

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019933.D
 Acq On : 24 May 2022 21:08
 Operator : CG/JU
 Sample : N2950-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2

Quant Time: May 25 01:46:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

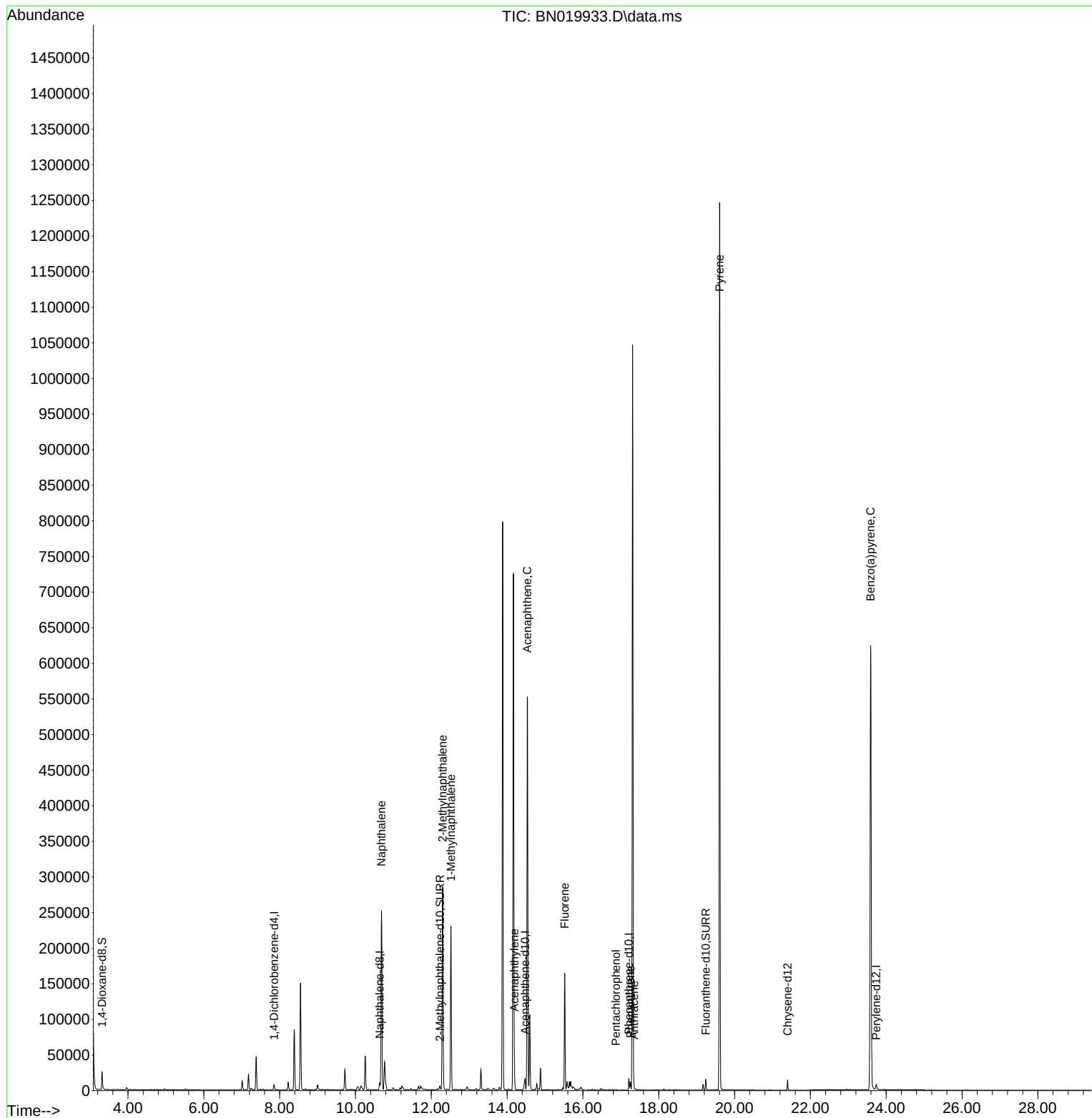
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	12717	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	8464	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	16971	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12879	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	10253	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	16717	4.843	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	6994	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	16931	0.368	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.687	128	351684	8.818	ng/ul	98
7) 2-Methylnaphthalene	12.299	142	203302	7.693	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	157322	6.394	ng/ul#	100
10) Acenaphthylene	14.191	152	20450	0.424	ng/ul	99
11) Acenaphthene	14.533	153	333295	10.198	ng/ul	99
12) Fluorene	15.518	166	103514	2.832	ng/ul	99
14) Pentachlorophenol	16.869	266	111	0.039	ng/ul#	84
15) Phenanthrene	17.254	178	12983	0.218	ng/ul	99
16) Anthracene	17.347	178	5468	0.098	ng/ul	96
20) Pyrene	19.604	202	2316	0.036	ng/ul#	1
26) Benzo(a)pyrene	23.589	252	3386	0.079	ng/ul#	87

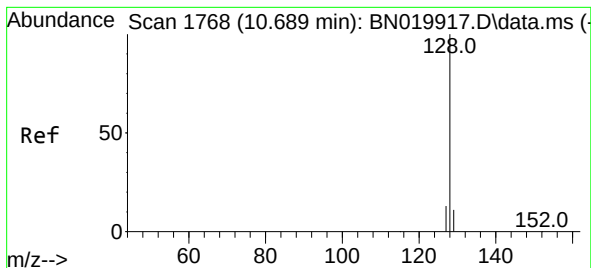
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 8.818 ng/ul

RT: 10.687 min Scan# 1768

Delta R.T. -0.005 min

Lab File: BN019933.D

Acq: 24 May 2022 21:08

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ClientSampleId :

DBTD2

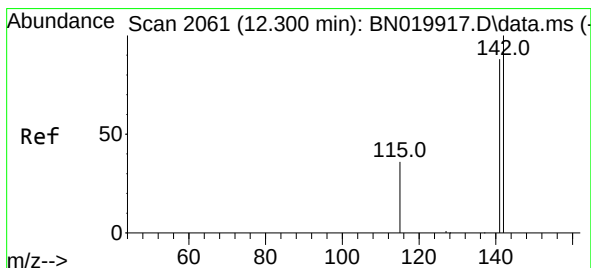
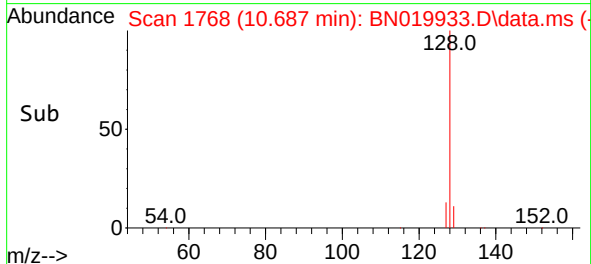
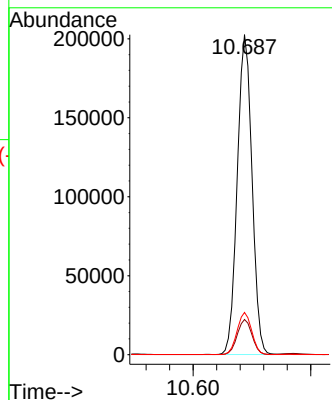
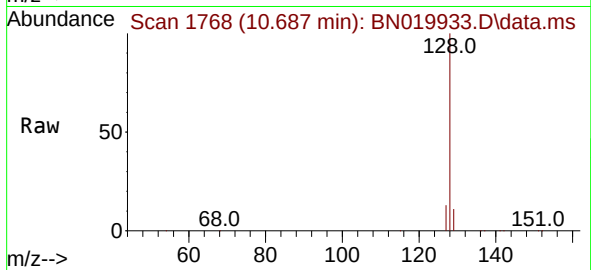
Tgt Ion:128 Resp: 351684

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

127 13.2 11.0 16.4



#7

2-Methylnaphthalene

Concen: 7.693 ng/ul

RT: 12.299 min Scan# 2061

Delta R.T. -0.005 min

Lab File: BN019933.D

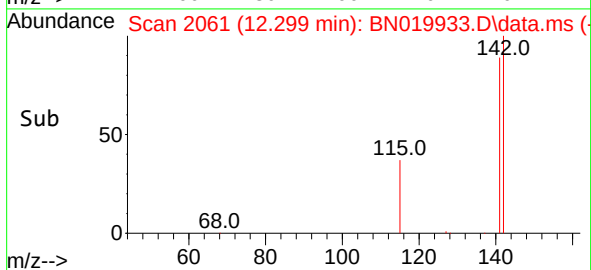
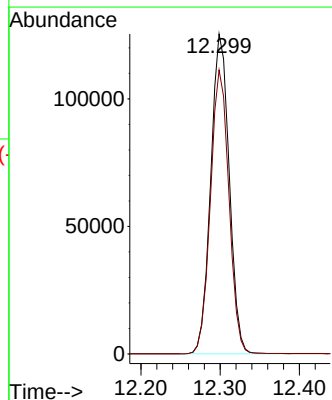
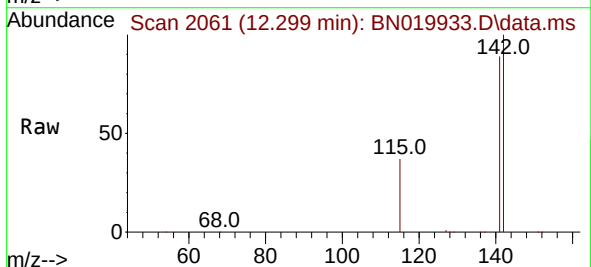
Acq: 24 May 2022 21:08

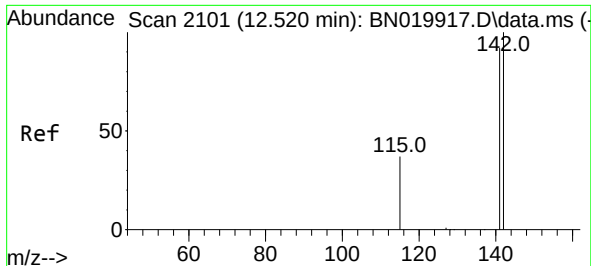
Tgt Ion:142 Resp: 203302

Ion Ratio Lower Upper

142 100

141 88.5 0.0 0.0#

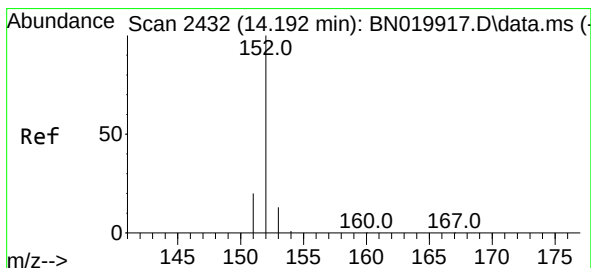
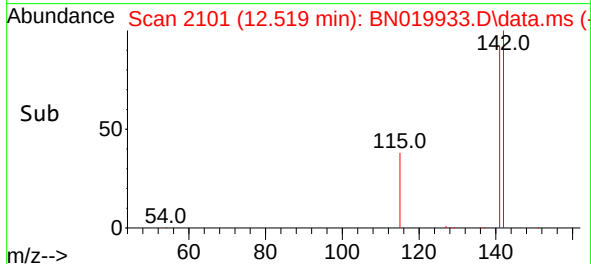
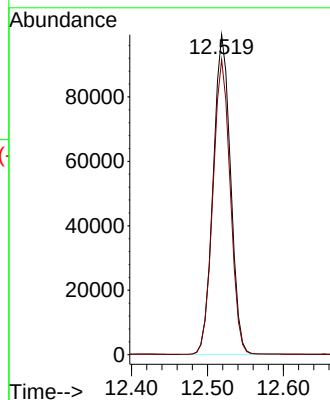
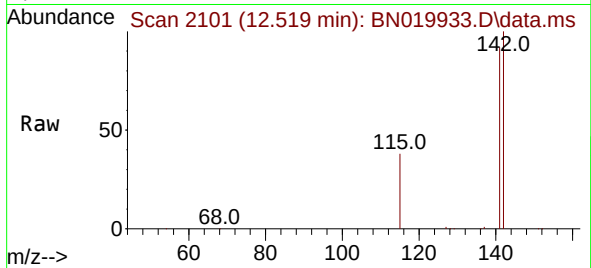




#8
1-Methylnaphthalene
Concen: 6.394 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019933.D
Acq: 24 May 2022 21:08

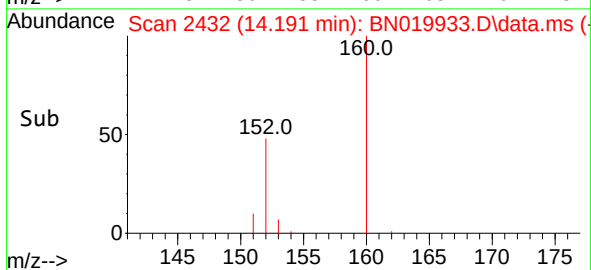
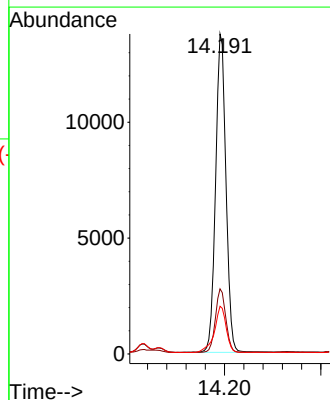
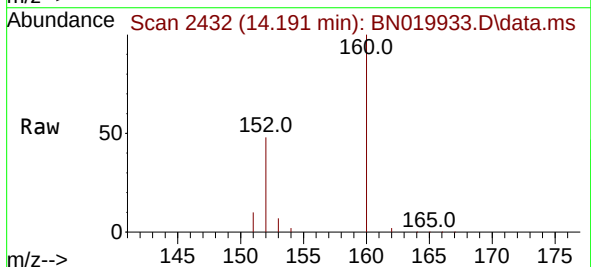
Instrument :
BNA_N
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DBTD2

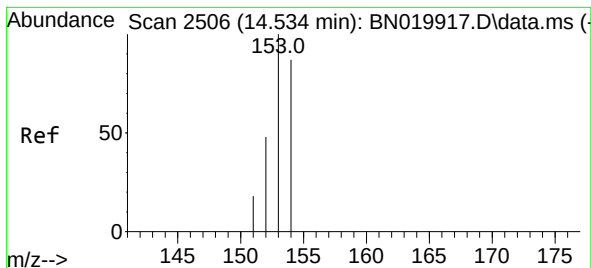
Tgt Ion:142 Resp: 157322
Ion Ratio Lower Upper
142 100
141 91.7 0.0 0.0#



#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019933.D
Acq: 24 May 2022 21:08

Tgt Ion:152 Resp: 20450
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.9 11.1 16.7





#11

Acenaphthene

Concen: 10.198 ng/ul

RT: 14.533 min Scan# 2506

Delta R.T. -0.005 min

Lab File: BN019933.D

Acq: 24 May 2022 21:08

Instrument :

BNA_N

ClientSampleId :

DBTD2

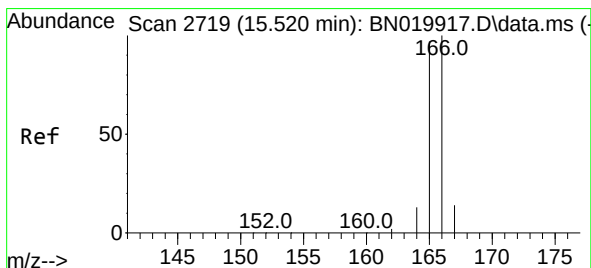
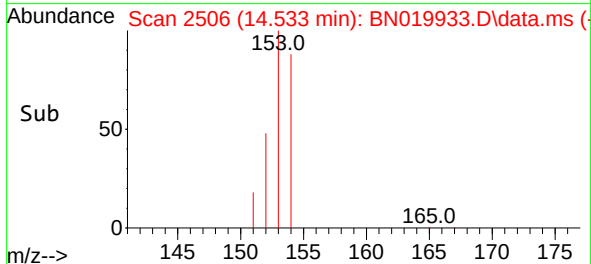
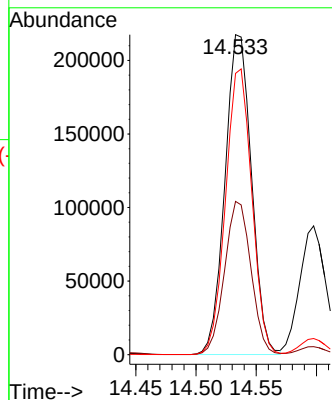
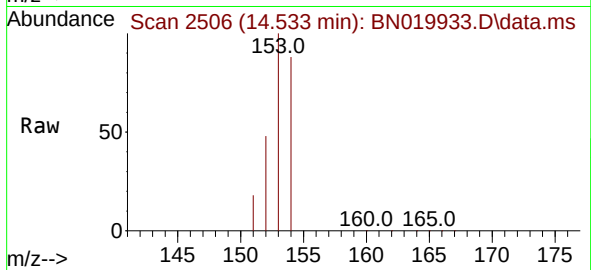
Tgt Ion:153 Resp: 333295

Ion Ratio Lower Upper

153 100

152 47.9 38.6 57.8

154 87.9 71.2 106.8



#12

Fluorene

Concen: 2.832 ng/ul

RT: 15.518 min Scan# 2719

Delta R.T. -0.005 min

Lab File: BN019933.D

Acq: 24 May 2022 21:08

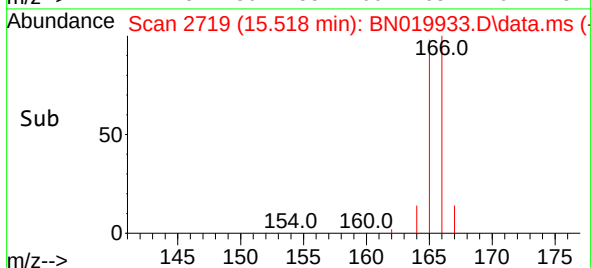
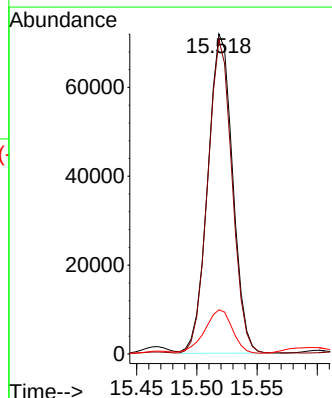
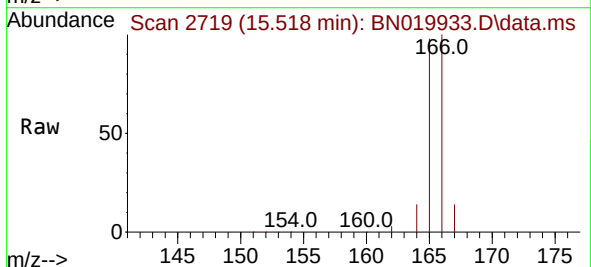
Tgt Ion:166 Resp: 103514

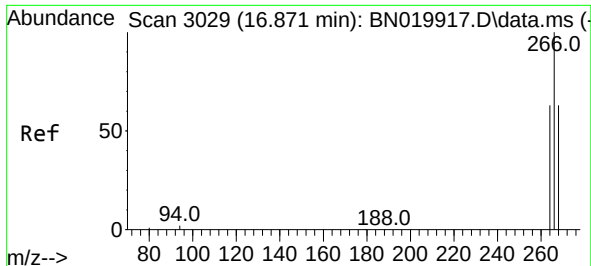
Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.2

167 13.8 11.3 16.9

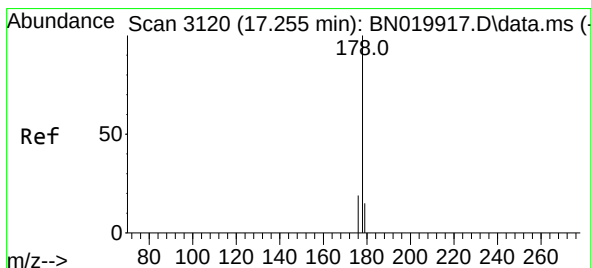
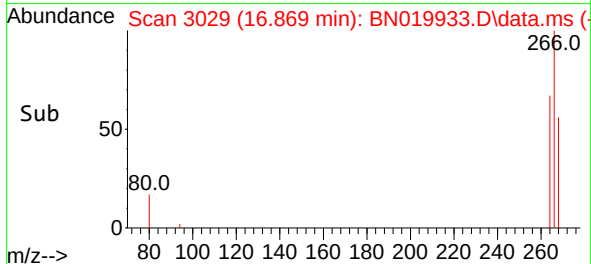
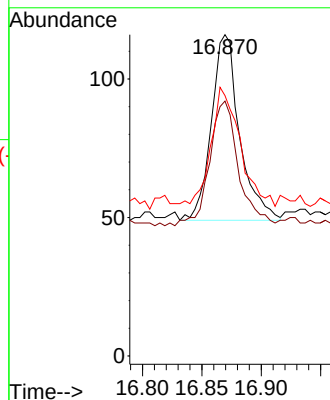
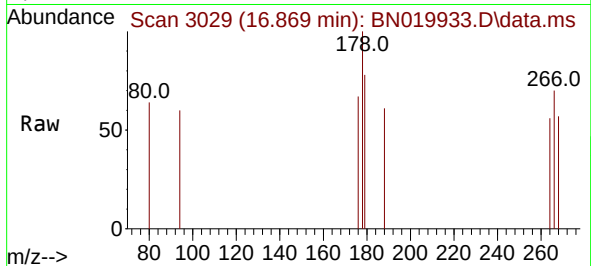




#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.869 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BN019933.D
Acq: 24 May 2022 21:08

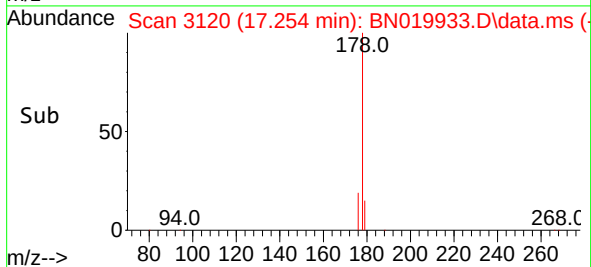
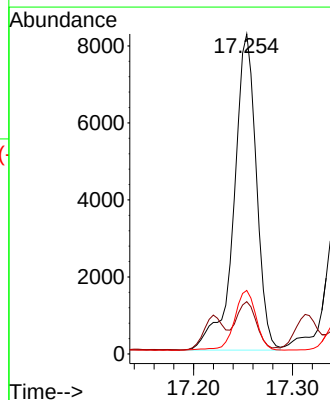
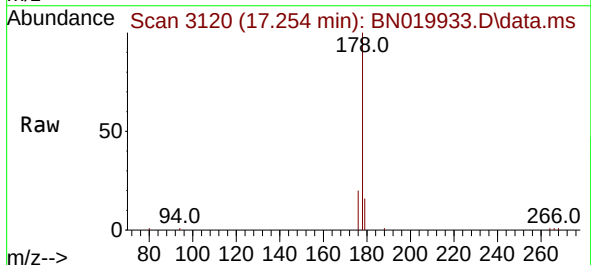
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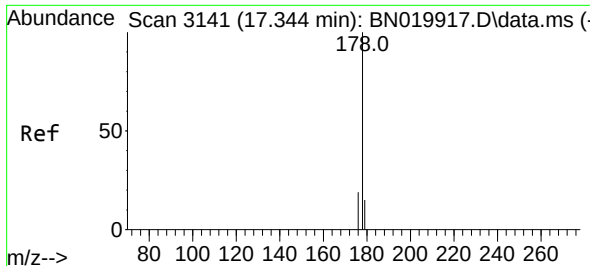
Tgt Ion:266 Resp: 111
Ion Ratio Lower Upper
266 100
264 69.4 44.9 67.3#
268 65.8 44.6 67.0



#15
Phenanthrene
Concen: 0.218 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019933.D
Acq: 24 May 2022 21:08

Tgt Ion:178 Resp: 12983
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.8 15.5 23.3

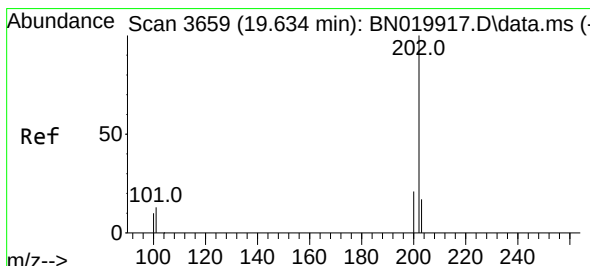
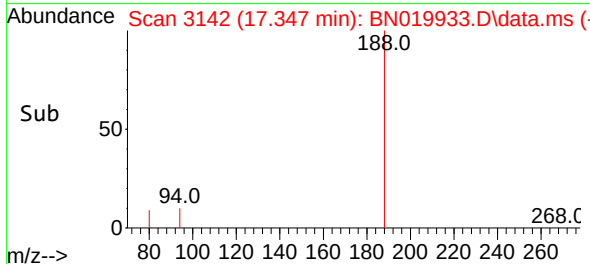
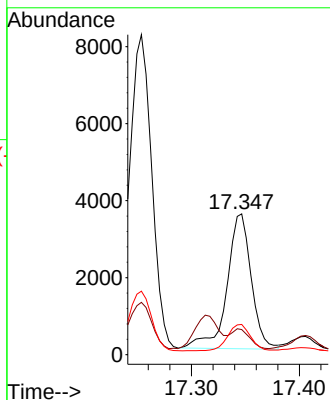
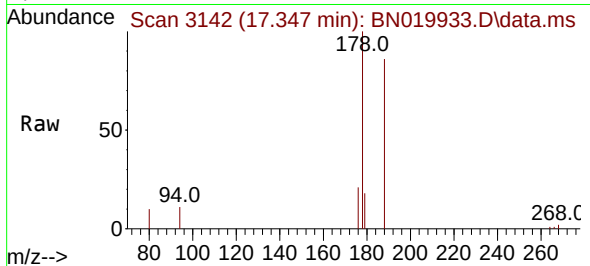




#16
 Anthracene
 Concen: 0.098 ng/ul
 RT: 17.347 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BN019933.D
 Acq: 24 May 2022 21:08

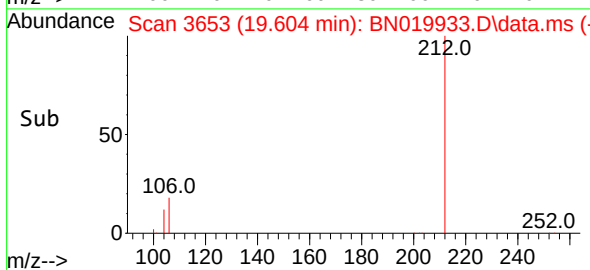
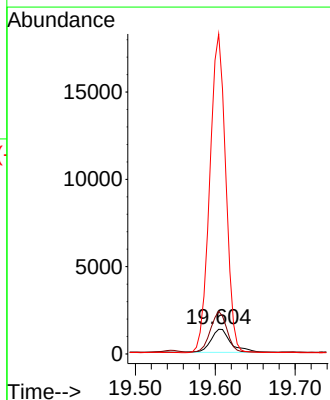
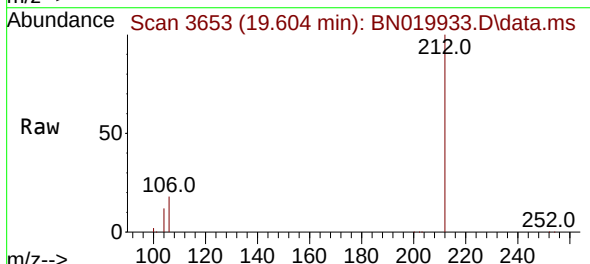
Instrument :
 BNA_N
 ClientSampleId :
 DBTD2

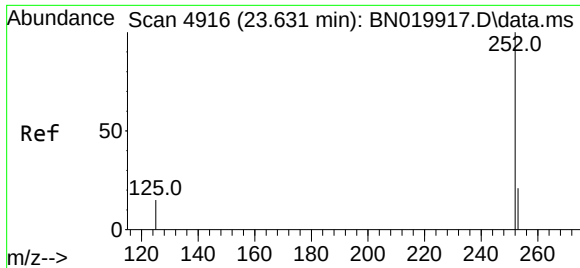
Tgt Ion:178 Resp: 5468
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.1 19.7
 176 21.5 15.3 22.9



#20
 Pyrene
 Concen: 0.036 ng/ul
 RT: 19.604 min Scan# 3653
 Delta R.T. -0.032 min
 Lab File: BN019933.D
 Acq: 24 May 2022 21:08

Tgt Ion:202 Resp: 2316
 Ion Ratio Lower Upper
 202 100
 101 172.7 11.4 17.0#
 100 1295.3 9.0 13.4#





#26

Benzo(a)pyrene

Concen: 0.079 ng/ul

RT: 23.589 min Scan# 4916

Delta R.T. -0.050 min

Lab File: BN019933.D

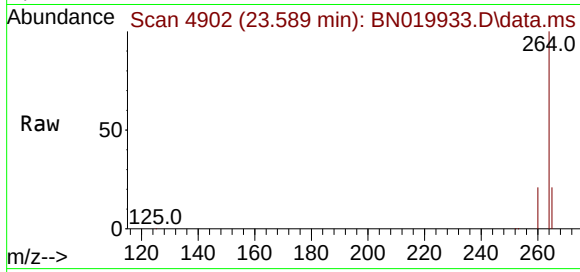
Acq: 24 May 2022 21:08

Instrument :

BNA_N

ClientSampleId :

DBTD2



Tgt Ion:252 Resp: 3386

Ion Ratio Lower Upper

252 100

253 42.3 23.4 35.0#

125 37.5 28.3 42.5

