

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
 Operator : JU/SJ
 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Quant Time: May 04 00:57:29 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	305266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1351885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	868320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2163159	20.00	ng/ul	0.09
77) Chrysene-d12	21.20	240	1770455	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1646131	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	25346	4.01	ng/uL	0.00
5) Phenol-d5	6.78	99	543611	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	318785	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	441011	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	457577	24.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	237142	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	262183	31.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	467565	24.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	640426	32.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1626919	25.81	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1995513	25.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	234234	23.53	ng/ul	0.00
57) Fluorene-d10	15.22	176	1392127	26.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	666	0.07	ng/ul	0.14
70) Anthracene-d10	17.07	188	2184291	24.09	ng/ul	0.00
78) Pyrene-d10	19.39	212	2432293	26.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	1937166	26.93	ng/ul	-0.02

Target Compounds

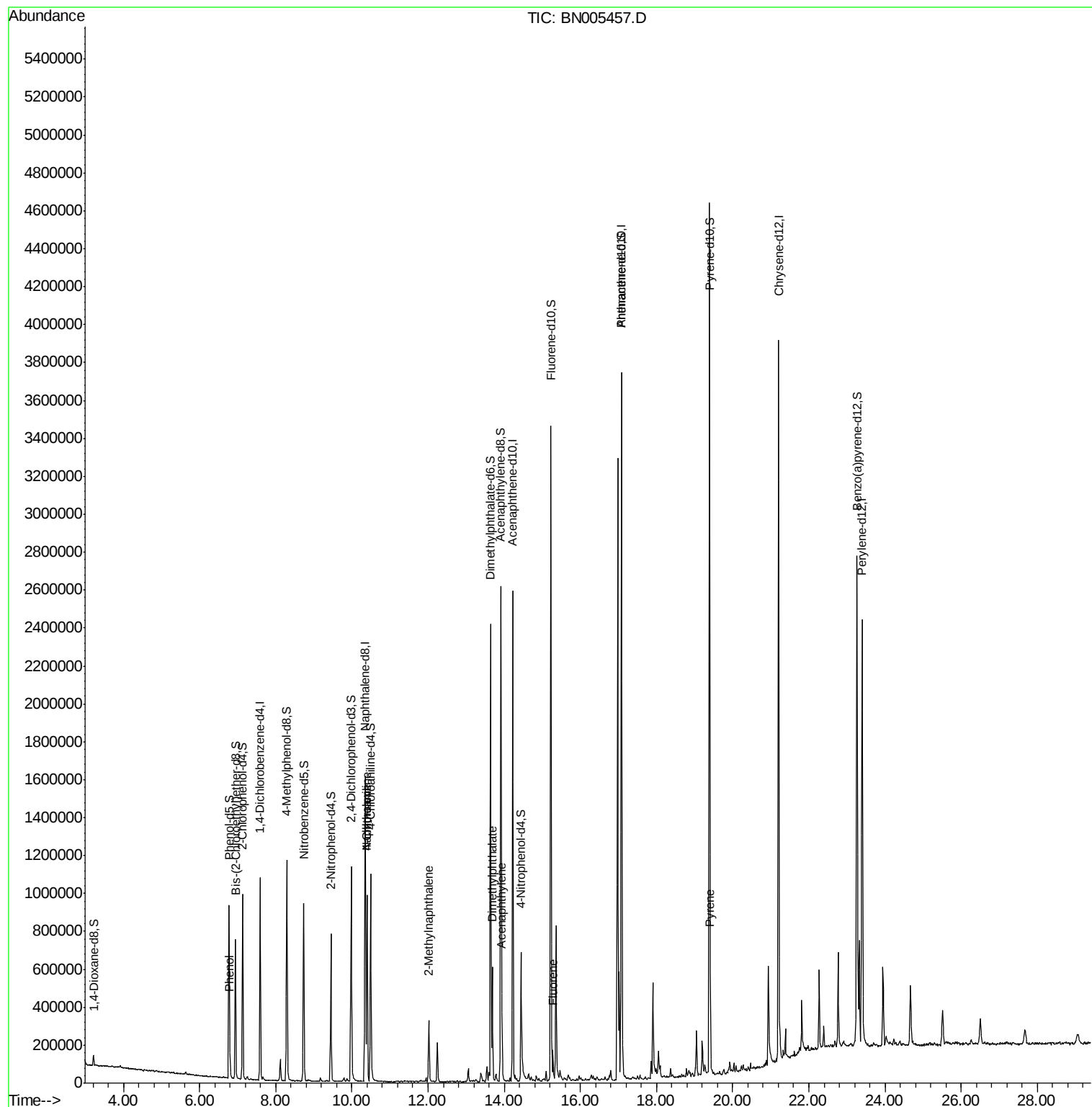
					Qvalue
6) Phenol	6.80	94	37495	1.520 ng/ul	98
28) Naphthalene	10.40	128	779357	12.401 ng/ul	99
30) 4-Chloroaniline	10.40	127	103704	5.106 ng/ul#	9
34) 2-Methylnaphthalene	12.02	142	168931	3.671 ng/ul	99
44) Dimethylphthalate	13.69	163	360389	5.738 ng/ul	100
47) Acenaphthylene	13.94	152	199916	2.628 ng/ul	98
58) Fluorene	15.28	166	71078	1.218 ng/ul	97
79) Pyrene	19.42	202	201183	1.765 ng/ul	96

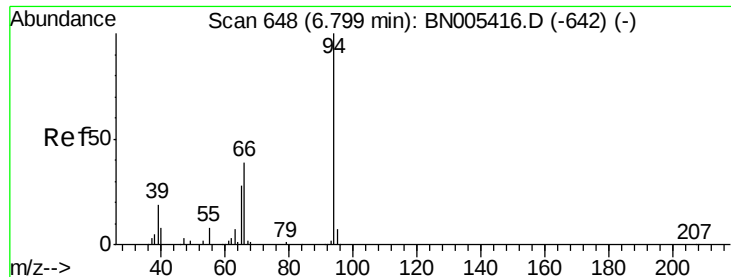
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.520 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Instrument :

BNA_N

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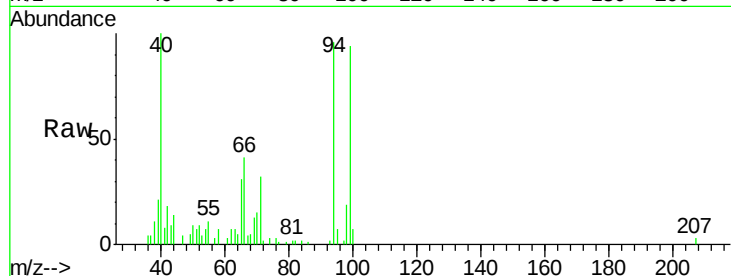
Tgt Ion: 94 Resp: 37495

Ion Ratio Lower Upper

94 100

65 31.9 24.2 36.4

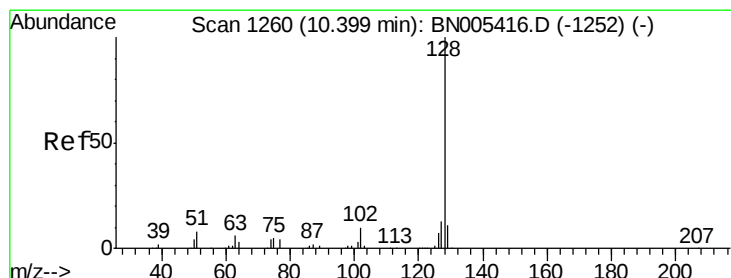
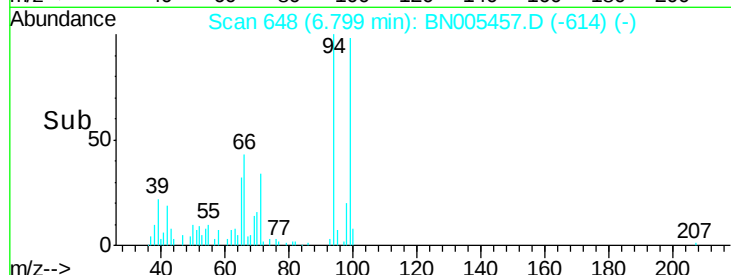
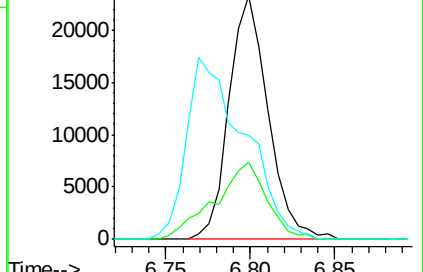
66 42.8 33.8 50.6



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) (-)



#28

Naphthalene

Concen: 12.401 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

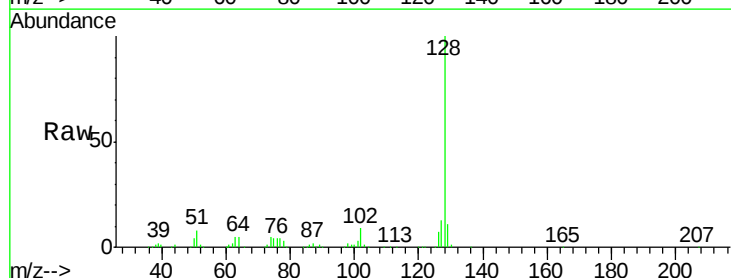
Tgt Ion: 128 Resp: 779357

Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

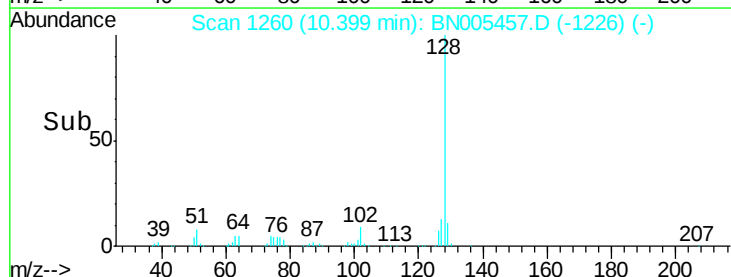
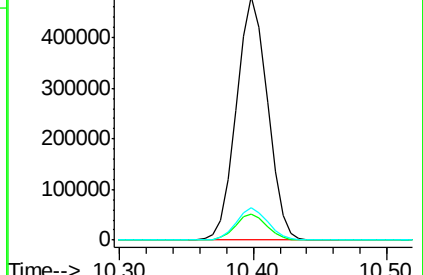
127 13.1 10.7 16.1

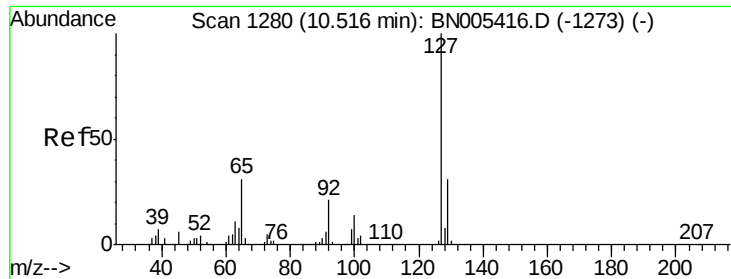


Abundance Ion 128.00 (127.70 to 128.70): BN005416.D (-1252) (-)

Ion 129.00 (128.70 to 129.70): BN005416.D (-1252) (-)

Ion 127.00 (126.70 to 127.70): BN005416.D (-1252) (-)

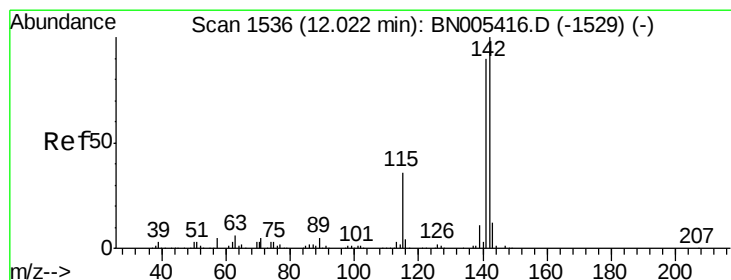
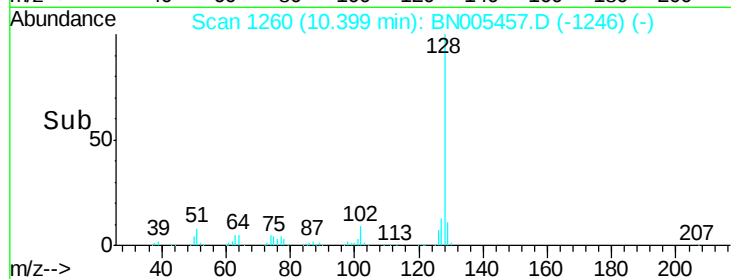
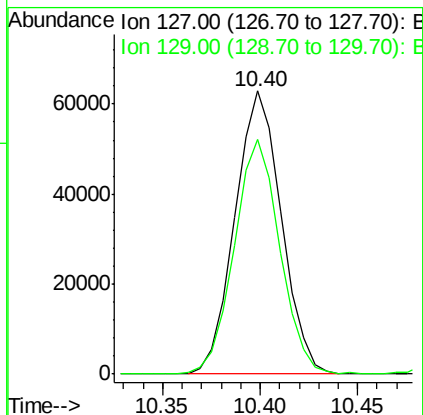
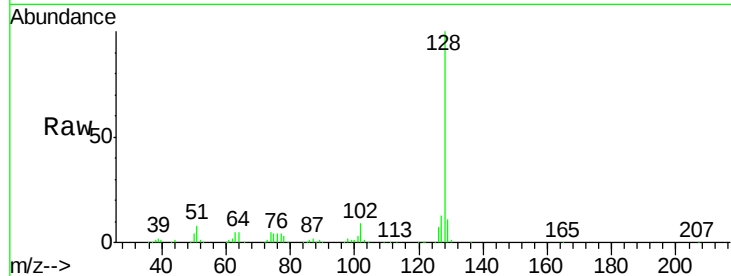




#30
4-Chloroaniline
Concen: 5.106 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BN005457.D
Acq: 03 May 2019 18:11

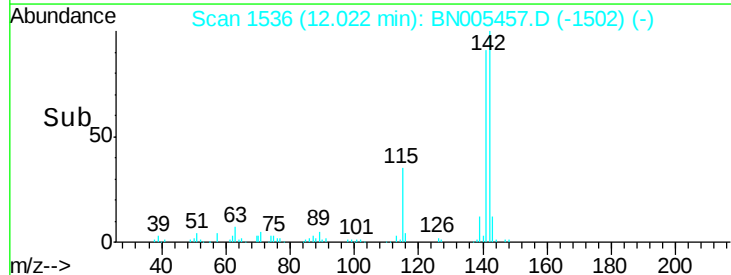
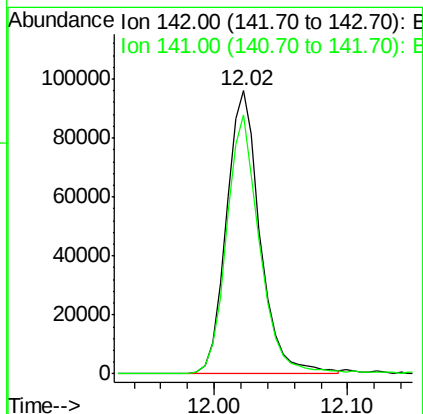
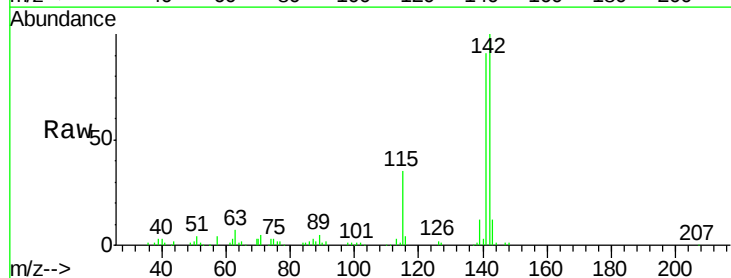
Instrument :
BNA_N
ClientSampleId :
GAJ83

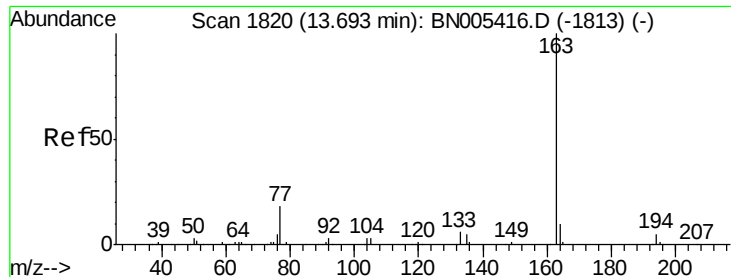
Tgt Ion:127 Resp: 103704
Ion Ratio Lower Upper
127 100
129 82.9 25.8 38.6#



#34
2-Methylnaphthalene
Concen: 3.671 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BN005457.D
Acq: 03 May 2019 18:11

Tgt Ion:142 Resp: 168931
Ion Ratio Lower Upper
142 100
141 91.4 72.0 108.0





#44

Dimethylphthalate

Concen: 5.738 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Instrument :

BNA_N

ClientSampleId :

GAJ83

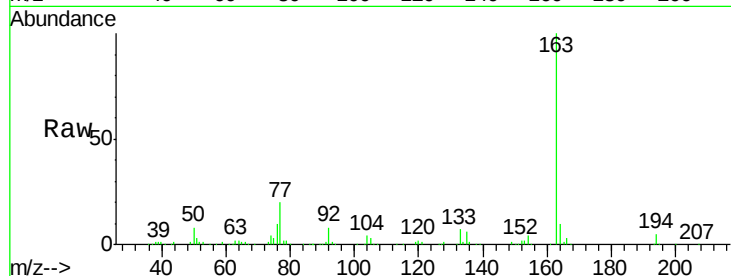
Tgt Ion:163 Resp: 360389

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

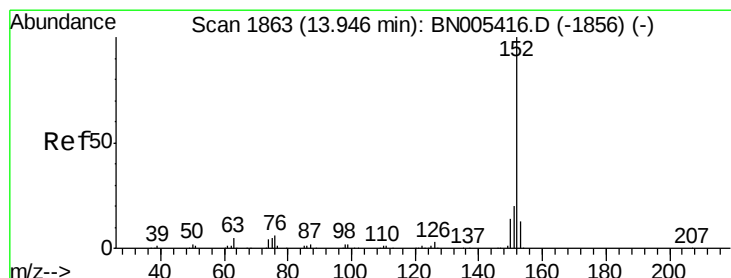
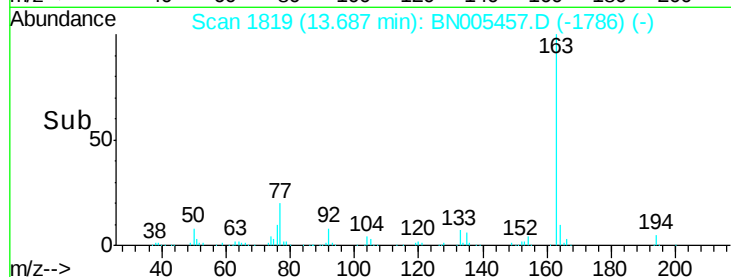
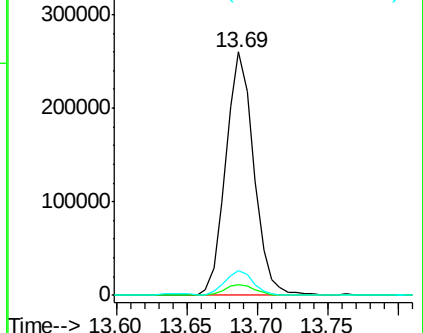
164 10.1 8.1 12.1



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: 2.628 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

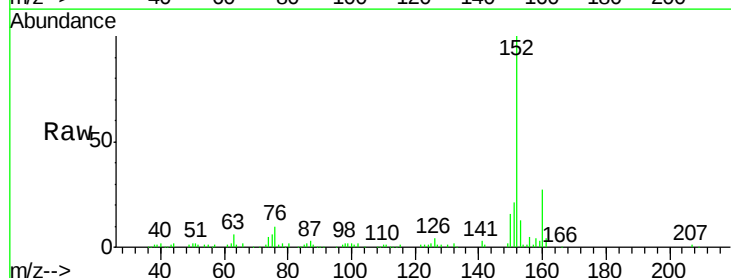
Tgt Ion:152 Resp: 199916

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

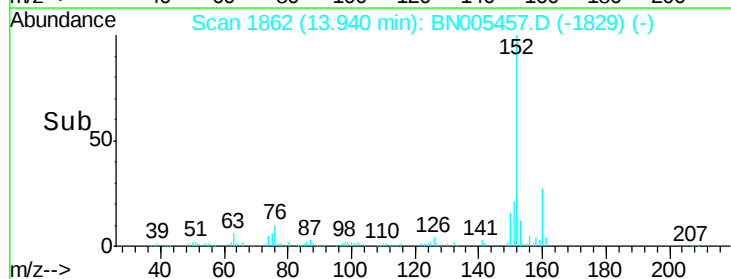
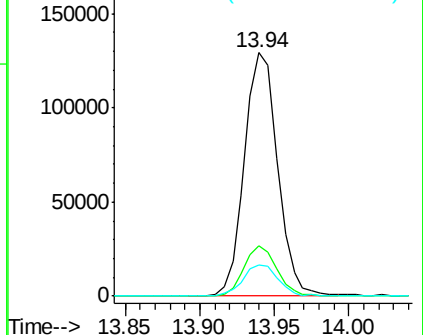
153 12.6 9.8 14.8

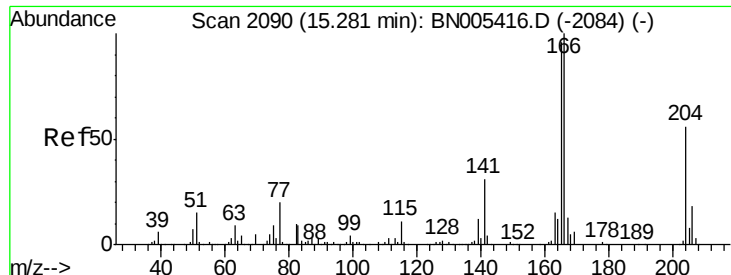


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#58

Fluorene

Concen: 1.218 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

Instrument :

BNA_N

ClientSampleId :

GAJ83

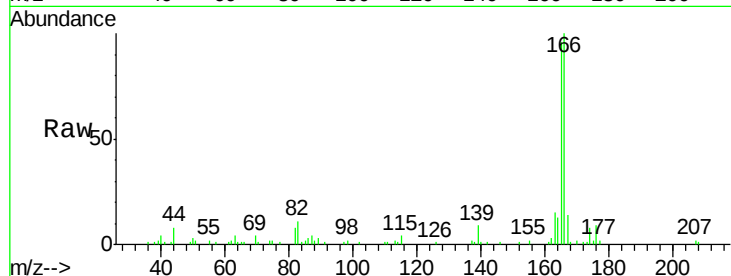
Tgt Ion:166 Resp: 71078

Ion Ratio Lower Upper

166 100

165 96.5 80.0 120.0

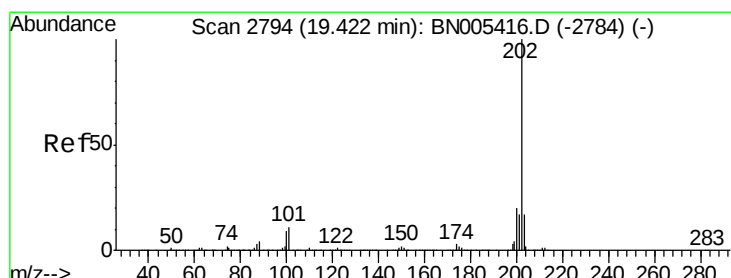
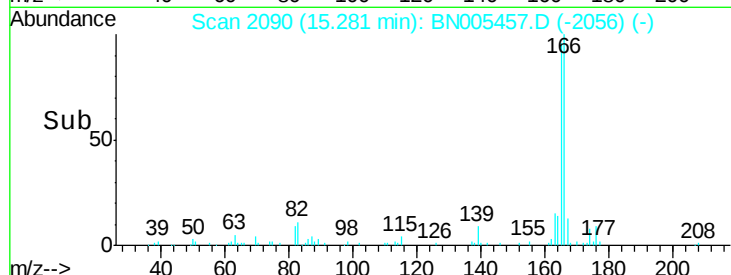
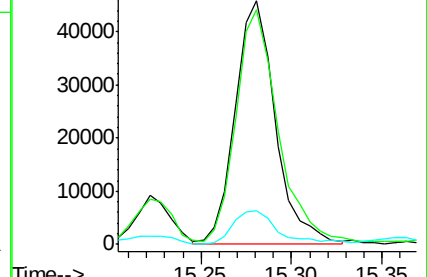
167 14.0 10.7 16.1



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



#79

Pyrene

Concen: 1.765 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005457.D

Acq: 03 May 2019 18:11

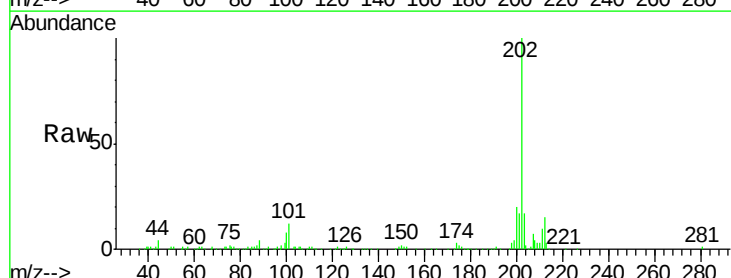
Tgt Ion:202 Resp: 201183

Ion Ratio Lower Upper

202 100

101 11.8 10.3 15.5

100 8.0 7.9 11.9



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

