

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001989.D
 Acq On : 21 Jul 2015 00:25
 Operator : TP/UM
 Sample : G3000-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J2

Manual Integrations
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Quant Time: Jul 21 02:33:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	203452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	848779	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	510449	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1059335	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	921559	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	861534	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3556	0.85	ng/uL	0.00
5) Phenol-d5	6.83	99	106128	6.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	59339	6.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	87491	6.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	65328	4.79	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45967	7.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	50048	7.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	103738	7.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	52960	3.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	313585	7.62	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	390300	7.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	45919	6.59	ng/ul	0.00
57) Fluorene-d10	15.31	176	276383	7.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	3214	0.47	ng/ul	0.00
70) Anthracene-d10	17.16	188	384449	7.73	ng/ul	0.00
78) Pyrene-d10	19.47	212	367335	8.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	288329	6.62	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	8.47	105	74609	3.46	ng/ul	99
44) Dimethylphthalate	13.77	163	274620	6.56	ng/ul	98
69) Phenanthrene	17.11	178	318253	5.55	ng/ul	97
71) Anthracene	17.20	178	71536m	1.21	ng/ul	
75) Di-n-butylphthalate	18.03	149	412475	6.70	ng/ul	98
76) Fluoranthene	19.13	202	469716	7.00	ng/ul	98
79) Pyrene	19.50	202	476454	8.64	ng/ul#	96
82) Benzo(a)anthracene	21.25	228	176557	3.22	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.17	149	125716	4.09	ng/ul#	91
84) Chrysene	21.30	228	241226	4.70	ng/ul#	92
87) Benzo(b)fluoranthene	22.83	252	330908	6.27	ng/ul#	86
88) Benzo(k)fluoranthene	22.86	252	96763m	1.91	ng/ul	
90) Benzo(a)pyrene	23.40	252	194446	3.92	ng/ul#	83
91) Indeno(1,2,3-cd)pyrene	25.74	276	164494	3.16	ng/ul	98
93) Benzo(g,h,i)perylene	26.44	276	158453	3.70	ng/ul#	94

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

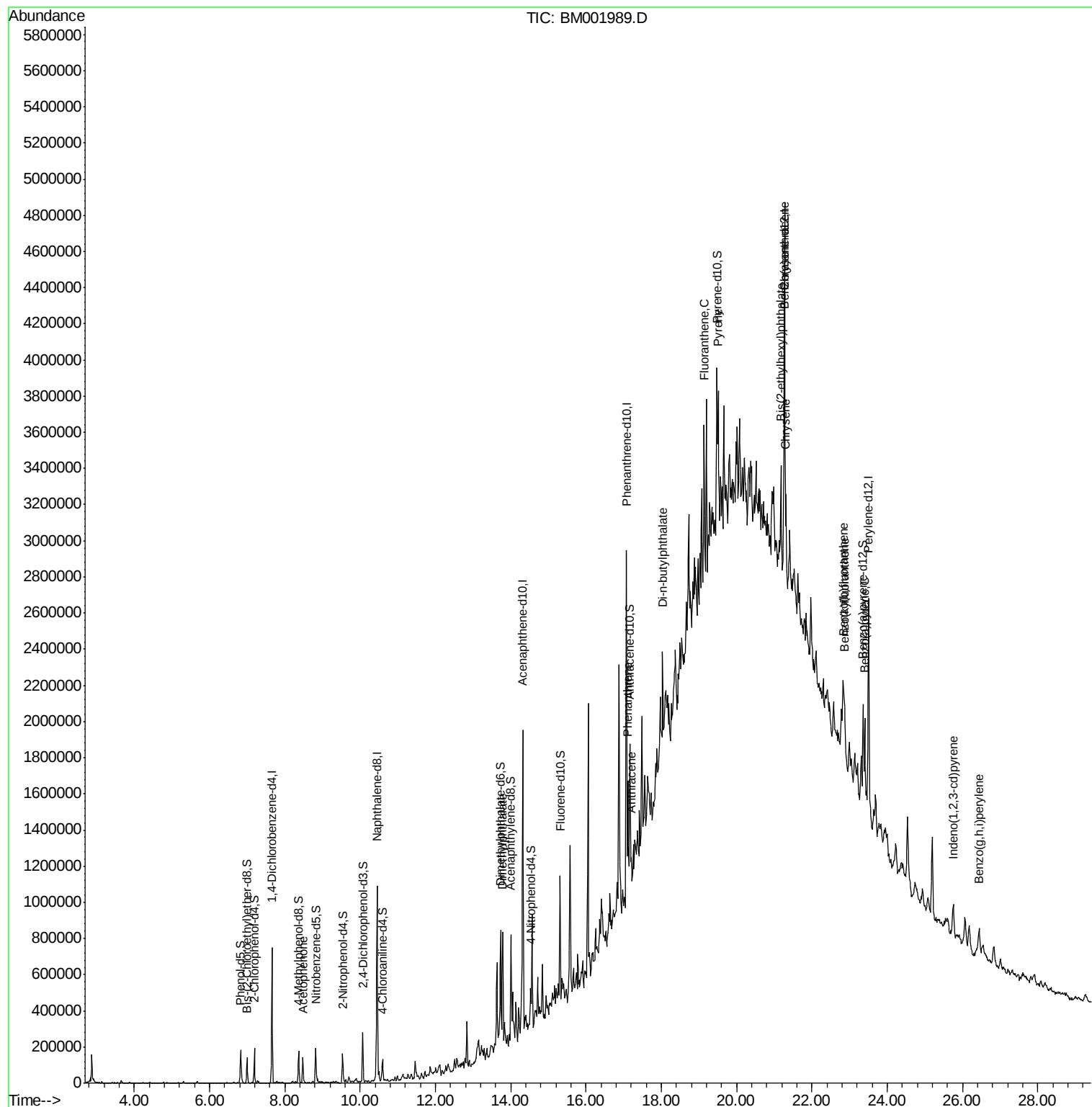
Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001989.D
Acq On : 21 Jul 2015 00:25
Operator : TP/UM
Sample : G3000-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

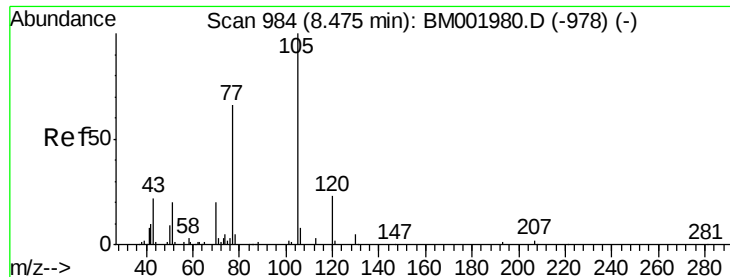
Instrument :
BNA_M
ClientSampleId :
C02J2

Quant Time: Jul 21 02:33:50 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
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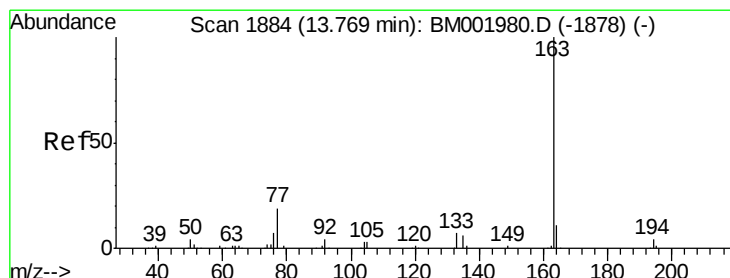
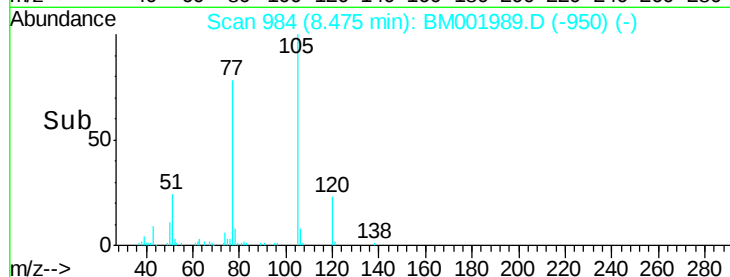
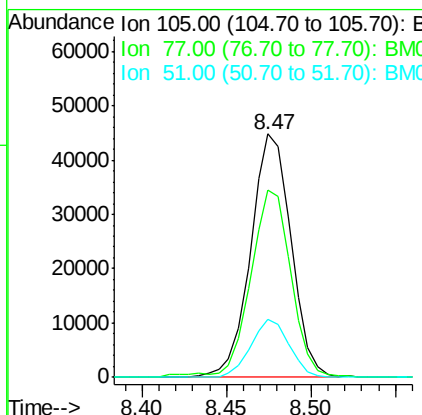
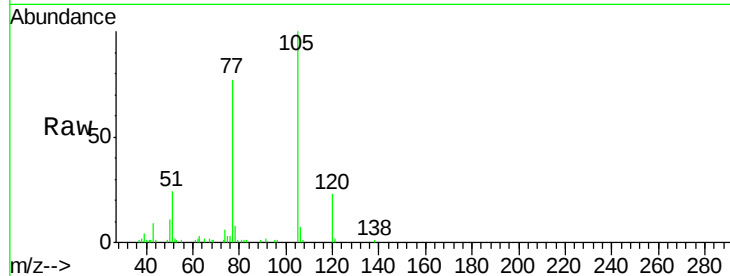
#14
Acetophenone
Concen: 3.46 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Instrument :
BNA_M
ClientSampleId :
C02J2

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	74609		
77	76.9	61.7	92.5	
51	23.6	20.2	30.4	

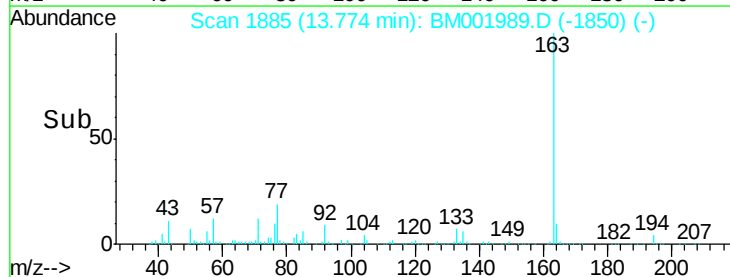
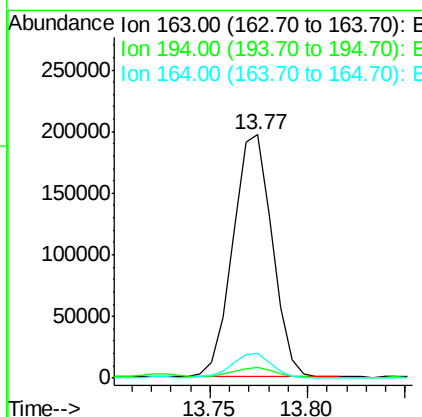
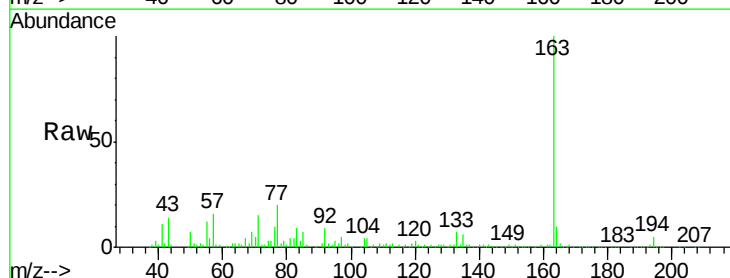
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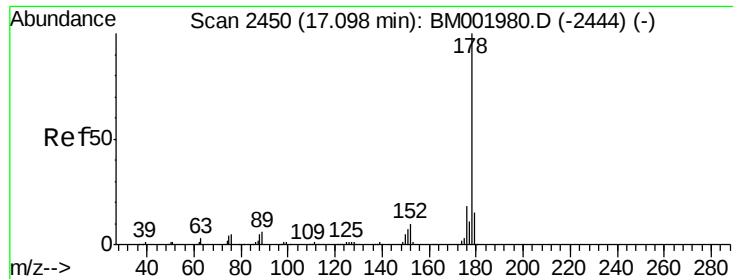
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#44
Dimethylphthalate
Concen: 6.56 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	274620		
194	4.5	3.3	4.9	
164	10.3	7.6	11.4	





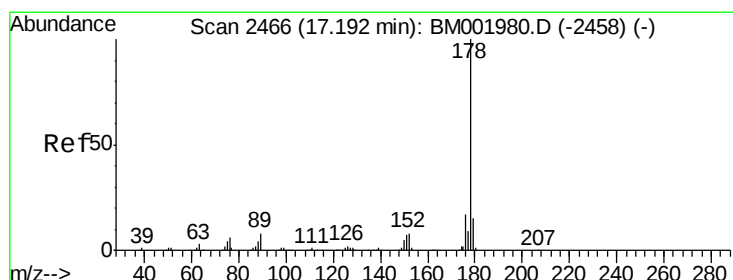
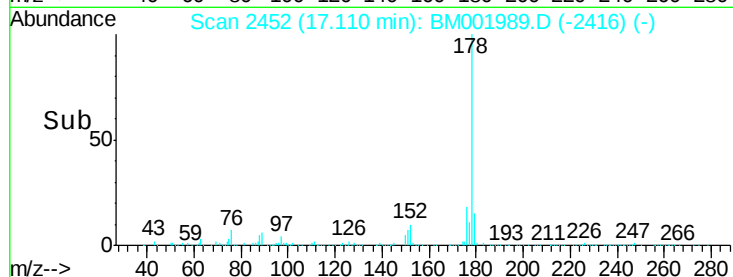
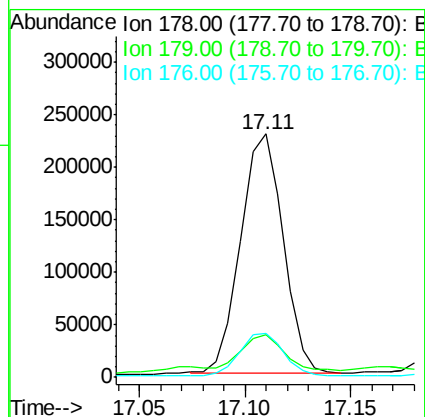
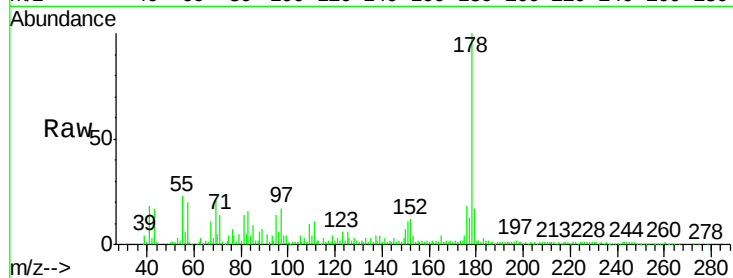
#69
Phenanthrene
Concen: 5.55 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Instrument :
BNA_M
ClientSampleId :
C02J2

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	318253		
179	17.5	12.2	18.2	
176	18.1	14.5	21.7	

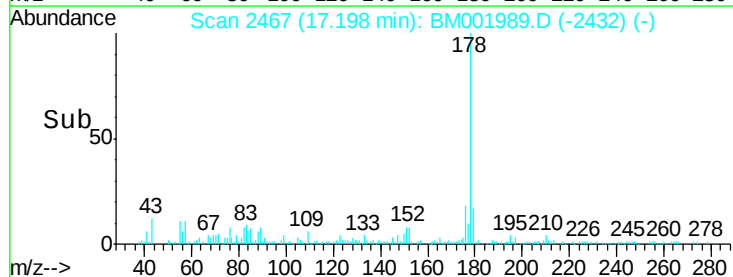
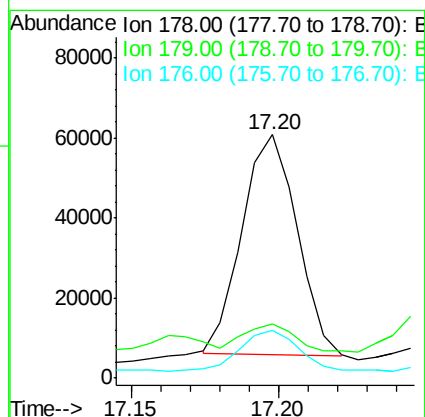
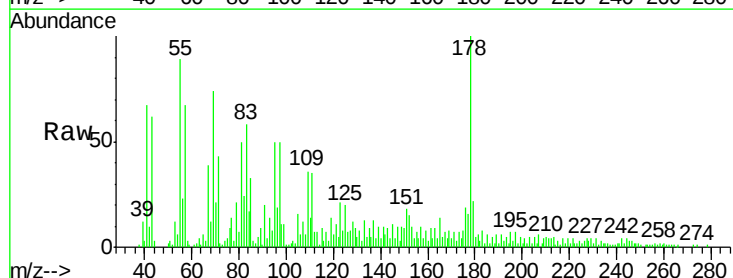
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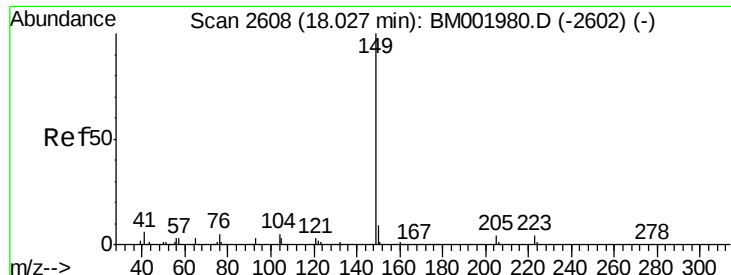
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#71
Anthracene
Concen: 1.21 ng/ul m
RT: 17.20 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	71536		
179	22.1	12.4	18.6#	
176	19.4	14.2	21.4	





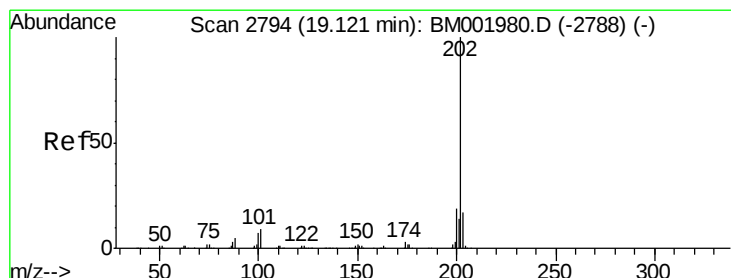
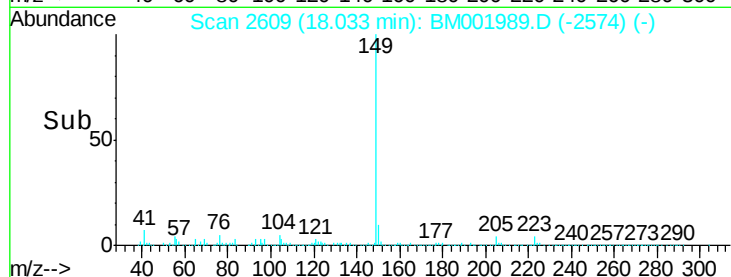
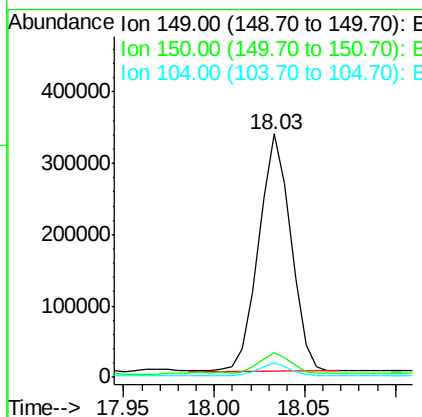
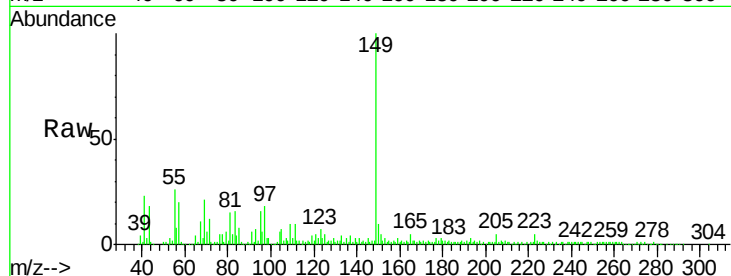
#75
Di-n-butylphthalate
Concen: 6.70 ng/ul
RT: 18.03 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Instrument :
BNA_M
ClientSampleId :
C02J2

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	10.3	7.3	10.9
104	5.7	4.5	6.7

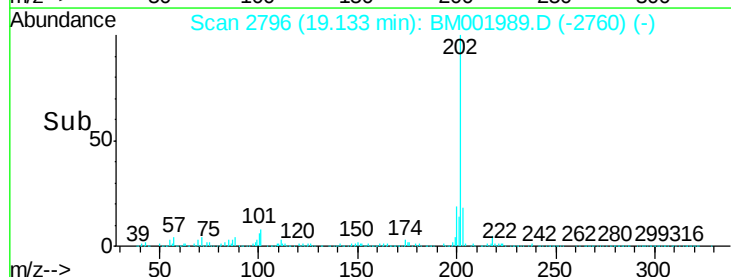
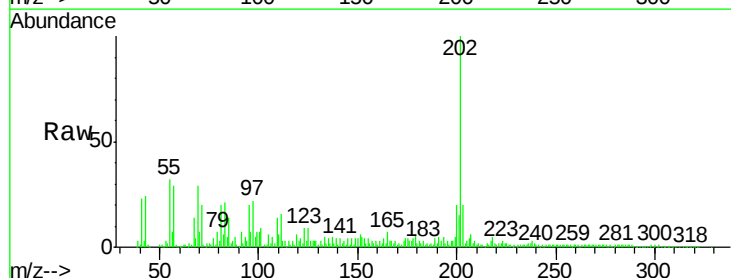
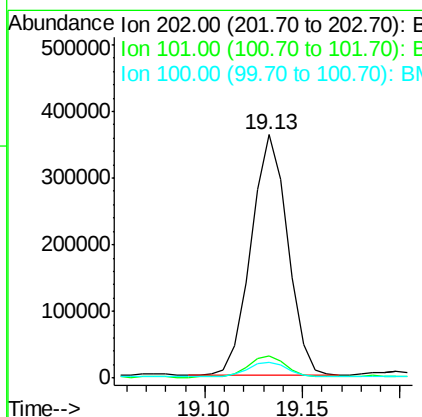
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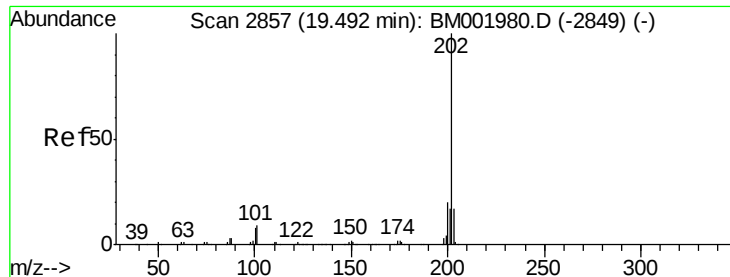
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#76
Fluoranthene
Concen: 7.00 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	6.6	9.8
100	6.7	5.2	7.8





#79

Pyrene

Concen: 8.64 ng/ul

RT: 19.50 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

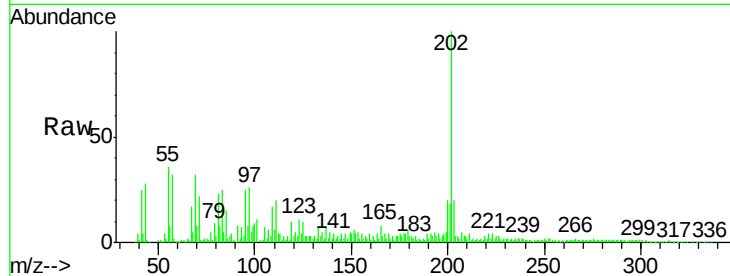
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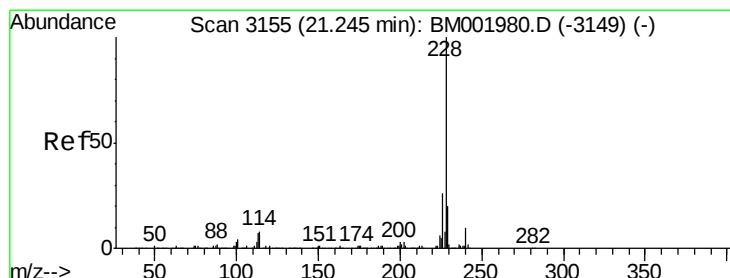
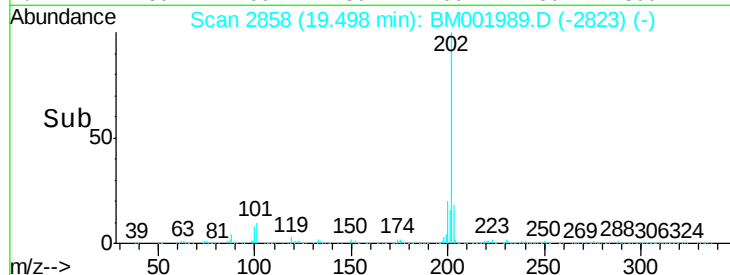
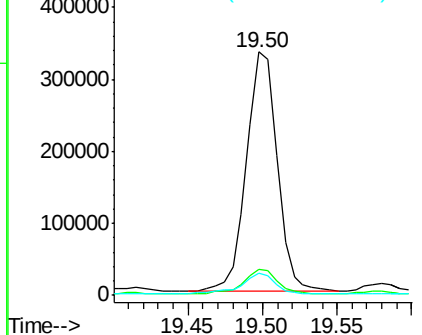
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	476454		
101	10.6	7.4	11.0	
100	8.9	5.9	8.9#	



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



#82

Benzo(a)anthracene

Concen: 3.22 ng/ul

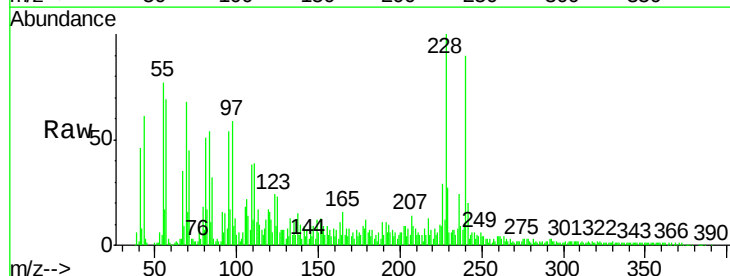
RT: 21.25 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

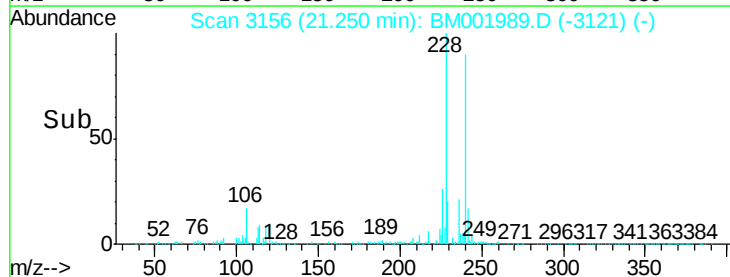
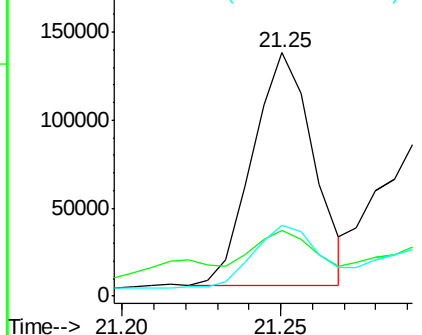
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	176557		
229	27.0	15.2	22.8#	
226	29.2	20.8	31.2	

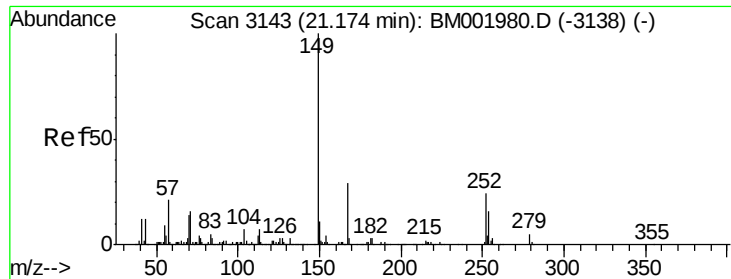


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.09 ng/ul

RT: 21.17 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BM001989.D

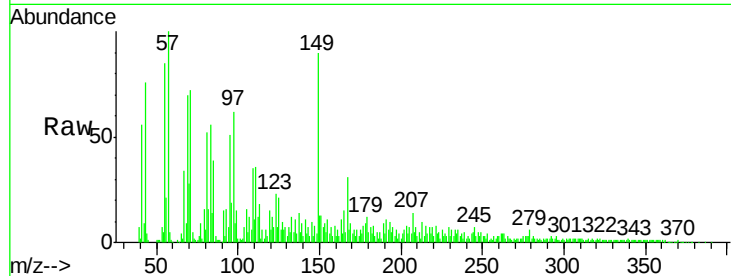
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Instrument :

BNA_M

ClientSampleId :

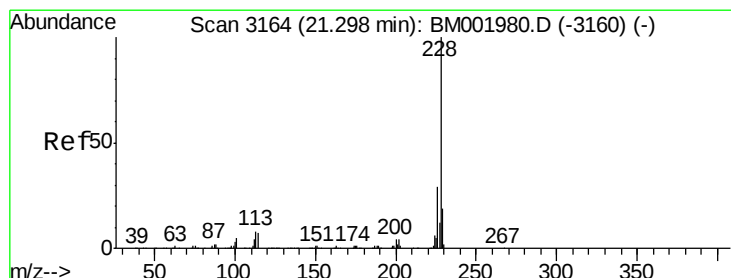
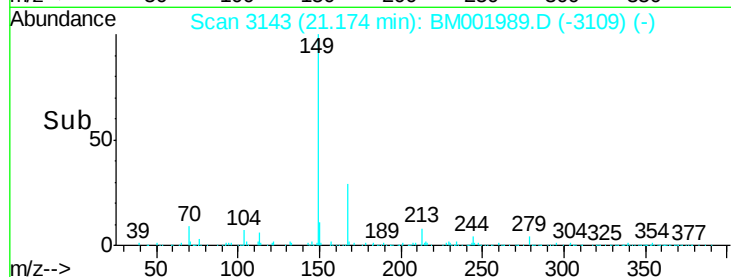
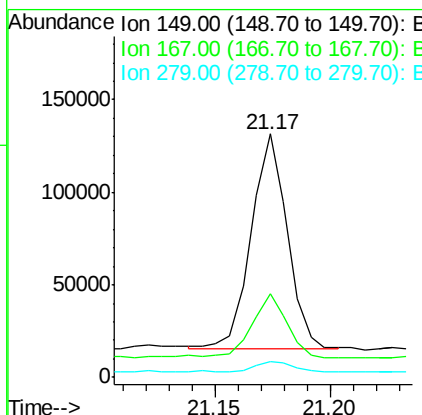
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Tgt Ion:	149	Resp:	125716
Ion Ratio	Lower	Upper	
149	100		
167	34.3	23.4	35.0
279	6.5	4.0	6.0

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#84

Chrysene

Concen: 4.70 ng/ul

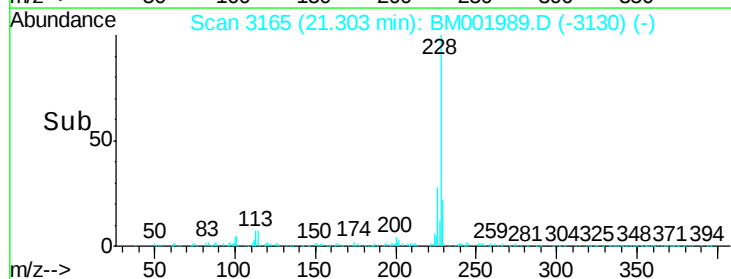
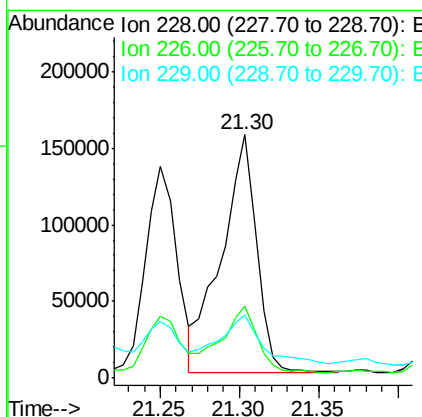
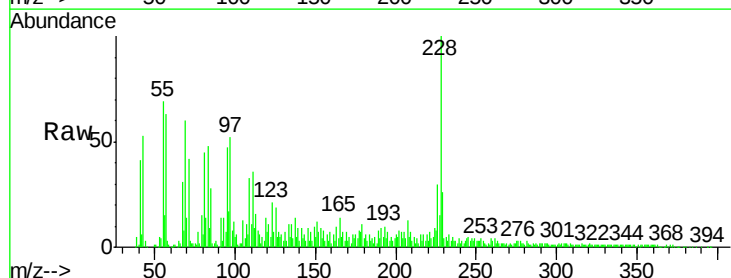
RT: 21.30 min Scan# 3165

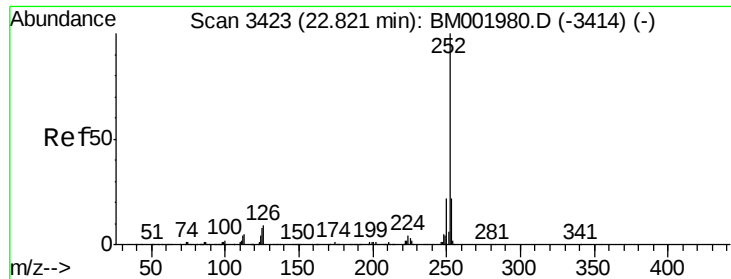
Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Tgt Ion:	228	Resp:	241226
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.6	33.8
229	25.9	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 6.27 ng/ul

RT: 22.83 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

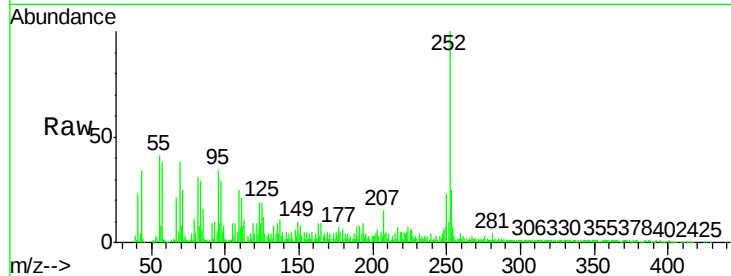
ClientSampleId :

C02J2

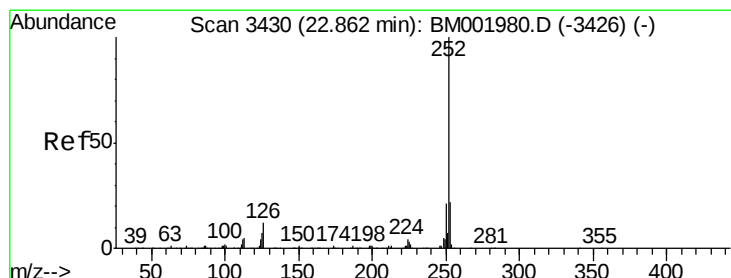
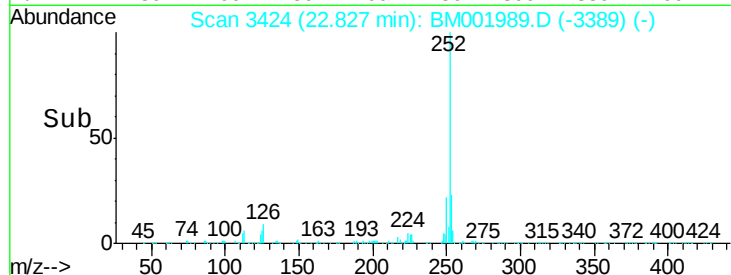
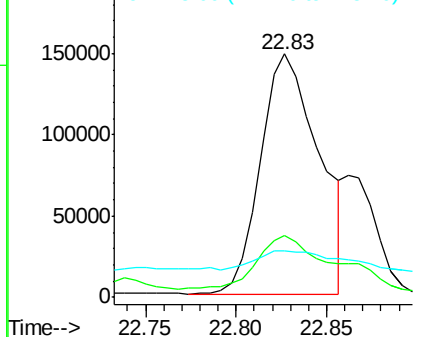
Tgt Ion:	252	Resp:	330908
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.6	26.4
125	19.3	6.1	9.1#

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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(k)fluoranthene

Concen: 1.91 ng/ul m

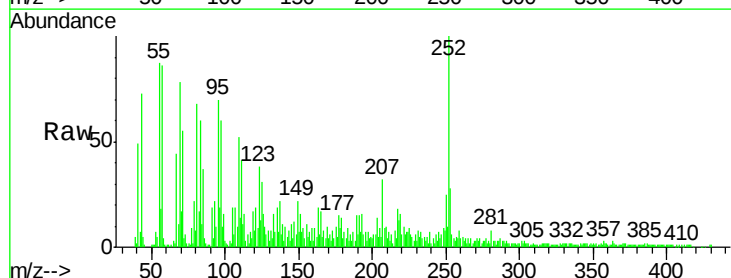
RT: 22.86 min Scan# 3430

Delta R.T. -0.00 min

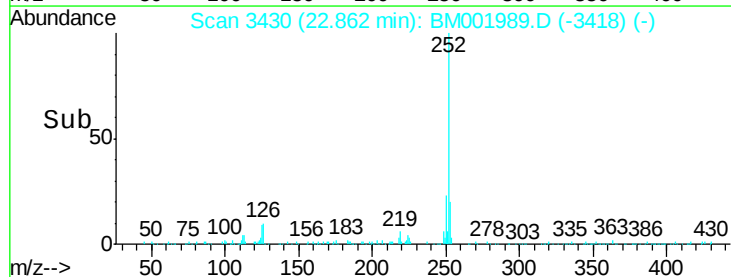
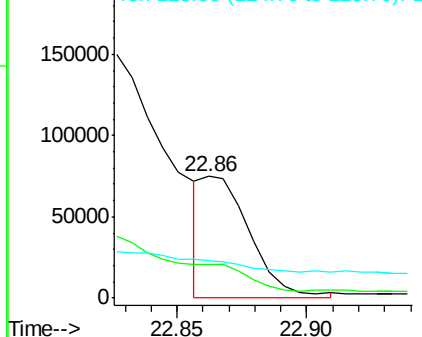
Lab File: BM001989.D

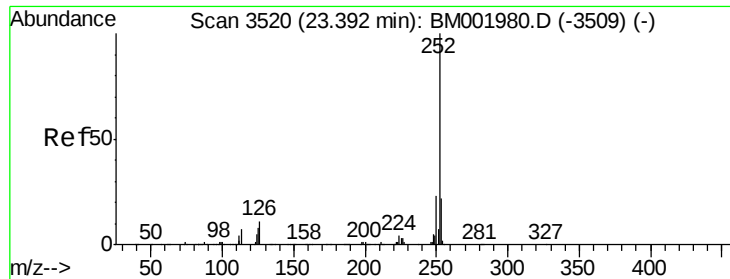
Acq: 21 Jul 2015 00:25

Tgt Ion:	252	Resp:	96763
Ion Ratio	Lower	Upper	
252	100		
253	27.8	17.1	25.7#
125	31.3	5.6	8.4#



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





#90

Benzo(a)pyrene

Concen: 3.92 ng/ul

RT: 23.40 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BM001989.D

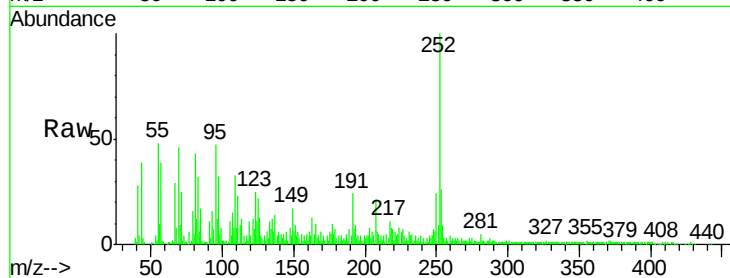
Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

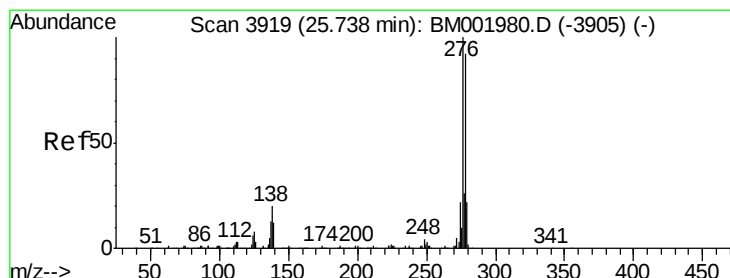
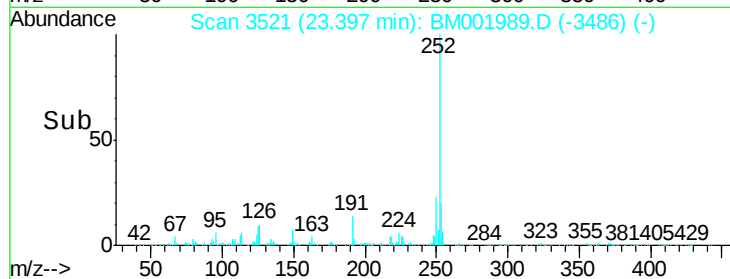
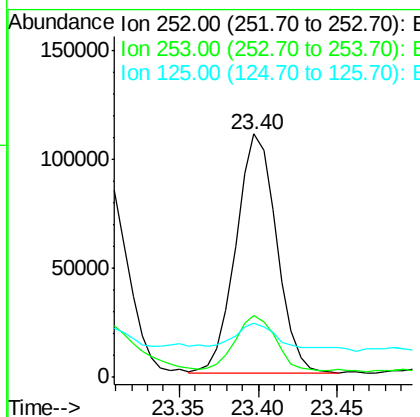
C02J2



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	22.3	6.4	9.6

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 3.16 ng/ul

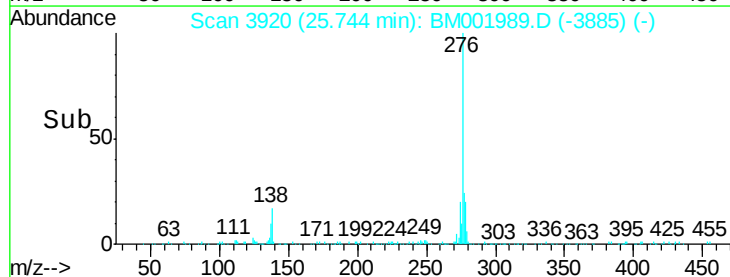
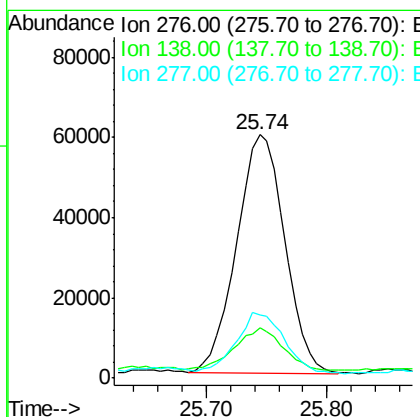
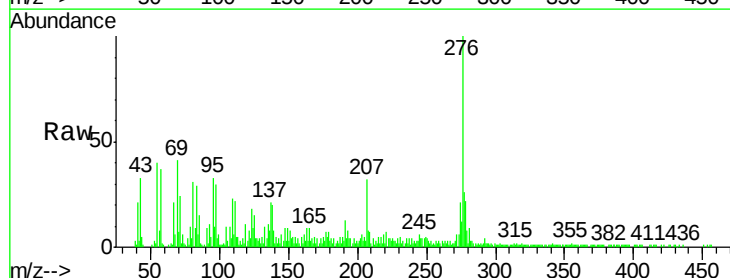
RT: 25.74 min Scan# 3920

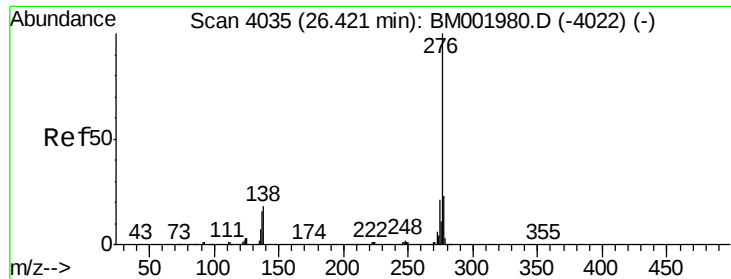
Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.4	23.0
277	25.8	19.9	29.9





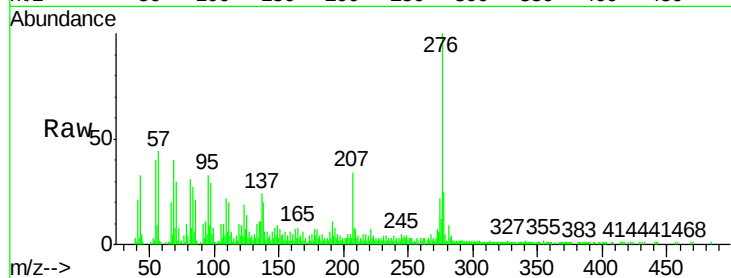
#93
 Benzo(g,h,i)perylene
 Concen: 3.70 ng/ul
 RT: 26.44 min Scan# 4038
 Delta R.T. 0.02 min
 Lab File: BM001989.D
 Acq: 21 Jul 2015 00:25

Instrument :
 BNA_M
 ClientSampleId :
 C02J2

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		158453		
138	20.2	13.3	19.9#		
277	25.0	18.6	27.8		

Manual Integrations
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 7/22/2015 1:53:17 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

