

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004206.D
 Acq On : 08 Feb 2016 18:47
 Operator : SJ/IZ
 Sample : H1340-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04K4

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:30:54 PM

Quant Time: Feb 09 01:17:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	28676	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	142688	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	87776	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	201957	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	229973	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	203216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2145	3.95	ng/uL	0.00
5) Phenol-d5	6.84	99	48511	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	27988	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	43773	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	28053	11.69	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	22908	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	25410	21.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	43392	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	60330	21.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	154324	20.44	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	188400	21.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	20678	13.68	ng/ul	0.01
58) Fluorene-d10	15.32	176	135483	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	14706	11.82	ng/ul	0.00
71) Anthracene-d10	17.17	188	210657	21.44	ng/ul	0.00
79) Pyrene-d10	19.47	212	243776	23.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	236915	22.35	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	59820	7.52	ng/ul	99
50) Acenaphthene	14.38	153	7760	1.18	ng/ul	96
70) Phenanthrene	17.11	178	76668	6.22	ng/ul	99
72) Anthracene	17.20	178	19705	1.58	ng/ul	98
77) Fluoranthene	19.14	202	152378	10.62	ng/ul	100
80) Pyrene	19.50	202	130373	9.22	ng/ul	99
83) Benzo(a)anthracene	21.26	228	81740	5.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	40031	4.42	ng/ul	98
85) Chrysene	21.32	228	73949	5.31	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	86880	6.70	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	33617m	2.78	ng/ul	
91) Benzo(a)pyrene	23.41	252	59370	4.74	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	32613	2.18	ng/ul	95
94) Benzo(g,h,i)perylene	26.45	276	23275	1.82	ng/ul	97

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

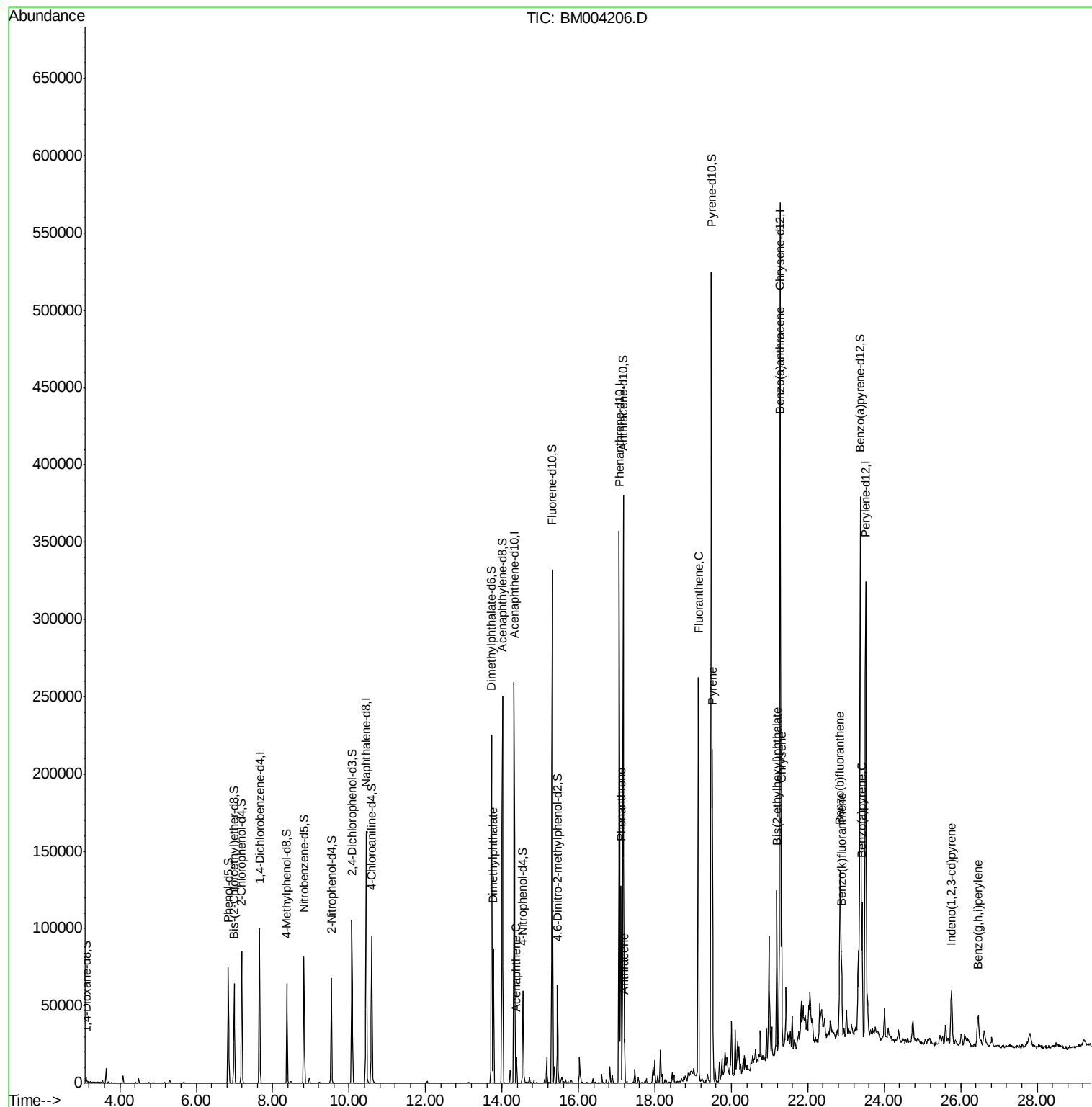
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004206.D
Acq On : 08 Feb 2016 18:47
Operator : SJ/IZ
Sample : H1340-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

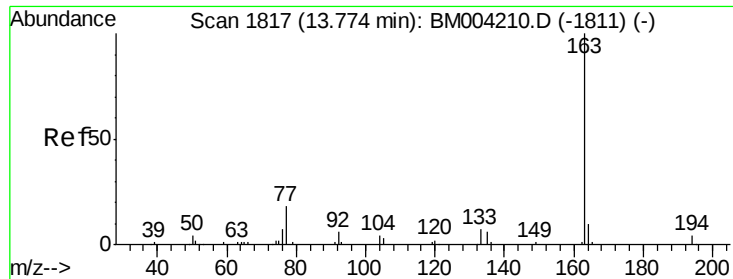
Instrument :
BNA_M
ClientSampleId :
C04K4

Manual Integrations
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Quant Time: Feb 09 01:17:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration





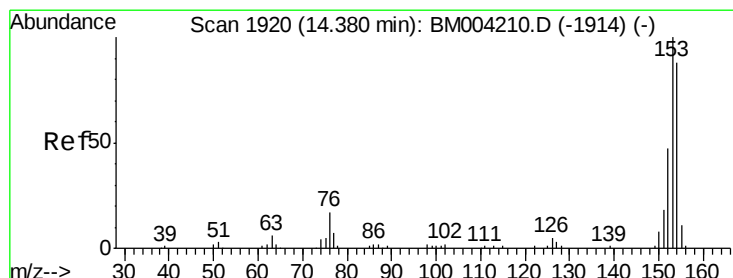
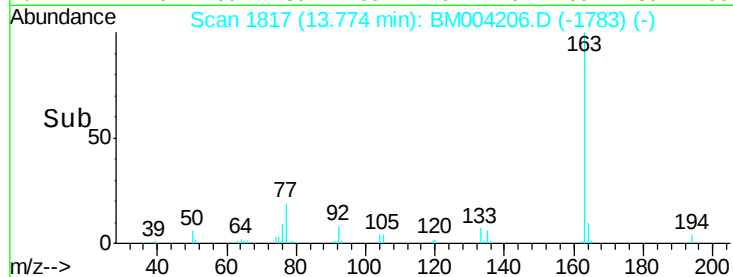
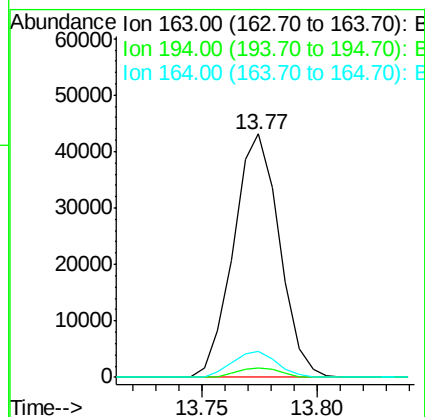
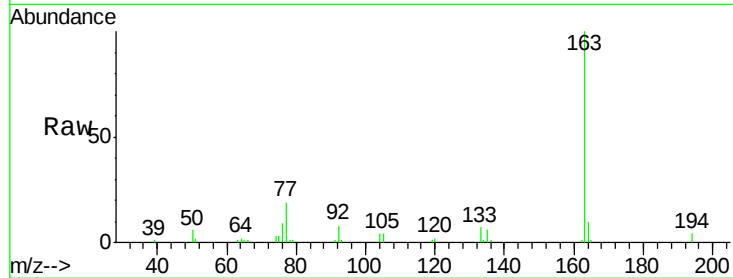
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Dimethylphthalate
Concen: 7.52 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Instrument :
BNA_M
ClientSampled :
C04K4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	59820		
194	4.0		3.2	4.8
164	10.5		7.8	11.8

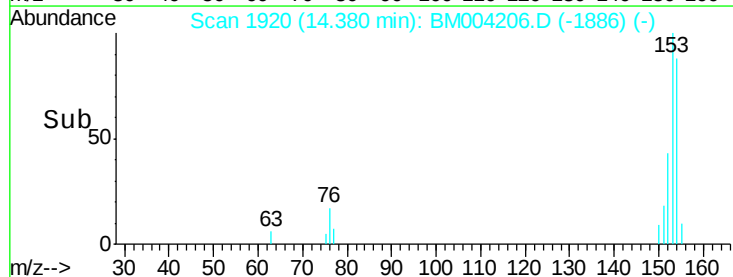
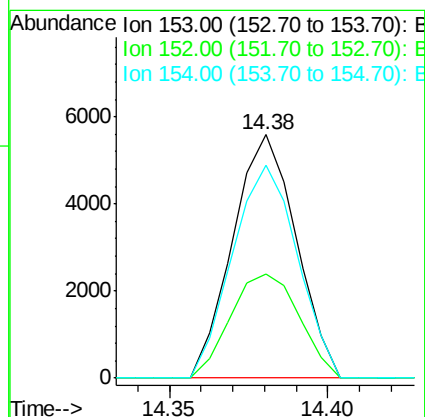
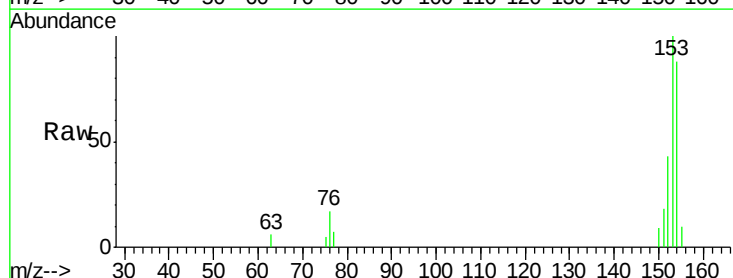
Manual Integrations
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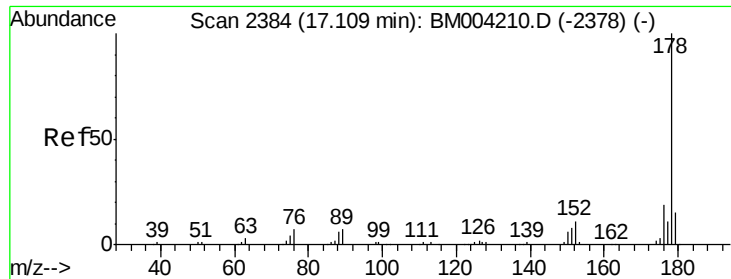
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#50
Acenaphthene
Concen: 1.18 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	7760		
152	42.8		38.3	57.5
154	87.5		71.8	107.8





#70

Phenanthrene

Concen: 6.22 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

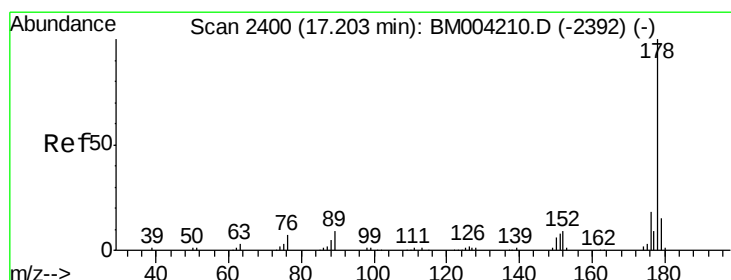
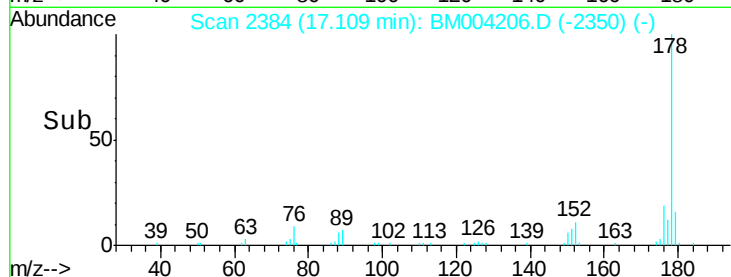
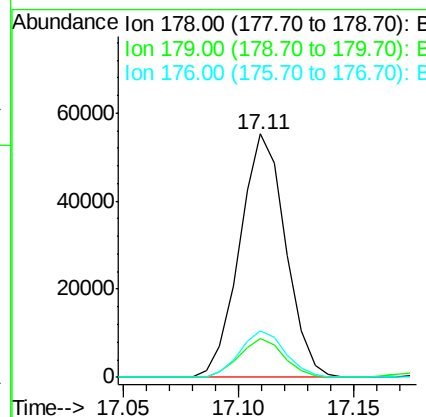
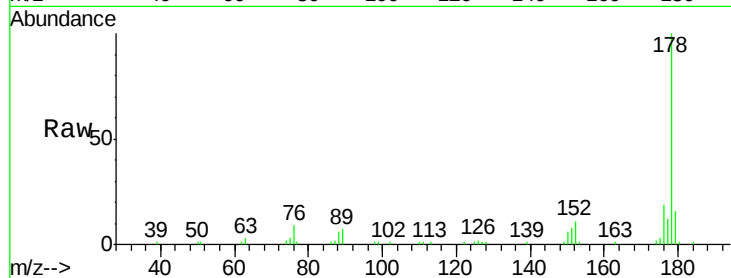
ClientSampleId :

C04K4

Tgt Ion:	178	Resp:	76668
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.2	18.4
176	19.4	15.6	23.4

Manual Integrations
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#72

Anthracene

Concen: 1.58 ng/ul

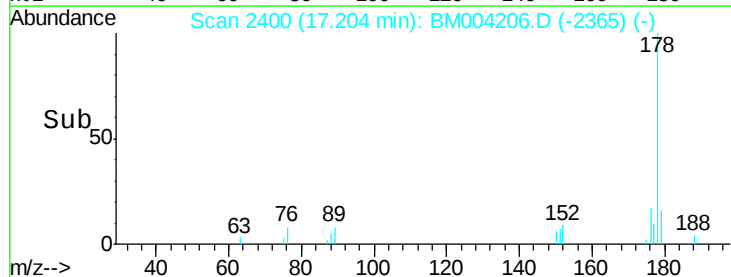
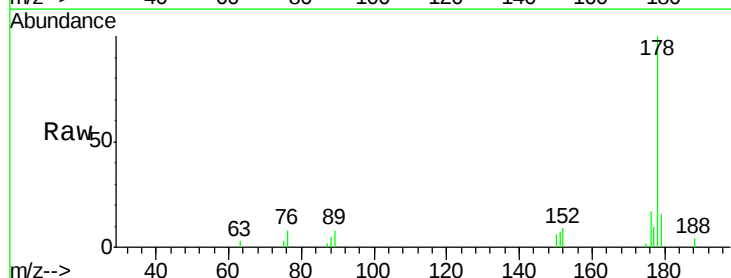
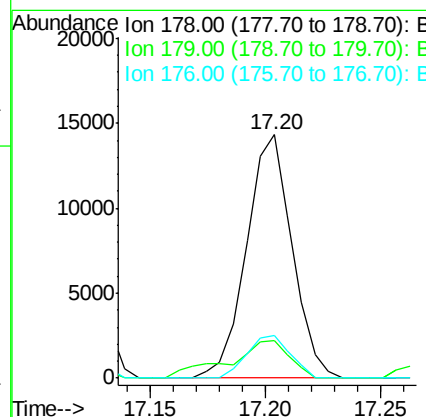
RT: 17.20 min Scan# 2400

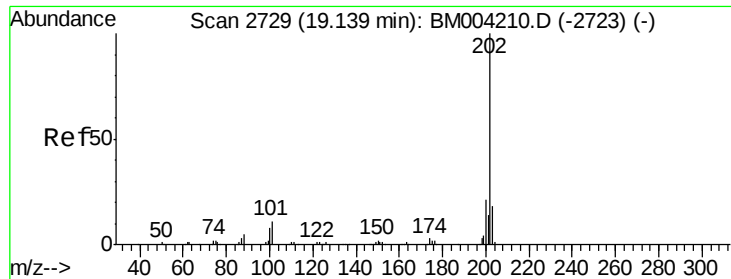
Delta R.T. 0.01 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Tgt Ion:	178	Resp:	19705
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	17.5	14.8	22.2





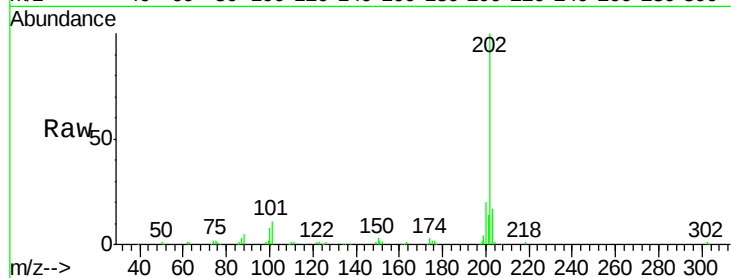
#77
Fluoranthene
 Concen: 10.62 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004206.D
 Acq: 08 Feb 2016 18:47

Instrument :
 BNA_M
 ClientSampleId :
 C04K4

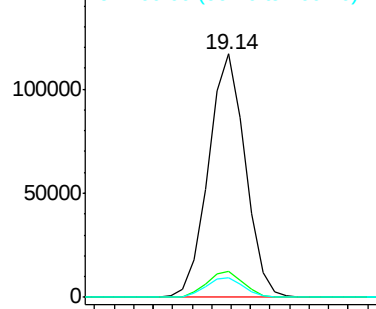
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	152378		
101	10.9	8.8	13.2	
100	8.3	6.6	9.8	

Manual Integrations
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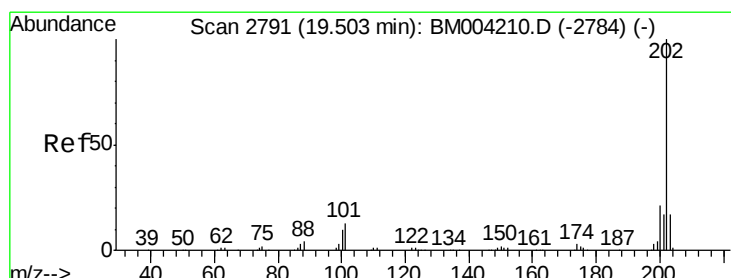
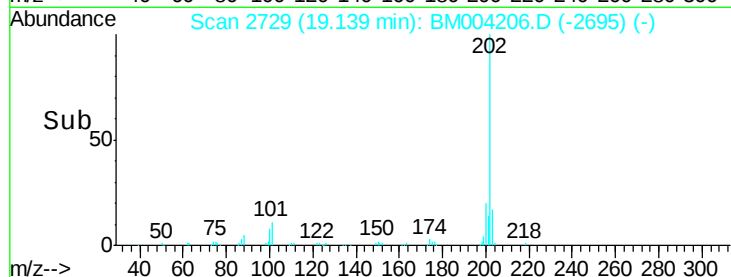
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

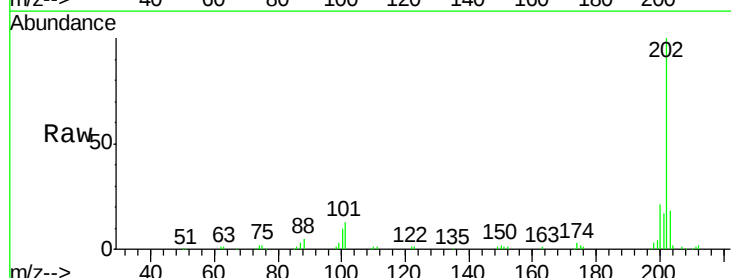


Time-->

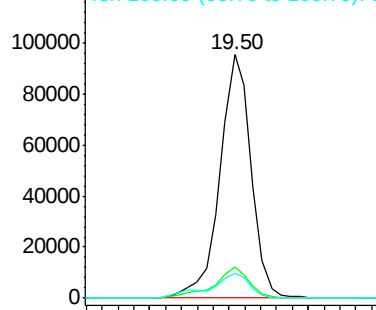


#80
Pyrene
 Concen: 9.22 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004206.D
 Acq: 08 Feb 2016 18:47

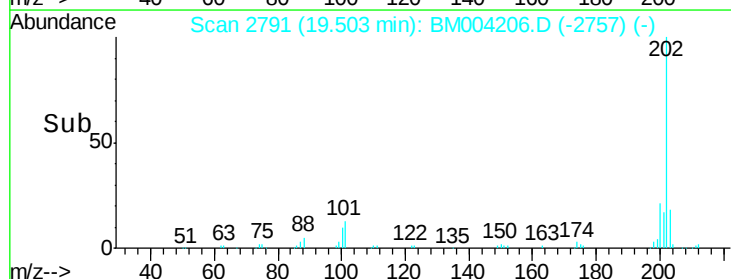
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130373		
101	12.9	10.2	15.2	
100	10.2	8.5	12.7	

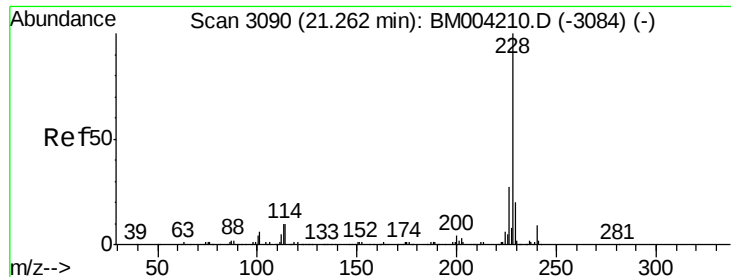


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->





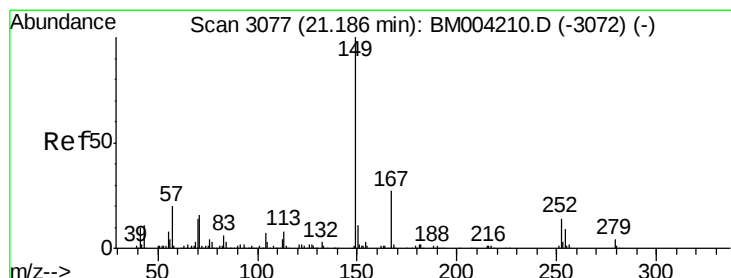
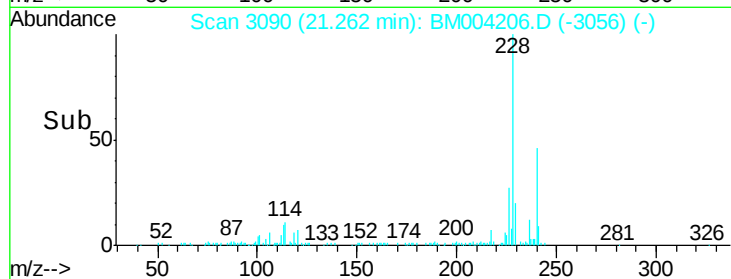
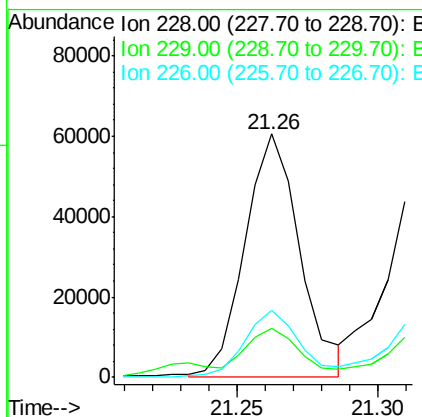
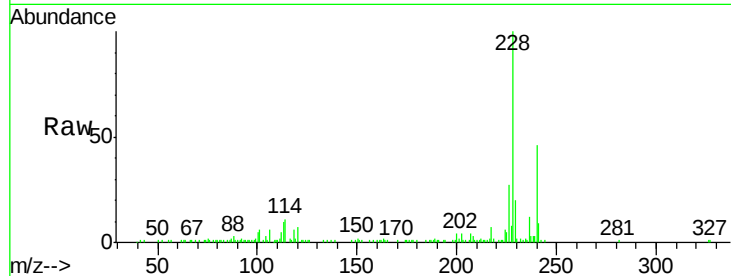
#83
Benzo(a)anthracene
Concen: 5.58 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Instrument :
BNA_M
ClientSampleId :
C04K4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.4	21.8	32.6

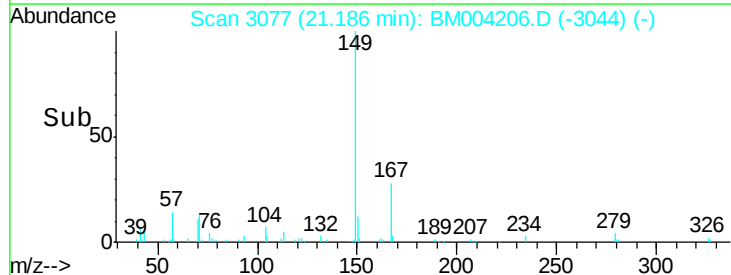
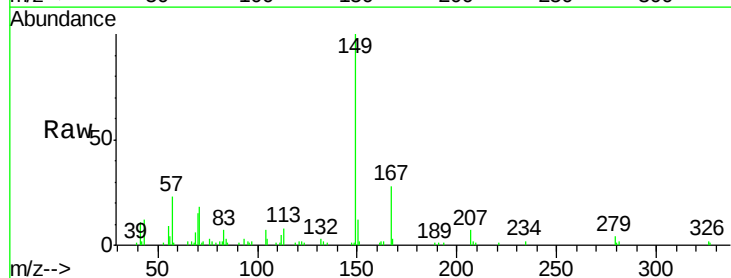
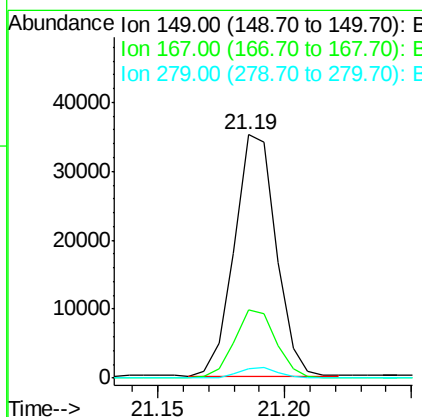
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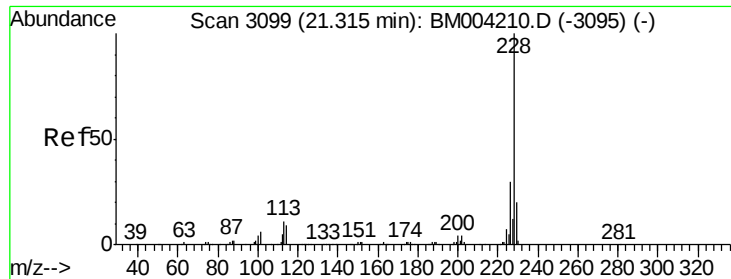
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.42 ng/ul
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	4.0	3.0	4.4





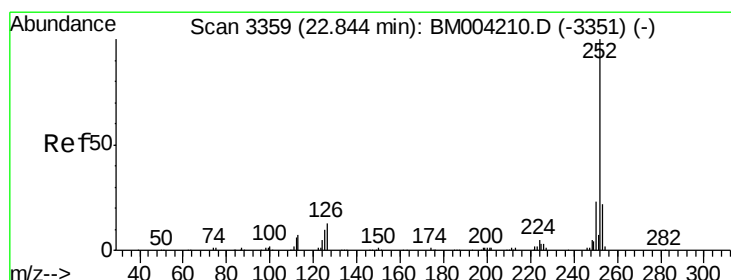
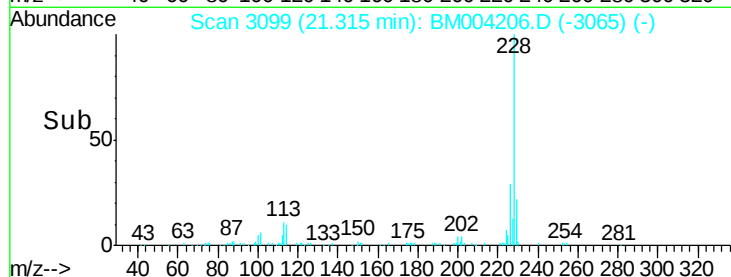
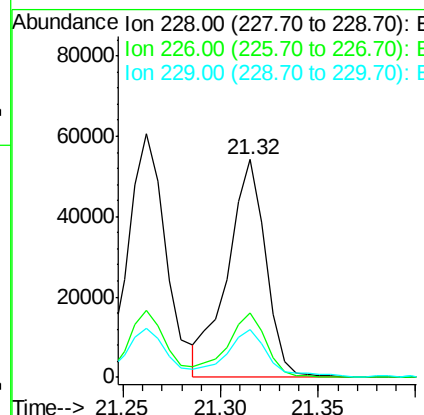
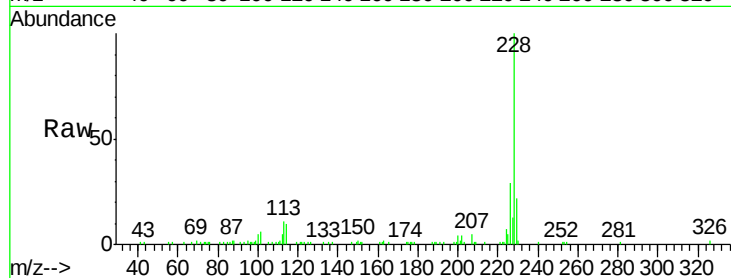
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Chrysene
Concen: 5.31 ng/u1
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Instrument :
BNA_M
ClientSampleId :
C04K4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	22.2	15.6	23.4

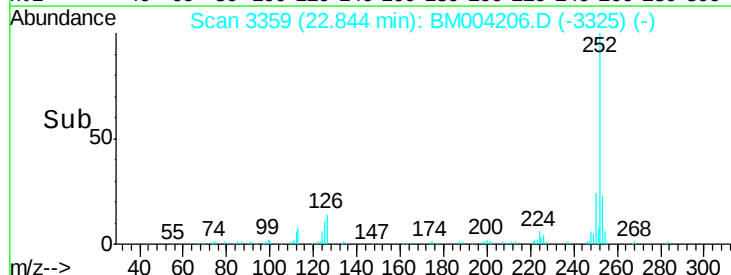
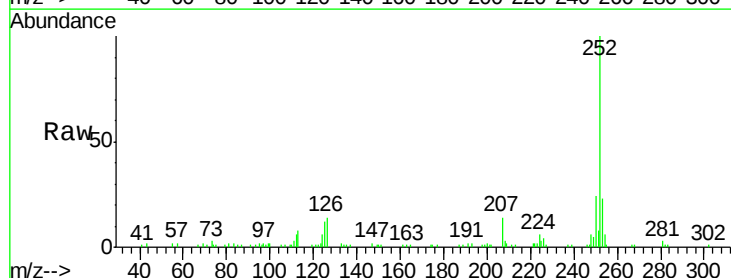
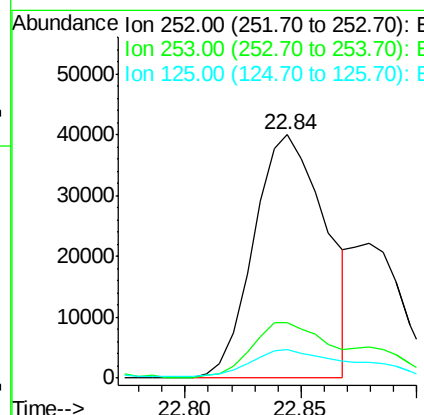
Manual Integrations
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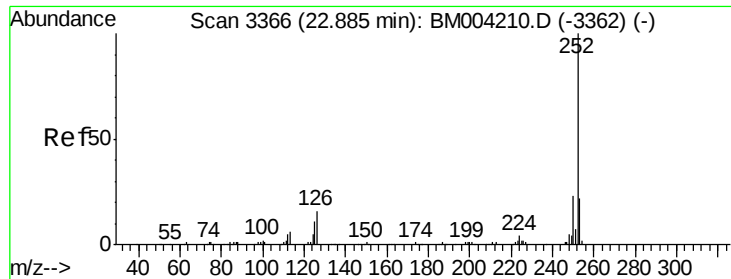
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#88
Benzo(b)fluoranthene
Concen: 6.70 ng/u1
RT: 22.84 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.8	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 2.78 ng/ul m

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

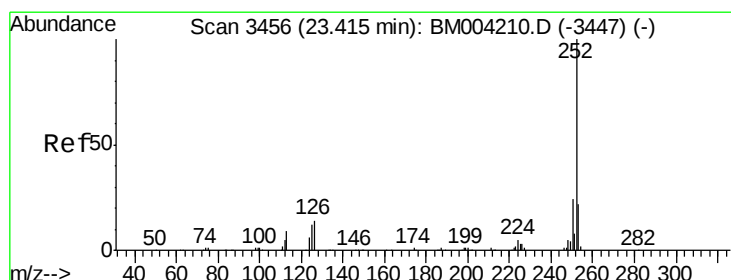
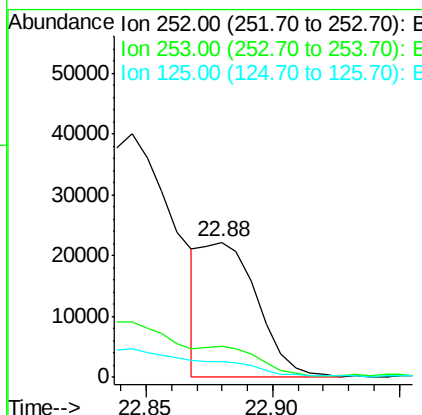
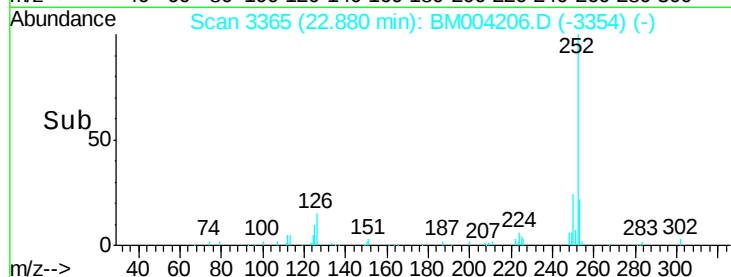
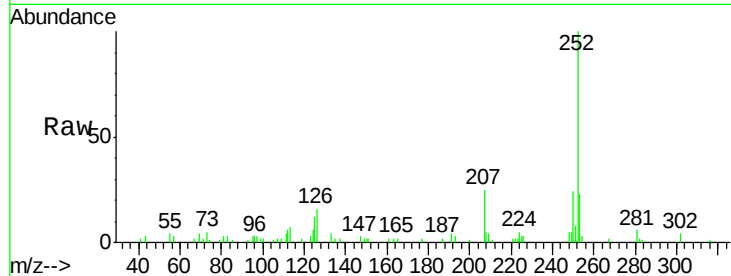
ClientSampleId :

C04K4

Tgt Ion:	252	Resp:	33617
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.3	25.9
125	11.7	8.2	12.2

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 4.74 ng/ul

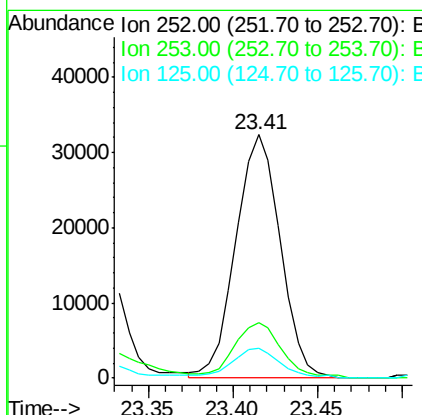
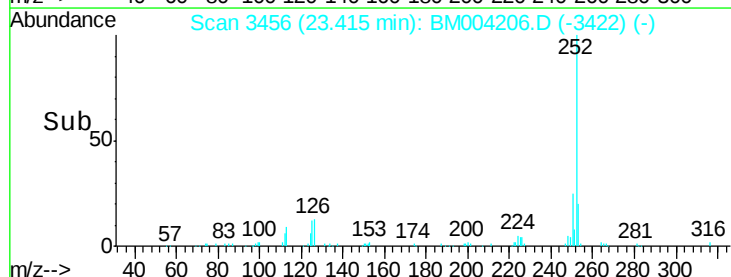
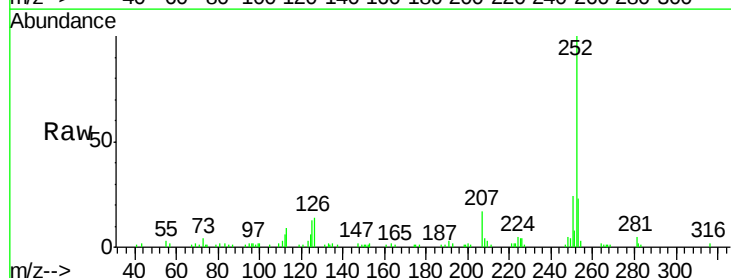
RT: 23.41 min Scan# 3456

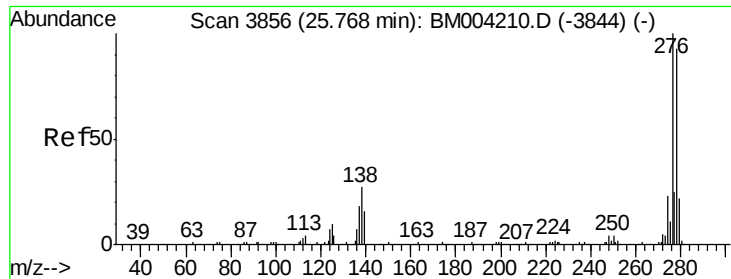
Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Tgt Ion:	252	Resp:	59370
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	12.5	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.18 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

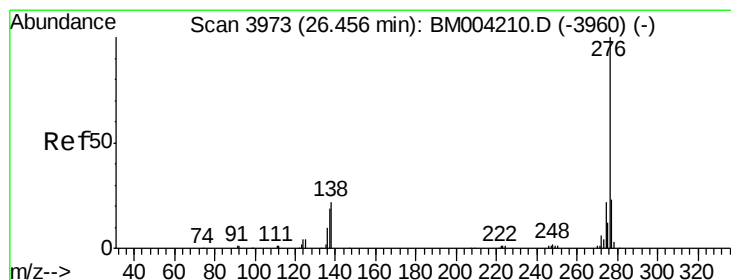
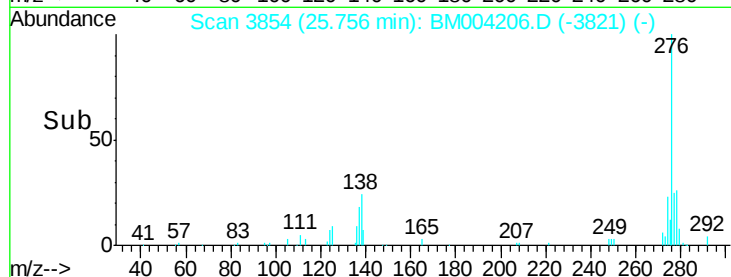
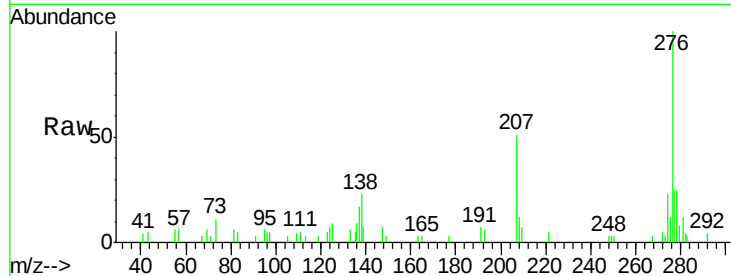
ClientSampleId :

C04K4

Tgt Ion:	276	Resp:	32613
Ion Ratio	Lower	Upper	
276	100		
138	23.3	22.3	33.5
277	24.8	20.2	30.2

Manual Integrations
APPROVED

Sohil
2/9/2016 3:30:54 PM



#94

Benzo(g,h,i)perylene

Concen: 1.82 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Tgt Ion:	276	Resp:	23275
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.9	28.3
277	25.8	19.2	28.8

