

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004031.D
 Acq On : 15 Jan 2016 03:06
 Operator : SJ/UM
 Sample : H1099-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9E3

Manual Integrations
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mohammad
 1/15/2016 3:03:20 PM

Quant Time: Jan 15 13:30:14 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	39715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	112519	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	245067	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	202302	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	180377	20.00	ng/ul	0.00

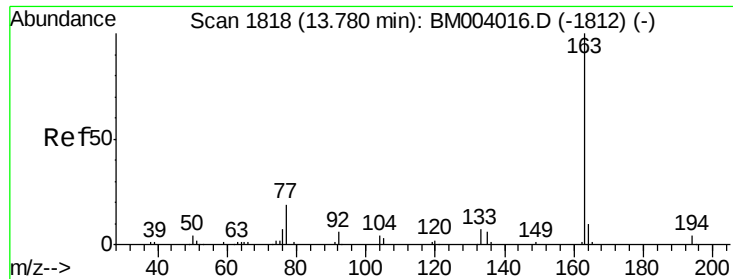
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2038	2.30	ng/uL	0.00
5) Phenol-d5	6.85	99	54119	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	30579	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	45912	16.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	40330	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	22020	15.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	24010	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	43783	15.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	31270	8.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	142630	16.15	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	177510	16.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	16530	10.42	ng/ul	0.00
58) Fluorene-d10	15.32	176	127598	17.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	10373	7.51	ng/ul	0.00
71) Anthracene-d10	17.17	188	187797	16.57	ng/ul	0.00
79) Pyrene-d10	19.47	212	191585	18.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	152297	16.91	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	61640	6.84	ng/ul	99
70) Phenanthrene	17.11	178	100943	7.32	ng/ul	99
72) Anthracene	17.20	178	20543	1.45	ng/ul	99
77) Fluoranthene	19.14	202	194396	13.57	ng/ul	99
80) Pyrene	19.50	202	191885	13.97	ng/ul	99
83) Benzo(a)anthracene	21.26	228	80098	6.65	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	7664	1.04	ng/ul#	98
85) Chrysene	21.31	228	83478	7.29	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	91365	8.33	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	30356m	2.91	ng/ul	
91) Benzo(a)pyrene	23.41	252	67642	6.50	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	43355	3.77	ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	12261	1.27	ng/ul#	88
94) Benzo(g,h,i)perylene	26.44	276	41731	4.32	ng/ul	99

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



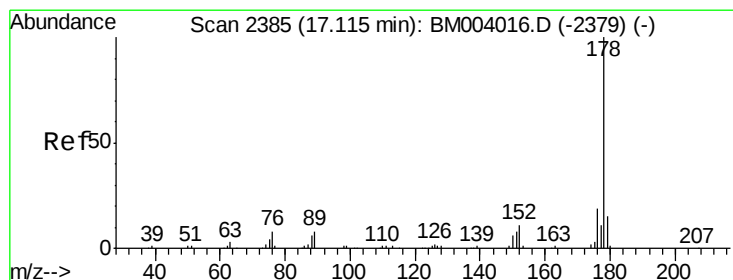
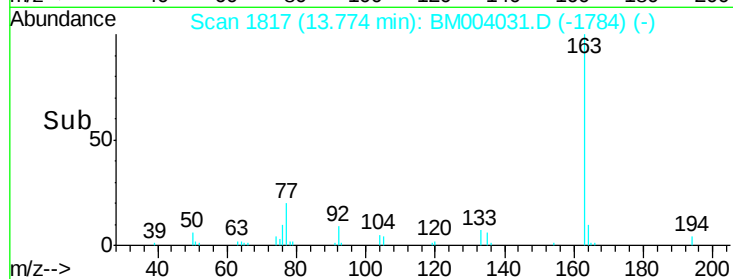
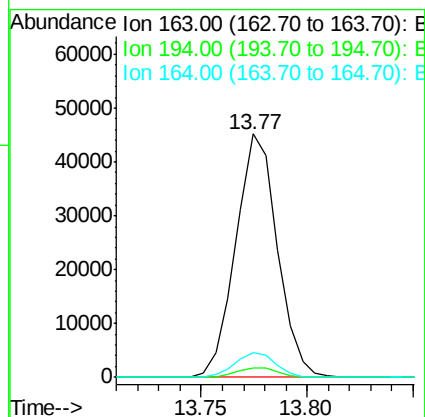
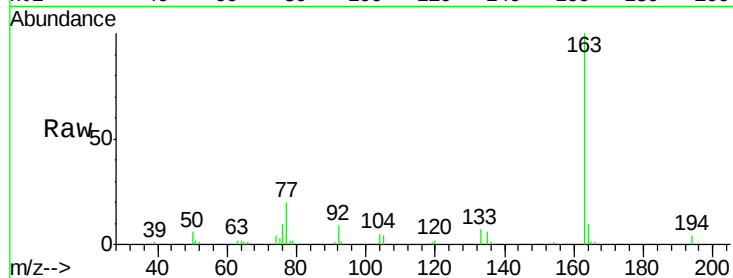
#45
Dimethylphthalate
Concen: 6.84 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Instrument :
BNA_M
ClientSampleId :
BC9E3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	61640		
194	3.9		3.2	4.8
164	10.2		7.8	11.8

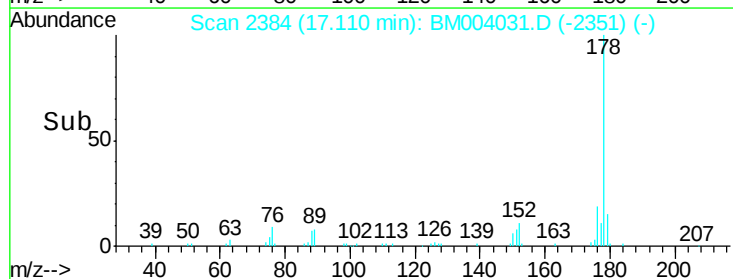
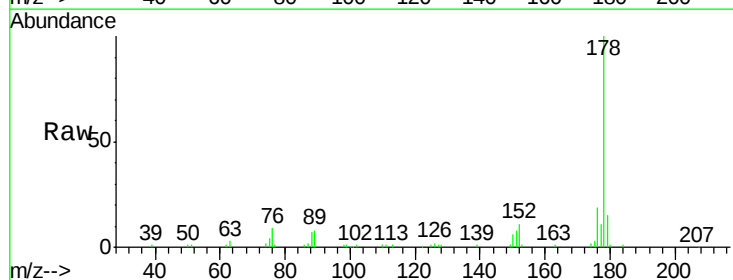
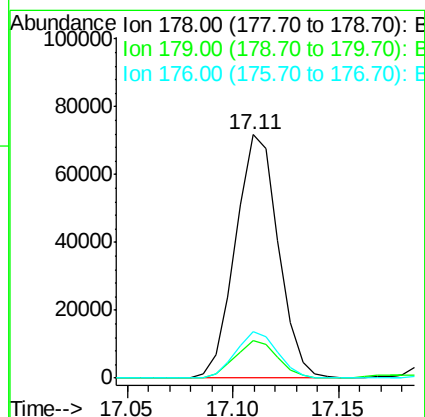
Manual Integrations
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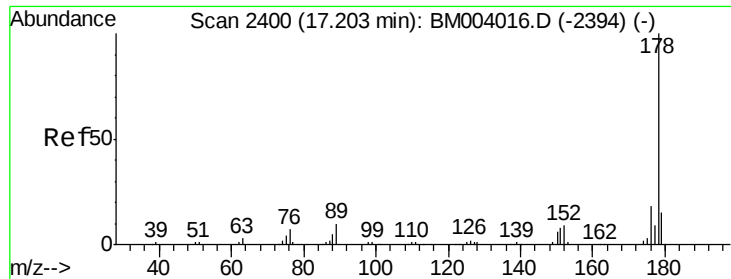
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#70
Phenanthrene
Concen: 7.32 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	100943		
179	15.3		12.2	18.4
176	18.9		15.6	23.4





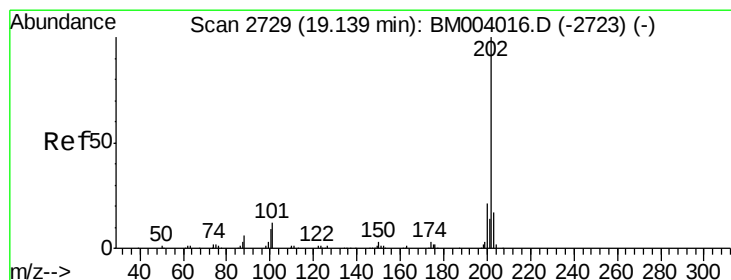
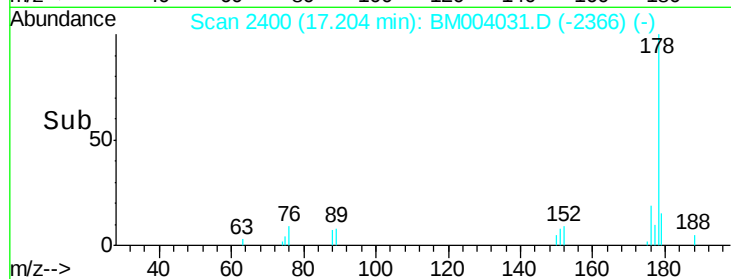
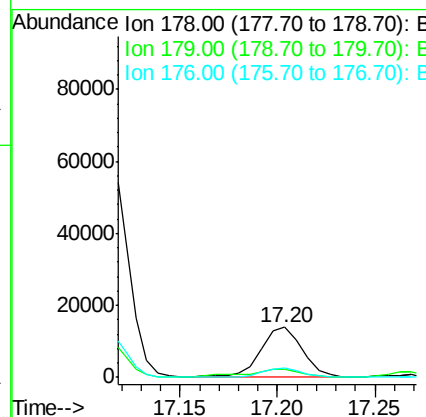
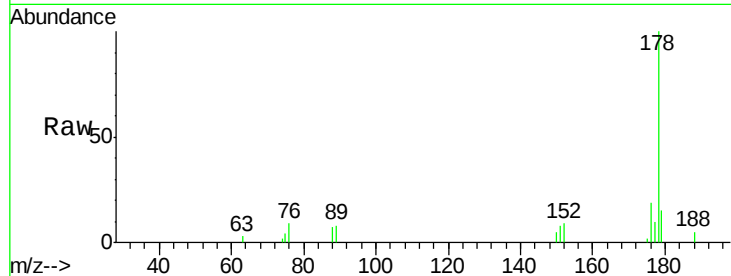
#72
 Anthracene
 Concen: 1.45 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM004031.D
 Acq: 15 Jan 2016 03:06

Instrument :
 BNA_M
 ClientSampleId :
 BC9E3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.9	14.8	22.2

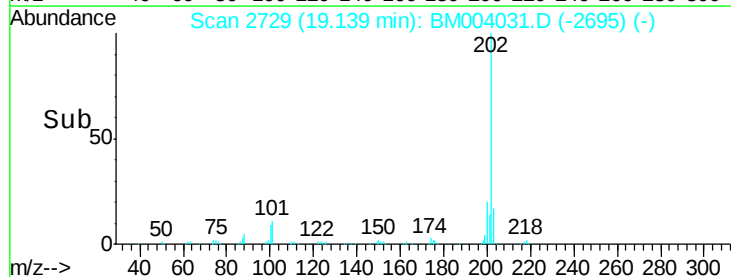
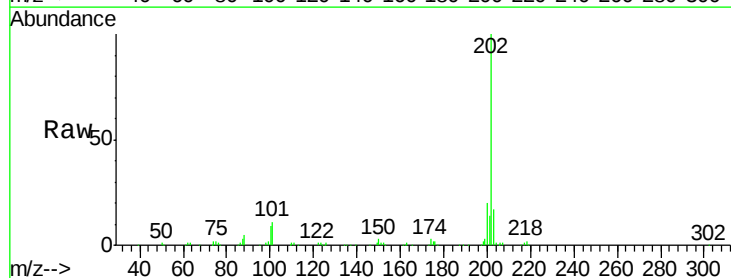
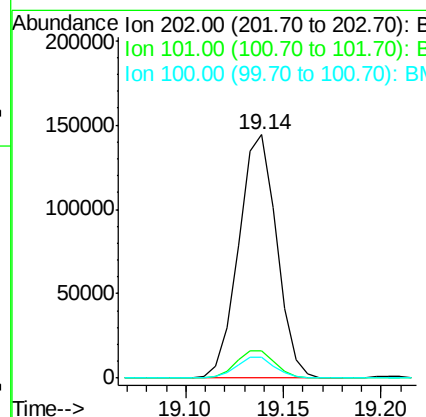
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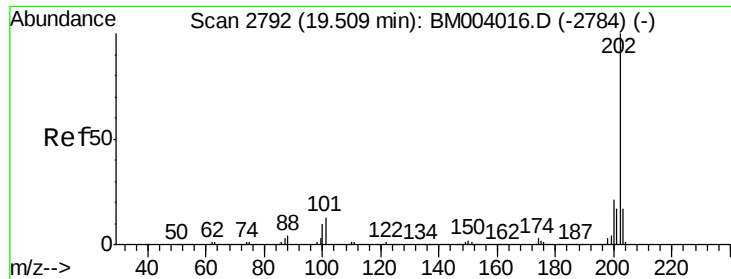
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#77
 Fluoranthene
 Concen: 13.57 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004031.D
 Acq: 15 Jan 2016 03:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.8	13.2
100	8.6	6.6	9.8





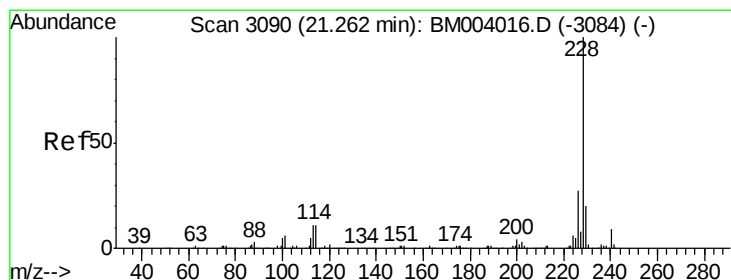
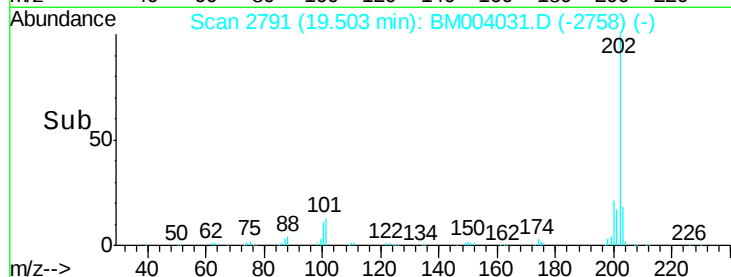
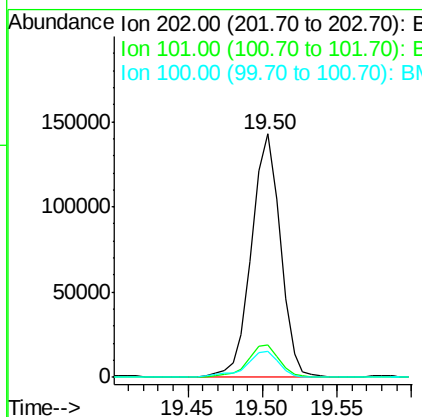
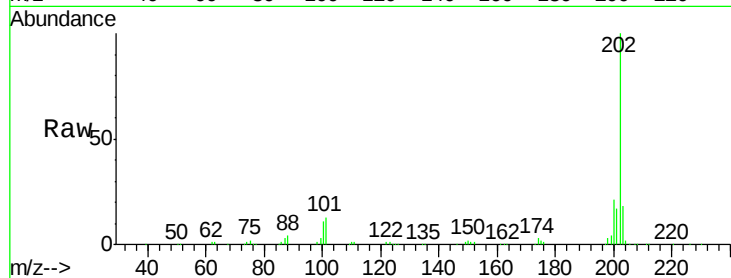
#80
 Pyrene
 Concen: 13.97 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004031.D
 Acq: 15 Jan 2016 03:06

Instrument :
 BNA_M
 ClientSampleId :
 BC9E3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	191885		
101	13.2	10.2	15.2	
100	10.8	8.5	12.7	

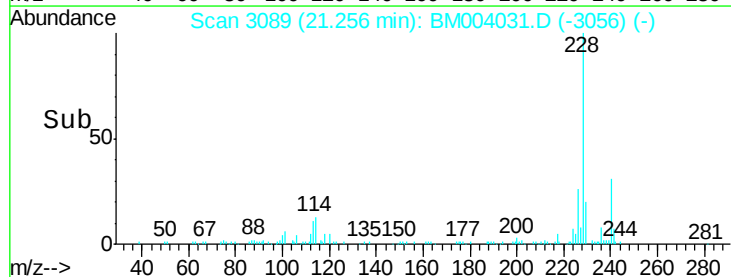
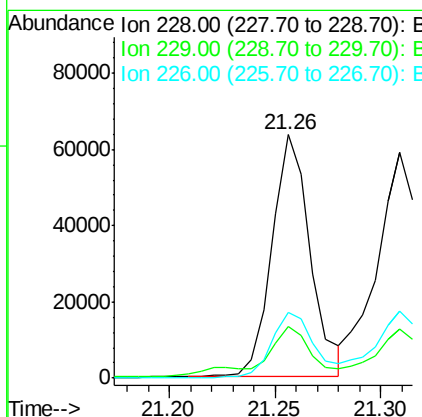
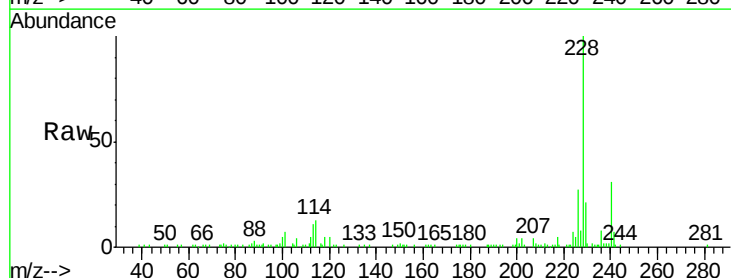
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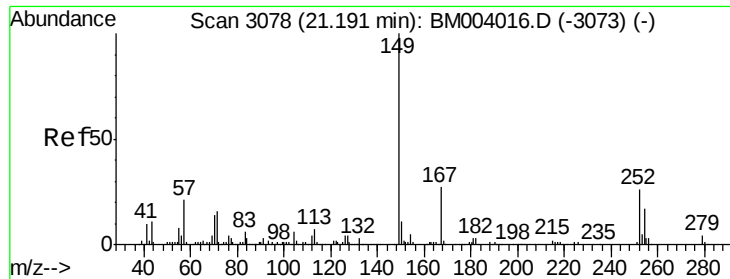
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#83
 Benzo(a)anthracene
 Concen: 6.65 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004031.D
 Acq: 15 Jan 2016 03:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	80098		
229	21.1	15.7	23.5	
226	26.9	21.8	32.6	





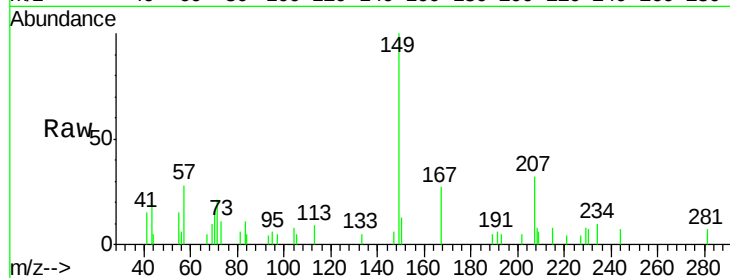
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.04 ng/ul
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Instrument :
BNA_M
ClientSampleId :
BC9E3

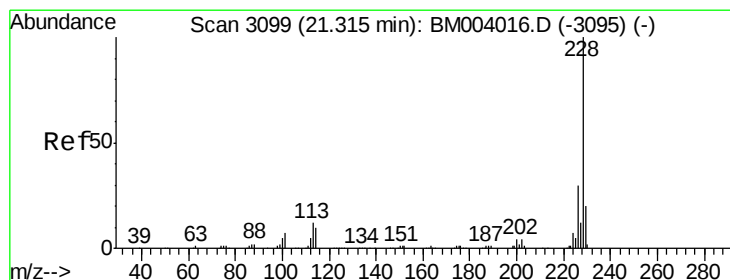
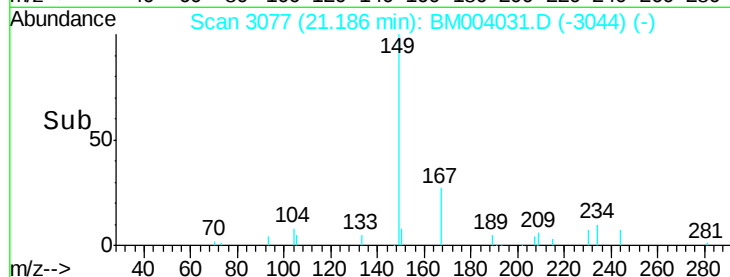
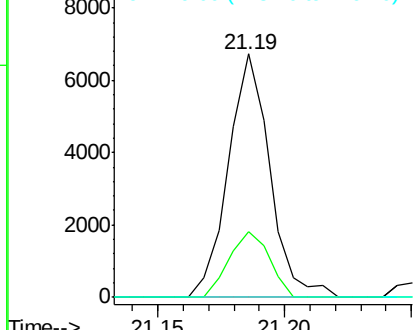
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.6	32.4
279	0.0	3.0	4.4#

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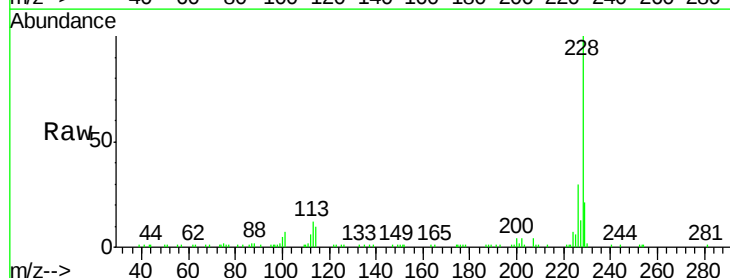


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

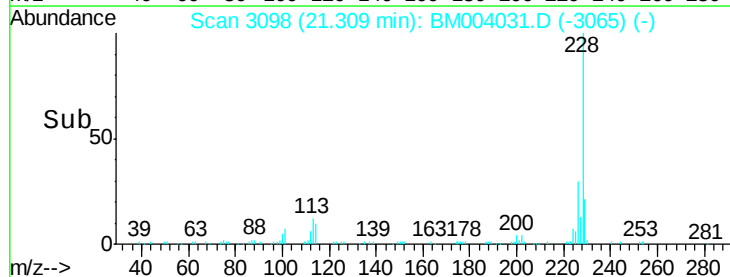
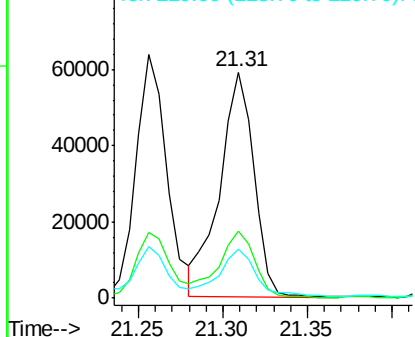


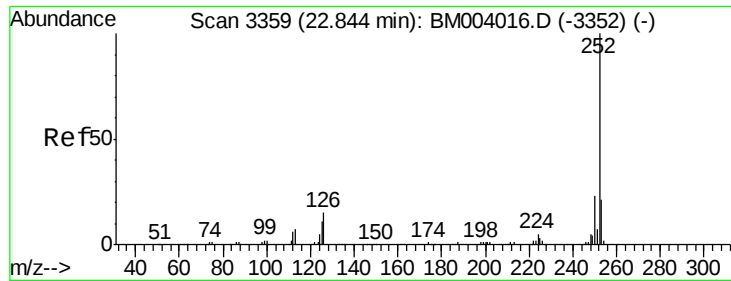
#85
Chrysene
Concen: 7.29 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.5	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: 8.33 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM004031.D

Acq: 15 Jan 2016 03:06

Instrument :

BNA_M

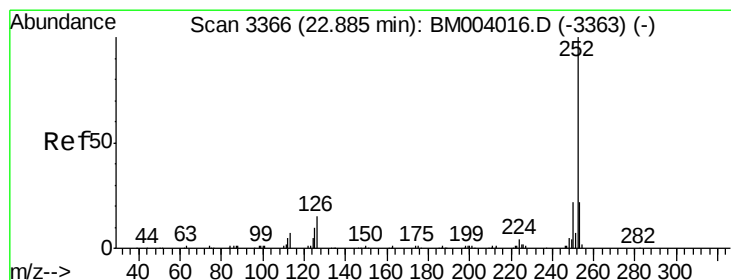
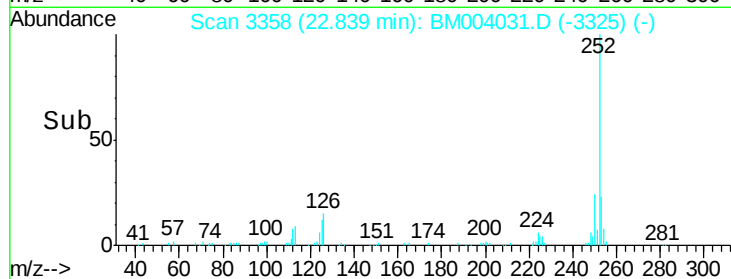
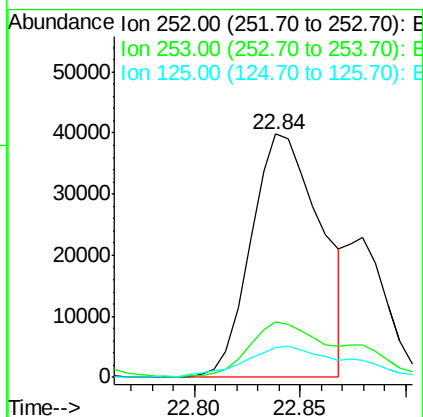
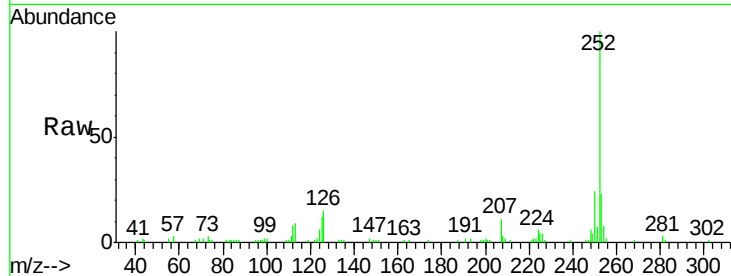
ClientSampleId :

BC9E3

Tgt Ion:	252	Resp:	91365
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	12.4	8.5	12.7

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.91 ng/ul m

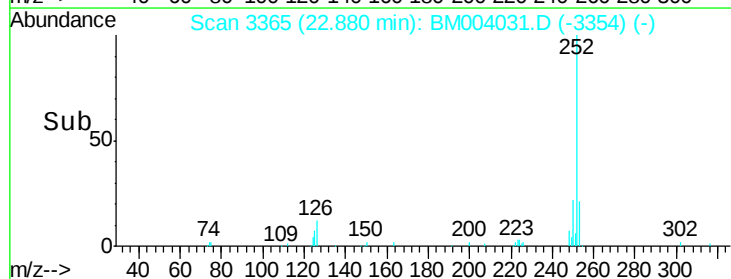
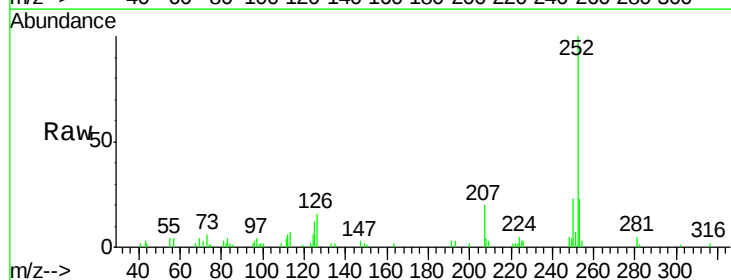
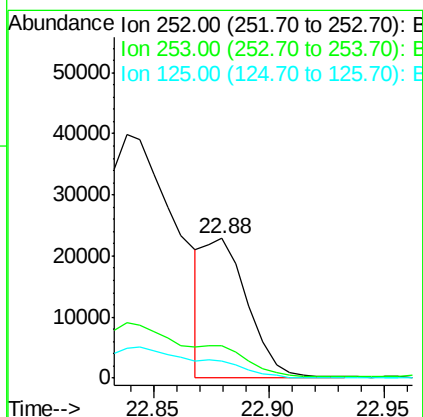
RT: 22.88 min Scan# 3365

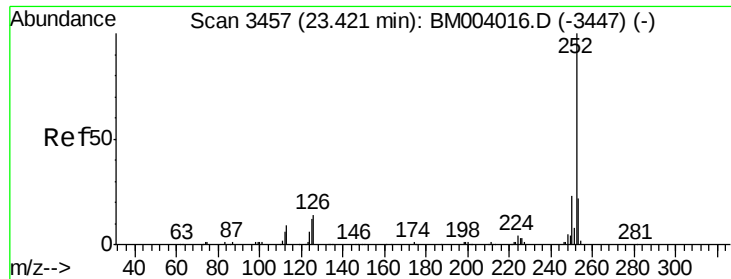
Delta R.T. -0.01 min

Lab File: BM004031.D

Acq: 15 Jan 2016 03:06

Tgt Ion:	252	Resp:	30356
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	11.9	8.2	12.2





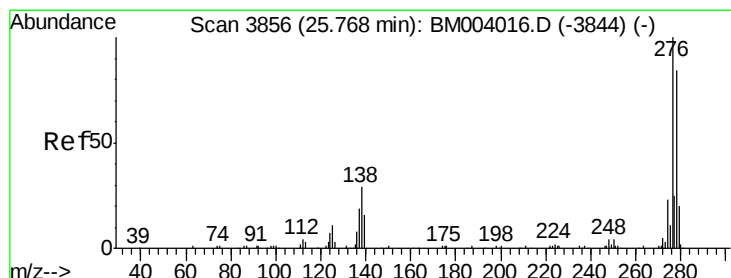
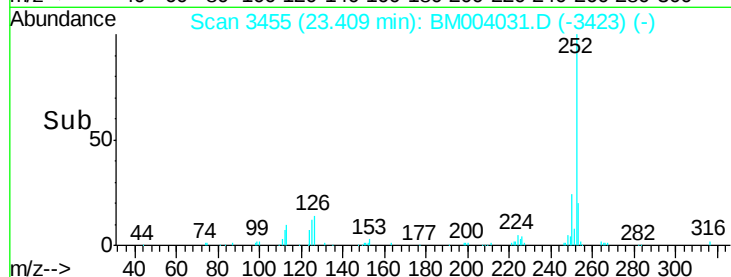
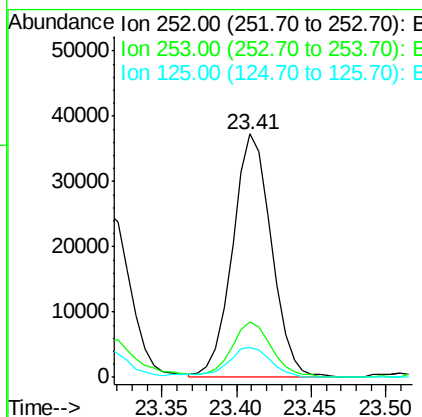
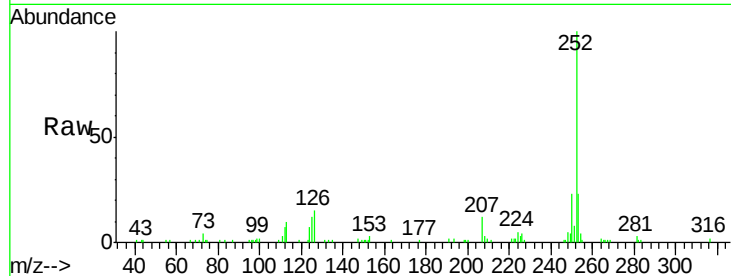
#91
Benzo(a)pyrene
Concen: 6.50 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Instrument :
BNA_M
ClientSampleId :
BC9E3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.4	9.0	13.6

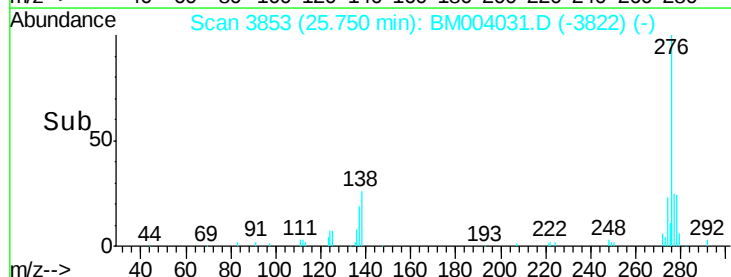
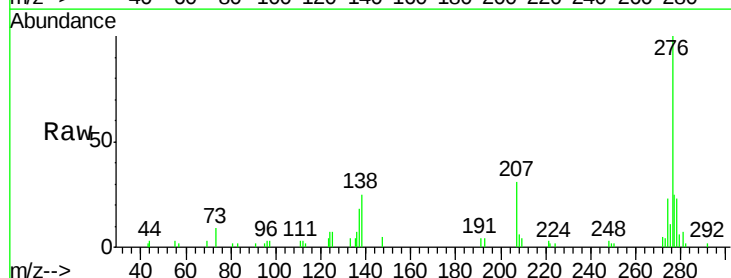
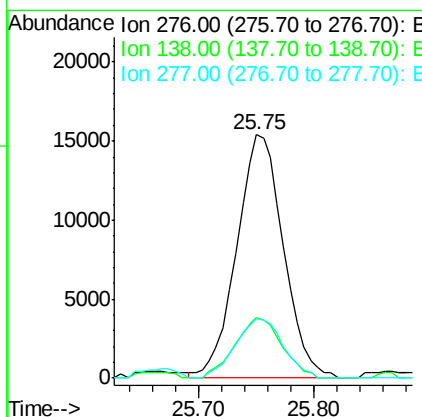
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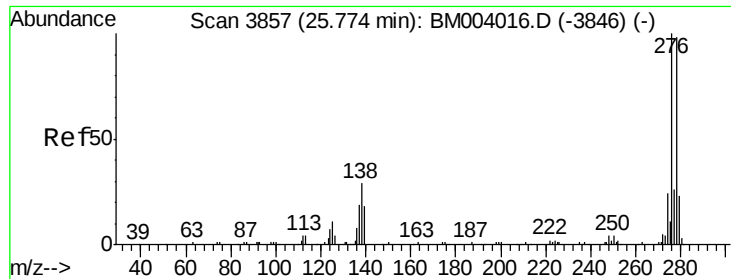
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.77 ng/ul
RT: 25.75 min Scan# 3853
Delta R.T. -0.02 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.3	33.5
277	24.5	20.2	30.2





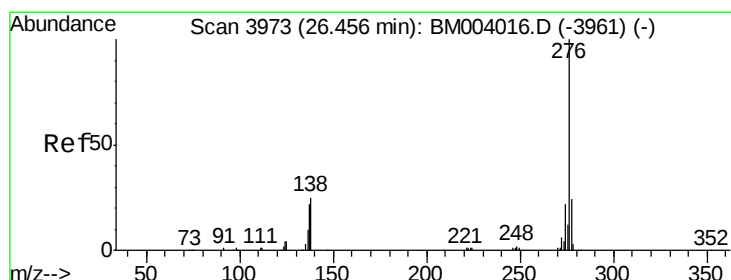
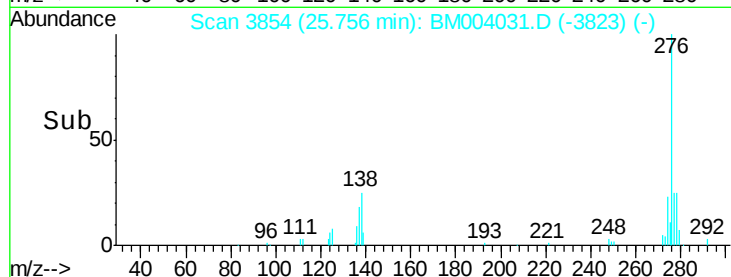
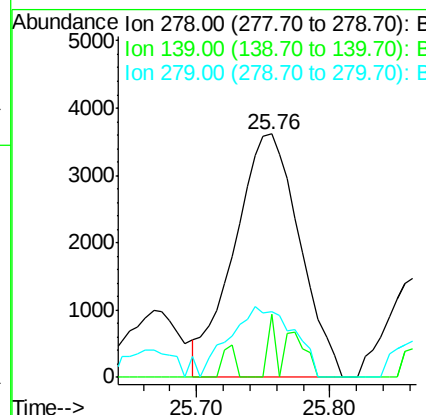
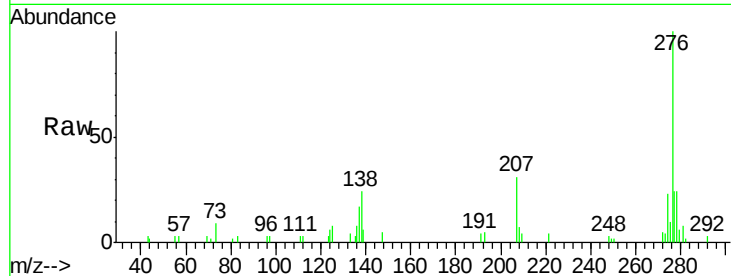
#93
Dibenzo(a,h)anthracene
Concen: 1.27 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Instrument :
BNA_M
ClientSampleId :
BC9E3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.7	13.9	20.9#
279	26.8	19.0	28.4

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 4.32 ng/ul
RT: 26.44 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM004031.D
Acq: 15 Jan 2016 03:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.9	28.3
277	23.8	19.2	28.8

