

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005208.D
 Acq On : 23 Apr 2019 11:24
 Operator : JU/SJ
 Sample : K2455-18DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR8DL

Quant Time: Apr 23 15:20:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	463416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1936291	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1089293	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2168783	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1676098	20.00	ng/ul	0.01
85) Perylene-d12	23.44	264	1826635	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	27276	2.84	ng/uL	0.00
5) Phenol-d5	6.77	99	564803	15.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	359659	15.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	463000	16.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	474554	16.68	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	220669	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	226231	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	430401	15.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1120911	39.25	ng/ul	-0.01
43) Dimethylphthalate-d6	13.65	166	1218233	15.41	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1546500	15.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	164981	13.21	ng/ul	0.00
57) Fluorene-d10	15.23	176	1015055	15.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	36798	3.77	ng/ul	0.00
70) Anthracene-d10	17.09	188	1436449	15.80	ng/ul	0.00
78) Pyrene-d10	19.40	212	1378056	16.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1288394	16.14	ng/ul	0.02

Target Compounds

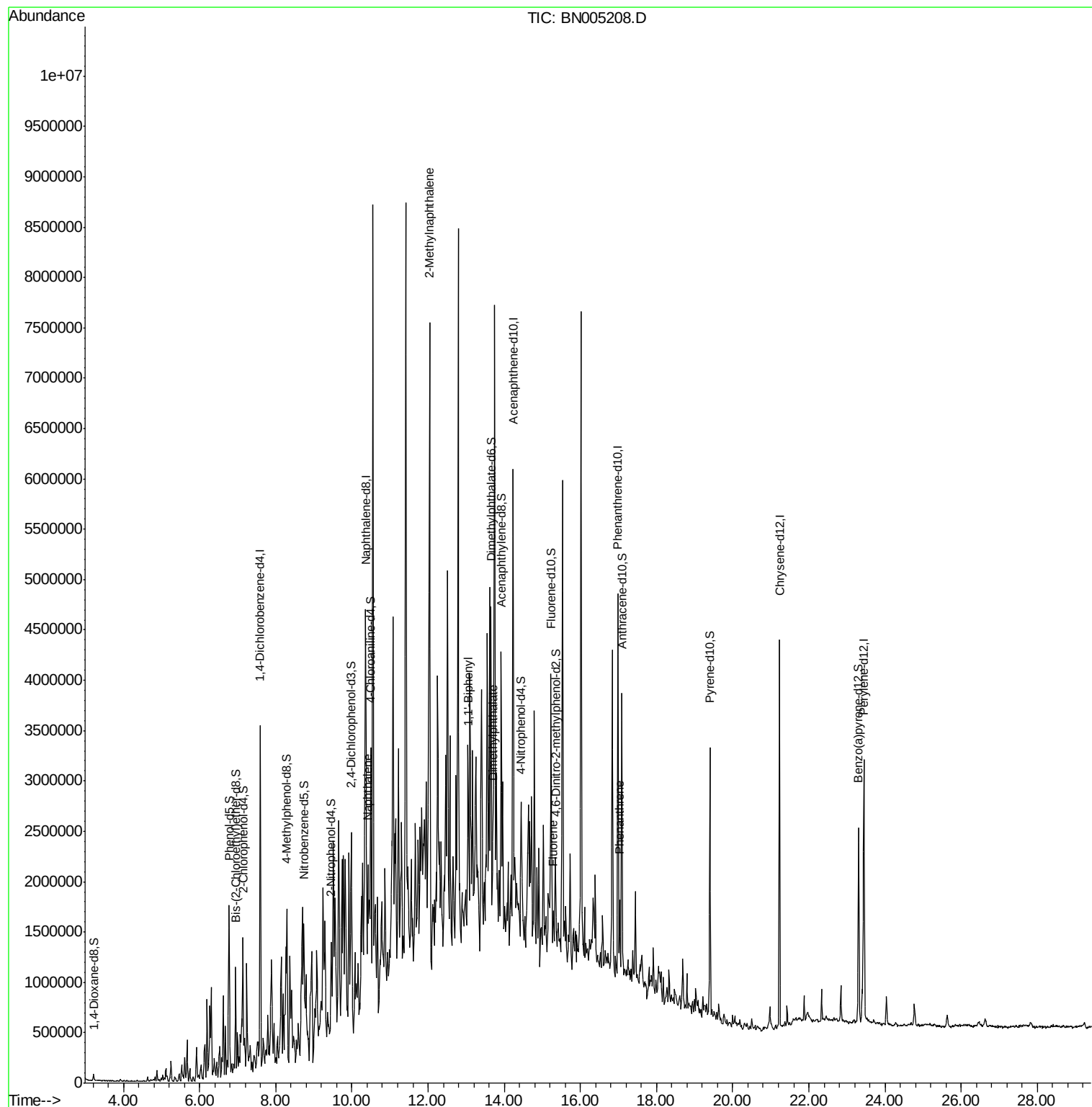
					Ovalue	
28) Naphthalene	10.41	128	523910	5.820	ng/ul	95
34) 2-Methylnaphthalene	12.03	142	1869141	28.359	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	146649	1.807	ng/ul	99
44) Dimethylphthalate	13.70	163	211166	2.680	ng/ul#	95
58) Fluorene	15.29	166	97568	1.333	ng/ul#	91
69) Phenanthrene	17.03	178	199059	1.885	ng/ul#	93

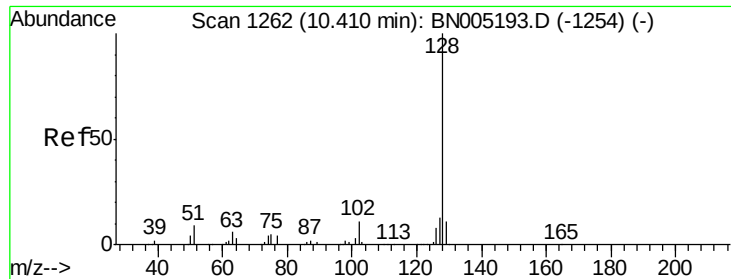
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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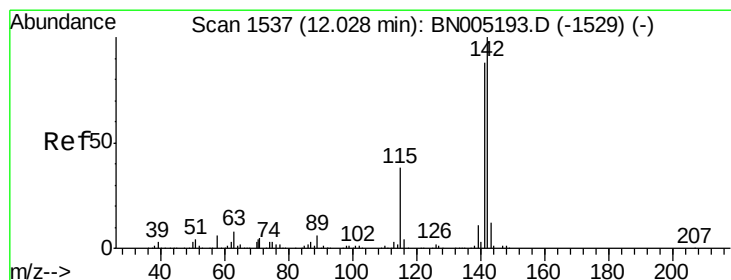
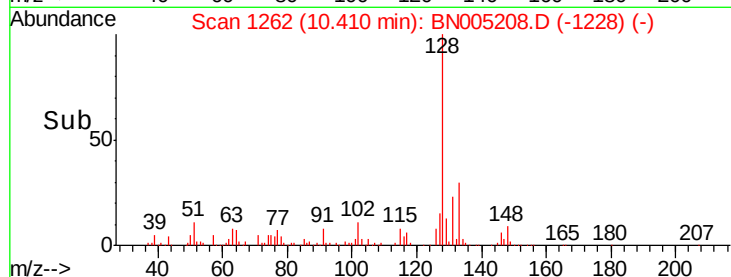
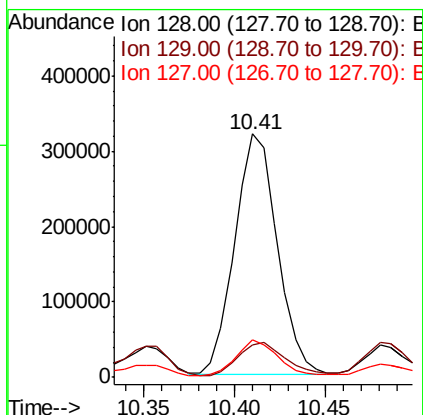
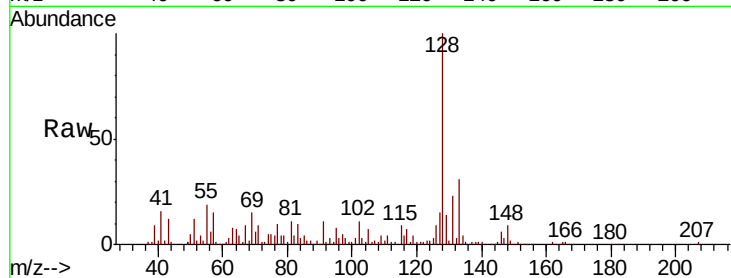




#28
Naphthalene
Concen: 5.820 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BN005208.D
Acq: 23 Apr 2019 11:24

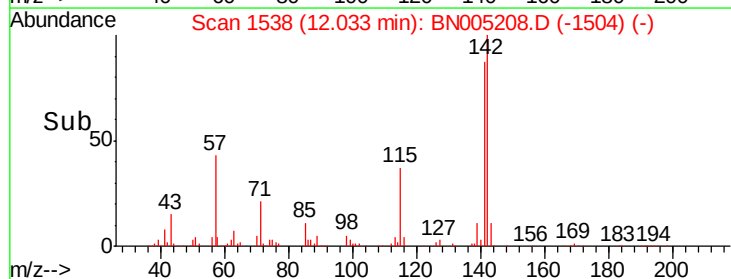
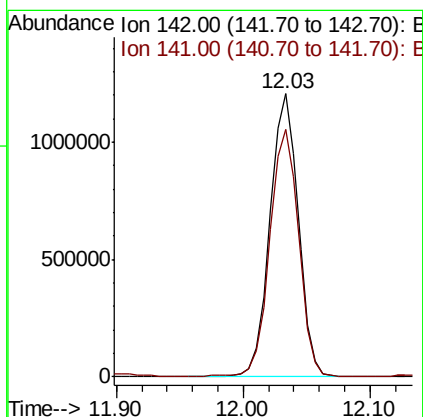
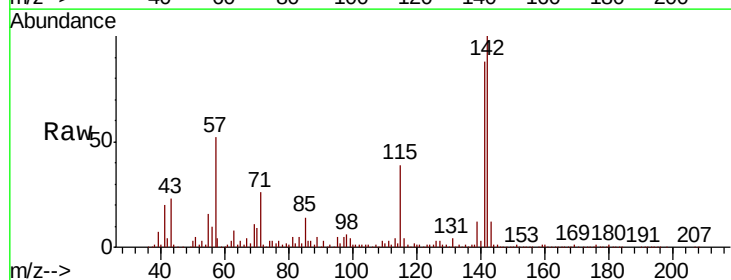
Instrument :
BNA_N
ClientSampleId :
GAHR8DL

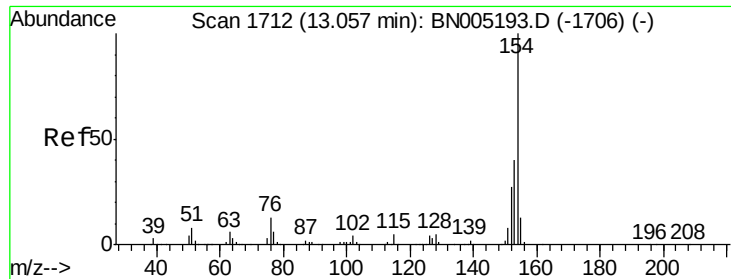
Tot Ion:128 Resp: 523910
Ion Ratio Lower Upper
128 100
129 13.5 9.2 13.8
127 15.2 10.7 16.1



#34
2-Methylnaphthalene
Concen: 28.359 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BN005208.D
Acq: 23 Apr 2019 11:24

Tgt Ion:142 Resp: 1869141
Ion Ratio Lower Upper
142 100
141 87.6 72.0 108.0





#40

1,1'-Biphenyl

Concen: 1.807 ng/ul

RT: 13.06 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

Instrument :

BNA_N

ClientSampled :

GAHR8DL

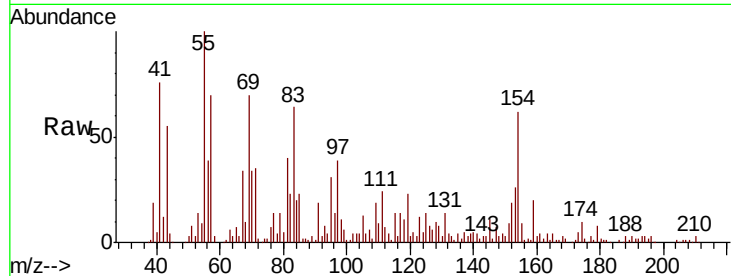
Tot Ion:154 Resp: 146649

Ion Ratio Lower Upper

154 100

153 41.2 32.6 49.0

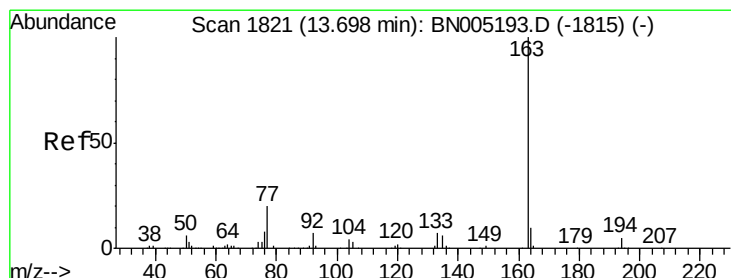
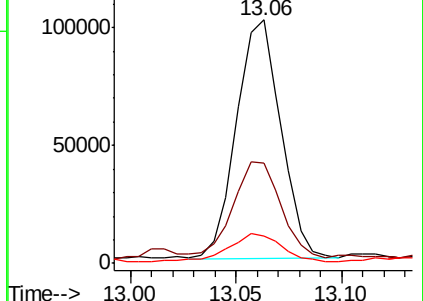
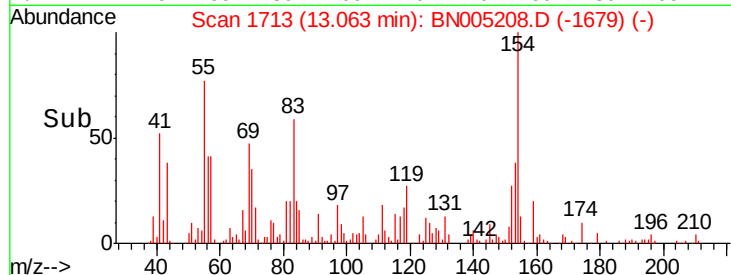
76 11.5 10.4 15.6



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



#44

Dimethylphthalate

Concen: 2.680 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

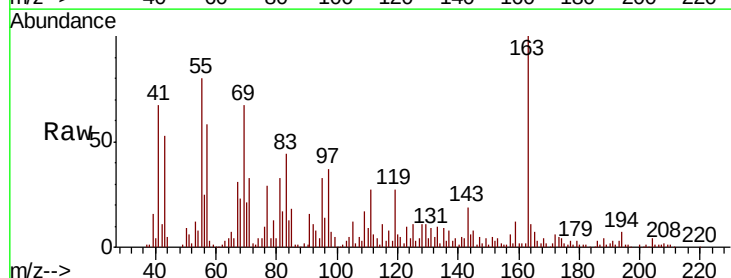
Tgt Ion:163 Resp: 211166

Ion Ratio Lower Upper

163 100

194 7.4 3.4 5.0#

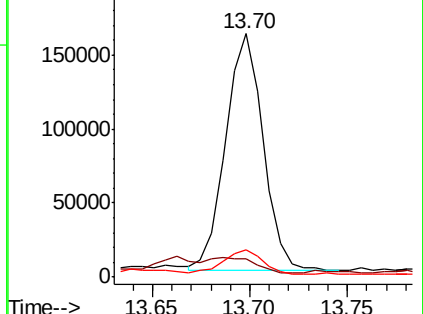
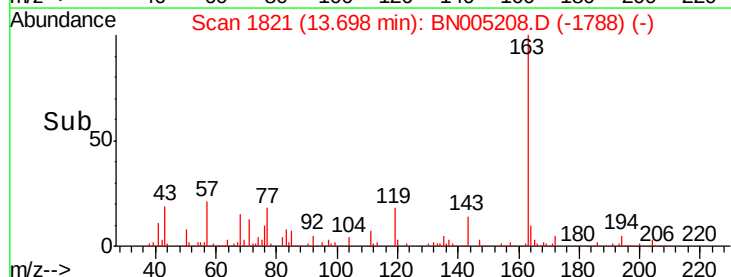
164 11.2 8.1 12.1

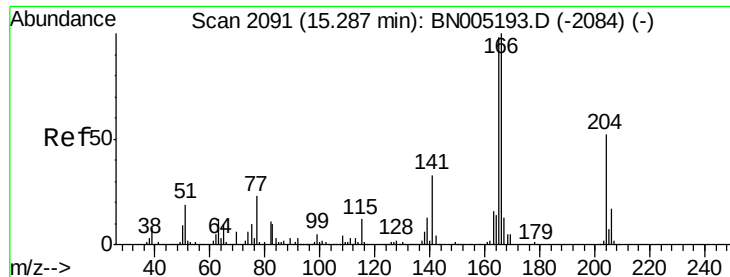


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#58

Fluorene

Concen: 1.333 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

Instrument :

BNA_N

ClientSampleId :

GAHR8DL

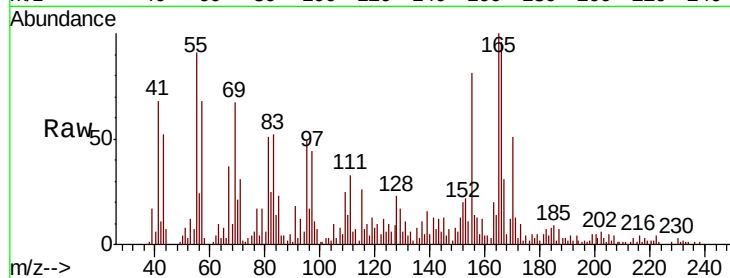
Tot Ion:166 Resp: 97568

Ion Ratio Lower Upper

166 100

165 104.5 80.0 120.0

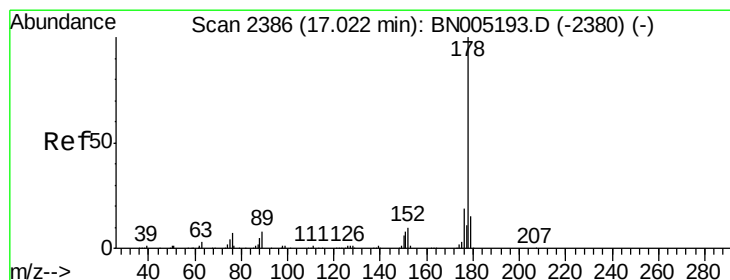
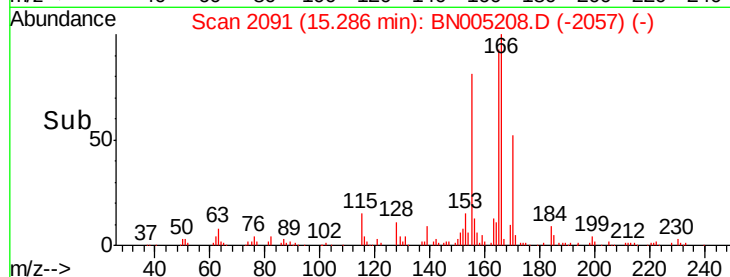
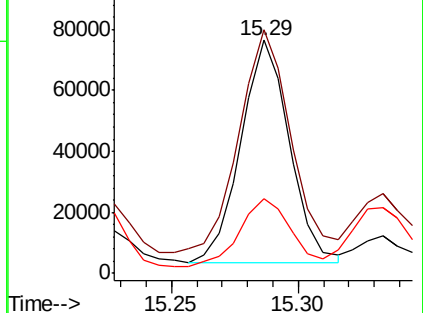
167 32.0 10.7 16.1#



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: 1.885 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

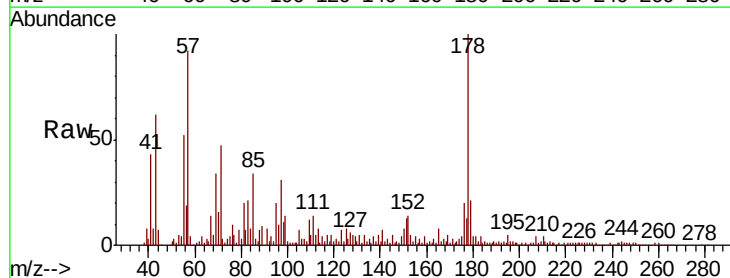
Tgt Ion:178 Resp: 199059

Ion Ratio Lower Upper

178 100

179 20.6 12.2 18.4#

176 19.8 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

