

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004658.D
 Acq On : 17 Mar 2016 10:05
 Operator : UM/SJ
 Sample : H1778-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9Y1

Manual Integrations
 APPROVED

UMANGI
 3/18/2016 11:59:49 AM

Quant Time: Mar 17 10:38:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	72537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	320513	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	180456	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	404844	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	449792	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	441295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5901	2.81	ng/uL	0.00
5) Phenol-d5	7.00	99	113237	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	69158	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	91771	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	88635	18.45	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	39054	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	41193	17.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	87157	18.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	107437	19.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	275886	19.56	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	347204	20.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	26646	9.77	ng/ul	0.00
58) Fluorene-d10	15.47	176	258448	21.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	23006	10.81	ng/ul	0.00
71) Anthracene-d10	17.32	188	393160	21.09	ng/ul	0.00
79) Pyrene-d10	19.61	212	449184	21.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	479494	24.33	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.93	163	86913	6.07	ng/ul	100
48) Acenaphthylene	14.19	152	25913	1.39	ng/ul	97
70) Phenanthrene	17.26	178	153152	6.62	ng/ul	100
72) Anthracene	17.35	178	54297	2.33	ng/ul	99
77) Fluoranthene	19.27	202	330866	12.95	ng/ul	99
80) Pyrene	19.64	202	330624	12.13	ng/ul	99
83) Benzo(a)anthracene	21.39	228	211747	8.07	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.32	149	15841	1.02	ng/ul	99
85) Chrysene	21.44	228	256054	10.21	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	368243	13.99	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	126672m	5.06	ng/ul	
91) Benzo(a)pyrene	23.60	252	241591	9.58	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	152396	5.38	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.03	278	39593	1.69	ng/ul#	78
94) Benzo(g,h,i)perylene	26.74	276	141038	5.87	ng/ul	99

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

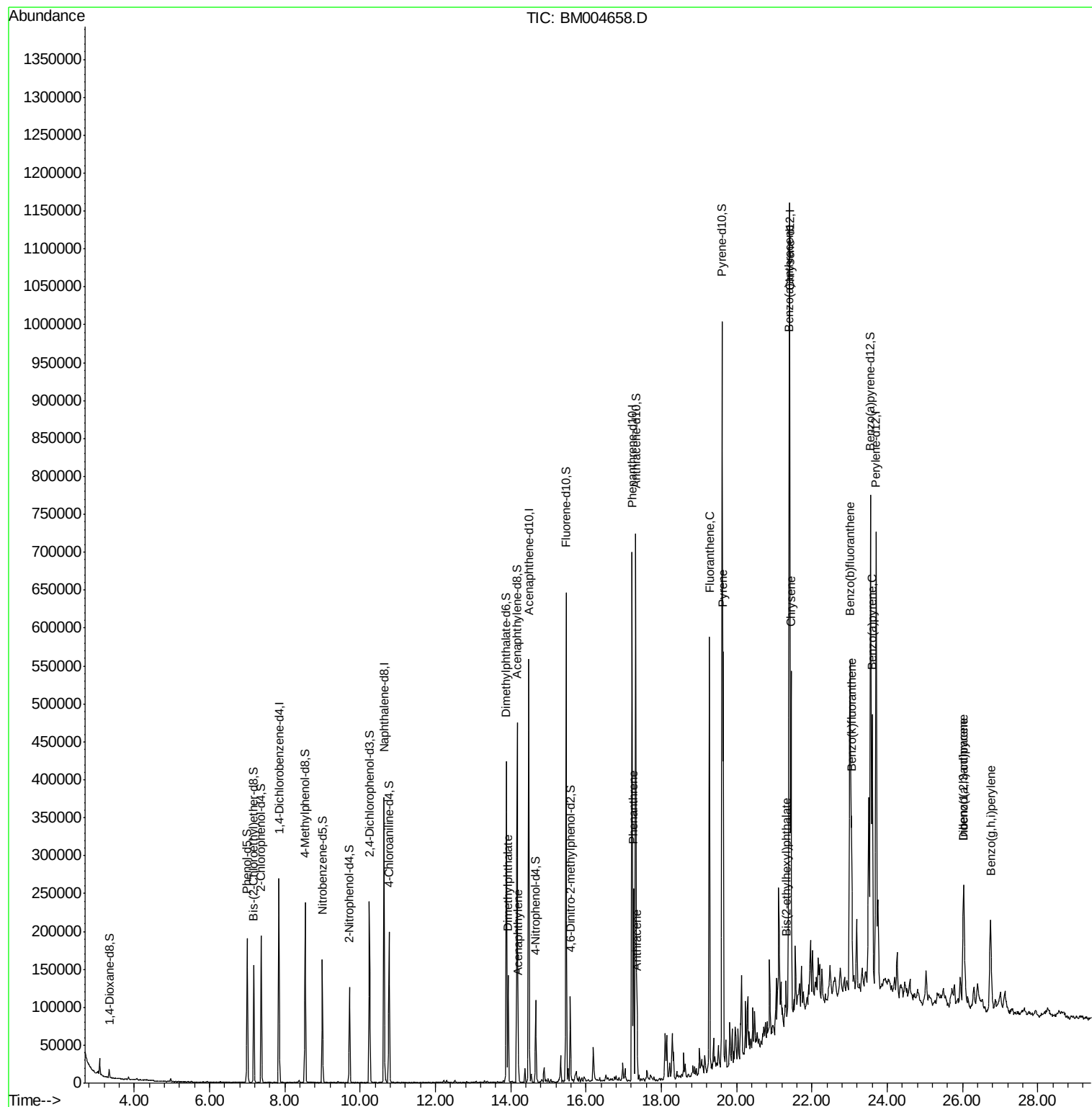
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004658.D
Acq On : 17 Mar 2016 10:05
Operator : UM/SJ
Sample : H1778-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

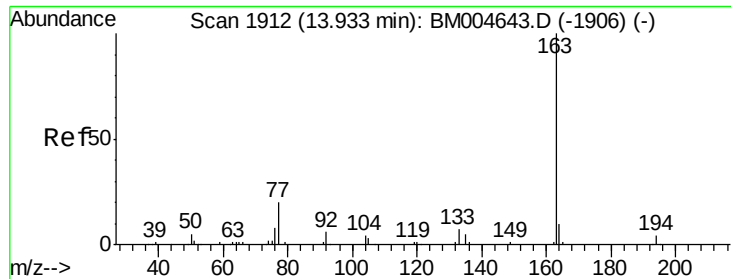
Instrument :
BNA_M
ClientSampleId :
BC9Y1

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
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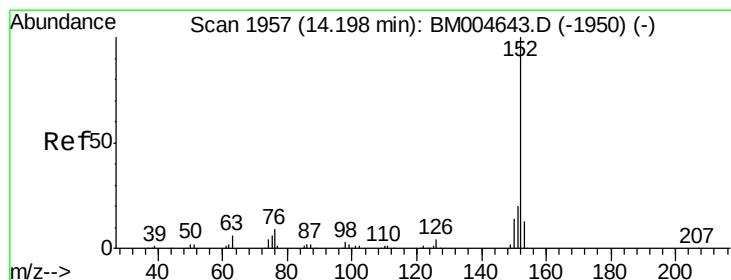
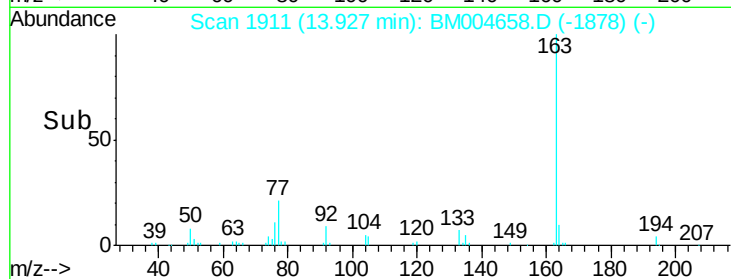
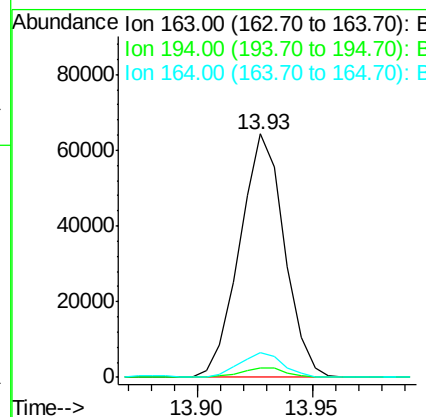
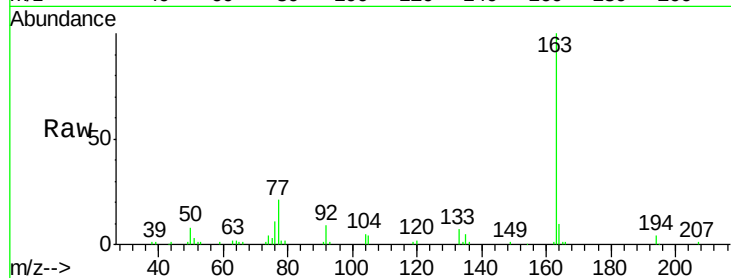
#45
Dimethylphthalate
Concen: 6.07 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Instrument :
BNA_M
ClientSampleId :
BC9Y1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	86913		
194	4.0		3.2	4.8
164	10.0		7.8	11.8

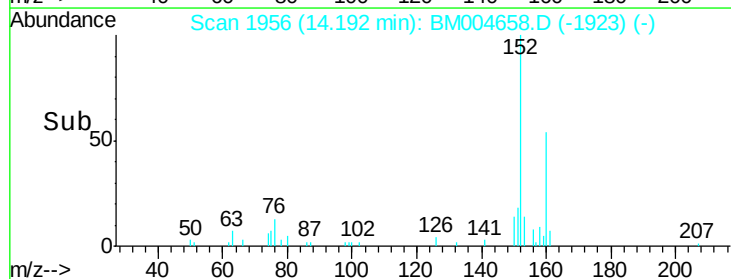
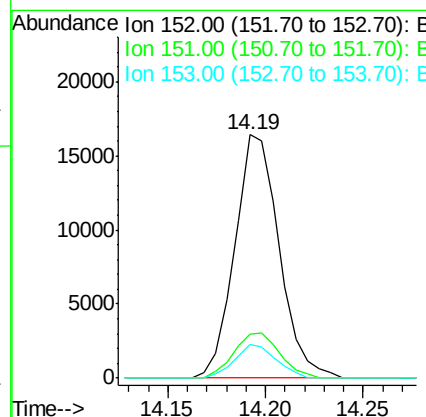
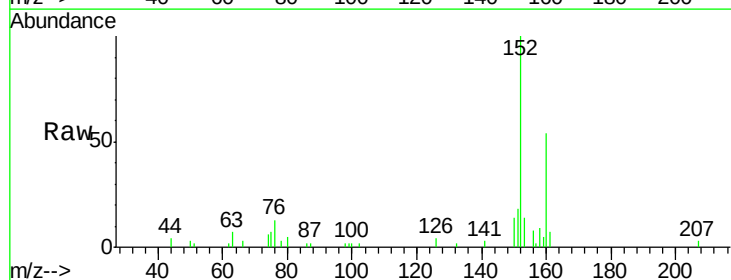
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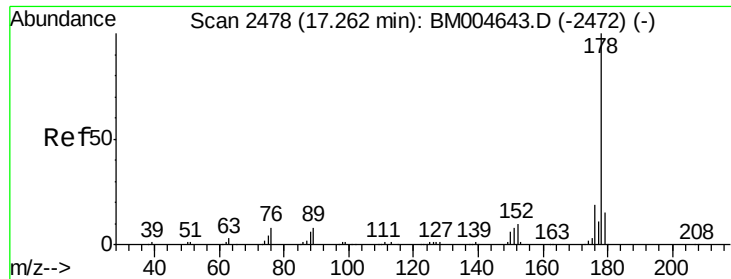
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#48
Acenaphthylene
Concen: 1.39 ng/ul
RT: 14.19 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	25913		
151	18.0		15.7	23.5
153	13.8		10.5	15.7





#70

Phenanthrene

Concen: 6.62 ng/ul

RT: 17.26 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM004658.D

Acq: 17 Mar 2016 10:05

Instrument :

BNA_M

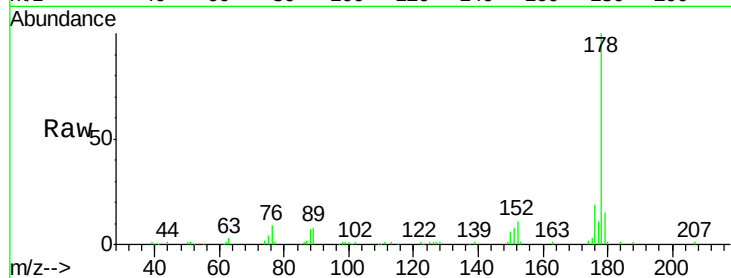
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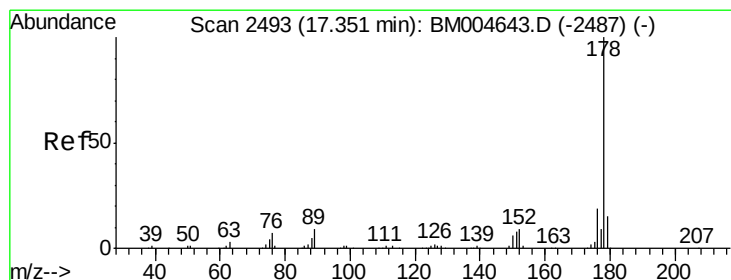
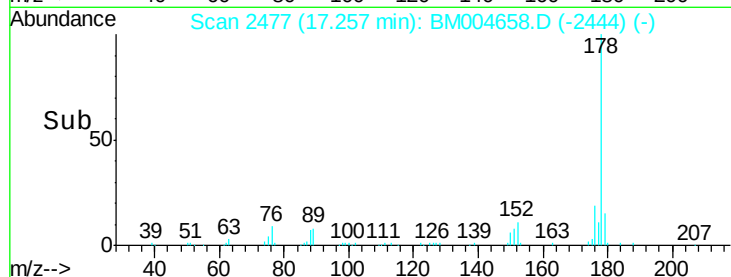
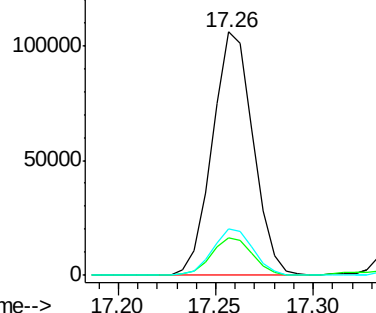
Tgt Ion:	178	Resp:	153152
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.2	15.6	23.4

Manual Integrations
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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



#72

Anthracene

Concen: 2.33 ng/ul

RT: 17.35 min Scan# 2493

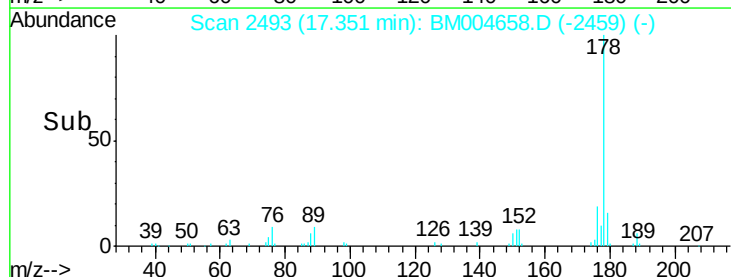
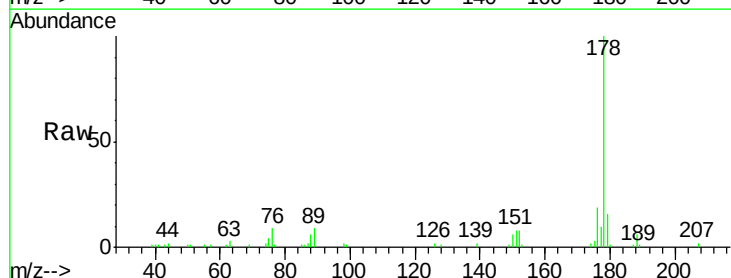
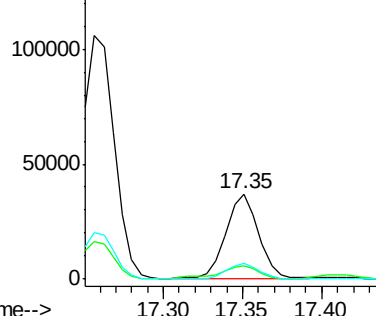
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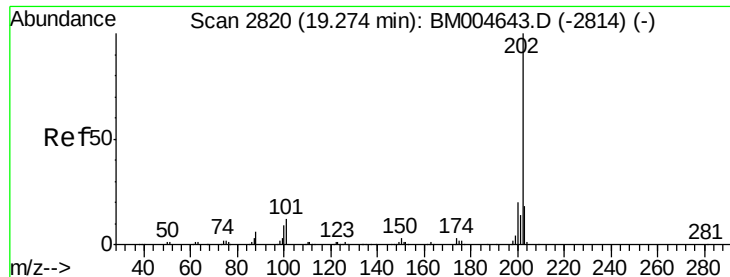
Lab File: BM004658.D

Acq: 17 Mar 2016 10:05

Tgt Ion:	178	Resp:	54297
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.1	18.1
176	18.6	14.8	22.2

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





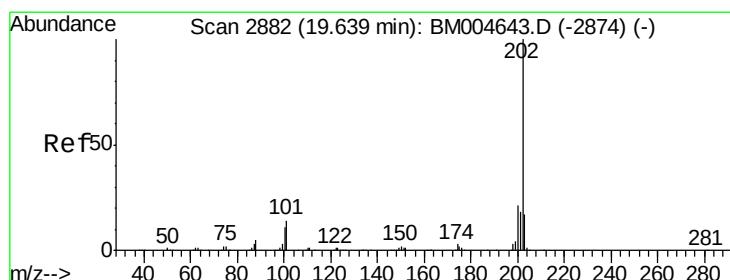
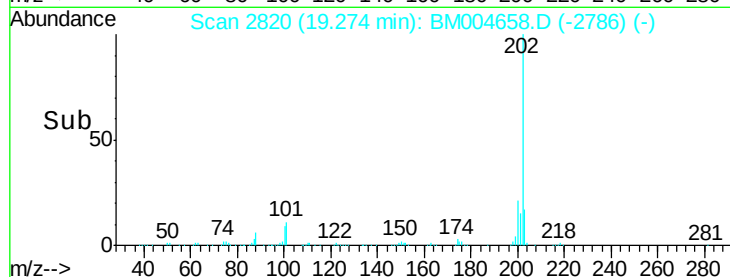
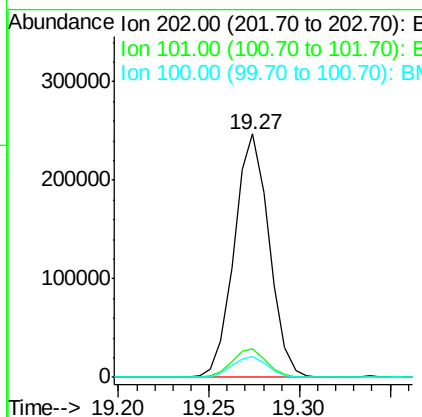
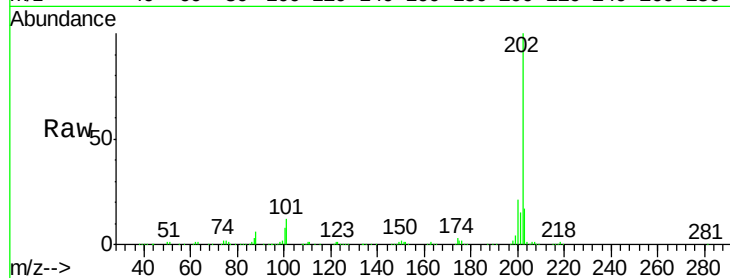
#77
 Fluoranthene
 Concen: 12.95 ng/ul
 RT: 19.27 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: BM004658.D
 Acq: 17 Mar 2016 10:05

Instrument :
 BNA_M
 ClientSampleId :
 BC9Y1

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.5	6.6	9.8

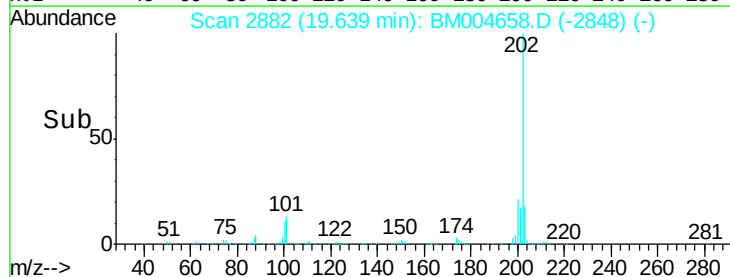
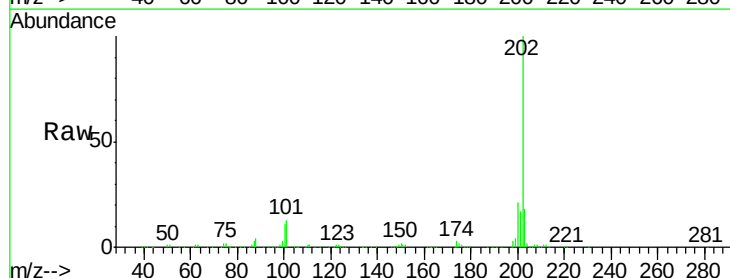
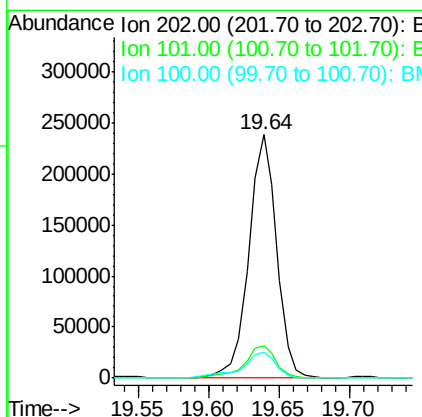
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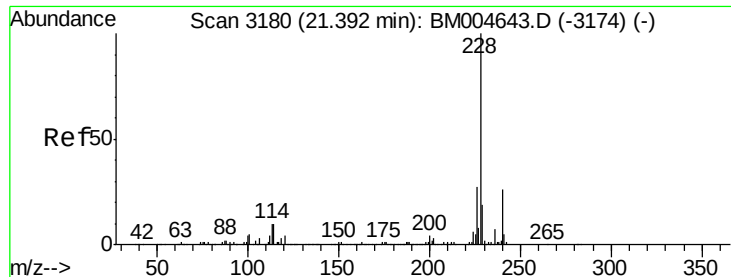
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#80
 Pyrene
 Concen: 12.13 ng/ul
 RT: 19.64 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BM004658.D
 Acq: 17 Mar 2016 10:05

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	10.2	15.2
100	10.8	8.5	12.7





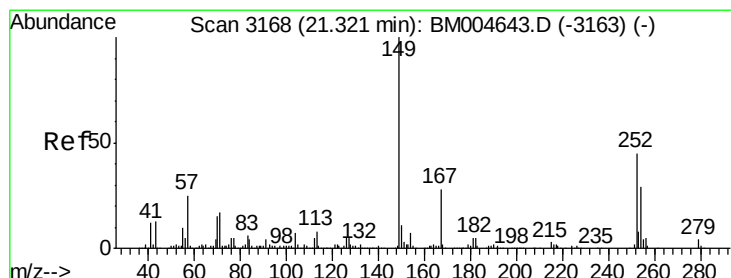
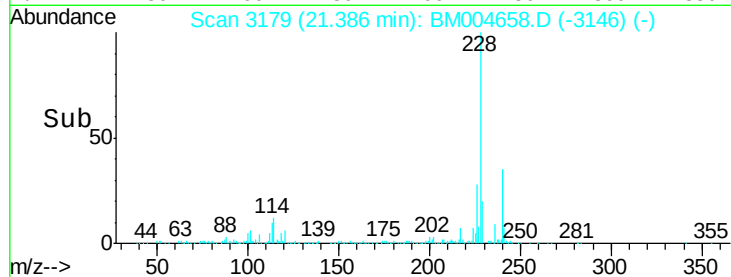
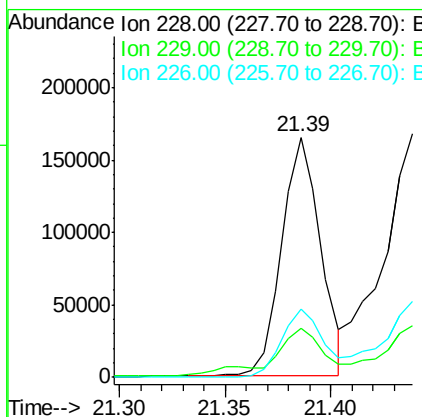
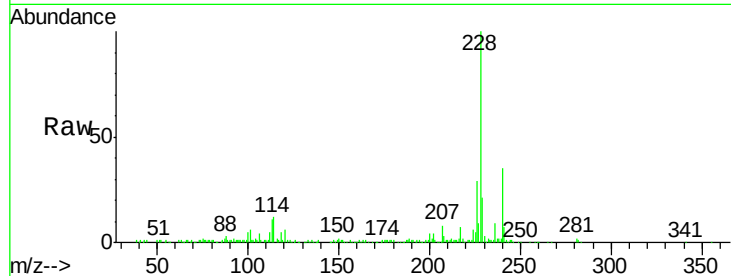
#83
Benzo(a)anthracene
Concen: 8.07 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Instrument :
BNA_M
ClientSampleId :
BC9Y1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.7	21.8	32.6

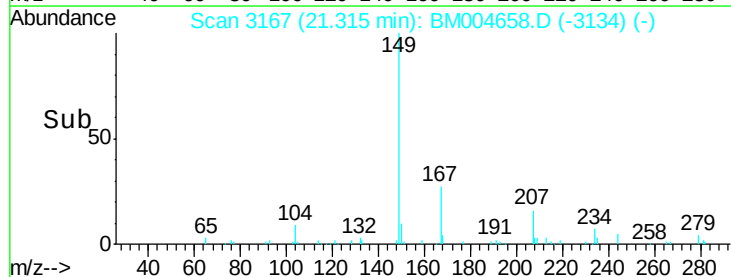
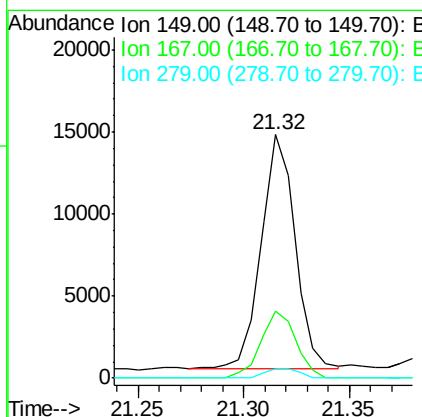
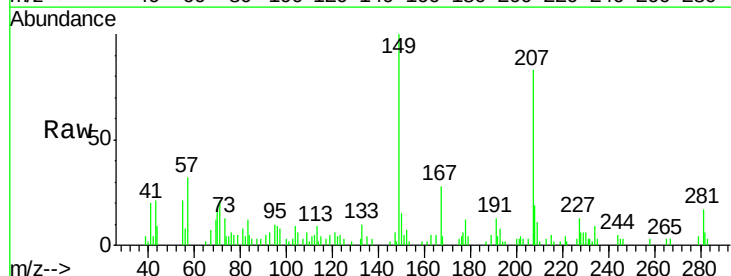
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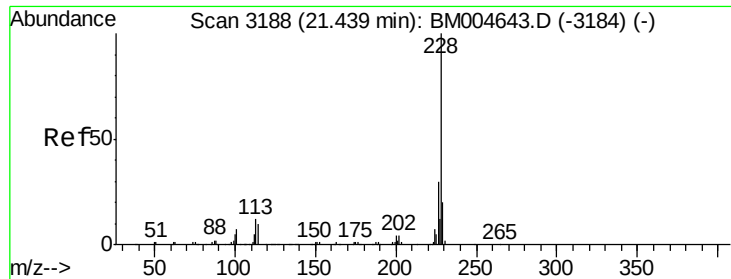
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.02 ng/ul
RT: 21.32 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	3.8	3.0	4.4





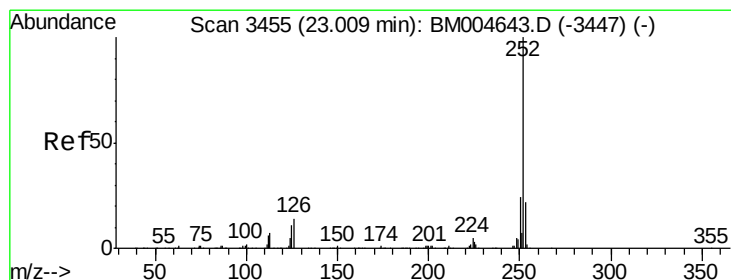
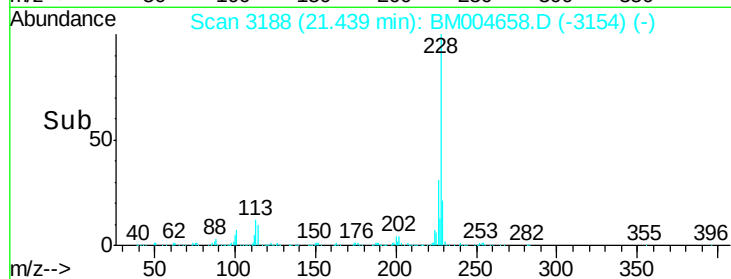
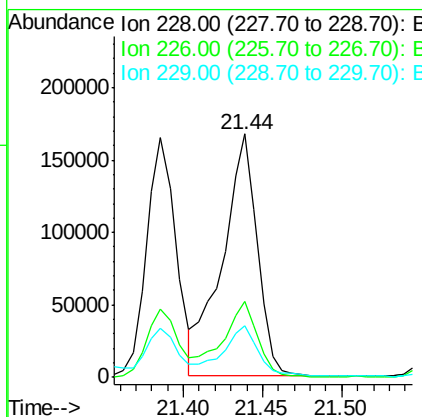
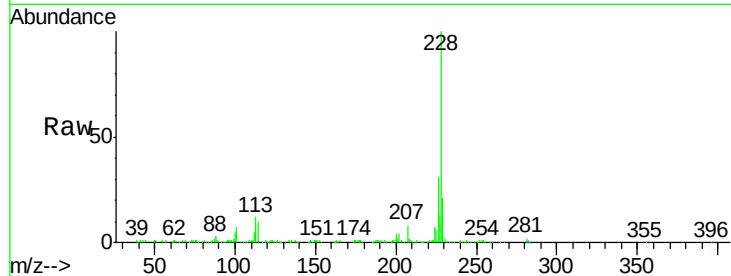
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Chrysene
Concen: 10.21 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Instrument :
BNA_M
ClientSampleId :
BC9Y1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	256054		
226	31.0	24.0	36.0	
229	21.4	15.6	23.4	

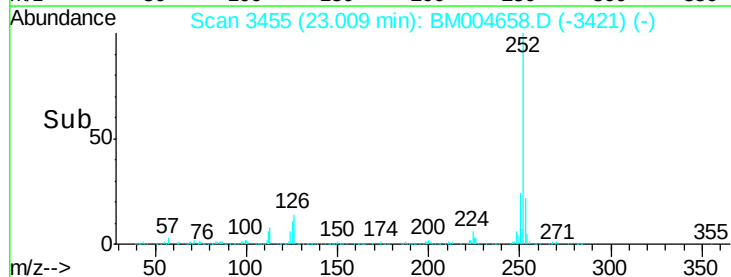
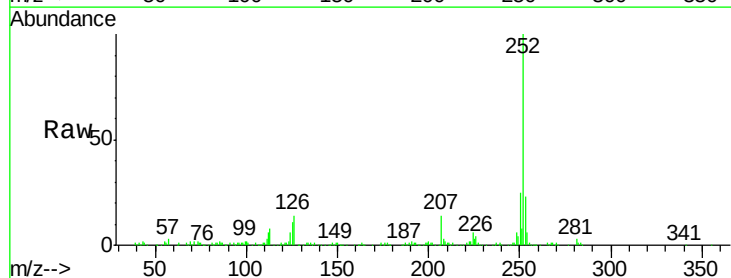
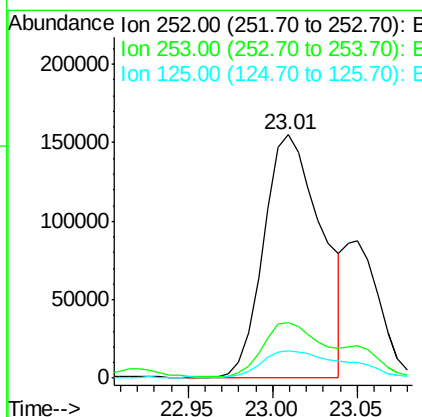
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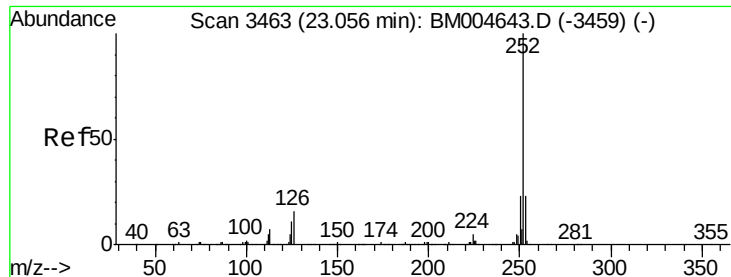
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#88
Benzo(b)fluoranthene
Concen: 13.99 ng/ul
RT: 23.01 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	368243		
253	22.7	17.5	26.3	
125	11.2	8.5	12.7	





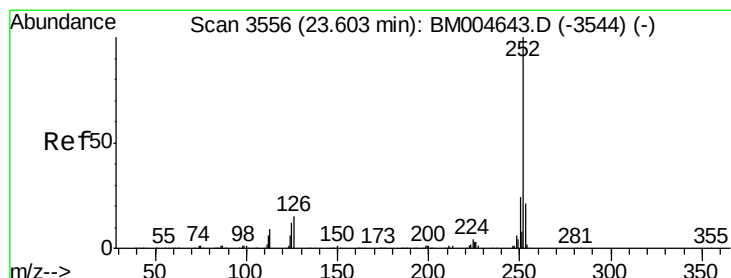
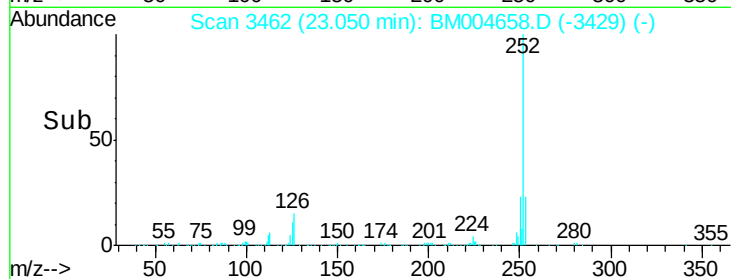
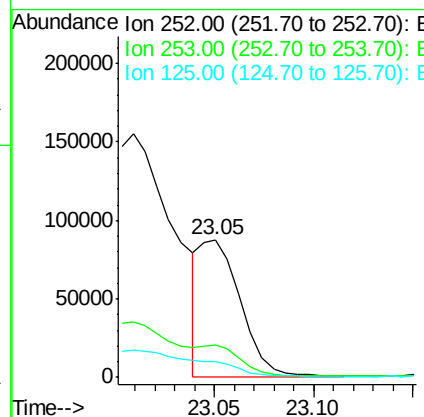
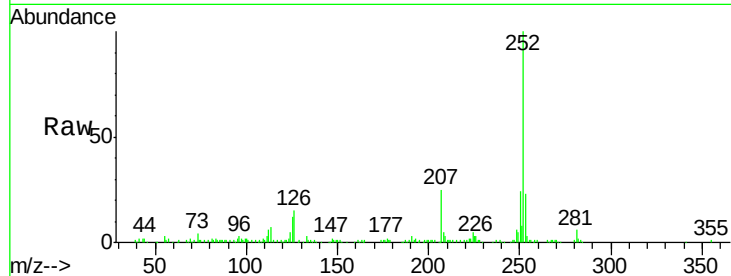
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Benzo(k)fluoranthene
Concen: 5.06 ng/ul m
RT: 23.05 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Instrument :
BNA_M
ClientSampled :
BC9Y1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.7	8.2	12.2

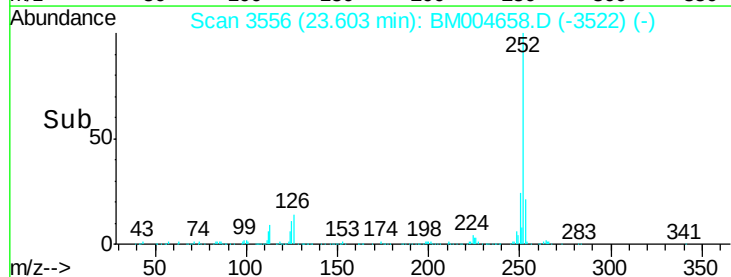
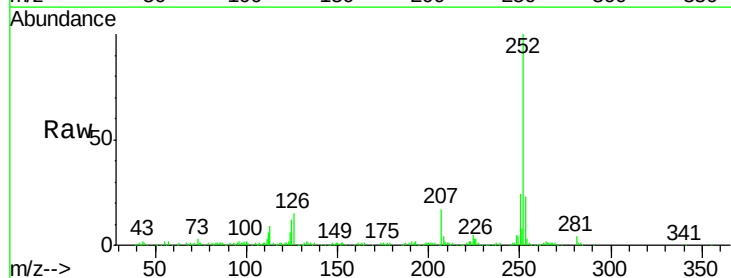
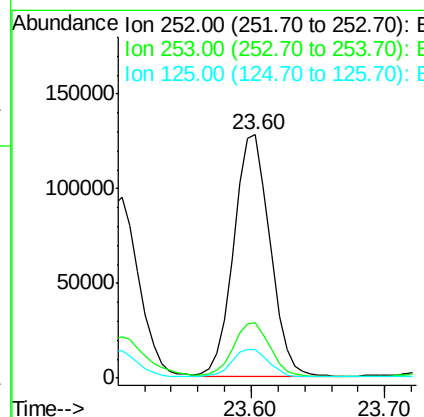
Manual Integrations
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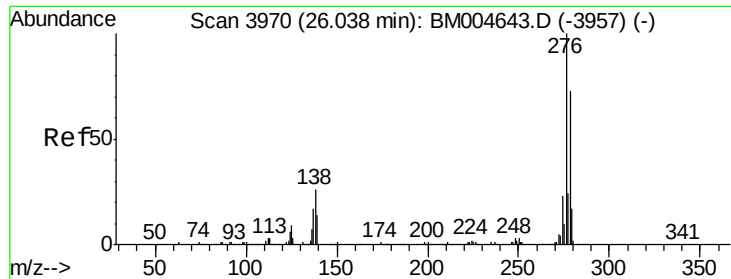
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#91
Benzo(a)pyrene
Concen: 9.58 ng/ul
RT: 23.60 min Scan# 3556
Delta R.T. 0.00 min
Lab File: BM004658.D
Acq: 17 Mar 2016 10:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.6	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 5.38 ng/ul

RT: 26.03 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM004658.D

Acq: 17 Mar 2016 10:05

Instrument :

BNA_M

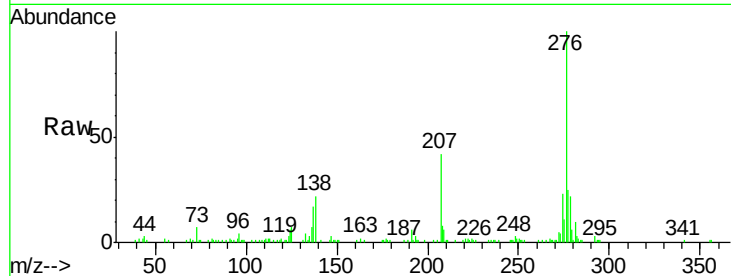
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BC9Y1

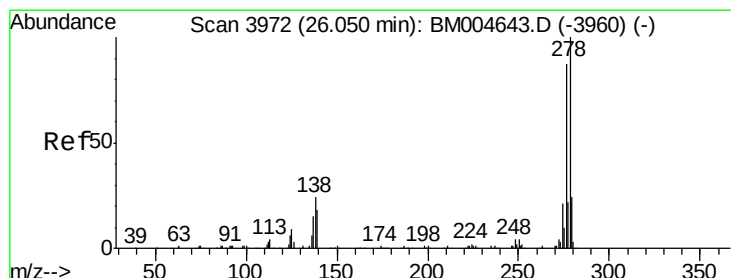
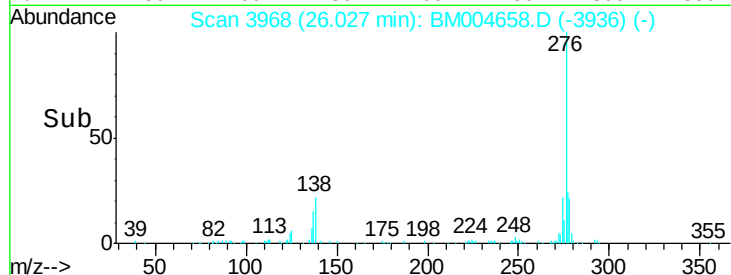
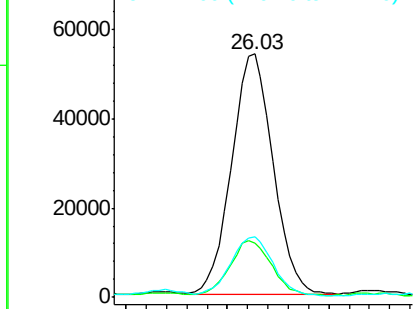
Tgt Ion:	276	Resp:	152396
Ion Ratio		Lower	Upper
276	100		
138	22.1	22.3	33.5#
277	24.9	20.2	30.2

Manual Integrations
APPROVED

UMANGI
3/18/2016 11:59:49 AM



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



#93

Dibenzo(a,h)anthracene

Concen: 1.69 ng/ul

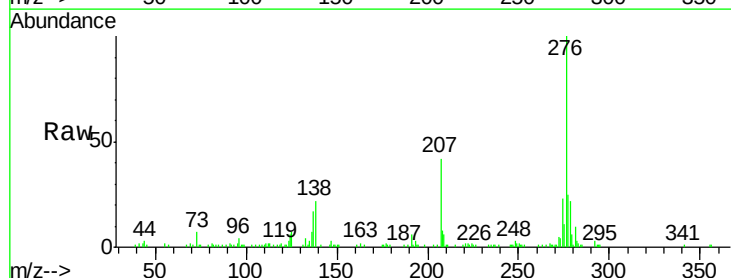
RT: 26.03 min Scan# 3968

Delta R.T. -0.02 min

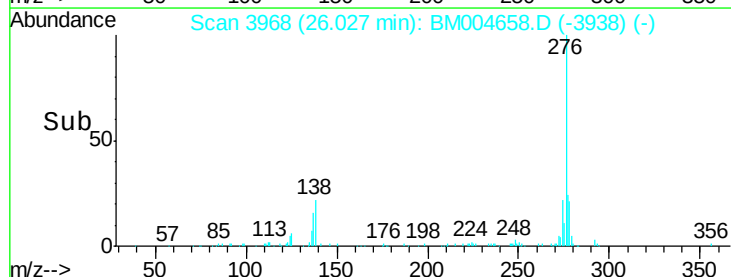
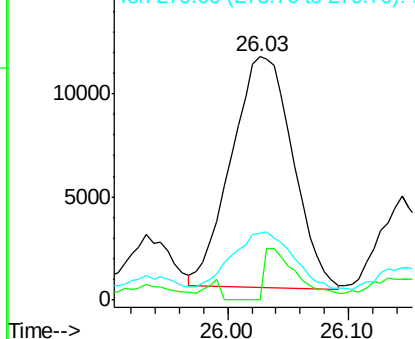
Lab File: BM004658.D

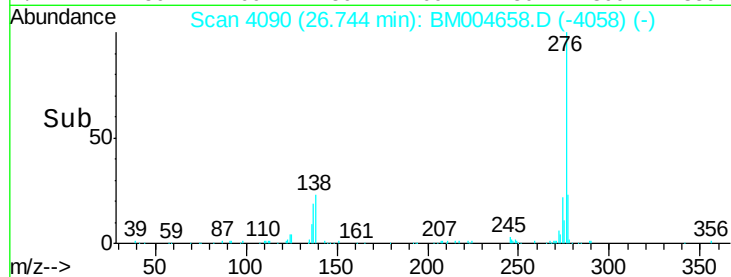
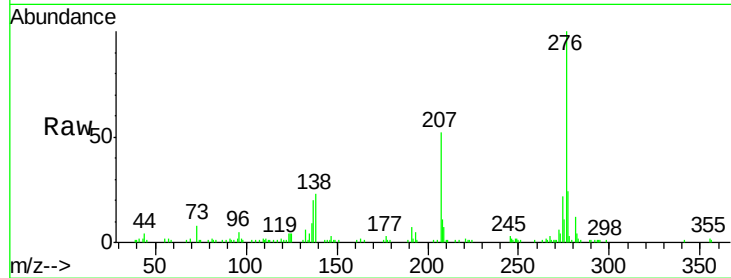
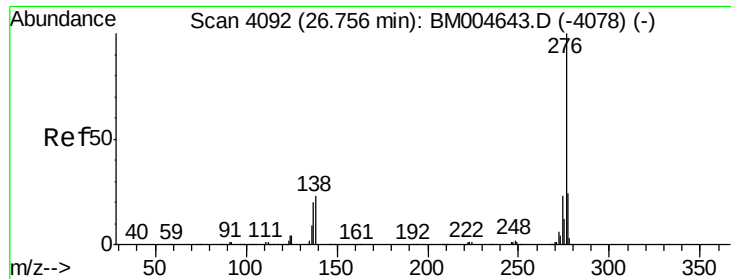
Acq: 17 Mar 2016 10:05

Tgt Ion:	278	Resp:	39593
Ion Ratio		Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.7	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 5.87 ng/ul

RT: 26.74 min Scan# 4090

Delta R.T. -0.01 min

Lab File: BM004658.D

Acq: 17 Mar 2016 10:05

Instrument :

BNA_M

ClientSampleId :

BC9Y1

Tgt	Ion	276	Resp:	141038
	Ratio	100	Lower	Upper
276				
138	22.7	18.9	28.3	
277	23.5	19.2	28.8	

Manual Integrations
APPROVED

UMANGI
3/18/2016 11:59:49 AM

