

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000202.D
 Acq On : 11 Sep 2019 14:42
 Operator : HP/JU
 Sample : K4633-21
 Misc : GCMS CONFIRMATION
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D20

Quant Time: Sep 12 02:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	295993	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1142448	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	639968	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1191830	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1033548	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1094824	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL
5) Phenol-d5	0.00	99	0d	0.00	ng/ul
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds

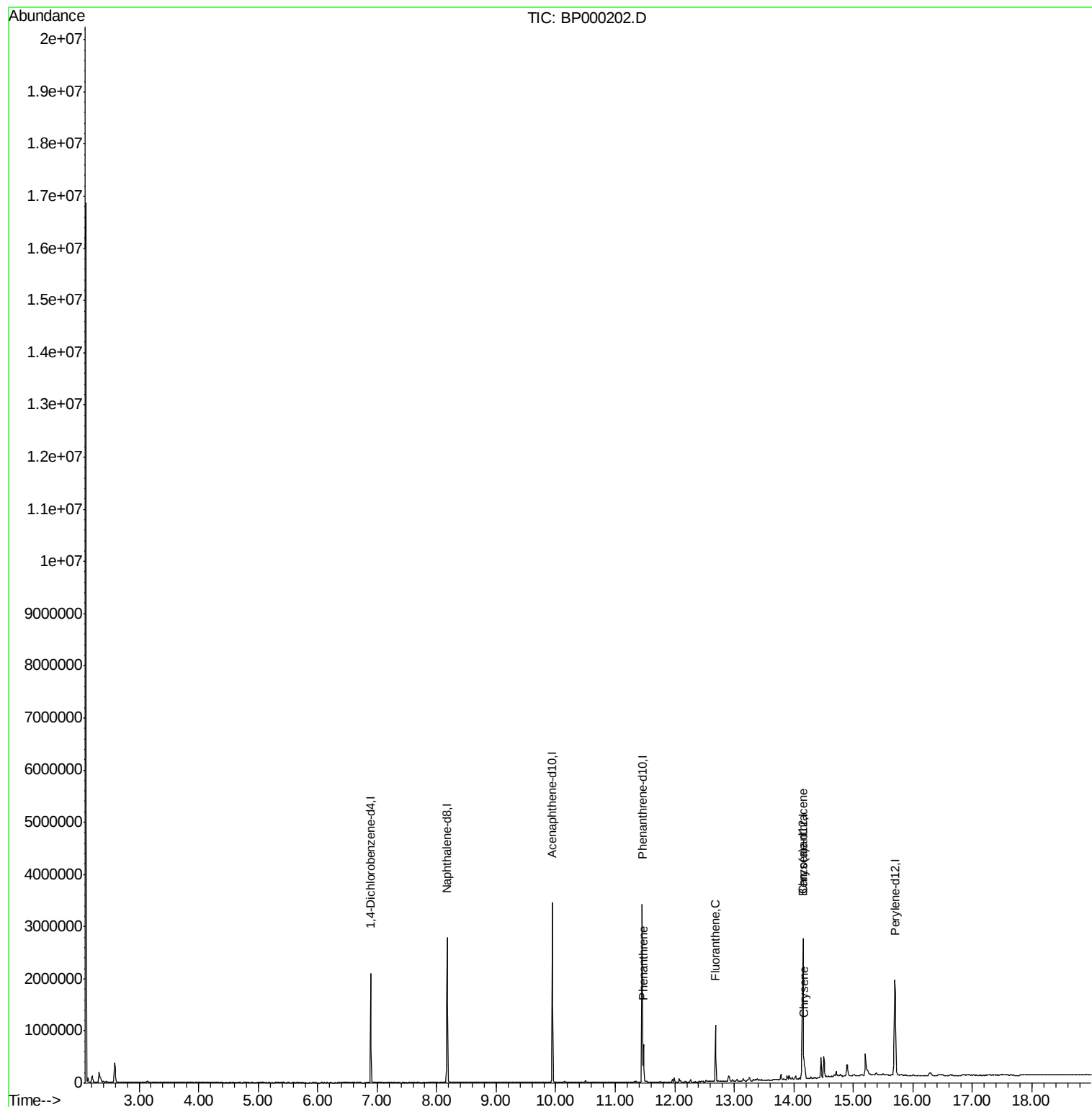
				Ovalue
70) Phenanthrene	11.47	178	259603	3.683 ng/ul 98
77) Fluoranthene	12.69	202	436626	6.142 ng/ul 99
83) Benzo(a)anthracene	14.14	228	82030	1.096 ng/ul 98
85) Chrysene	14.17	228	142866	2.081 ng/ul 96

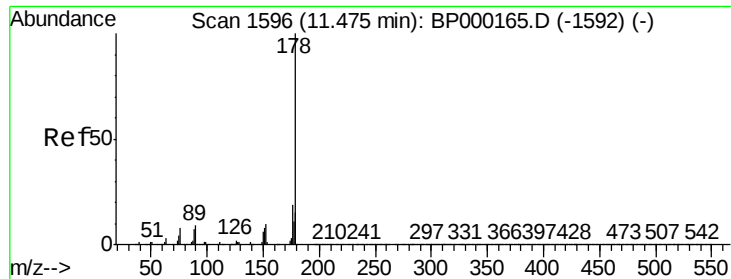
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 3.683 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BP000202.D

Acq: 11 Sep 2019 14:42

Instrument :

BNA_P

ClientSampleId :

F2D20

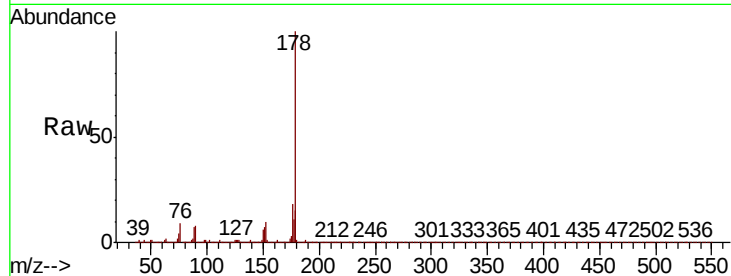
Tot Ion:178 Resp: 259603

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

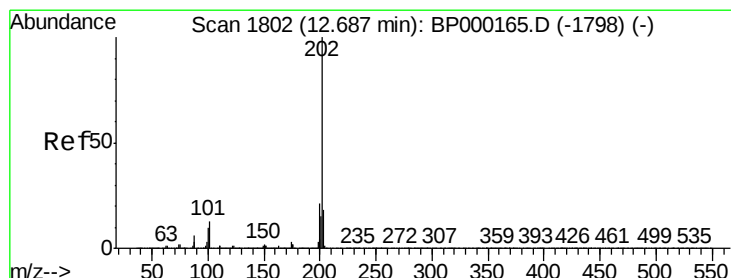
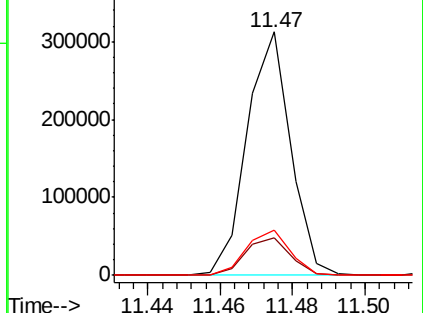
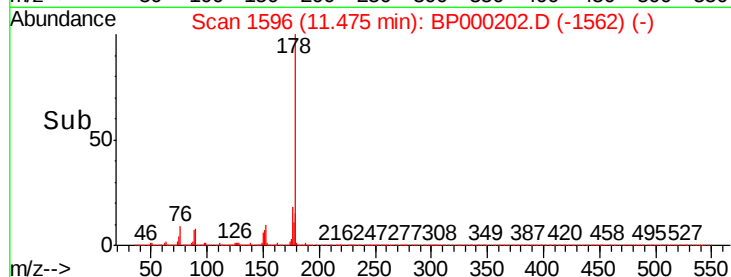
176 18.3 15.7 23.5



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



#77

Fluoranthene

Concen: 6.142 ng/ul

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BP000202.D

Acq: 11 Sep 2019 14:42

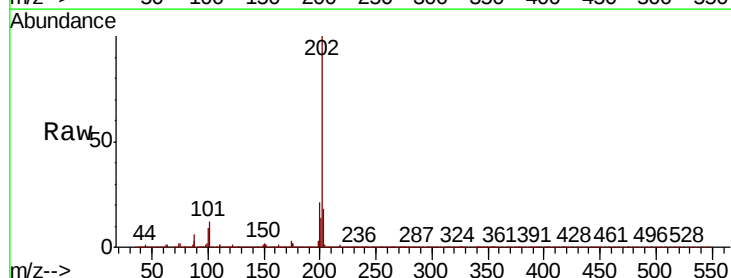
Tgt Ion:202 Resp: 436626

Ion Ratio Lower Upper

202 100

101 12.0 10.0 15.0

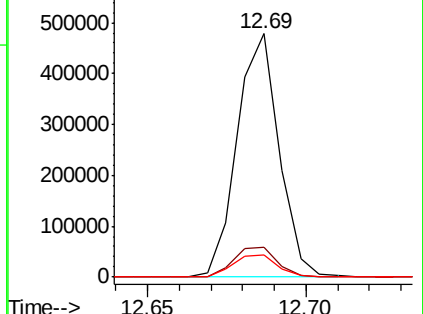
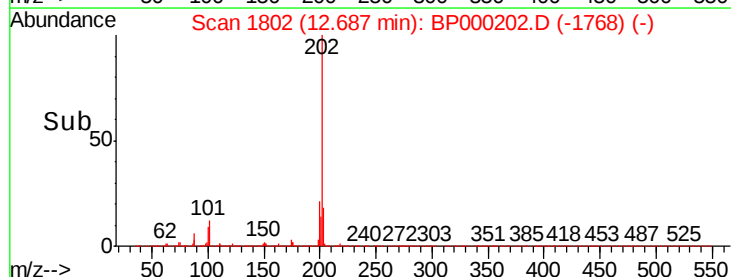
100 9.0 7.4 11.2

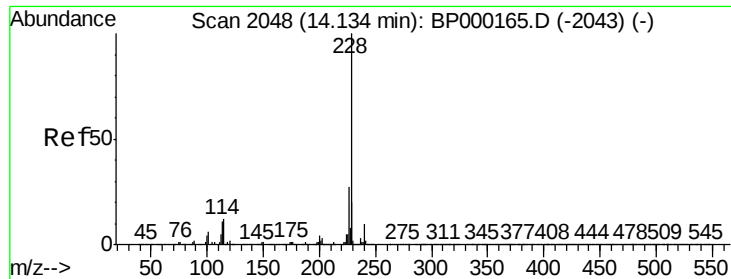


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

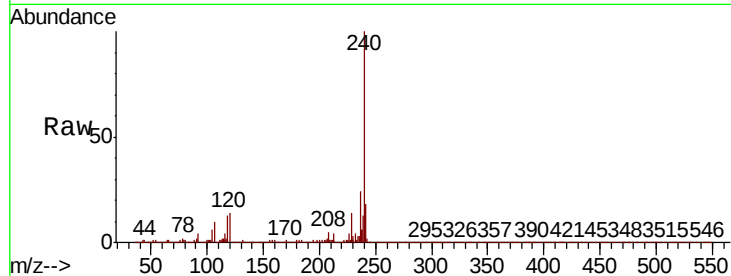




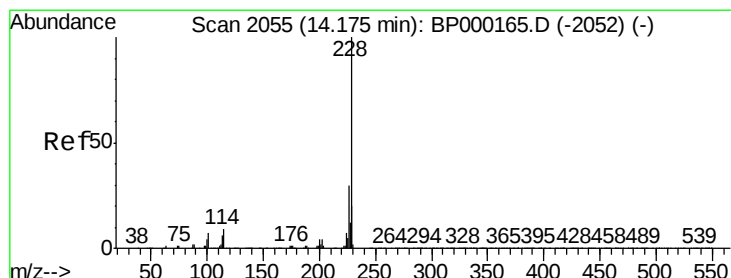
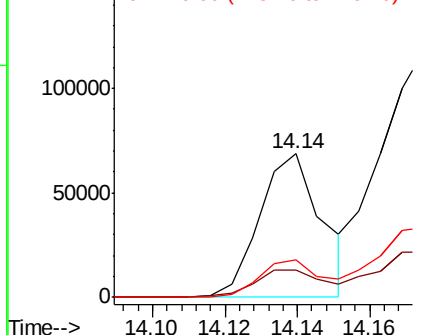
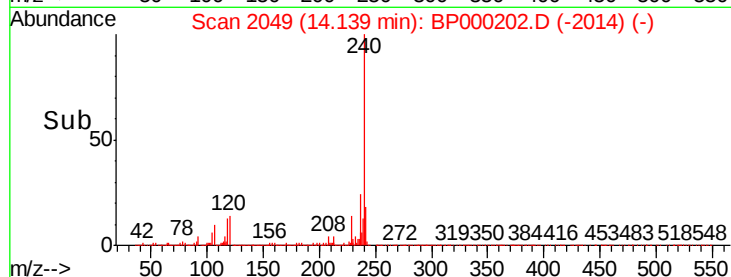
#83
Benzo(a)anthracene
Concen: 1.096 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000202.D
Acq: 11 Sep 2019 14:42

Instrument :
BNA_P
ClientSampleId :
F2D20

Tot Ion:228 Resp: 82030
Ion Ratio Lower Upper
228 100
229 19.1 15.9 23.9
226 26.5 22.1 33.1

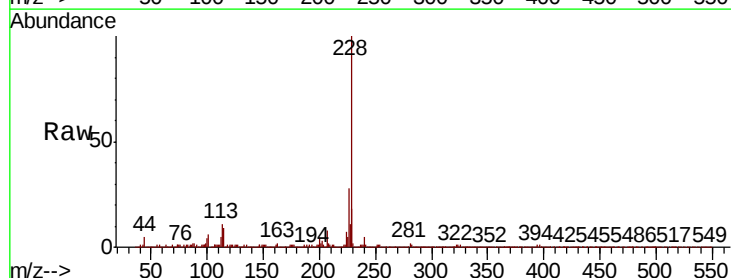


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85
Chrysene
Concen: 2.081 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000202.D
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Tgt Ion:228 Resp: 142866
Ion Ratio Lower Upper
228 100
226 28.1 24.4 36.6
229 18.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

