

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004047.D
 Acq On : 15 Jan 2016 14:47
 Operator : SJ/UM
 Sample : H1100-13DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9C7DL

Manual Integrations
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Sohil
 1/16/2016 5:01:04 AM

Quant Time: Jan 16 01:29:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 00:22:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	35950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	176302	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	101380	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	219431	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	179229	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	161261	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	6244	2.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3817	2.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5568	2.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	4463	1.85	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	2355	1.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	2341	1.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	4920	1.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	3210	0.94	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	18684	2.35	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	22866	2.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	422	0.30	ng/ul	0.02
58) Fluorene-d10	15.32	176	17963	2.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.17	188	26382	2.60	ng/ul	0.00
79) Pyrene-d10	19.47	212	26560	2.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	21326	2.65	ng/ul	0.00

Target Compounds

					Qvalue
70) Phenanthrene	17.12	178	59079	4.79 ng/ul	98
72) Anthracene	17.20	178	14656	1.16 ng/ul	99
77) Fluoranthene	19.14	202	108060	8.43 ng/ul	100
80) Pyrene	19.50	202	111072	9.13 ng/ul	98
83) Benzo(a)anthracene	21.26	228	47002	4.40 ng/ul	97
85) Chrysene	21.32	228	52388	5.17 ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	50926	5.19 ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	18102m	1.94 ng/ul	
91) Benzo(a)pyrene	23.41	252	39806	4.28 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	24034	2.34 ng/ul	96
94) Benzo(g,h,i)perylene	26.45	276	19240	2.23 ng/ul	95

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

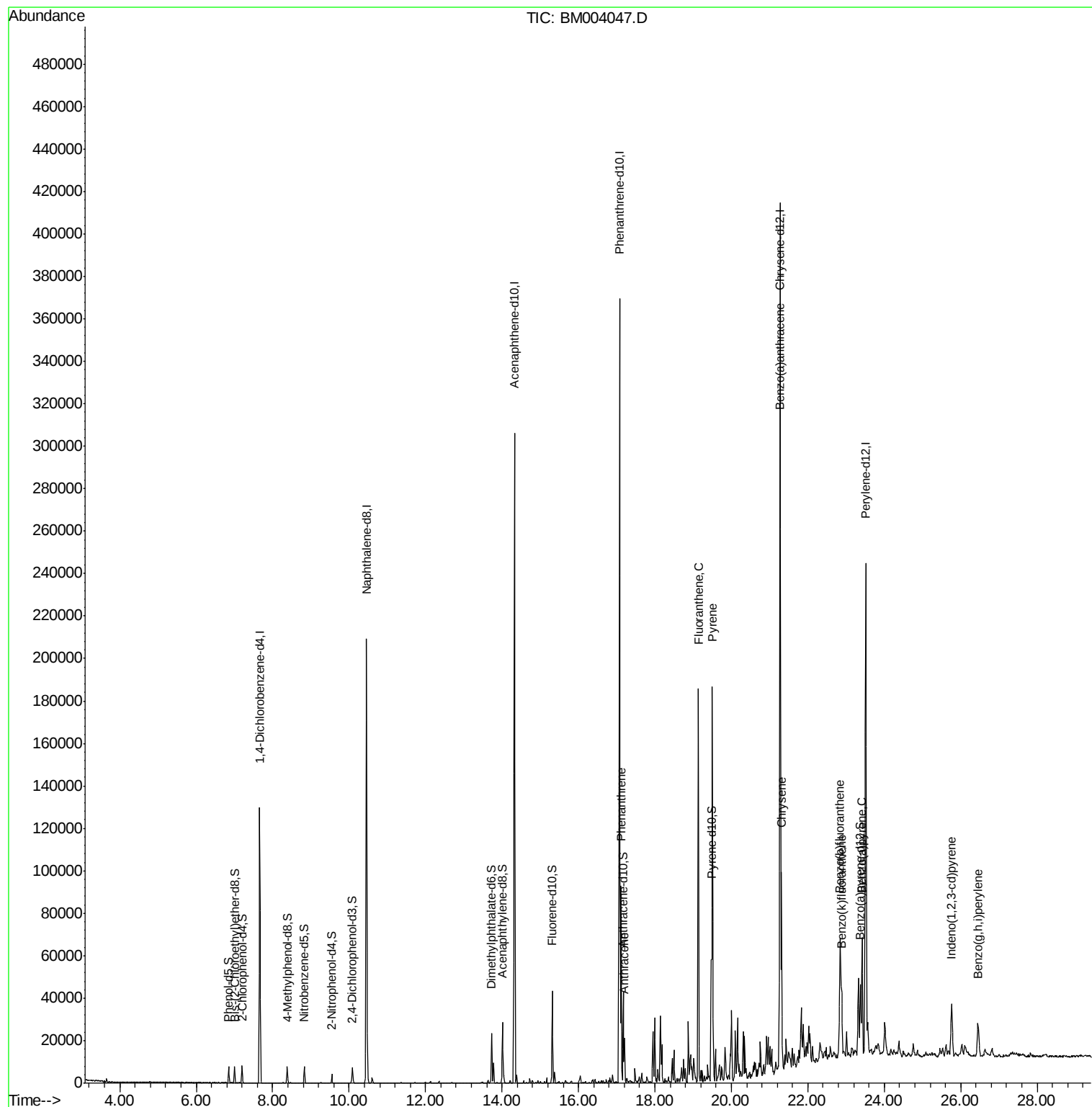
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004047.D
Acq On : 15 Jan 2016 14:47
Operator : SJ/UM
Sample : H1100-13DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

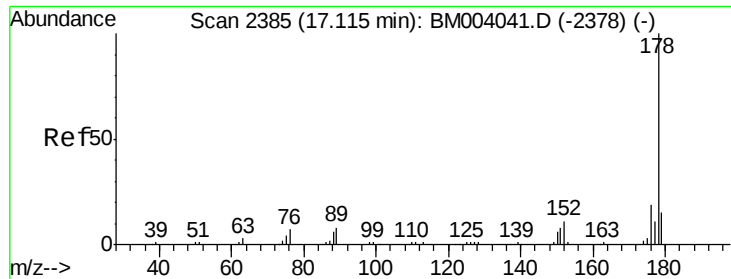
Instrument :
BNA_M
ClientSampleId :
BC9C7DL

Manual Integrations
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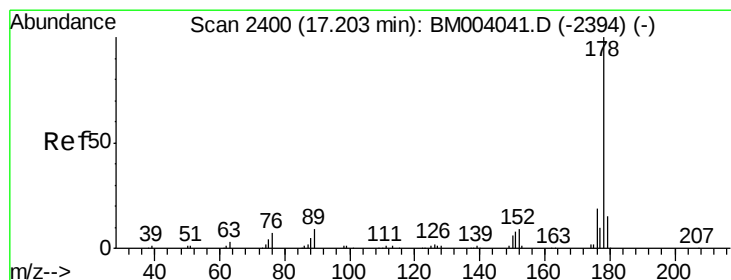
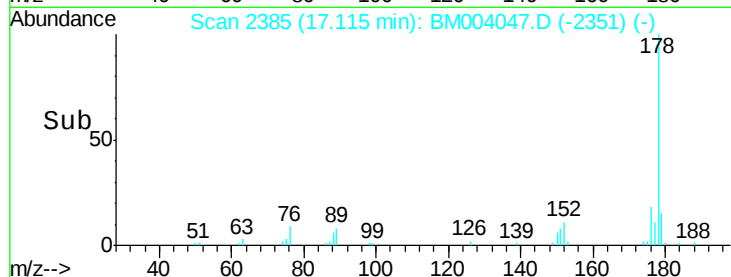
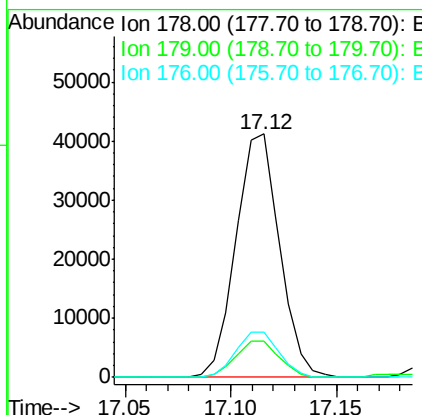
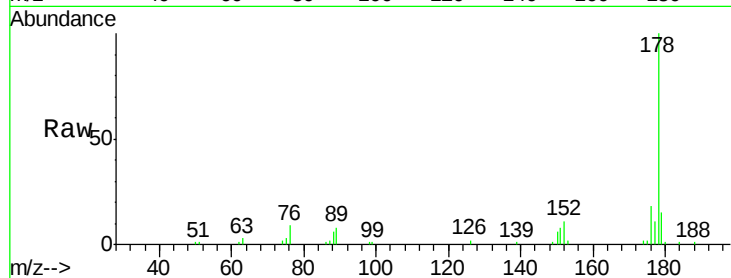
#70
 Phenanthrene
 Concen: 4.79 ng/ul
 RT: 17.12 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BM004047.D
 Acq: 15 Jan 2016 14:47

Instrument :
 BNA_M
 ClientSampleId :
 BC9C7DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	18.3	15.6	23.4

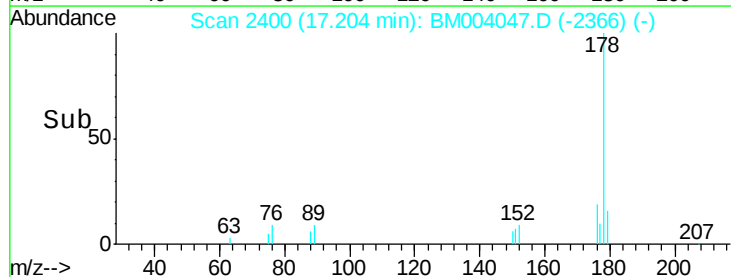
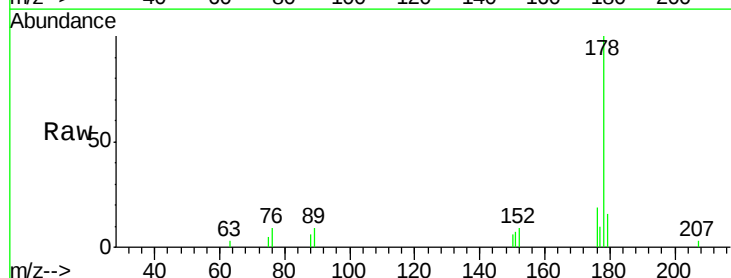
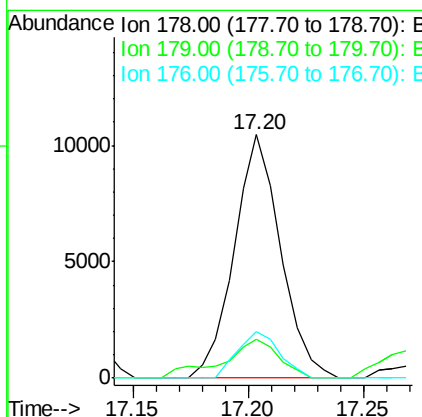
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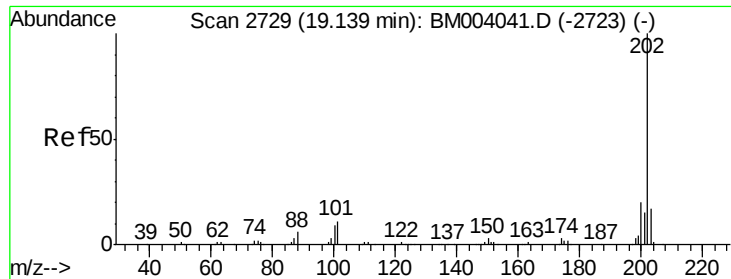
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#72
 Anthracene
 Concen: 1.16 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM004047.D
 Acq: 15 Jan 2016 14:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	18.9	14.8	22.2





#77

Fluoranthene

Concen: 8.43 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004047.D

Acq: 15 Jan 2016 14:47

Instrument :

BNA_M

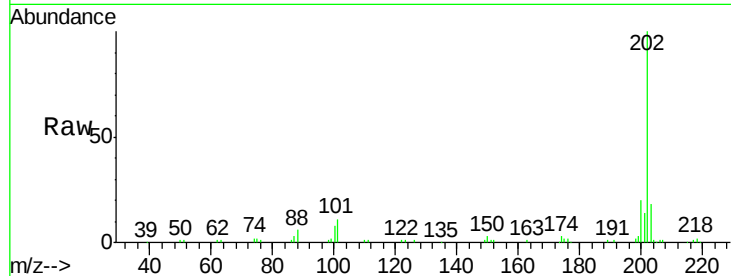
ClientSampleId :

BC9C7DL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		108060		
101	11.0	8.8	13.2		
100	8.3	6.6	9.8		

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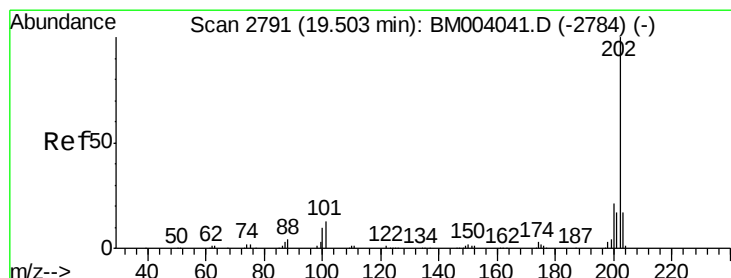
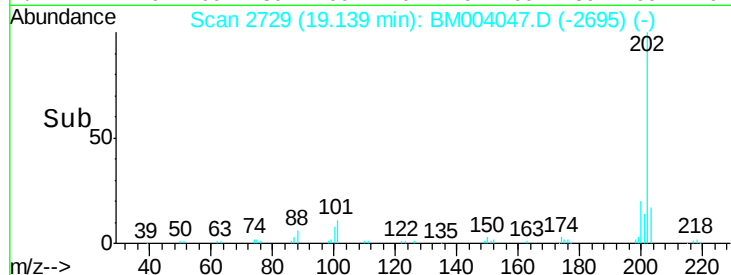
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Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.14

Time-->



#80

Pyrene

Concen: 9.13 ng/ul

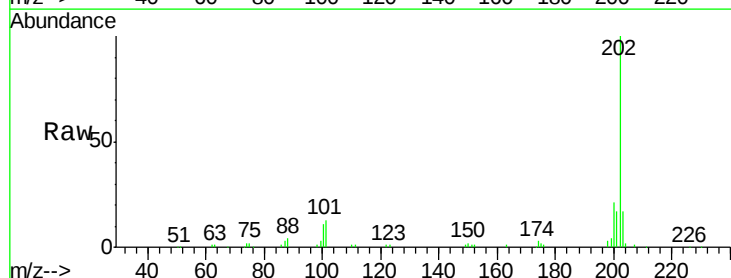
RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM004047.D

Acq: 15 Jan 2016 14:47

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		111072		
101	13.5	10.2	15.2		
100	11.2	8.5	12.7		



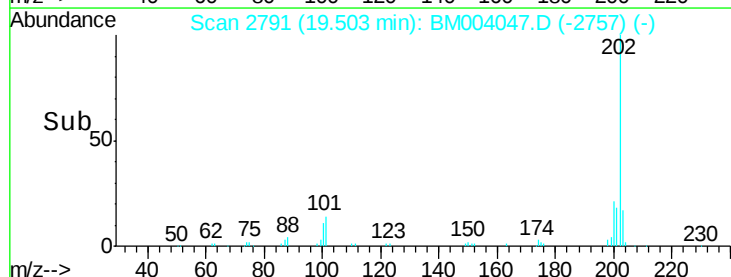
Abundance Ion 202.00 (201.70 to 202.70): E

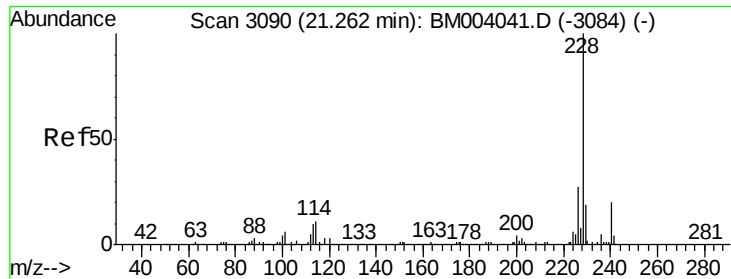
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.50

Time-->





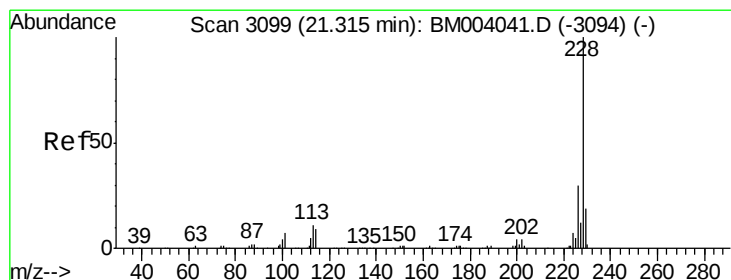
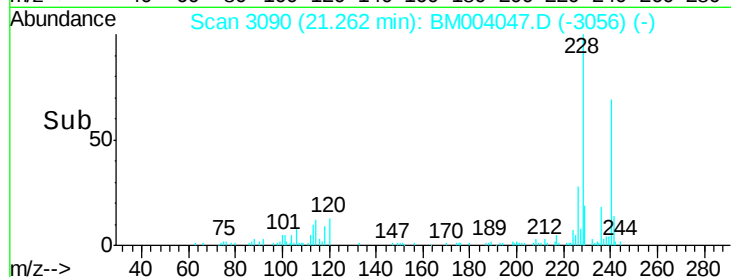
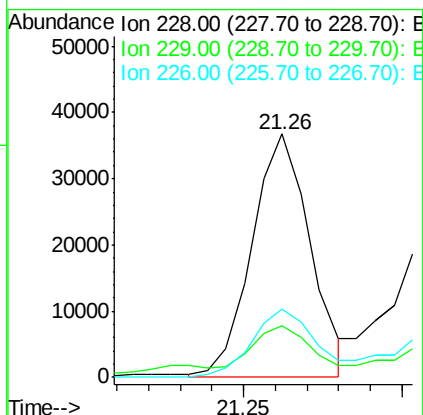
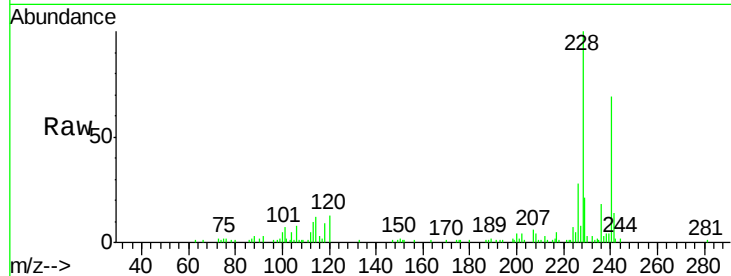
#83
Benzo(a)anthracene
Concen: 4.40 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004047.D
Acq: 15 Jan 2016 14:47

Instrument :
BNA_M
ClientSampleID :
BC9C7DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.2	21.8	32.6

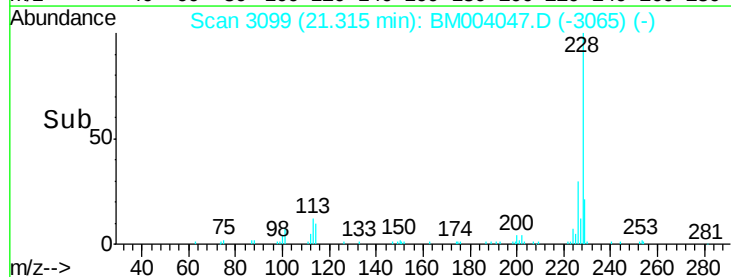
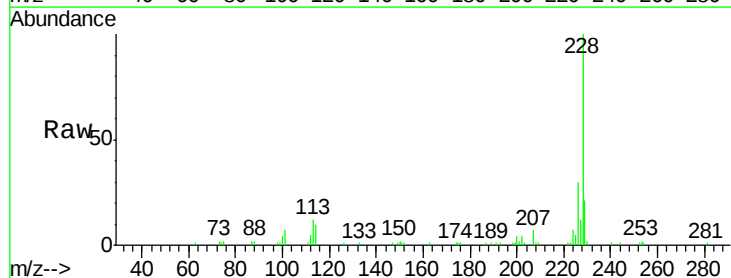
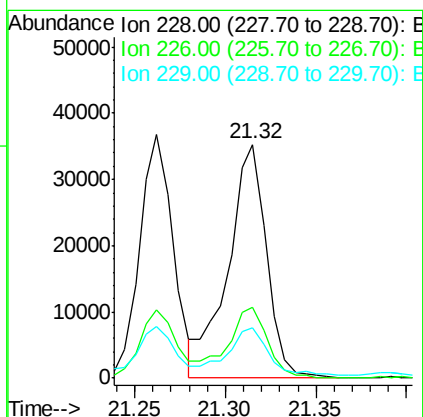
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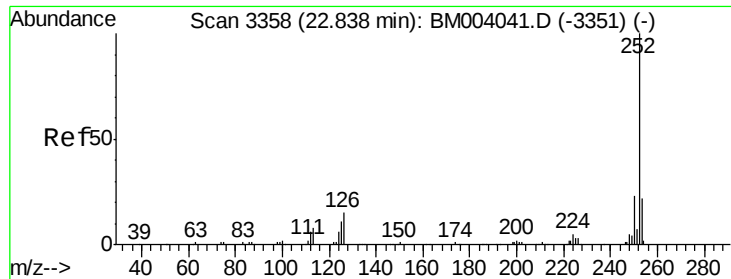
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#85
Chrysene
Concen: 5.17 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004047.D
Acq: 15 Jan 2016 14:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.4	15.6	23.4





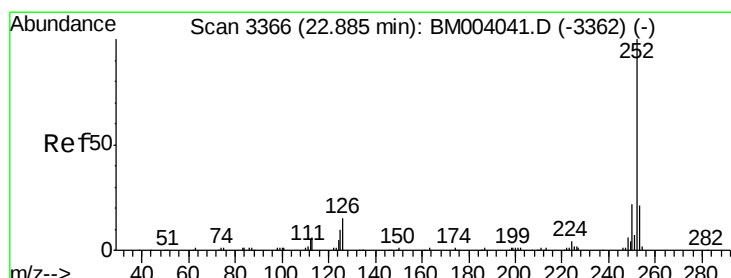
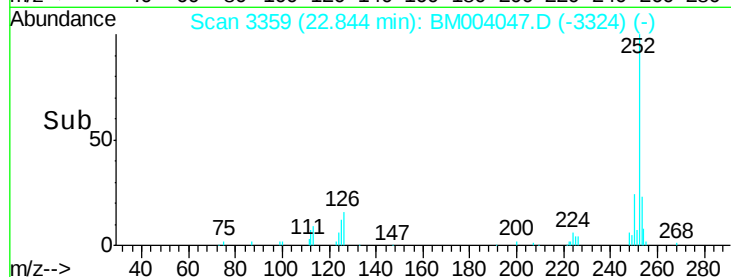
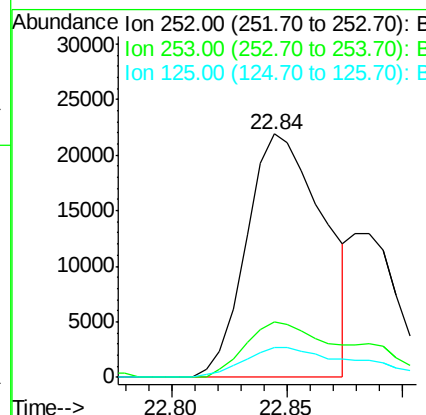
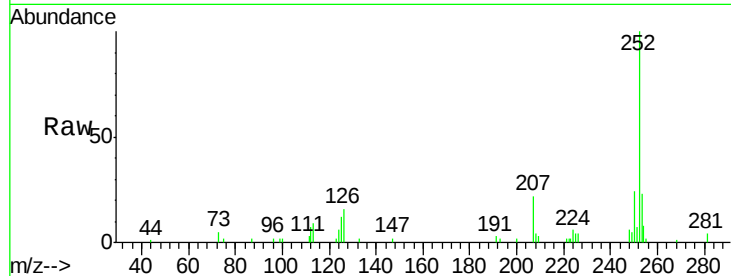
#88
Benzo(b)fluoranthene
Concen: 5.19 ng/uI
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM004047.D
Acq: 15 Jan 2016 14:47

Instrument :
BNA_M
ClientSampleId :
BC9C7DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.0	8.5	12.7

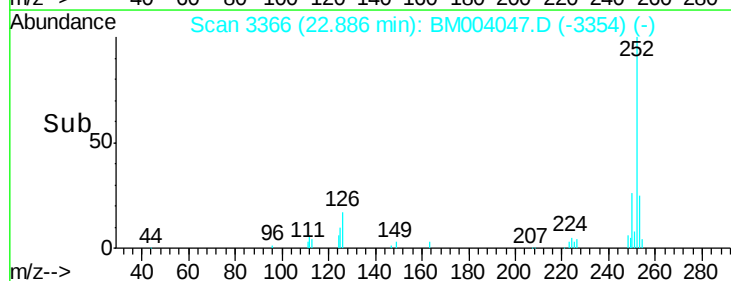
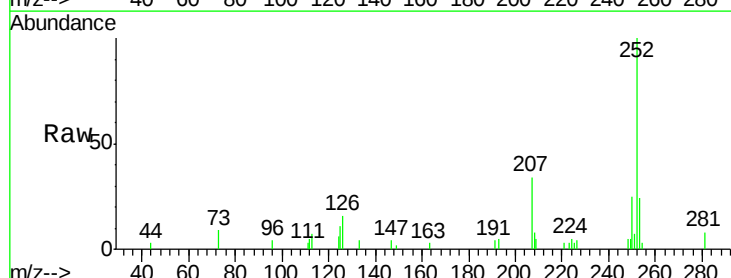
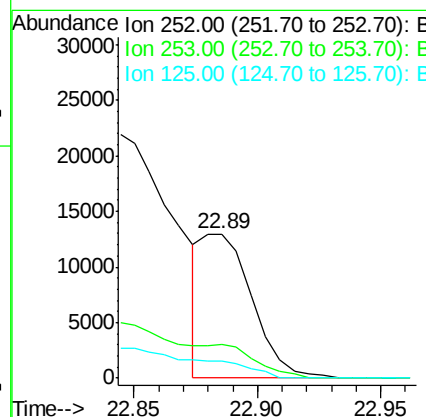
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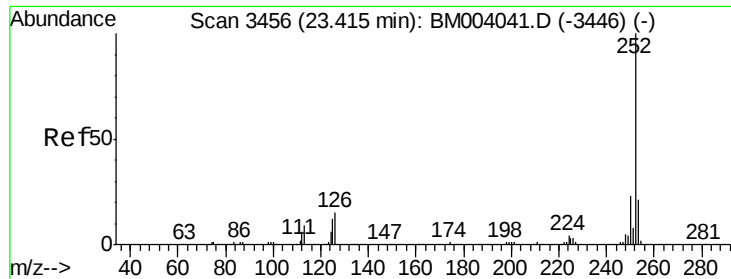
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#89
Benzo(k)fluoranthene
Concen: 1.94 ng/uI m
RT: 22.89 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM004047.D
Acq: 15 Jan 2016 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.4	8.2	12.2





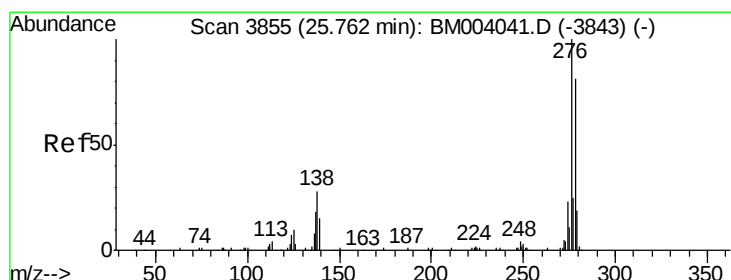
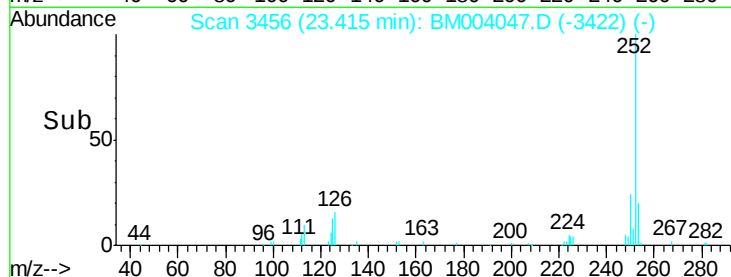
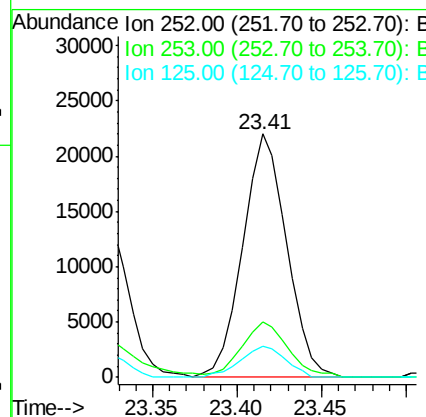
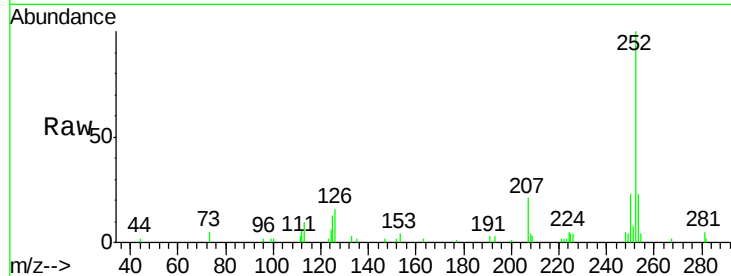
#91
Benzo(a)pyrene
Concen: 4.28 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM004047.D
Acq: 15 Jan 2016 14:47

Instrument :
BNA_M
ClientSampleId :
BC9C7DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.2	25.8
125	12.6	9.0	13.6

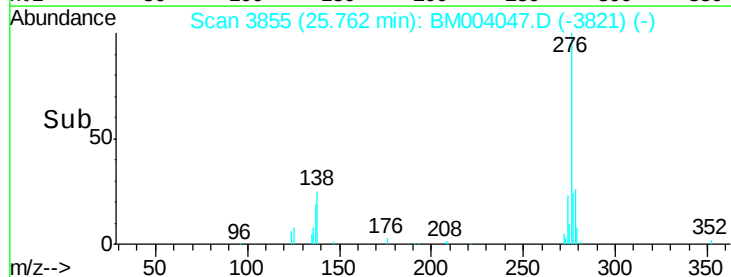
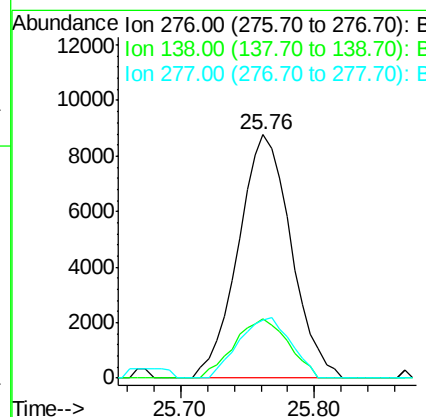
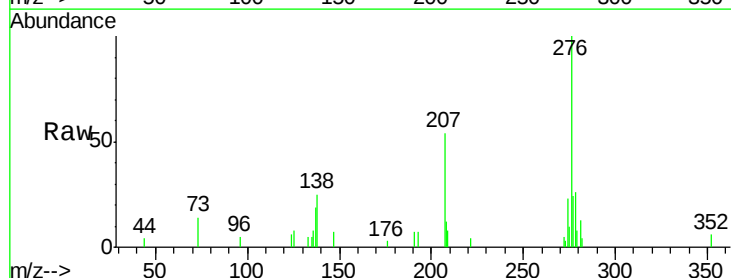
Manual Integrations
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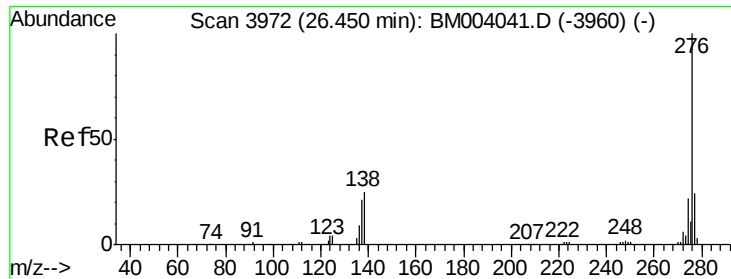
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng/ul
RT: 25.76 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BM004047.D
Acq: 15 Jan 2016 14:47

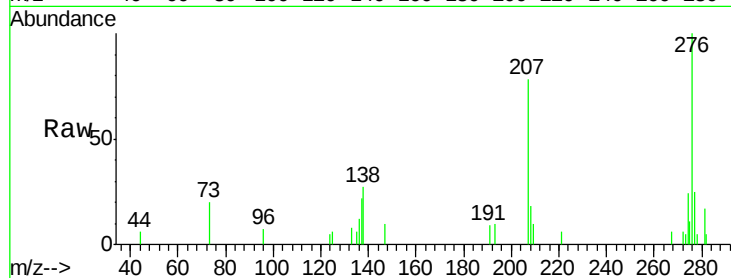
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.6	22.3	33.5
277	24.0	20.2	30.2





#94
 Benzo(g,h,i)perylene
 Concen: 2.23 ng/ul
 RT: 26.45 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: BM004047.D
 Acq: 15 Jan 2016 14:47

Instrument :
 BNA_M
 ClientSampleId :
 BC9C7DL



Tgt Ion:	276	Resp:	19240
Ion Ratio		Lower	Upper
276	100		
138	27.3	18.9	28.3
277	25.1	19.2	28.8

Manual Integrations
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