

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004615.D
 Acq On : 16 Mar 2016 01:35
 Operator : UM/SJ
 Sample : H1710-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-I210

Quant Time: Mar 16 07:26:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 05:57:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	69301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	291830	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	161923	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	365796	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	427709	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	429889	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	6234	3.10	ng/uL	0.00
5) Phenol-d5	7.00	99	113693	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	70708	21.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	94191	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	85810	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	40850	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	42234	19.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	85007	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	117272	22.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	275877	21.79	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	336932	21.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	31646	12.93	ng/ul	0.00
58) Fluorene-d10	15.47	176	254520	23.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	24533	12.76	ng/ul	0.00
71) Anthracene-d10	17.32	188	393874	23.39	ng/ul	0.00
79) Pyrene-d10	19.61	212	416626	21.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	370695	19.31	ng/ul	0.00

Target Compounds

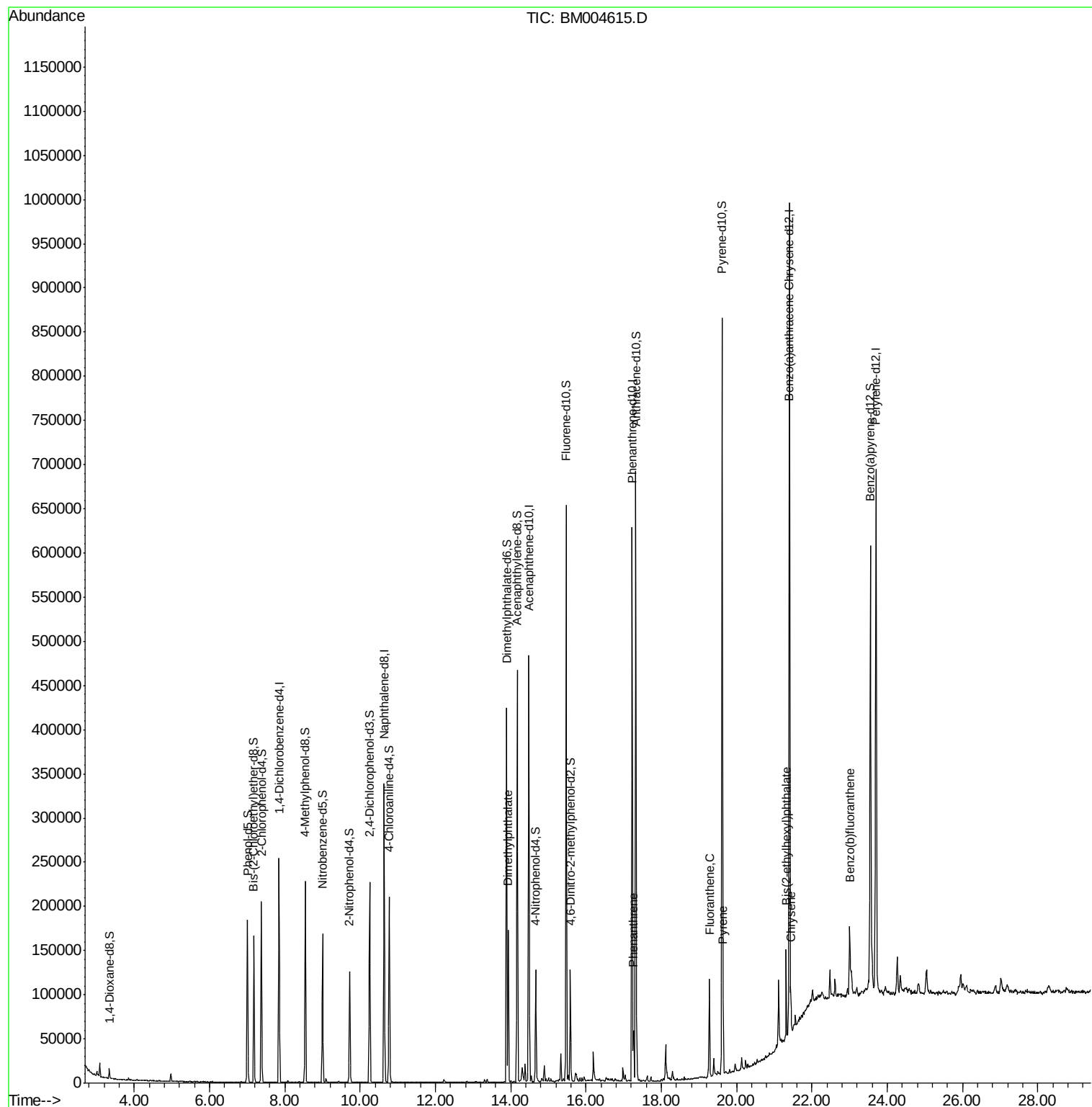
						Qvalue
45) Dimethylphthalate	13.93	163	107948	8.40	ng/ul	99
70) Phenanthrene	17.26	178	47985	2.30	ng/ul	100
77) Fluoranthene	19.27	202	64200	2.78	ng/ul	96
80) Pyrene	19.64	202	48380	1.87	ng/ul	98
83) Benzo(a)anthracene	21.39	228	29186	1.17	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.32	149	35265	2.39	ng/ul	100
85) Chrysene	21.43	228	28658	1.20	ng/ul	96
88) Benzo(b)fluoranthene	23.00	252	35606	1.39	ng/ul#	90

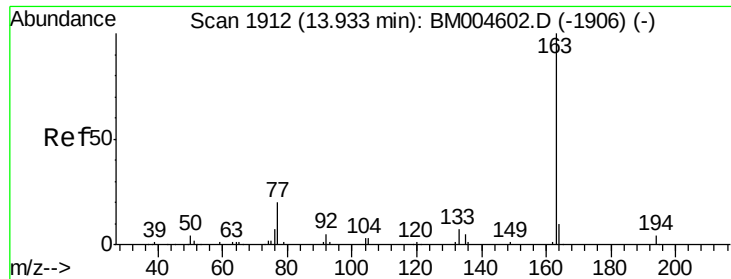
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 8.40 ng/ul

RT: 13.93 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BM004615.D

Acq: 16 Mar 2016 01:35

Instrument :

BNA_M

ClientSampleId :

MS-SS-I210

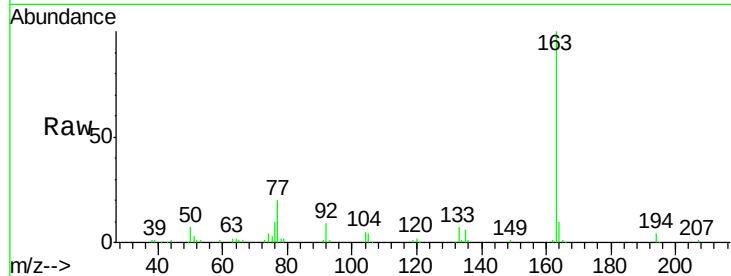
Tgt Ion:163 Resp: 107948

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

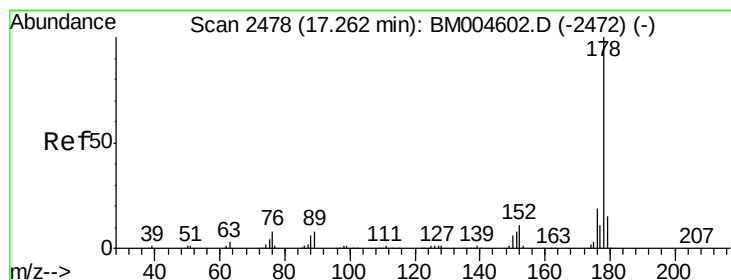
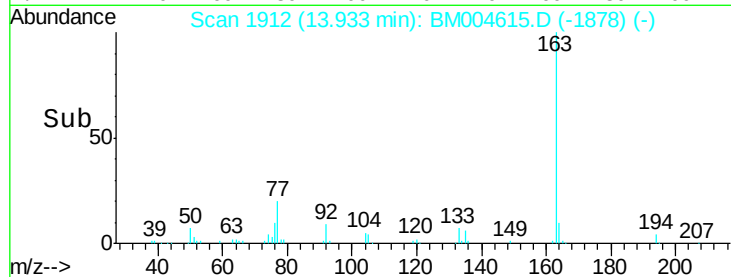
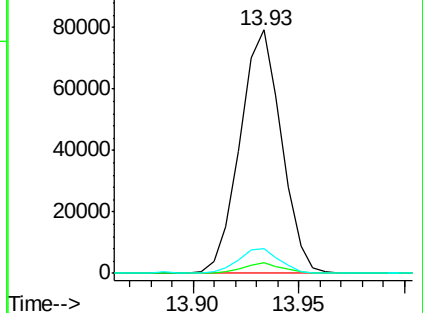
164 10.0 7.8 11.8



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



#70

Phenanthrene

Concen: 2.30 ng/ul

RT: 17.26 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM004615.D

Acq: 16 Mar 2016 01:35

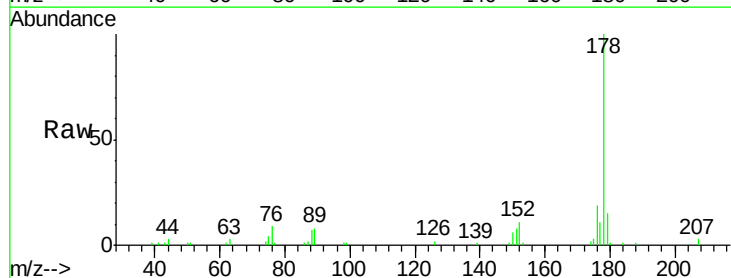
Tgt Ion:178 Resp: 47985

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

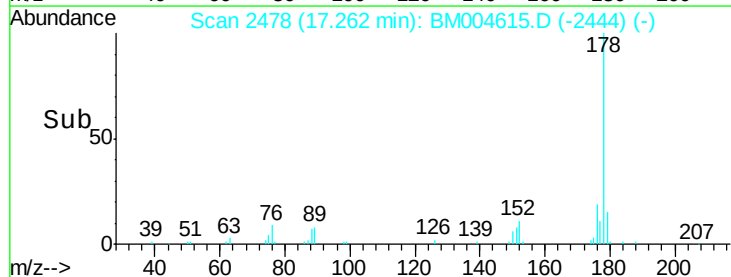
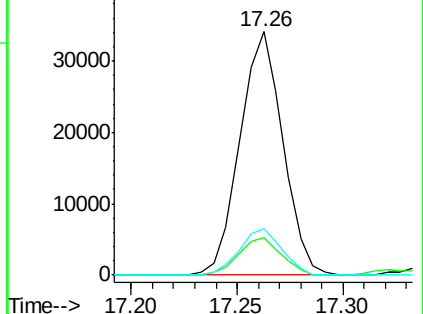
176 19.2 15.6 23.4

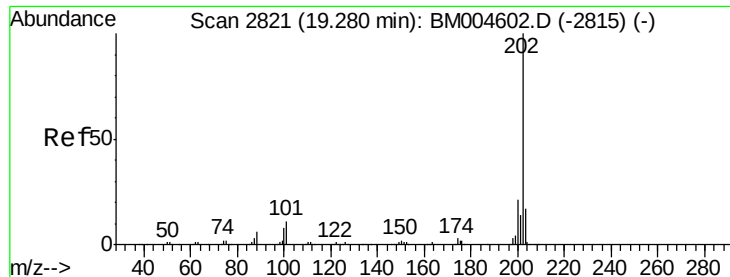


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 2.78 ng/ul

RT: 19.27 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM004615.D

Acq: 16 Mar 2016 01:35

Instrument :

BNA_M

ClientSampleId :

MS-SS-I210

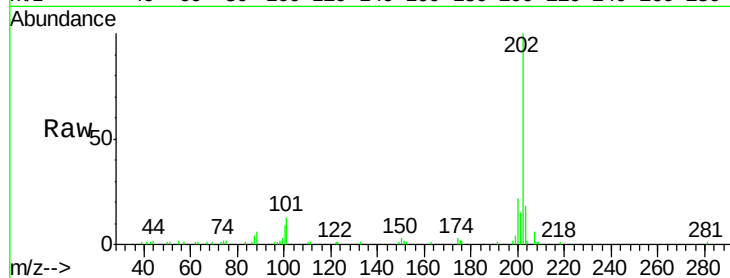
Tgt Ion:202 Resp: 64200

Ion Ratio Lower Upper

202 100

101 12.9 8.8 13.2

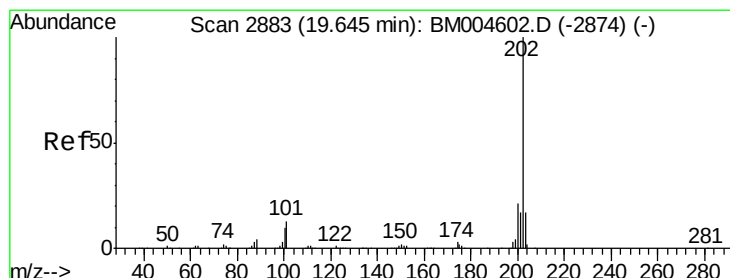
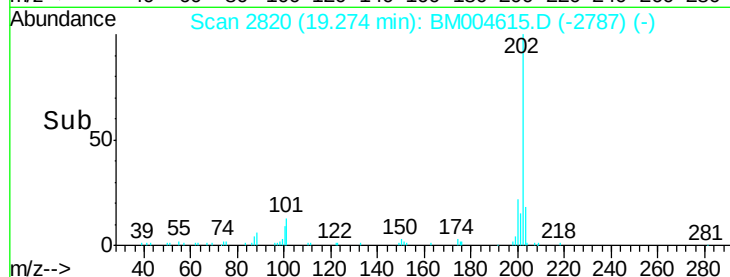
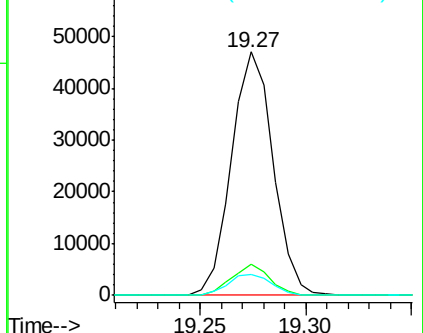
100 8.7 6.6 9.8



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



#80

Pyrene

Concen: 1.87 ng/ul

RT: 19.64 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BM004615.D

Acq: 16 Mar 2016 01:35

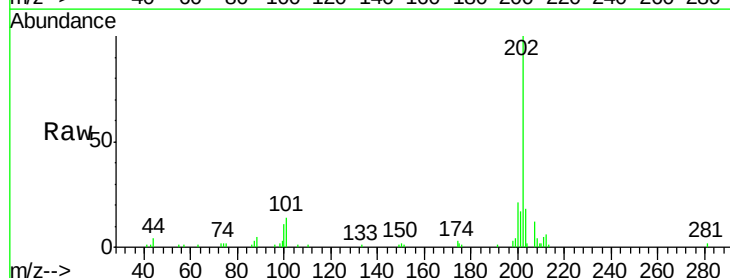
Tgt Ion:202 Resp: 48380

Ion Ratio Lower Upper

202 100

101 13.7 10.2 15.2

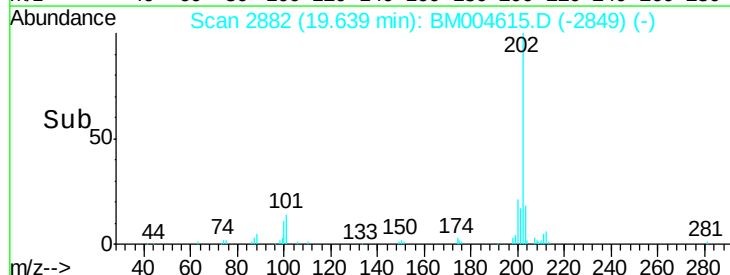
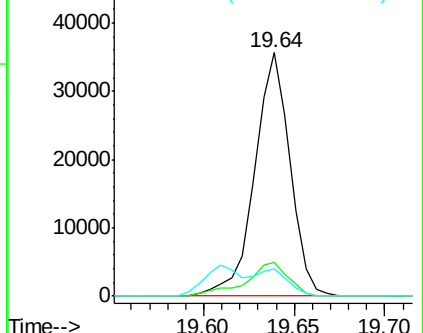
100 11.0 8.5 12.7

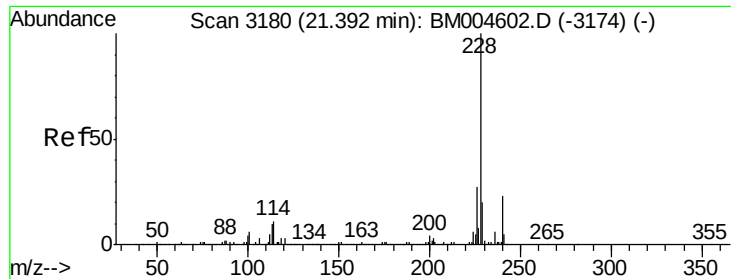


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

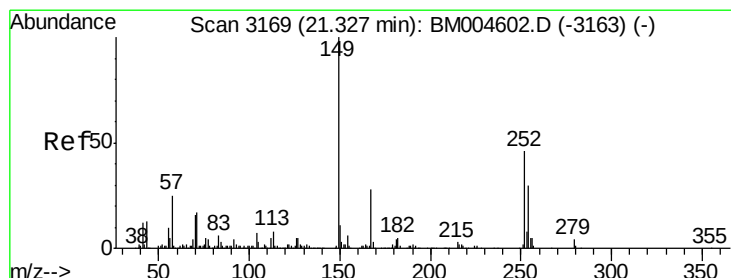
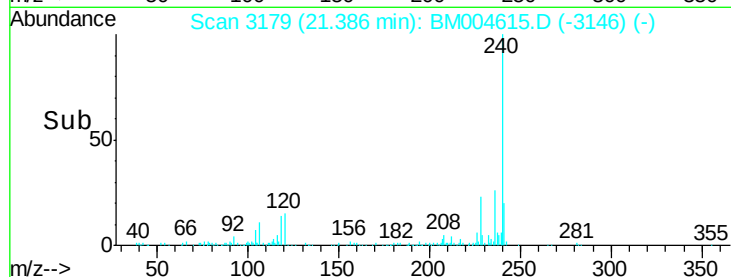
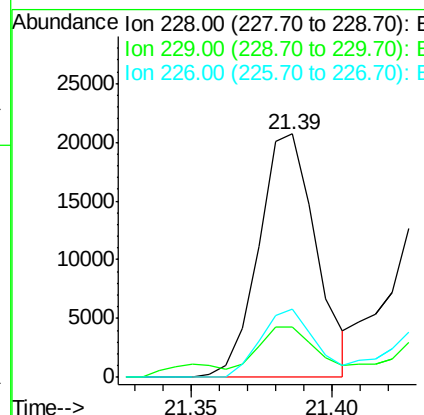
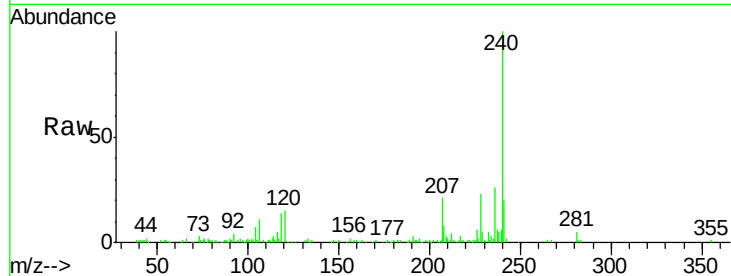




#83
 Benzo(a)anthracene
 Concen: 1.17 ng/ul
 RT: 21.39 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BM004615.D
 Acq: 16 Mar 2016 01:35

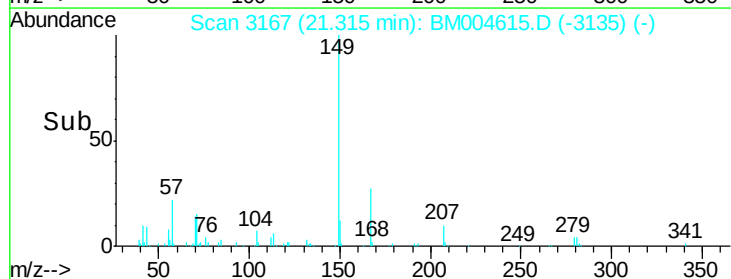
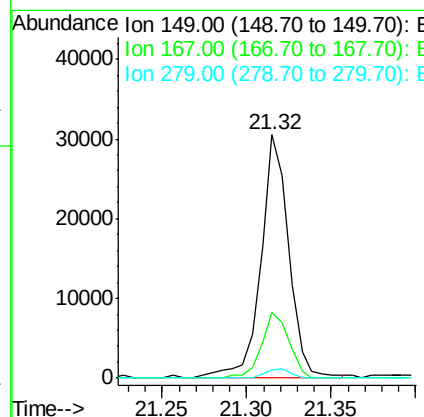
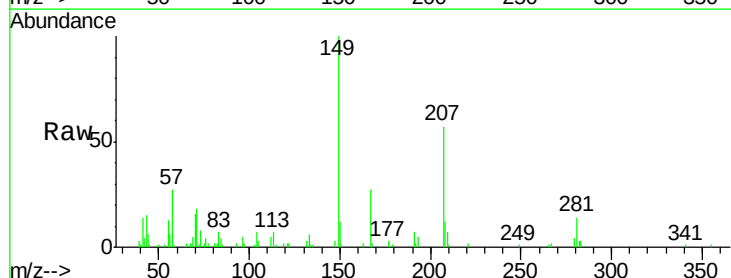
Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-I210

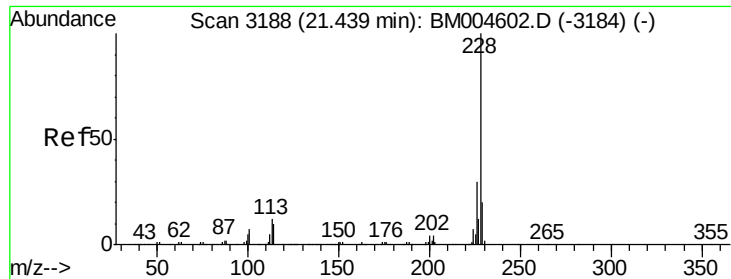
Tgt Ion: 228 Resp: 29186
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.7 23.5
 226 27.9 21.8 32.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.39 ng/ul
 RT: 21.32 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BM004615.D
 Acq: 16 Mar 2016 01:35

Tgt Ion: 149 Resp: 35265
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.6 32.4
 279 3.5 3.0 4.4





#85

Chrysene

Concen: 1.20 ng/ul

RT: 21.43 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BM004615.D

Acq: 16 Mar 2016 01:35

Instrument :

BNA_M

ClientSampleId :

MS-SS-I210

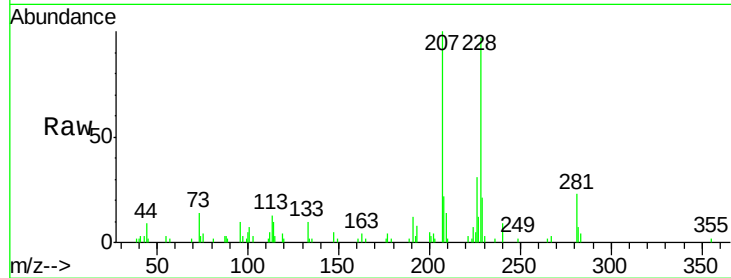
Tgt Ion:228 Resp: 28658

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

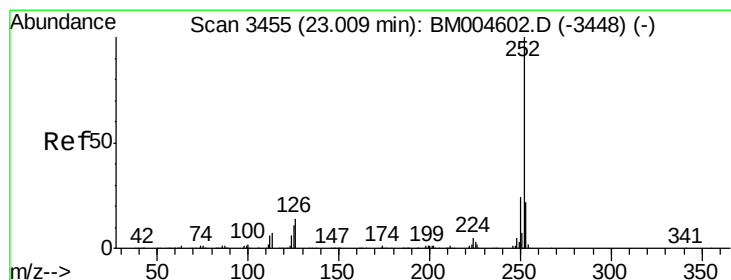
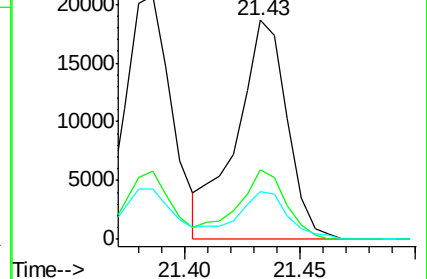
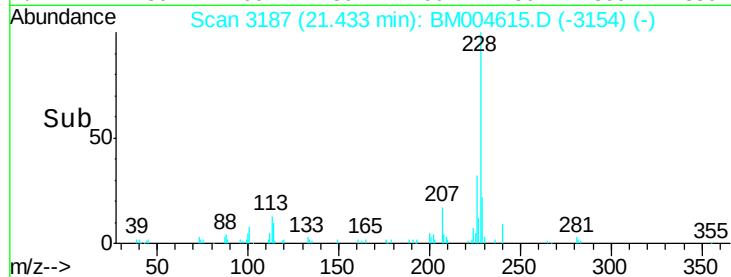
229 21.9 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 1.39 ng/ul

RT: 23.00 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM004615.D

Acq: 16 Mar 2016 01:35

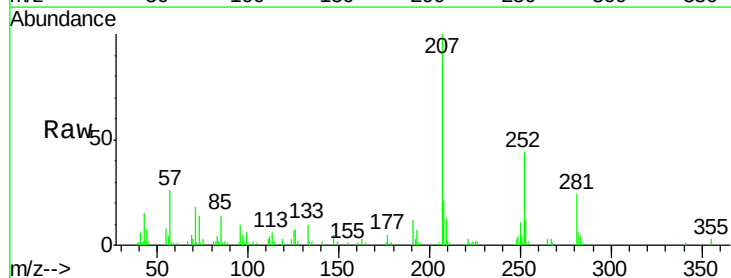
Tgt Ion:252 Resp: 35606

Ion Ratio Lower Upper

252 100

253 26.0 17.5 26.3

125 15.2 8.5 12.7#



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

