

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009618.D
 Acq On : 06 Feb 2020 20:23
 Operator : CG/JU
 Sample : L1323-11DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT49DL

Quant Time: Feb 06 21:10:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	152584	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	655505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	405887	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	836401	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	715322	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	787893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	109	0.03	ng/uL	0.02
5) Phenol-d5	6.65	99	5845	0.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	4018	0.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	4777	0.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3026	0.29	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	1926	0.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	1702	0.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	3415	0.34	ng/ul	0.02
29) 4-Chloroaniline-d4	10.31	131	148	0.01	ng/ul	-0.03
43) Dimethylphthalate-d6	13.50	166	16085	0.54	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	17782	0.50	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	13264	0.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	425	0.08	ng/ul	0.02
70) Anthracene-d10	16.93	188	23808	0.63	ng/ul	0.00
78) Pyrene-d10	19.23	212	23949	0.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	23030	0.59	ng/ul	0.00

Target Compounds

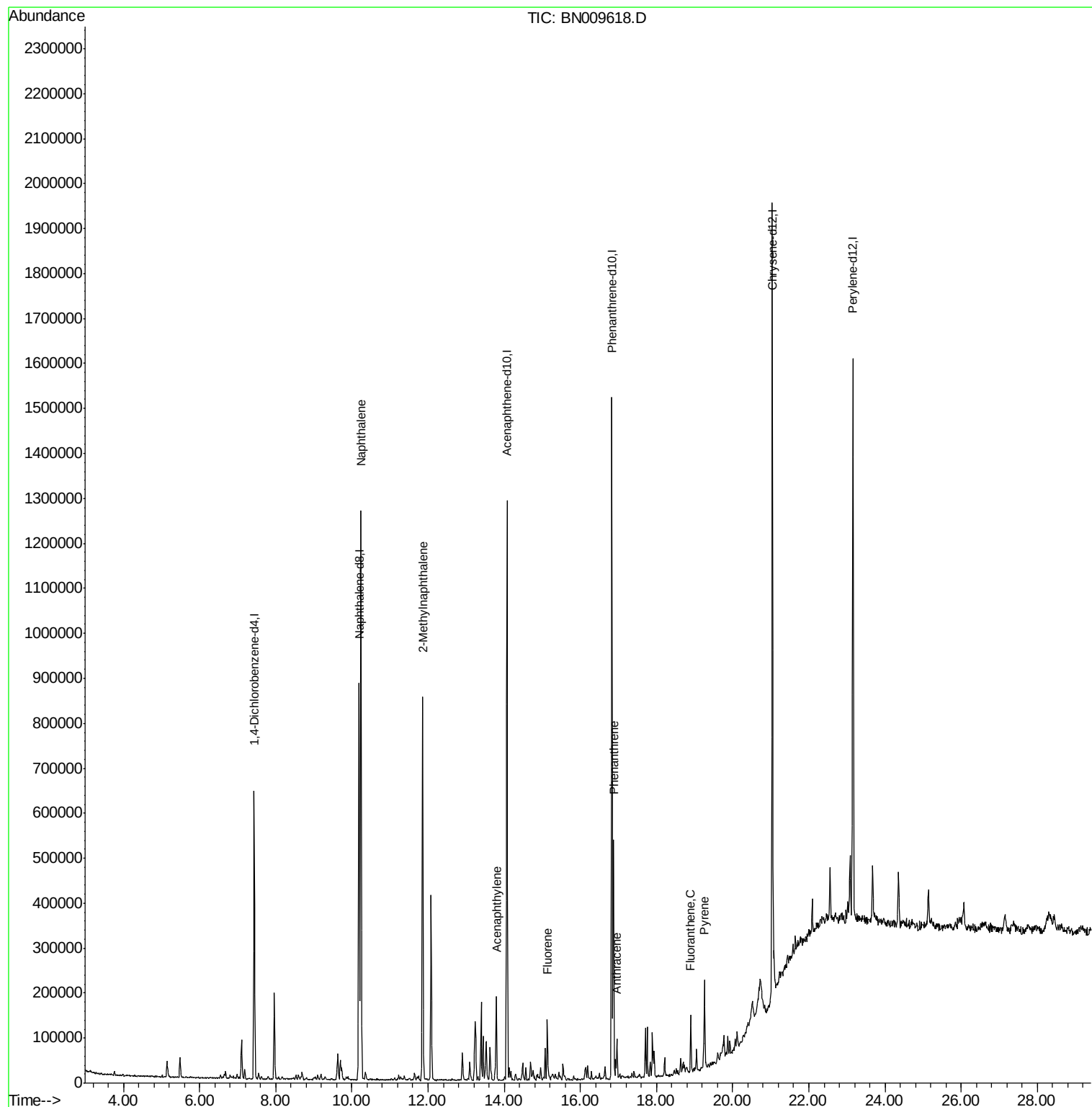
					Ovalue	
28) Naphthalene	10.23	128	920005	25.881	ng/ul	100
34) 2-Methylnaphthalene	11.86	142	400300	16.091	ng/ul	96
47) Acenaphthylene	13.79	152	113485	2.897	ng/ul	99
58) Fluorene	15.13	166	58075	1.874	ng/ul#	93
69) Phenanthrene	16.87	178	286384	6.004	ng/ul	98
71) Anthracene	16.96	178	56496	1.167	ng/ul	97
76) Fluoranthene	18.90	202	70510	1.295	ng/ul	98
79) Pyrene	19.26	202	108105	2.070	ng/ul	96

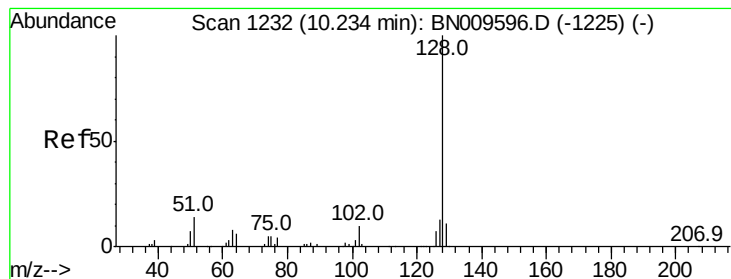
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 25.881 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

Instrument :

BNA_N

ClientSampleId :

GAT49DL

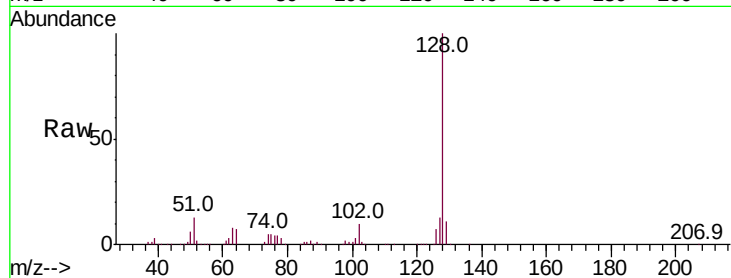
Tot Ion:128 Resp: 920005

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

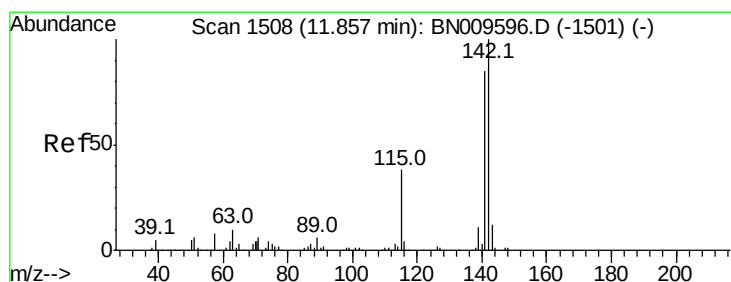
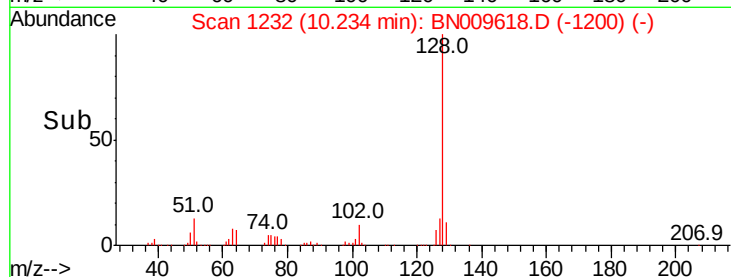
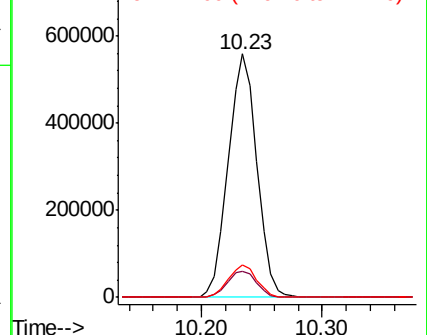
127 13.2 10.7 16.1



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: 16.091 ng/ul

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN009618.D

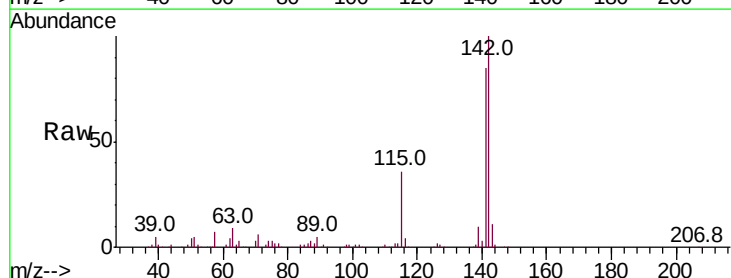
Acq: 06 Feb 2020 20:23

Tgt Ion:142 Resp: 400300

Ion Ratio Lower Upper

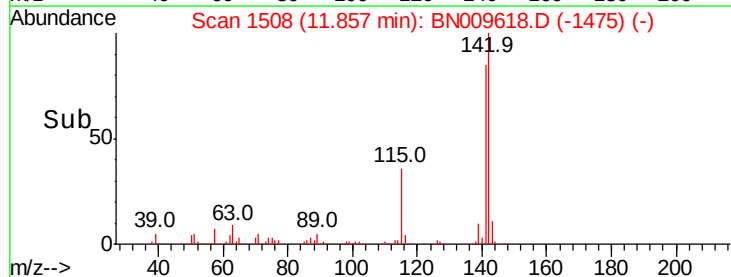
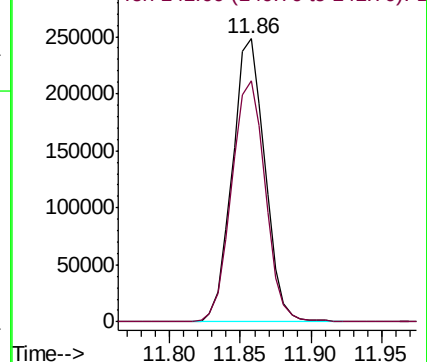
142 100

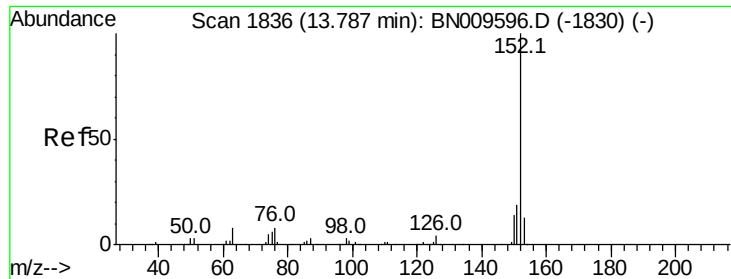
141 85.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#47

Acenaphthylene

Concen: 2.897 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

Instrument :

BNA_N

ClientSampleId :

GAT49DL

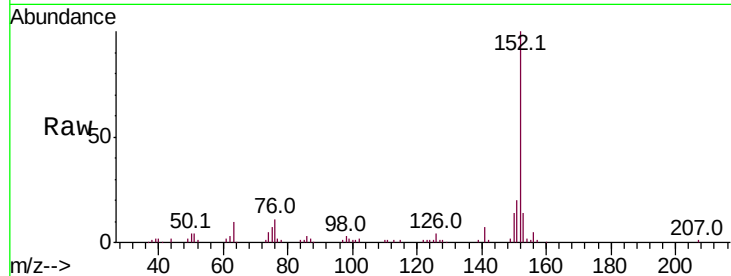
Tot Ion:152 Resp: 113485

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

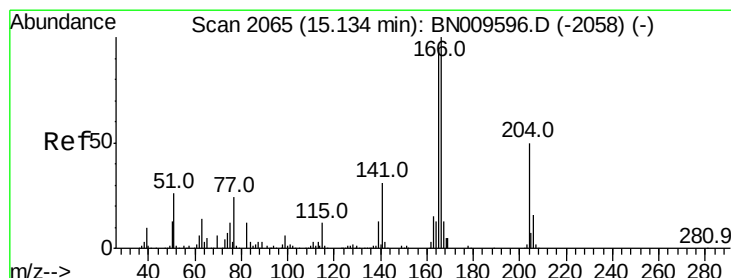
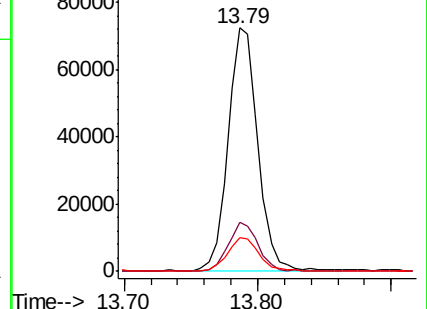
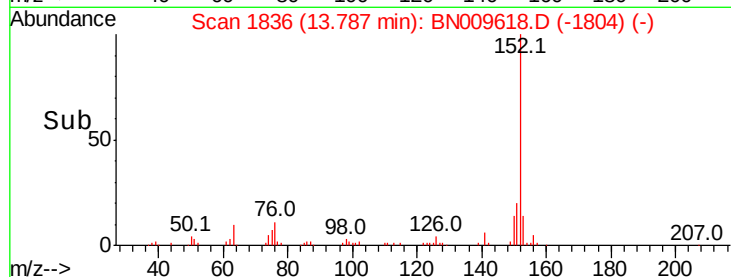
153 13.9 10.6 15.8



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: 1.874 ng/ul

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

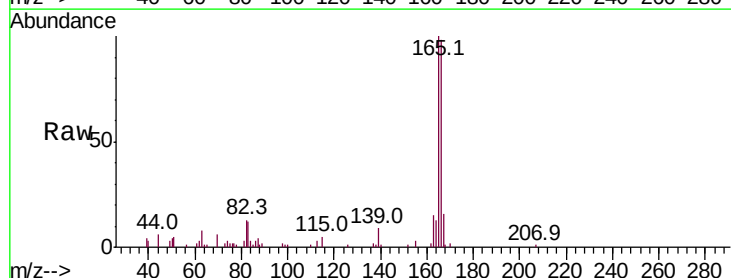
Tgt Ion:166 Resp: 58075

Ion Ratio Lower Upper

166 100

165 102.4 76.7 115.1

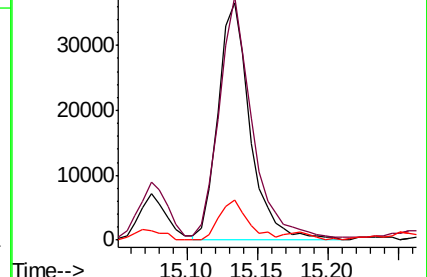
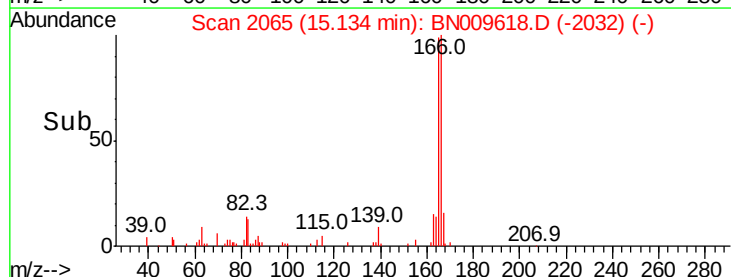
167 16.8 11.1 16.7#

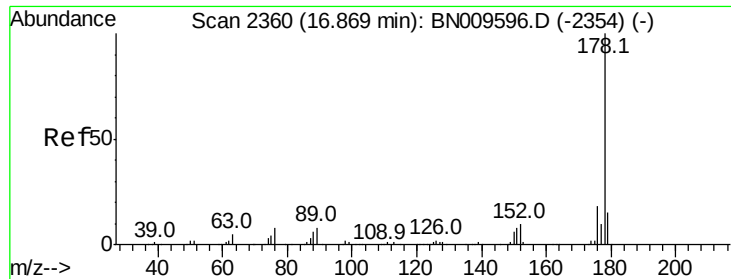


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 6.004 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

Instrument :

BNA_N

ClientSampleId :

GAT49DL

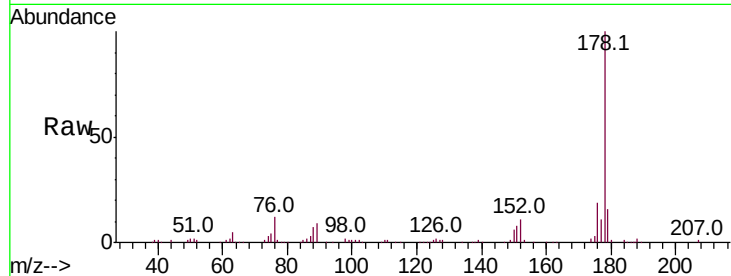
Tot Ion:178 Resp: 286384

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.2

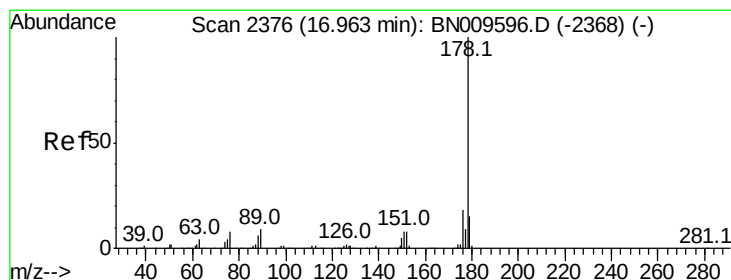
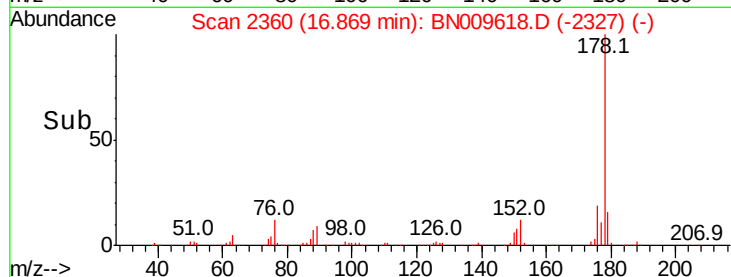
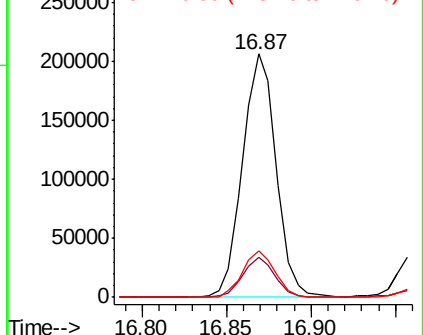
176 19.1 14.8 22.2



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



#71

Anthracene

Concen: 1.167 ng/ul

RT: 16.96 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

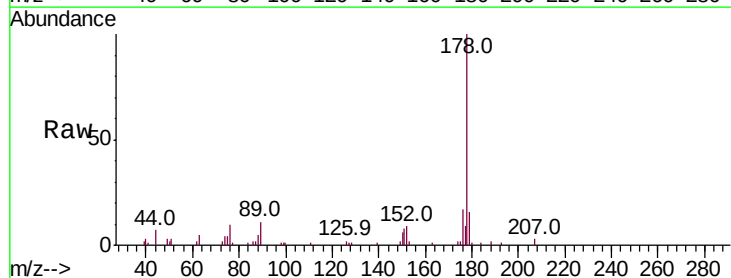
Tgt Ion:178 Resp: 56496

Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

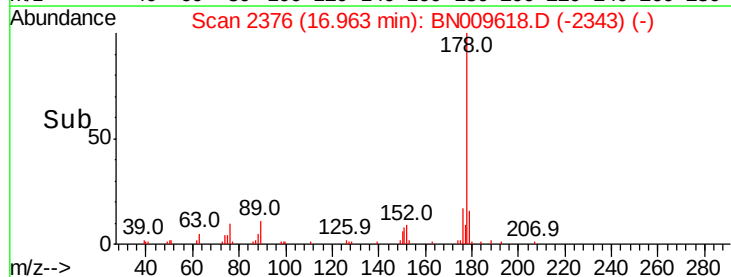
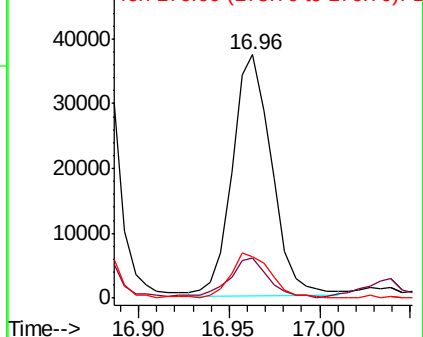
176 17.0 14.6 21.8

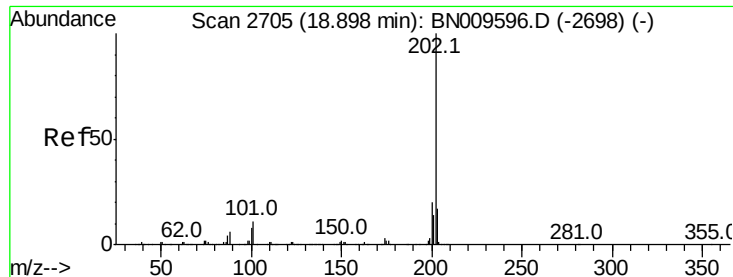


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.295 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

Instrument :

BNA_N

ClientSampleId :

GAT49DL

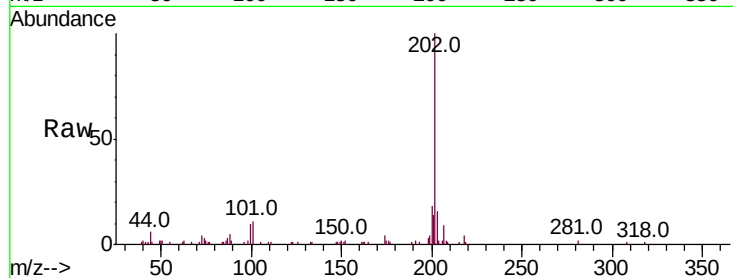
Tot Ion:202 Resp: 70510

Ion Ratio Lower Upper

202 100

101 11.1 9.2 13.8

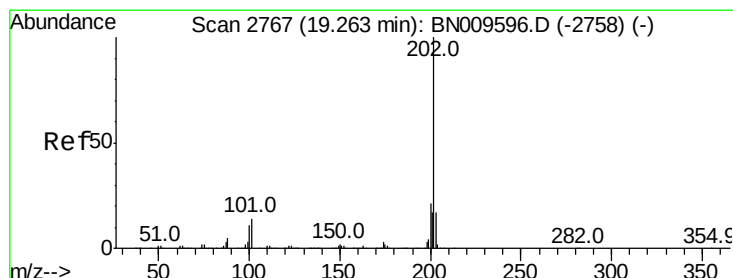
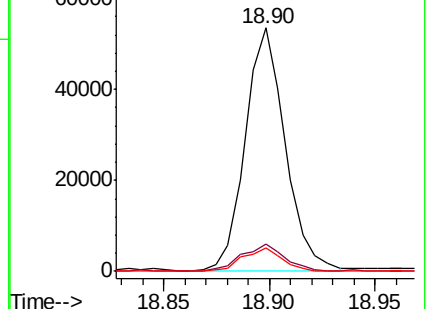
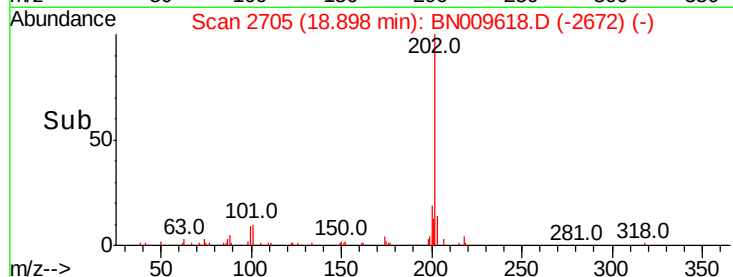
100 9.6 6.9 10.3



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: 2.070 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009618.D

Acq: 06 Feb 2020 20:23

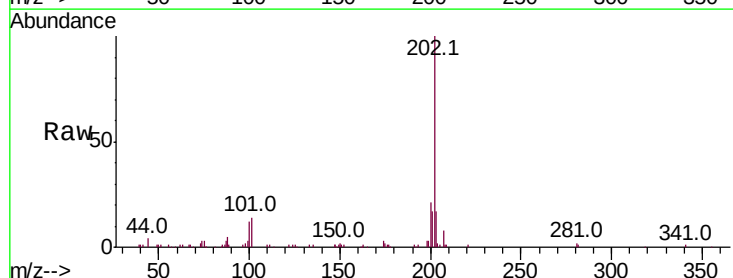
Tgt Ion:202 Resp: 108105

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

100 12.4 8.4 12.6



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

