

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004037.D
 Acq On : 15 Jan 2016 06:41
 Operator : SJ/UM
 Sample : H1099-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9E0

Manual Integrations
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mohammad
 1/15/2016 3:03:44 PM

Quant Time: Jan 15 14:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	194138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	113209	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	245941	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	213120	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	187109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3109	3.46	ng/uL	0.00
5) Phenol-d5	6.85	99	73819	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	44560	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	61950	22.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	32531	12.04	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32867	22.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36249	22.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	59086	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	63104	16.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	212119	23.87	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	259242	23.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28180	17.65	ng/ul	0.00
58) Fluorene-d10	15.32	176	185161	24.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	19985	14.41	ng/ul	0.00
71) Anthracene-d10	17.17	188	270298	23.76	ng/ul	0.00
79) Pyrene-d10	19.47	212	288337	26.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	232986	24.93	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.87	94	3661	1.04	ng/ul	91
14) Acetophenone	8.49	105	7256	1.72	ng/ul	97
45) Dimethylphthalate	13.77	163	84888	9.37	ng/ul	99
70) Phenanthrene	17.11	178	83693	6.05	ng/ul	99
72) Anthracene	17.20	178	14362	1.01	ng/ul	99
77) Fluoranthene	19.14	202	129406	9.00	ng/ul	99
80) Pyrene	19.50	202	160645	11.10	ng/ul	99
83) Benzo(a)anthracene	21.26	228	63690	5.02	ng/ul	98
85) Chrysene	21.31	228	69779	5.79	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	67210	5.91	ng/ul#	97
89) Benzo(k)fluoranthene	22.87	252	21275m	1.97	ng/ul	
91) Benzo(a)pyrene	23.41	252	49633	4.60	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	27875	2.34	ng/ul	98
94) Benzo(g,h,i)perylene	26.44	276	22925	2.29	ng/ul	98

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

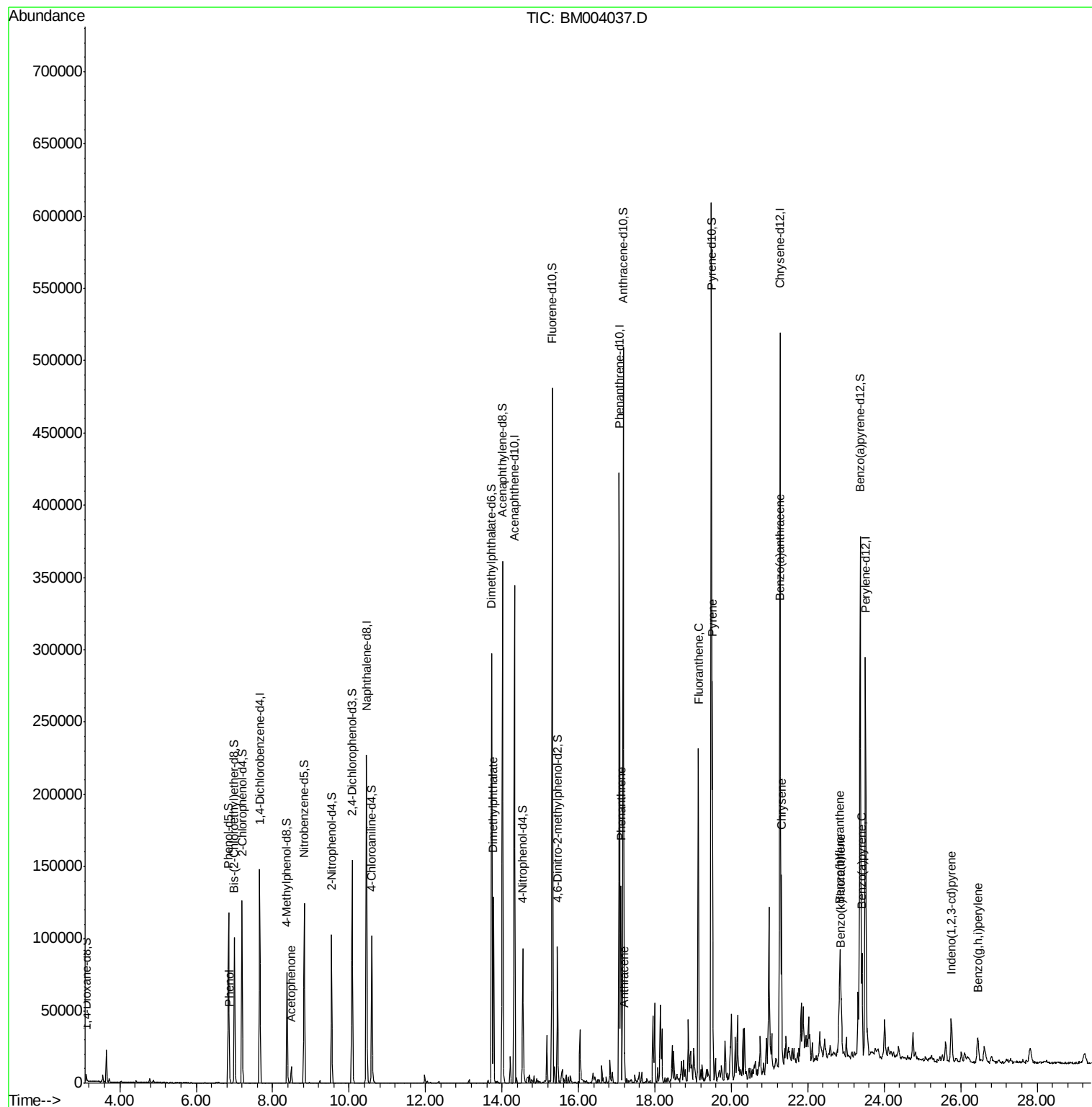
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004037.D
Acq On : 15 Jan 2016 06:41
Operator : SJ/UM
Sample : H1099-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

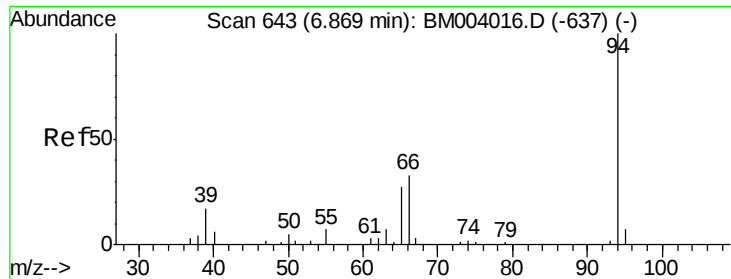
Instrument :
BNA_M
ClientSampleId :
BC9E0

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Quant Time: Jan 15 14:22:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.04 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004037.D

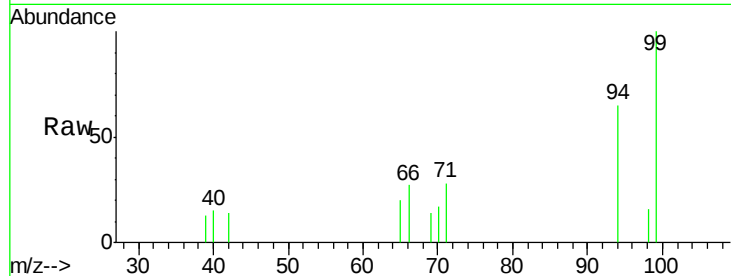
Acq: 15 Jan 2016 06:41

Instrument :

BNA_M

ClientSampleId :

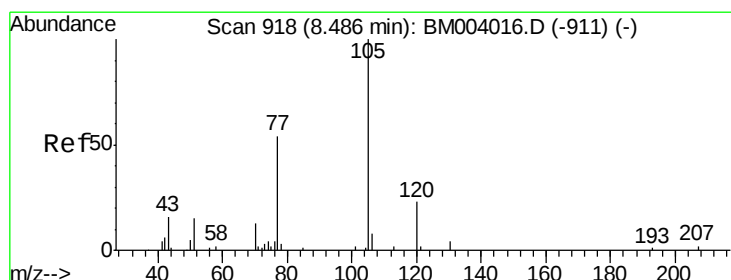
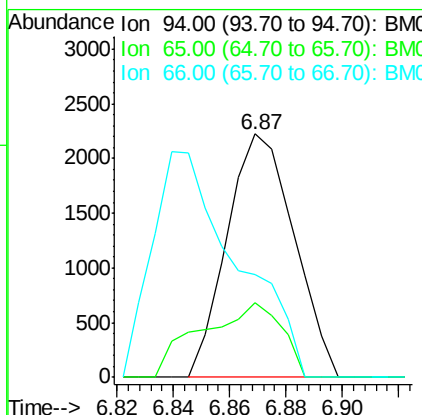
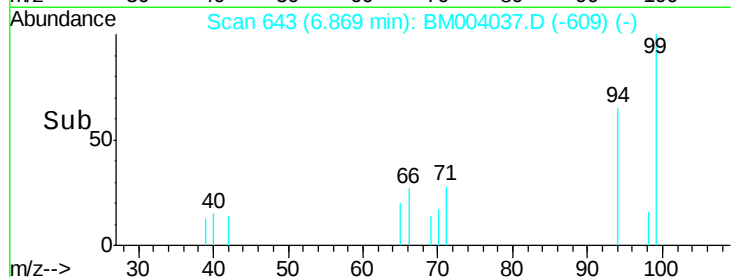
BC9E0



Tgt Ion:	94	Resp:	3661
Ion	Ratio	Lower	Upper
94	100		
65	30.7	21.0	31.6
66	42.2	29.3	43.9

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#14

Acetophenone

Concen: 1.72 ng/ul

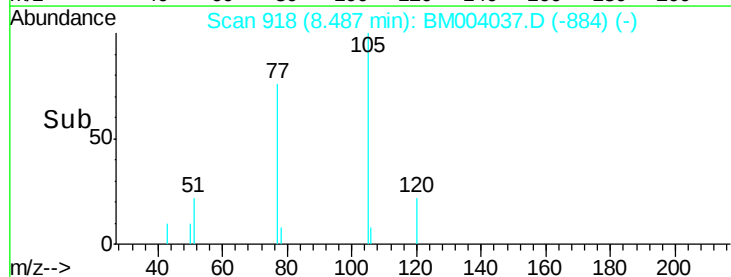
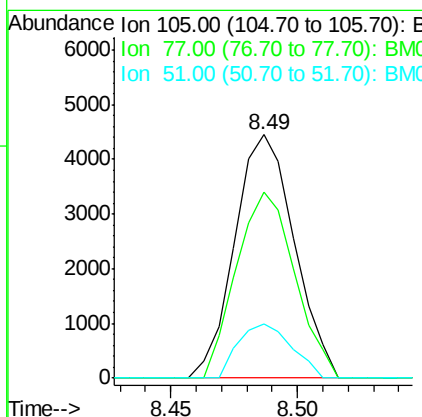
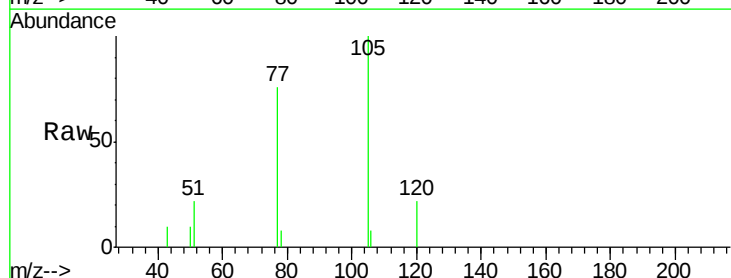
RT: 8.49 min Scan# 918

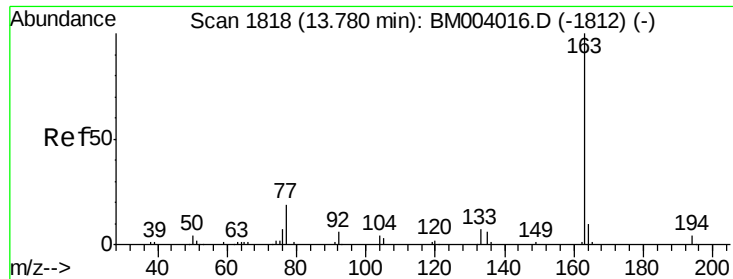
Delta R.T. 0.00 min

Lab File: BM004037.D

Acq: 15 Jan 2016 06:41

Tgt Ion:	105	Resp:	7256
Ion	Ratio	Lower	Upper
105	100		
77	76.5	59.0	88.4
51	22.3	16.4	24.6





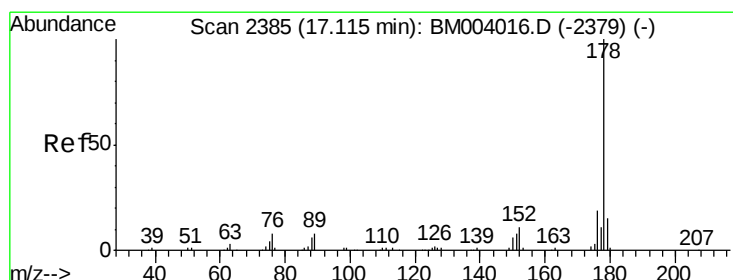
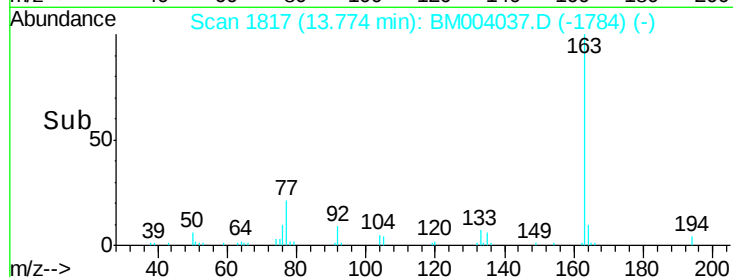
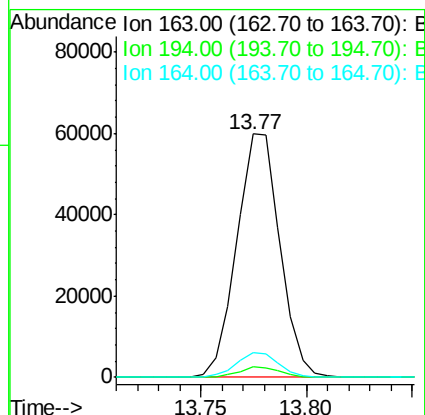
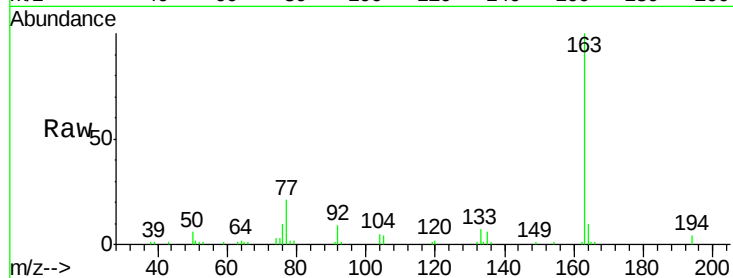
#45
Dimethylphthalate
Concen: 9.37 ng/u1
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004037.D
Acq: 15 Jan 2016 06:41

Instrument :
BNA_M
ClientSampleId :
BC9E0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84888		
194	4.1		3.2	4.8
164	10.2		7.8	11.8

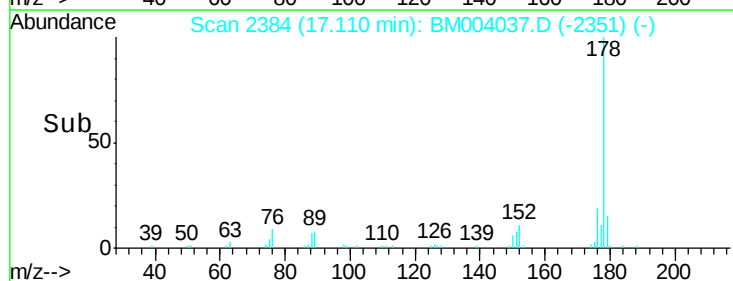
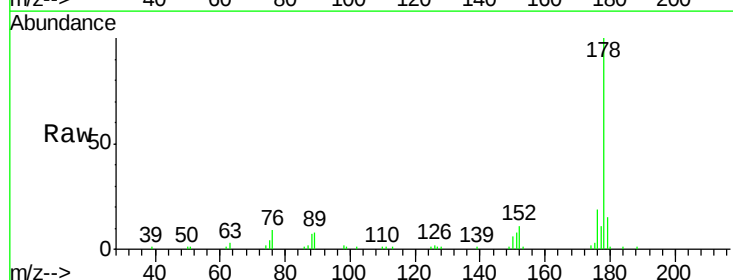
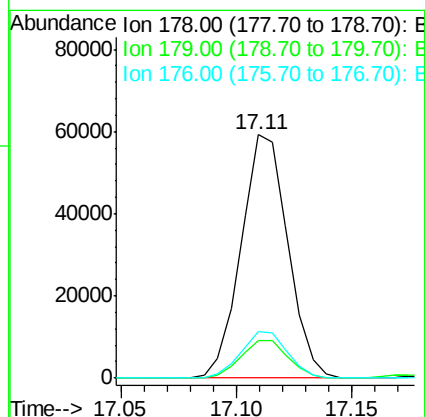
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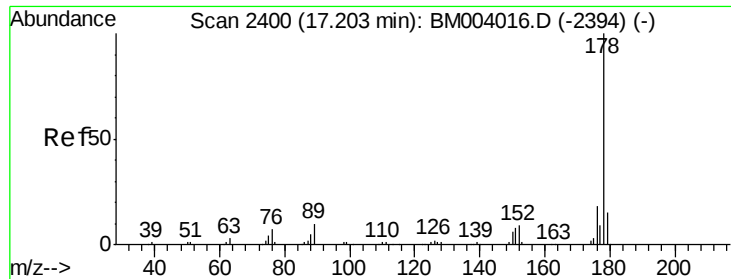
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#70
Phenanthrene
Concen: 6.05 ng/u1
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004037.D
Acq: 15 Jan 2016 06:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	83693		
179	15.3		12.2	18.4
176	19.0		15.6	23.4





#72

Anthracene

Concen: 1.01 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004037.D

Acq: 15 Jan 2016 06:41

Instrument :

BNA_M

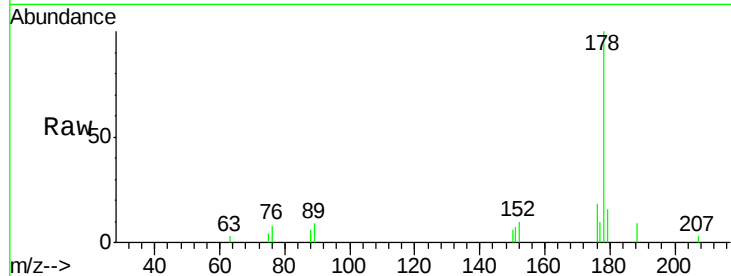
ClientSampleId :

BC9E0

Tgt Ion:	178	Resp:	14362
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	18.4	14.8	22.2

Manual Integrations
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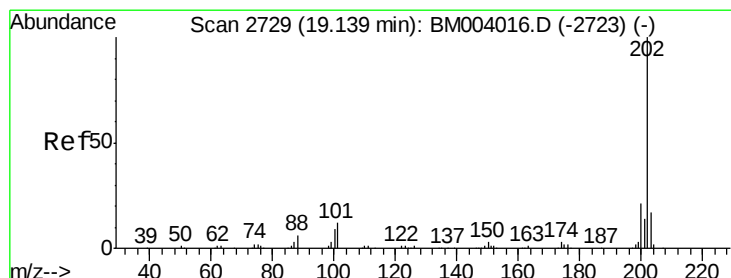
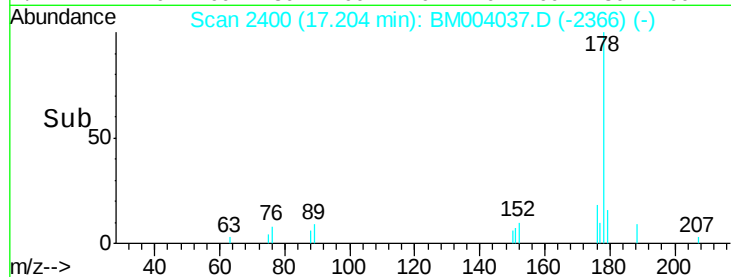
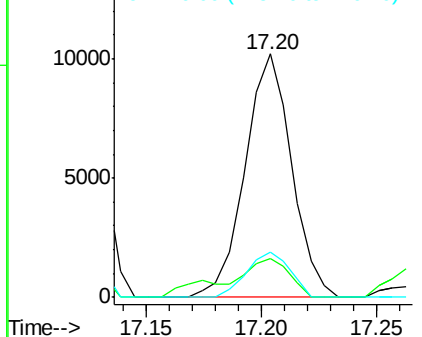
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 9.00 ng/ul

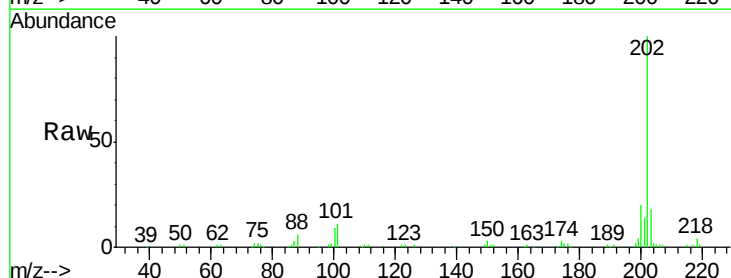
RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004037.D

Acq: 15 Jan 2016 06:41

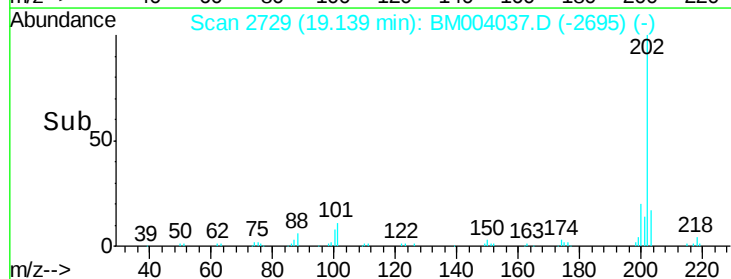
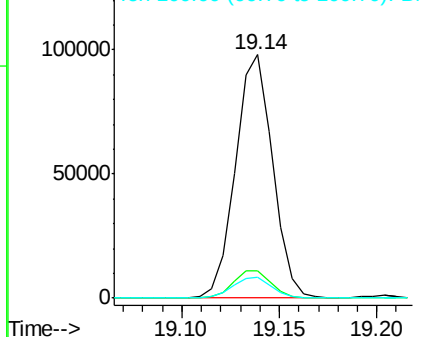
Tgt Ion:	202	Resp:	129406
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.8	13.2
100	8.6	6.6	9.8

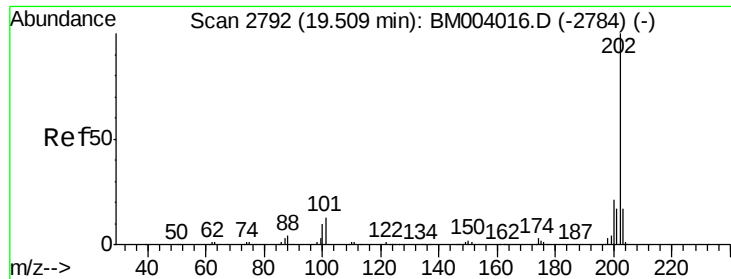


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





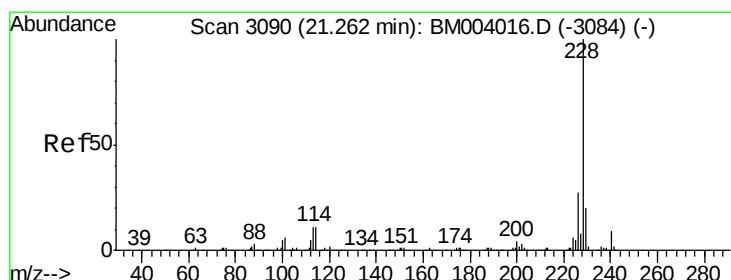
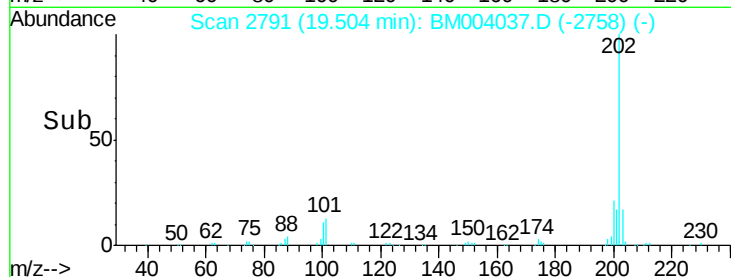
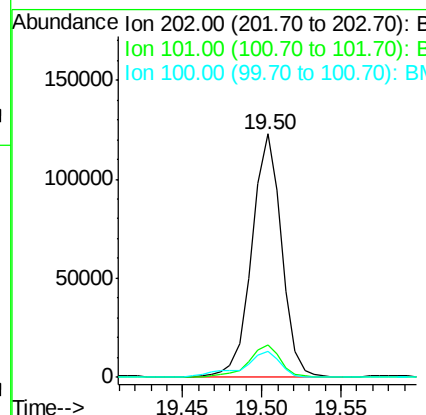
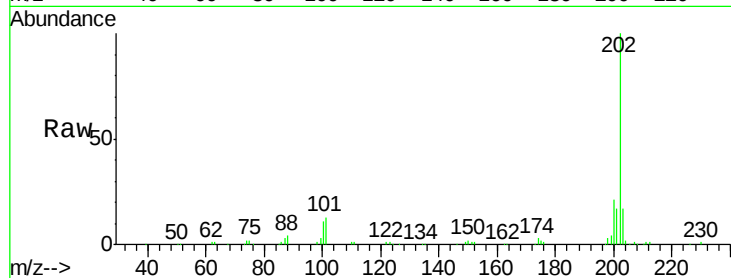
#80
Pyrene
Concen: 11.10 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM004037.D
Acq: 15 Jan 2016 06:41

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	160645		
101	13.1	10.2	15.2	
100	10.7	8.5	12.7	

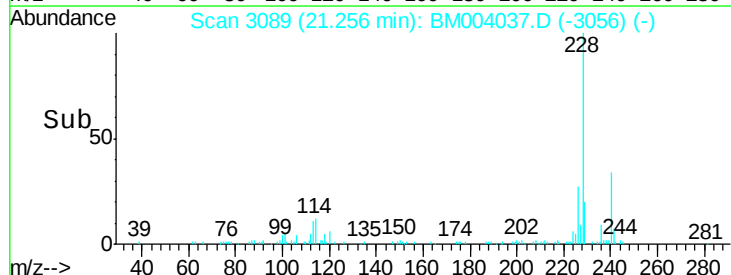
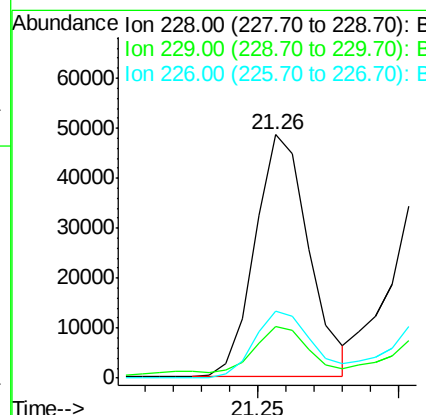
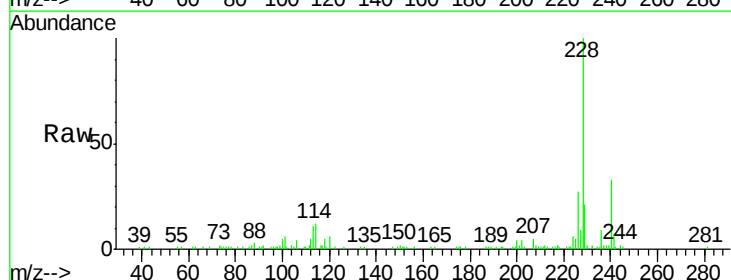
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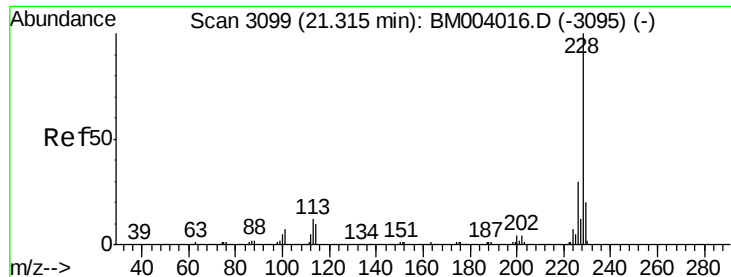
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#83
Benzo(a)anthracene
Concen: 5.02 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM004037.D
Acq: 15 Jan 2016 06:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	63690		
229	21.3	15.7	23.5	
226	27.3	21.8	32.6	





#85

Chrysene

Concen: 5.79 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM004037.D

Acq: 15 Jan 2016 06:41

Instrument :

BNA_M

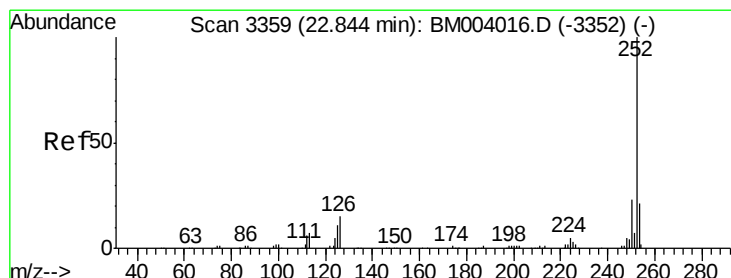
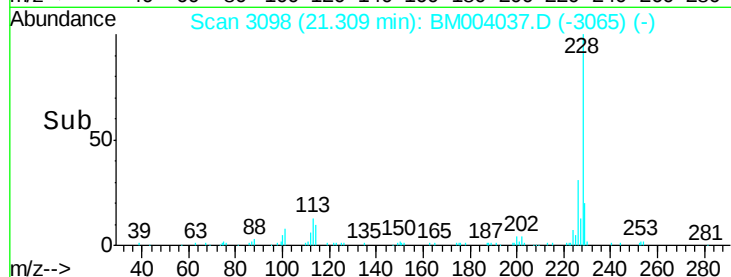
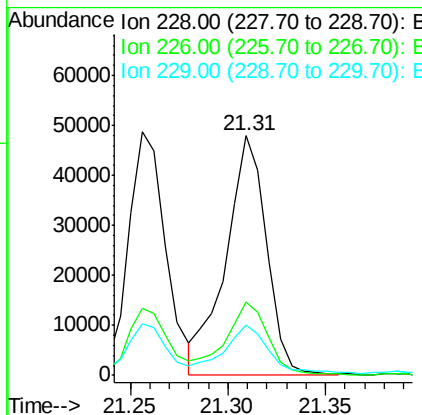
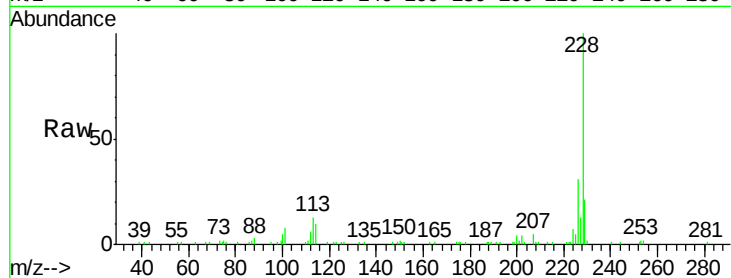
ClientSampleId :

BC9E0

Tgt Ion:	228	Resp:	69779
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	21.1	15.6	23.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 5.91 ng/ul

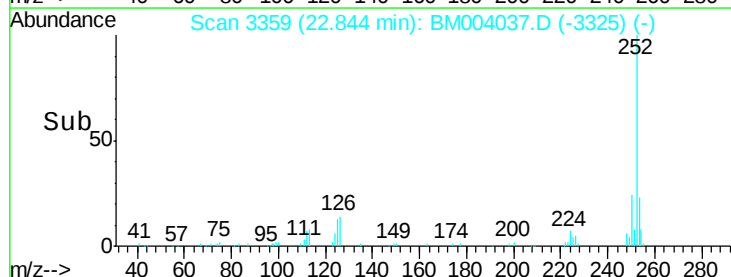
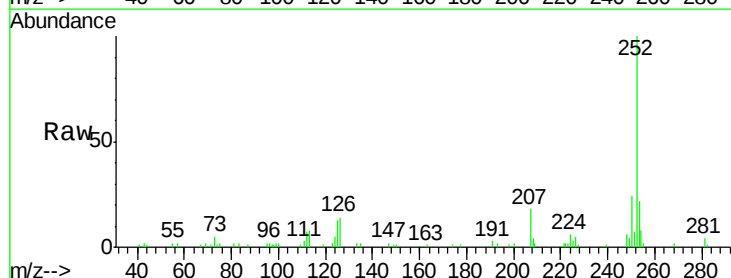
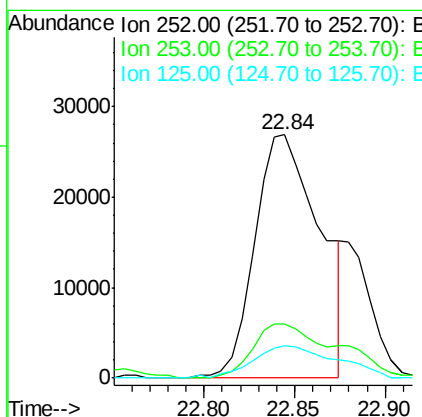
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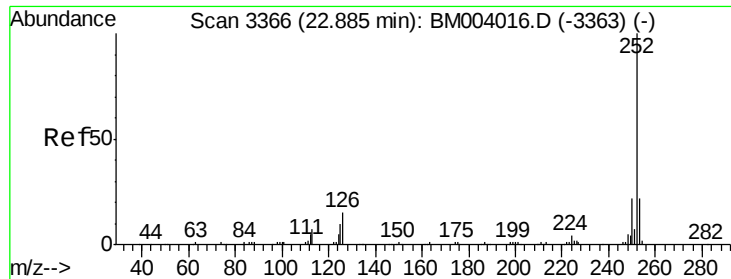
Delta R.T. 0.00 min

Lab File: BM004037.D

Acq: 15 Jan 2016 06:41

Tgt Ion:	252	Resp:	67210
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	13.1	8.5	12.7#





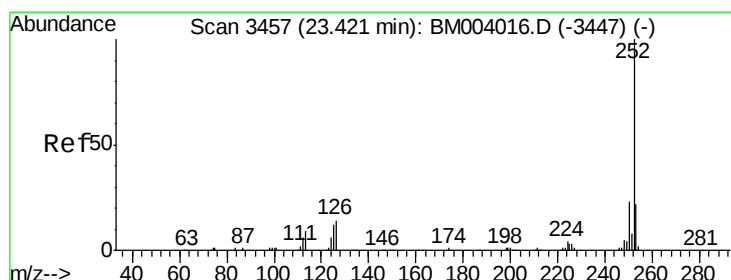
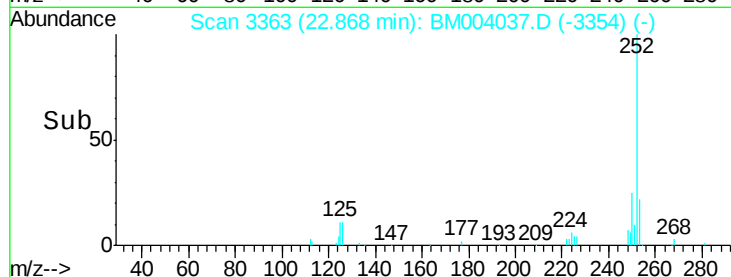
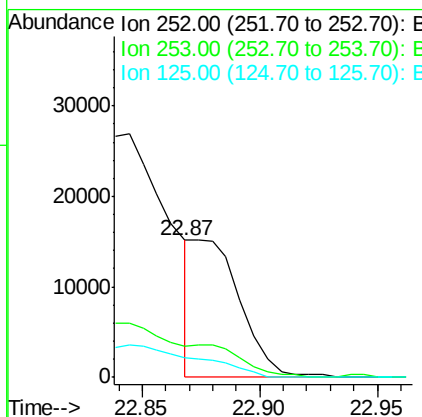
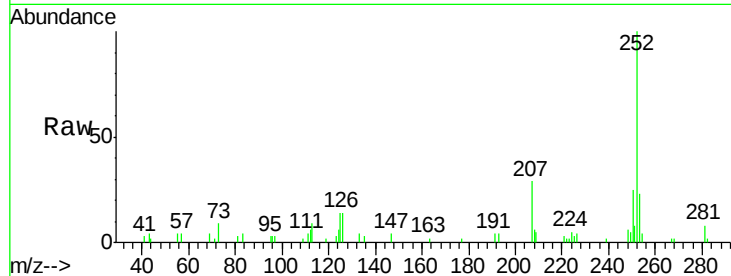
#89
Benzo(k)fluoranthene
Concen: 1.97 ng/ul m
RT: 22.87 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BM004037.D
Acq: 15 Jan 2016 06:41

Instrument :
BNA_M
ClientSampled :
BC9E0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.3	8.2	12.2#

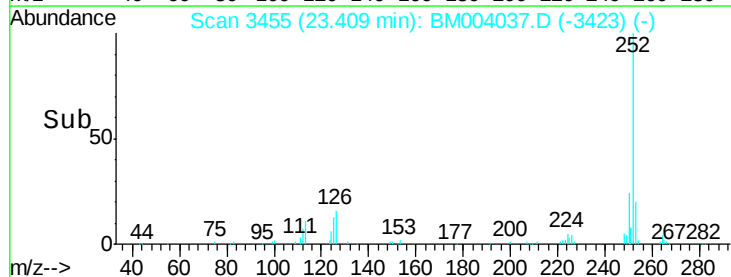
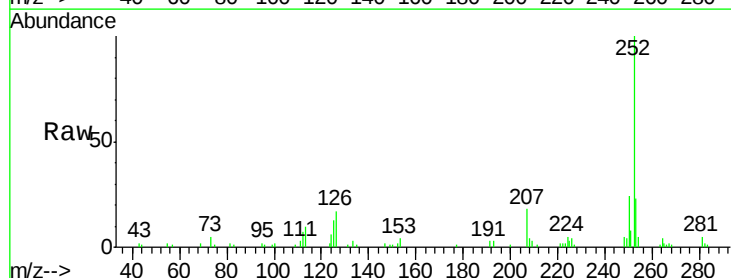
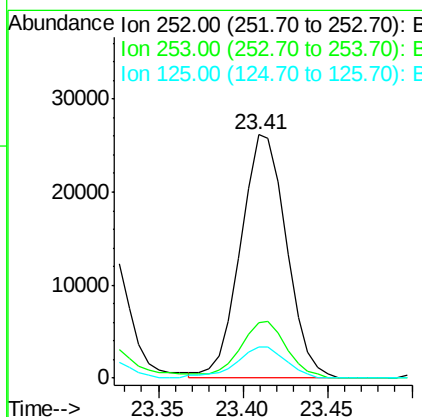
Manual Integrations
APPROVED

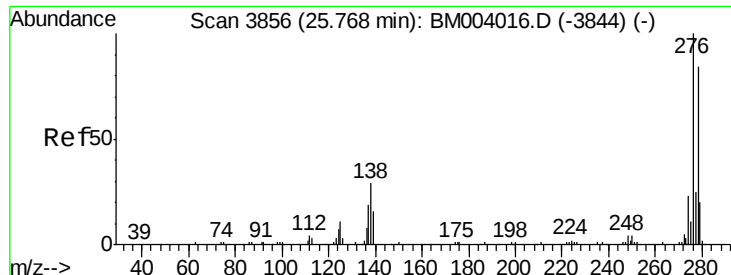
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#91
Benzo(a)pyrene
Concen: 4.60 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM004037.D
Acq: 15 Jan 2016 06:41

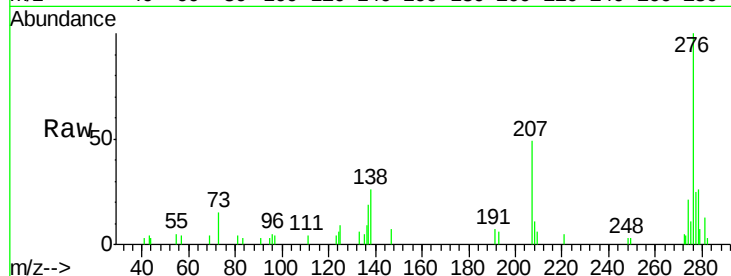
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.8	9.0	13.6





#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.34 ng/ul
 RT: 25.75 min Scan# 3853
 Delta R.T. -0.02 min
 Lab File: BM004037.D
 Acq: 15 Jan 2016 06:41

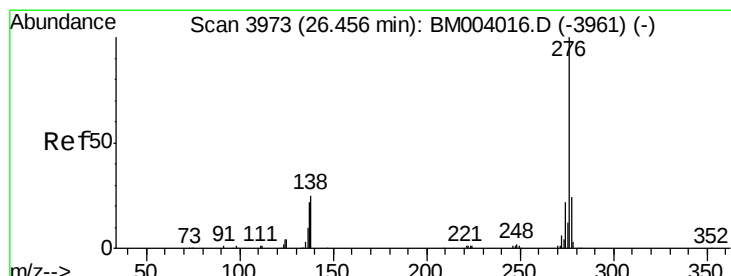
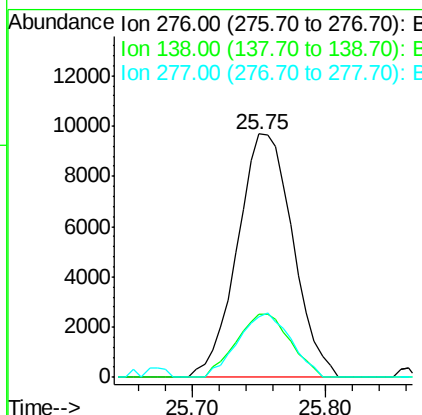
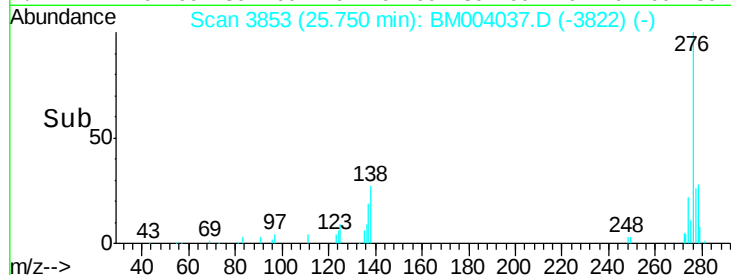
Instrument :
 BNA_M
 ClientSampleId :
 BC9E0



Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.3	33.5
277	24.8	20.2	30.2

Manual Integrations
 APPROVED

mohammad
 1/15/2016 3:03:44 PM



#94
 Benzo(g,h,i)perylene
 Concen: 2.29 ng/ul
 RT: 26.44 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: BM004037.D
 Acq: 15 Jan 2016 06:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.9	28.3
277	23.1	19.2	28.8

