

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001455.D
 Acq On : 29 May 2015 22:09
 Operator : TP/IZ
 Sample : G2411-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB6

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:26:51 PM

Quant Time: May 30 04:08:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	127561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	551011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	338859	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	734870	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	663633	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	587420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	6432	2.52	ng/uL	0.00
5) Phenol-d5	6.58	99	141065	14.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	88637	15.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	119459	15.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	103684	13.02	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	57439	16.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	64185	15.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	121056	14.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	63208	6.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	374183	15.75	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	501456	15.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	53775	11.10	ng/ul	0.00
57) Fluorene-d10	15.07	176	364664	15.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	39107	8.65	ng/ul	0.00
70) Anthracene-d10	16.92	188	519716	15.34	ng/ul	0.00
76) Pyrene-d10	19.23	212	527323	18.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	403409	15.53	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.61	94	13168	1.32	ng/ul	96
14) Acetophenone	8.21	105	57354	4.41	ng/ul	91
44) Dimethylphthalate	13.53	163	184784	6.89	ng/ul	97
69) Phenanthrene	16.86	178	75761	1.85	ng/ul	97
74) Fluoranthene	18.89	202	238733	4.82	ng/ul	100
77) Pyrene	19.26	202	232965	5.87	ng/ul	98
80) Benzo(a)anthracene	21.01	228	135379	3.49	ng/ul	95
82) Chrysene	21.06	228	131609	3.61	ng/ul	96
85) Benzo(b)fluoranthene	22.50	252	190131	5.29	ng/ul	97
86) Benzo(k)fluoranthene	22.53	252	58433m	1.70	ng/ul	
88) Benzo(a)pyrene	23.02	252	124308	3.68	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.16	276	88765	2.50	ng/ul	94
91) Benzo(g,h,i)perylene	25.79	276	92470	3.15	ng/ul	96

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

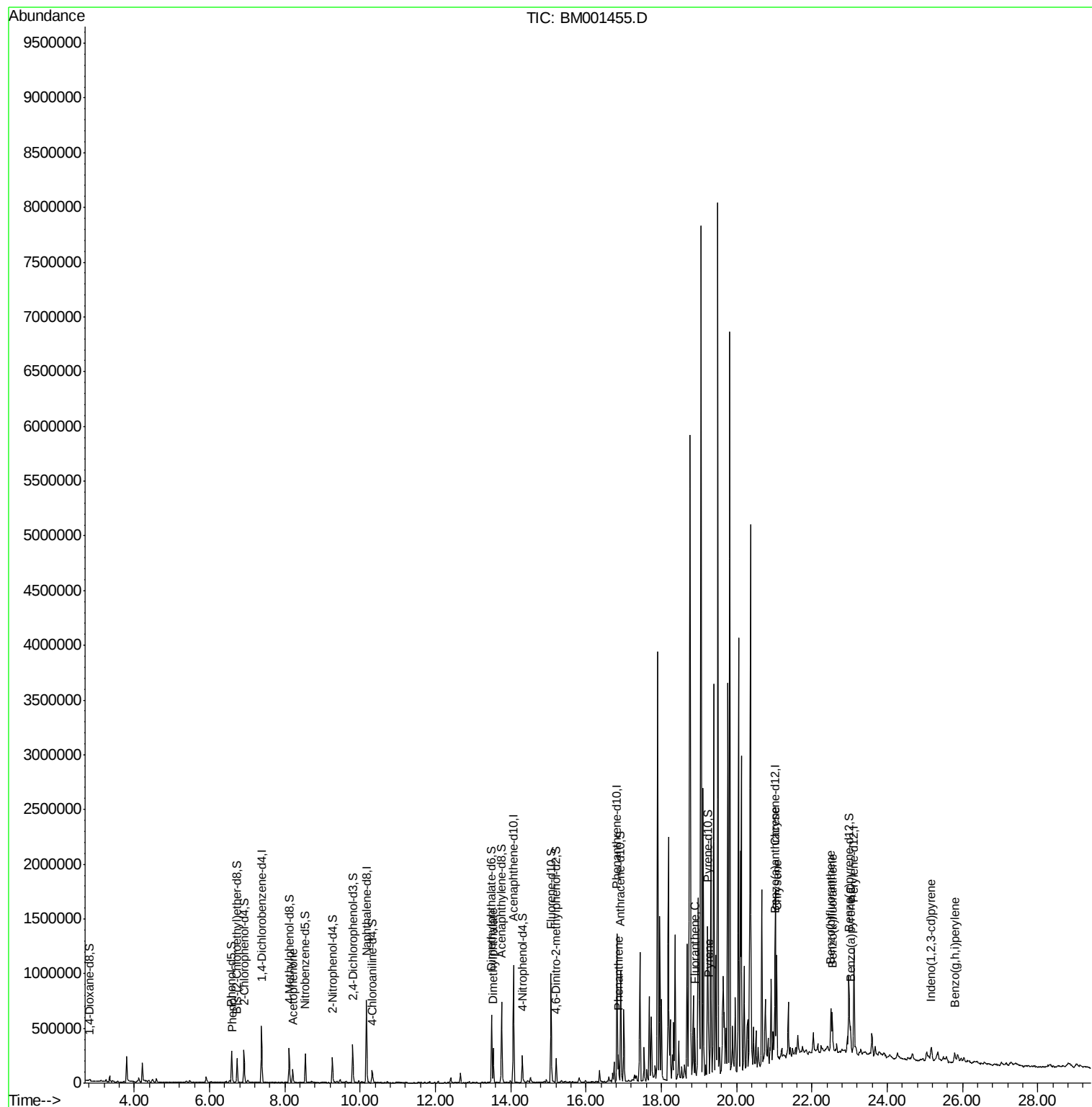
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

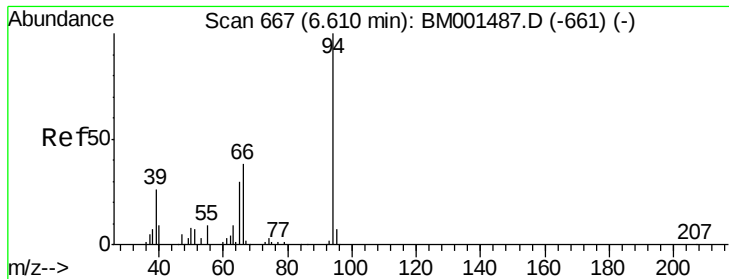
Instrument :
BNA_M
ClientSampleId :
BCRB6

Manual Integrations
APPROVED

apatel
6/1/2015 4:26:51 PM

Quant Time: May 30 04:08:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 30 02:30:09 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.32 ng/ul

RT: 6.61 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM001455.D

Acq: 29 May 2015 22:09

Instrument :

BNA_M

ClientSampleId :

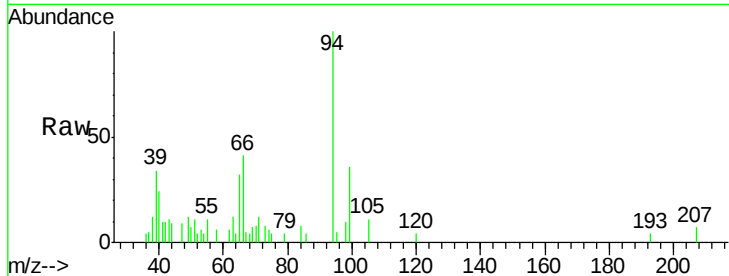
BCRB6

Manual Integrations
APPROVED

apatel

6/1/2015 4:26:51 PM

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	13168		
65	31.8	25.2	37.8	
66	41.2	36.2	54.2	

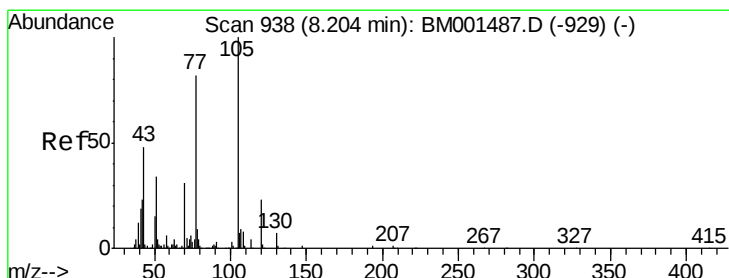
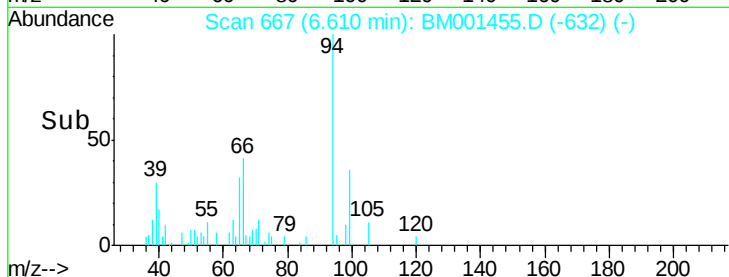
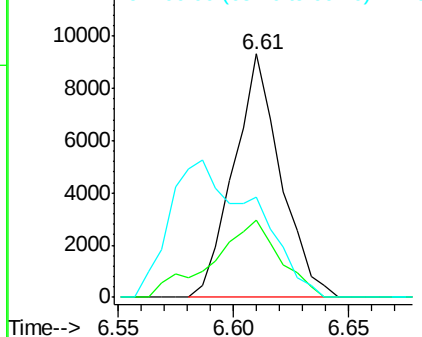


Abundance

Ion 94.00 (93.70 to 94.70): BM001487.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM001487.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM001487.D (-661) (-)



#14

Acetophenone

Concen: 4.41 ng/ul

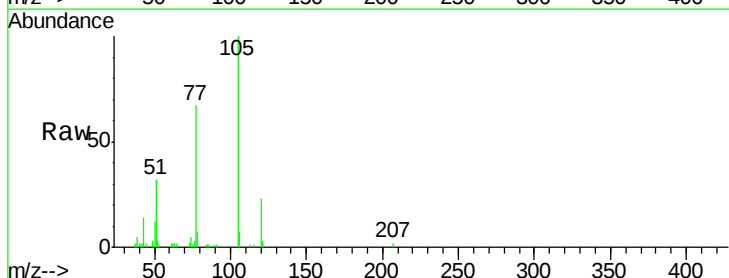
RT: 8.21 min Scan# 939

Delta R.T. -0.00 min

Lab File: BM001455.D

Acq: 29 May 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	57354		
77	67.2	61.6	92.4	
51	31.9	27.5	41.3	

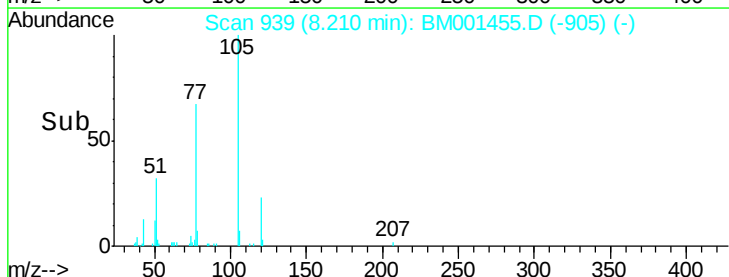
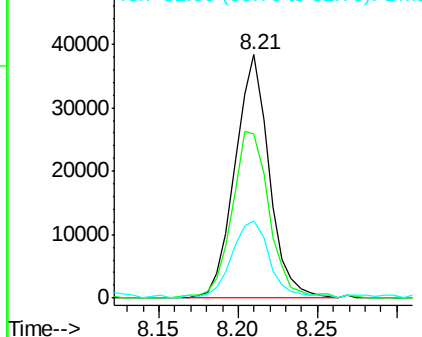


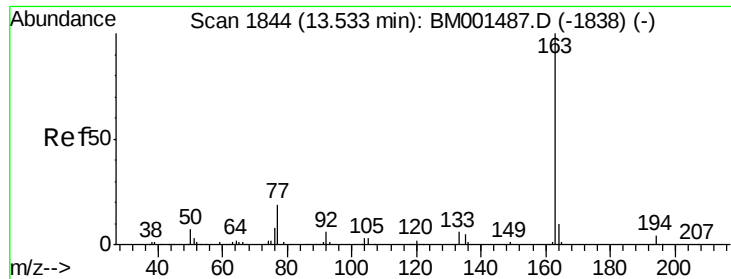
Abundance

Ion 105.00 (104.70 to 105.70): BM001487.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM001487.D (-929) (-)

Ion 51.00 (50.70 to 51.70): BM001487.D (-929) (-)





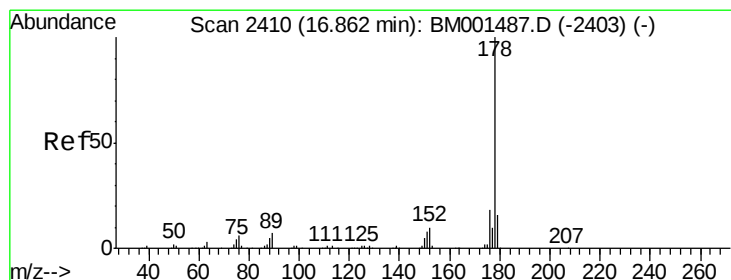
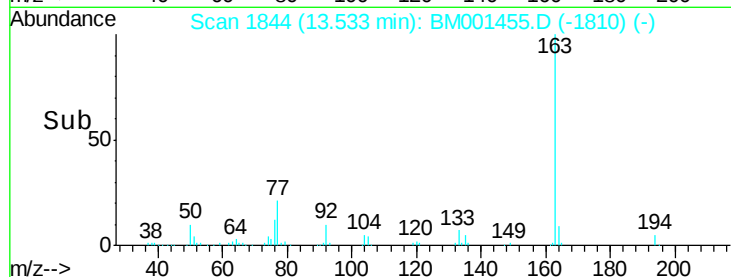
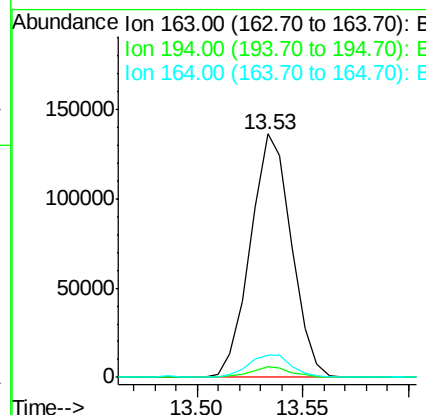
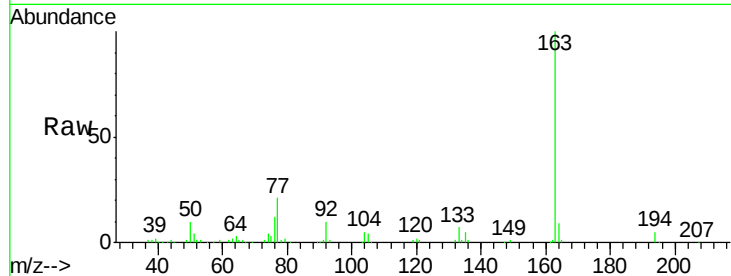
#44
Dimethylphthalate
Concen: 6.89 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM001455.D
Acq: 29 May 2015 22:09

Instrument :
BNA_M
ClientSampleId :
BCRB6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	184784		
194	4.5	3.0	4.6	
164	9.2	8.2	12.4	

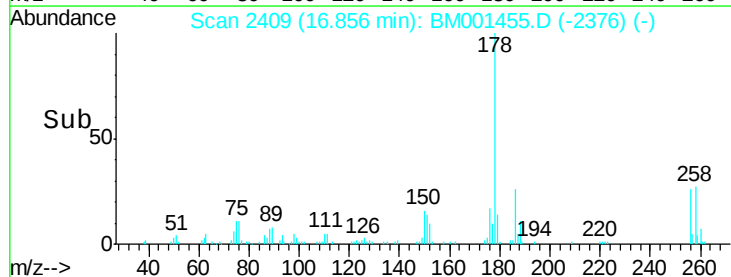
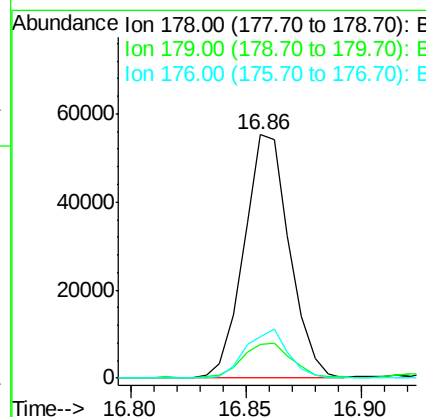
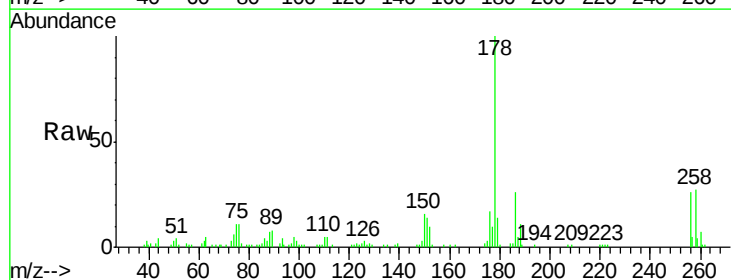
Manual Integrations
APPROVED

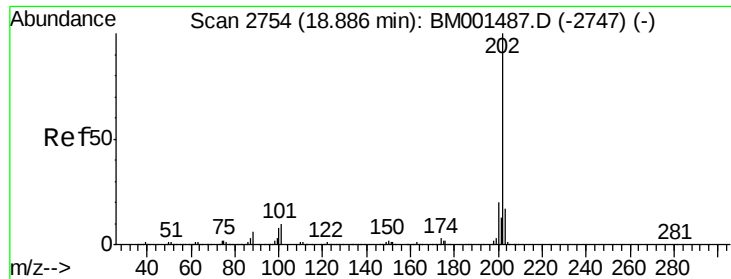
apatel
6/1/2015 4:26:51 PM



#69
Phenanthrene
Concen: 1.85 ng/ul
RT: 16.86 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM001455.D
Acq: 29 May 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	75761		
179	13.9	11.9	17.9	
176	17.2	15.0	22.4	





#74

Fluoranthene

Concen: 4.82 ng/ul

RT: 18.89 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM001455.D

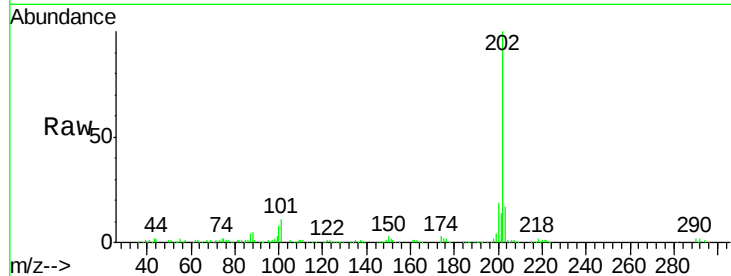
Acq: 29 May 2015 22:09

Instrument :

BNA_M

ClientSampleId :

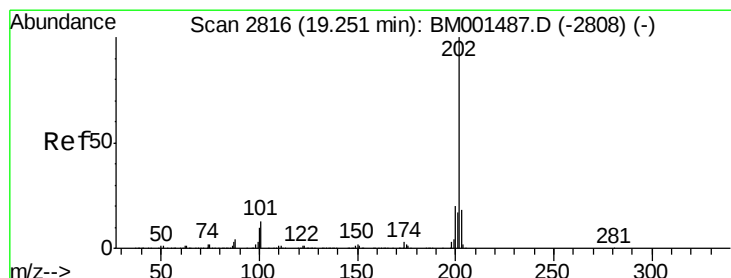
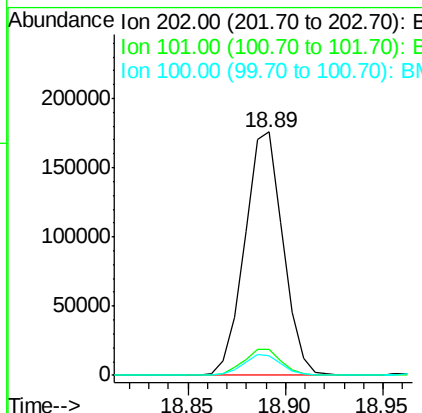
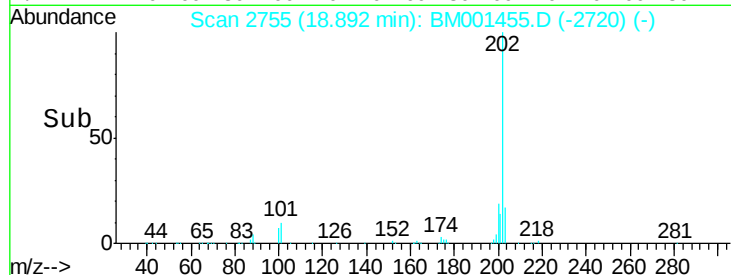
BCRB6



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	238733		
101	10.8	8.6	12.8	
100	8.1	6.5	9.7	

Manual Integrations
APPROVED

apatel
6/1/2015 4:26:51 PM



#77

Pyrene

Concen: 5.87 ng/ul

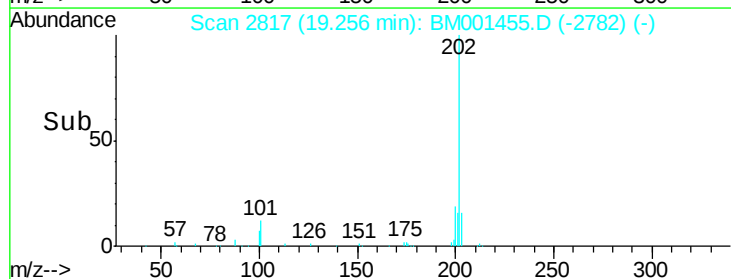
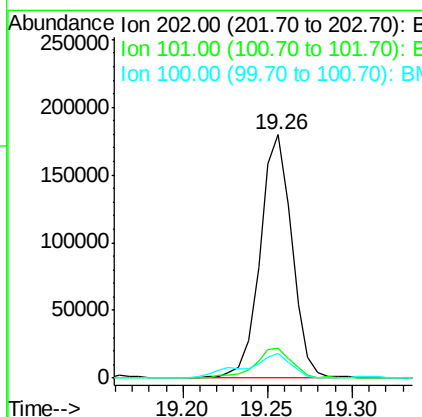
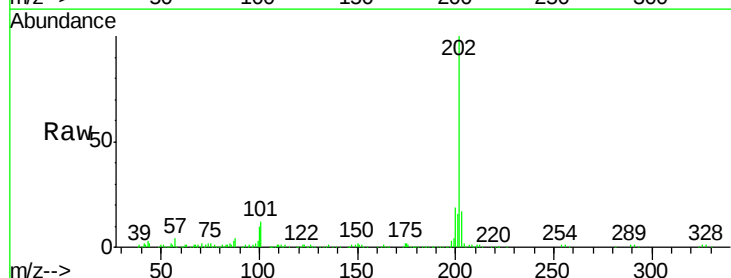
RT: 19.26 min Scan# 2817

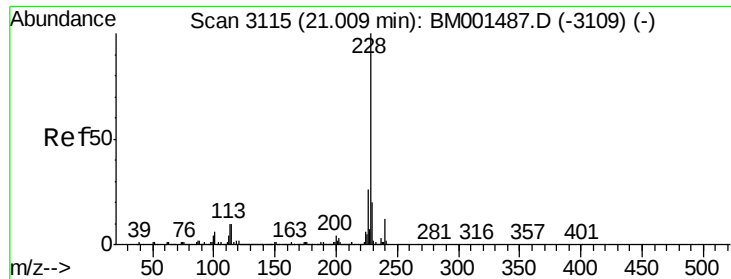
Delta R.T. 0.01 min

Lab File: BM001455.D

Acq: 29 May 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	232965		
101	12.3	10.3	15.5	
100	10.0	8.6	12.8	





#80

Benzo(a)anthracene

Concen: 3.49 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM001455.D

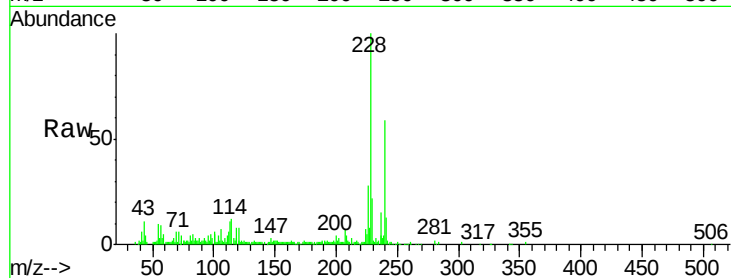
Acq: 29 May 2015 22:09

Instrument :

BNA_M

ClientSampleId :

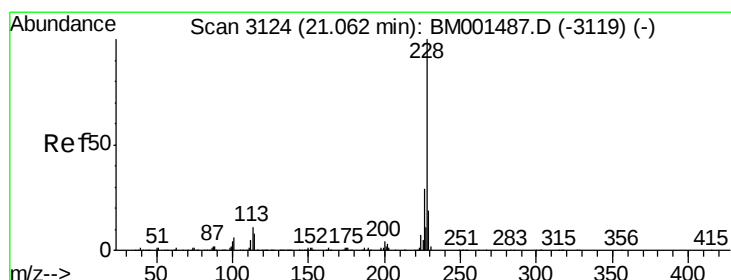
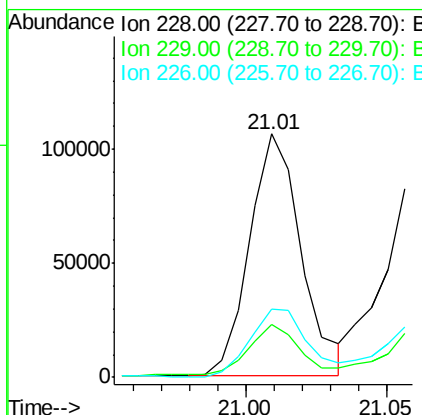
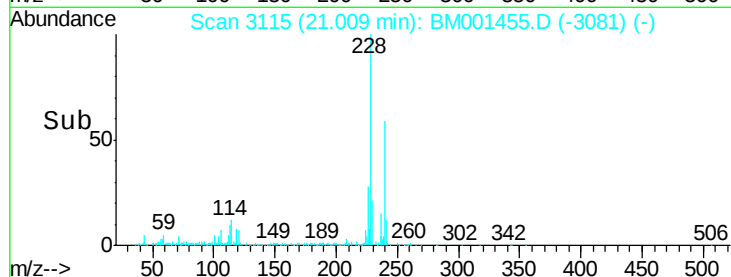
BCRB6



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	135379		
229	21.6	15.8	23.8	
226	28.2	20.6	30.8	

Manual Integrations
APPROVED

apatel
6/1/2015 4:26:51 PM



#82

Chrysene

Concen: 3.61 ng/ul

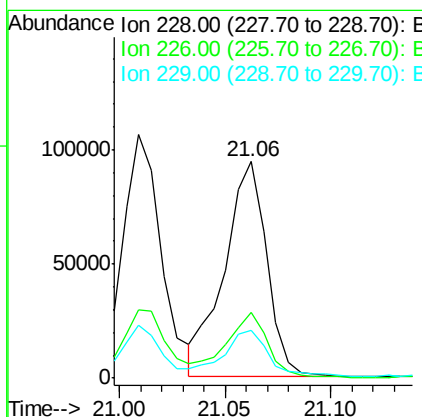
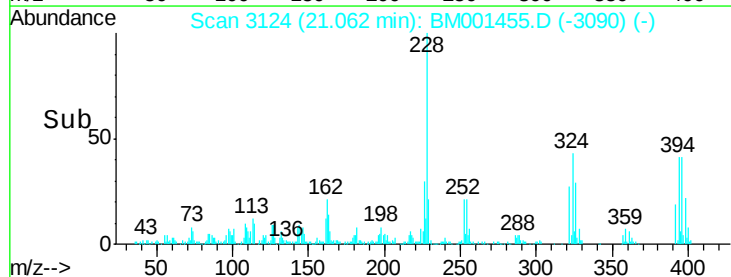
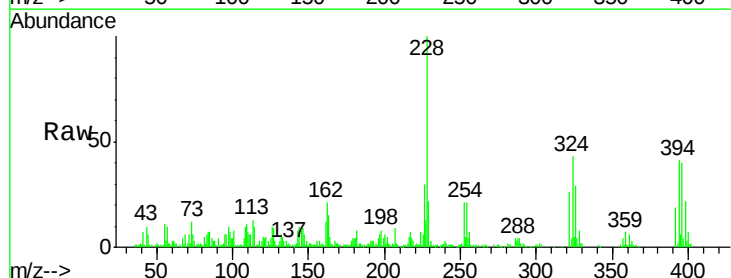
RT: 21.06 min Scan# 3124

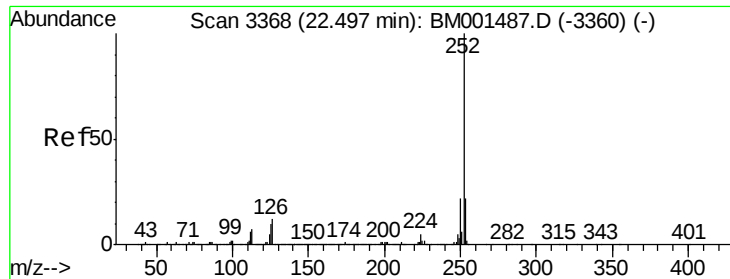
Delta R.T. -0.00 min

Lab File: BM001455.D

Acq: 29 May 2015 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	131609		
226	30.2	23.0	34.4	
229	21.8	15.7	23.5	





#85

Benzo(b)fluoranthene

Concen: 5.29 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM001455.D

Acq: 29 May 2015 22:09

Instrument :

BNA_M

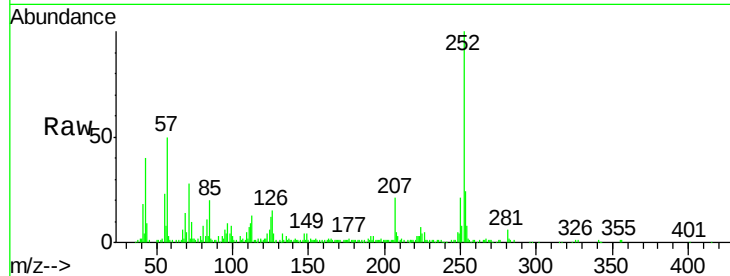
ClientSampleId :

BCRB6

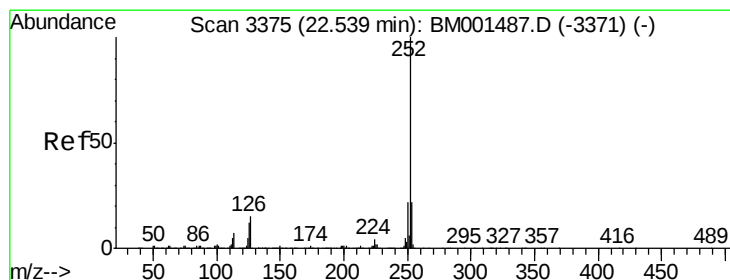
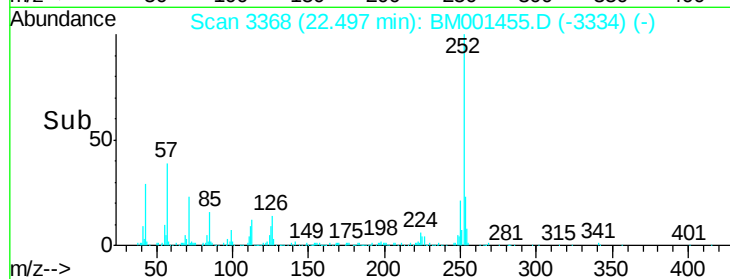
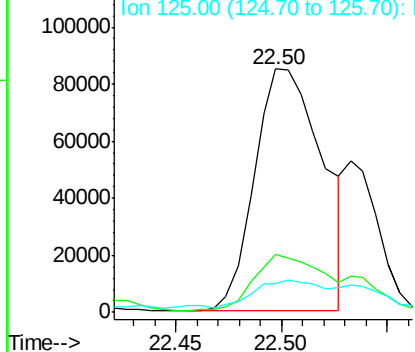
Tgt Ion:	252	Resp:	190131
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.0	27.0
125	11.9	8.6	12.8

Manual Integrations
APPROVED

apatel
6/1/2015 4:26:51 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



#86

Benzo(k)fluoranthene

Concen: 1.70 ng/ul m

RT: 22.53 min Scan# 3374

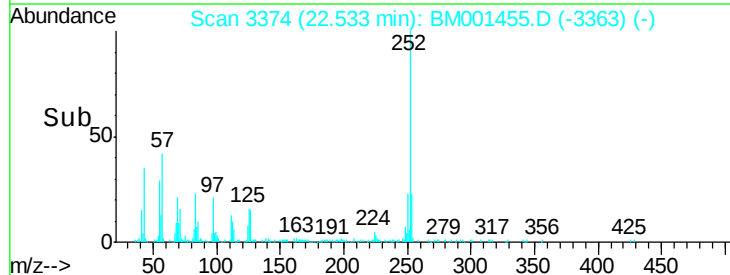
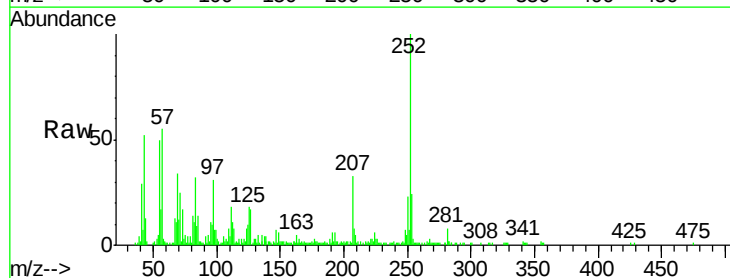
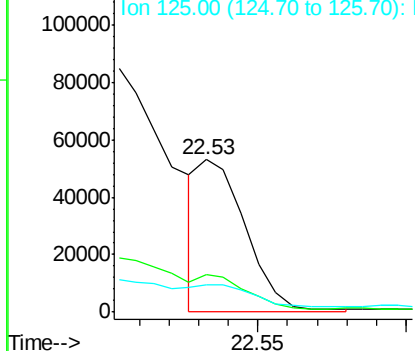
Delta R.T. -0.01 min

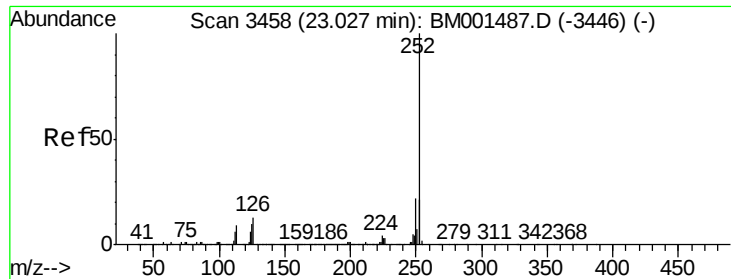
Lab File: BM001455.D

Acq: 29 May 2015 22:09

Tgt Ion:	252	Resp:	58433
Ion Ratio		Lower	Upper
252	100		
253	24.3	17.4	26.0
125	18.2	8.6	13.0#

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





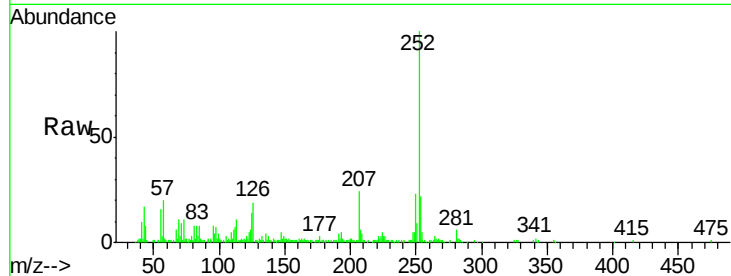
#88
Benzo(a)pyrene
Concen: 3.68 ng/ul
RT: 23.02 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BM001455.D
Acq: 29 May 2015 22:09

Instrument :
BNA_M
ClientSampled :
BCRB6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.0	25.4
125	14.2	8.8	13.2

Manual Integrations
APPROVED

apatel
6/1/2015 4:26:51 PM

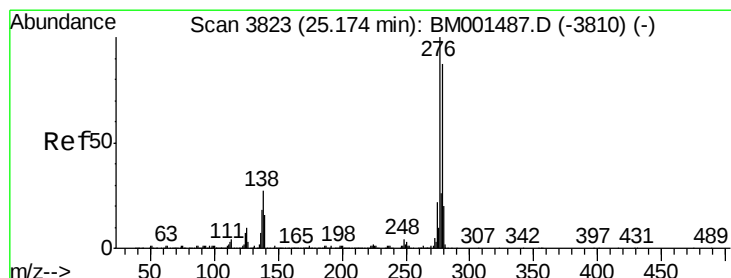
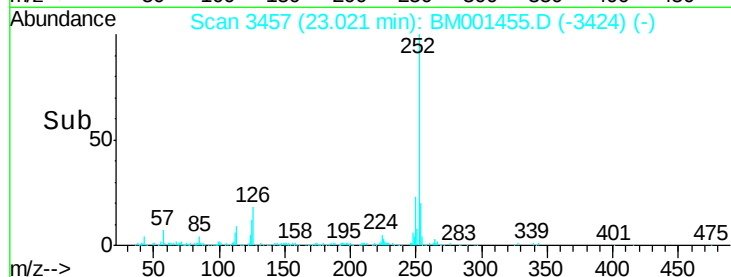
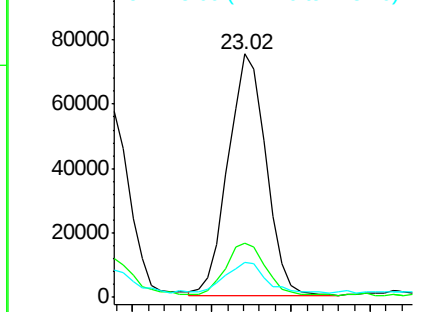


Abundance

Ion 252.00 (251.70 to 252.70): E

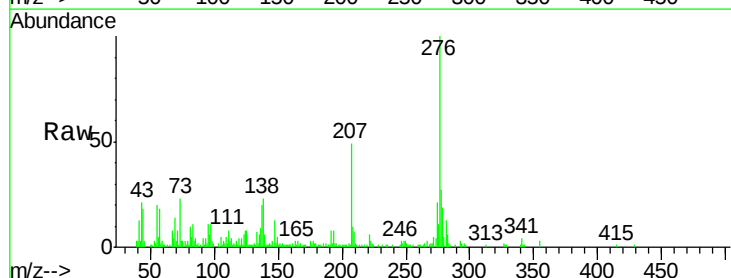
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng/ul
RT: 25.16 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BM001455.D
Acq: 29 May 2015 22:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.7	20.6	31.0
277	26.5	19.2	28.8

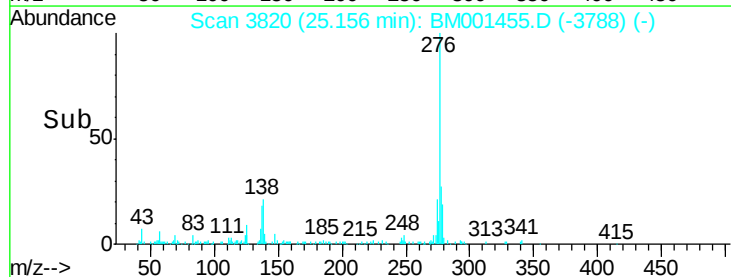
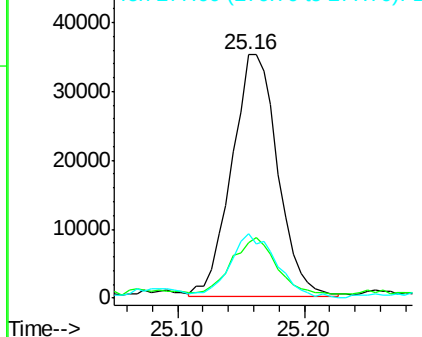


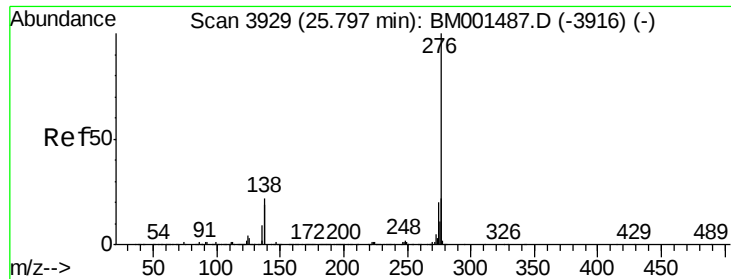
Abundance

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





#91
 Benzo(g,h,i)perylene
 Concen: 3.15 ng/ul
 RT: 25.79 min Scan# 3927
 Delta R.T. -0.01 min
 Lab File: BM001455.D
 Acq: 29 May 2015 22:09

Instrument :
 BNA_M
 ClientSampleId :
 BCRB6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.9	26.9
277	22.3	19.7	29.5

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:26:51 PM

