

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058711.D
 Acq On : 9 Mar 2017 15:42
 Operator : UM/SJ
 Sample : I2107-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ4

Quant Time: Mar 15 14:40:27 2017
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:21:30 2017
 Response via : Initial Calibration

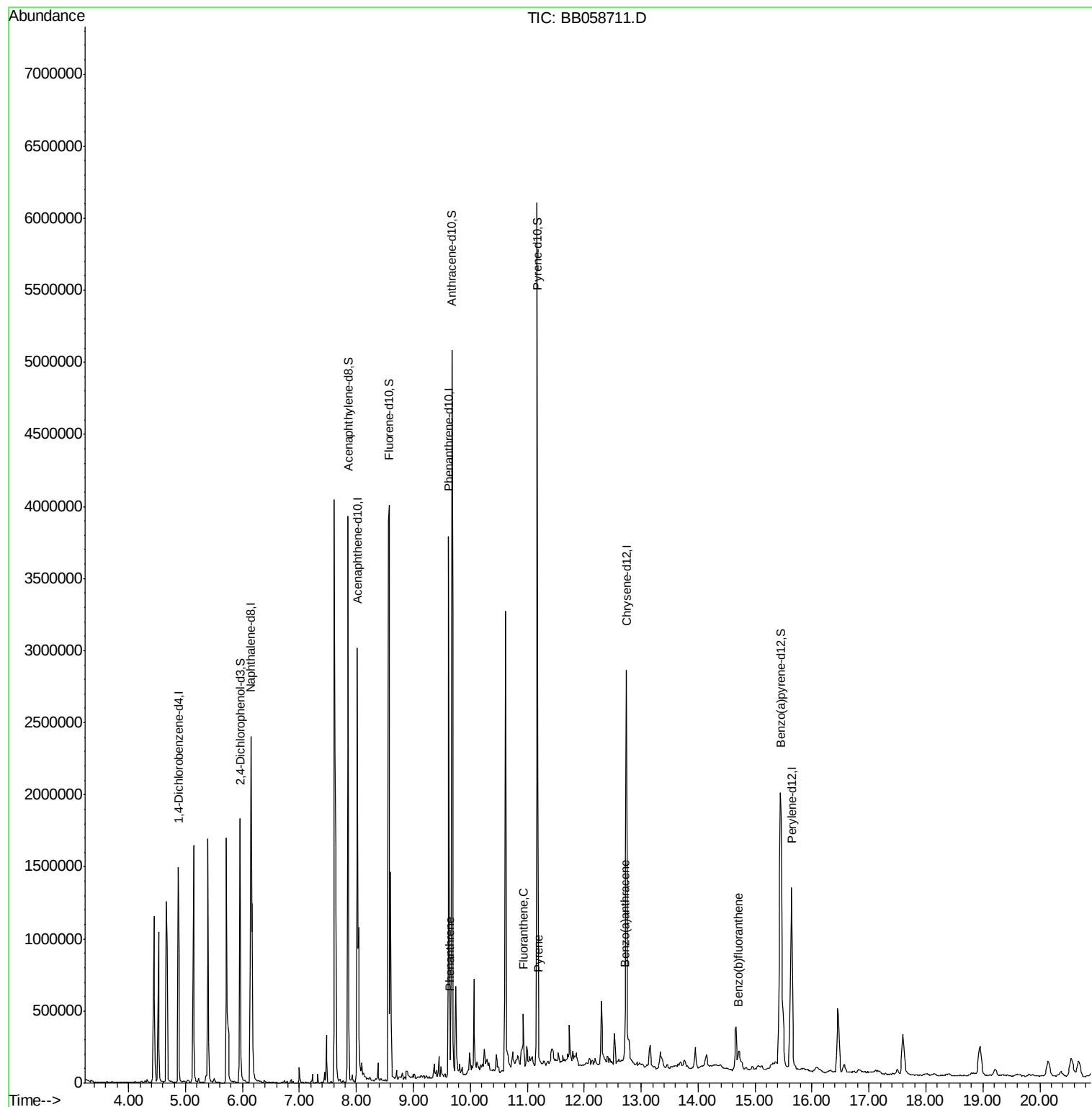
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	301458	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1143681	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	759040	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1563105	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1427865	20.00	ng/ul	-0.04
23) Perylene-d12	15.64	264	1156467	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.96	165	562859	25.83	ng/uL	-0.02
7) Acenaphthylene-d8	7.85	160	2089336	35.32	ng/ul	-0.02
10) Fluorene-d10	8.57	176	1573490	32.74	ng/ul	-0.01
15) Anthracene-d10	9.68	188	2297061	33.03	ng/ul	-0.02
19) Pyrene-d10	11.17	212	2408047	37.09	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.44	264	1799179	34.78	ng/ul	-0.05
Target Compounds						
14) Phenanthrene	9.64	178	107202	1.38	ng/ul	Qvalue 95
17) Fluoranthene	10.93	202	163410	2.25	ng/ul#	84
20) Pyrene	11.20	202	145596	1.83	ng/ul#	91
21) Benzo(a)anthracene	12.72	228	86859	1.16	ng/ul	96
24) Benzo(b)fluoranthene	14.71	252	98868	1.40	ng/ul#	96

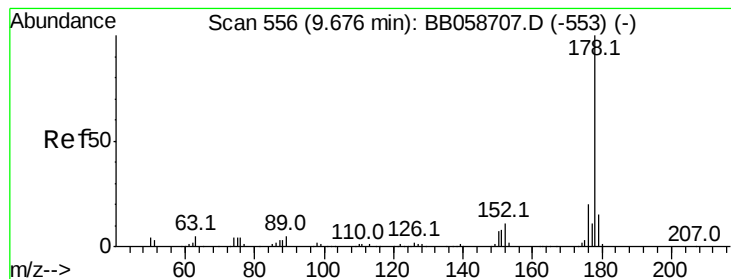
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.38 ng/ul

RT: 9.64 min Scan# 553

Delta R.T. -0.02 min

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BNA_B

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C0AJ4

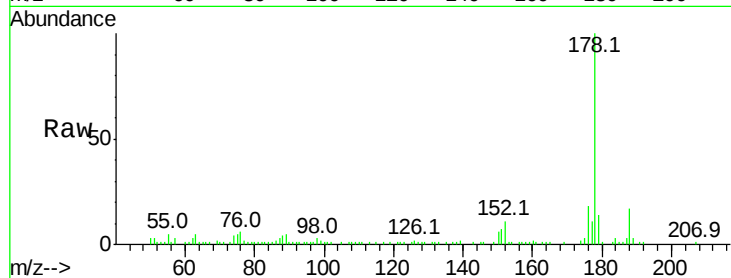
Tot Ion:178 Resp: 107202

Ion Ratio Lower Upper

178 100

179 13.8 13.0 19.4

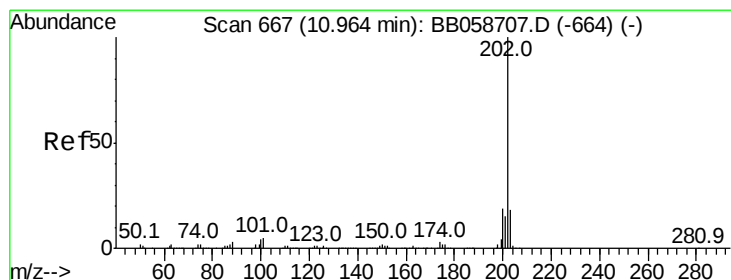
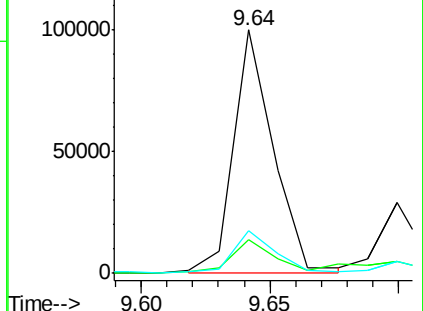
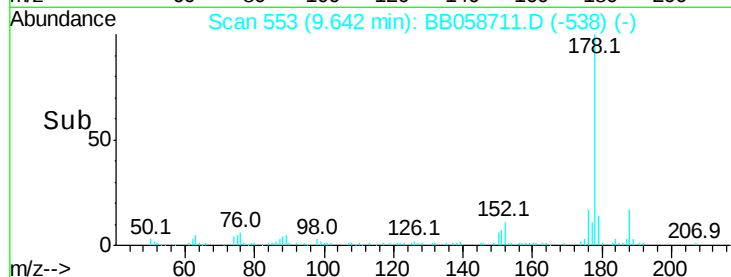
176 17.5 15.4 23.2



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



#17

Fluoranthene

Concen: 2.25 ng/ul

RT: 10.93 min Scan# 664

Delta R.T. -0.02 min

Lab File: BB058711.D

Acq: 9 Mar 2017 15:42

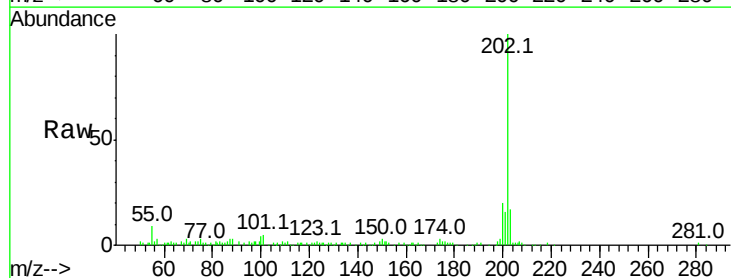
Tgt Ion:202 Resp: 163410

Ion Ratio Lower Upper

202 100

101 5.4 9.8 14.8#

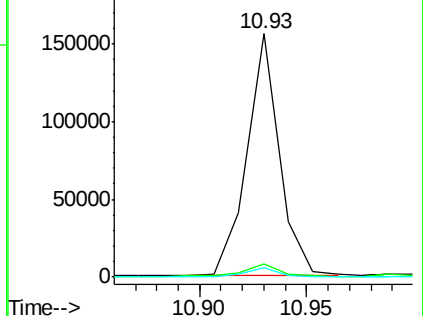
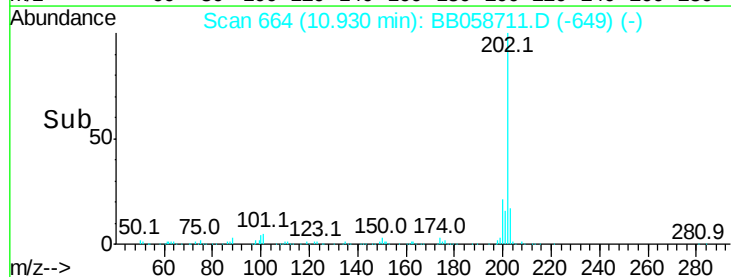
100 4.1 7.5 11.3#

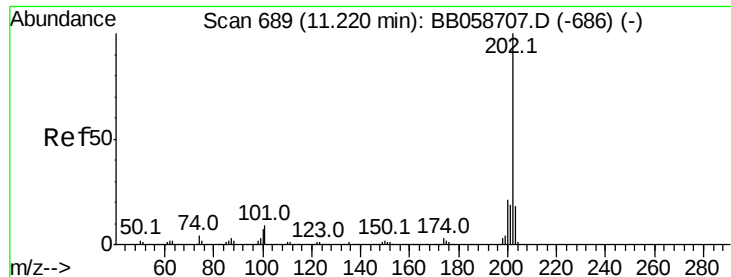


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

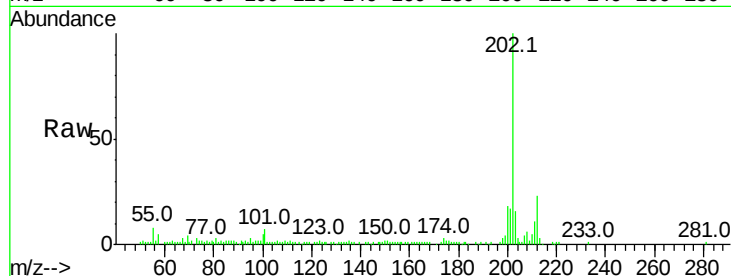




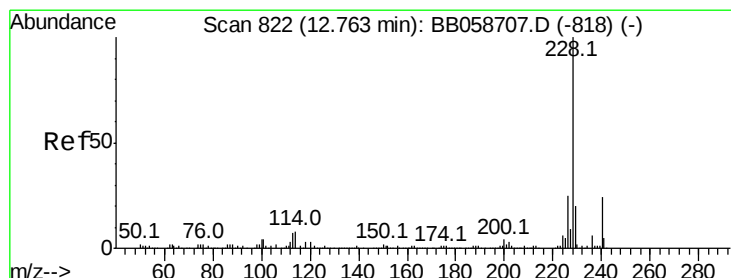
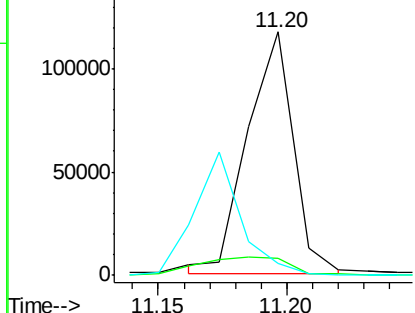
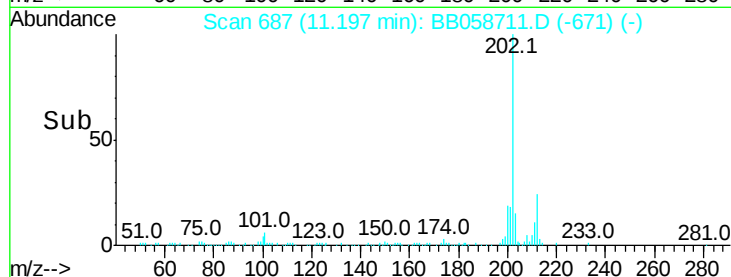
#20
Pvrene
Concen: 1.83 ng/ul
RT: 11.20 min Scan# 687
Delta R.T. -0.01 min
Lab File: BB058711.D
Acq: 9 Mar 2017 15:42

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Tot Ion:202 Resp: 145596
Ion Ratio Lower Upper
202 100
101 6.9 8.0 12.0#
100 5.1 6.8 10.2#

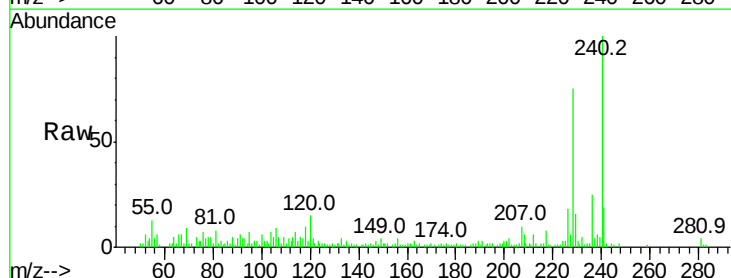


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

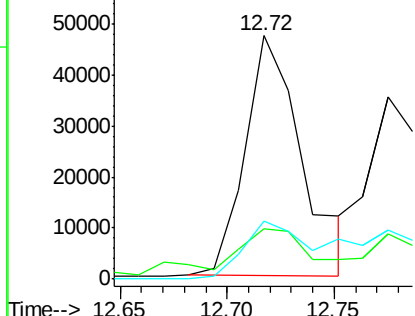
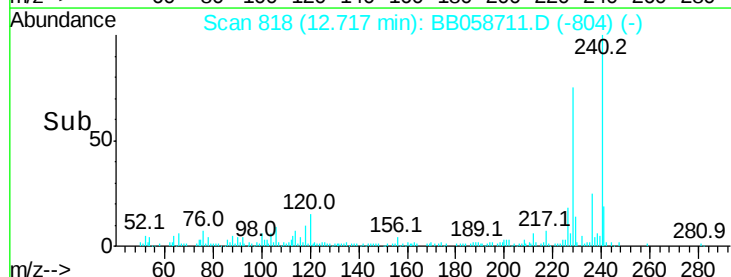


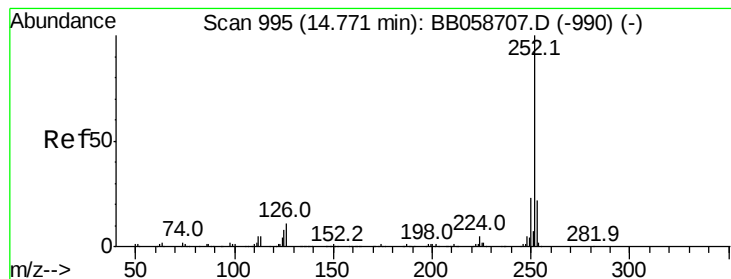
#21
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 12.72 min Scan# 818
Delta R.T. -0.04 min
Lab File: BB058711.D
Acq: 9 Mar 2017 15:42

Tgt Ion:228 Resp: 86859
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 24.0 21.0 31.6



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





#24

Benzo(b)fluoranthene

Concen: 1.40 ng/ul

RT: 14.71 min Scan# 990

Delta R.T. -0.05 min

Lab File: BB058711.D

Acq: 9 Mar 2017 15:42

Instrument :

BNA_B

ClientSampleId :

C0AJ4

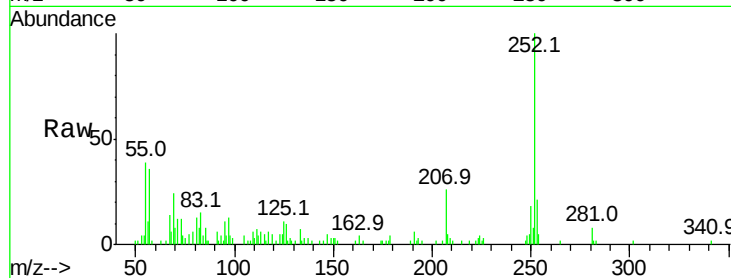
Tot Ion:252 Resp: 98868

Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.2

125 10.9 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

