

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019923.D
 Acq On : 24 May 2022 14:33
 Operator : CG/JU
 Sample : N2918-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTH0

Quant Time: May 25 01:45:13 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)

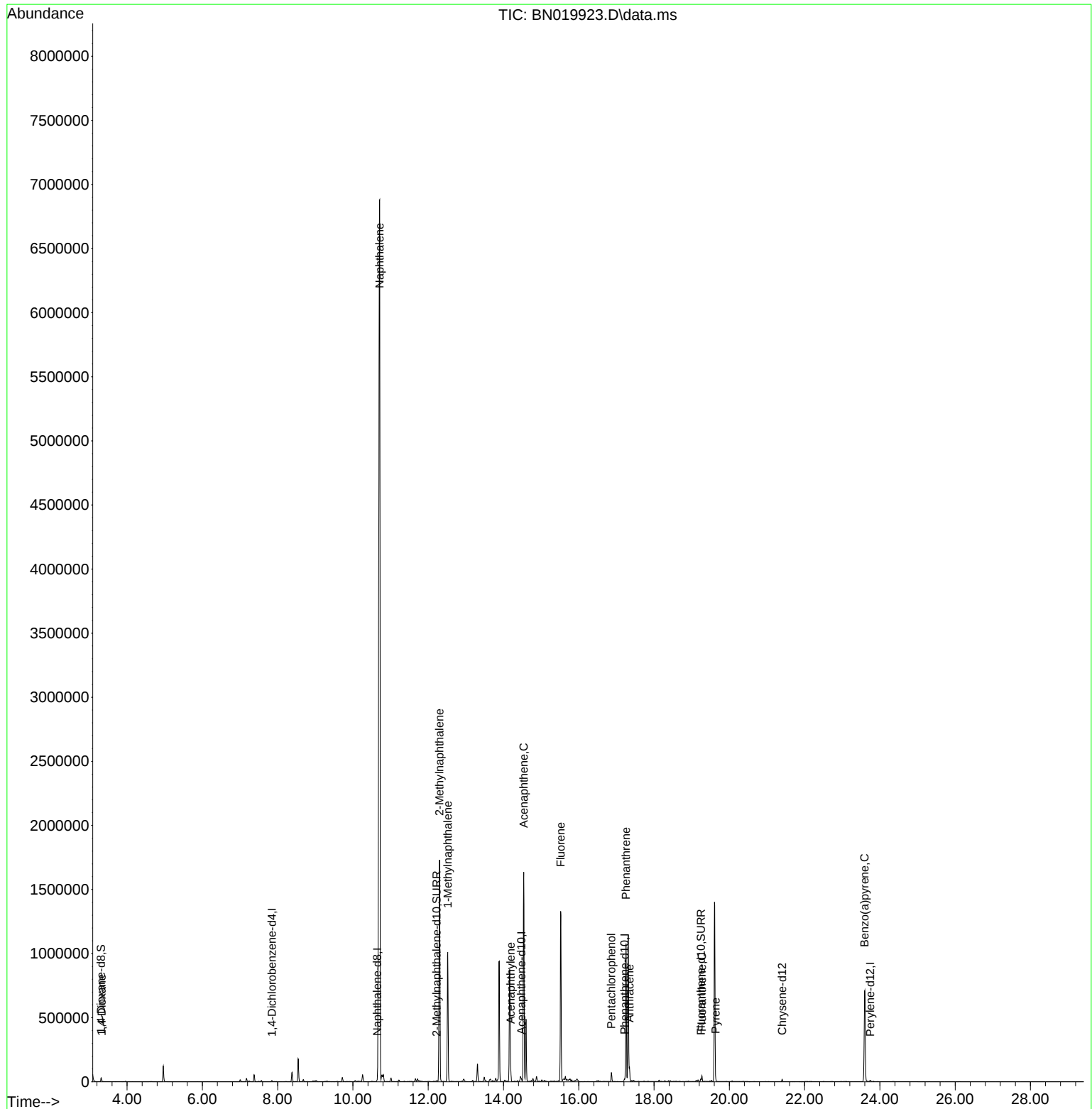
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4578	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	15527	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	11141	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.213	188	20653	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	16720	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	12678	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	20371	4.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	8396	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	20039	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	126	0.028	ng/ul#	50
5) Naphthalene	10.711	128	13012207	267.206	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	1242911	38.518	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	709418	23.616	ng/ul#	100
10) Acenaphthylene	14.192	152	75505	1.189	ng/ul#	97
11) Acenaphthene	14.539	153	1023728	23.797	ng/ul	99
12) Fluorene	15.520	166	866378	18.010	ng/ul	99
14) Pentachlorophenol	16.867	266	45468	13.218	ng/ul	90
15) Phenanthrene	17.255	178	1218166	16.773	ng/ul	99
16) Anthracene	17.348	178	114337	1.679	ng/ul	99
19) Fluoranthene	19.271	202	38522	0.462	ng/ul	99
20) Pyrene	19.639	202	18752	0.221	ng/ul	98
26) Benzo(a)pyrene	23.595	252	3933	0.074	ng/ul#	77

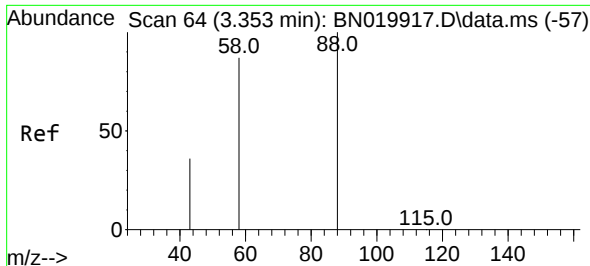
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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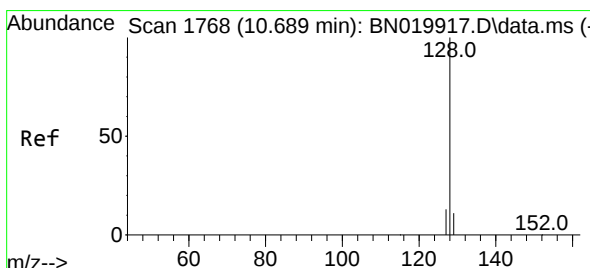
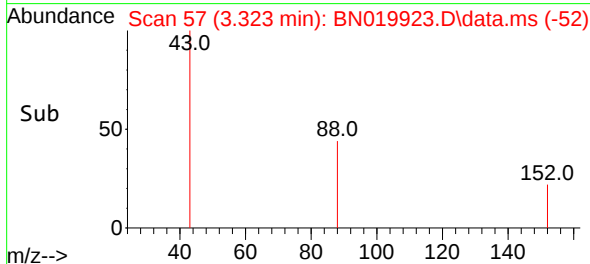
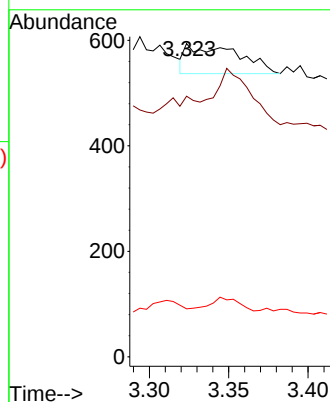
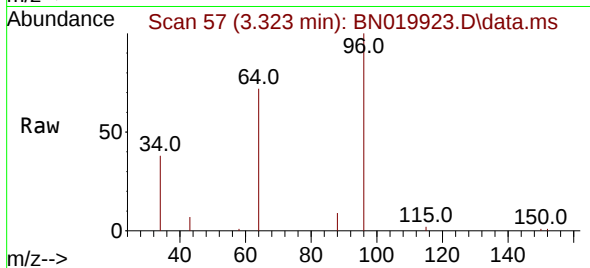




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.323 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

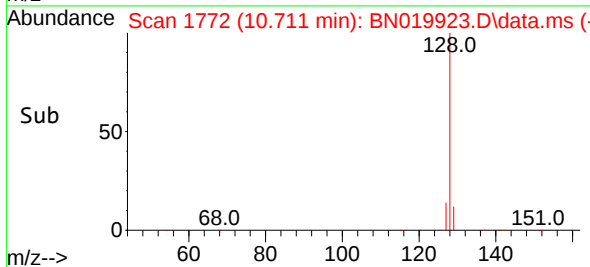
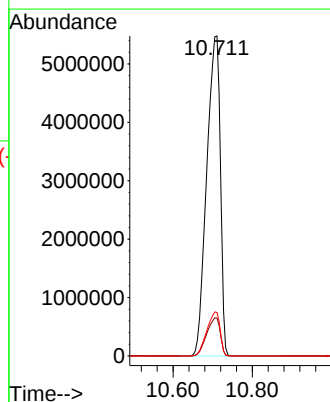
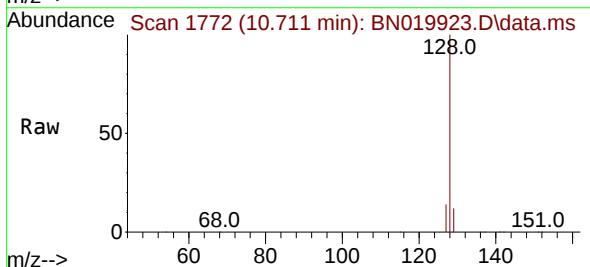
Instrument :
BNA_N
ClientSampleId :
DBTH0

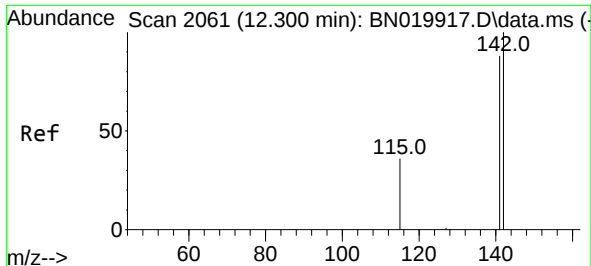
Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 83.2 39.0 58.4#
58 15.3 39.8 59.8#



#5
Naphthalene
Concen: 267.206 ng/ul
RT: 10.711 min Scan# 1772
Delta R.T. 0.018 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

Tgt Ion: 128 Resp: 13012207
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.6 11.0 16.4

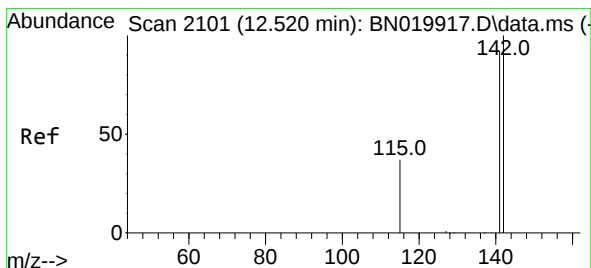
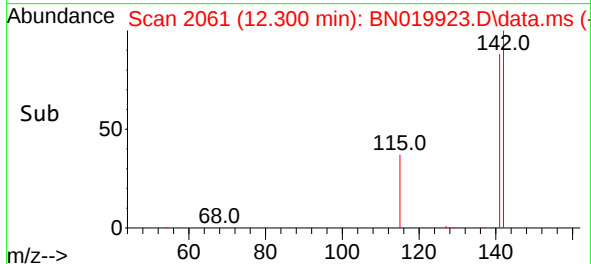
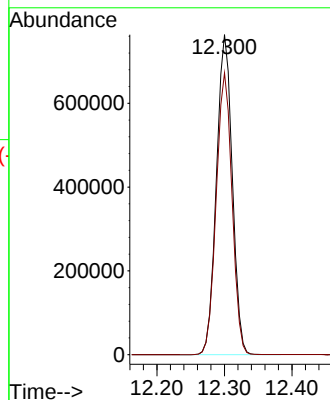
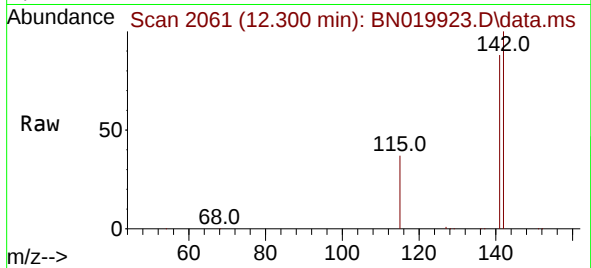




#7
2-Methylnaphthalene
Concen: 38.518 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

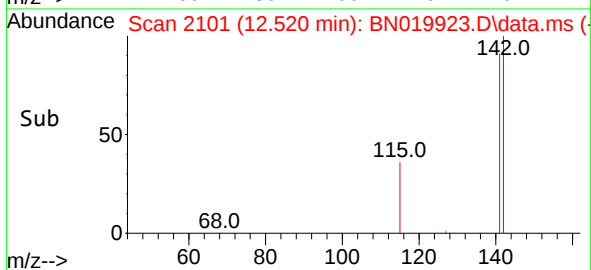
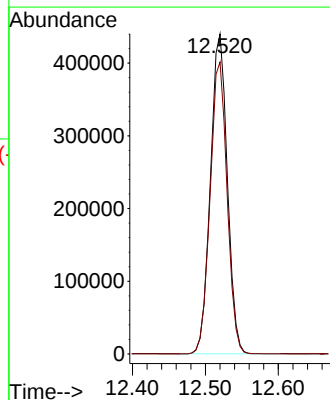
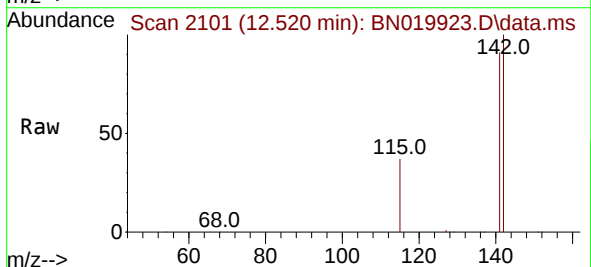
Instrument :
BNA_N
ClientSampleId :
DBTH0

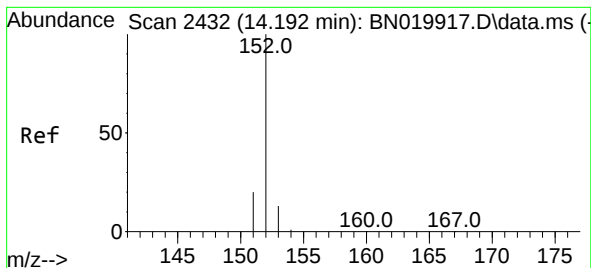
Tgt Ion:142 Resp: 1242911
Ion Ratio Lower Upper
142 100
141 88.0 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 23.616 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

Tgt Ion:142 Resp: 709418
Ion Ratio Lower Upper
142 100
141 91.5 0.0 0.0#





#10

Acenaphthylene

Concen: 1.189 ng/ul

RT: 14.192 min Scan# 2432

Delta R.T. -0.003 min

Lab File: BN019923.D

Acq: 24 May 2022 14:33

Instrument :

BNA_N

ClientSampleId :

DBTH0

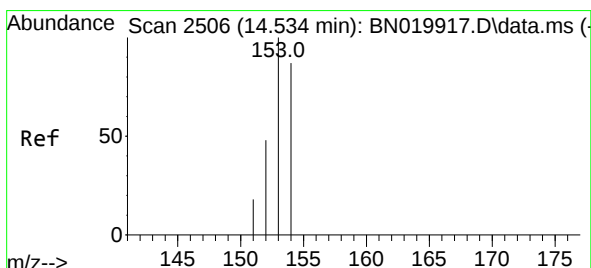
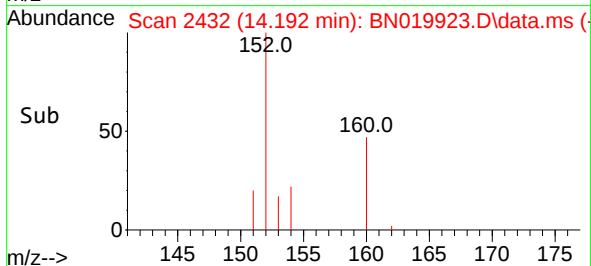
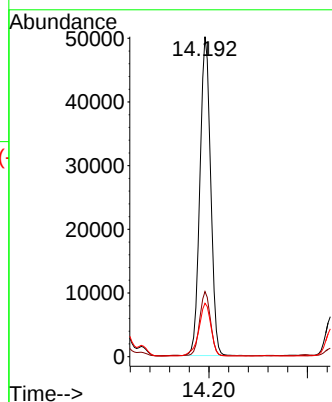
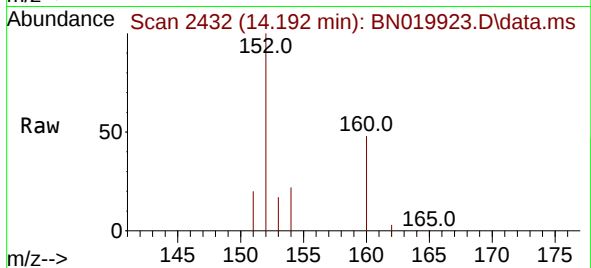
Tgt Ion:152 Resp: 75505

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 16.7 11.1 16.7#



#11

Acenaphthene

Concen: 23.797 ng/ul

RT: 14.539 min Scan# 2507

Delta R.T. 0.001 min

Lab File: BN019923.D

Acq: 24 May 2022 14:33

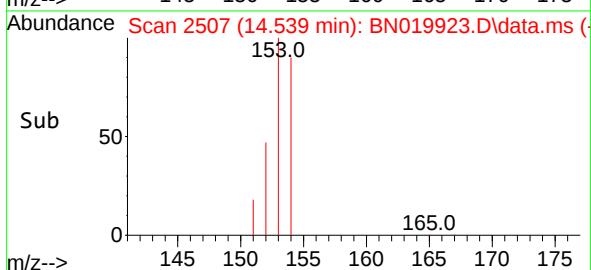
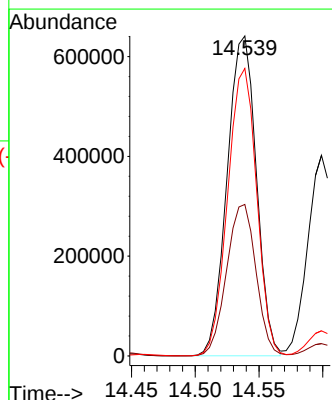
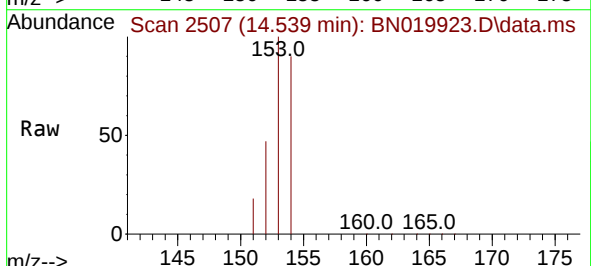
Tgt Ion:153 Resp: 1023728

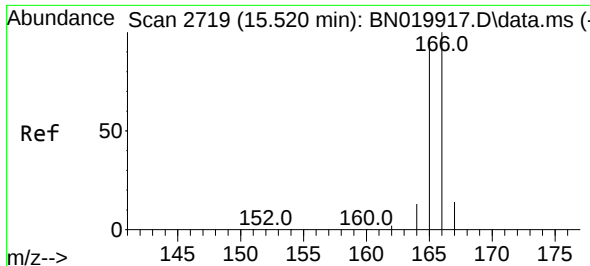
Ion Ratio Lower Upper

153 100

152 47.4 38.6 57.8

154 89.9 71.2 106.8

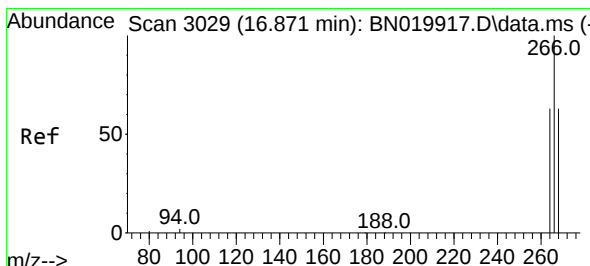
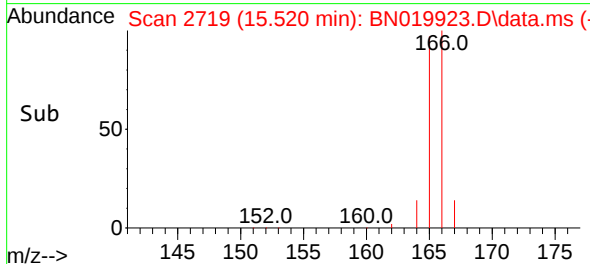
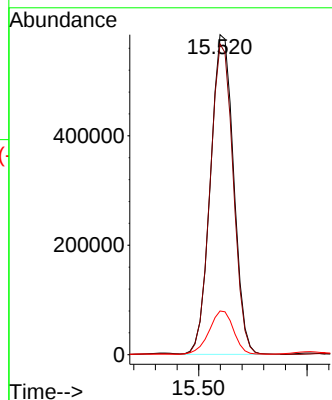
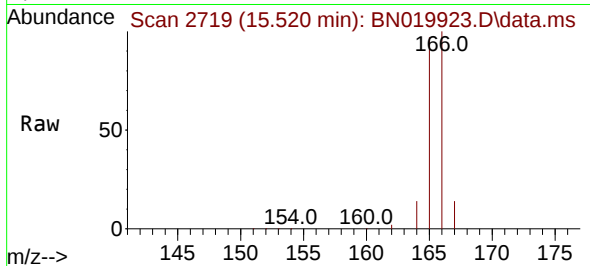




#12
Fluorene
Concen: 18.010 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

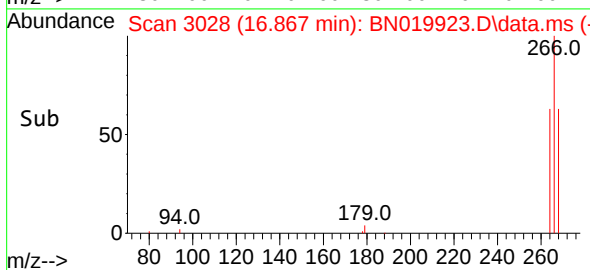
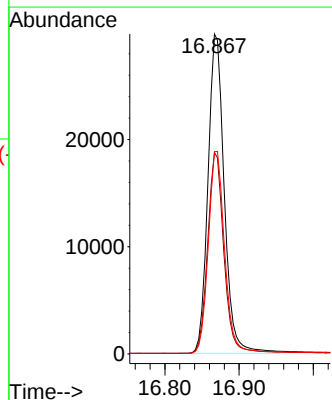
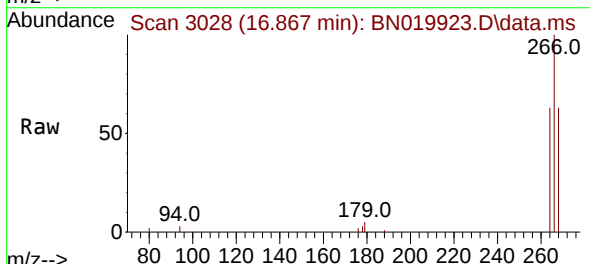
Instrument :
BNA_N
ClientSampleId :
DBTH0

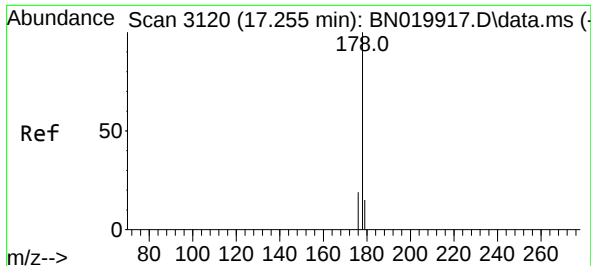
Tgt Ion:166 Resp: 866378
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 13.218 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

Tgt Ion:266 Resp: 45468
Ion Ratio Lower Upper
266 100
264 62.6 44.9 67.3
268 63.6 44.6 67.0

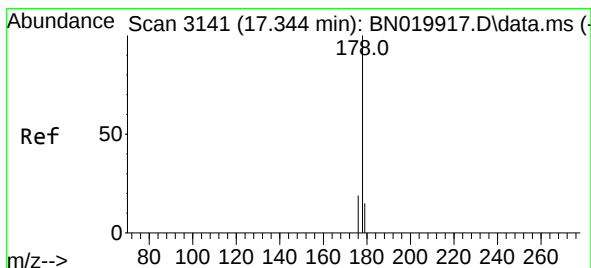
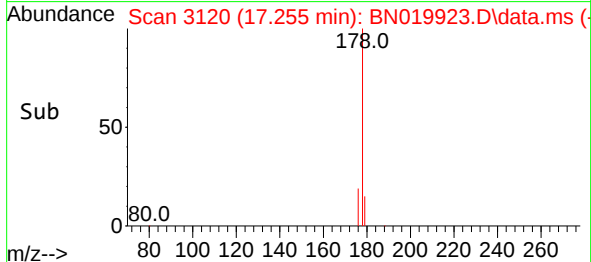
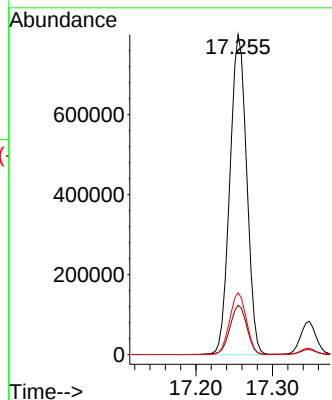
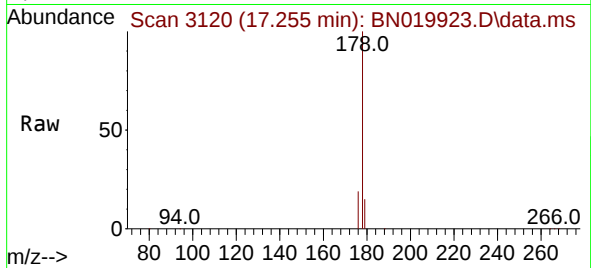




#15
Phenanthrene
Concen: 16.773 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

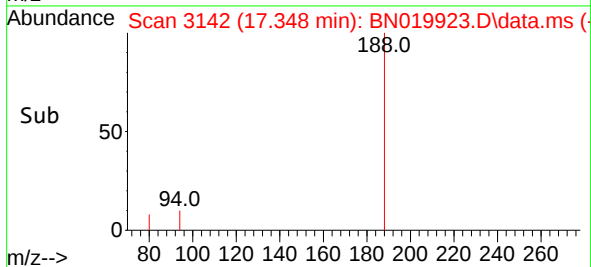
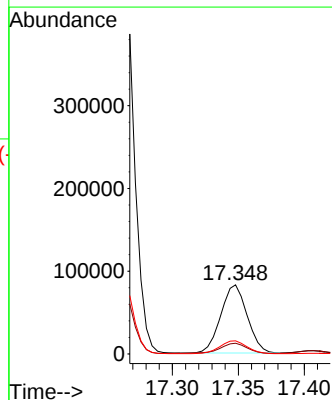
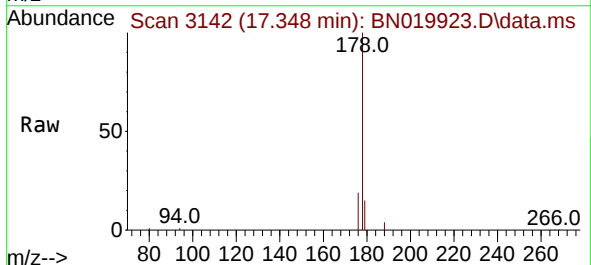
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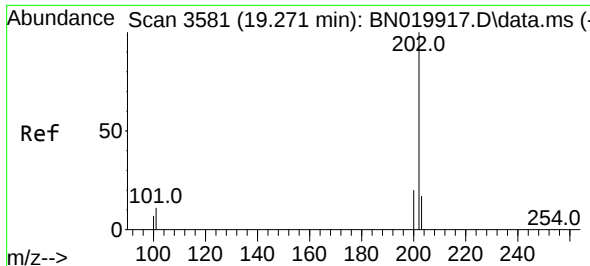
Tgt Ion:178 Resp: 1218166
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 1.679 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

Tgt Ion:178 Resp: 114337
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.0 15.3 22.9

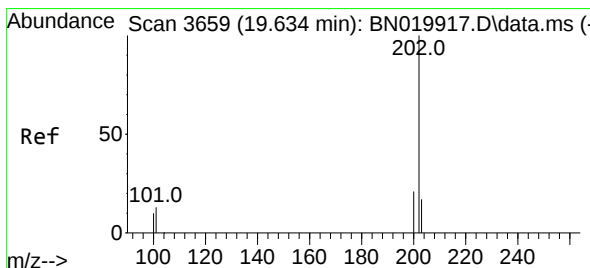
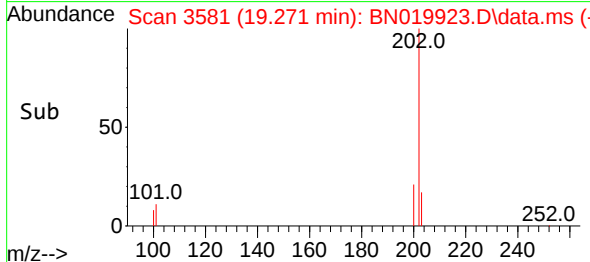
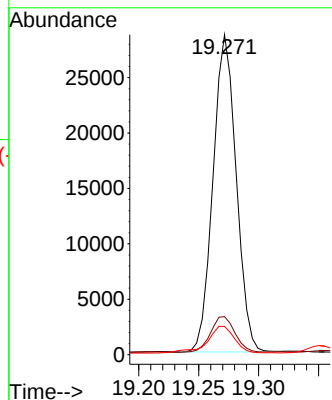
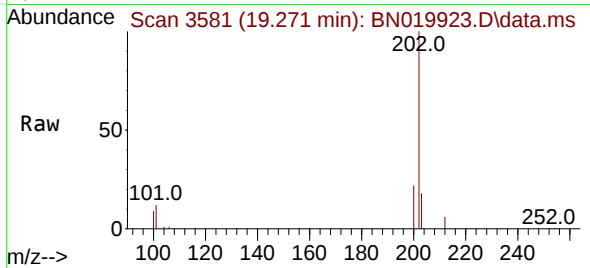




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

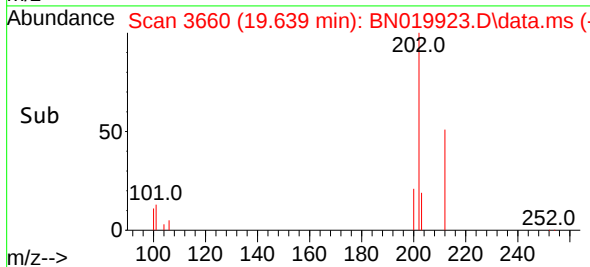
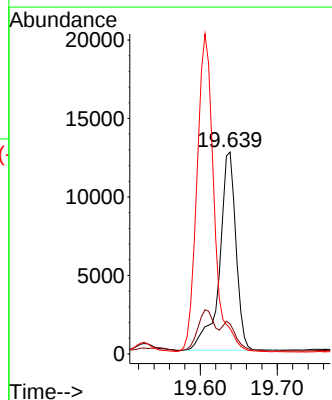
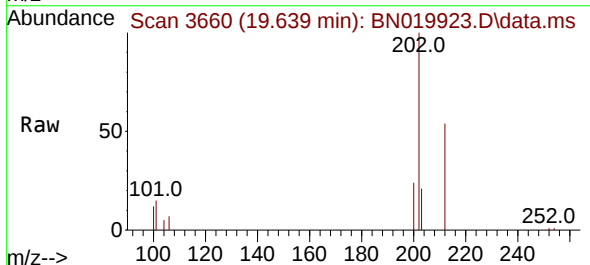
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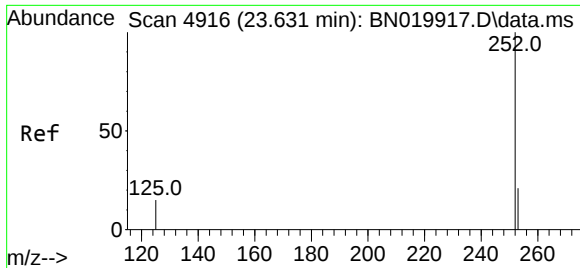
Tgt Ion:202 Resp: 38522
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.8 7.4 11.2



#20
Pyrene
Concen: 0.221 ng/ul
RT: 19.639 min Scan# 3660
Delta R.T. 0.002 min
Lab File: BN019923.D
Acq: 24 May 2022 14:33

Tgt Ion:202 Resp: 18752
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 12.5 9.0 13.4





#26

Benzo(a)pyrene

Concen: 0.074 ng/ul

RT: 23.595 min Scan# 4904

Delta R.T. -0.044 min

Lab File: BN019923.D

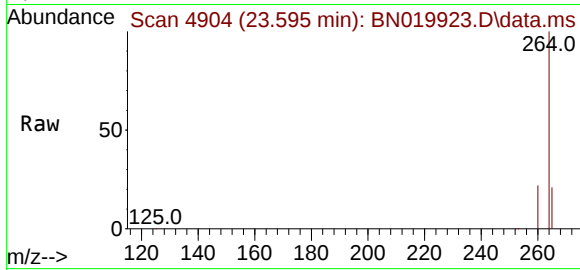
Acq: 24 May 2022 14:33

Instrument :

BNA_N

ClientSampleId :

DBTH0



Tgt Ion:252 Resp: 3933

Ion Ratio Lower Upper

252 100

253 45.0 23.4 35.0#

125 45.2 28.3 42.5#

