

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072015\
 Data File : BM001993.D
 Acq On : 21 Jul 2015 02:53
 Operator : TP/UM
 Sample : G3000-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02K3

Manual Integrations
 APPROVED

apatel
 7/22/2015 1:55:02 PM

Quant Time: Jul 31 12:50:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	116623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	475879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	277321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	559172	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	468862	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	456072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4729	1.98	ng/uL	0.00
5) Phenol-d5	6.83	99	111184	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	66956	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	94170	12.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	44298	5.66	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45653	12.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	43302	10.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	92838	11.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	58159	7.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	310025	13.86	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	299575	11.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	32896	8.68	ng/ul	0.00
57) Fluorene-d10	15.31	176	204691	10.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	2301	0.64	ng/ul	0.00
70) Anthracene-d10	17.16	188	264361	10.07	ng/ul	0.00
78) Pyrene-d10	19.46	212	225363	10.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	160913	6.98	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.80	77	5373	1.17	ng/ul#	82
14) Acetophenone	8.48	105	45661	3.70	ng/ul	92
28) Naphthalene	10.50	128	23941	1.00	ng/ul	100
44) Dimethylphthalate	13.77	163	286630	12.60	ng/ul	99
69) Phenanthrene	17.10	178	95931	3.17	ng/ul	99
76) Fluoranthene	19.13	202	158485	4.48	ng/ul	99
79) Pyrene	19.49	202	146576	5.23	ng/ul	98
82) Benzo(a)anthracene	21.24	228	69031	2.47	ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.17	149	40940	2.62	ng/ul#	99
84) Chrysene	21.29	228	85236m	3.26	ng/ul	
87) Benzo(b)fluoranthene	22.81	252	108466	3.88	ng/ul#	85
88) Benzo(k)fluoranthene	22.86	252	37450m	1.39	ng/ul	
90) Benzo(a)pyrene	23.39	252	66696	2.54	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.73	276	56469	2.05	ng/ul	94
93) Benzo(g,h,i)perylene	26.43	276	59396	2.62	ng/ul	95

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

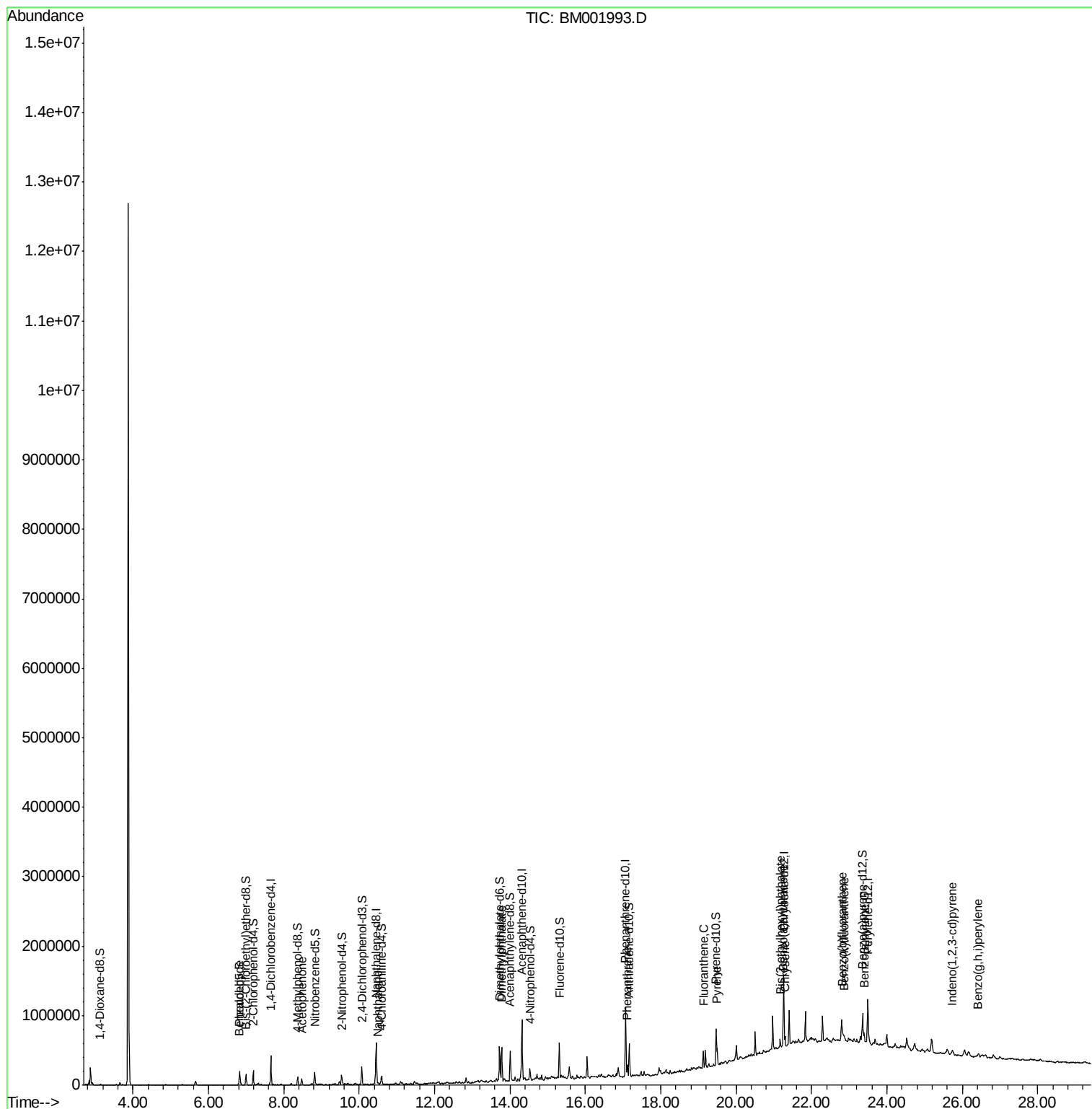
Data Path : Z:\HPCHEM1\BNA_M\Data\BM072015\
Data File : BM001993.D
Acq On : 21 Jul 2015 02:53
Operator : TP/UM
Sample : G3000-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

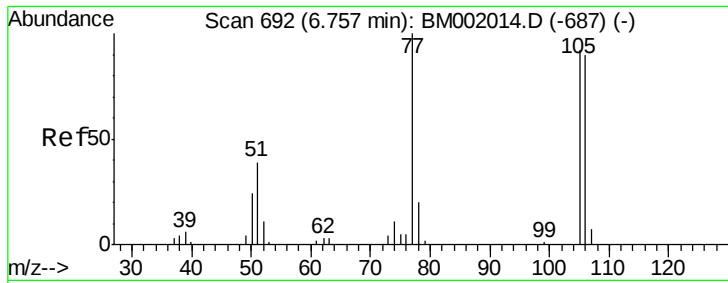
Instrument :
BNA_M
ClientSampleId :
C02K3

Manual Integrations
APPROVED

apatel
7/22/2015 1:55:02 PM

Quant Time: Jul 31 12:50:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:44 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.17 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM001993.D

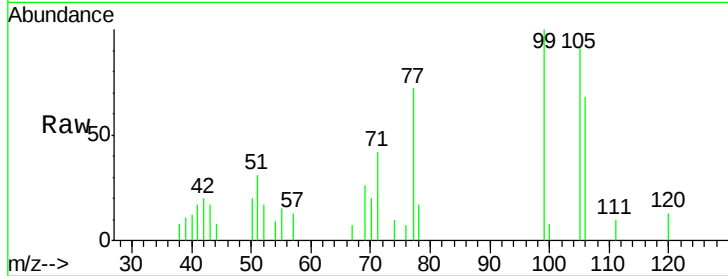
Acq: 21 Jul 2015 02:53

Instrument :

BNA_M

ClientSampled :

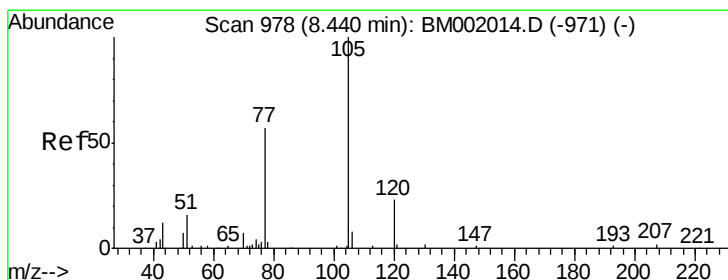
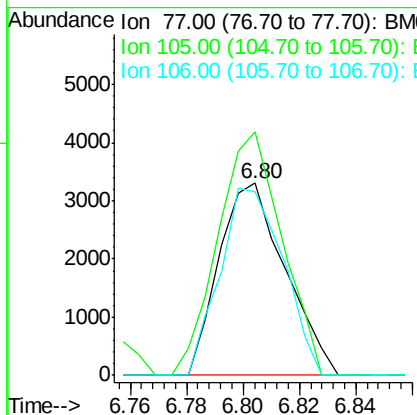
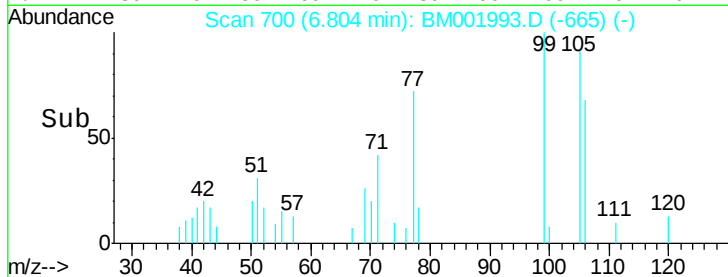
C02K3



Tgt Ion:	77	Resp:	5373
Ion Ratio	Lower	Upper	
77	100		
105	126.9	77.1	115.7#
106	95.4	73.1	109.7

Manual Integrations
APPROVED

apatel
7/22/2015 1:55:02 PM



#14

Acetophenone

Concen: 3.70 ng/ul

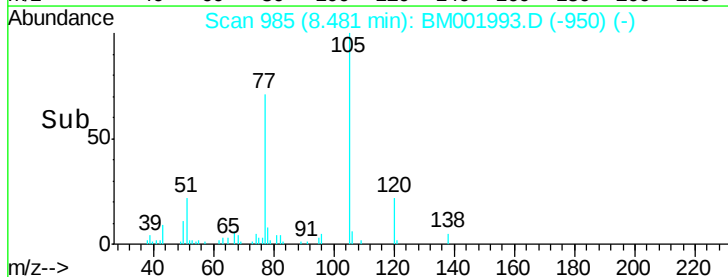
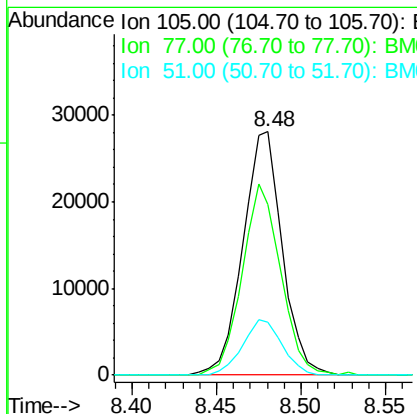
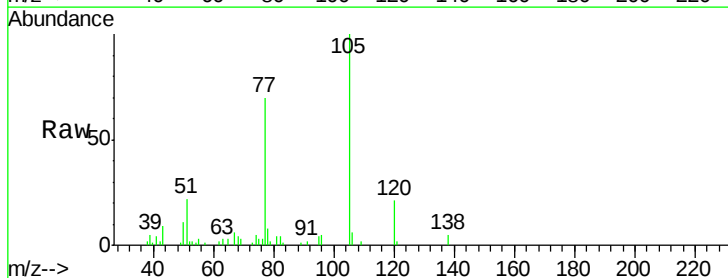
RT: 8.48 min Scan# 985

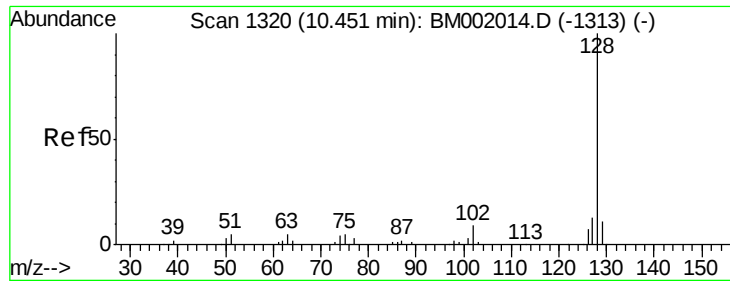
Delta R.T. 0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

Tgt Ion:	105	Resp:	45661
Ion Ratio	Lower	Upper	
105	100		
77	70.0	61.7	92.5
51	21.6	20.2	30.4





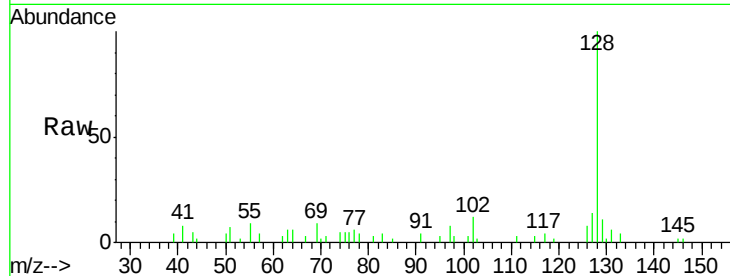
#28
Naphthalene
Concen: 1.00 ng/ul
RT: 10.50 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Instrument :
BNA_M
ClientSampleId :
C02K3

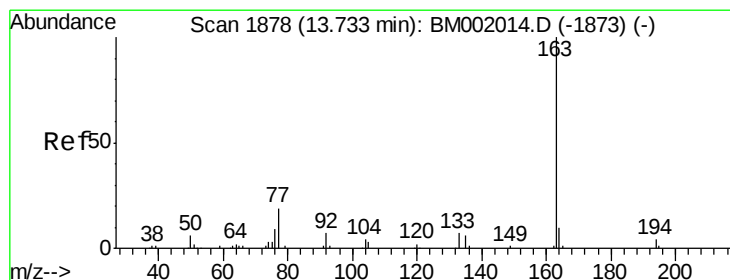
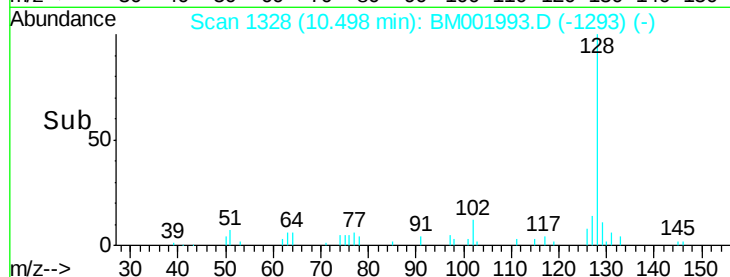
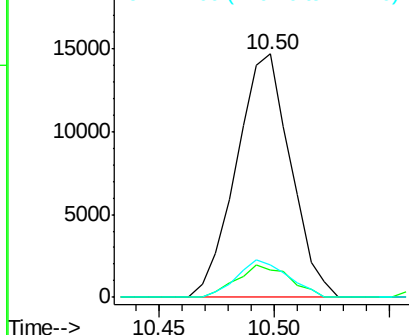
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.5	10.7	16.1

Manual Integrations
APPROVED

apatel
7/22/2015 1:55:02 PM

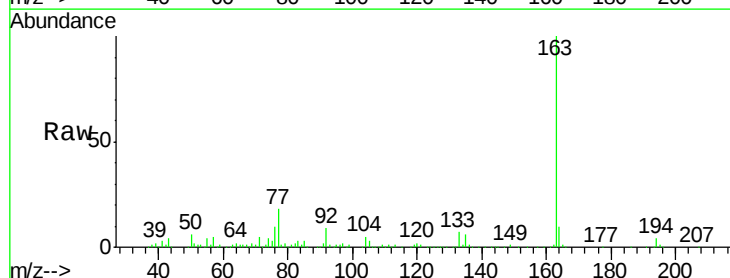


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

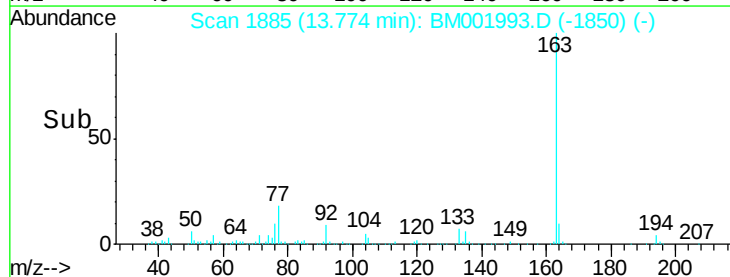
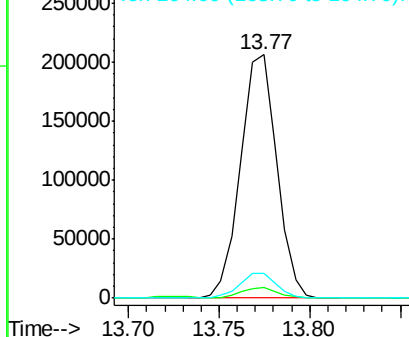


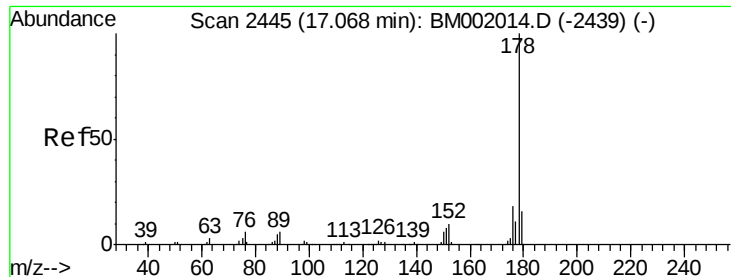
#44
Dimethylphthalate
Concen: 12.60 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.1	7.6	11.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





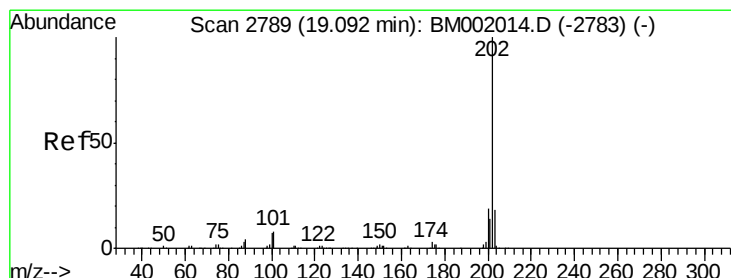
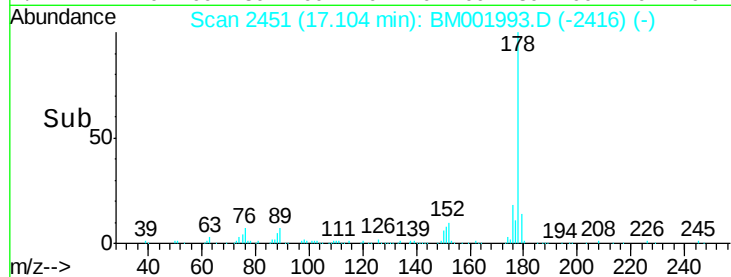
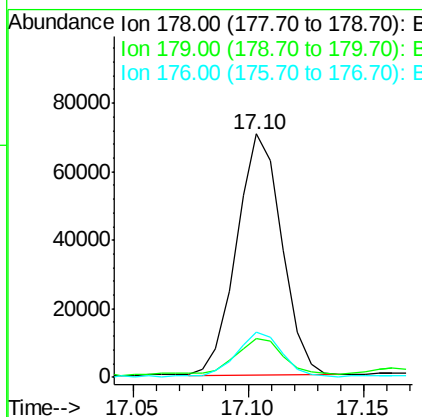
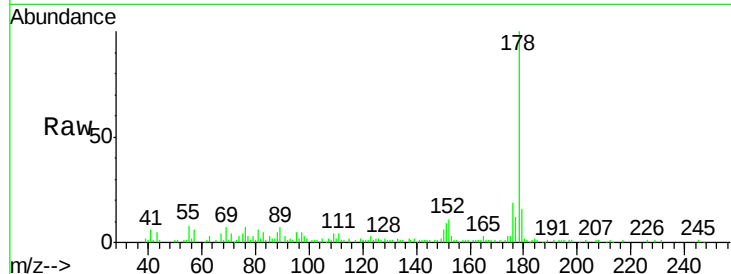
#69
Phenanthrene
Concen: 3.17 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Instrument :
BNA_M
ClientSampleId :
C02K3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.5	14.5	21.7

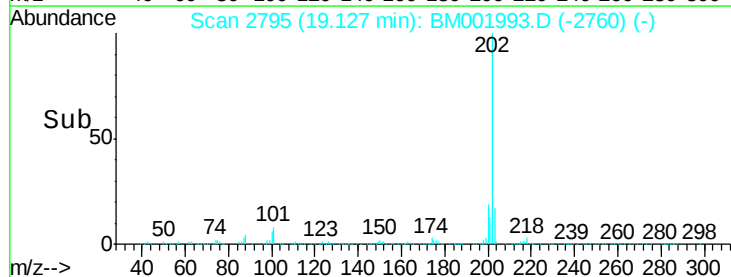
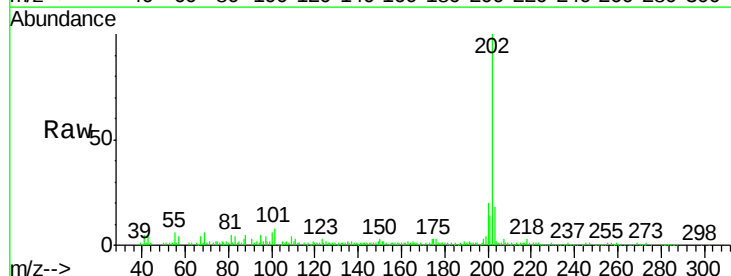
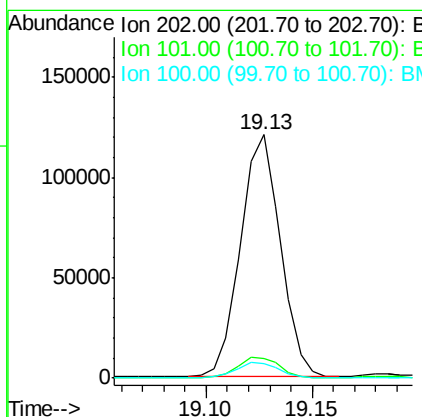
Manual Integrations
APPROVED

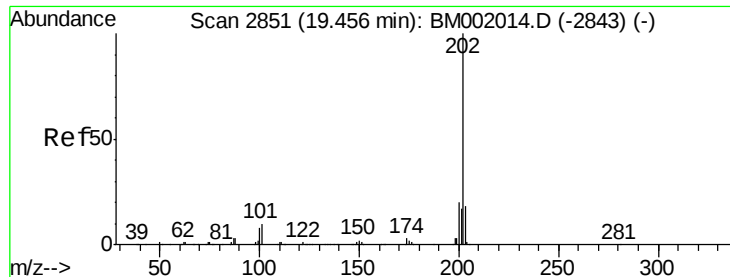
apatel
7/22/2015 1:55:02 PM



#76
Fluoranthene
Concen: 4.48 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.6	9.8
100	6.1	5.2	7.8





#79

Pyrene

Concen: 5.23 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

Instrument :

BNA_M

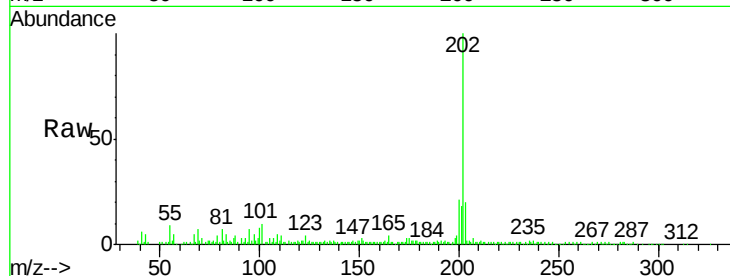
ClientSampleId :

C02K3

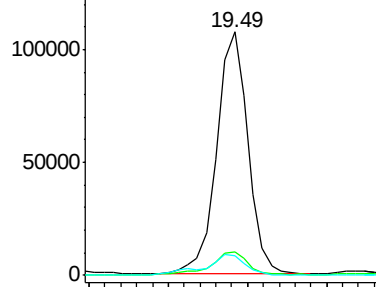
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	7.4	11.0
100	8.2	5.9	8.9

Manual Integrations
APPROVED

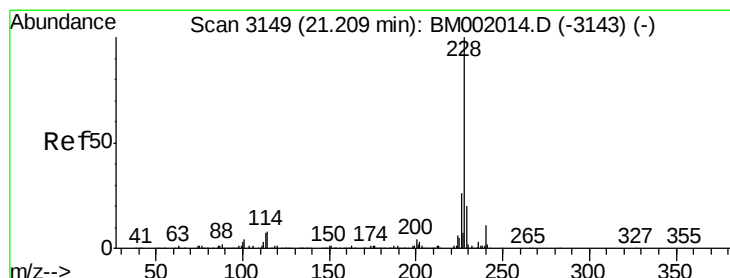
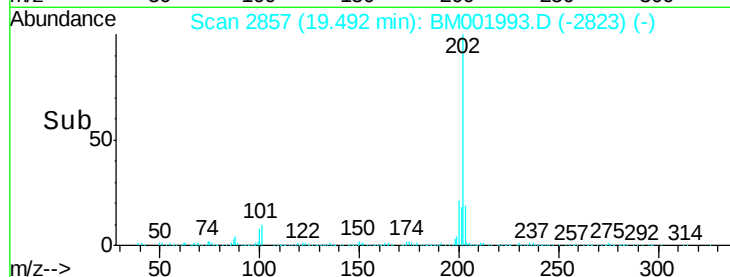
apatel
7/22/2015 1:55:02 PM



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--> 19.40 19.45 19.50 19.55



#82

Benzo(a)anthracene

Concen: 2.47 ng/ul

RT: 21.24 min Scan# 3154

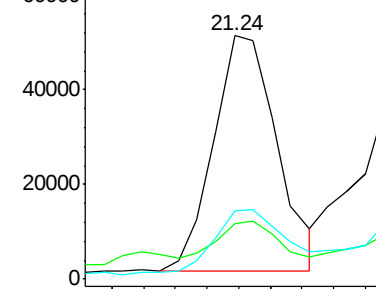
Delta R.T. -0.01 min

Lab File: BM001993.D

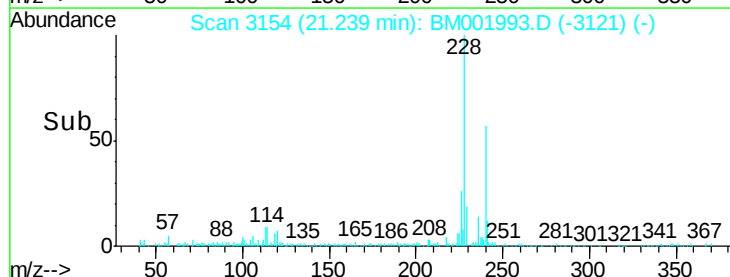
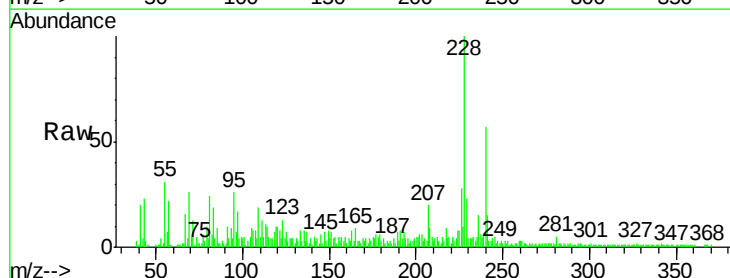
Acq: 21 Jul 2015 02:53

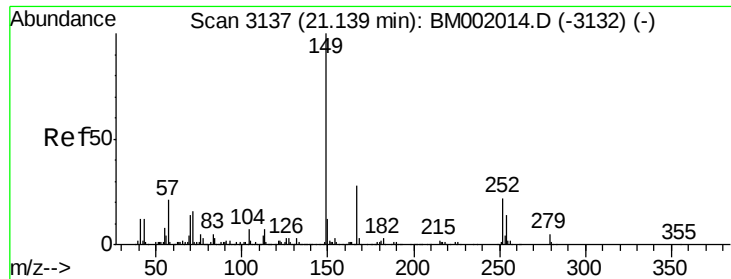
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.0	15.2	22.8#
226	28.0	20.8	31.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time--> 21.20 21.25





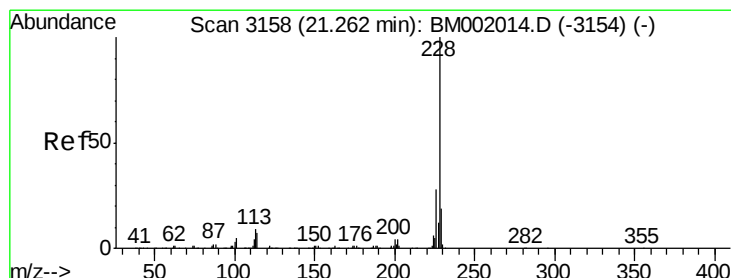
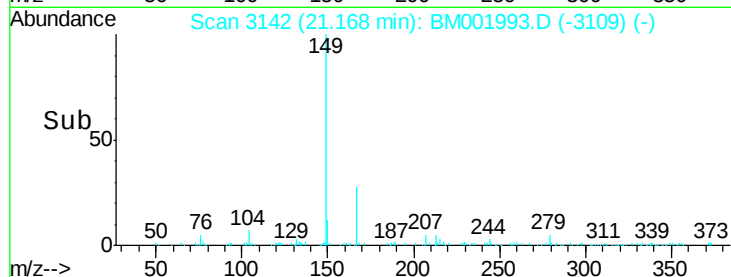
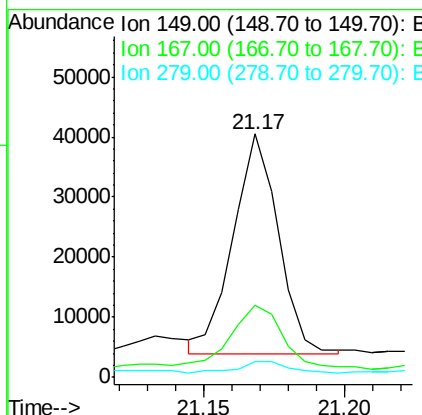
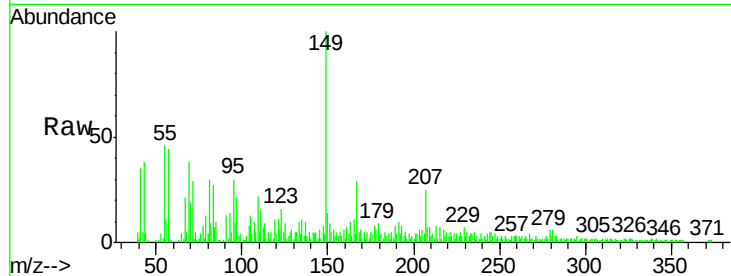
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.62 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Instrument :
BNA_M
ClientSampled :
C02K3

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.4	23.4	35.0
279	6.5	4.0	6.0

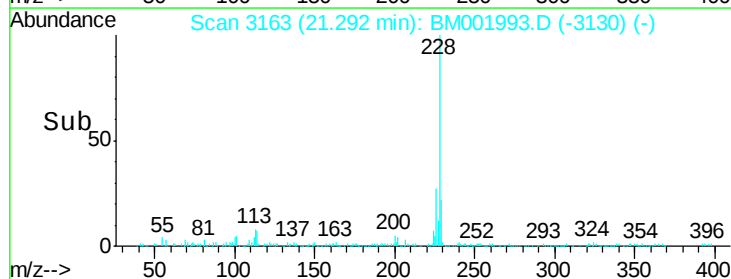
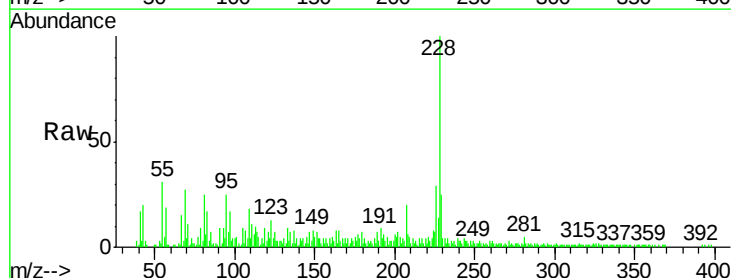
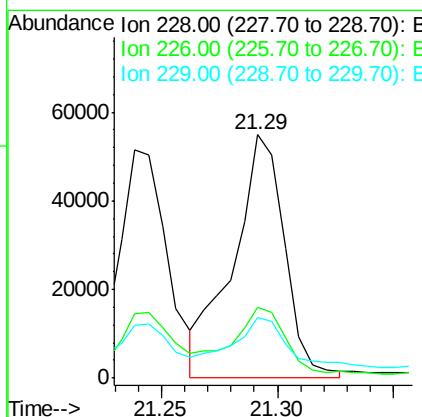
Manual Integrations
APPROVED

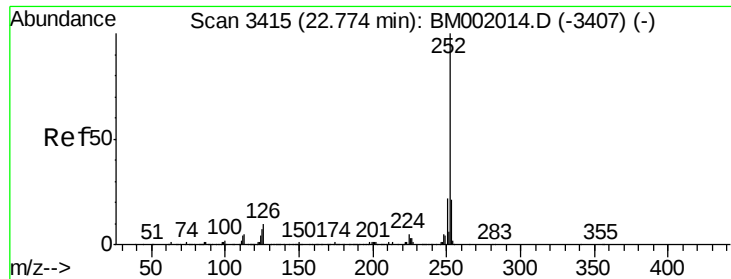
apatel
7/22/2015 1:55:02 PM



#84
Chrysene
Concen: 3.26 ng/ul m
RT: 21.29 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	22.6	33.8
229	24.9	15.4	23.0





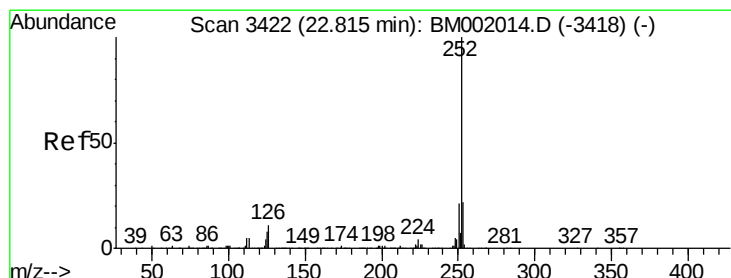
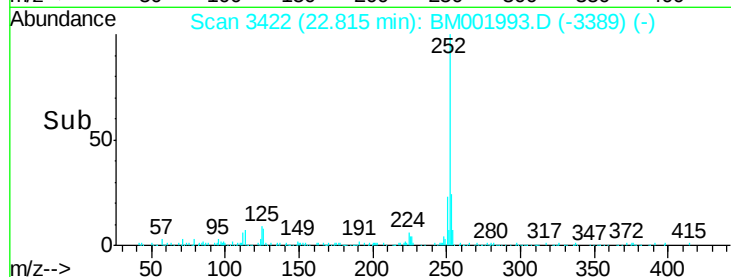
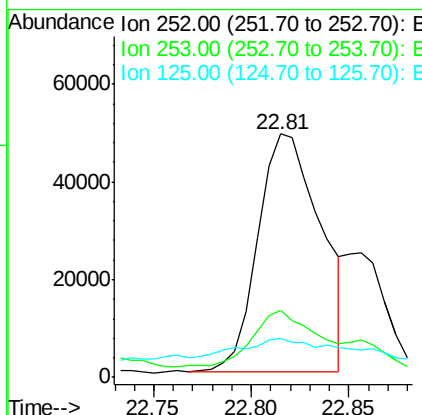
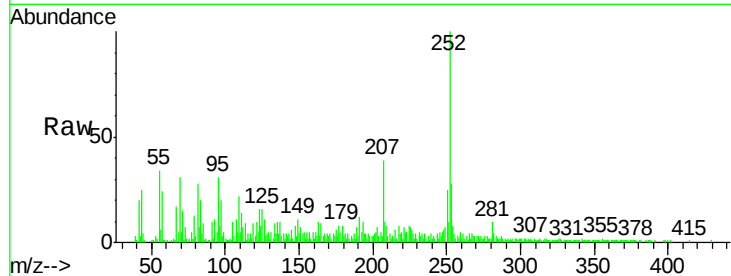
#87
Benzo(b)fluoranthene
Concen: 3.88 ng/ul
RT: 22.81 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Instrument :
BNA_M
ClientSampleId :
C02K3

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	108466		
253	27.6	17.6	26.4#	
125	16.1	6.1	9.1#	

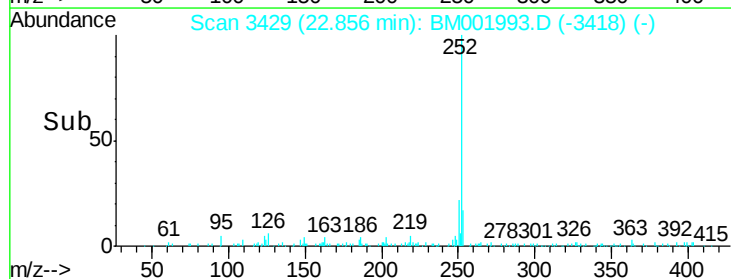
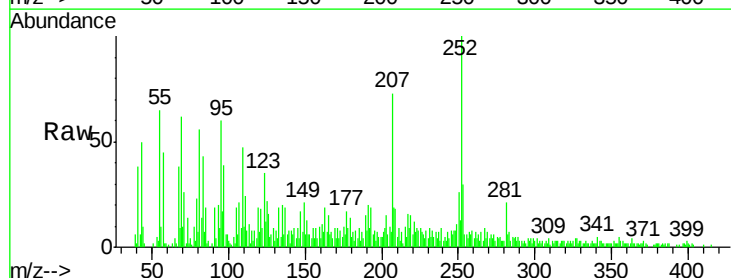
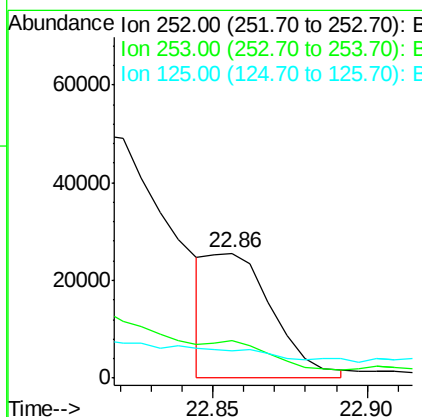
Manual Integrations
APPROVED

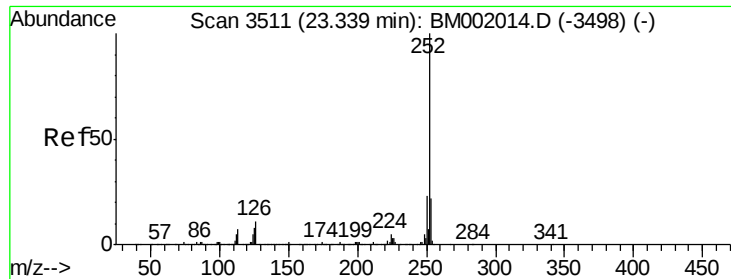
apatel
7/22/2015 1:55:02 PM



#88
Benzo(k)fluoranthene
Concen: 1.39 ng/ul m
RT: 22.86 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37450		
253	30.0	17.1	25.7#	
125	21.6	5.6	8.4#	





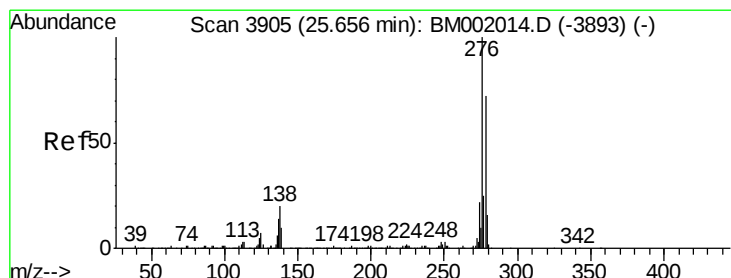
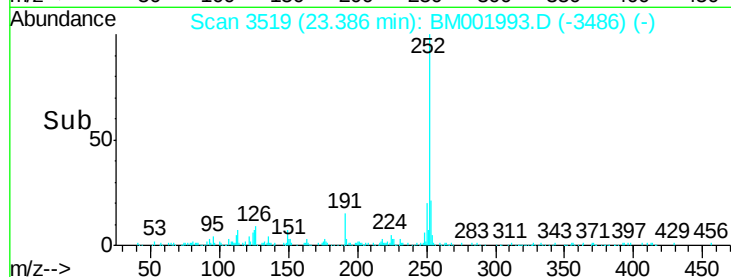
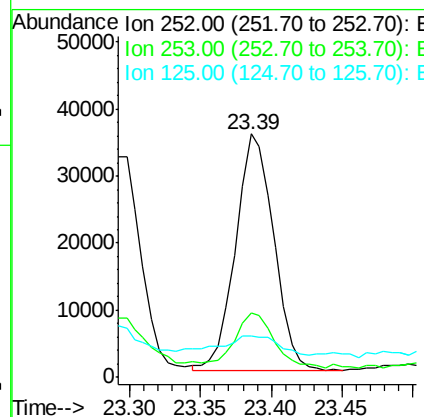
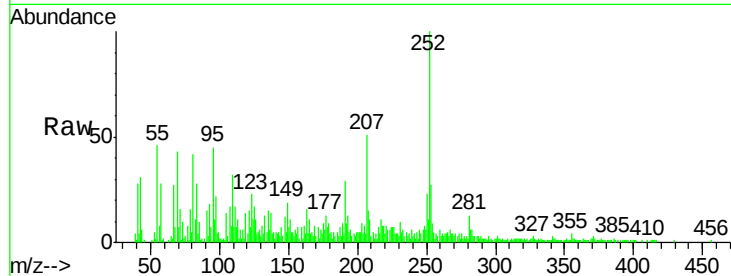
#90
Benzo(a)pyrene
Concen: 2.54 ng/ul
RT: 23.39 min Scan# 3519
Delta R.T. -0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Instrument :
BNA_M
ClientSampleId :
C02K3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.6	17.4	26.2#
125	17.1	6.4	9.6#

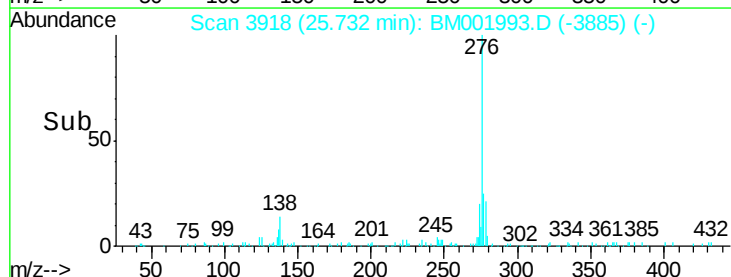
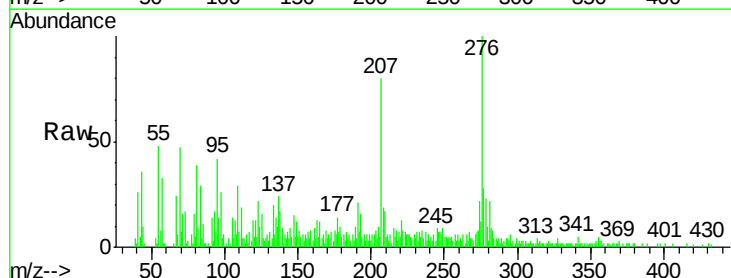
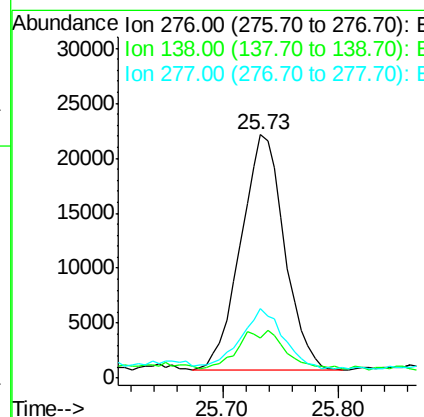
Manual Integrations
APPROVED

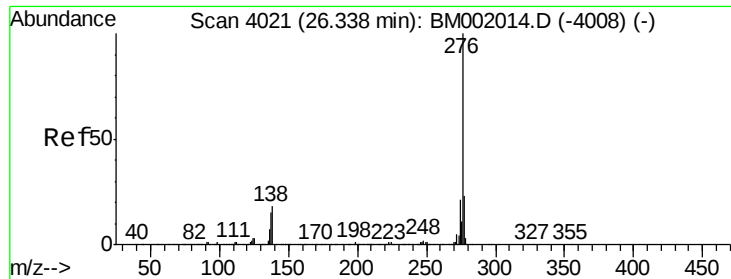
apatel
7/22/2015 1:55:02 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng/ul
RT: 25.73 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM001993.D
Acq: 21 Jul 2015 02:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.7	15.4	23.0
277	28.3	19.9	29.9





#93

Benzo(g,h,i)perylene

Concen: 2.62 ng/ul

RT: 26.43 min Scan# 4036

Delta R.T. 0.01 min

Lab File: BM001993.D

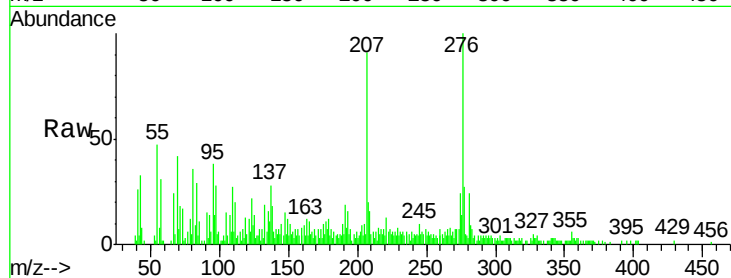
Acq: 21 Jul 2015 02:53

Instrument :

BNA_M

ClientSampleId :

C02K3



Tgt Ion: 276 Resp: 59396

Ion Ratio Lower Upper

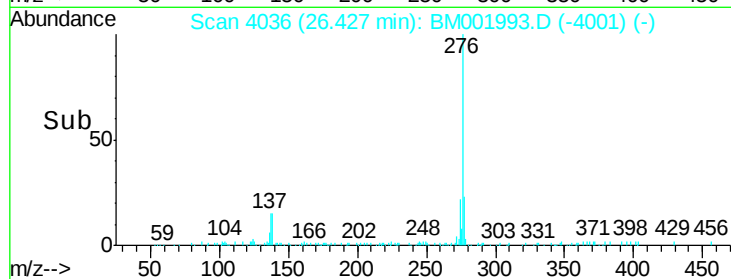
276 100

138 18.2 13.3 19.9

277 26.5 18.6 27.8

Manual Integrations
APPROVED

apatel
7/22/2015 1:55:02 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

