

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
 Data File : BM003631.D
 Acq On : 19 Dec 2015 21:55
 Operator : UM/SJ
 Sample : G4801-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C72

Quant Time: Dec 20 01:41:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 01:33:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.70
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.49
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.35
62) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
78) Chrysene-d12	21.30	240	870	20.00	ng/ul	0.00
86) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.55

System Monitoring Compounds

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

Target Compounds

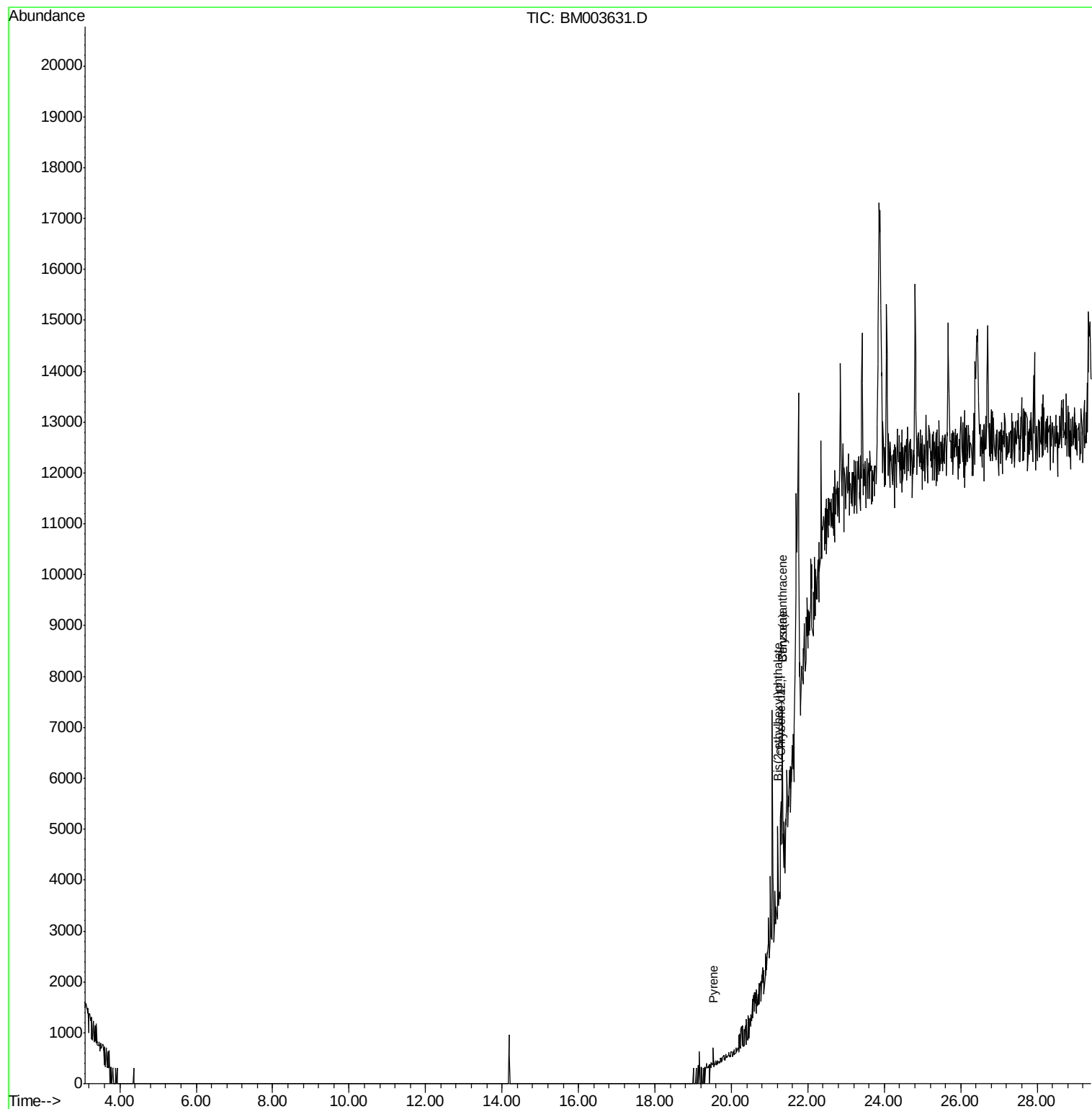
					Qvalue
80) Pyrene	19.53	202	220	4.39 ng/ul#	70
83) Benzo(a)anthracene	21.33	228	2726	51.98 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.21	149	986	27.97 ng/ul#	53
85) Chrysene	21.33	228	2726	53.90 ng/ul	99

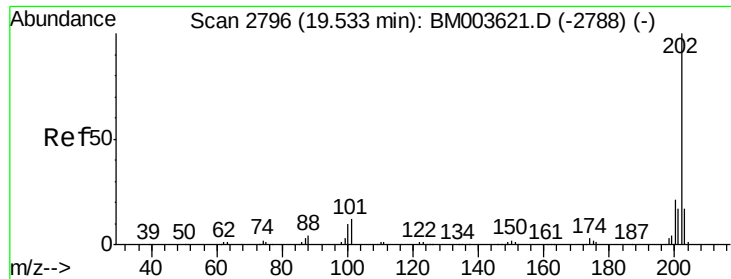
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#80

Pyrene

Concen: 4.39 ng/ul

RT: 19.53 min Scan# 2795

Delta R.T. -0.01 min

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G9C72

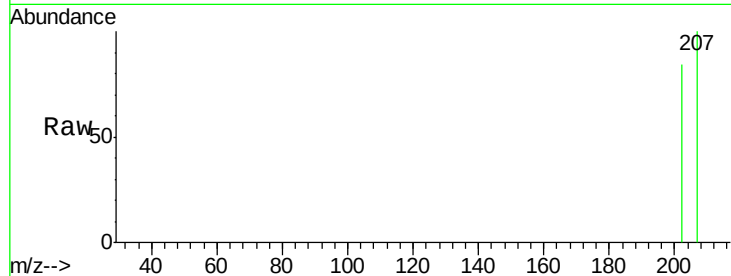
Tgt Ion:202 Resp: 220

Ion Ratio Lower Upper

202 100

101 0.0 10.2 15.2#

100 0.0 8.5 12.7#



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

19.53

300

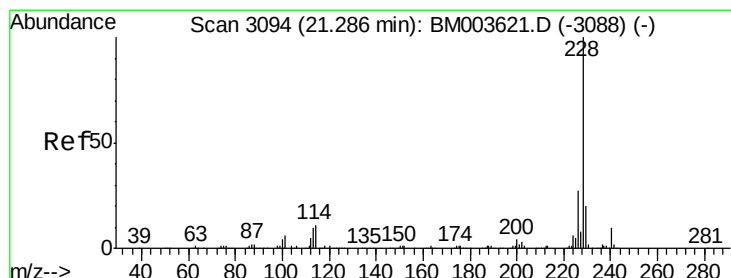
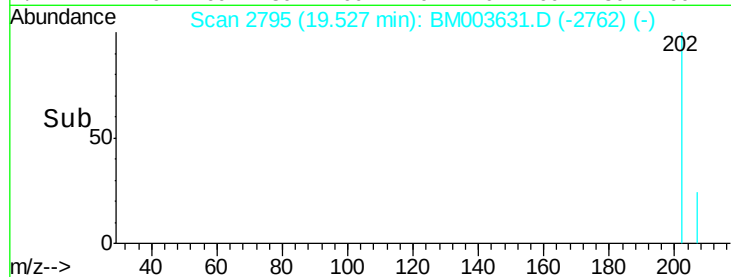
200

100

0

19.52 19.53 19.54

Time-->



#83

Benzo(a)anthracene

Concen: 51.98 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. 0.05 min

Lab File: BM003631.D

Acq: 19 Dec 2015 21:55

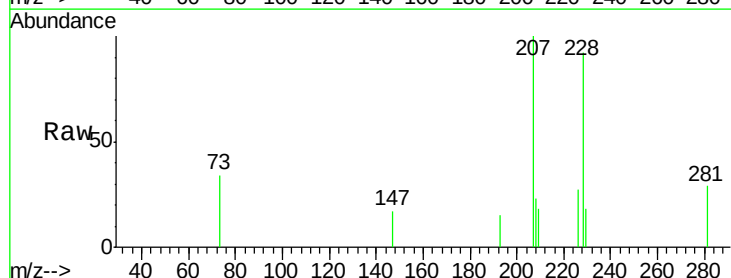
Tgt Ion:228 Resp: 2726

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 28.8 21.8 32.6



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

21.33

2500

2000

1500

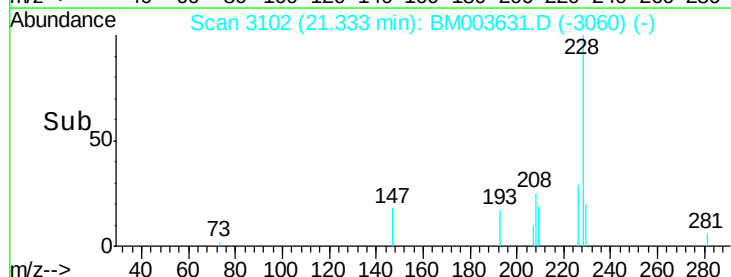
1000

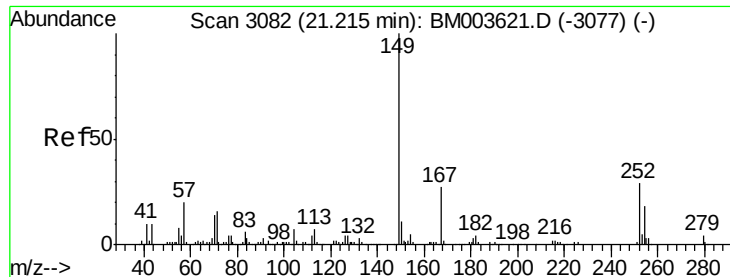
500

0

21.30 21.35

Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 27.97 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

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ClientSampleId :

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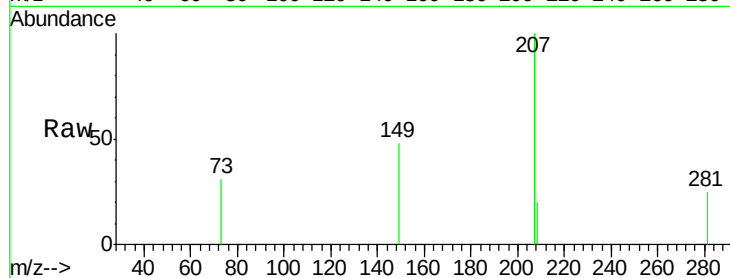
Tgt Ion:149 Resp: 986

Ion Ratio Lower Upper

149 100

167 0.0 21.6 32.4#

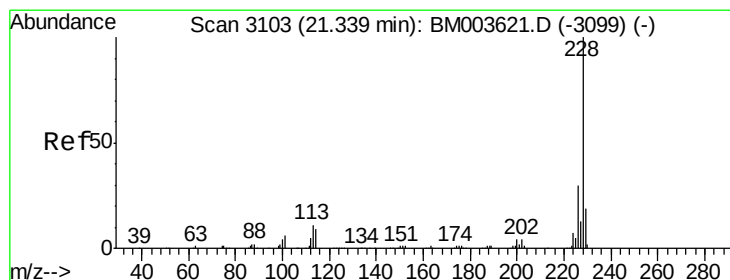
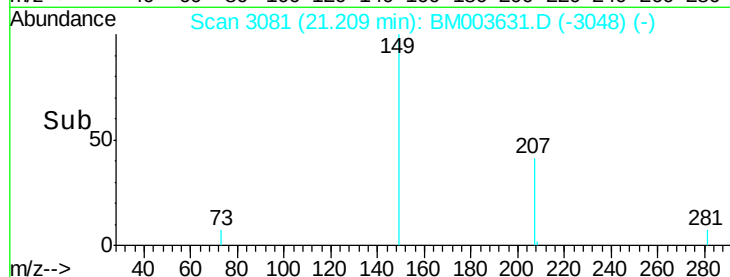
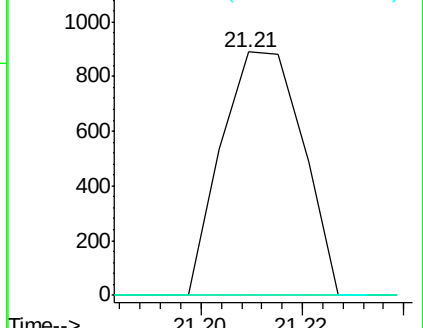
279 0.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 53.90 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

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Acq: 19 Dec 2015 21:55

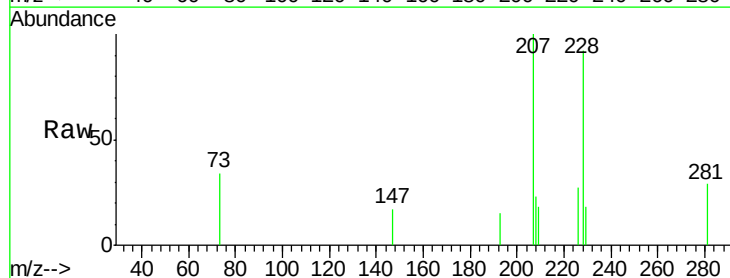
Tgt Ion:228 Resp: 2726

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

229 19.6 15.6 23.4



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

