

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007102.D
 Acq On : 14 Aug 2016 11:38
 Operator : UM/SJ
 Sample : H4387-16
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS004-0612-01

Manual Integrations
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Quant Time: Aug 15 14:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 10:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	293930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1238808	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	717573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1662931	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1997135	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2132230	20.00	ng/ul	-0.01

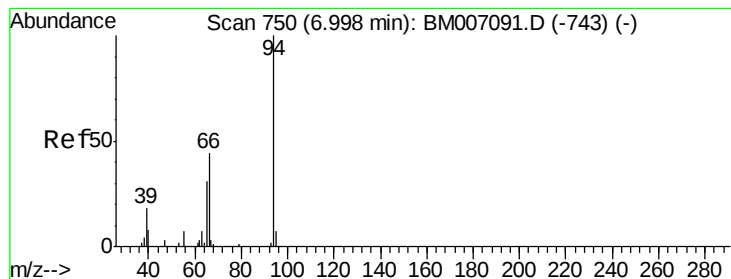
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	37411	5.56	ng/uL	0.00
5) Phenol-d5	6.97	99	738814	31.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	434215	31.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	600751	31.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	569716	29.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	288773	32.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	329729	34.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	610452	30.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	658643	27.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1838820	31.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2275682	31.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	295565	27.81	ng/ul	0.00
57) Fluorene-d10	15.43	176	1606505	31.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	238153	25.92	ng/ul	0.00
70) Anthracene-d10	17.28	188	2488312	32.30	ng/ul	0.00
76) Pyrene-d10	19.57	212	2894854	34.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3245424	33.28	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.00	94	60460	2.41	ng/ul	91
44) Dimethylphthalate	13.90	163	1560880	26.34	ng/ul	98
47) Acenaphthylene	14.16	152	231868	3.16	ng/ul	99
69) Phenanthrene	17.23	178	810347	9.06	ng/ul	99
71) Anthracene	17.32	178	217163	2.37	ng/ul	98
74) Fluoranthene	19.24	202	1469100	13.54	ng/ul	99
77) Pyrene	19.60	202	1921140	17.40	ng/ul	98
80) Benzo(a)anthracene	21.35	228	1015330m	8.60	ng/ul	
82) Chrysene	21.40	228	1064597	9.87	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1161814	9.04	ng/ul	96
86) Benzo(k)fluoranthene	22.99	252	405886m	3.37	ng/ul	
88) Benzo(a)pyrene	23.54	252	966717	7.94	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	636193	4.26	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	173769	1.39	ng/ul#	85
91) Benzo(g,h,i)perylene	26.64	276	614880	4.87	ng/ul	99

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



#6

Phenol

Concen: 2.41 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Instrument :

BNA_M

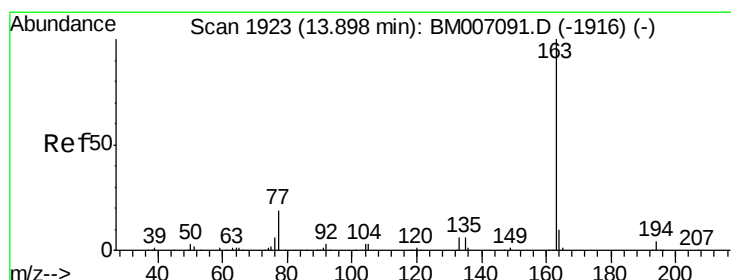
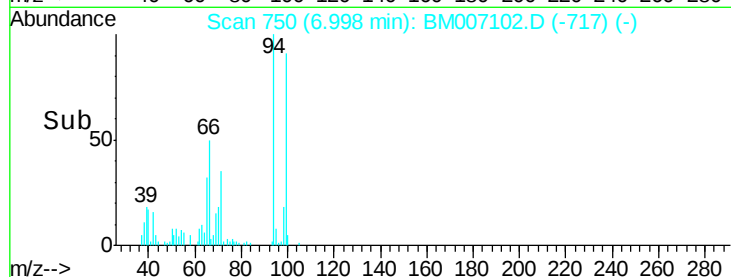
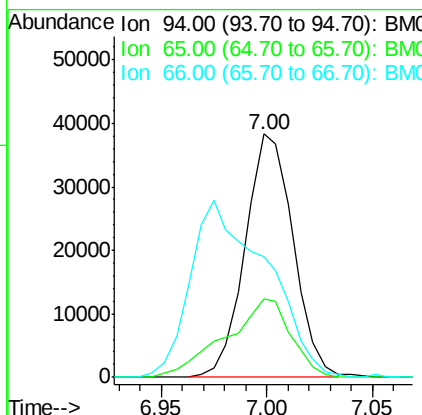
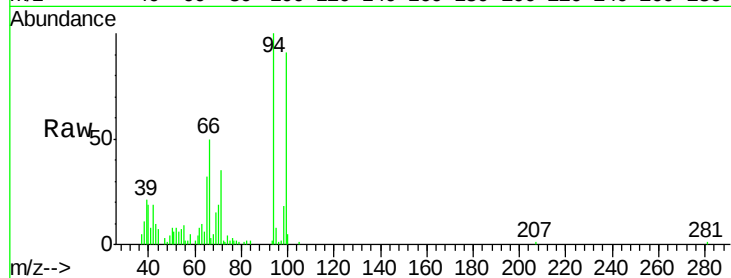
ClientSampleId :

P003-SS004-0612-01

Tgt Ion:	94	Resp:	60460
Ion Ratio	Lower	Upper	
94	100		
65	32.1	23.9	35.9
66	49.6	33.5	50.3

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#44

Dimethylphthalate

Concen: 26.34 ng/ul

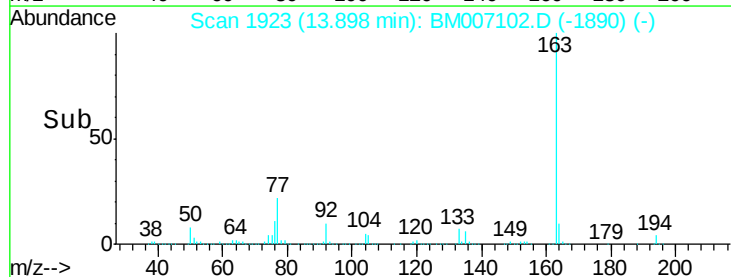
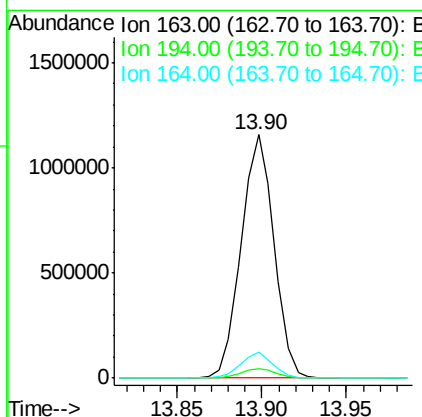
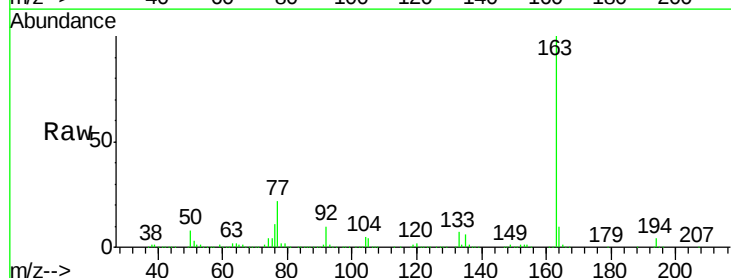
RT: 13.90 min Scan# 1923

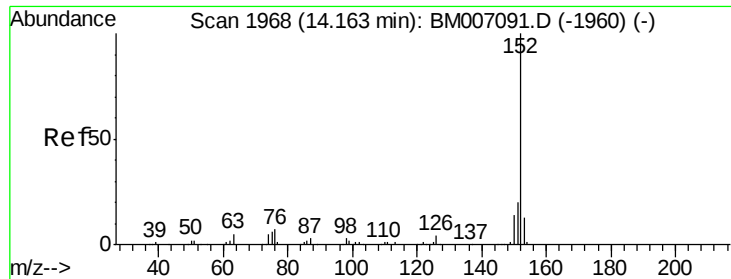
Delta R.T. -0.01 min

Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Tgt Ion:	163	Resp:	1560880
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.5	7.8	11.8





#47

Acenaphthylene

Concen: 3.16 ng/ul

RT: 14.16 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Instrument :

BNA_M

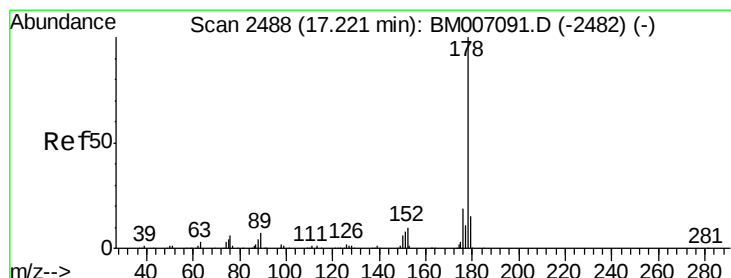
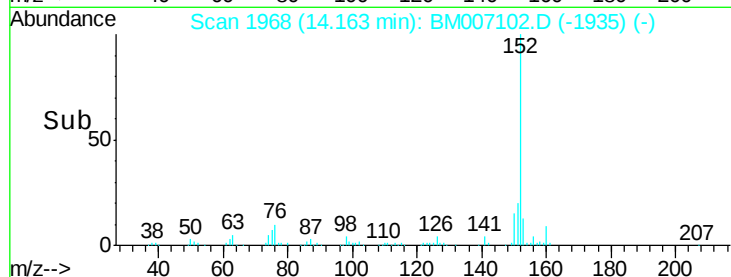
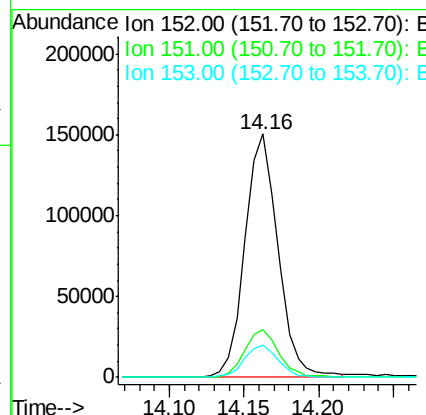
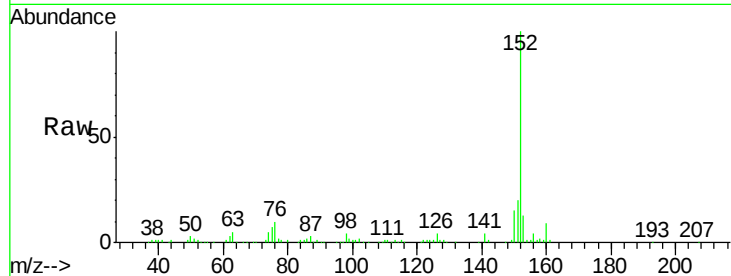
ClientSampleId :

P003-SS004-0612-01

Tgt Ion:	152	Resp:	231868
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.0	24.0
153	13.1	11.0	16.6

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#69

Phenanthrene

Concen: 9.06 ng/ul

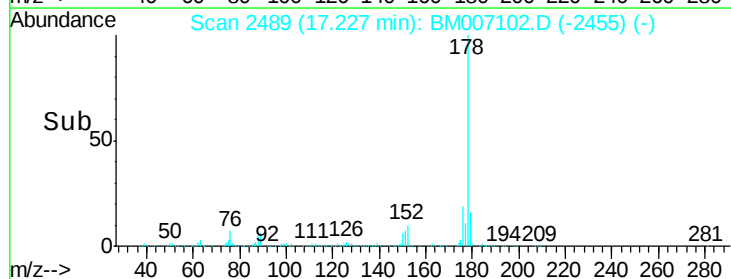
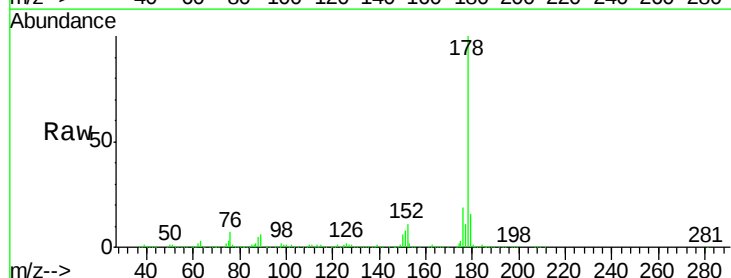
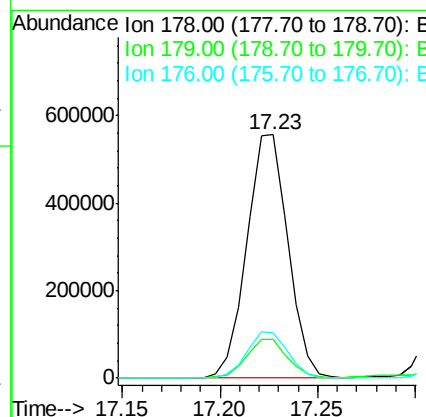
RT: 17.23 min Scan# 2489

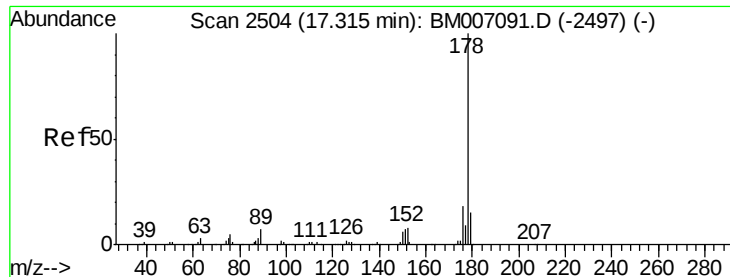
Delta R.T. 0.00 min

Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Tgt Ion:	178	Resp:	810347
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.2
176	18.7	15.1	22.7





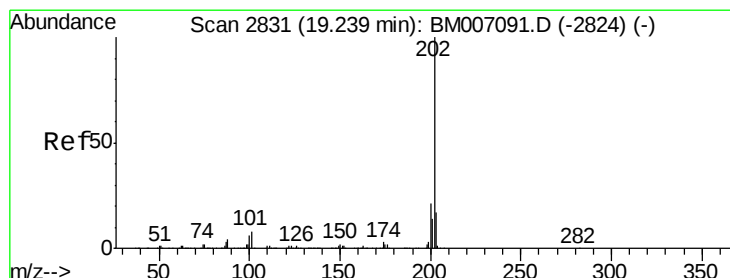
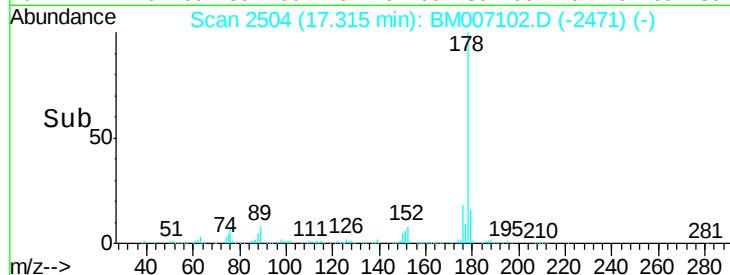
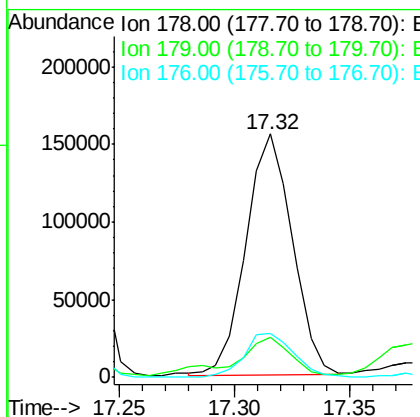
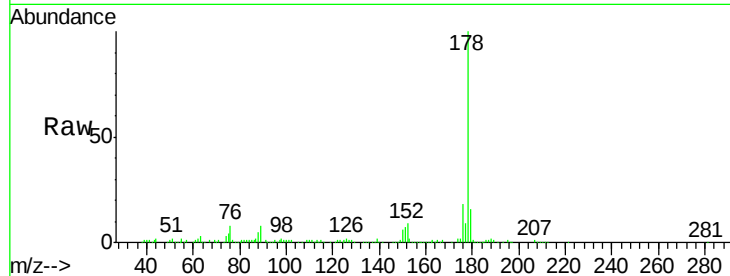
#71
 Anthracene
 Concen: 2.37 ng/ul
 RT: 17.32 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BM007102.D
 Acq: 14 Aug 2016 11:38

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	217163		
179	16.3	12.1	18.1	
176	18.3	14.5	21.7	

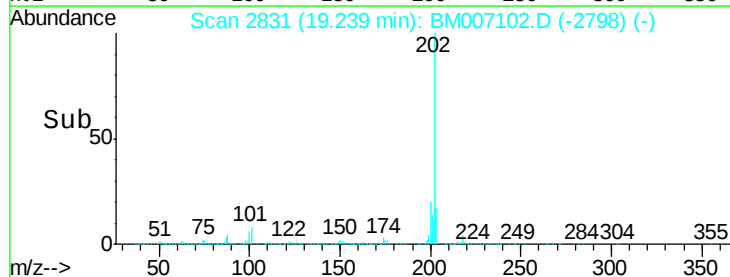
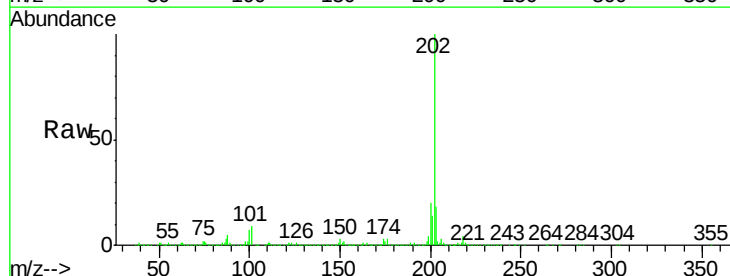
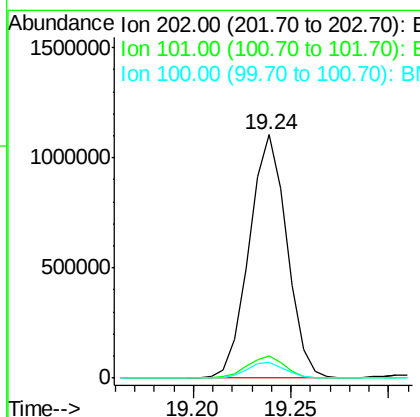
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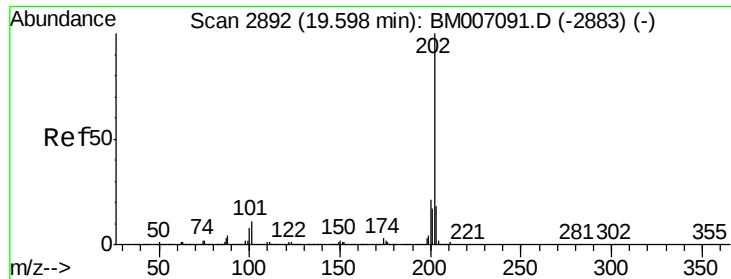
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#74
 Fluoranthene
 Concen: 13.54 ng/ul
 RT: 19.24 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM007102.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1469100		
101	9.1	6.9	10.3	
100	6.5	5.4	8.0	





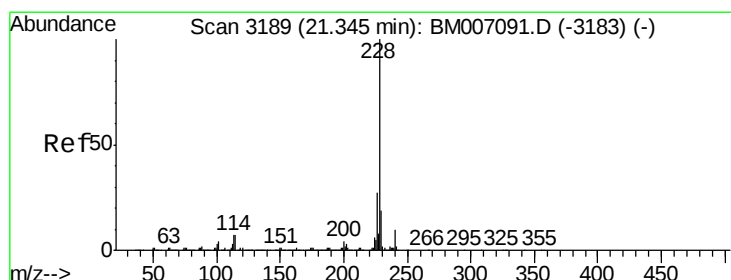
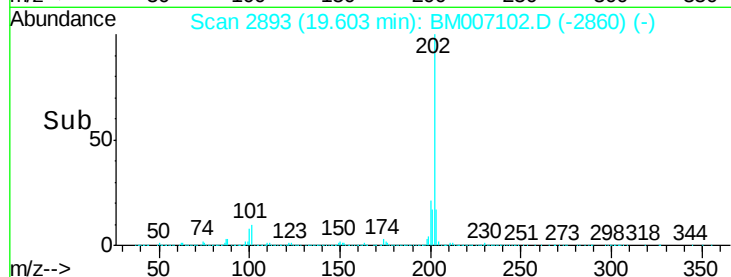
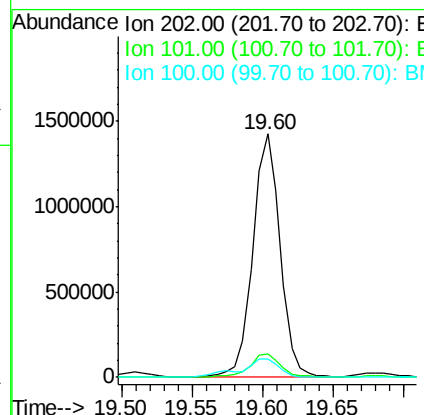
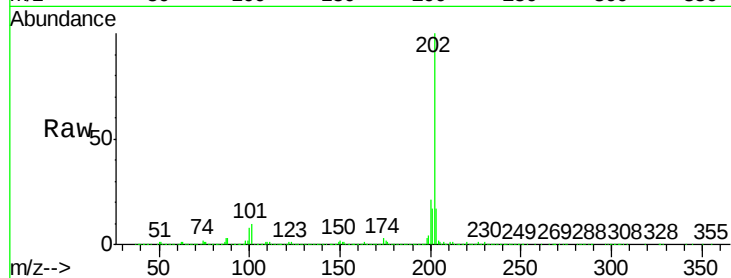
#77
 Pyrene
 Concen: 17.40 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007102.D
 Acq: 14 Aug 2016 11:38

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS004-0612-01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.7	6.9	10.3

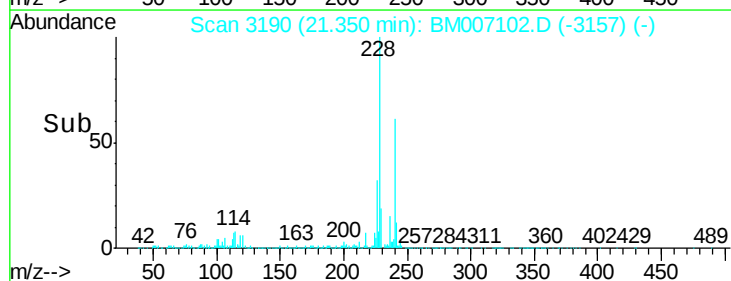
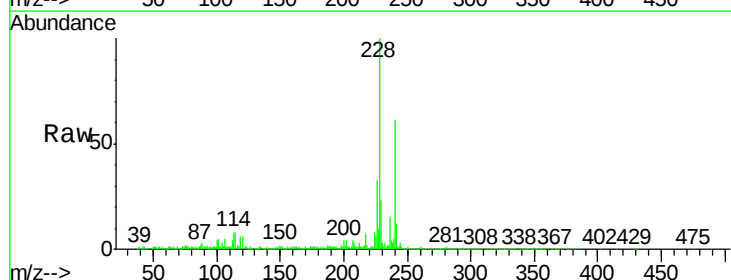
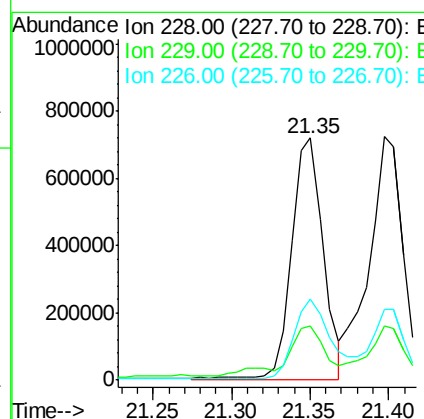
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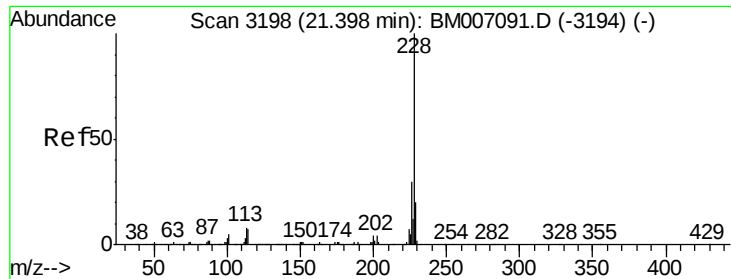
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#80
 Benzo(a)anthracene
 Concen: 8.60 ng/ul m
 RT: 21.35 min Scan# 3190
 Delta R.T. -0.01 min
 Lab File: BM007102.D
 Acq: 14 Aug 2016 11:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.6	23.4
226	33.3	21.8	32.8#





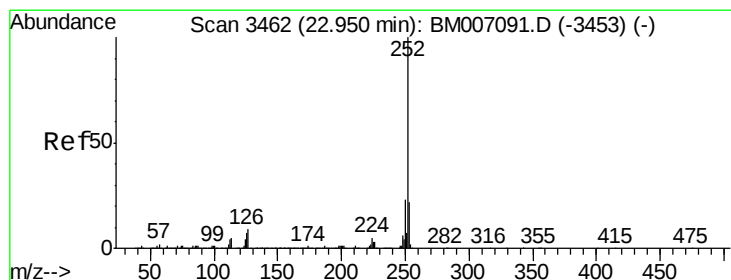
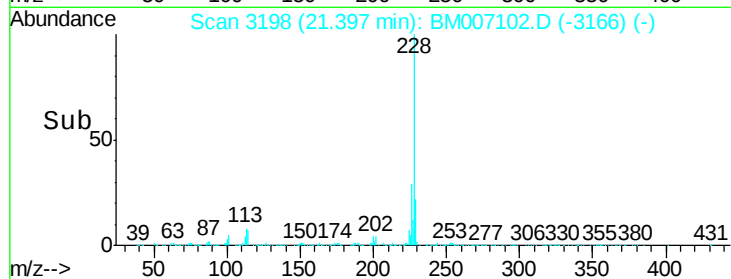
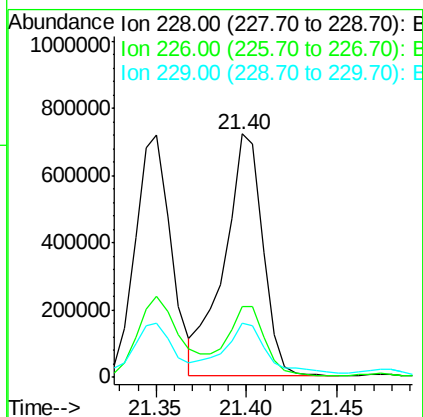
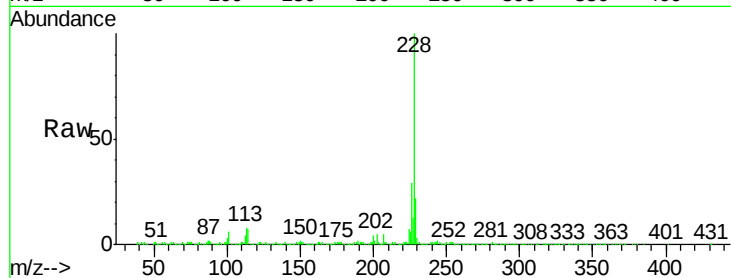
#82
Chrysene
Concen: 9.87 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion: 228 Resp: 1064597
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 22.4 15.5 23.3

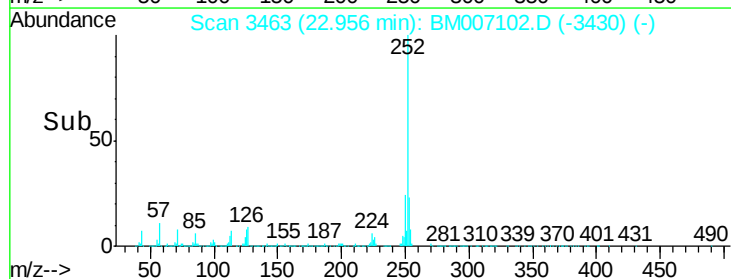
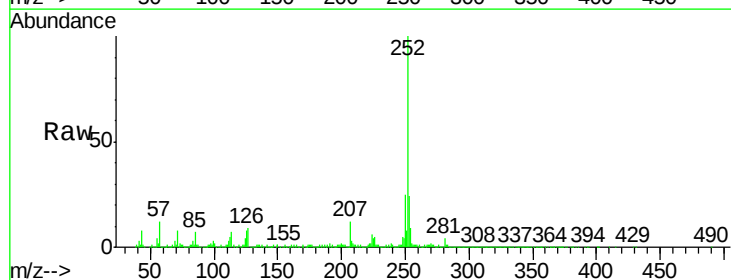
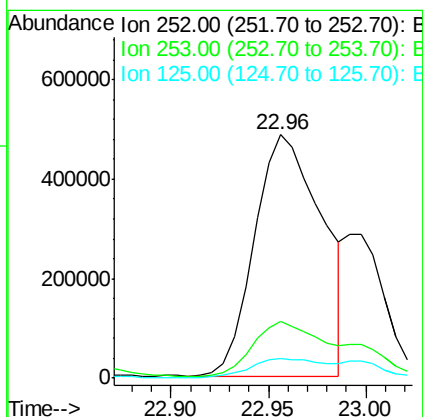
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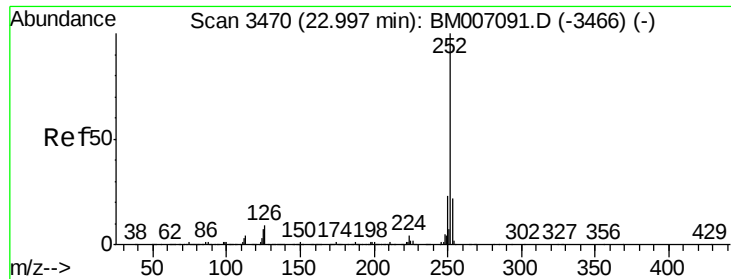
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#85
Benzo(b)fluoranthene
Concen: 9.04 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion: 252 Resp: 1161814
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 8.1 5.8 8.8





#86

Benzo(k)fluoranthene

Concen: 3.37 ng/ul m

RT: 22.99 min Scan# 3469

Delta R.T. -0.02 min

Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Instrument :

BNA_M

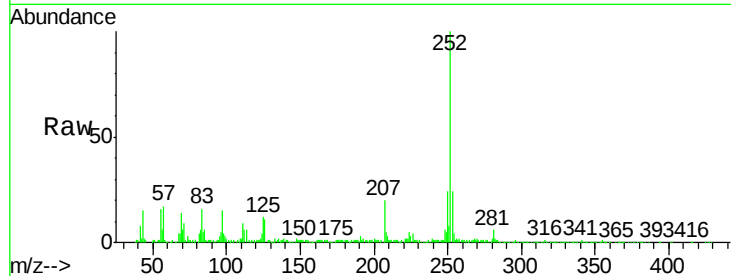
ClientSampleId :

P003-SS004-0612-01

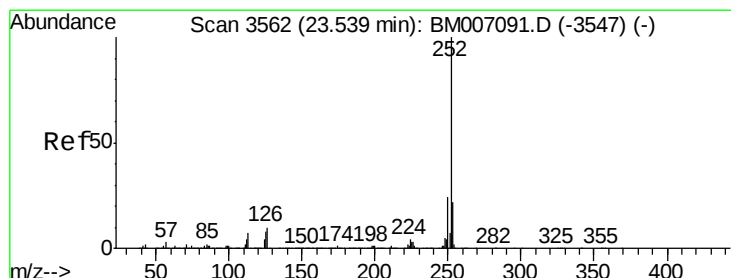
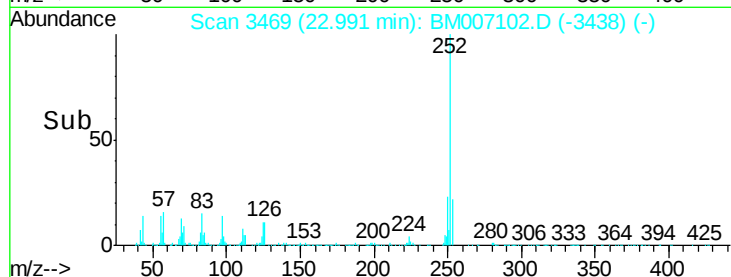
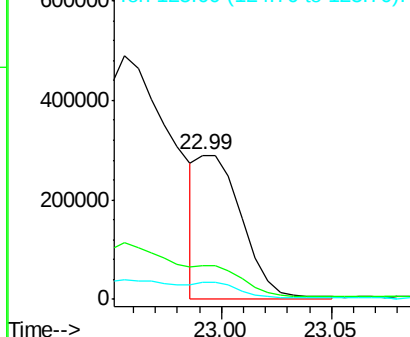
Tgt Ion:	252	Resp:	405886
Ion Ratio		Lower	Upper
252	100		
253	23.6	17.6	26.4
125	11.6	5.7	8.5#

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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: 7.94 ng/ul

RT: 23.54 min Scan# 3563

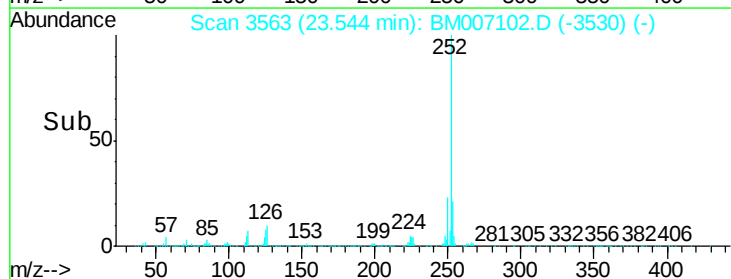
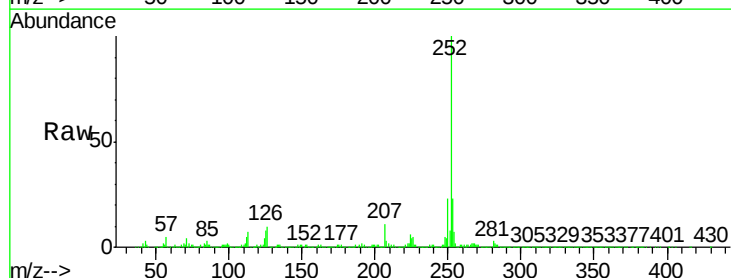
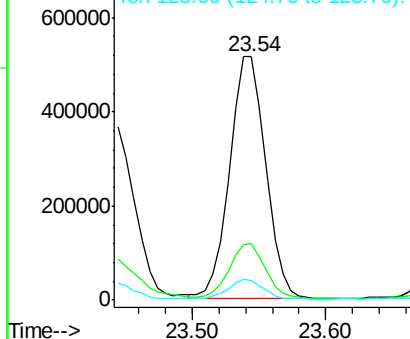
Delta R.T. -0.01 min

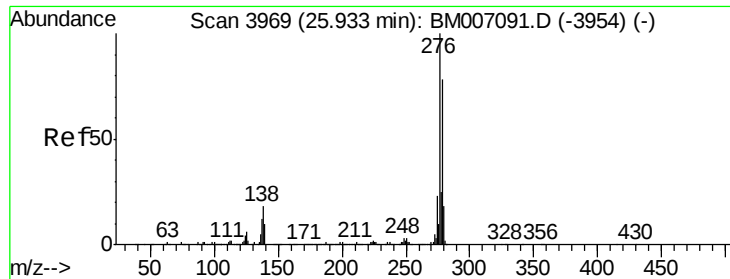
Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Tgt Ion:	252	Resp:	966717
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.7	26.5
125	8.0	6.6	9.8

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





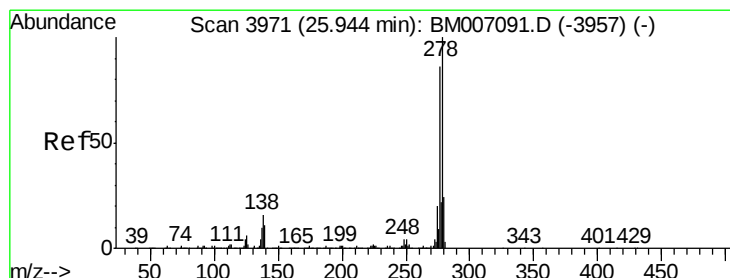
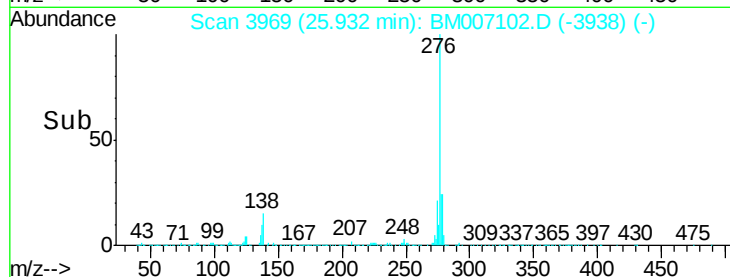
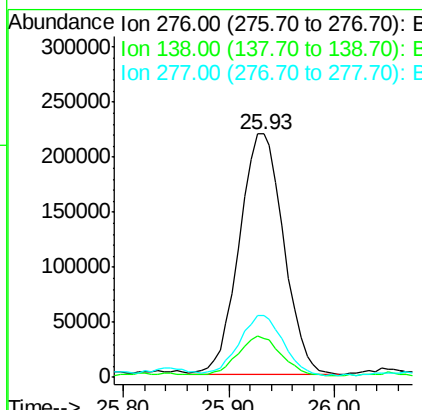
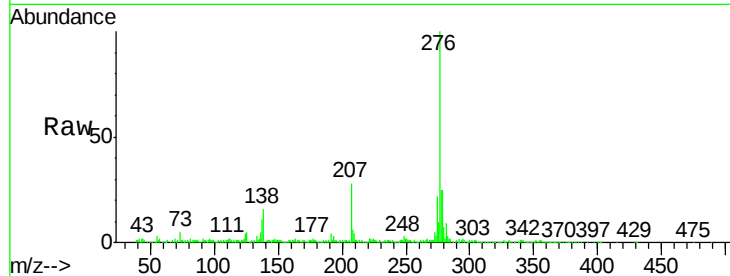
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.26 ng/ul
 RT: 25.93 min Scan# 3969
 Delta R.T. -0.02 min
 Lab File: BM007102.D
 Acq: 14 Aug 2016 11:38

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS004-0612-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.9	20.9
277	25.2	20.1	30.1

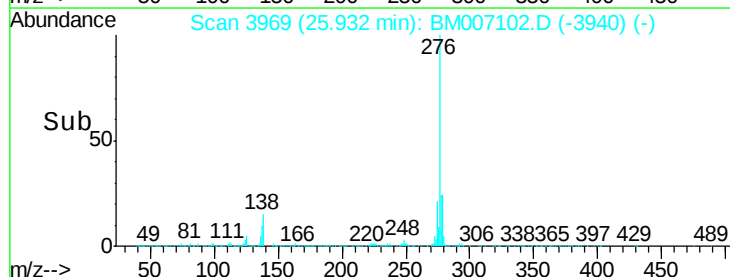
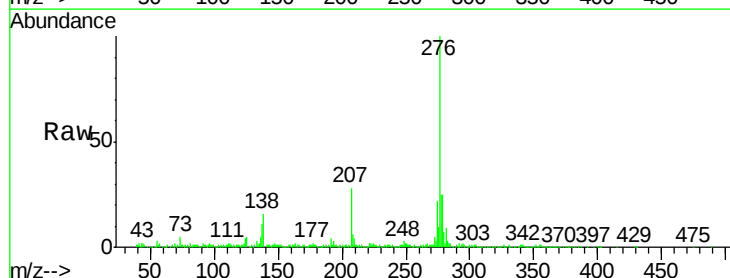
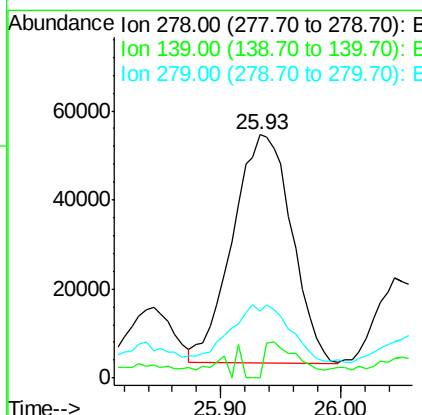
Manual Integrations
 APPROVED

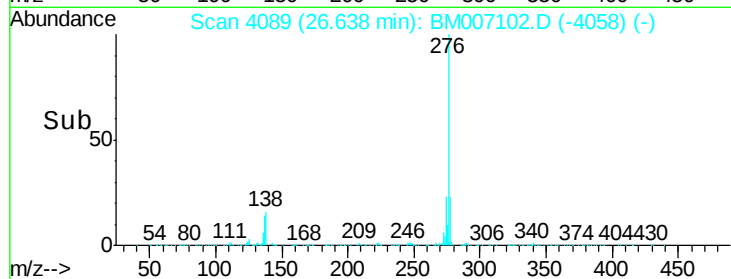
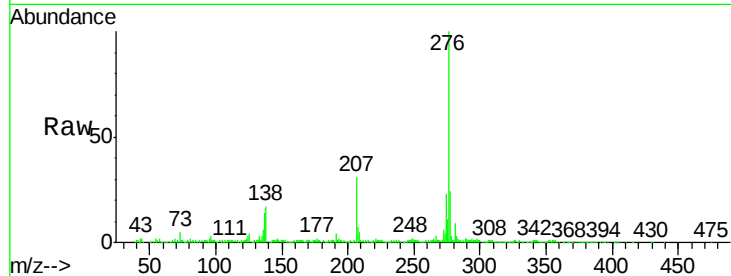
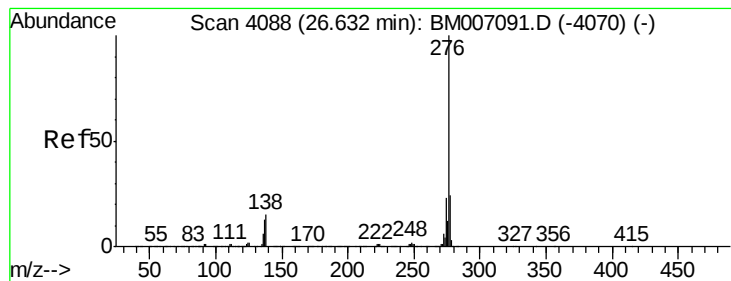
sohil
 8/15/2016 6:55:17 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.39 ng/ul
 RT: 25.93 min Scan# 3969
 Delta R.T. -0.03 min
 Lab File: BM007102.D
 Acq: 14 Aug 2016 11:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.5	14.3#
279	27.5	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 4.87 ng/ul

RT: 26.64 min Scan# 4089

Delta R.T. -0.02 min

Lab File: BM007102.D

Acq: 14 Aug 2016 11:38

Instrument :

BNA_M

ClientSampleId :

P003-SS004-0612-01

Tgt Ion:	276	Resp:	614880
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.5	20.3
277	24.3	19.3	28.9

Manual Integrations
APPROVED

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