

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
 Data File : BN005625.D
 Acq On : 11 May 2019 14:16
 Operator : JU/SJ
 Sample : K2603-17MEDL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ69MEDL

Quant Time: May 11 23:20:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 11 23:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	220624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	958951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	584803	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1260780	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	909480	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	914363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	393	0.09	ng/uL	0.00
5) Phenol-d5	6.79	99	6585	0.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	6704	0.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	9636	0.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	6721	0.50	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	4881	0.83	ng/ul	0.02
22) 2-Nitrophenol-d4	9.46	143	4913	0.82	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	7692	0.56	ng/ul	0.04
29) 4-Chloroaniline-d4	10.52	131	6665	0.47	ng/ul	0.03
43) Dimethylphthalate-d6	13.64	166	39083	0.92	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	46124	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	128	0.02	ng/ul	-0.02
57) Fluorene-d10	15.22	176	35877	1.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.07	188	53595	1.01	ng/ul	0.00
78) Pyrene-d10	19.39	212	48031	1.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	35063	0.88	ng/ul	0.00

Target Compounds

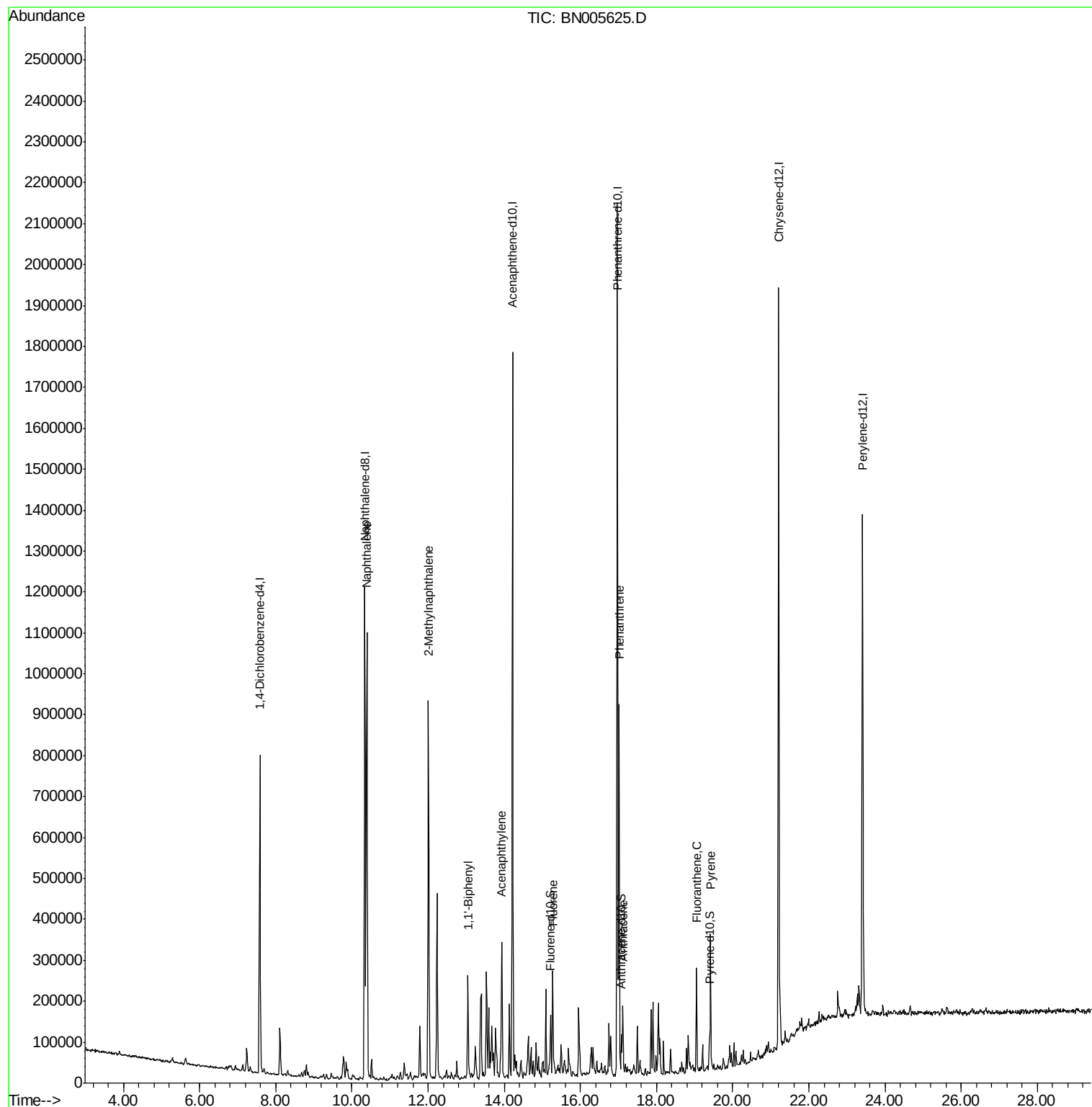
					Qvalue	
28) Naphthalene	10.39	128	902882	20.253	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	460823	14.117	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	47736	1.096	ng/ul#	93
47) Acenaphthylene	13.93	152	213721	4.171	ng/ul	97
58) Fluorene	15.27	166	123658	3.146	ng/ul	98
69) Phenanthrene	17.02	178	550747	8.970	ng/ul	99
71) Anthracene	17.11	178	112160	1.793	ng/ul	97
76) Fluoranthene	19.05	202	146442	2.150	ng/ul#	95
79) Pyrene	19.42	202	192557	3.288	ng/ul#	93

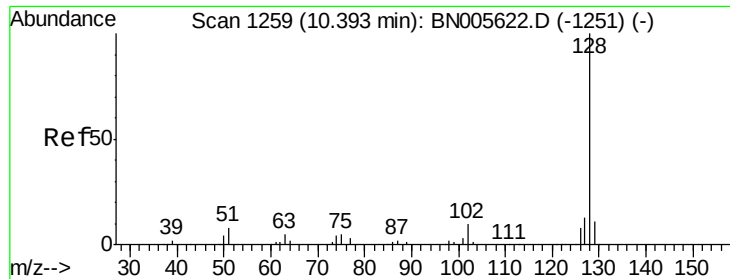
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
Data File : BN005625.D
Acq On : 11 May 2019 14:16
Operator : JU/SJ
Sample : K2603-17MEDL 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ69MEDL

Quant Time: May 11 23:20:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 11 23:17:30 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 20.253 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

ClientSampleId :

GAJ69MEDL

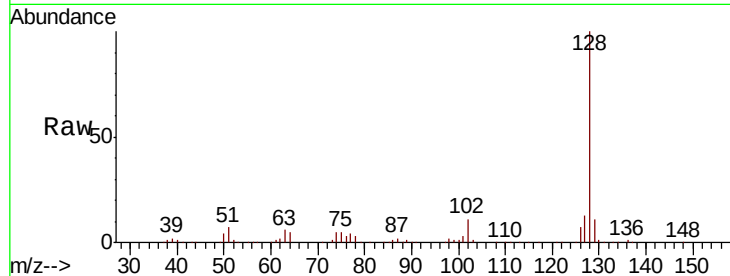
Tgt Ion:128 Resp: 902882

Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

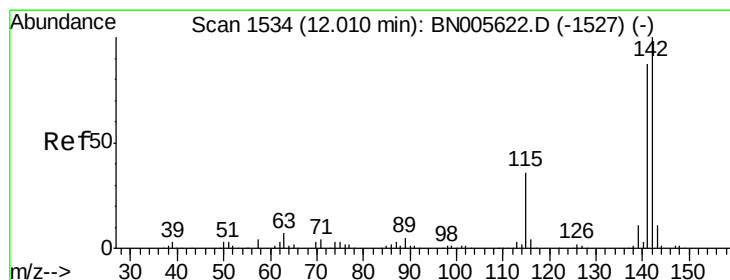
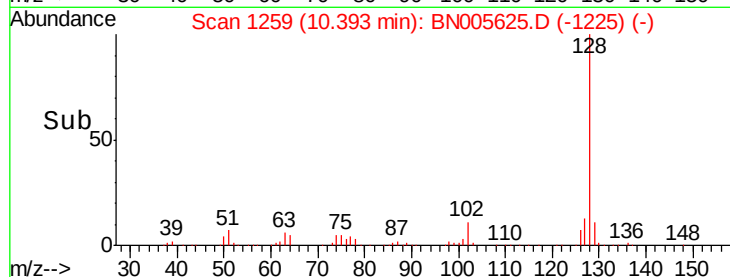
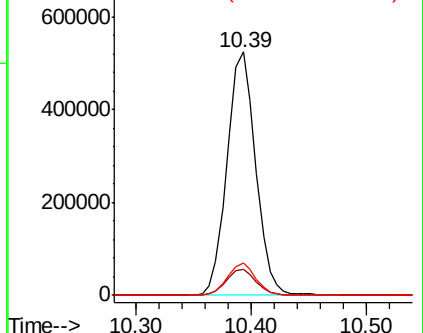
127 13.1 10.7 16.1



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



#34

2-Methylnaphthalene

Concen: 14.117 ng/ul

RT: 12.01 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BN005625.D

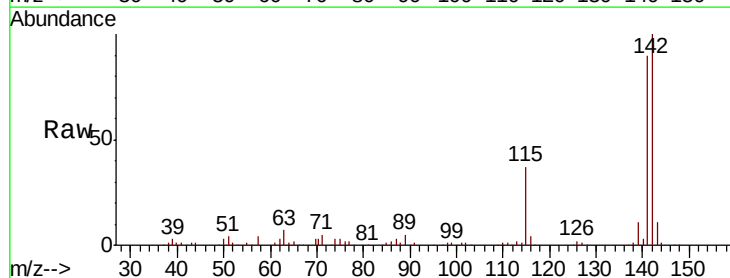
Acq: 11 May 2019 14:16

Tgt Ion:142 Resp: 460823

Ion Ratio Lower Upper

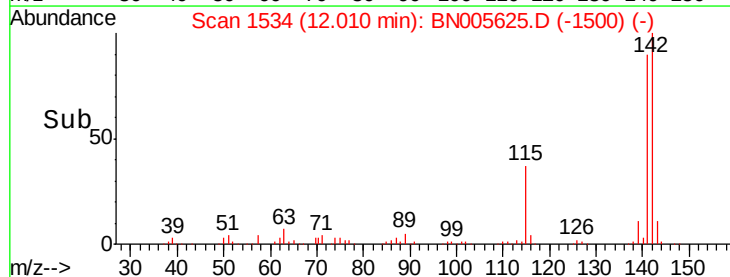
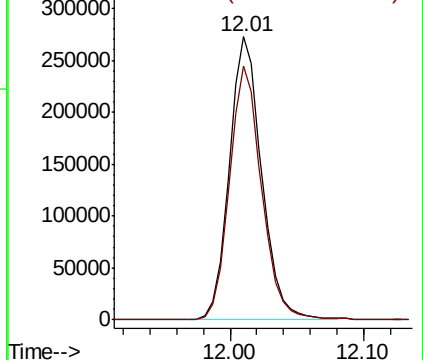
142 100

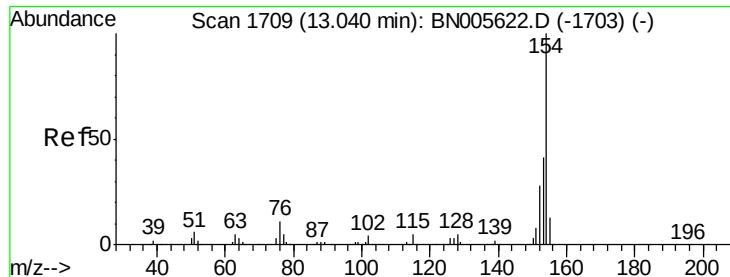
141 89.6 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 1.096 ng/ul

RT: 13.05 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

ClientSampleId :

GAJ69MEDL

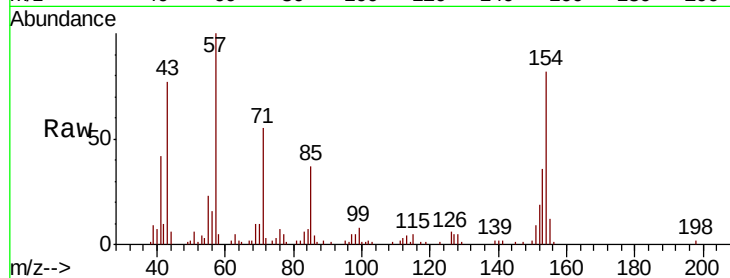
Tgt Ion:154 Resp: 47736

Ion Ratio Lower Upper

154 100

153 44.1 32.6 49.0

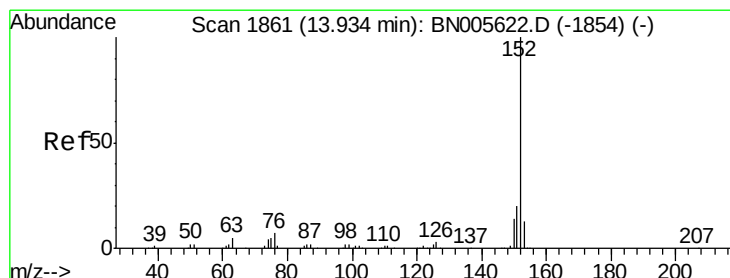
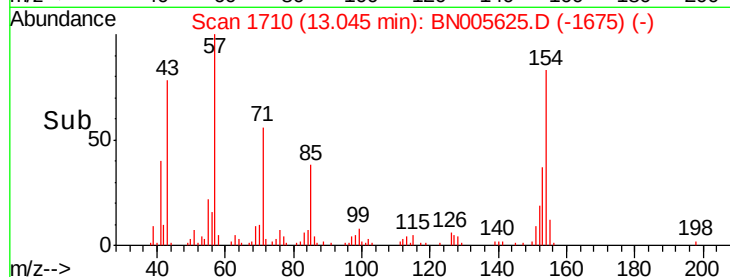
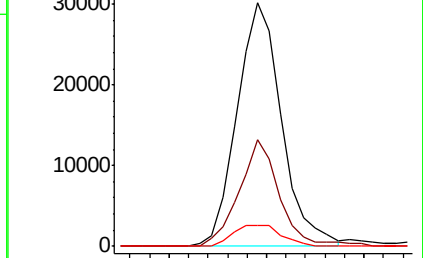
76 8.7 10.4 15.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO



#47

Acenaphthylene

Concen: 4.171 ng/ul

RT: 13.93 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

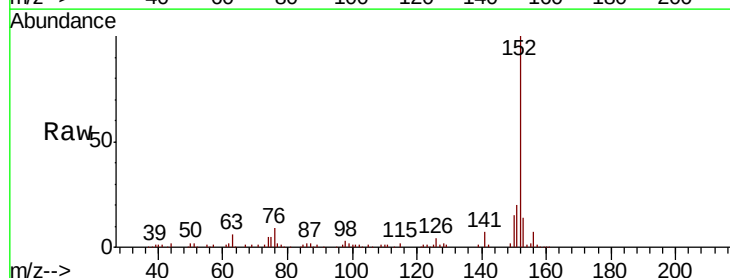
Tgt Ion:152 Resp: 213721

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

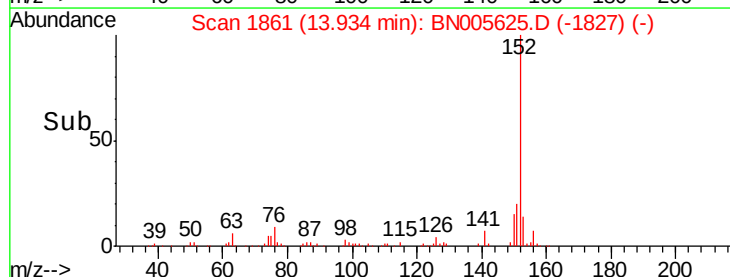
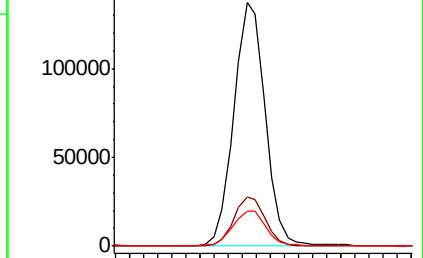
153 14.2 9.8 14.8

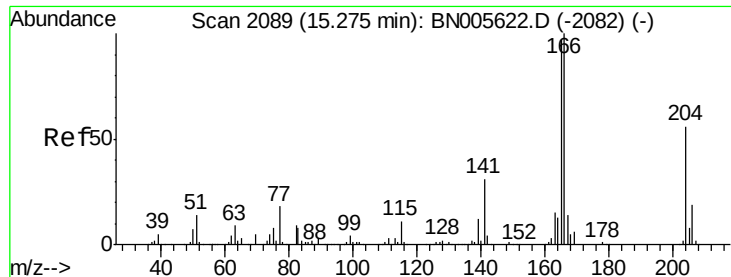


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#58

Fluorene

Concen: 3.146 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

ClientSampleId :

GAJ69MEDL

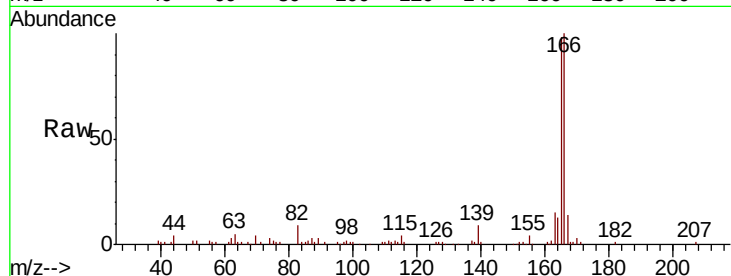
Tgt Ion:166 Resp: 123658

Ion Ratio Lower Upper

166 100

165 98.1 80.0 120.0

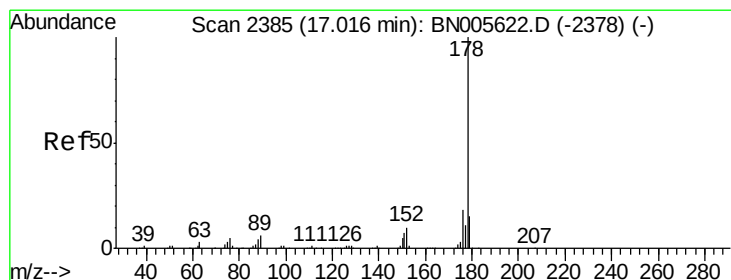
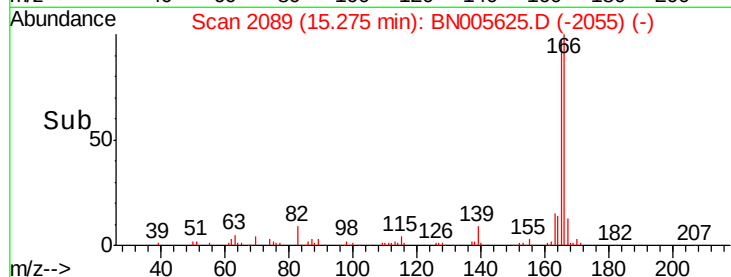
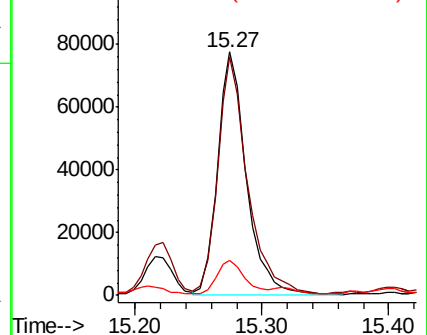
167 14.2 10.7 16.1



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: 8.970 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

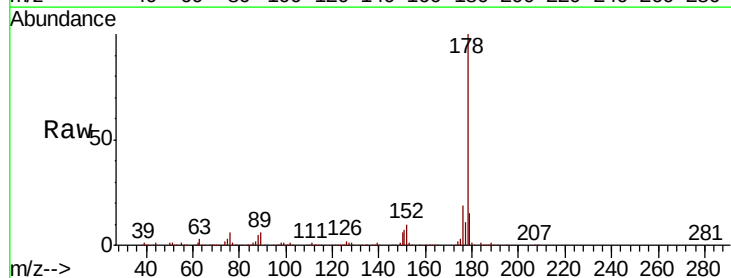
Tgt Ion:178 Resp: 550747

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

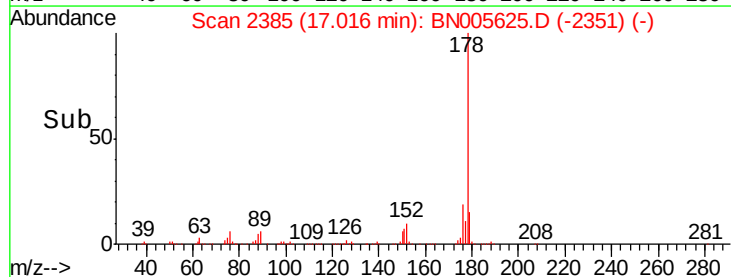
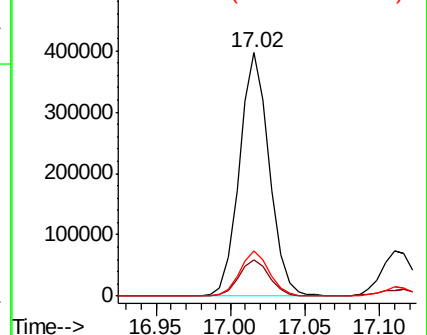
176 18.6 15.1 22.7

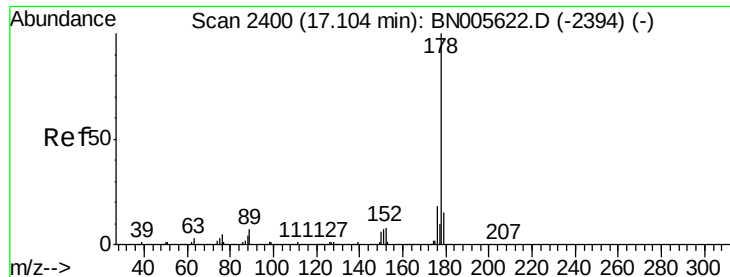


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.793 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

ClientSampleId :

GAJ69MEDL

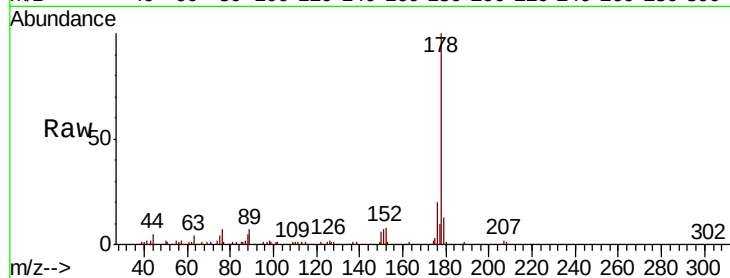
Tgt Ion:178 Resp: 112160

Ion Ratio Lower Upper

178 100

179 13.5 12.3 18.5

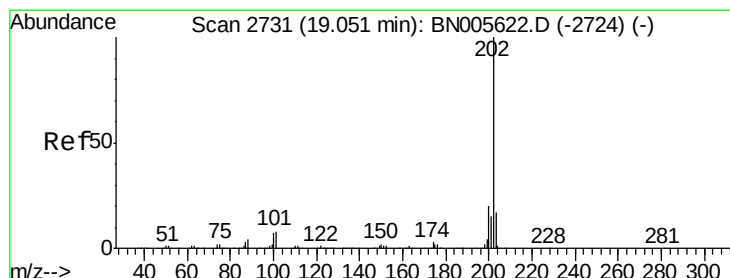
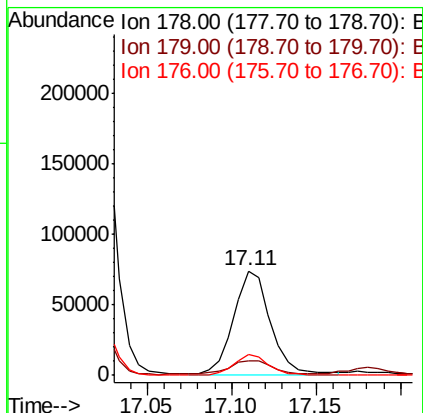
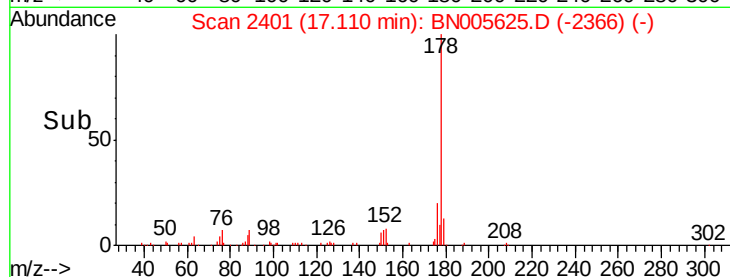
176 19.5 15.1 22.7



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



#76

Fluoranthene

Concen: 2.150 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

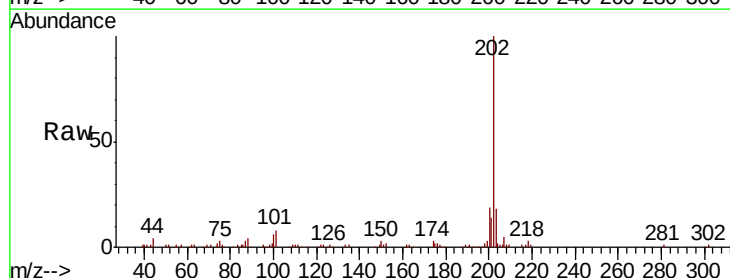
Tgt Ion:202 Resp: 146442

Ion Ratio Lower Upper

202 100

101 8.3 8.6 12.8#

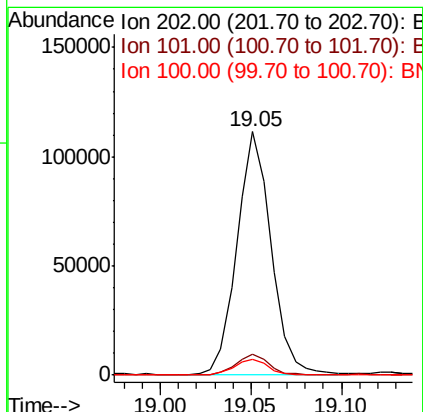
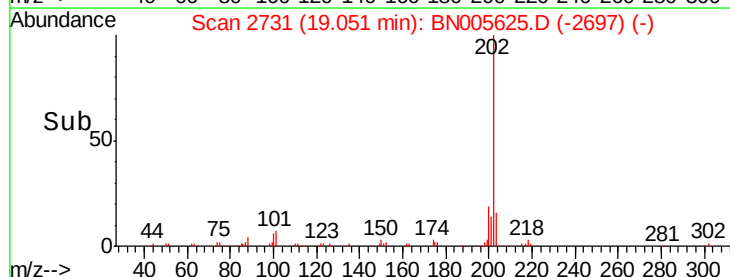
100 6.3 6.3 9.5

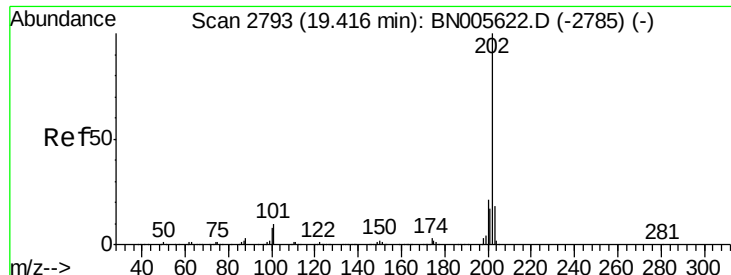


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 3.288 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

ClientSampleId :

GAJ69MEDL

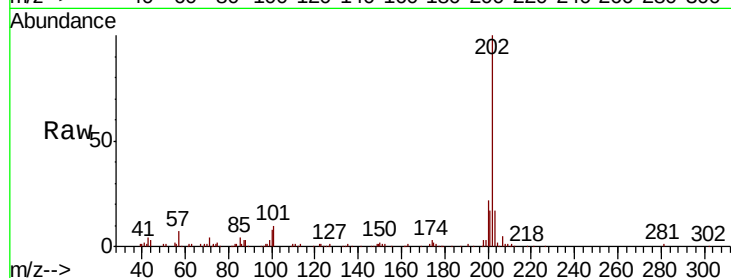
Tgt Ion:202 Resp: 192557

Ion Ratio Lower Upper

202 100

101 9.8 10.3 15.5#

100 8.1 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

