

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001873.D
 Acq On : 07 Jul 2015 20:58
 Operator : TP/UM
 Sample : G2861-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K9

Manual Integrations
 APPROVED

apatel
 7/8/2015 4:25:46 PM

Quant Time: Jul 08 06:20:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 05:33:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	66276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	248087	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	138631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	301374	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	356609	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	373870	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1888	1.36	ng/uL	0.00
5) Phenol-d5	6.83	99	42571	8.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	25260	8.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	36436	9.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	31221	7.64	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	16200	9.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	18306	9.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	35367	8.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	25193	6.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	94081	9.15	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	126475	9.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	10622	5.60	ng/ul	0.00
57) Fluorene-d10	15.32	176	89369	9.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	8993	4.88	ng/ul	0.00
70) Anthracene-d10	17.17	188	129255	9.21	ng/ul	0.00
78) Pyrene-d10	19.47	212	145738	9.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	142077	8.62	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.49	105	7871	1.21	ng/ul	90
28) Naphthalene	10.50	128	29423	2.35	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	24037	2.65	ng/ul	94
44) Dimethylphthalate	13.78	163	32094	2.86	ng/ul	99
47) Acenaphthylene	14.04	152	19389	1.41	ng/ul#	94
69) Phenanthrene	17.11	178	136940	8.38	ng/ul	99
71) Anthracene	17.20	178	34478	2.05	ng/ul	97
76) Fluoranthene	19.13	202	249082	12.74	ng/ul	98
79) Pyrene	19.50	202	260867	13.19	ng/ul	98
82) Benzo(a)anthracene	21.24	228	161065	7.73	ng/ul	94
84) Chrysene	21.30	228	160316m	8.12	ng/ul	
87) Benzo(b)fluoranthene	22.82	252	241542	11.10	ng/ul	98
88) Benzo(k)fluoranthene	22.86	252	80074m	3.81	ng/ul	
90) Benzo(a)pyrene	23.40	252	177191	8.37	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.74	276	135177	5.38	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.74	278	36629	1.73	ng/ul#	80
93) Benzo(g,h,i)perylene	26.43	276	132862	6.29	ng/ul	97

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

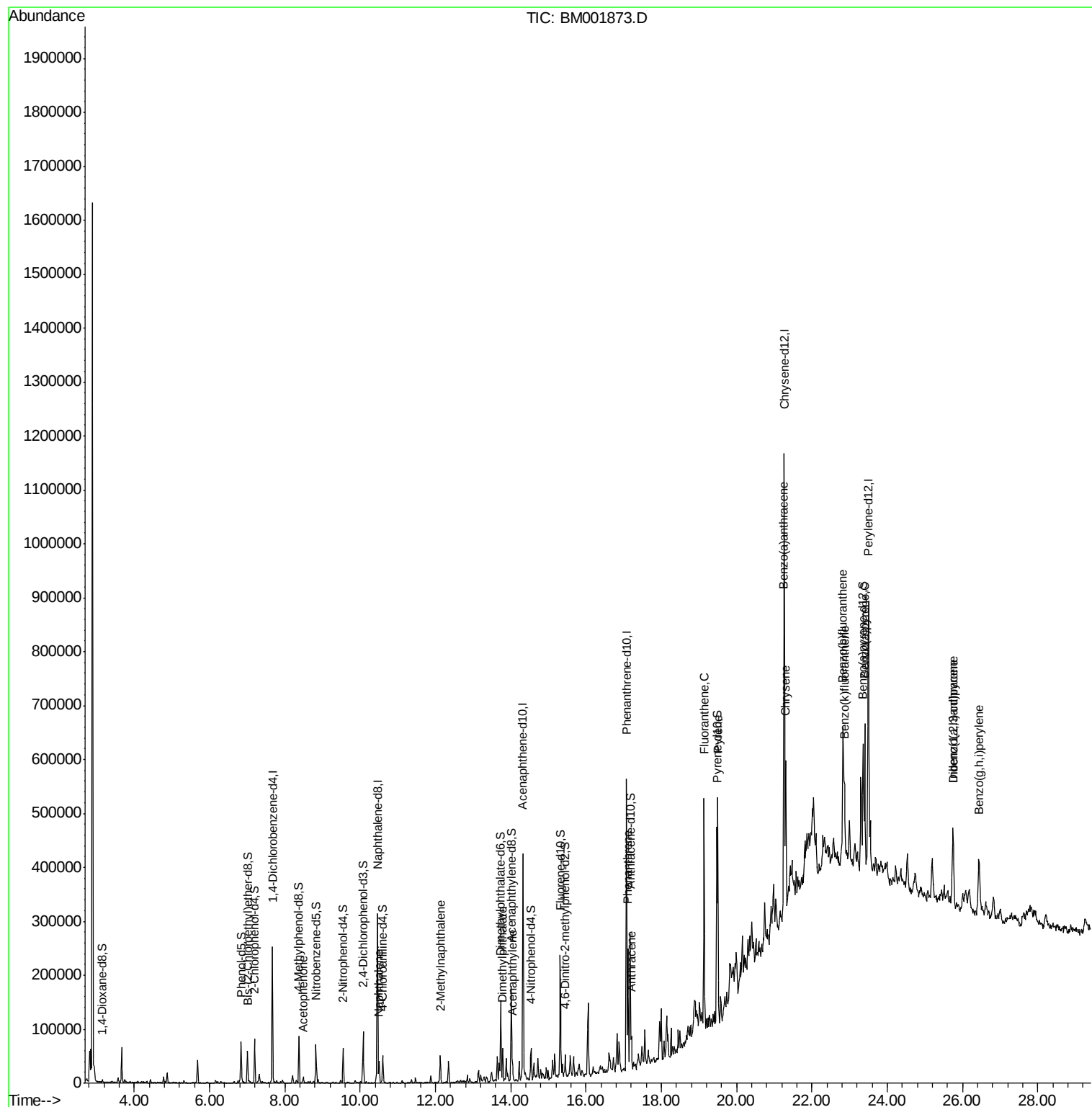
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

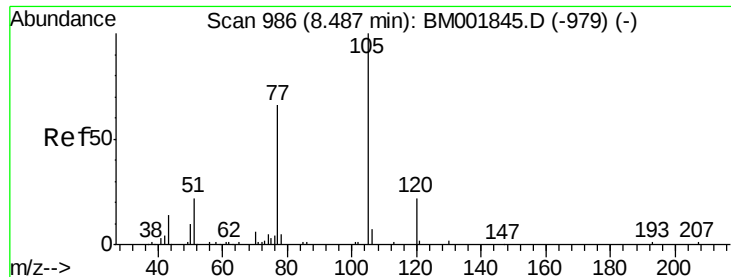
Instrument :
BNA_M
ClientSampleId :
G93K9

Manual Integrations
APPROVED

apatel
7/8/2015 4:25:46 PM

Quant Time: Jul 08 06:20:18 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.21 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001873.D

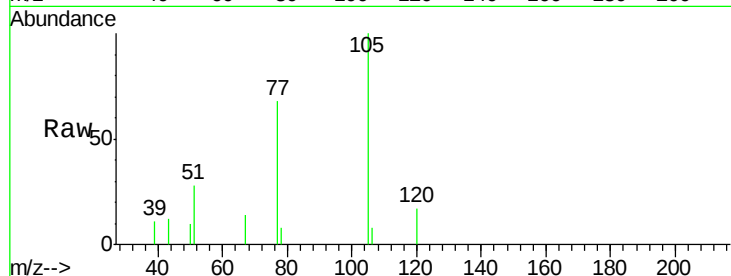
Acq: 07 Jul 2015 20:58

Instrument :

BNA_M

ClientSampleId :

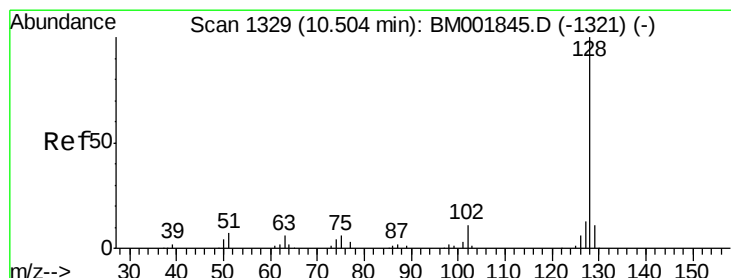
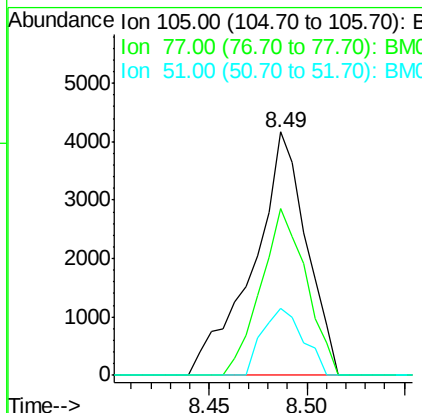
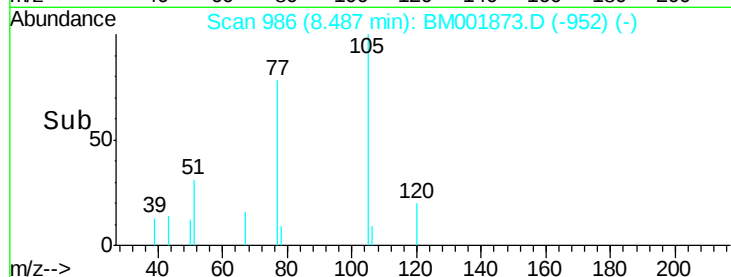
G93K9



Tgt Ion:	105	Resp:	7871
Ion Ratio	Lower	Upper	
105	100		
77	68.4	64.2	96.4
51	27.8	22.0	33.0

Manual Integrations
APPROVED

apatel
7/8/2015 4:25:46 PM



#28

Naphthalene

Concen: 2.35 ng/ul

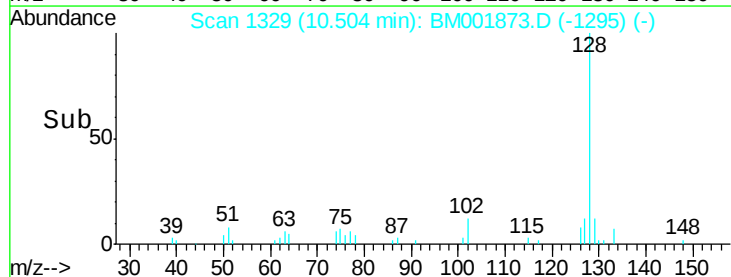
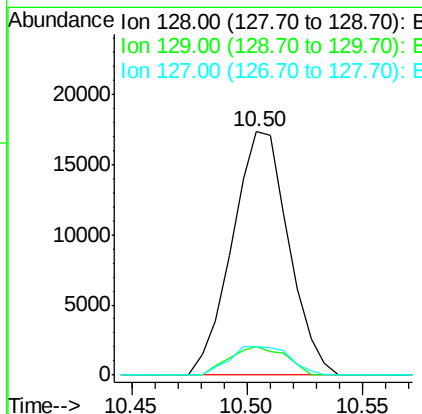
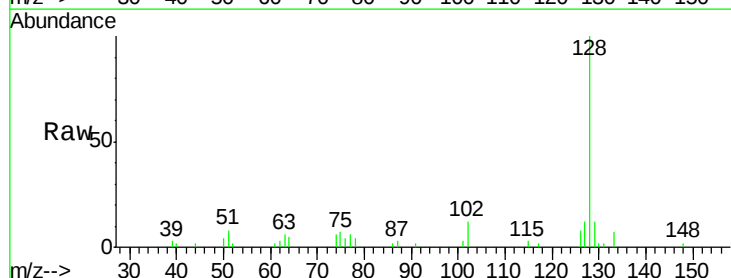
RT: 10.50 min Scan# 1329

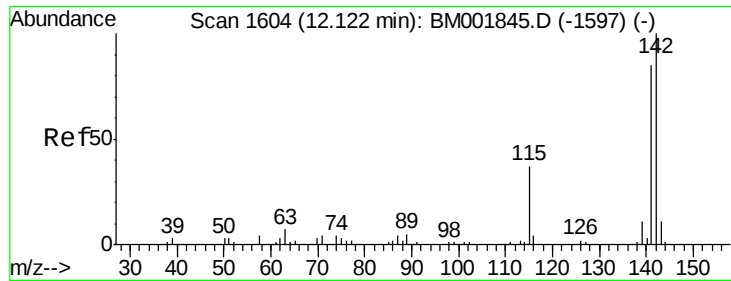
Delta R.T. -0.00 min

Lab File: BM001873.D

Acq: 07 Jul 2015 20:58

Tgt Ion:	128	Resp:	29423
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.7	13.1
127	12.0	10.0	15.0





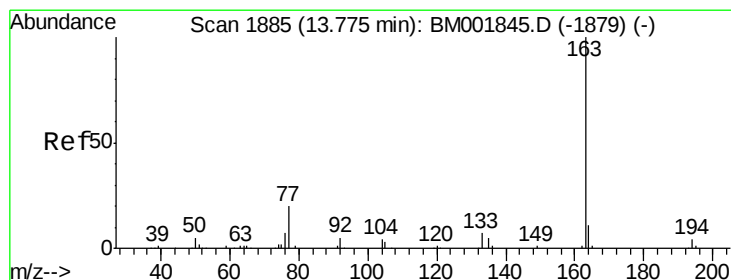
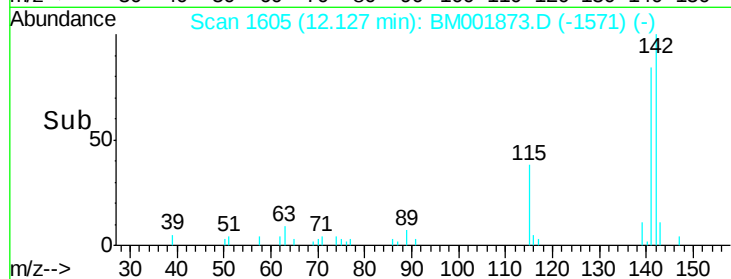
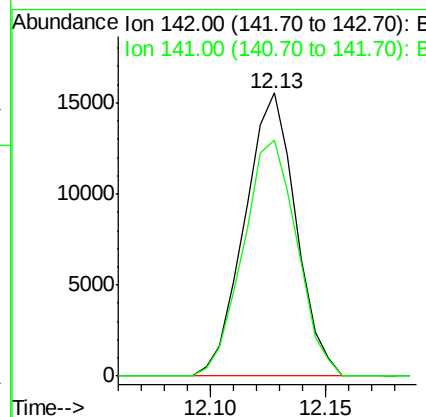
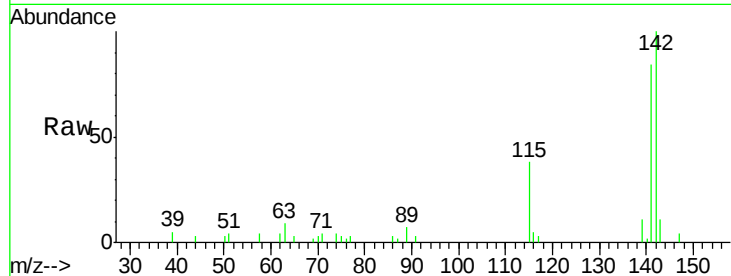
#34
 2-Methylnaphthalene
 Concen: 2.65 ng/ul
 RT: 12.13 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BM001873.D
 Acq: 07 Jul 2015 20:58

Instrument :
 BNA_M
 ClientSampleId :
 G93K9

Tgt Ion:142 Resp: 24037
 Ion Ratio Lower Upper
 142 100
 141 83.5 71.6 107.4

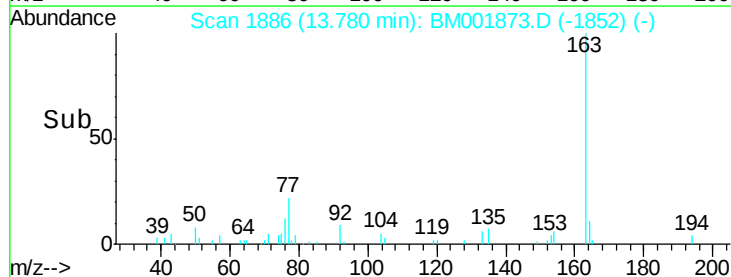
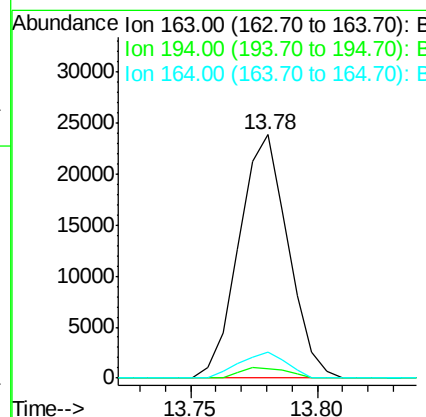
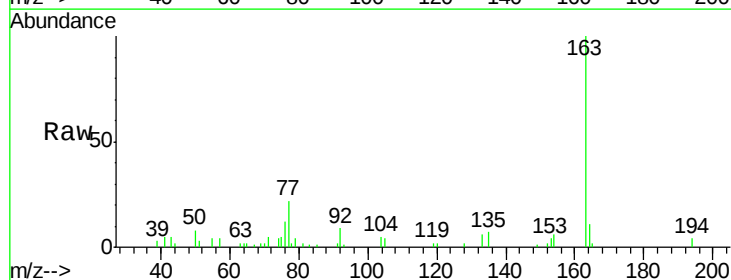
Manual Integrations
 APPROVED

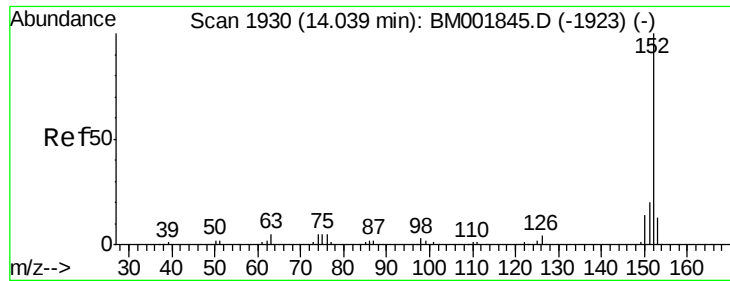
apatel
 7/8/2015 4:25:46 PM



#44
 Dimethylphthalate
 Concen: 2.86 ng/ul
 RT: 13.78 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BM001873.D
 Acq: 07 Jul 2015 20:58

Tgt Ion:163 Resp: 32094
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.6 5.4
 164 10.6 8.0 12.0





#47

Acenaphthylene

Concen: 1.41 ng/ul

RT: 14.04 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM001873.D

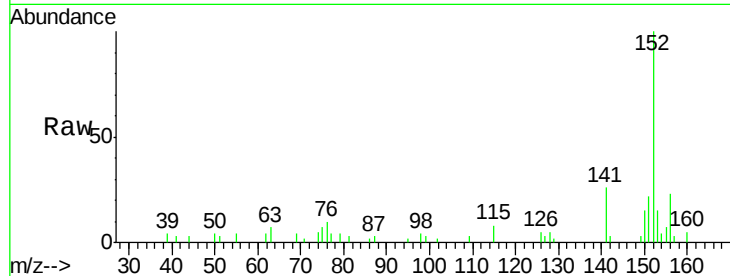
Acq: 07 Jul 2015 20:58

Instrument :

BNA_M

ClientSampleId :

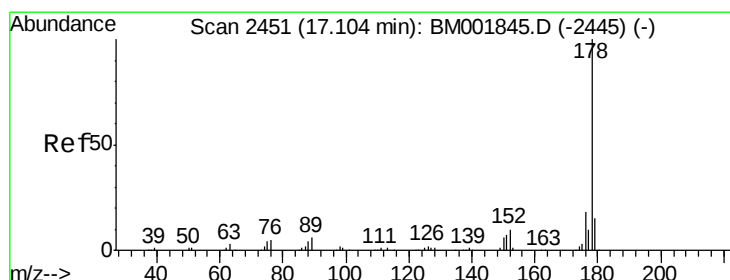
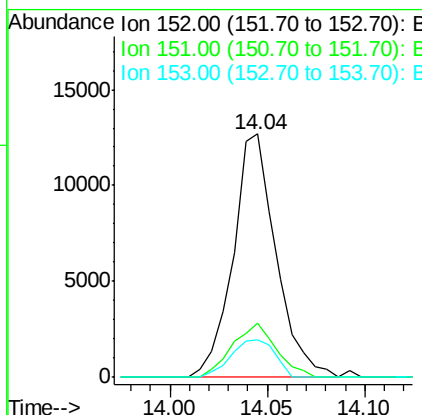
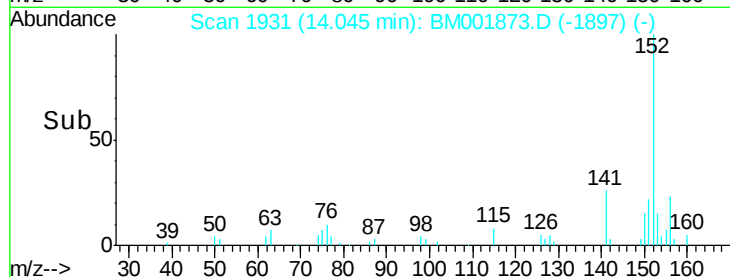
G93K9



Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.9	23.9
153	15.5	10.0	15.0#

Manual Integrations
APPROVED

apatel
7/8/2015 4:25:46 PM



#69

Phenanthrene

Concen: 8.38 ng/ul

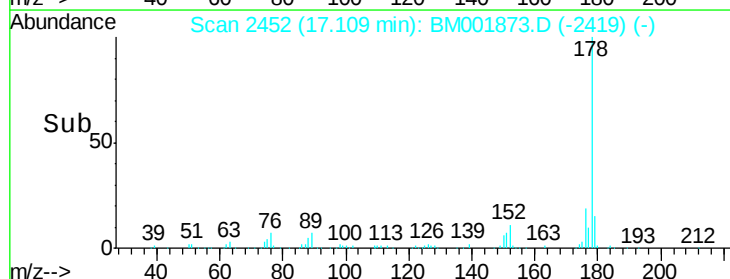
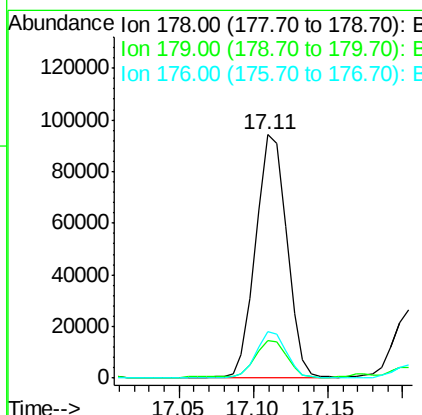
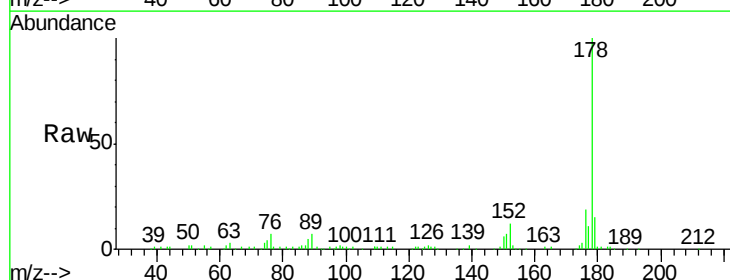
RT: 17.11 min Scan# 2452

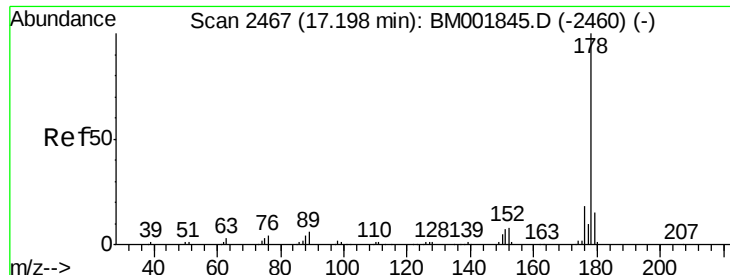
Delta R.T. -0.01 min

Lab File: BM001873.D

Acq: 07 Jul 2015 20:58

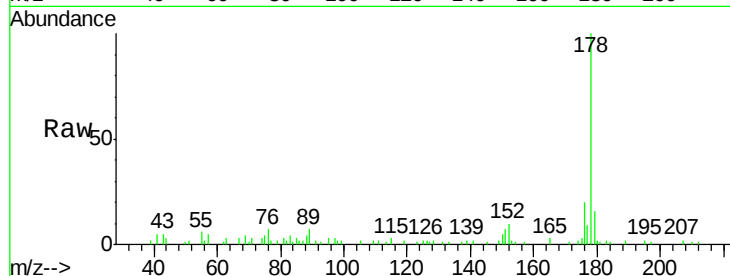
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	19.1	15.2	22.8





#71
 Anthracene
 Concen: 2.05 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BM001873.D
 Acq: 07 Jul 2015 20:58

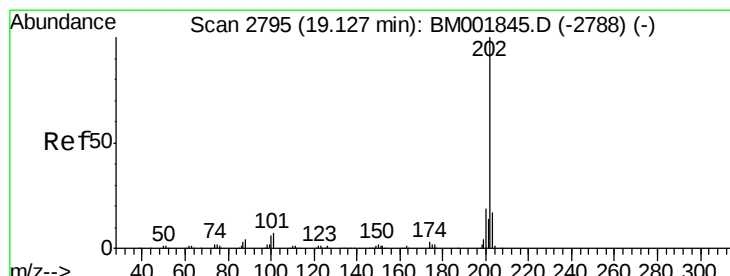
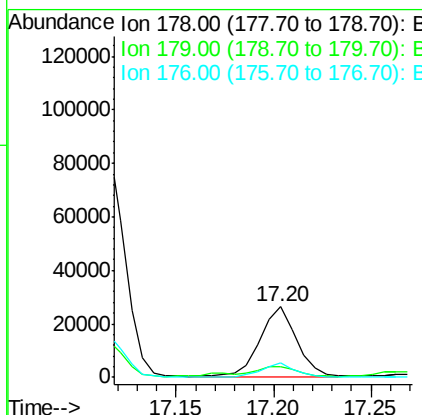
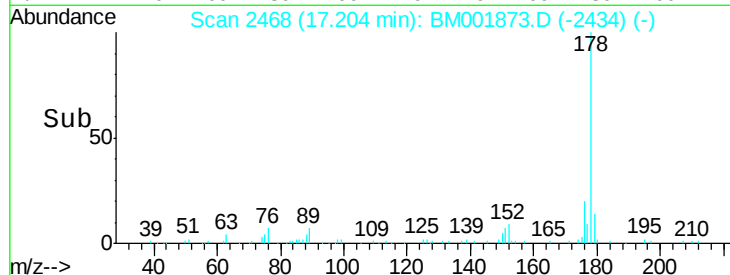
Instrument :
 BNA_M
 ClientSampleId :
 G93K9



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.7	14.4	21.6

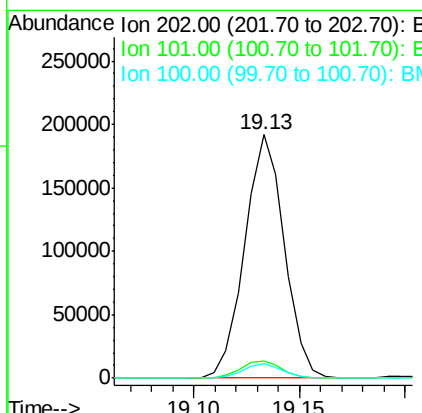
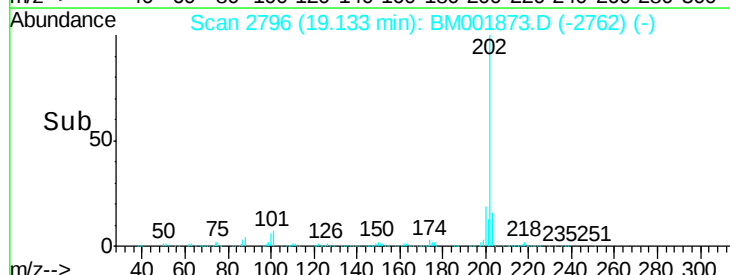
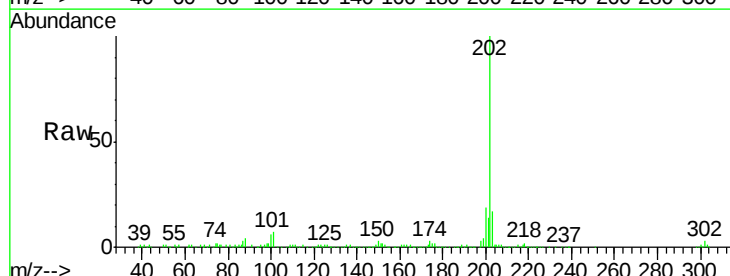
Manual Integrations
 APPROVED

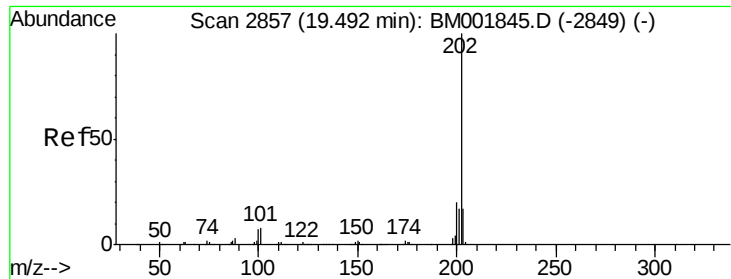
apatel
 7/8/2015 4:25:46 PM



#76
 Fluoranthene
 Concen: 12.74 ng/ul
 RT: 19.13 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BM001873.D
 Acq: 07 Jul 2015 20:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	5.8	4.8	7.2





#79

Pyrene

Concen: 13.19 ng/ul

RT: 19.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BM001873.D

Acq: 07 Jul 2015 20:58

Instrument :

BNA_M

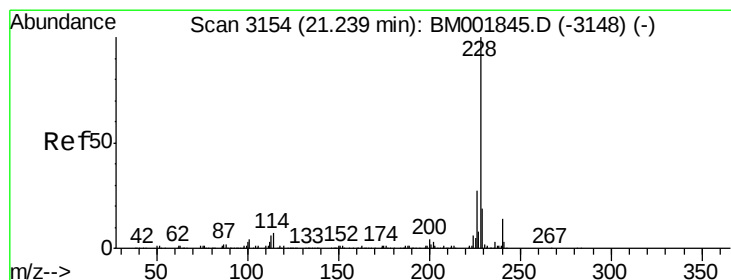
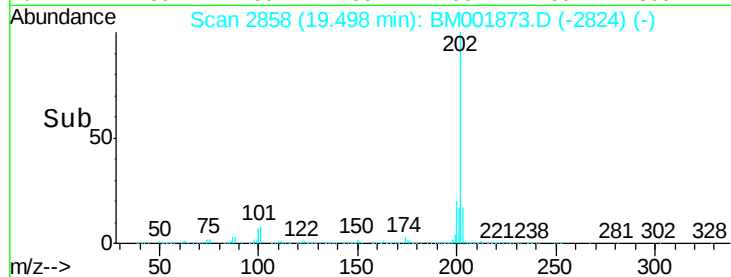
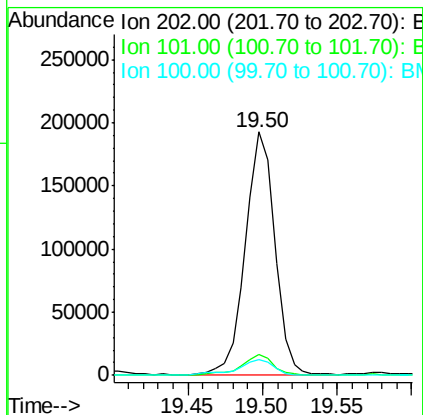
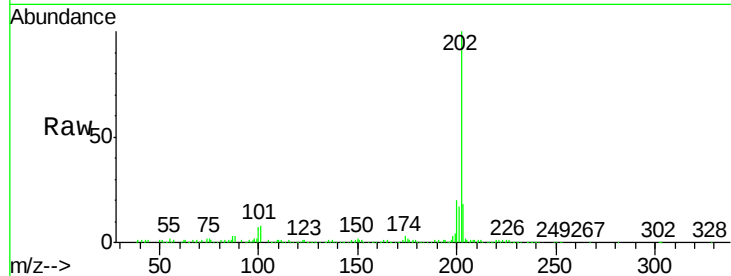
ClientSampled :

G93K9

Tgt Ion:	202	Resp:	260867
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	6.7	6.2	9.2

Manual Integrations
APPROVED

apatel
7/8/2015 4:25:46 PM



#82

Benzo(a)anthracene

Concen: 7.73 ng/ul

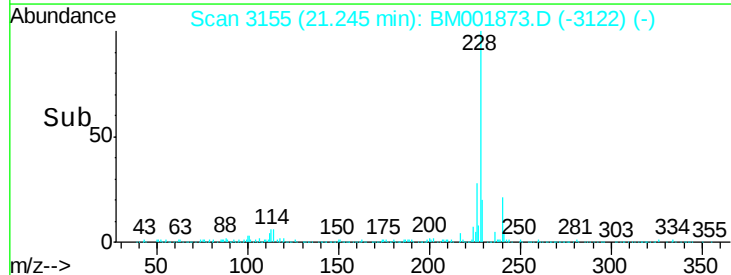
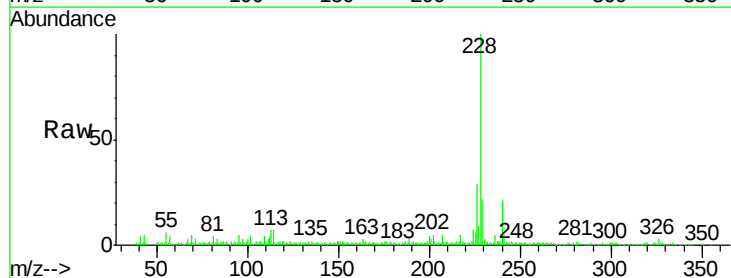
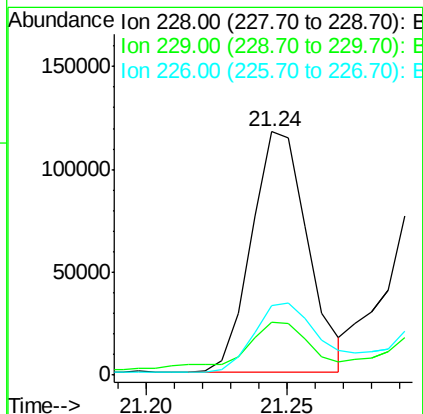
RT: 21.24 min Scan# 3155

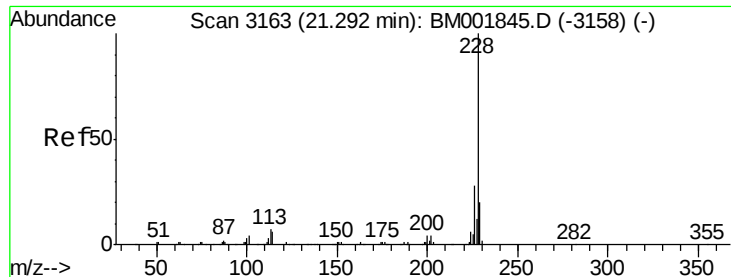
Delta R.T. -0.01 min

Lab File: BM001873.D

Acq: 07 Jul 2015 20:58

Tgt Ion:	228	Resp:	161065
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.4	23.0
226	28.8	20.6	30.8





#84

Chrysene

Concen: 8.12 ng/ul m

RT: 21.30 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BM001873.D

Acq: 07 Jul 2015 20:58

Instrument :

BNA_M

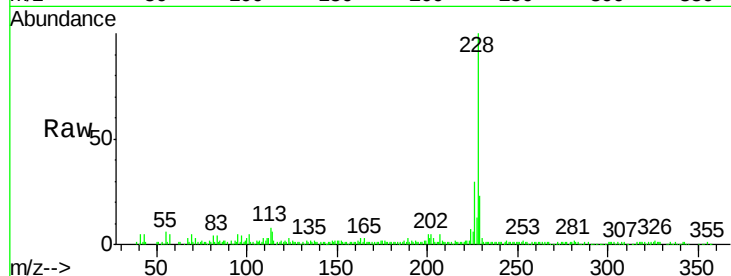
ClientSampleId :

G93K9

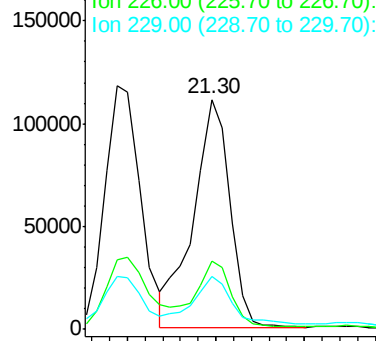
Tgt Ion:	228	Resp:	160316
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.0	34.4
229	23.2	15.4	23.2#

Manual Integrations
APPROVED

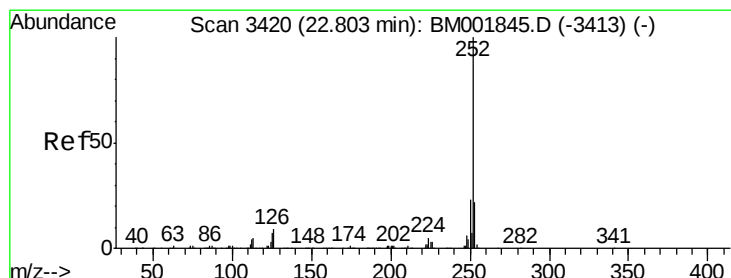
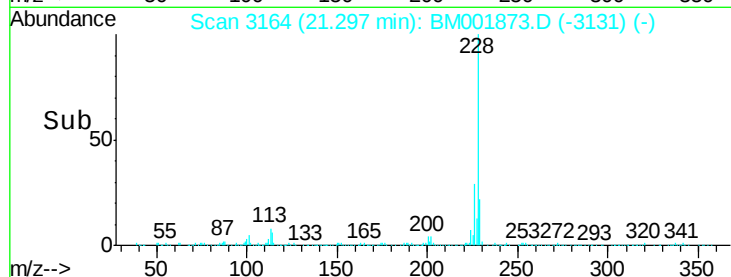
apatel
7/8/2015 4:25:46 PM



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



Time-->



#87

Benzo(b)fluoranthene

Concen: 11.10 ng/ul

RT: 22.82 min Scan# 3423

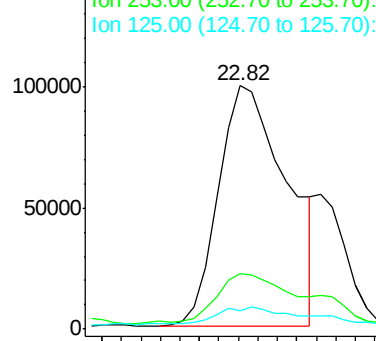
Delta R.T. -0.01 min

Lab File: BM001873.D

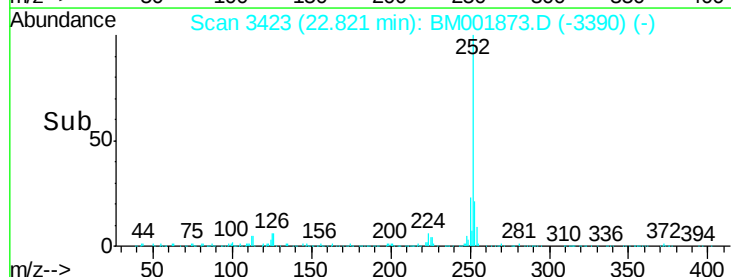
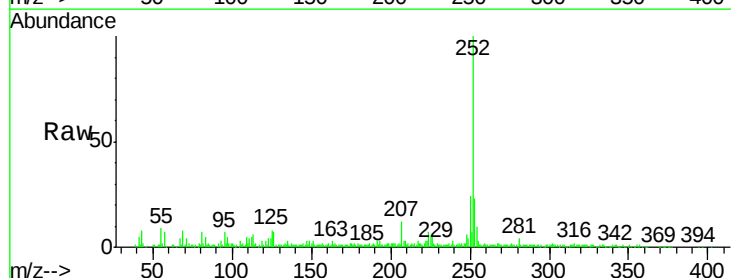
Acq: 07 Jul 2015 20:58

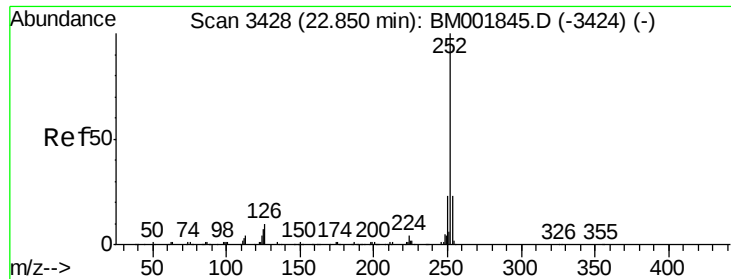
Tgt Ion:	252	Resp:	241542
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	7.8	5.3	7.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





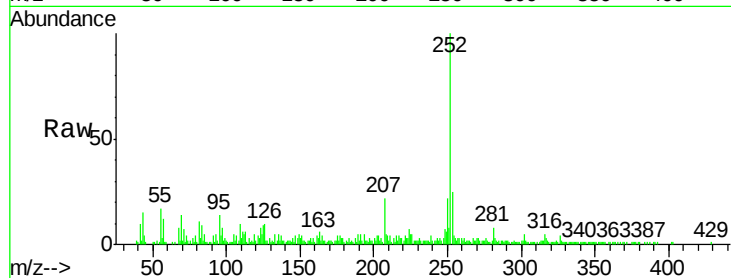
#88
Benzo(k)fluoranthene
Concen: 3.81 ng/ul m
RT: 22.86 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BM001873.D
Acq: 07 Jul 2015 20:58

Instrument :
BNA_M
ClientSampleId :
G93K9

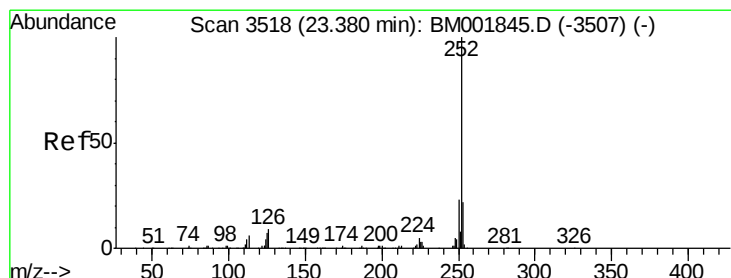
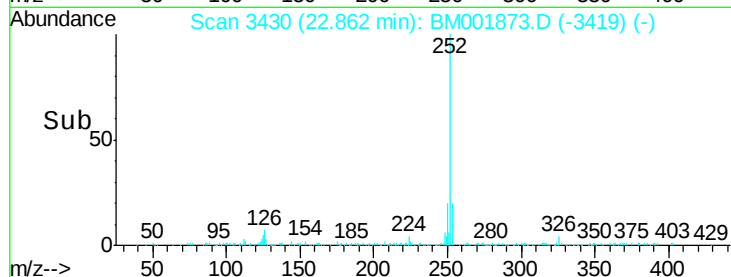
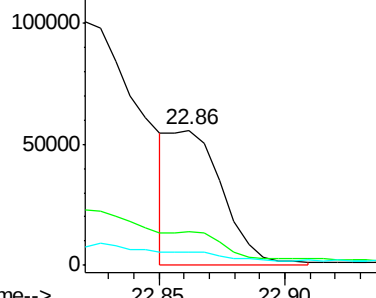
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	9.3	5.3	7.9

Manual Integrations
APPROVED

apatel
7/8/2015 4:25:46 PM



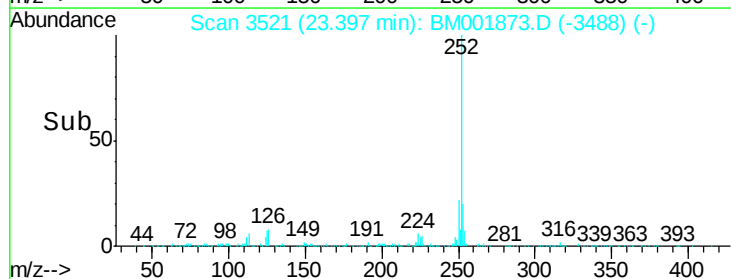
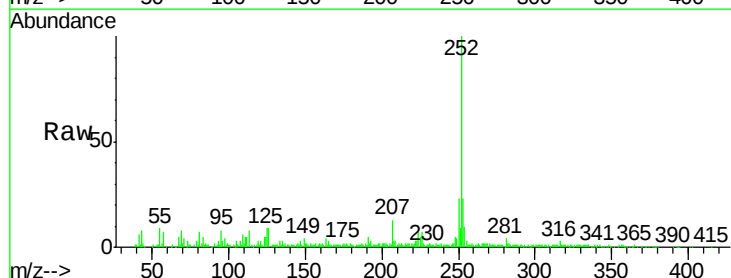
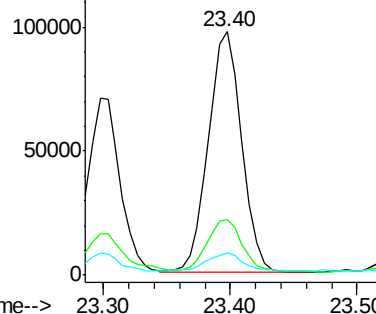
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

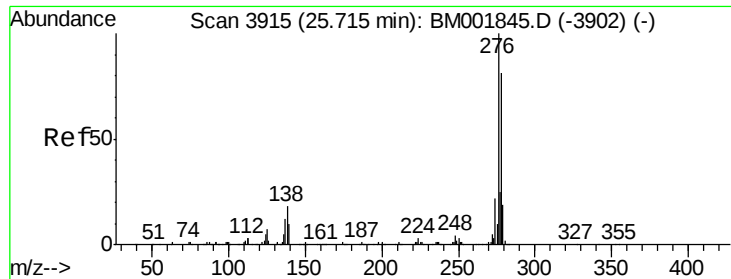


#90
Benzo(a)pyrene
Concen: 8.37 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BM001873.D
Acq: 07 Jul 2015 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.0	6.0	9.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





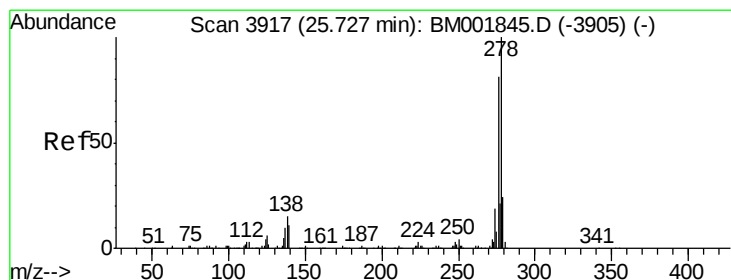
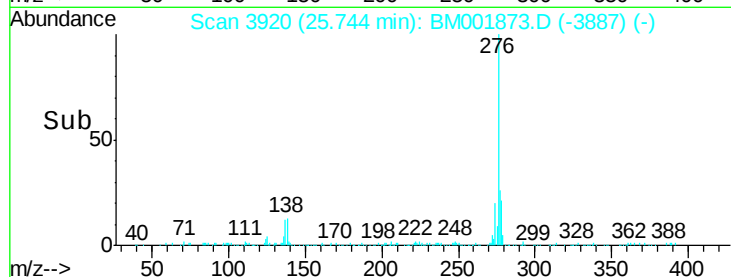
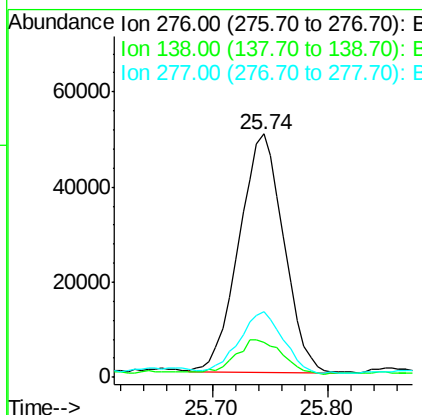
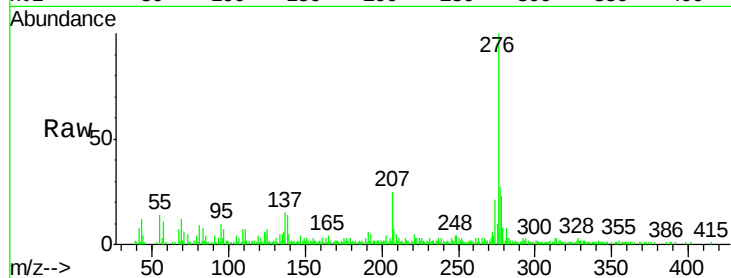
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.38 ng/ul
 RT: 25.74 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM001873.D
 Acq: 07 Jul 2015 20:58

Instrument :
 BNA_M
 ClientSampleId :
 G93K9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	14.7	22.1#
277	27.2	19.7	29.5

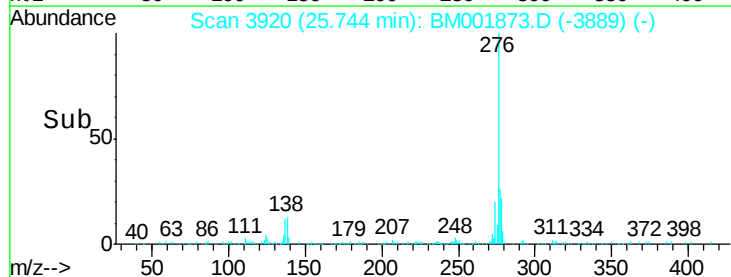
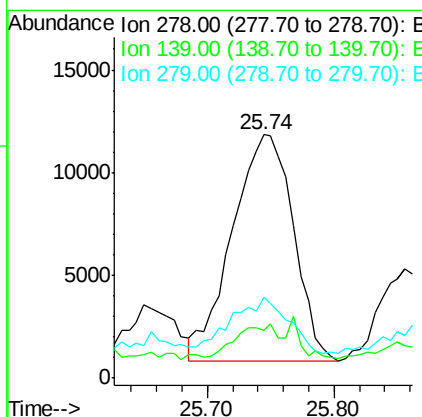
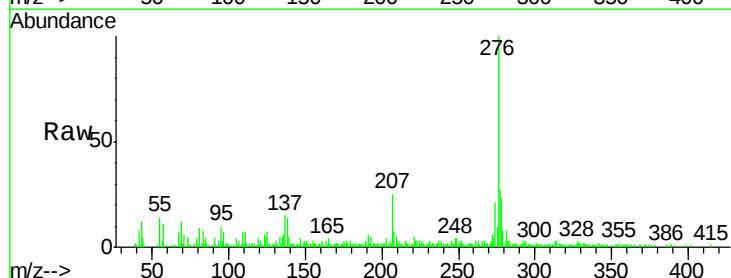
Manual Integrations
 APPROVED

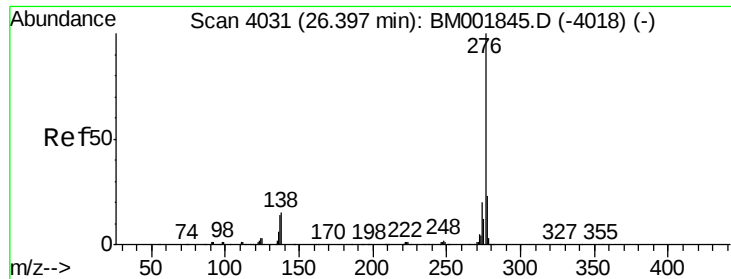
apatel
 7/8/2015 4:25:46 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 1.73 ng/ul
 RT: 25.74 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BM001873.D
 Acq: 07 Jul 2015 20:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	9.2	13.8#
279	33.2	19.1	28.7#





#93

Benzo(g,h,i)perylene

Concen: 6.29 ng/ul

RT: 26.43 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM001873.D

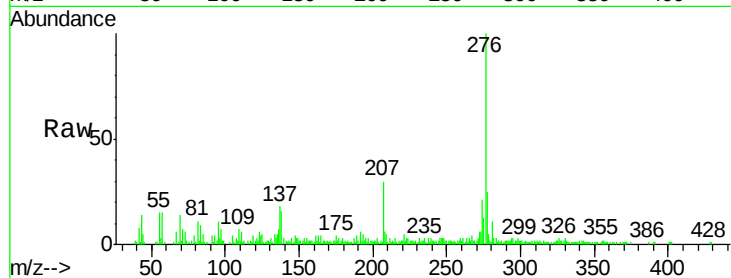
Acq: 07 Jul 2015 20:58

Instrument :

BNA_M

ClientSampleId :

G93K9



Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.6	19.0
277	25.3	18.7	28.1

Manual Integrations
APPROVED

apatel
7/8/2015 4:25:46 PM

