

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004205.D
 Acq On : 08 Feb 2016 18:11
 Operator : SJ/IZ
 Sample : H1340-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04K6

Manual Integrations
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Sohil
 2/9/2016 3:30:51 PM

Quant Time: Feb 09 01:12:45 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	23940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	116232	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	70049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	162472	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	204072	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	205417	20.00	ng/ul	0.00

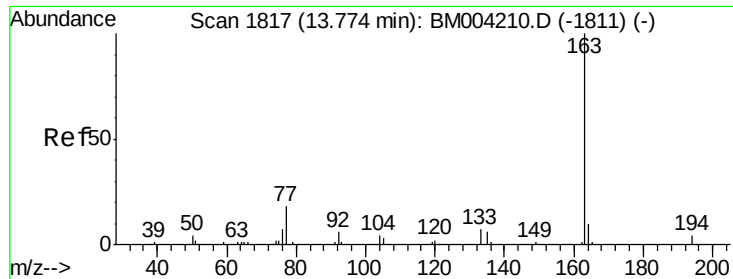
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1270	2.80	ng/uL	0.00
5) Phenol-d5	6.84	99	36025	15.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	19420	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	31455	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	17294	8.63	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	15936	18.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	17341	18.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	31397	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	36531	16.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	111068	18.43	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	134784	19.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	14097	11.69	ng/ul	0.01
58) Fluorene-d10	15.32	176	100561	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	9055	9.04	ng/ul	0.00
71) Anthracene-d10	17.17	188	159070	20.13	ng/ul	0.00
79) Pyrene-d10	19.47	212	190235	20.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	220961	20.62	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	41855	6.59	ng/ul	100
50) Acenaphthene	14.38	153	24506	4.67	ng/ul	99
54) Dibenzofuran	14.72	168	10890	1.46	ng/ul	100
59) Fluorene	15.37	166	19077	3.07	ng/ul	100
70) Phenanthrene	17.11	178	277131	27.95	ng/ul	99
72) Anthracene	17.20	178	75036	7.46	ng/ul	99
75) Carbazole	17.47	167	34459	3.77	ng/ul	99
77) Fluoranthene	19.14	202	606149	52.52	ng/ul	98
80) Pyrene	19.51	202	540480	43.08	ng/ul	99
83) Benzo(a)anthracene	21.26	228	346532	26.67	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	100397	12.49	ng/ul	99
85) Chrysene	21.32	228	342047	27.69	ng/ul	97
88) Benzo(b)fluoranthene	22.85	252	430710	32.85	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	162271m	13.28	ng/ul	
91) Benzo(a)pyrene	23.42	252	295557	23.33	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	171570	11.35	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.77	278	48848	3.87	ng/ul#	81
94) Benzo(g,h,i)perylene	26.46	276	124307	9.64	ng/ul	99

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



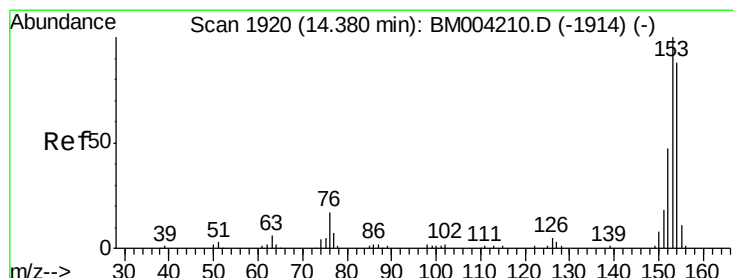
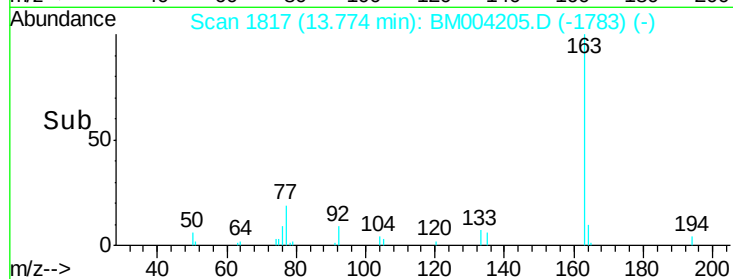
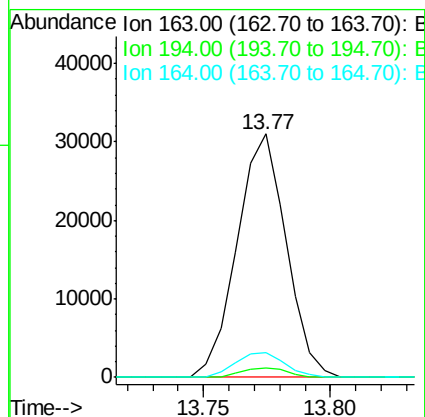
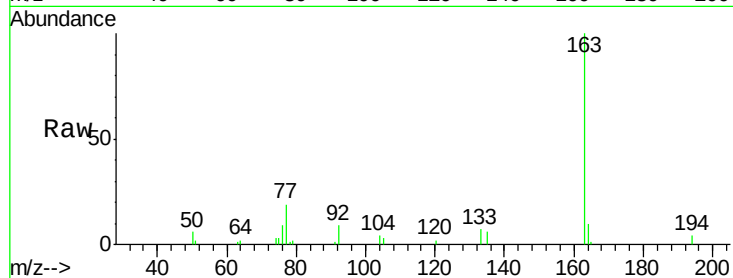
#45
Dimethylphthalate
Concen: 6.59 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Instrument :
BNA_M
ClientSampleId :
C04K6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41855		
194	4.0		3.2	4.8
164	10.1		7.8	11.8

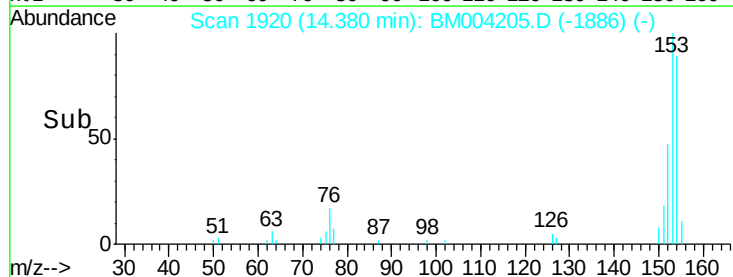
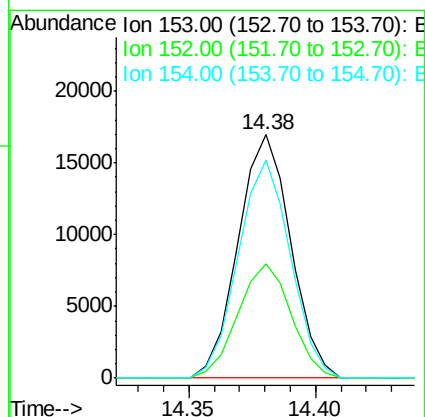
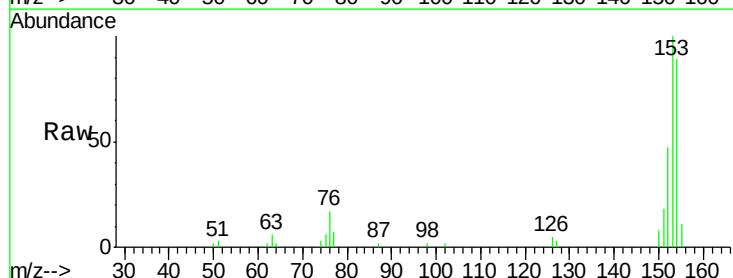
Manual Integrations
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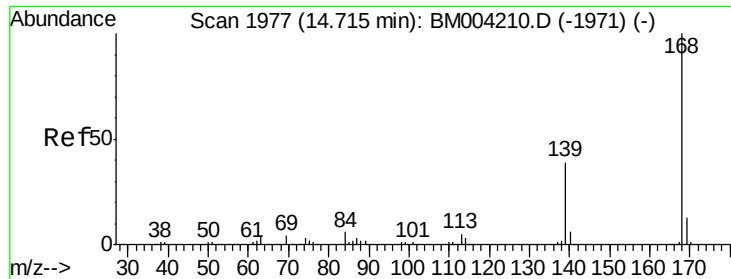
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#50
Acenaphthene
Concen: 4.67 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	24506		
152	46.9		38.3	57.5
154	89.3		71.8	107.8





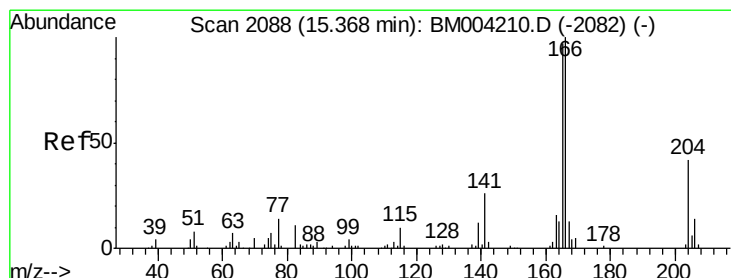
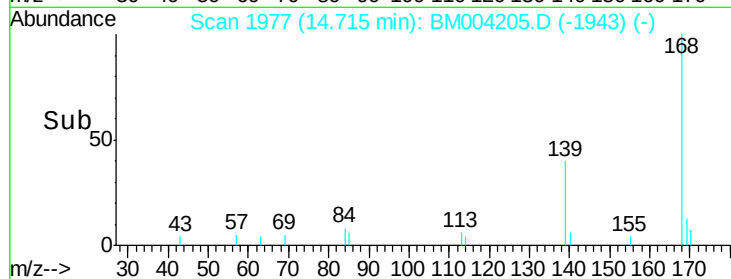
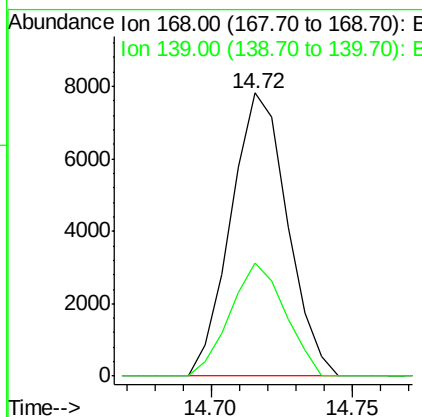
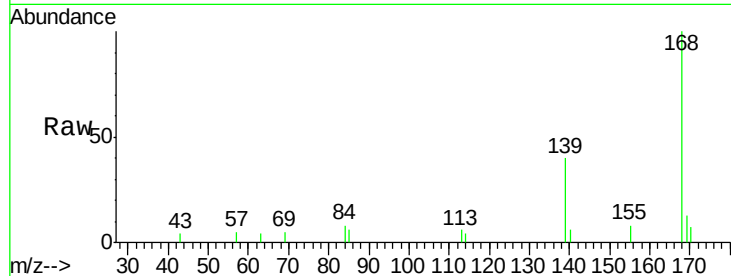
#54
Dibenzenofuran
Concen: 1.46 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Instrument :
BNA_M
ClientSampleId :
C04K6

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.2	48.2

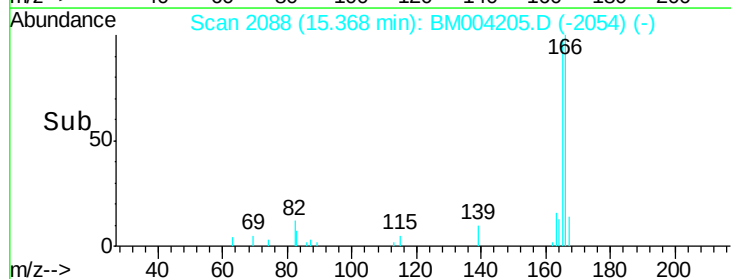
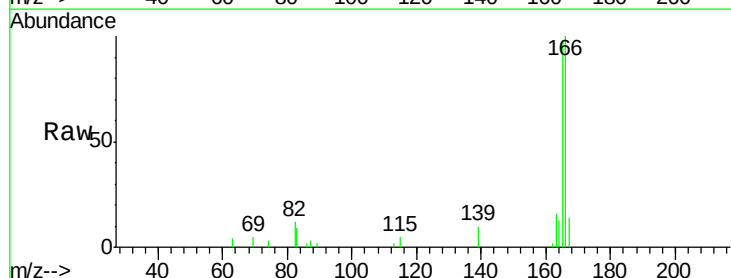
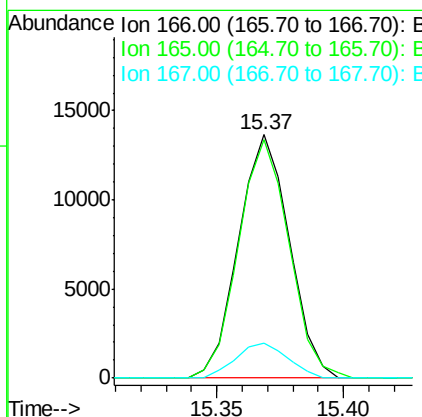
Manual Integrations
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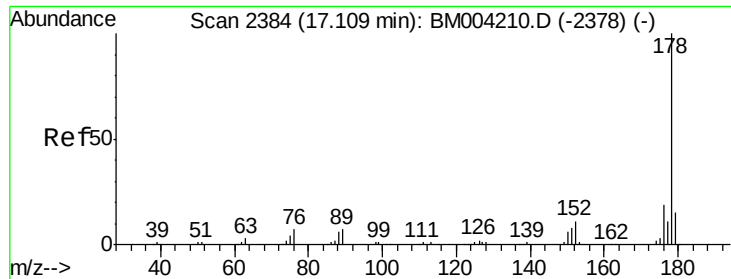
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#59
Fluorene
Concen: 3.07 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	14.2	10.7	16.1





#70

Phenanthrene

Concen: 27.95 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM004205.D

Acq: 08 Feb 2016 18:11

Instrument :

BNA_M

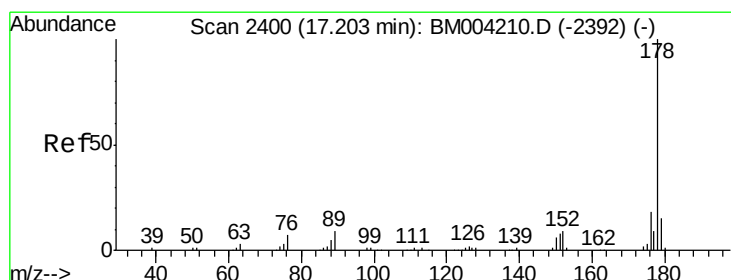
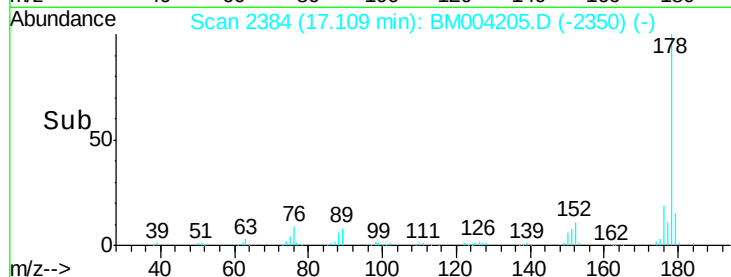
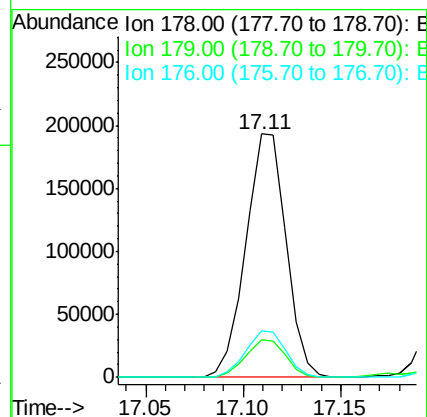
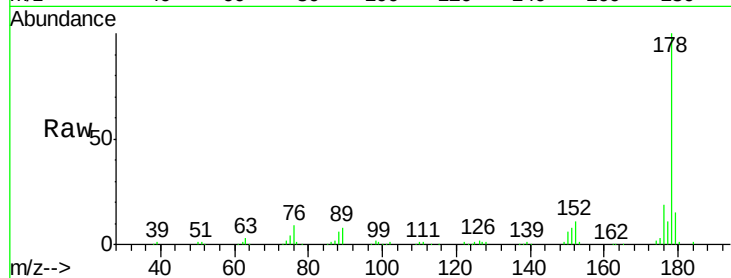
ClientSampleId :

C04K6

Tgt Ion:	178	Resp:	277131
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	18.9	15.6	23.4

Manual Integrations
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#72

Anthracene

Concen: 7.46 ng/ul

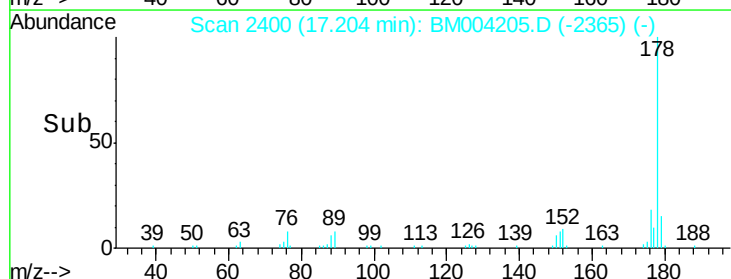
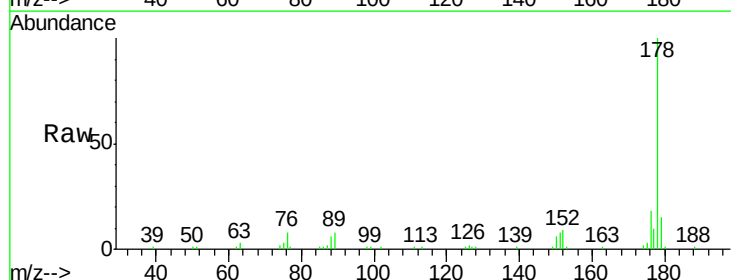
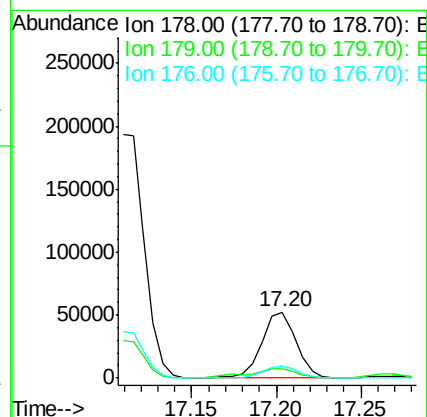
RT: 17.20 min Scan# 2400

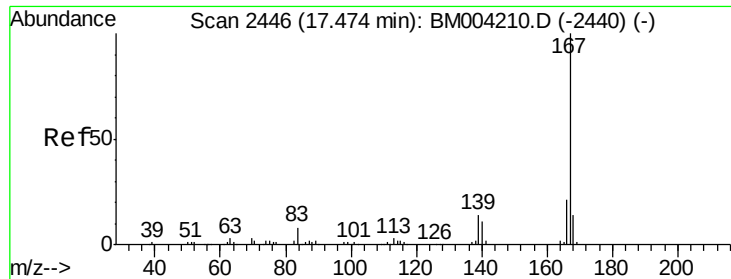
Delta R.T. 0.01 min

Lab File: BM004205.D

Acq: 08 Feb 2016 18:11

Tgt Ion:	178	Resp:	75036
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.1	18.1
176	18.1	14.8	22.2





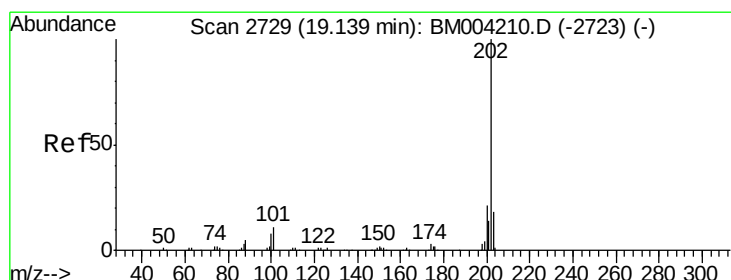
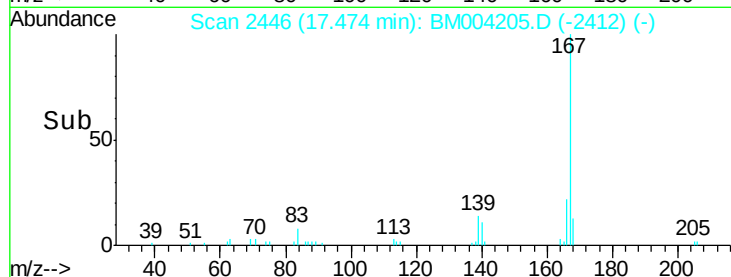
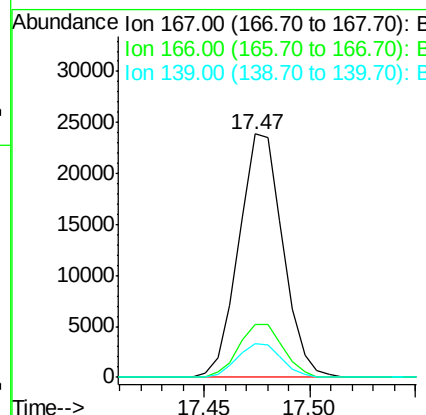
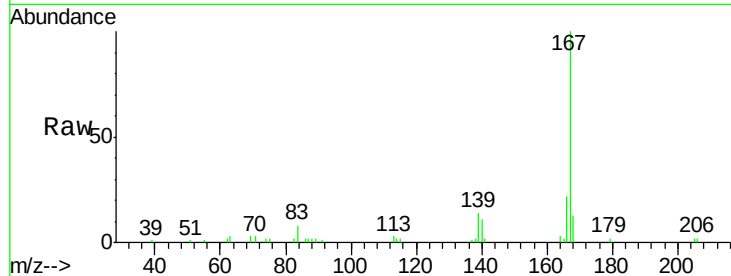
#75
 Carbazole
 Concen: 3.77 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM004205.D
 Acq: 08 Feb 2016 18:11

Instrument :
 BNA_M
 ClientSampleId :
 C04K6

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.8	11.0	16.4

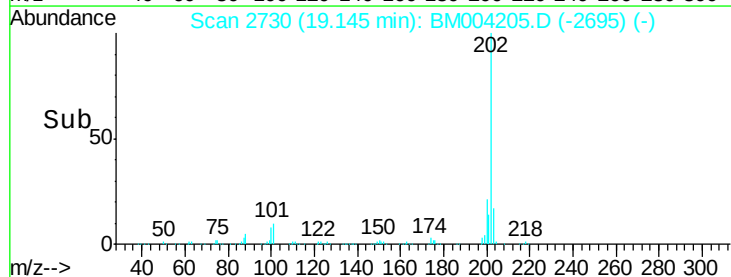
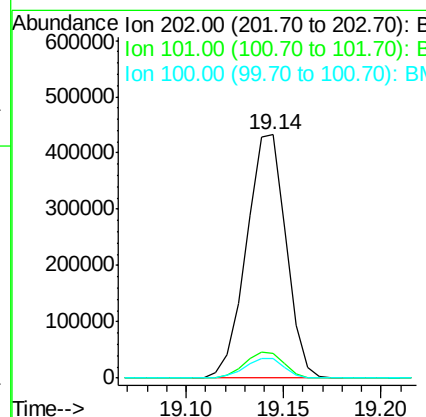
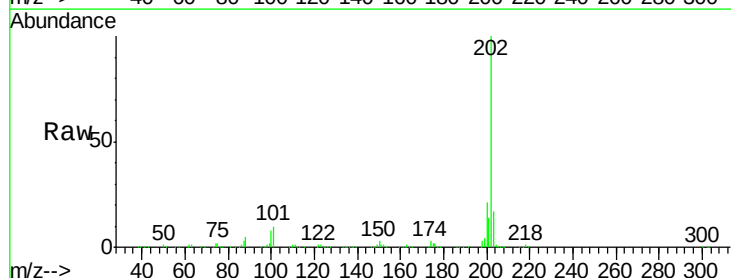
Manual Integrations
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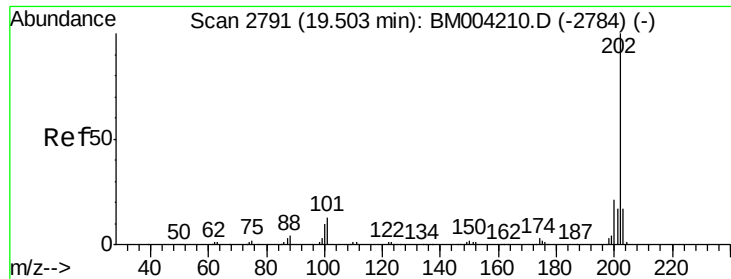
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#77
 Fluoranthene
 Concen: 52.52 ng/ul
 RT: 19.14 min Scan# 2730
 Delta R.T. 0.01 min
 Lab File: BM004205.D
 Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.9	6.6	9.8





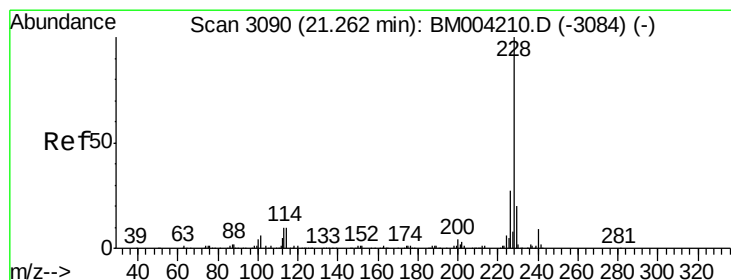
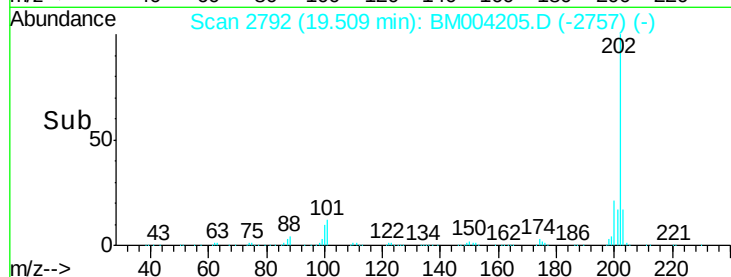
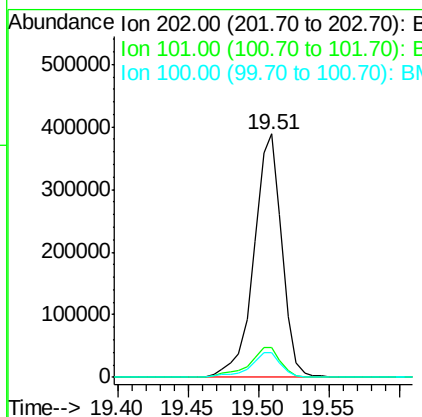
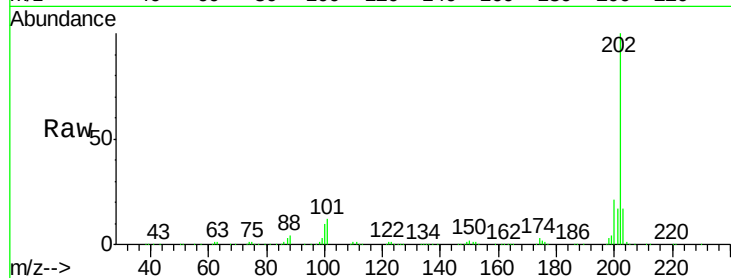
#80
 Pyrene
 Concen: 43.08 ng/ul
 RT: 19.51 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BM004205.D
 Acq: 08 Feb 2016 18:11

Instrument :
 BNA_M
 ClientSampled :
 C04K6

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	10.2	15.2
100	10.0	8.5	12.7

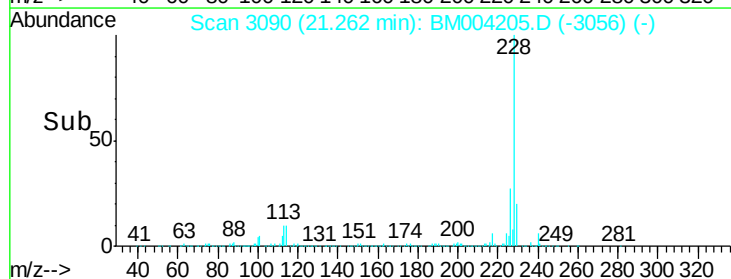
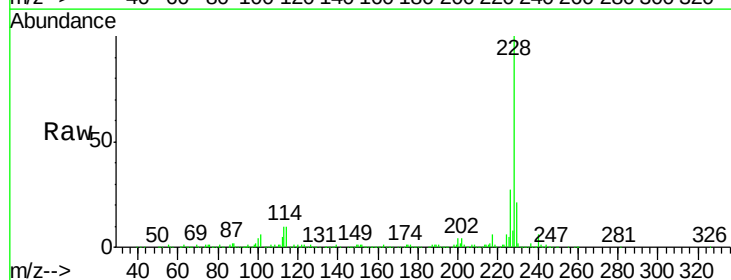
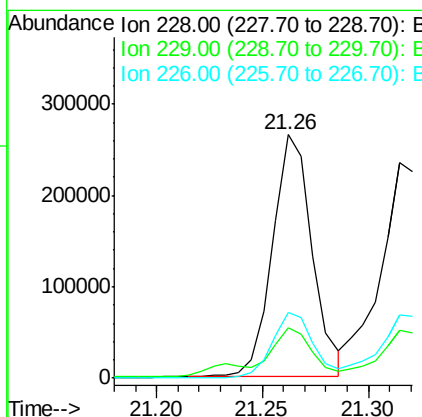
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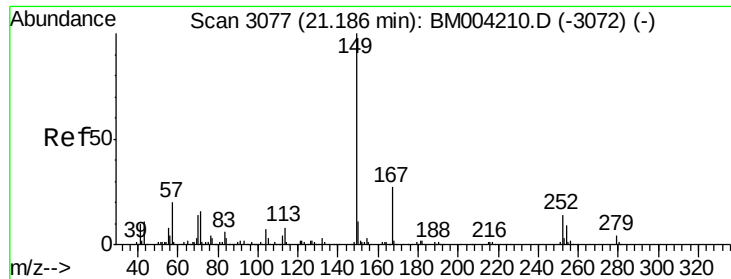
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#83
 Benzo(a)anthracene
 Concen: 26.67 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM004205.D
 Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.2	21.8	32.6





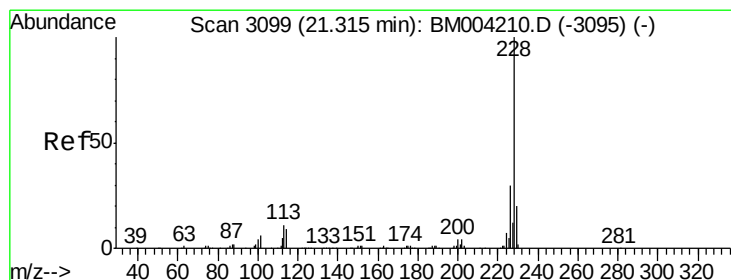
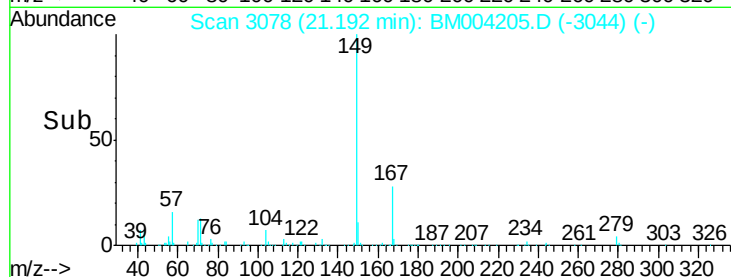
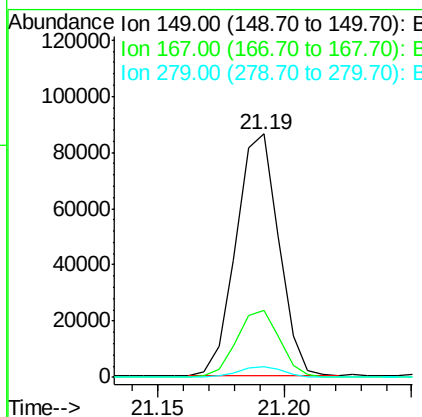
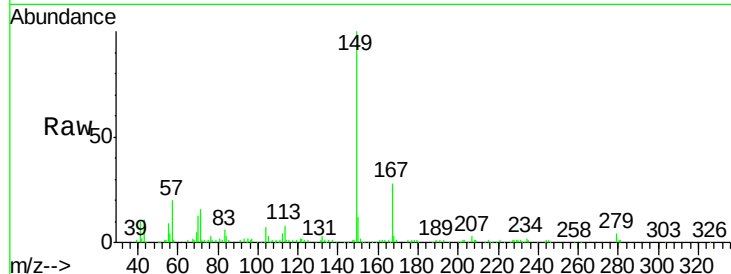
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.49 ng/ul
 RT: 21.19 min Scan# 3078
 Delta R.T. -0.00 min
 Lab File: BM004205.D
 Acq: 08 Feb 2016 18:11

Instrument :
 BNA_M
 ClientSampled :
 C04K6

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	100397		
167	27.7	21.6	32.4	
279	4.2	3.0	4.4	

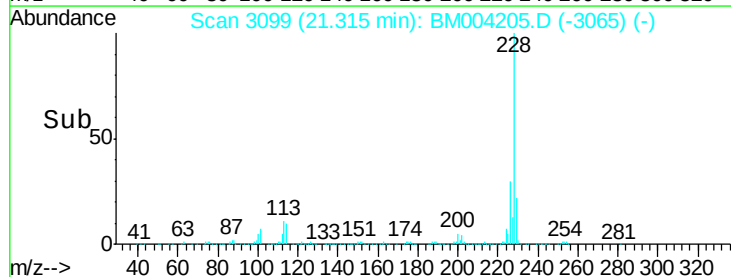
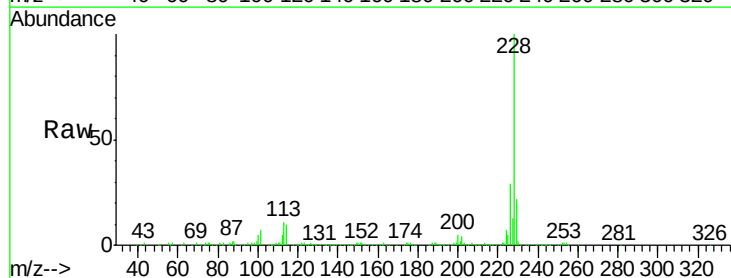
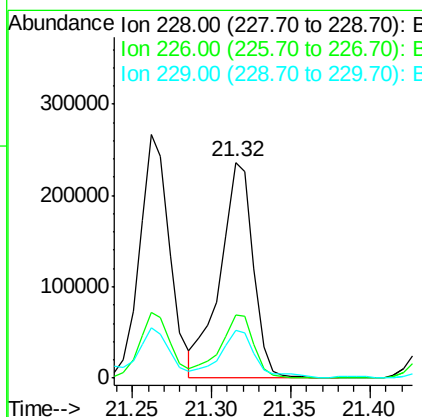
Manual Integrations
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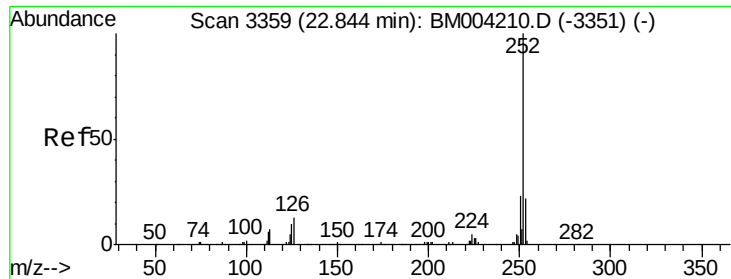
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 2/9/2016 3:30:51 PM



#85
 Chrysene
 Concen: 27.69 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM004205.D
 Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	342047		
226	29.5	24.0	36.0	
229	22.1	15.6	23.4	





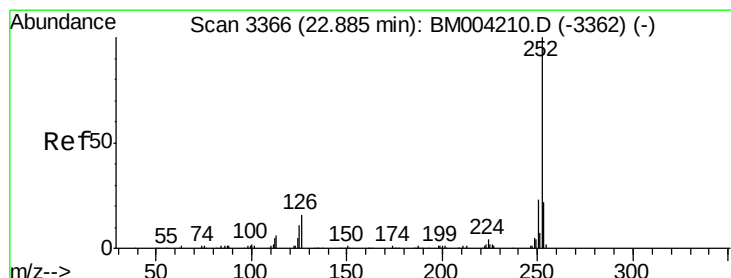
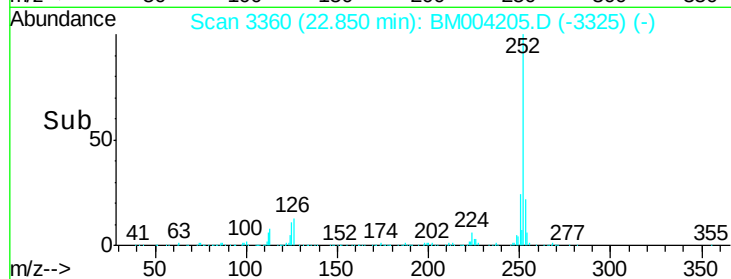
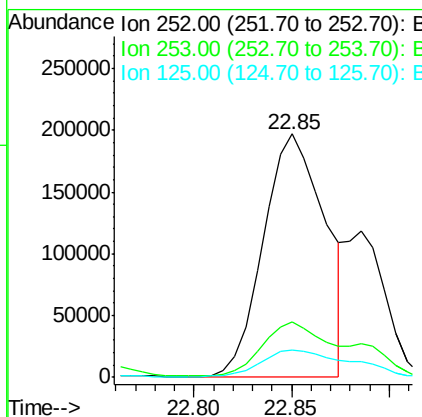
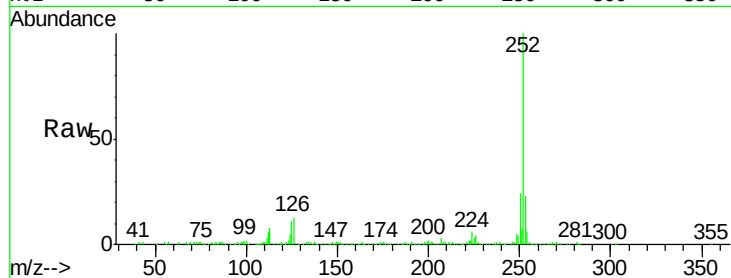
#88
Benzo(b)fluoranthene
Concen: 32.85 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Instrument :
BNA_M
ClientSampleId :
C04K6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.1	8.5	12.7

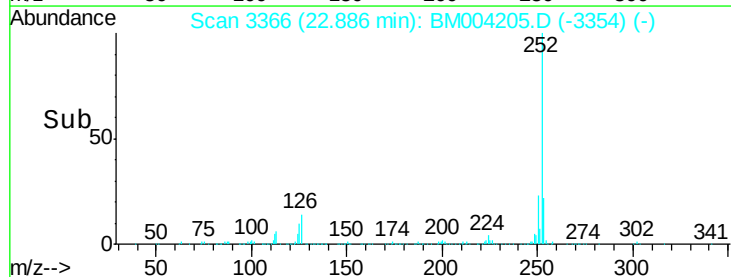
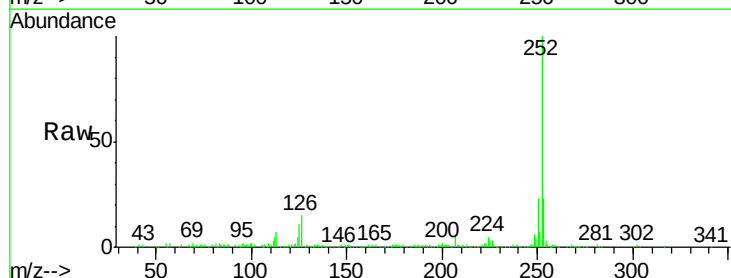
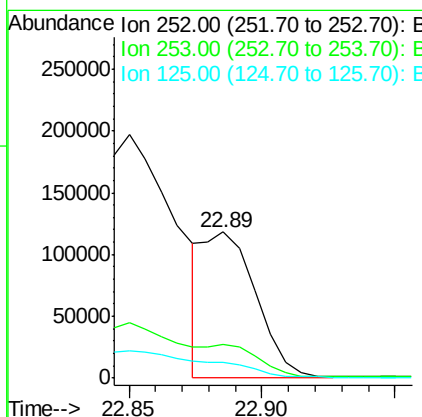
Manual Integrations
APPROVED

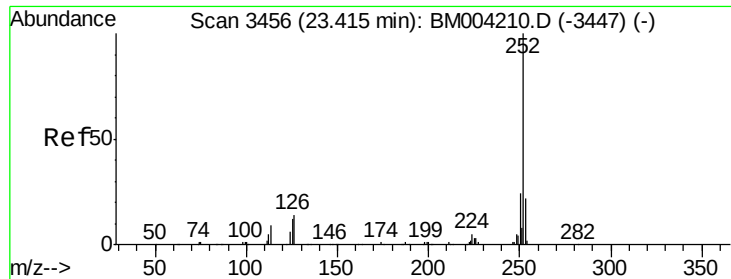
Sohil
2/9/2016 3:30:51 PM



#89
Benzo(k)fluoranthene
Concen: 13.28 ng/ul m
RT: 22.89 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	10.9	8.2	12.2





#91

Benzo(a)pyrene

Concen: 23.33 ng/ul

RT: 23.42 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM004205.D

Acq: 08 Feb 2016 18:11

Instrument :

BNA_M

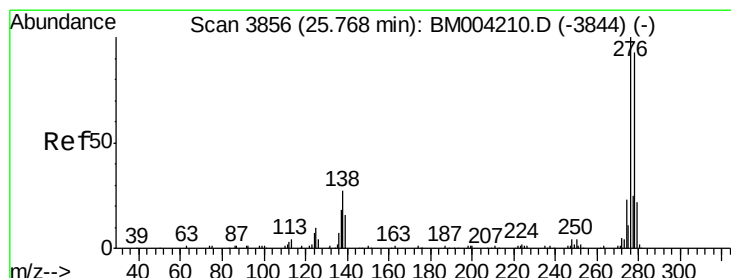
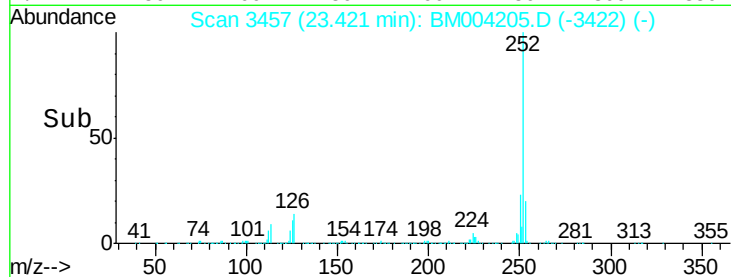
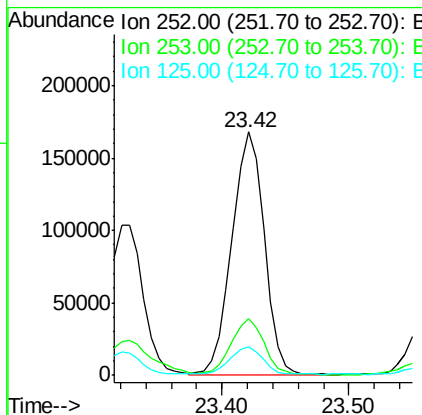
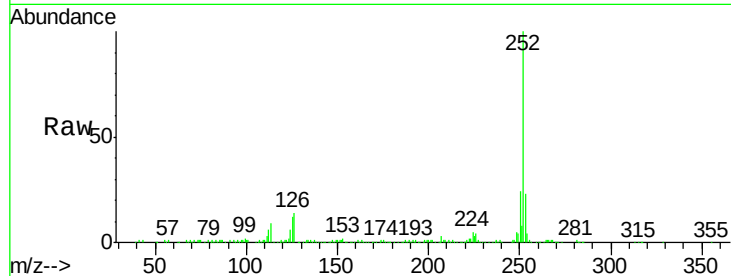
ClientSampleId :

C04K6

Tgt Ion:	252	Resp:	295557
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	11.9	9.0	13.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 11.35 ng/ul

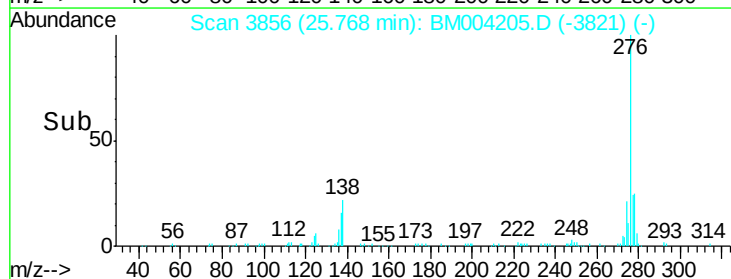
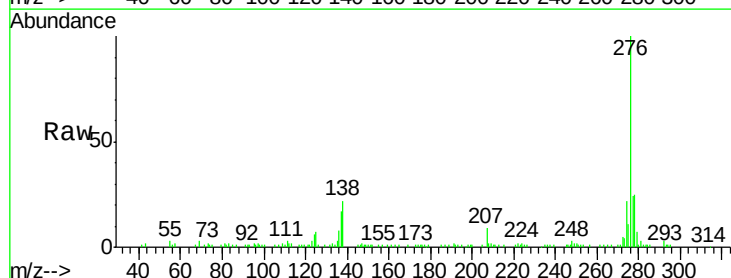
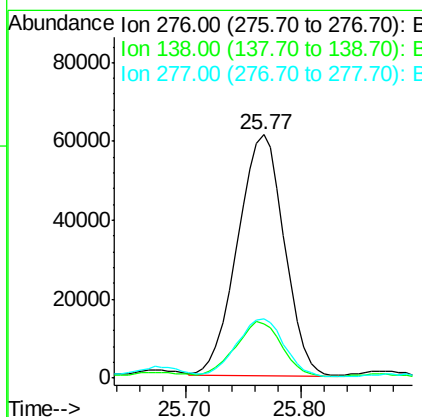
RT: 25.77 min Scan# 3856

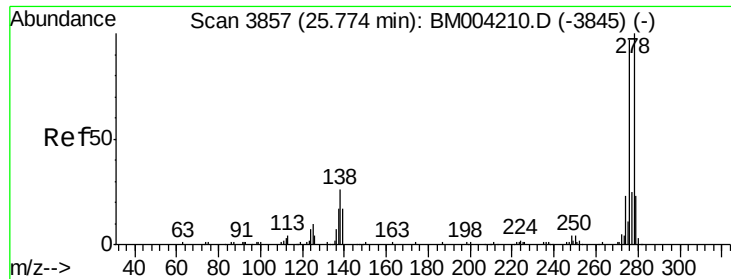
Delta R.T. 0.01 min

Lab File: BM004205.D

Acq: 08 Feb 2016 18:11

Tgt Ion:	276	Resp:	171570
Ion Ratio	Lower	Upper	
276	100		
138	22.2	22.3	33.5#
277	24.4	20.2	30.2





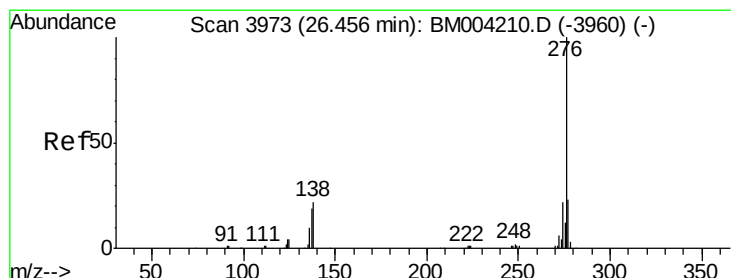
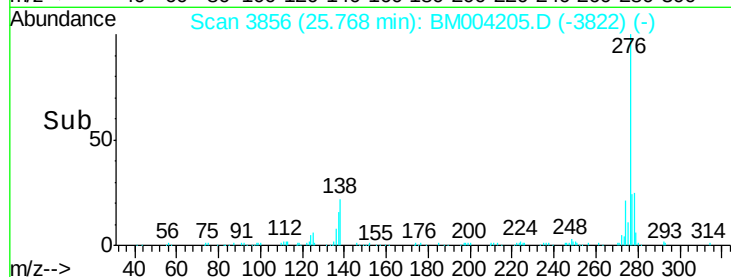
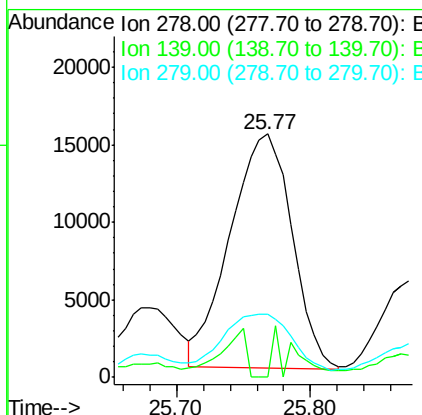
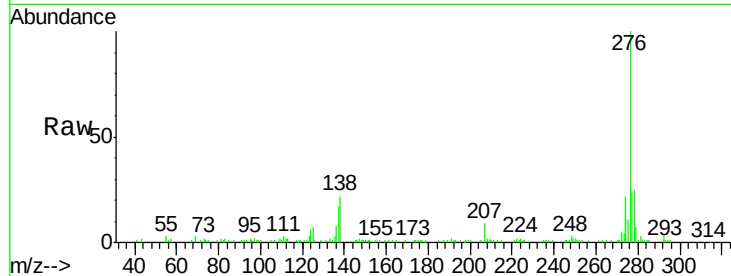
#93
Dibenzo(a,h)anthracene
Concen: 3.87 ng/ul
RT: 25.77 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Instrument :
BNA_M
ClientSampleId :
C04K6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.7	19.0	28.4

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 9.64 ng/ul
RT: 26.46 min Scan# 3973
Delta R.T. 0.01 min
Lab File: BM004205.D
Acq: 08 Feb 2016 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.9	28.3
277	24.6	19.2	28.8

