

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006539.D
 Acq On : 20 Jul 2016 01:50
 Operator : UM/SJ
 Sample : H4029-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJB2

Quant Time: Jul 20 04:25:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	189508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	813644	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	456362	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	1030737	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1189818	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1263411	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	6829	1.52	ng/uL	0.00
5) Phenol-d5	6.79	99	272373	17.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	166817	17.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	211650	16.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	212515	17.22	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	98270	15.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	107194	15.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	197163	14.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	281882	20.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	615750	16.49	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	776095	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	87342	13.46	ng/ul	0.00
57) Fluorene-d10	15.26	176	554577	16.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	70967	11.90	ng/ul	0.00
70) Anthracene-d10	17.11	188	844389	17.33	ng/ul	0.00
76) Pyrene-d10	19.42	212	964872	17.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1045692	18.10	ng/ul	0.00

Target Compounds

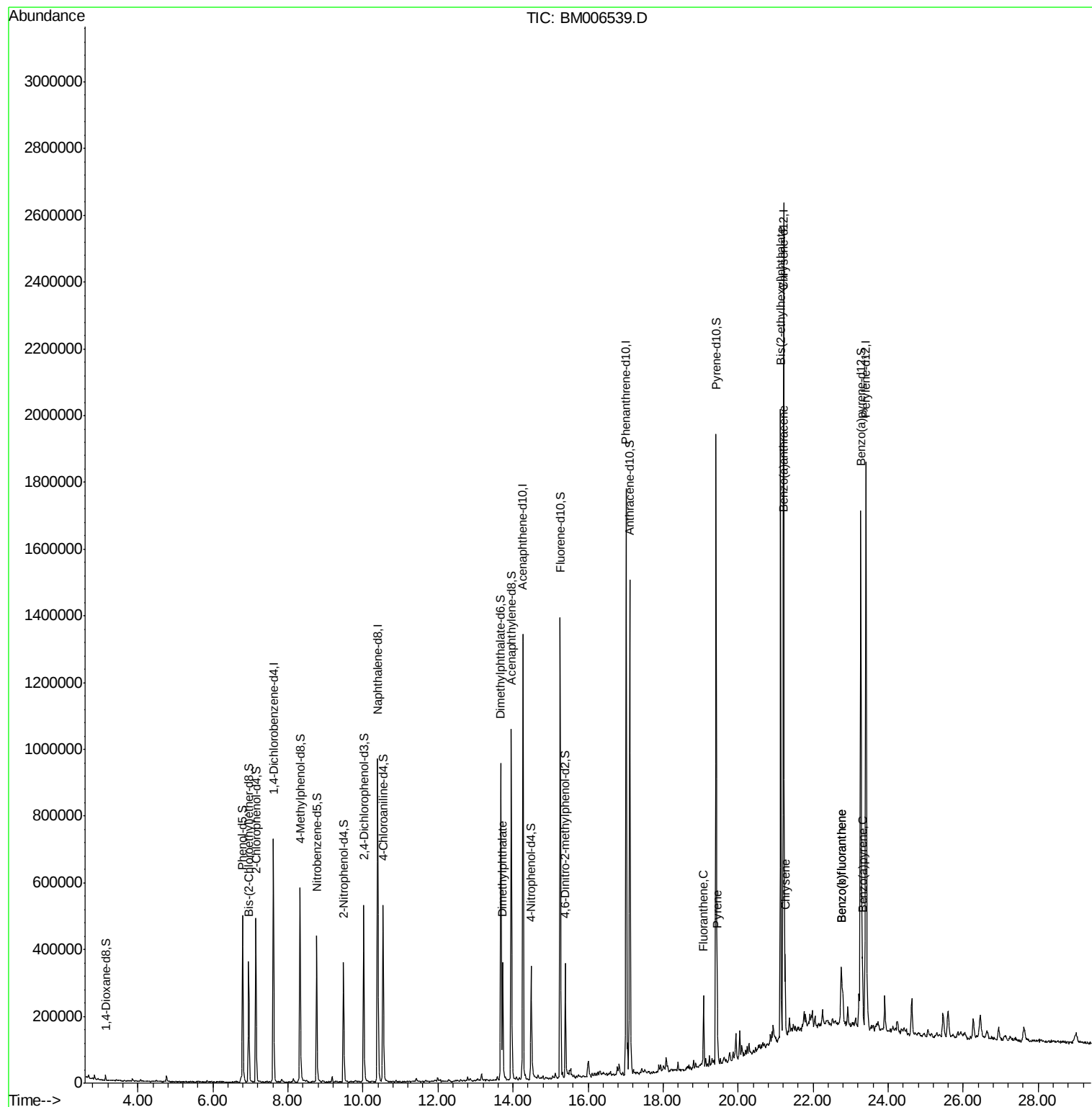
						Qvalue
44) Dimethylphthalate	13.72	163	212517	5.61	ng/ul	98
74) Fluoranthene	19.08	202	125499	1.91	ng/ul	98
77) Pyrene	19.44	202	132394	1.86	ng/ul	99
80) Benzo(a)anthracene	21.20	228	110800	1.53	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.13	149	602498	13.89	ng/ul	99
82) Chrysene	21.25	228	122484	1.79	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	135935	1.80	ng/ul#	97
86) Benzo(k)fluoranthene	22.76	252	135935	1.91	ng/ul#	97
88) Benzo(a)pyrene	23.31	252	125026	1.73	ng/ul#	98

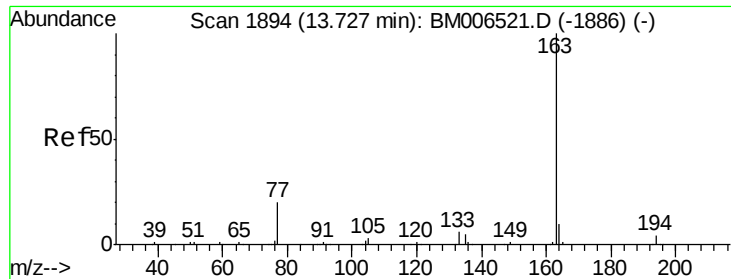
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.61 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006539.D

Acq: 20 Jul 2016 01:50

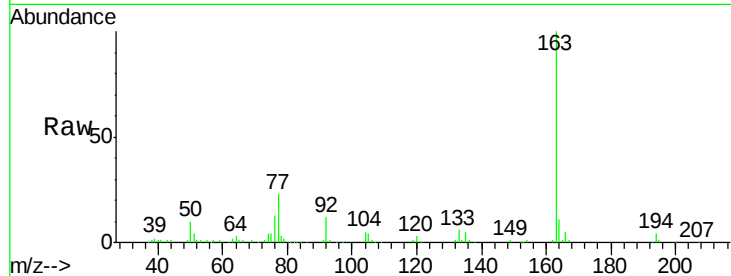
Instrument :

BNA_M

ClientSampleId :

BDJB2

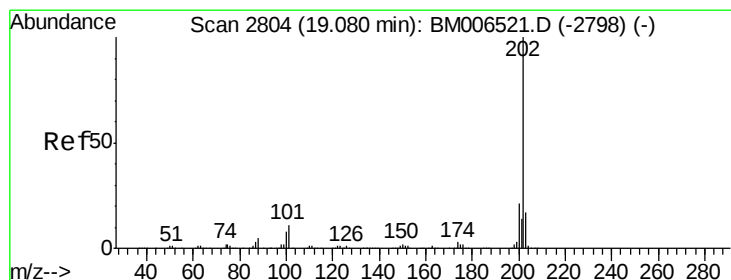
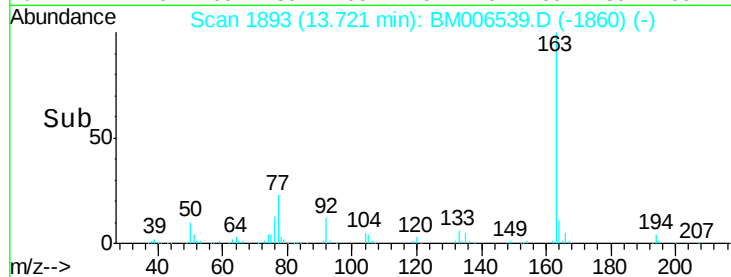
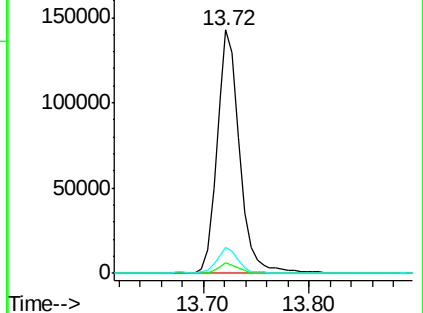
Tgt Ion:	163	Resp:	212517
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.7	7.8	11.8



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



#74

Fluoranthene

Concen: 1.91 ng/ul

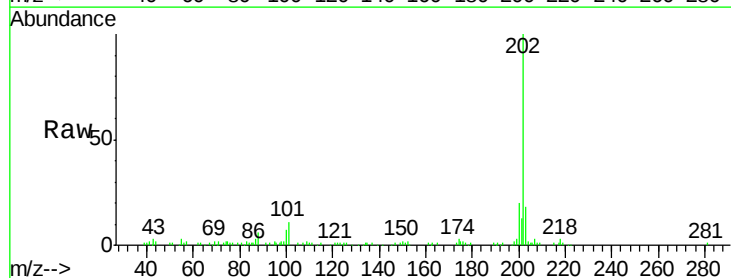
RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006539.D

Acq: 20 Jul 2016 01:50

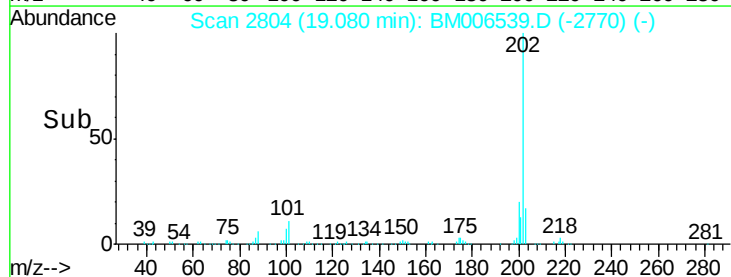
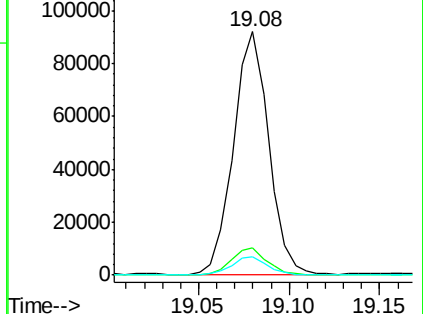
Tgt Ion:	202	Resp:	125499
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.6	12.8
100	7.5	6.4	9.6

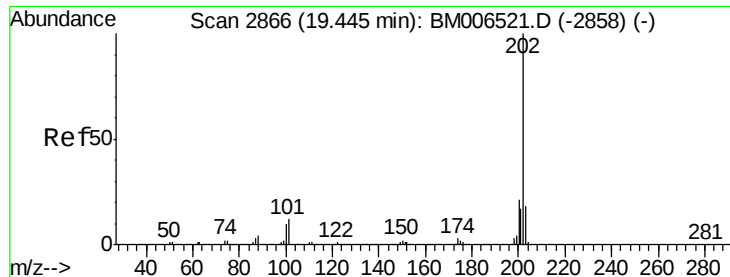


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

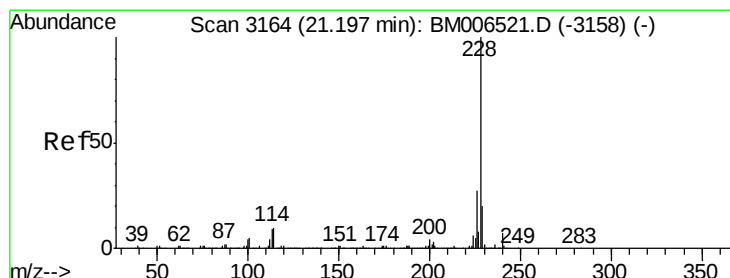
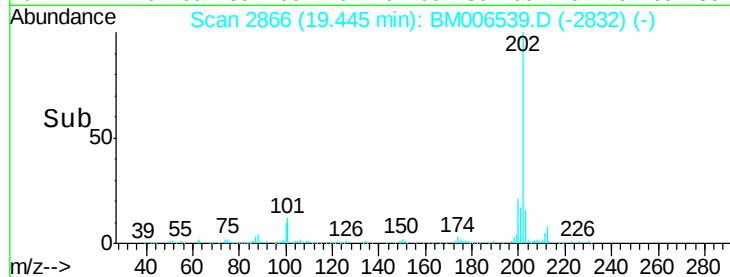
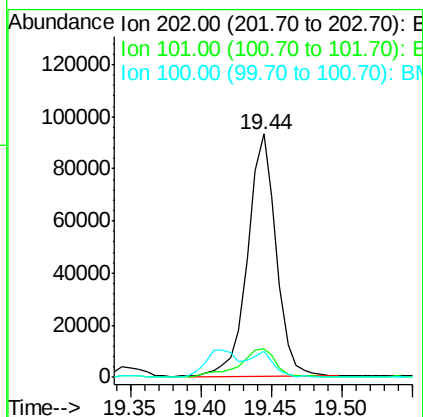
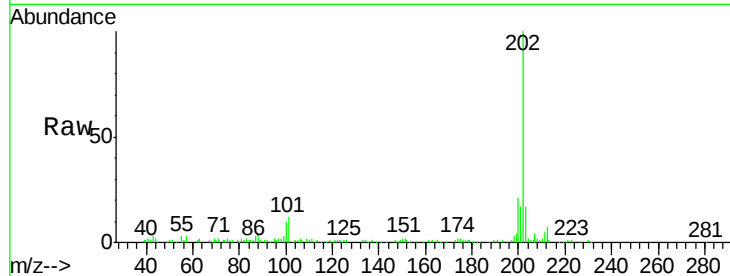




#77
 Pyrene
 Concen: 1.86 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BM006539.D
 Acq: 20 Jul 2016 01:50

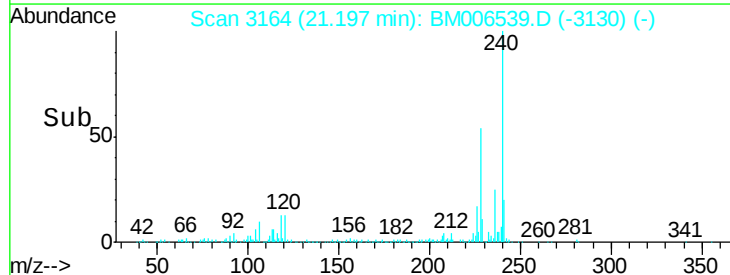
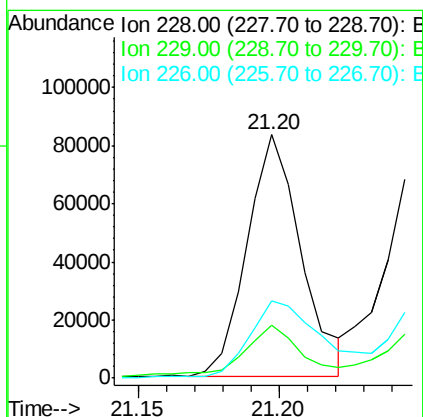
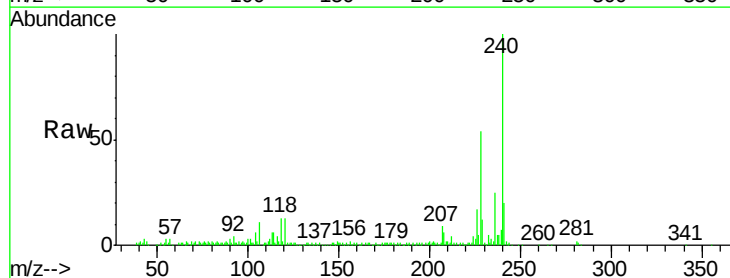
Instrument :
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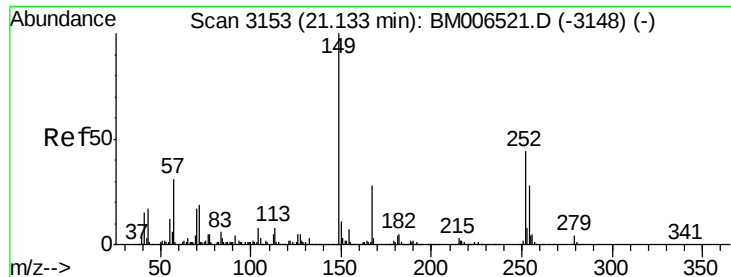
Tgt Ion:202 Resp: 132394
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.0 15.0
 100 10.4 7.9 11.9



#80
 Benzo(a)anthracene
 Concen: 1.53 ng/ul
 RT: 21.20 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BM006539.D
 Acq: 20 Jul 2016 01:50

Tgt Ion:228 Resp: 110800
 Ion Ratio Lower Upper
 228 100
 229 21.8 15.6 23.4
 226 31.7 21.4 32.2





#81

Bis(2-ethylhexyl)phthalate

Concen: 13.89 ng/ul

RT: 21.13 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BM006539.D

Acq: 20 Jul 2016 01:50

Instrument :

BNA_M

ClientSampleId :

BDJB2

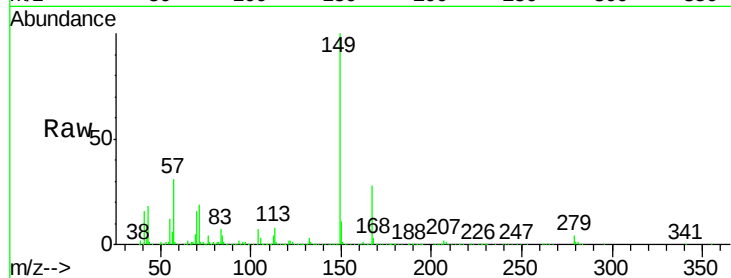
Tgt Ion:149 Resp: 602498

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

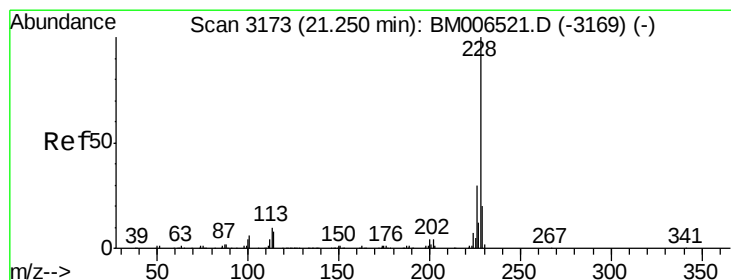
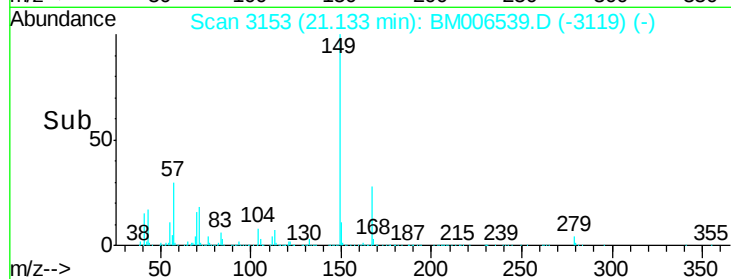
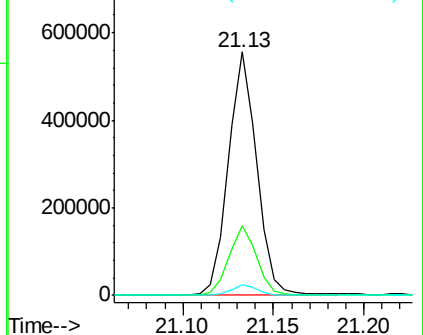
279 4.3 3.1 4.7



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



#82

Chrysene

Concen: 1.79 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BM006539.D

Acq: 20 Jul 2016 01:50

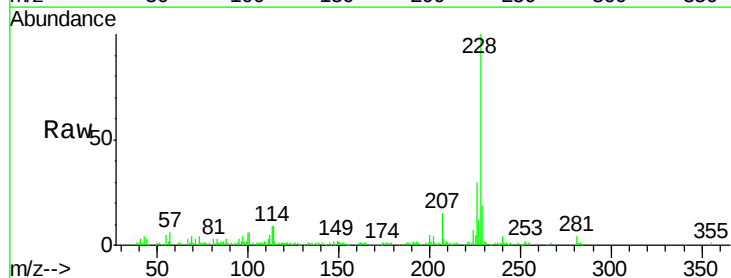
Tgt Ion:228 Resp: 122484

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

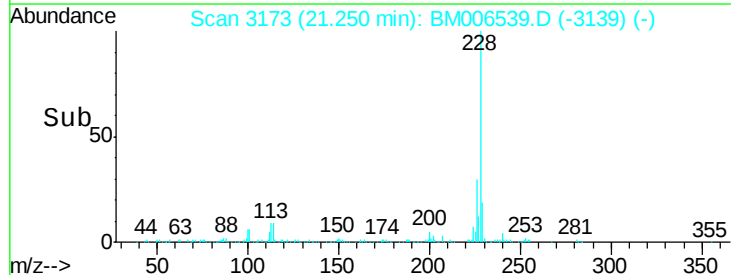
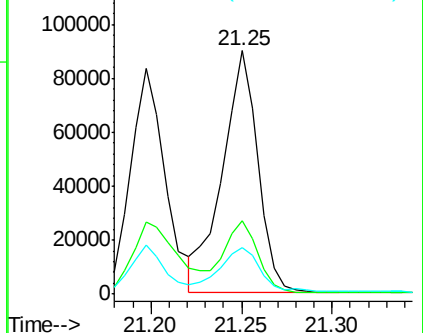
229 19.2 15.8 23.8

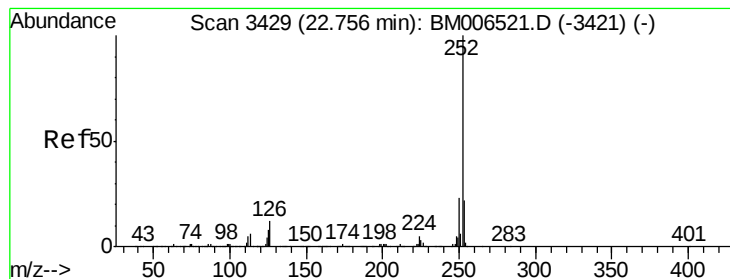


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.80 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006539.D

Acq: 20 Jul 2016 01:50

Instrument :

BNA_M

ClientSampleId :

BDJB2

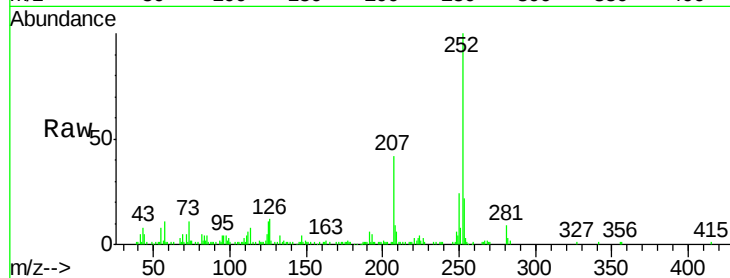
Tgt Ion:252 Resp: 135935

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

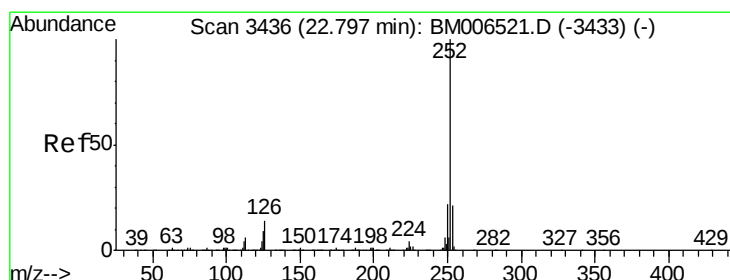
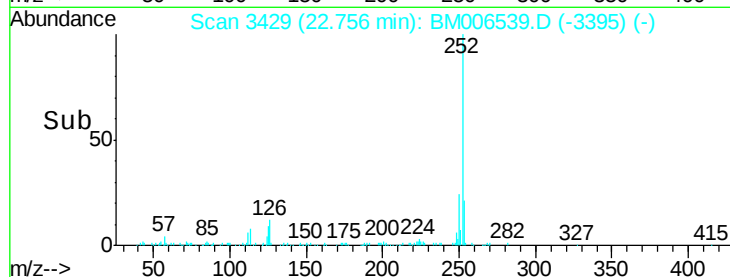
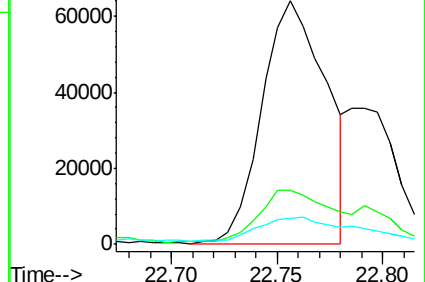
125 10.9 6.7 10.1#



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



#86

Benzo(k)fluoranthene

Concen: 1.91 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. -0.04 min

Lab File: BM006539.D

Acq: 20 Jul 2016 01:50

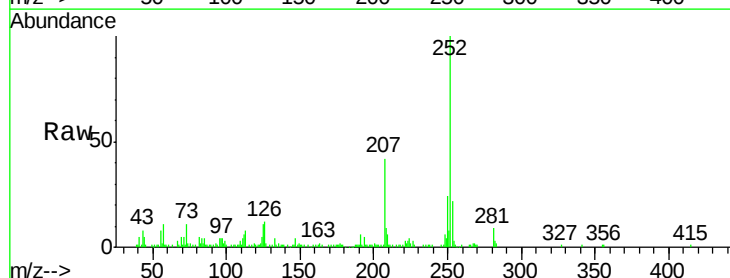
Tgt Ion:252 Resp: 135935

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

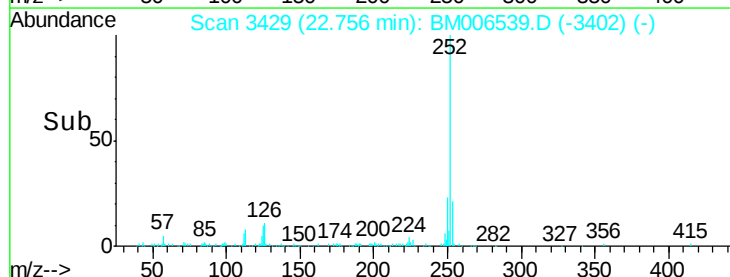
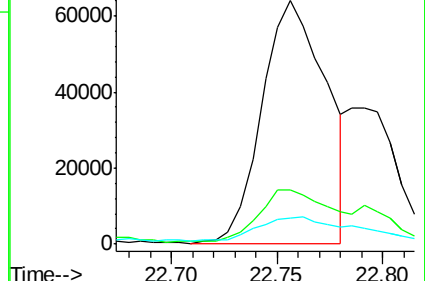
125 10.9 7.0 10.4#

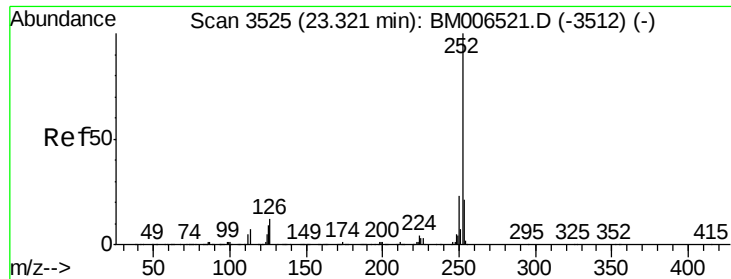


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.73 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006539.D

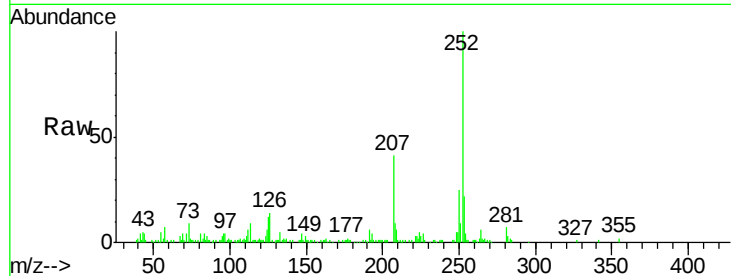
Acq: 20 Jul 2016 01:50

Instrument :

BNA_M

ClientSampleId :

BDJB2



Tgt Ion:	252	Resp:	125026
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.7	7.6	11.4#

