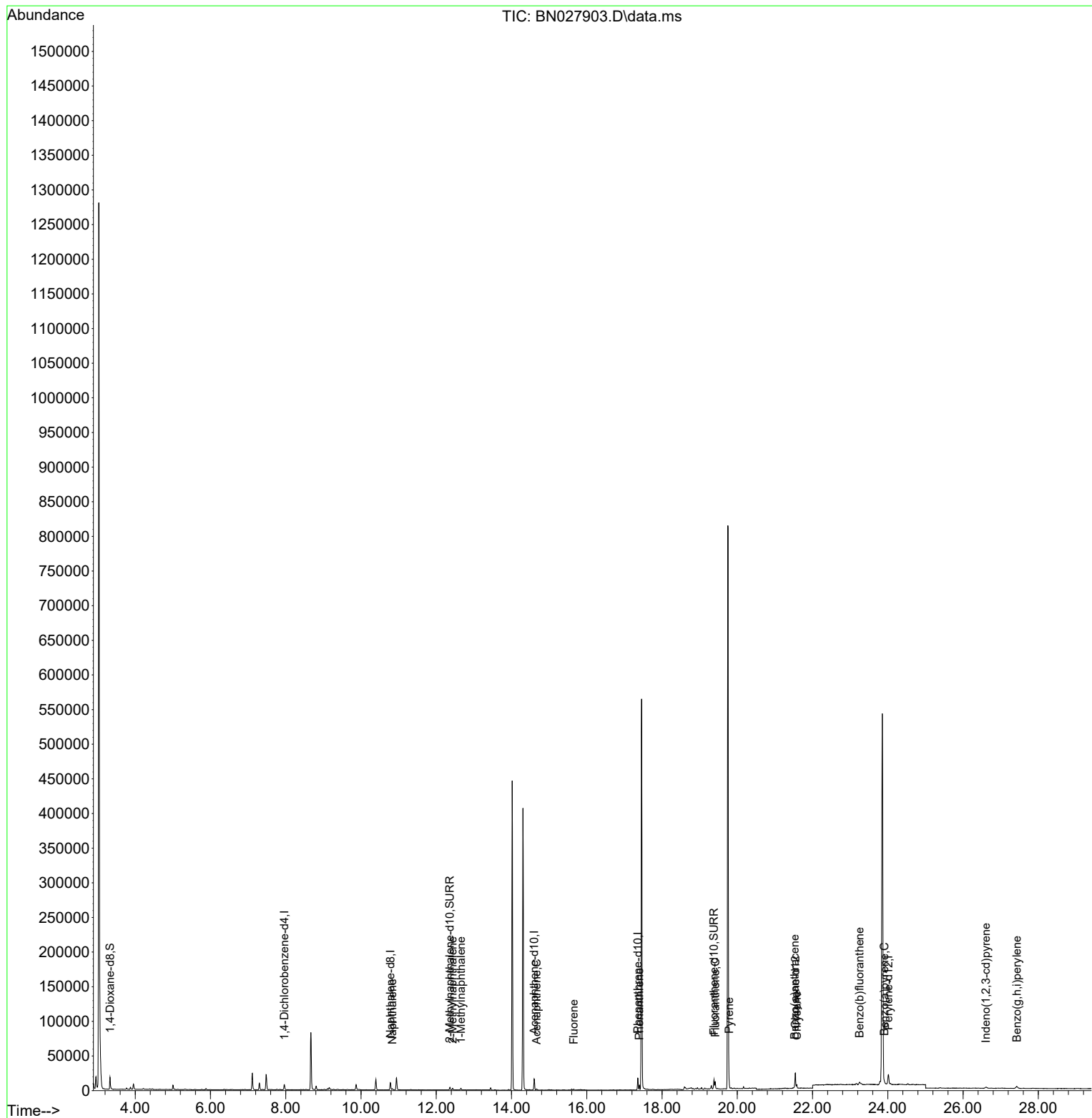
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14144	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	19897	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	19078	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	19935	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	11742	2.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5122	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	13019	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	2566	0.063	ng/ul#	90
7) 2-Methylnaphthalene	12.434	142	1701	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	1666	0.063	ng/ul	100
11) Acenaphthene	14.666	153	1020	0.030	ng/ul	98
12) Fluorene	15.651	166	814	0.020	ng/ul#	89
15) Phenanthrene	17.396	178	7529	0.120	ng/ul#	96
19) Fluoranthene	19.413	202	8974	0.116	ng/ul#	94
20) Pyrene	19.780	202	10007	0.126	ng/ul	95
21) Benzo(a)anthracene	21.524	228	3982	0.054	ng/ul#	72
22) Chrysene	21.580	228	4287	0.056	ng/ul#	76
24) Benzo(b)fluoranthene	23.249	252	8235	0.093	ng/ul#	2
26) Benzo(a)pyrene	23.904	252	3677	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.606	276	2995	0.033	ng/ul#	99
29) Benzo(g,h,i)perylene	27.428	276	6138	0.079	ng/ul#	67

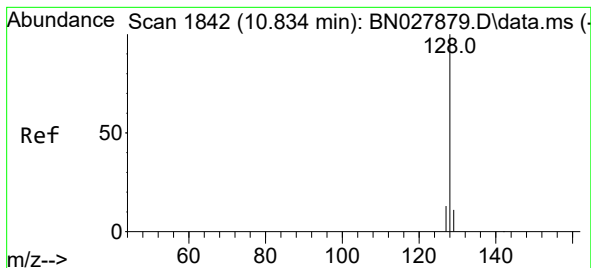
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.063 ng/ul

RT: 10.834 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BN027903.D

Acq: 27 Sep 2023 17:21

Instrument :

BNA_N

ClientSampleId :

EZYM3

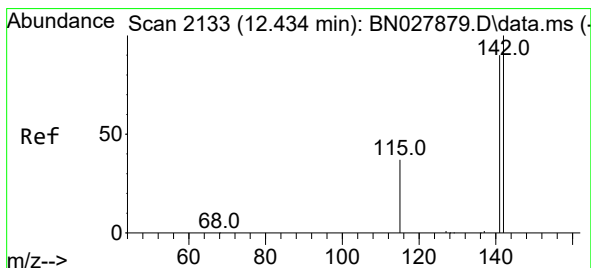
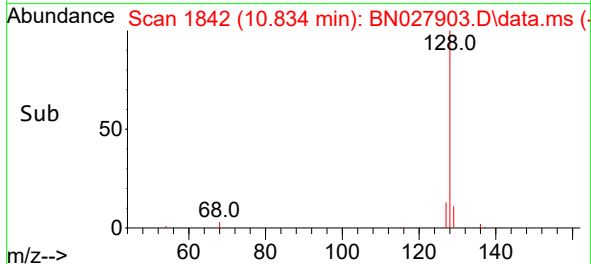
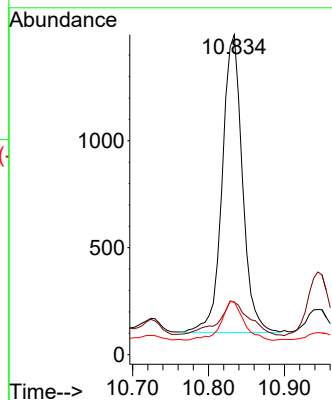
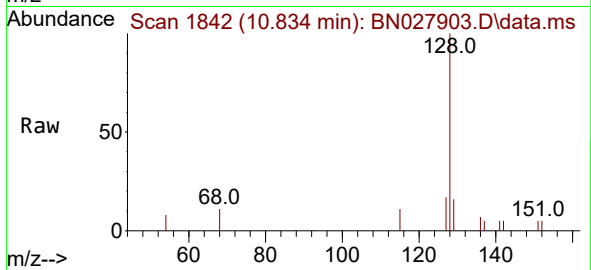
Tgt Ion:128 Resp: 2566

Ion Ratio Lower Upper

128 100

129 16.4 9.3 13.9#

127 16.5 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BN027903.D

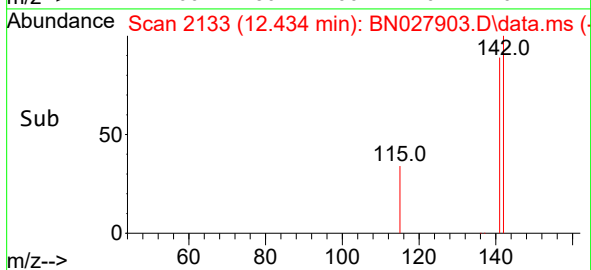
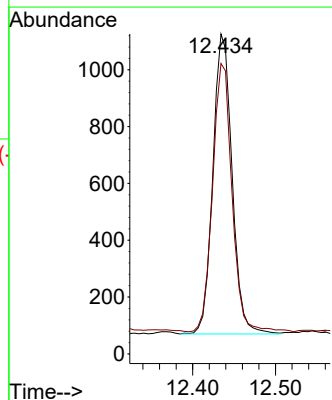
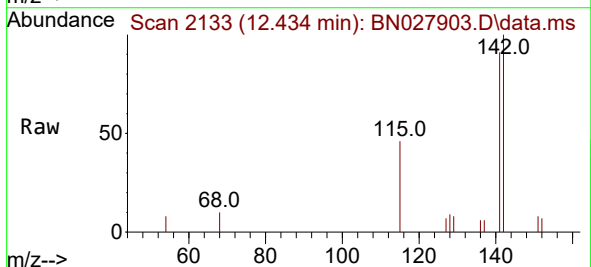
Acq: 27 Sep 2023 17:21

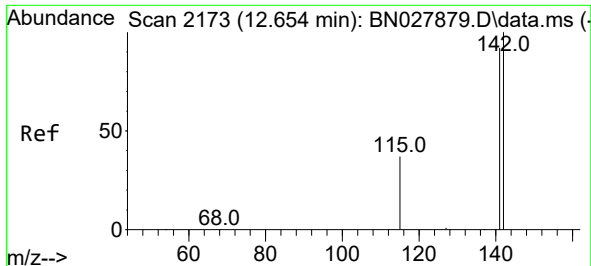
Tgt Ion:142 Resp: 1701

Ion Ratio Lower Upper

142 100

141 89.9 71.1 106.7

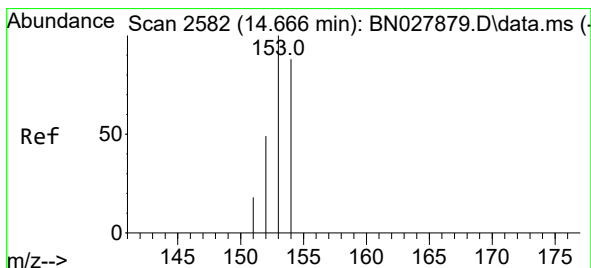
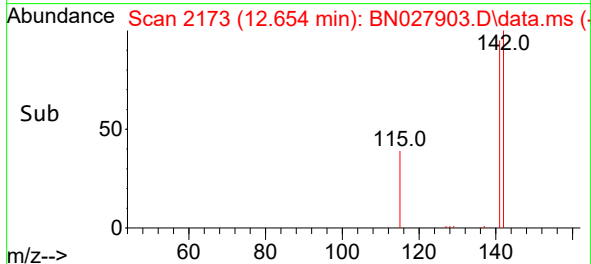
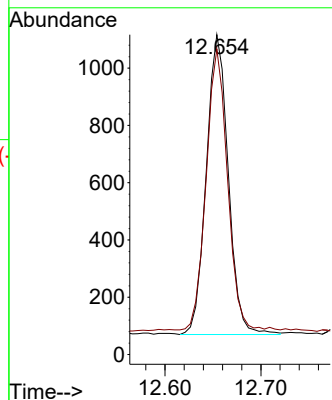
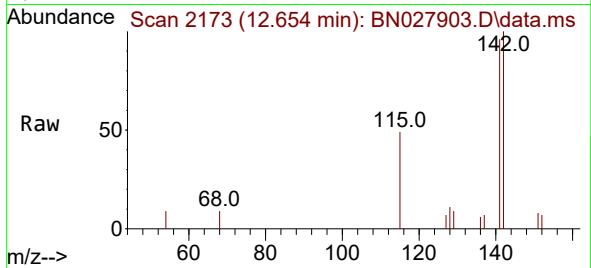




#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

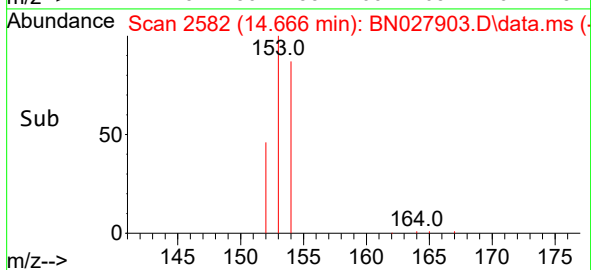
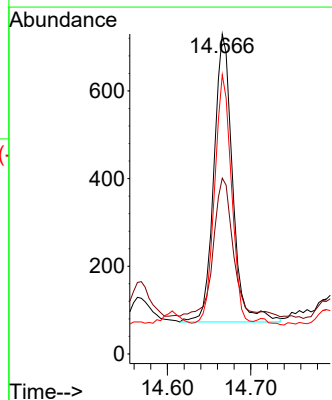
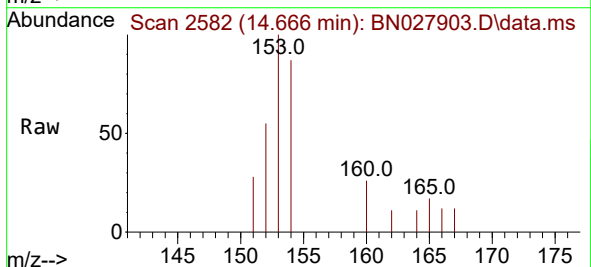
Instrument :
BNA_N
ClientSampleId :
EZY3

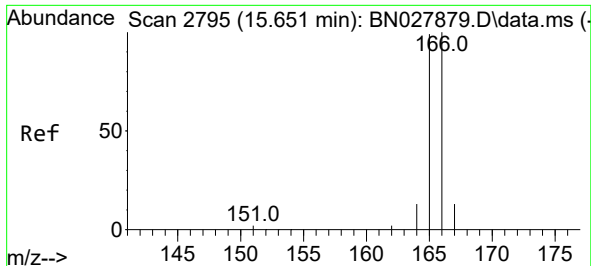
Tgt Ion:142 Resp: 1666
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2



#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.666 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

Tgt Ion:153 Resp: 1020
Ion Ratio Lower Upper
153 100
152 54.9 41.7 62.5
154 87.3 70.3 105.5

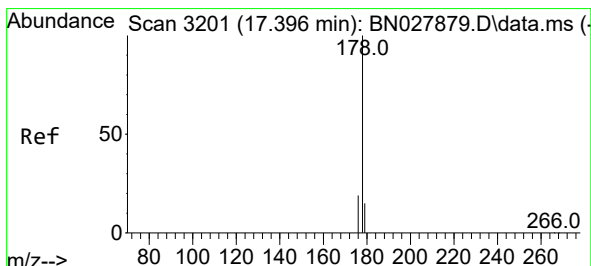
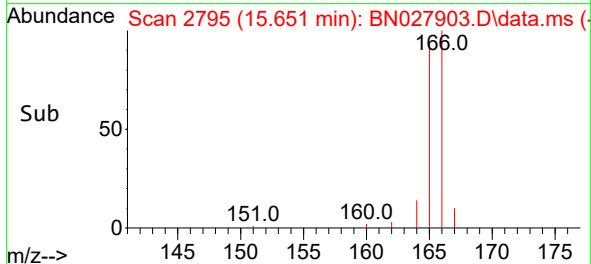
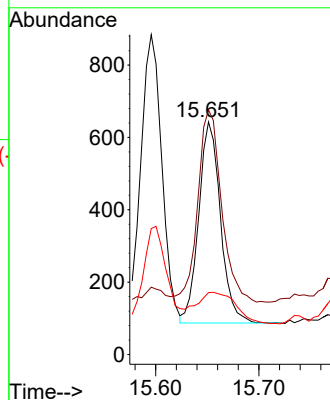
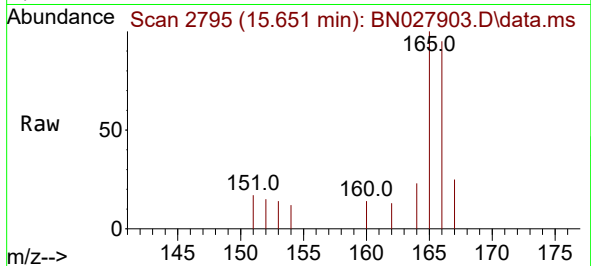




#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

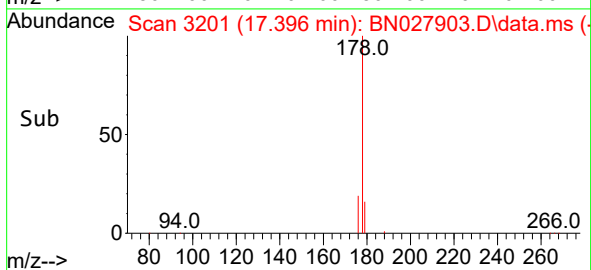
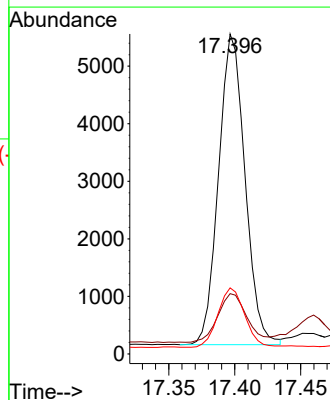
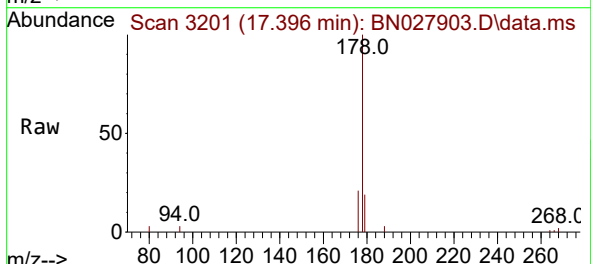
Instrument :
BNA_N
ClientSampleId :
EZY3

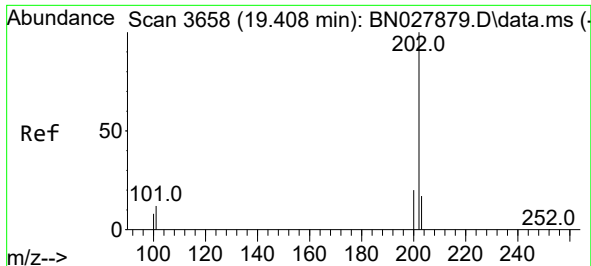
Tgt Ion:166 Resp: 814
Ion Ratio Lower Upper
166 100
165 105.1 78.0 117.0
167 26.6 11.4 17.2#



#15
Phenanthrene
Concen: 0.120 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

Tgt Ion:178 Resp: 7529
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6#
176 20.7 16.0 24.0

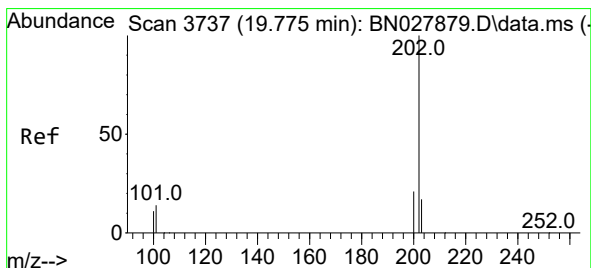
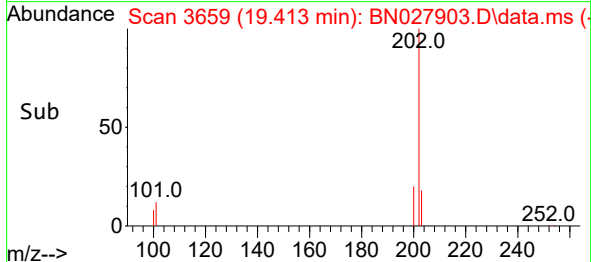
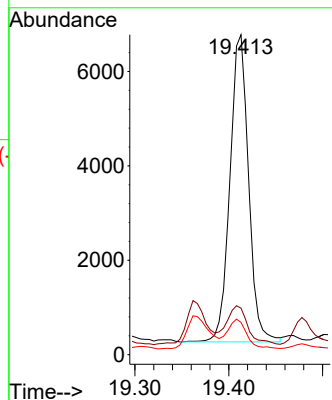
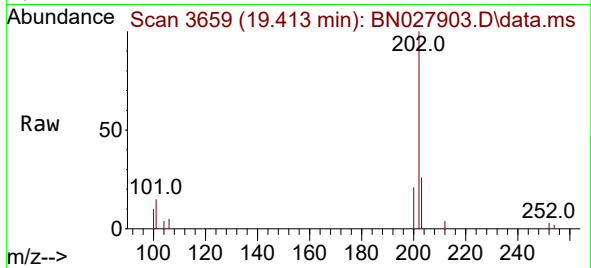




#19
Fluoranthene
Concen: 0.116 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

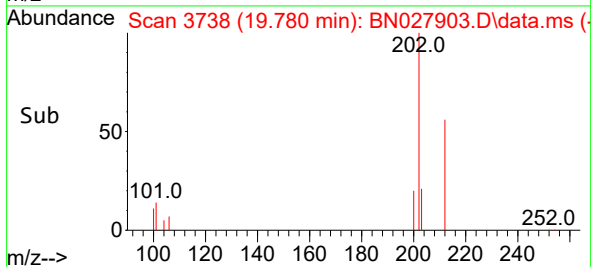
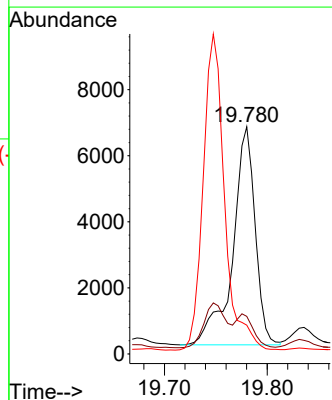
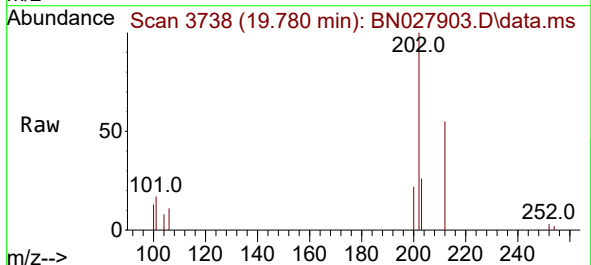
Instrument :
BNA_N
ClientSampleId :
EZY3

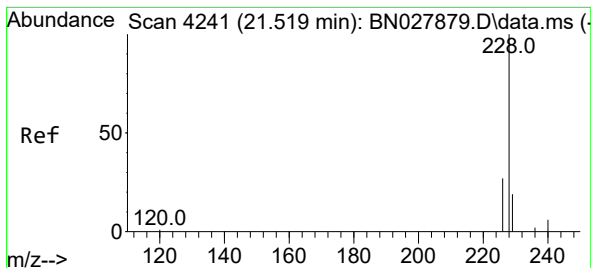
Tgt Ion:202 Resp: 8974
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 10.1 7.0 10.4



#20
Pyrene
Concen: 0.126 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

Tgt Ion:202 Resp: 10007
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.0
100 12.7 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.054 ng/ul

RT: 21.524 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN027903.D

Acq: 27 Sep 2023 17:21

Instrument :

BNA_N

ClientSampleId :

EZYM3

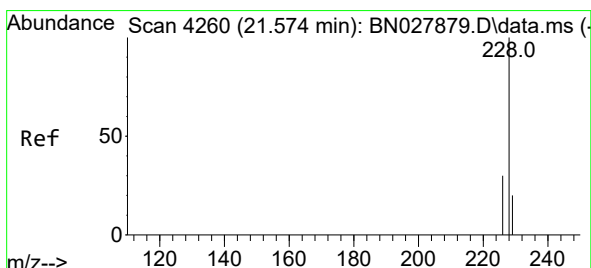
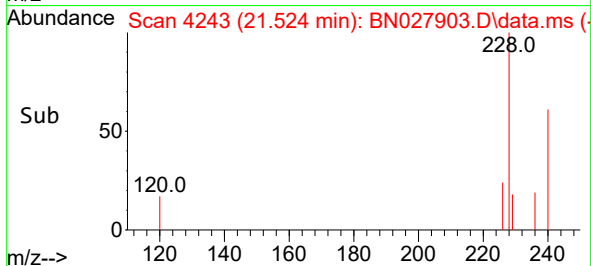
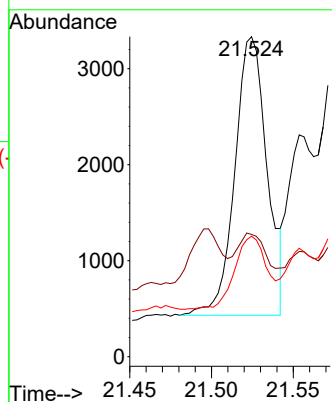
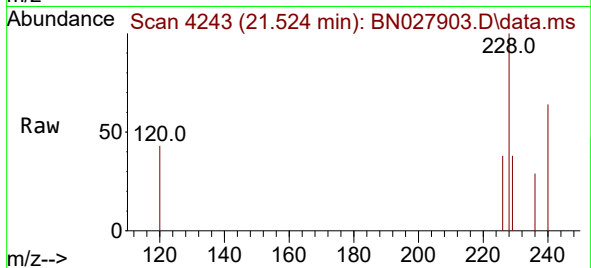
Tgt Ion:228 Resp: 3982

Ion Ratio Lower Upper

228 100

229 38.2 15.8 23.8#

226 37.7 22.0 33.0#



#22

Chrysene

Concen: 0.056 ng/ul

RT: 21.580 min Scan# 4262

Delta R.T. 0.006 min

Lab File: BN027903.D

Acq: 27 Sep 2023 17:21

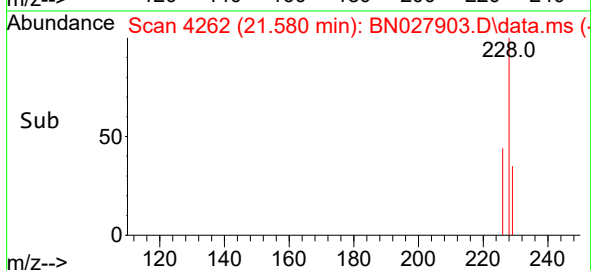
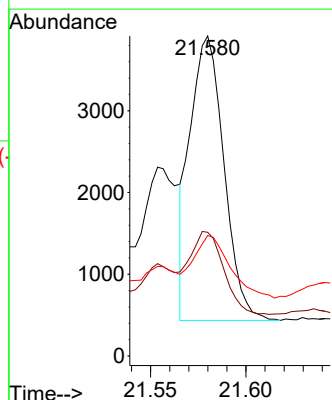
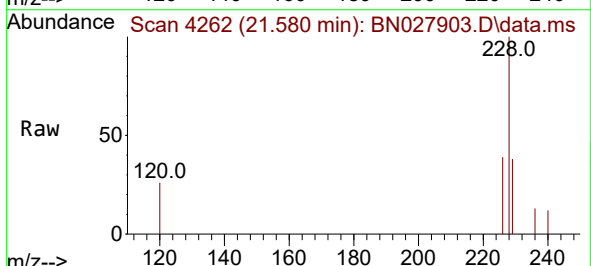
Tgt Ion:228 Resp: 4287

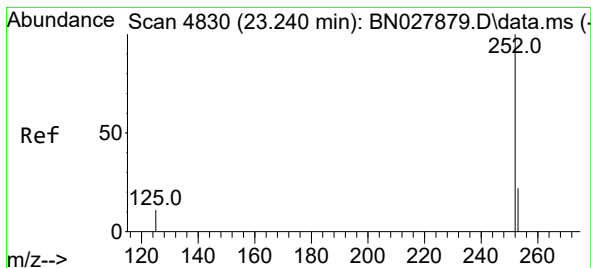
Ion Ratio Lower Upper

228 100

226 38.6 24.5 36.7#

229 37.7 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.093 ng/ul

RT: 23.249 min Scan# 4833

Delta R.T. 0.009 min

Lab File: BN027903.D

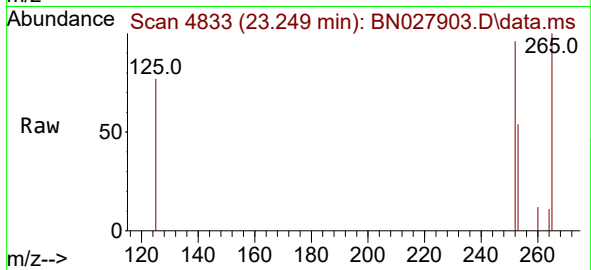
Acq: 27 Sep 2023 17:21

Instrument :

BNA_N

ClientSampleId :

EZYM3



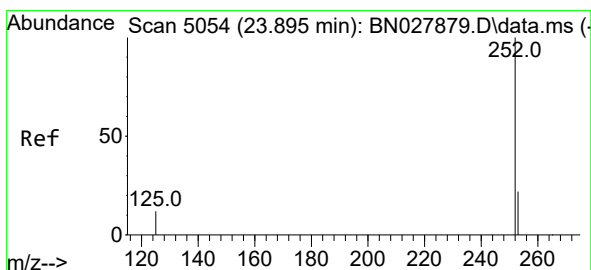
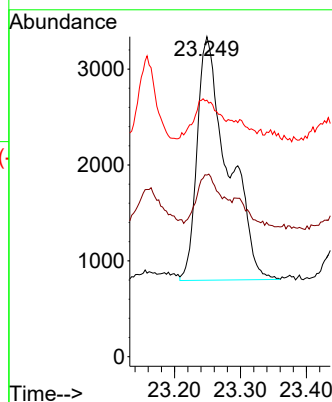
Tgt Ion:252 Resp: 8235

Ion Ratio Lower Upper

252 100

253 56.7 0.0 50.2#

125 80.1 0.0 31.4#



#26

Benzo(a)pyrene

Concen: 0.051 ng/ul

RT: 23.904 min Scan# 5057

Delta R.T. 0.009 min

Lab File: BN027903.D

Acq: 27 Sep 2023 17:21

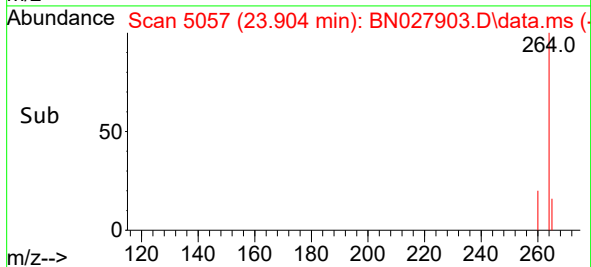
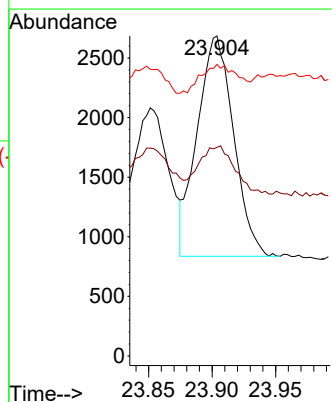
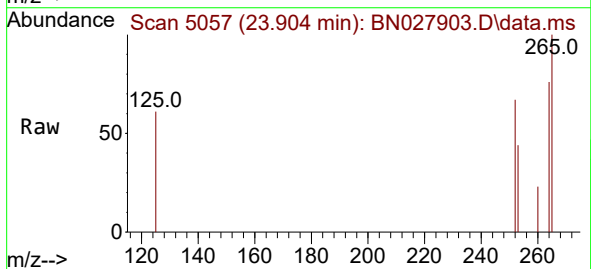
Tgt Ion:252 Resp: 3677

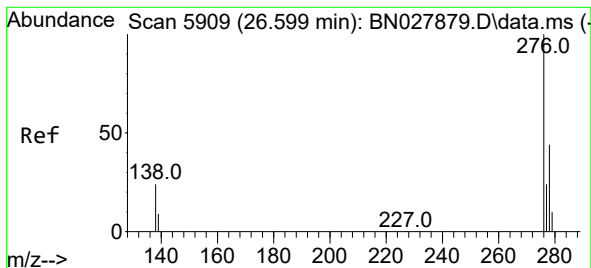
Ion Ratio Lower Upper

252 100

253 65.2 21.9 32.9#

125 91.1 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/ul

RT: 26.606 min Scan# 5911

Delta R.T. 0.007 min

Lab File: BN027903.D

Acq: 27 Sep 2023 17:21

Instrument :

BNA_N

ClientSampleId :

EZYM3

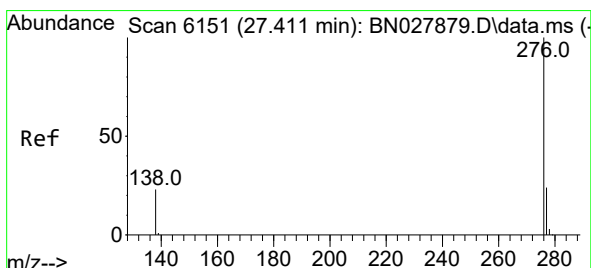
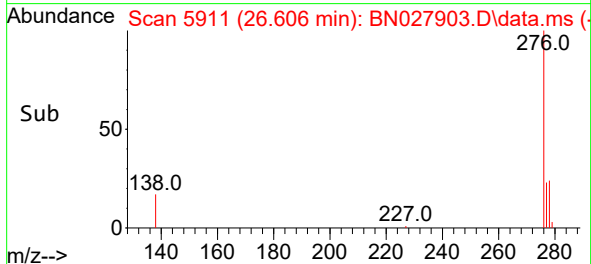
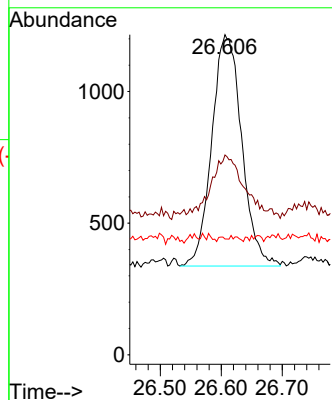
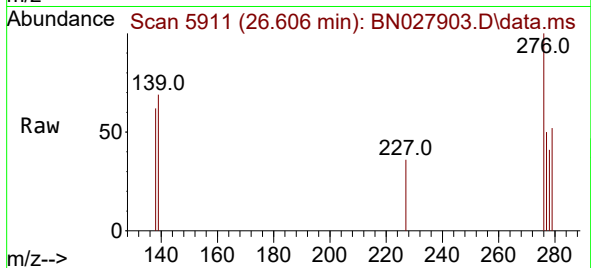
Tgt Ion:276 Resp: 2995

Ion Ratio Lower Upper

276 100

138 31.0 24.3 36.5

227 0.5 0.0 0.0#



#29

Benzo(g,h,i)perylene

Concen: 0.079 ng/ul

RT: 27.428 min Scan# 6156

Delta R.T. 0.017 min

Lab File: BN027903.D

Acq: 27 Sep 2023 17:21

Tgt Ion:276 Resp: 6138

Ion Ratio Lower Upper

276 100

138 46.3 21.7 32.5#

277 40.0 20.2 30.2#

