

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005461.D
 Acq On : 03 May 2019 20:29
 Operator : JU/SJ
 Sample : K2604-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ94

Quant Time: May 04 00:58:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	288394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1307996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	839763	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1943059	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1753853	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1612007	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	30468	5.10	ng/uL	0.00
5) Phenol-d5	6.78	99	662438	29.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	389864	27.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	543558	31.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	558036	31.52	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	301894	37.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	349264	42.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	603561	32.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	832046	43.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	2075302	34.04	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2520969	33.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	304645	31.65	ng/ul	0.00
57) Fluorene-d10	15.22	176	1778340	34.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	268229	30.69	ng/ul	0.00
70) Anthracene-d10	17.07	188	2757569	33.85	ng/ul	0.00
78) Pyrene-d10	19.39	212	3127850	34.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2498493	35.47	ng/ul	-0.01

Target Compounds

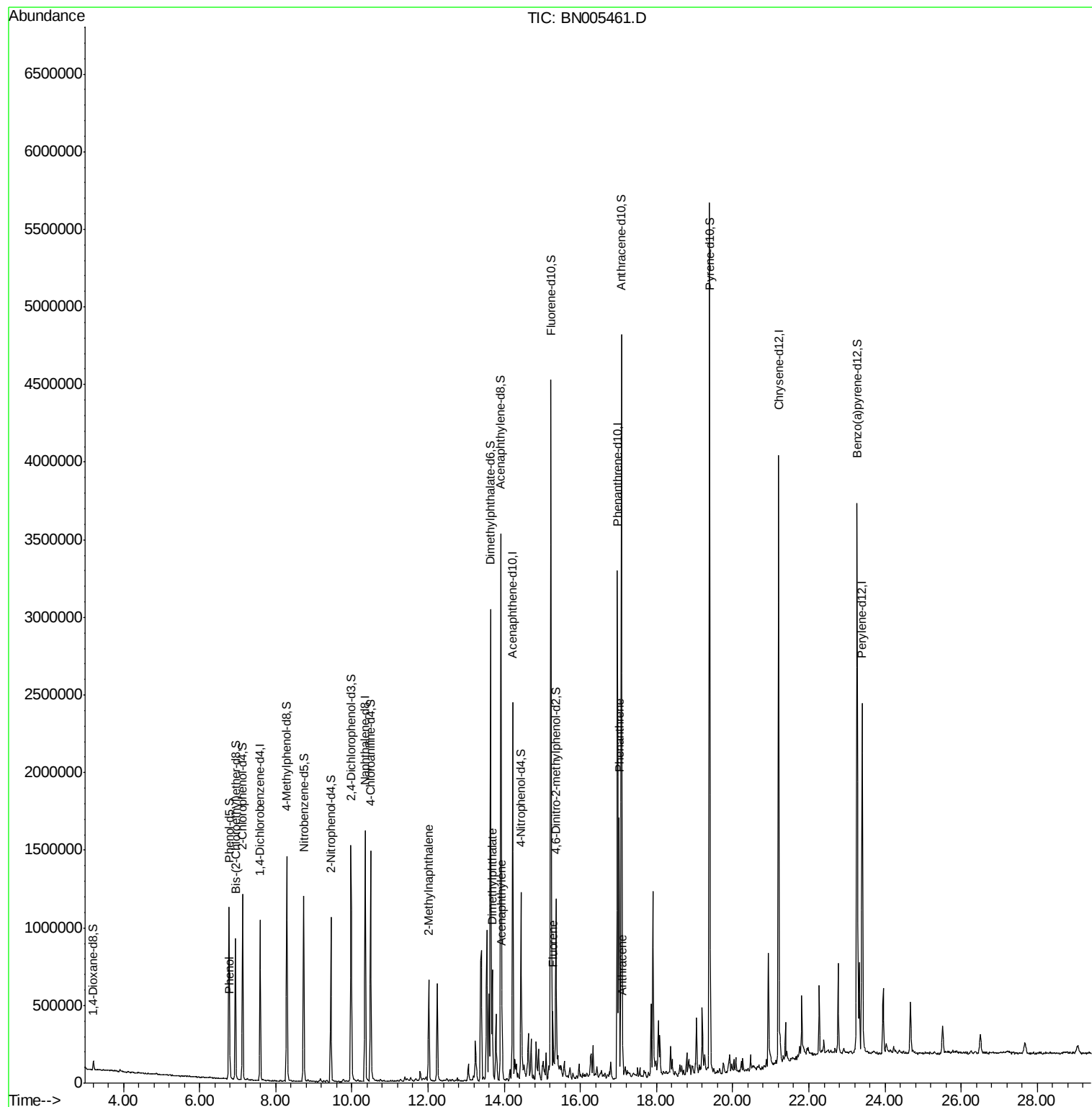
					Qvalue
6) Phenol	6.80	94	33768	1.449 ng/ul	93
34) 2-Methylnaphthalene	12.02	142	331526	7.446 ng/ul	98
44) Dimethylphthalate	13.69	163	375691	6.185 ng/ul	100
47) Acenaphthylene	13.94	152	201415	2.737 ng/ul#	95
58) Fluorene	15.28	166	199197	3.530 ng/ul#	98
69) Phenanthrene	17.02	178	1059762	11.199 ng/ul	99
71) Anthracene	17.11	178	97987	1.016 ng/ul	98

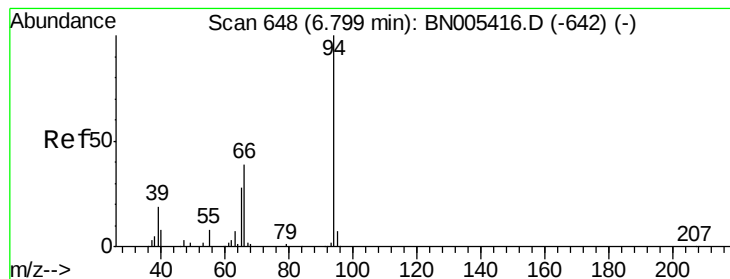
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.449 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005461.D

Acq: 03 May 2019 20:29

Instrument :

BNA_N

ClientSampleId :

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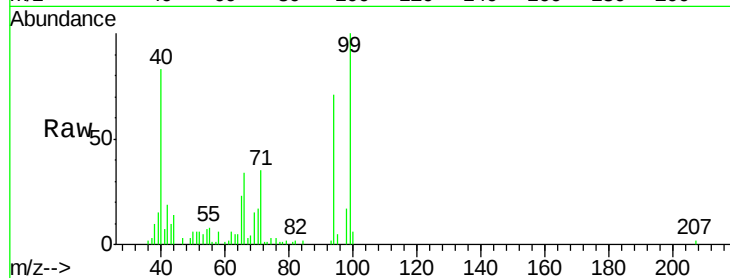
Tgt Ion: 94 Resp: 33768

Ion Ratio Lower Upper

94 100

65 32.2 24.2 36.4

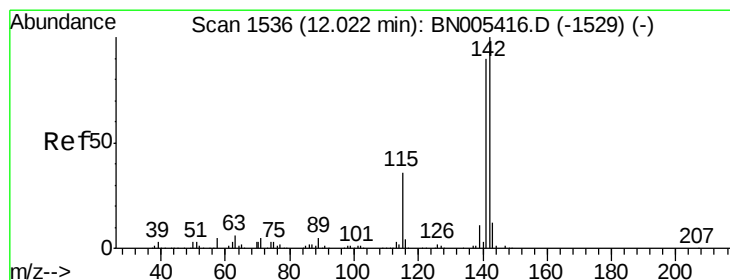
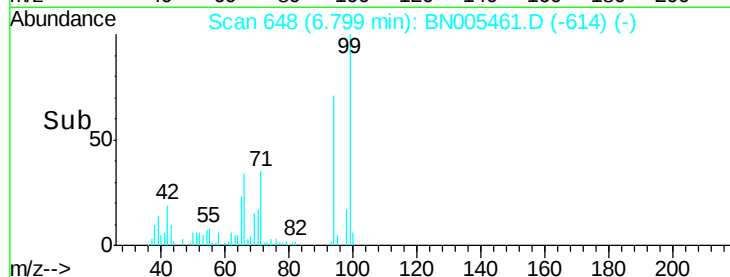
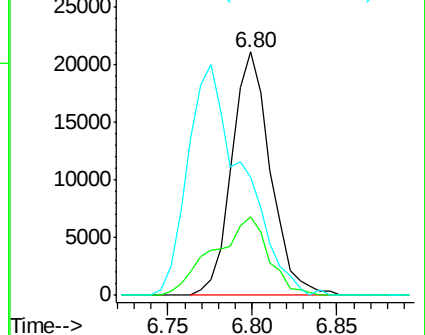
66 48.3 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005416.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BN005416.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BN005416.D (-642) (-)



#34

2-Methylnaphthalene

Concen: 7.446 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BN005461.D

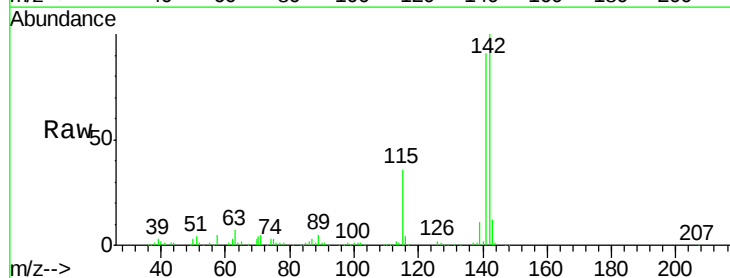
Acq: 03 May 2019 20:29

Tgt Ion: 142 Resp: 331526

Ion Ratio Lower Upper

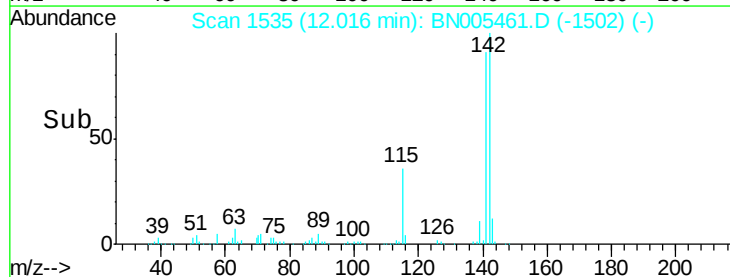
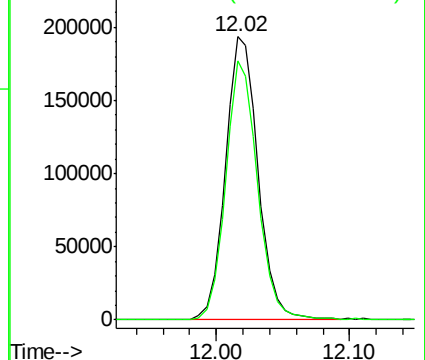
142 100

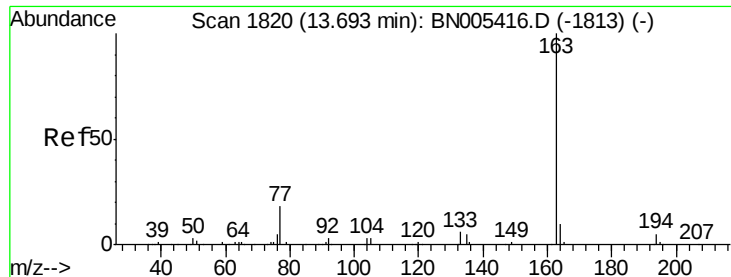
141 91.5 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): BN005416.D (-1529) (-)

Ion 141.00 (140.70 to 141.70): BN005416.D (-1529) (-)





#44

Dimethylphthalate

Concen: 6.185 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005461.D

Acq: 03 May 2019 20:29

Instrument :

BNA_N

ClientSampleId :

GAJ94

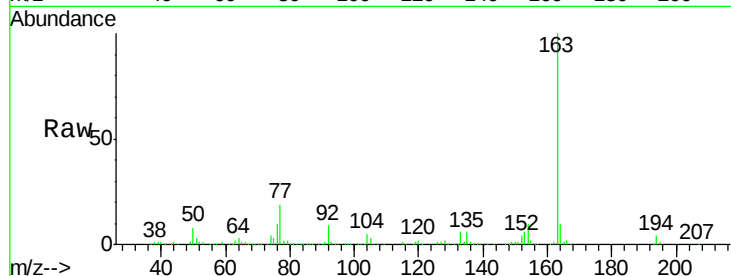
Tgt Ion:163 Resp: 375691

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

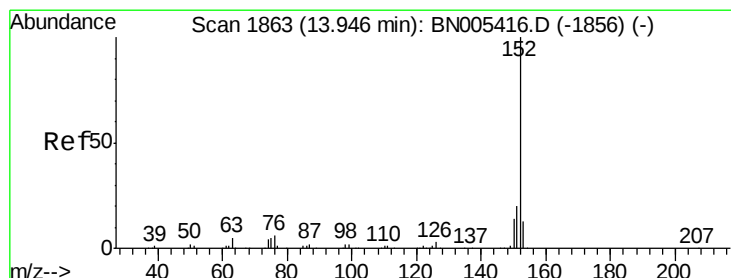
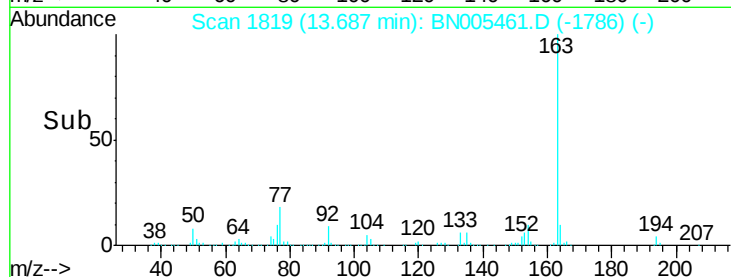
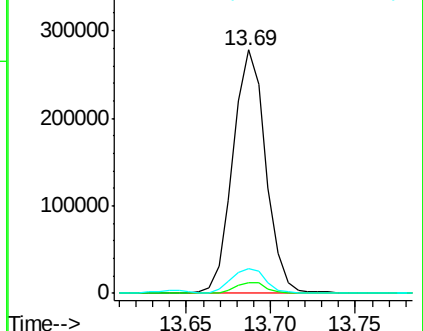
164 10.0 8.1 12.1



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



#47

Acenaphthylene

Concen: 2.737 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005461.D

Acq: 03 May 2019 20:29

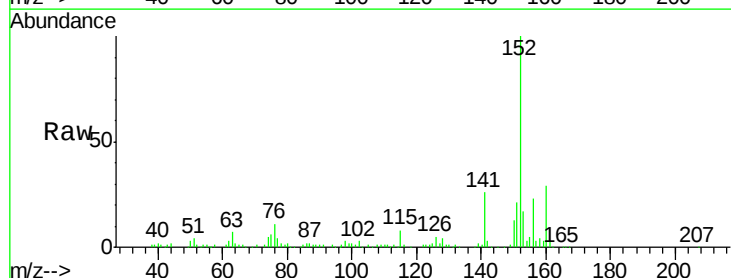
Tgt Ion:152 Resp: 201415

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

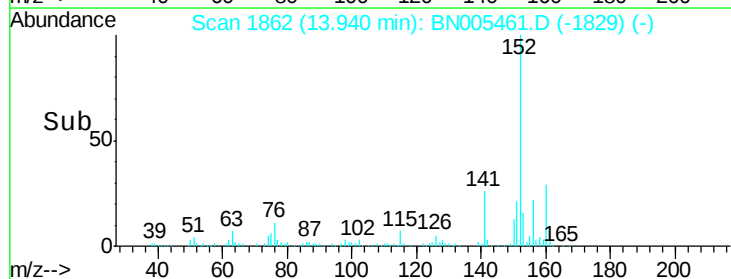
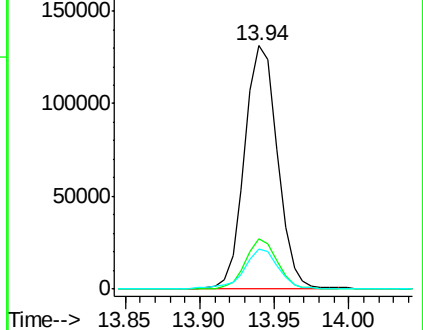
153 16.6 9.8 14.8#

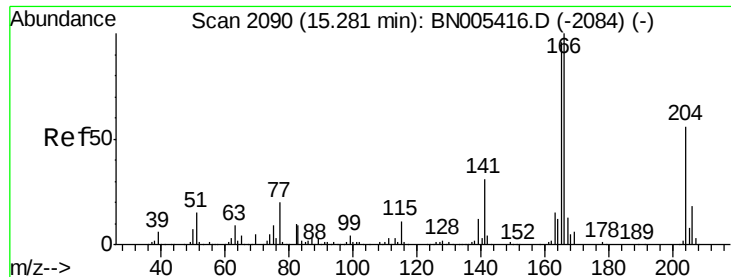


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#58

Fluorene

Concen: 3.530 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BN005461.D

Acq: 03 May 2019 20:29

Instrument :

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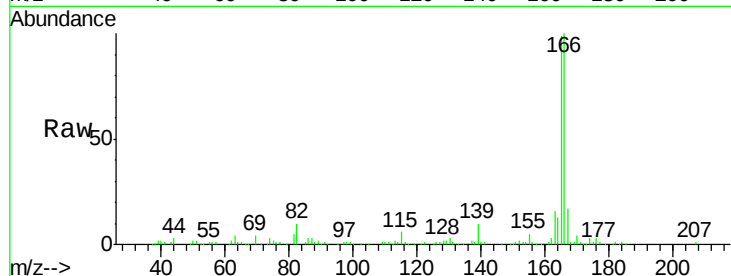
Tgt Ion:166 Resp: 199197

Ion Ratio Lower Upper

166 100

165 99.4 80.0 120.0

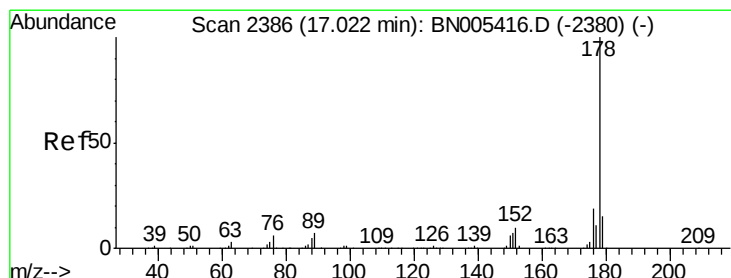
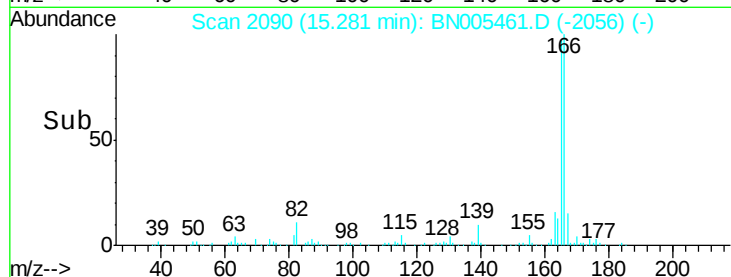
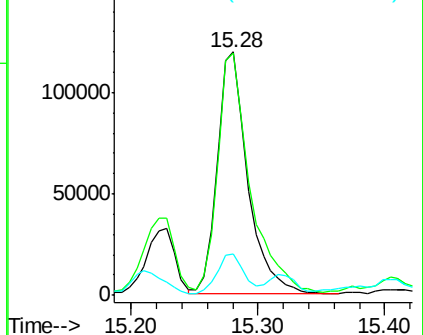
167 17.0 10.7 16.1#



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



#69

Phenanthrene

Concen: 11.199 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN005461.D

Acq: 03 May 2019 20:29

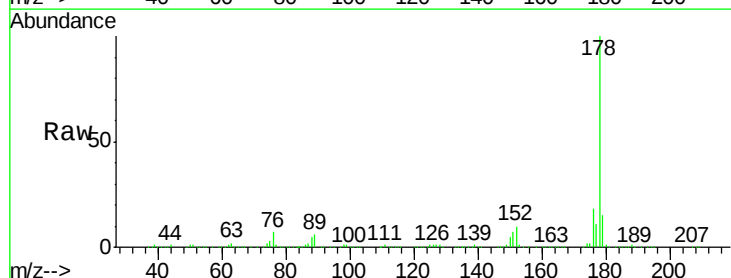
Tgt Ion:178 Resp: 1059762

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

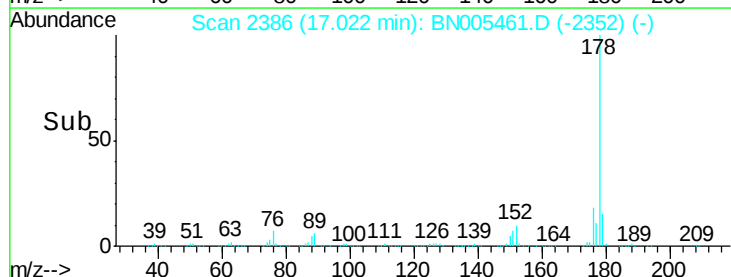
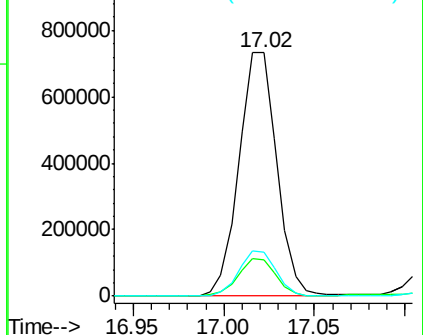
176 18.0 15.1 22.7

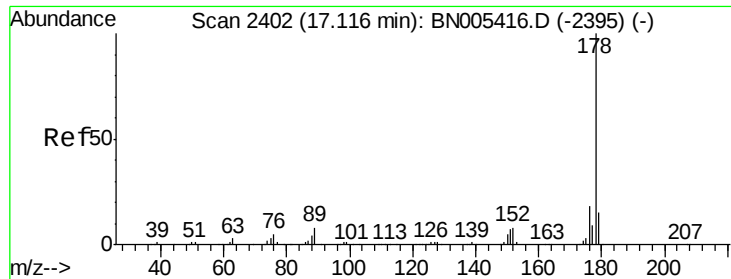


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71
 Anthracene
 Concen: 1.016 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005461.D
 Acq: 03 May 2019 20:29

Instrument :
 BNA_N
 ClientSampleId :
 GAJ94

Tgt Ion:178 Resp: 97987
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 17.5 15.1 22.7

