

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012181.D
 Acq On : 14 Oct 2020 04:28
 Operator : CG/JU
 Sample : L4359-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7N9

Quant Time: Oct 14 06:07:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 05:54:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	287061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1159392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	719426	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1561141	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1495340	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1563907	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	36547	5.63	ng/uL	0.00
5) Phenol-d5	6.81	99	120090	4.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	293653	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	339470	17.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	228062	11.38	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	187864	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	218706	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	405863	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	438811	18.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1414264	24.01	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1639368	23.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	36398	3.31	ng/ul	0.01
58) Fluorene-d10	15.27	176	1157104	22.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	96900	9.37	ng/ul	0.00
71) Anthracene-d10	17.12	188	1861481	24.36	ng/ul	0.00
79) Pyrene-d10	19.42	212	2010441	25.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	2186134	24.77	ng/ul	0.00

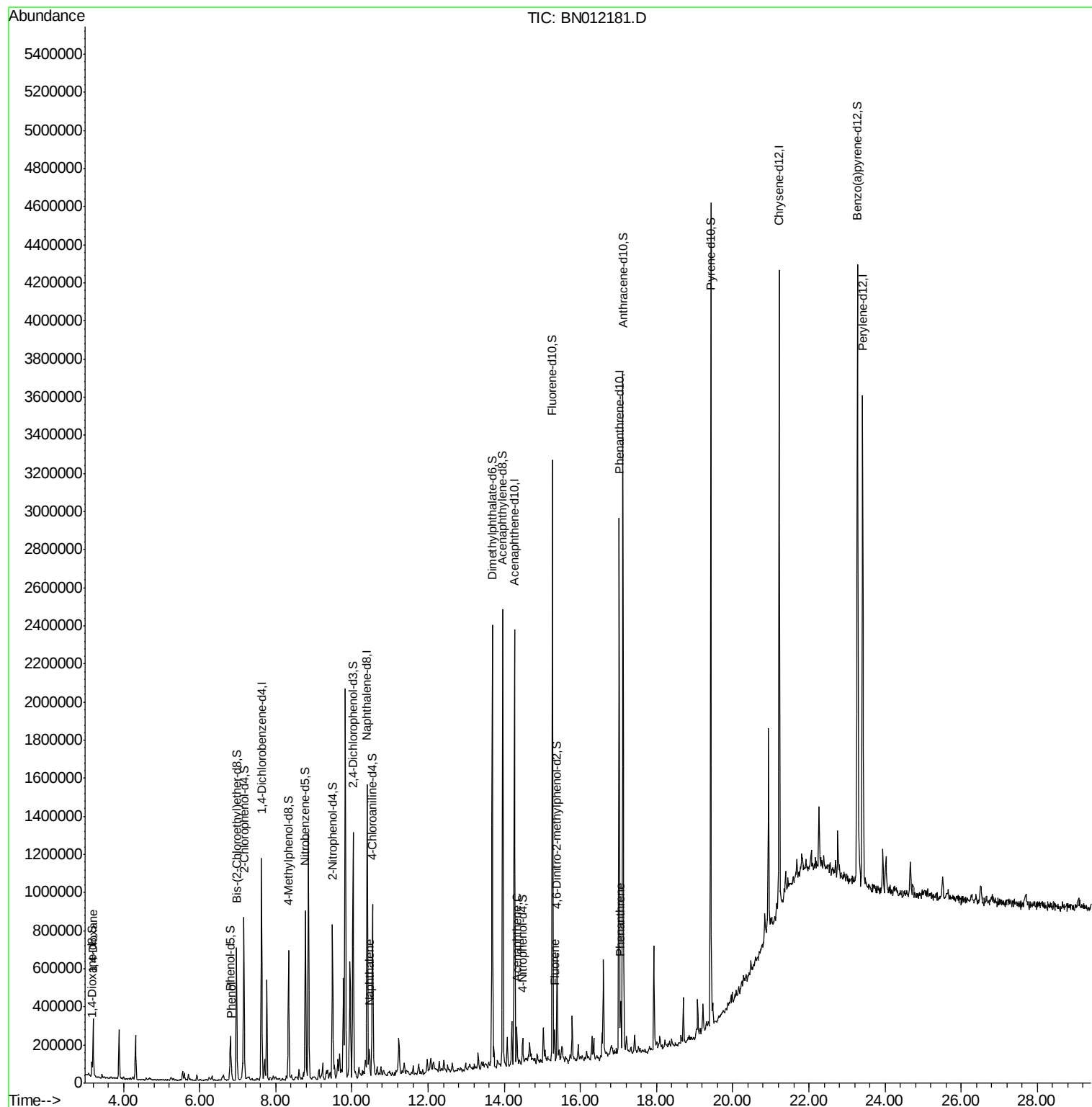
Target Compounds					Ovalue	
2) 1,4-Dioxane	3.20	88	156573	21.305	ng/uL	99
6) Phenol	6.83	94	26612	1.019	ng/ul#	87
28) Naphthalene	10.45	128	81404	1.199	ng/ul#	96
50) Acenaphthene	14.33	153	78837	1.539	ng/ul	98
59) Fluorene	15.32	166	68081	1.135	ng/ul#	98
70) Phenanthrene	17.06	178	143474	1.506	ng/ul	99

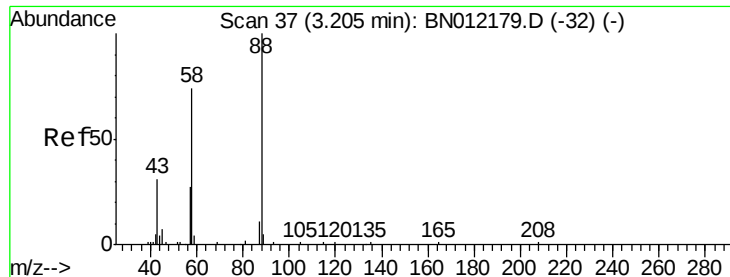
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 21.305 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. -0.00 min

Lab File: BN012181.D

Acq: 14 Oct 2020 04:28

Instrument :

BNA_N

ClientSampleId :

CB7N9

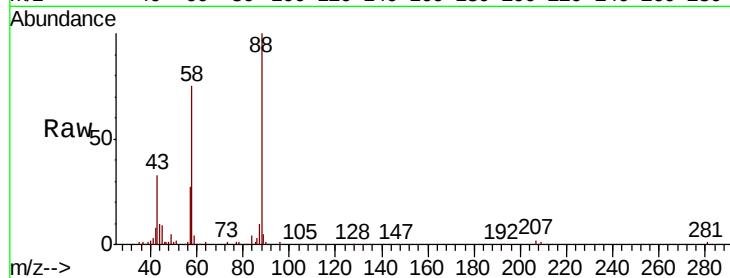
Tot Ion: 88 Resp: 156573

Ion Ratio Lower Upper

88 100

43 33.4 26.5 39.7

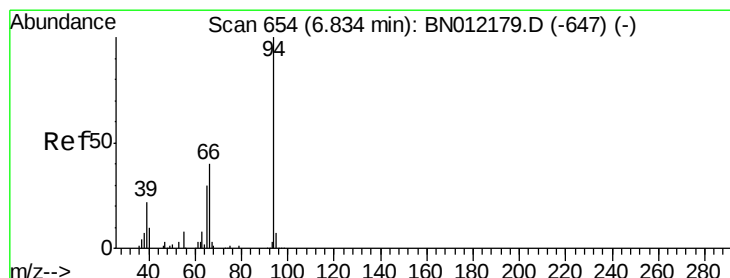
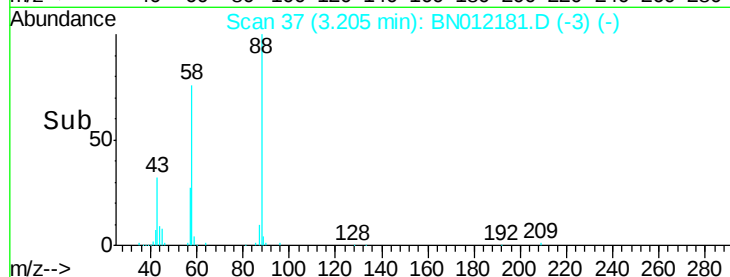
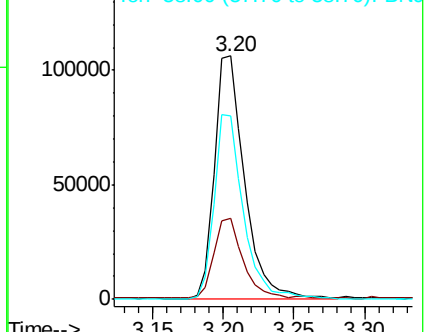
58 75.5 61.0 91.4



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#6

Phenol

Concen: 1.019 ng/uL

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN012181.D

Acq: 14 Oct 2020 04:28

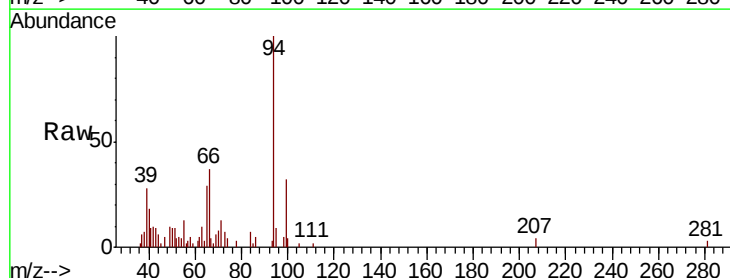
Tgt Ion: 94 Resp: 26612

Ion Ratio Lower Upper

94 100

65 29.2 26.8 40.2

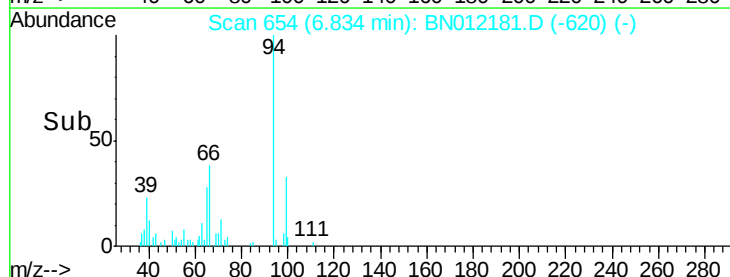
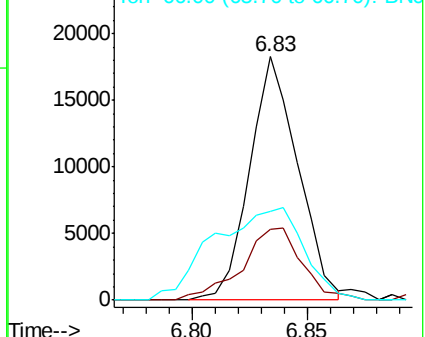
66 36.6 37.9 56.9#

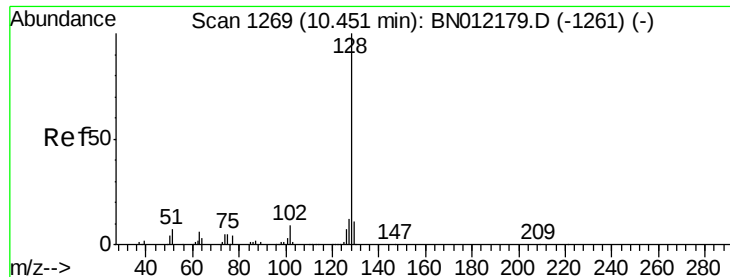


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

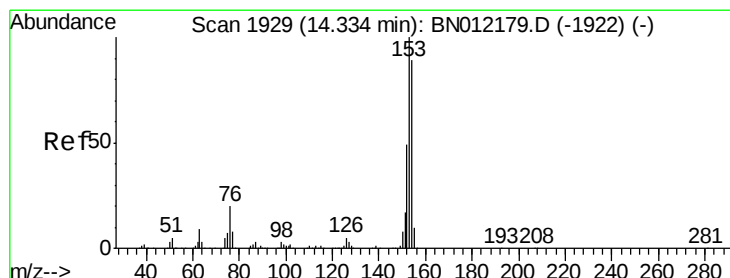
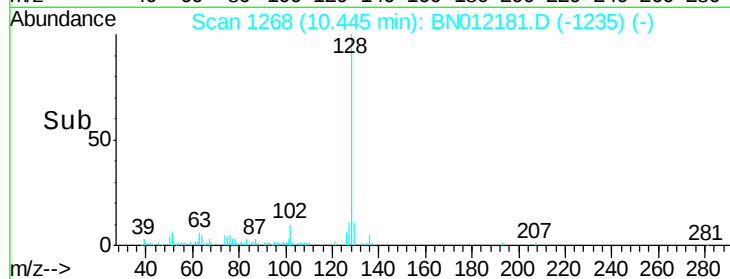
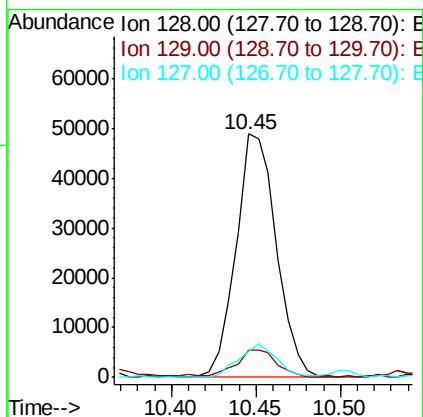
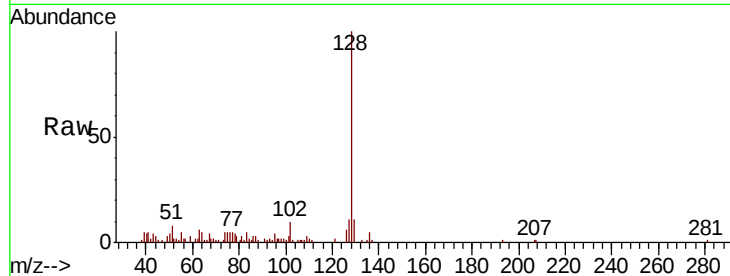




#28
Naphthalene
Concen: 1.199 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN012181.D
Acq: 14 Oct 2020 04:28

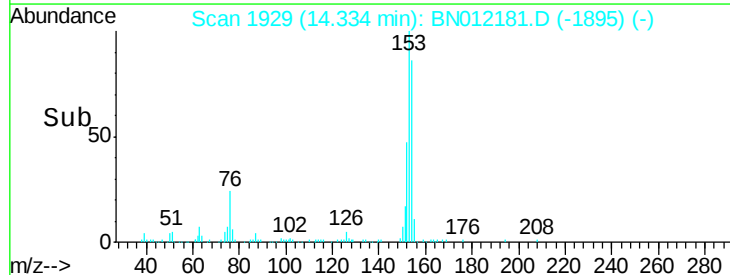
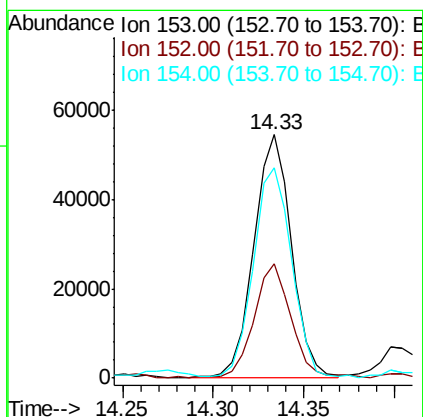
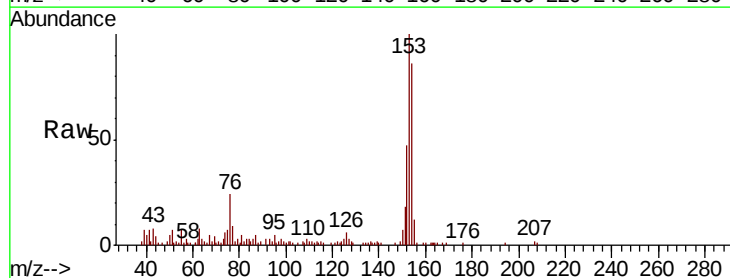
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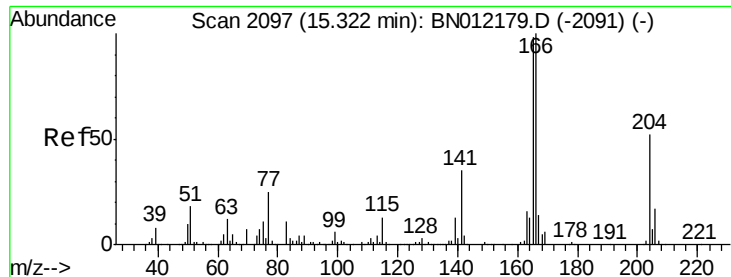
Tot Ion:128 Resp: 81404
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 10.7 10.7 16.1#



#50
Acenaphthene
Concen: 1.539 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN012181.D
Acq: 14 Oct 2020 04:28

Tgt Ion:153 Resp: 78837
Ion Ratio Lower Upper
153 100
152 47.2 35.9 53.9
154 86.4 70.2 105.2





#59

Fluorene

Concen: 1.135 ng/ul

RT: 15.32 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN012181.D

Acq: 14 Oct 2020 04:28

Instrument :

BNA_N

ClientSampleId :

CB7N9

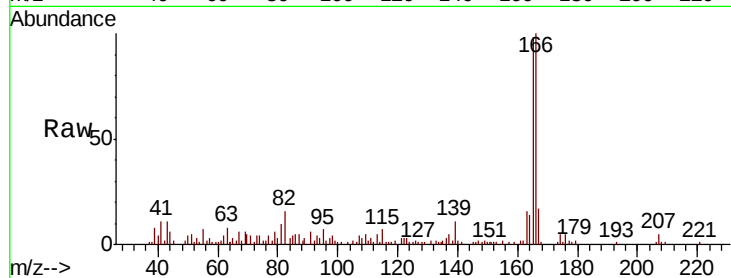
Tot Ion:166 Resp: 68081

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

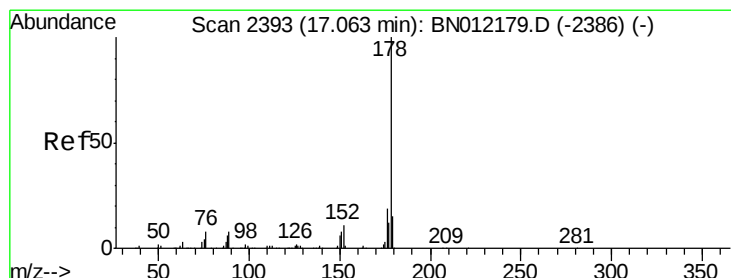
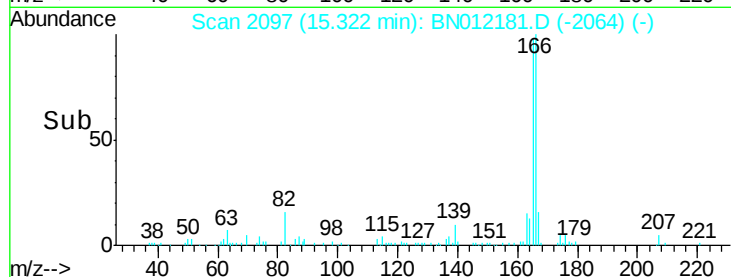
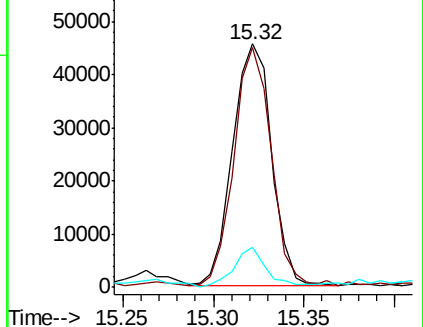
167 16.7 10.5 15.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 1.506 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BN012181.D

Acq: 14 Oct 2020 04:28

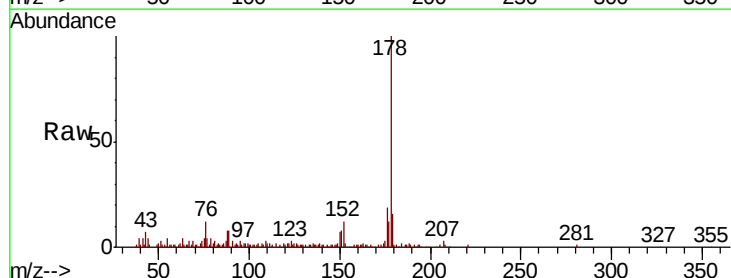
Tgt Ion:178 Resp: 143474

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 18.7 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

