

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010399.D
 Acq On : 02 Apr 2020 19:08
 Operator : CG/JU
 Sample : L2095-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF17

Quant Time: Apr 03 01:04:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 03 00:43:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	458744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1897967	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1331066	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3208166	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3699366	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4034200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	12627	1.30	ng/uL	0.00
5) Phenol-d5	6.79	99	291855	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	580586	28.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	827690	27.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	549259	16.99	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	459783	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	492523	33.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1024731	33.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	936807	25.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3455150	34.40	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3923786	33.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	118147	6.26	ng/ul	0.00
58) Fluorene-d10	15.23	176	3057762	34.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	167393	9.11	ng/ul	0.00
71) Anthracene-d10	17.08	188	4996857	33.92	ng/ul	0.00
79) Pyrene-d10	19.38	212	5925879	31.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	7110764	35.43	ng/ul	0.00

Target Compounds

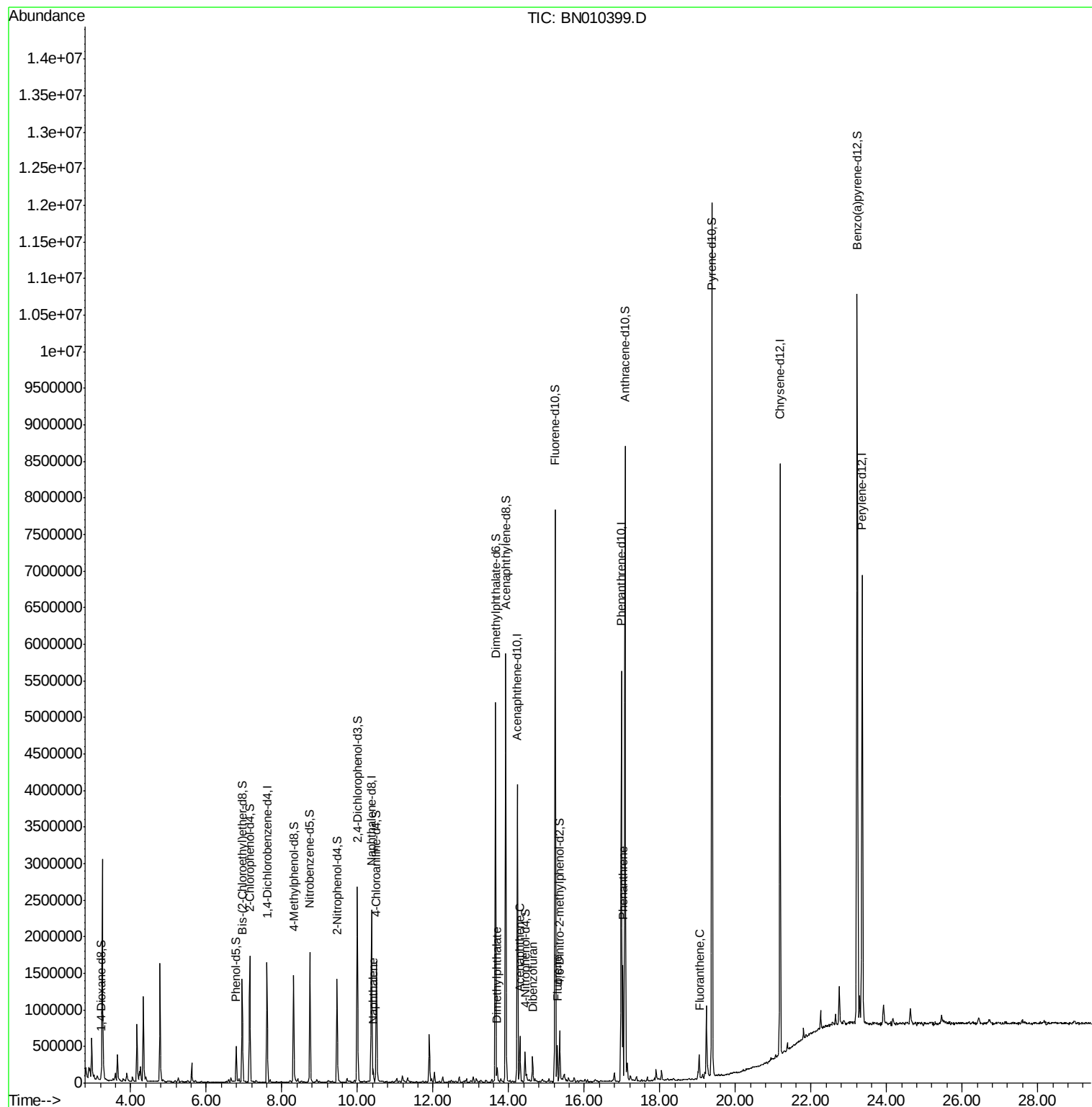
					Ovalue
28) Naphthalene	10.42	128	153182	1.500 ng/ul	97
45) Dimethylphthalate	13.70	163	116259	1.121 ng/ul	100
50) Acenaphthene	14.30	153	246552	2.836 ng/ul	98
54) Dibenzofuran	14.63	168	206937	1.690 ng/ul	94
59) Fluorene	15.29	166	197907	1.986 ng/ul	100
70) Phenanthrene	17.02	178	913631	5.139 ng/ul	98
77) Fluoranthene	19.05	202	190629	1.007 ng/ul	98

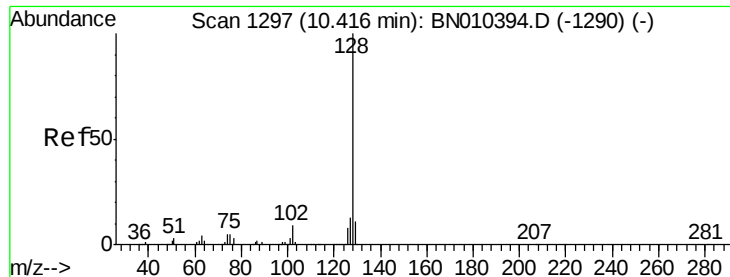
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 1.500 ng/ul

RT: 10.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BN010399.D

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BNA_N

ClientSampleId :

DBF17

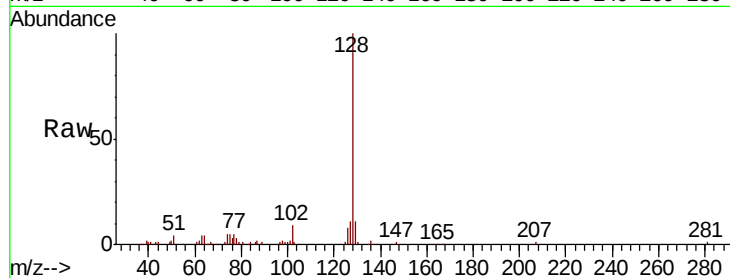
Tot Ion:128 Resp: 153182

Ion Ratio Lower Upper

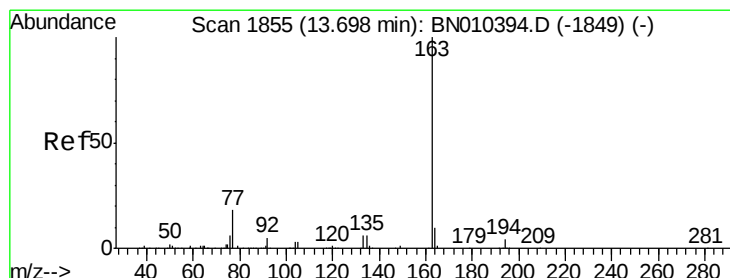
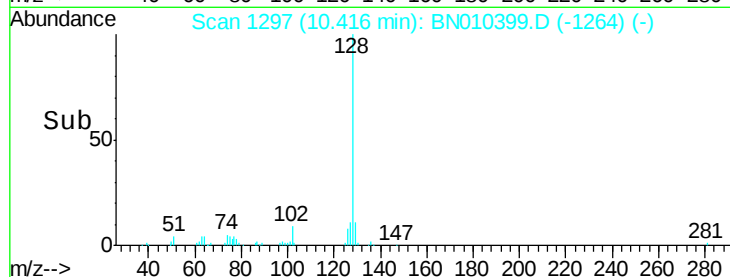
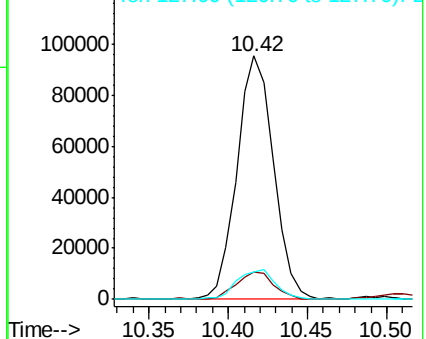
128 100

129 11.0 8.6 13.0

127 11.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 1.121 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN010399.D

Acq: 02 Apr 2020 19:08

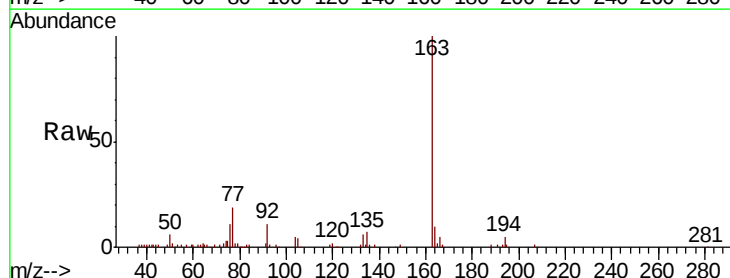
Tgt Ion:163 Resp: 116259

Ion Ratio Lower Upper

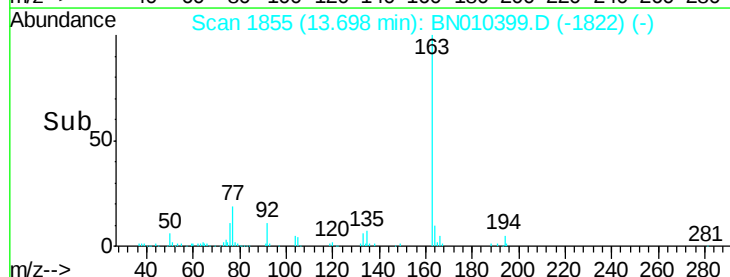
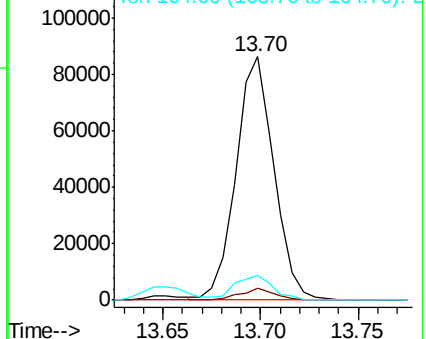
163 100

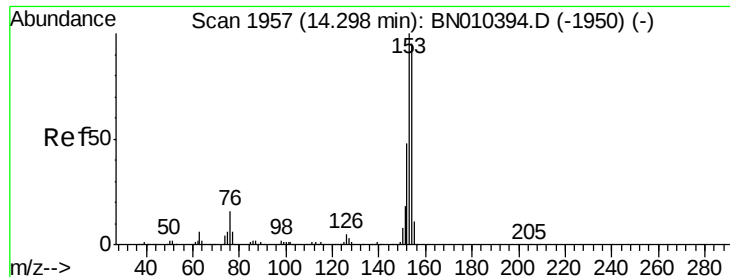
194 4.7 3.7 5.5

164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 2.836 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN010399.D

Acq: 02 Apr 2020 19:08

Instrument :

BNA_N

ClientSampleId :

DBF17

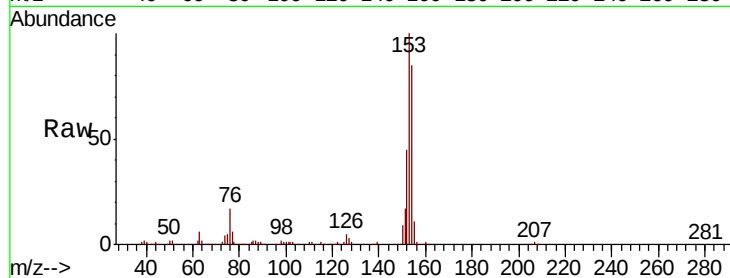
Tot Ion:153 Resp: 246552

Ion Ratio Lower Upper

153 100

152 44.6 37.8 56.6

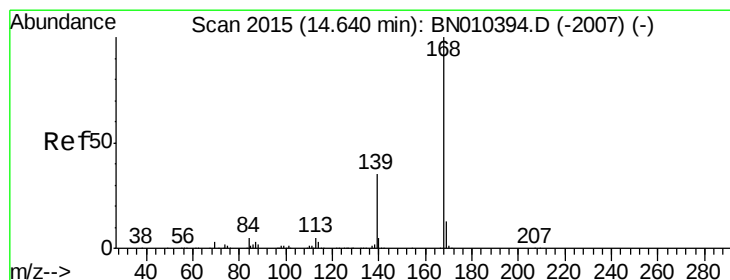
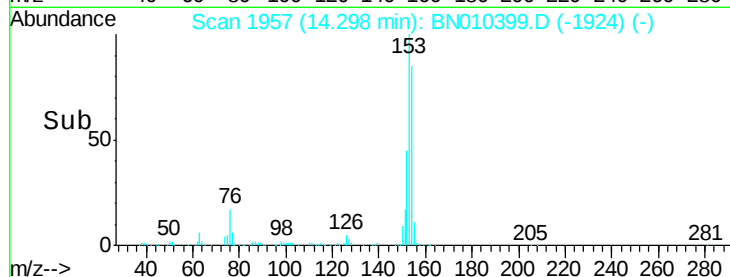
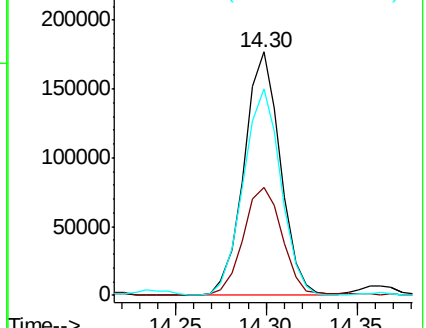
154 84.8 69.1 103.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.690 ng/ul

RT: 14.63 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BN010399.D

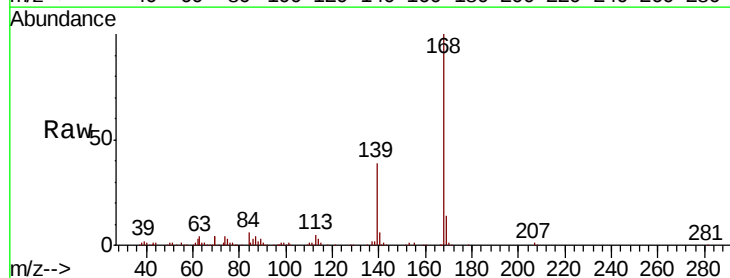
Acq: 02 Apr 2020 19:08

Tgt Ion:168 Resp: 206937

Ion Ratio Lower Upper

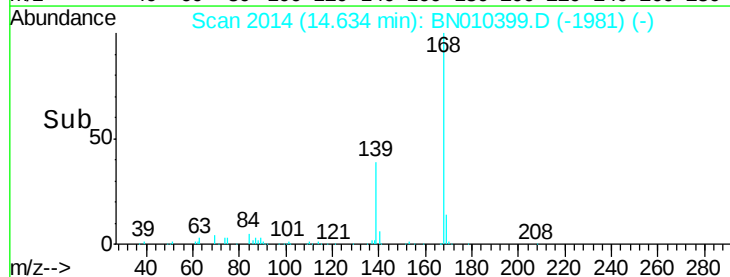
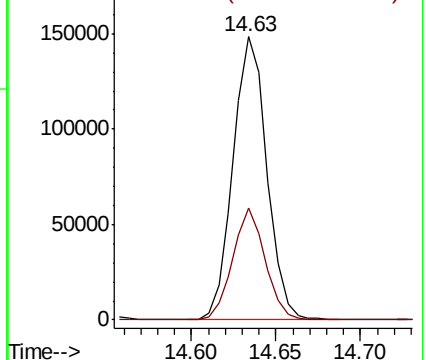
168 100

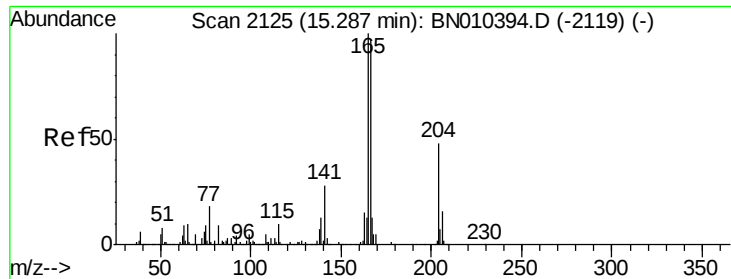
139 39.5 29.0 43.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

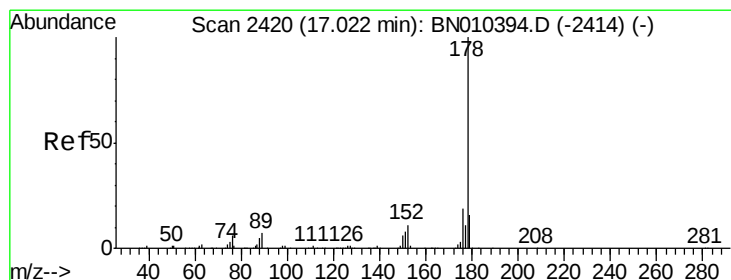
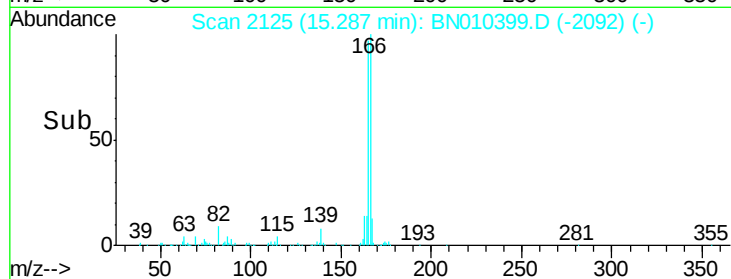
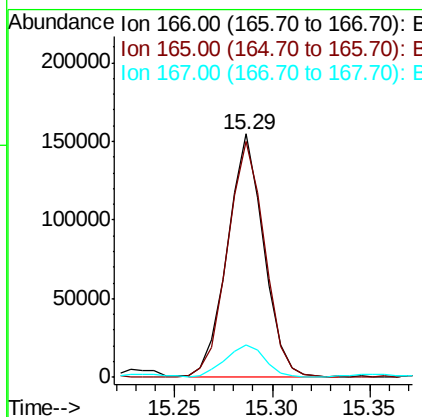
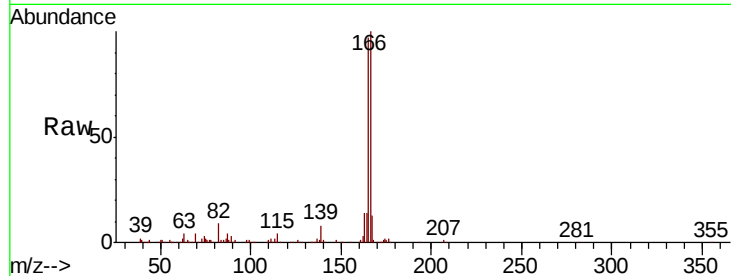




#59
 Fluorene
 Concen: 1.986 ng/ul
 RT: 15.29 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BN010399.D
 Acq: 02 Apr 2020 19:08

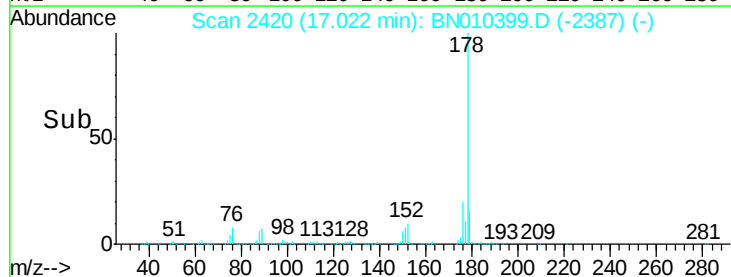
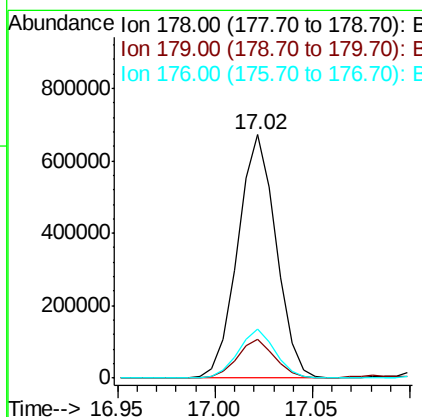
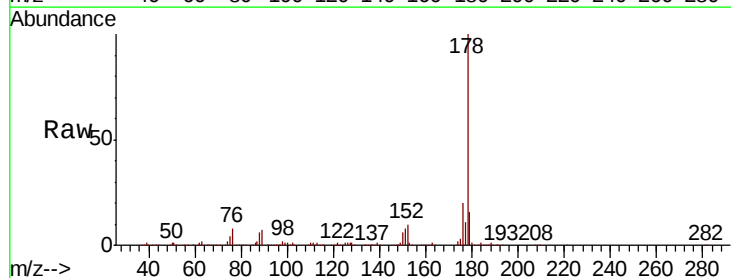
Instrument :
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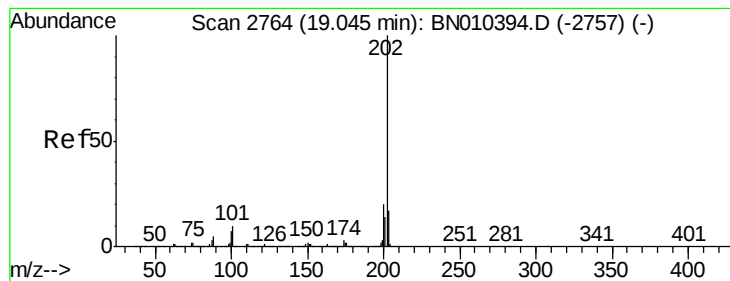
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.6	116.4
167	13.4	10.7	16.1



#70
 Phenanthrene
 Concen: 5.139 ng/ul
 RT: 17.02 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN010399.D
 Acq: 02 Apr 2020 19:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.9	17.9
176	20.1	15.4	23.2





#77

Fluoranthene

Concen: 1.007 ng/ul

RT: 19.05 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN010399.D

Acq: 02 Apr 2020 19:08

Instrument :

BNA_N

ClientSampleId :

DBF17

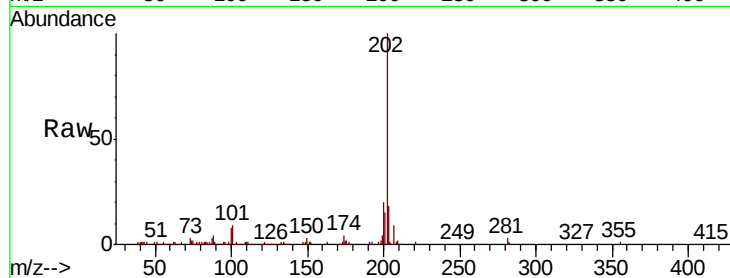
Tot Ion: 202 Resp: 190629

Ion Ratio Lower Upper

202 100

101 9.2 8.1 12.1

100 8.1 6.2 9.4



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

