

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012032.D
 Acq On : 10 Oct 2017 02:52
 Operator : SJ/JU
 Sample : I5414-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BN5

Manual Integrations
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 10/10/2017 5:05:54 PM

Quant Time: Oct 10 03:57:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 02:27:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	195121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	865492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	535189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1324658	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1811370	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1856446	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	18790m	4.55	ng/uL	0.00
5) Phenol-d5	7.00	99	307447	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	194426	19.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	271826	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	273355	18.84	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	125014	20.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	137293	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	292112	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	263063m	17.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1008558	21.74	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1196484	21.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	85508	10.55	ng/ul	0.00
57) Fluorene-d10	15.48	176	907933	22.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	122707	13.77	ng/ul	0.00
70) Anthracene-d10	17.33	188	1449754	22.21	ng/ul	0.00
76) Pyrene-d10	19.63	212	1896268	23.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2024375	22.67	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.03	94	28615	1.723 ng/ul	96
44) Dimethylphthalate	13.95	163	186382	4.177 ng/ul	100
47) Acenaphthylene	14.22	152	71376	1.351 ng/ul	98
69) Phenanthrene	17.28	178	488344	6.702 ng/ul	99
74) Fluoranthene	19.29	202	944396	10.623 ng/ul#	91
77) Pyrene	19.66	202	827171	8.236 ng/ul#	89
80) Benzo(a)anthracene	21.40	228	338878	3.266 ng/ul	97
82) Chrysene	21.44	228	538869	5.465 ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	691494	6.128 ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	253454m	2.250 ng/ul	
88) Benzo(a)pyrene	23.63	252	376518	3.473 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.09	276	291788	2.515 ng/ul#	93
91) Benzo(g,h,i)perylene	26.81	276	235705	2.456 ng/ul#	91

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

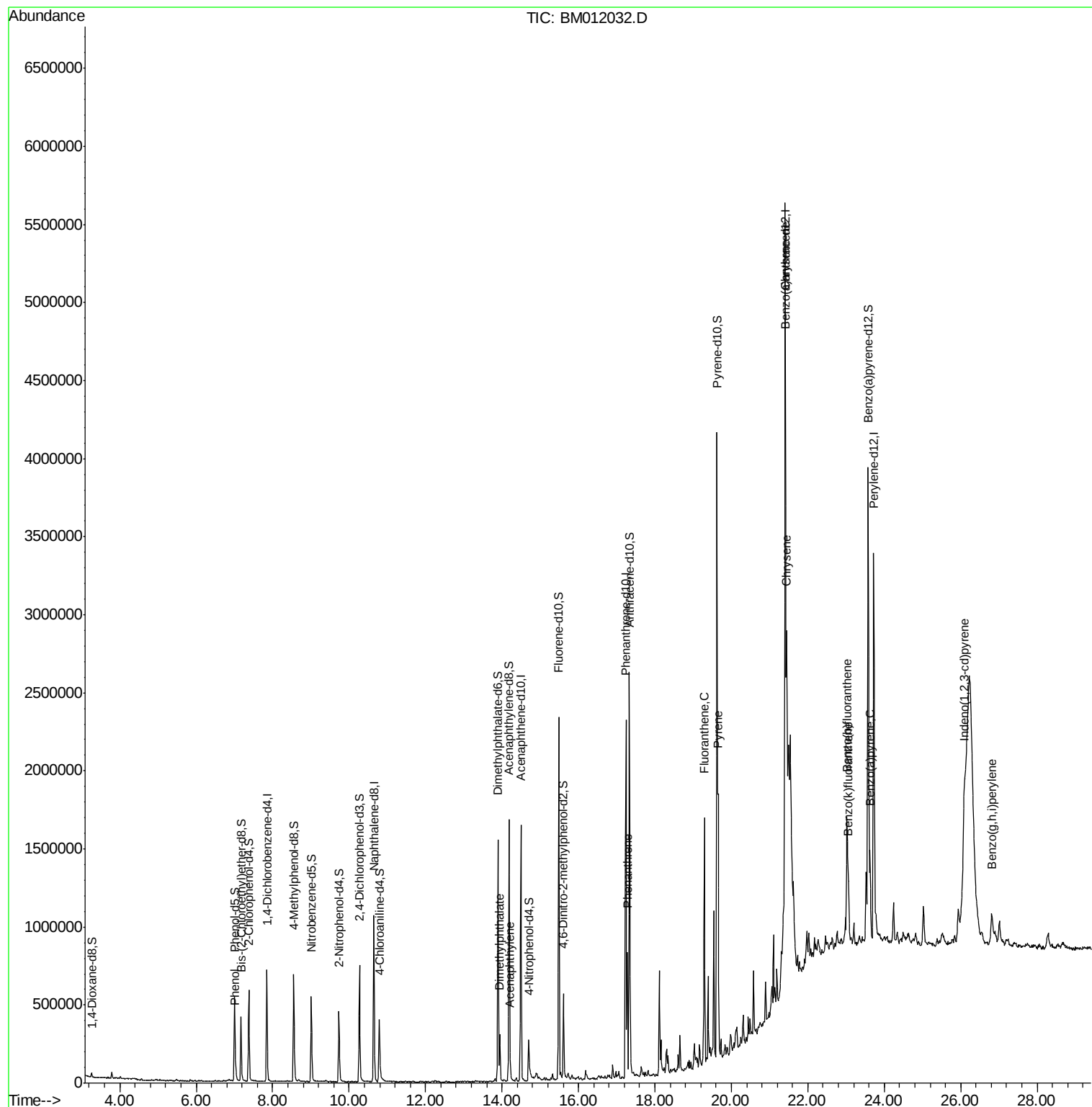
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012032.D
Acq On : 10 Oct 2017 02:52
Operator : SJ/JU
Sample : I5414-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

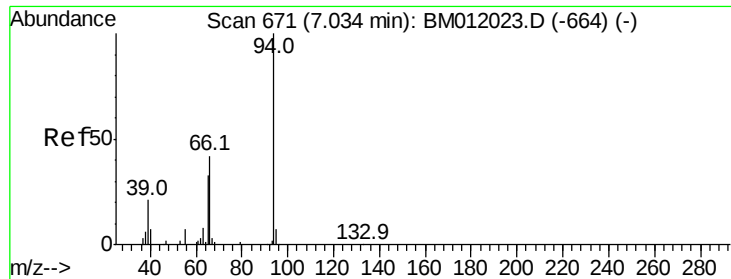
Instrument :
BNA_M
ClientSampleId :
B0BN5

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Quant Time: Oct 10 03:57:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.723 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Instrument :

BNA_M

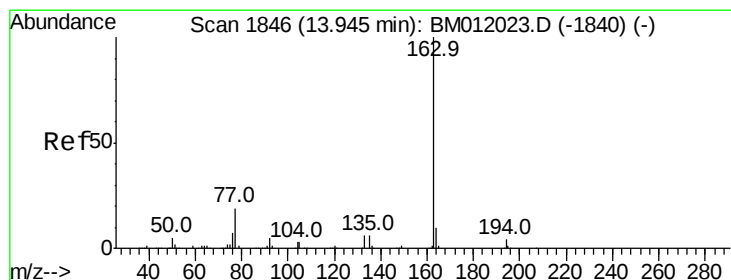
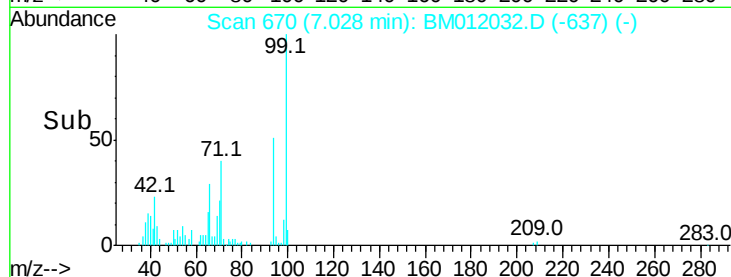
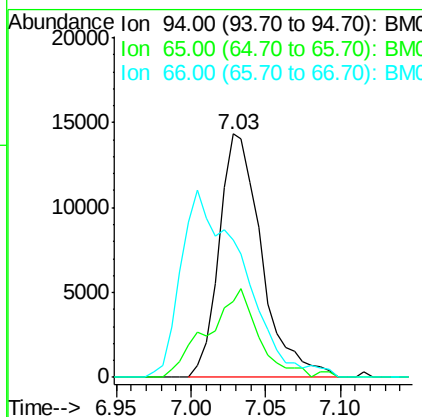
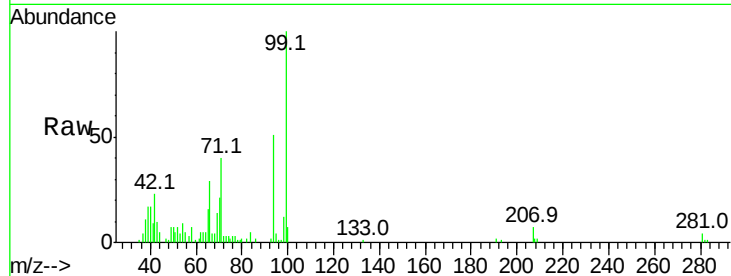
ClientSampleId :

B0BN5

Tot Ion:	94	Resp:	28615
Ion Ratio	Lower	Upper	
94	100		
65	31.4	28.2	42.4
66	56.6	47.2	70.8

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#44

Dimethylphthalate

Concen: 4.177 ng/ul

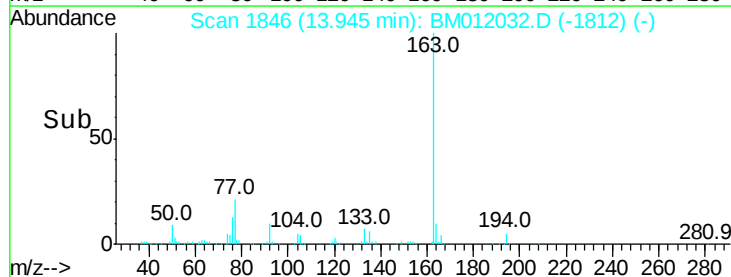
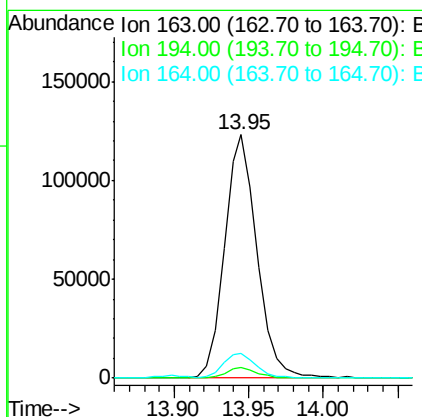
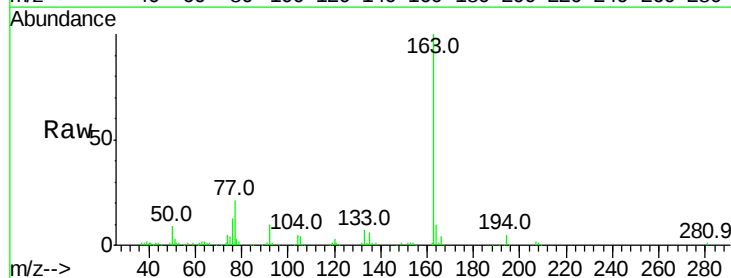
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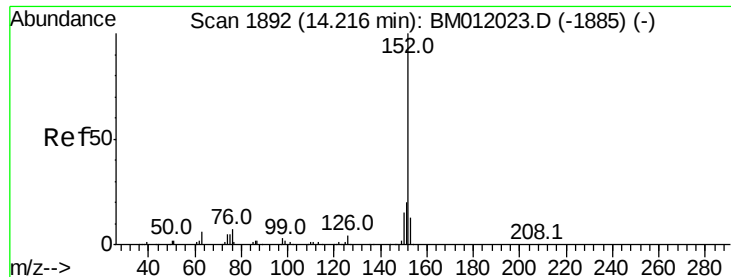
Delta R.T. 0.00 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Tgt Ion:	163	Resp:	186382
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.3	8.2	12.4





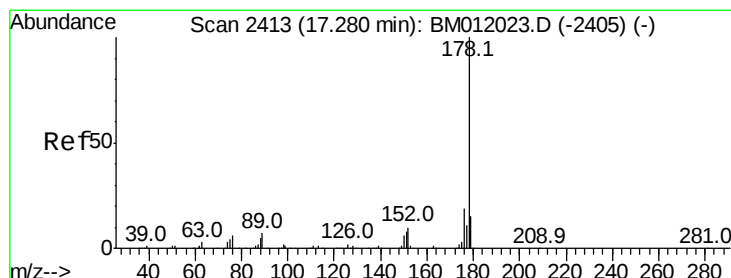
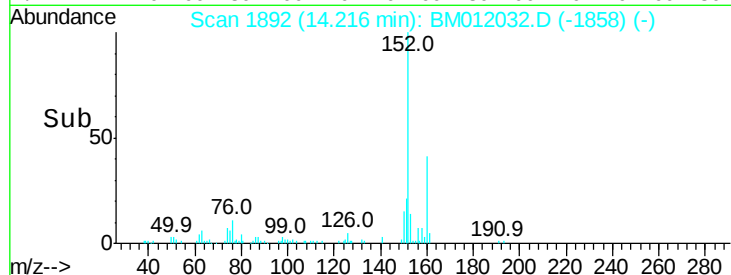
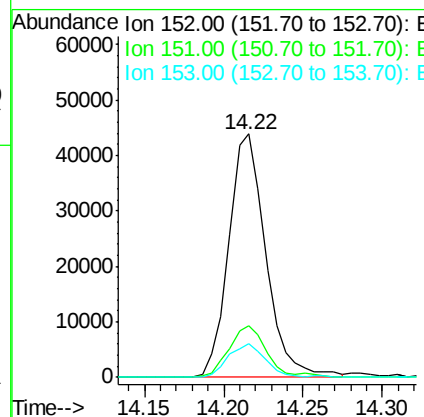
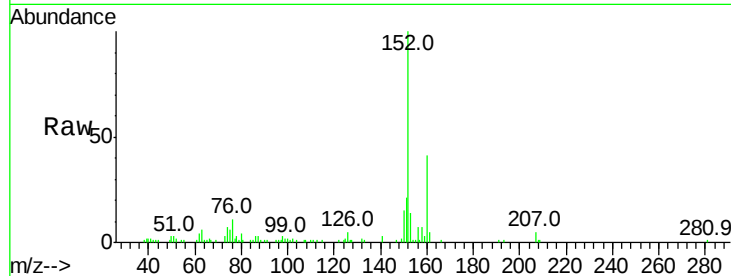
#47
Acenaphthylene
Concen: 1.351 ng/ul
RT: 14.22 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM012032.D
Acq: 10 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :
B0BN5

Tot Ion:	152	Resp:	71376
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	14.1	10.2	15.4

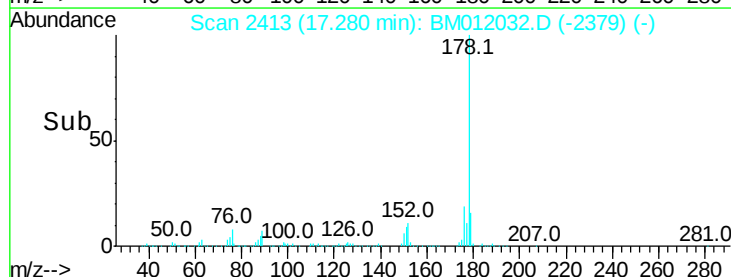
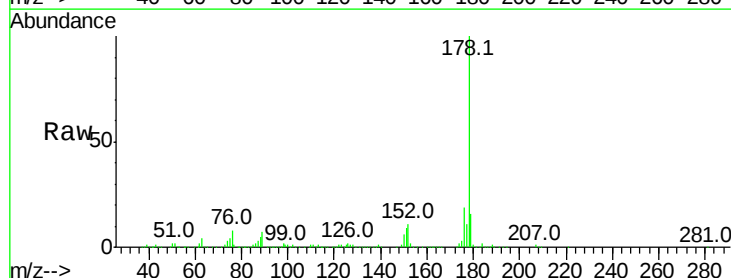
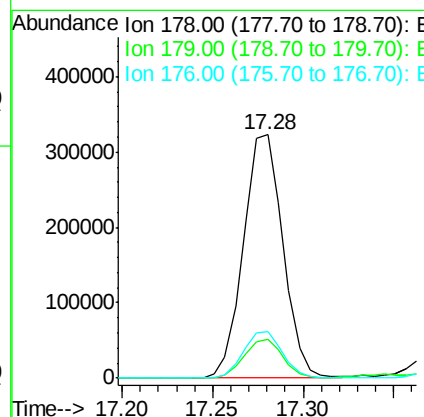
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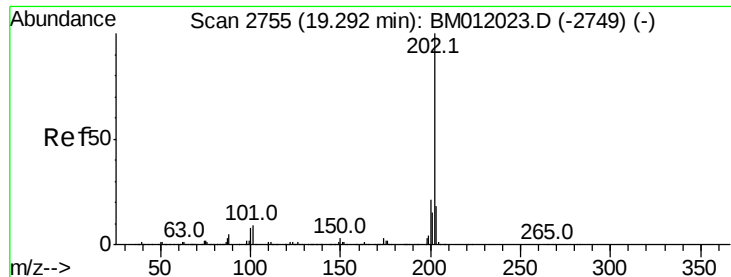
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#69
Phenanthrene
Concen: 6.702 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM012032.D
Acq: 10 Oct 2017 02:52

Tgt Ion:	178	Resp:	488344
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.0	14.9	22.3





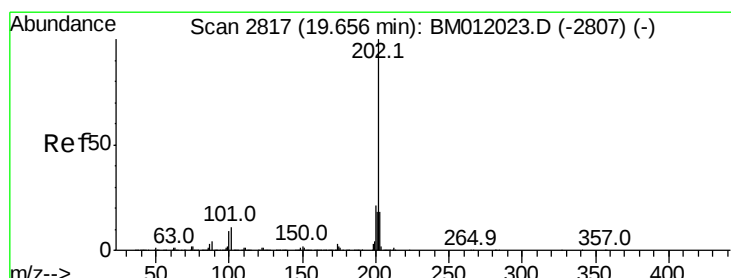
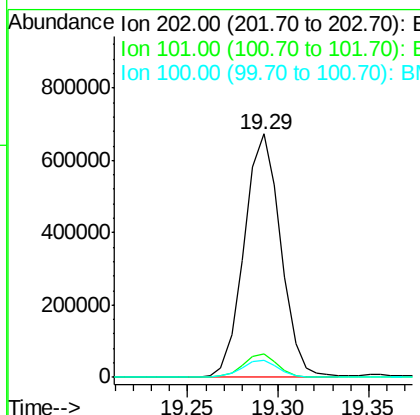
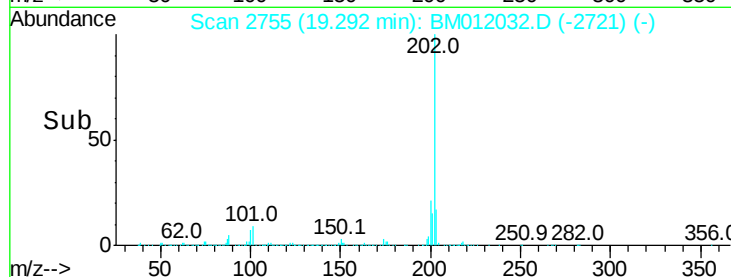
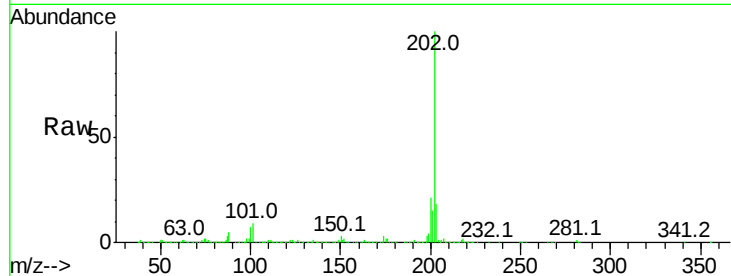
#74
 Fluoranthene
 Concen: 10.623 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM012032.D
 Acq: 10 Oct 2017 02:52

Instrument :
 BNA_M
 ClientSampleId :
 B0BN5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	4.6	7.0#
100	6.8	3.4	5.2#

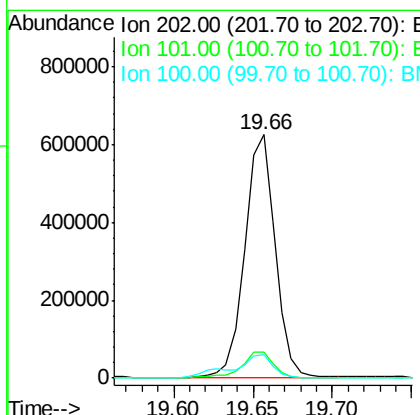
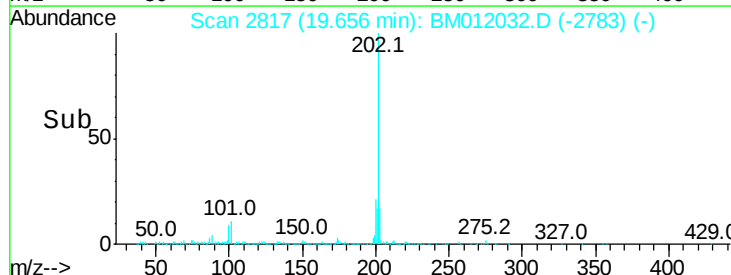
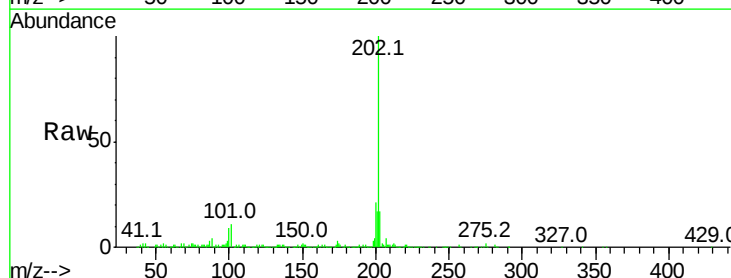
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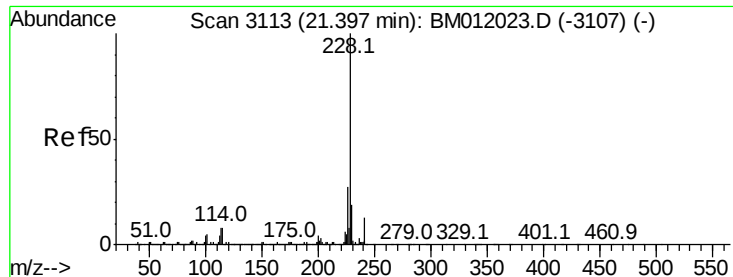
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#77
 Pyrene
 Concen: 8.236 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM012032.D
 Acq: 10 Oct 2017 02:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	5.1	7.7#
100	9.4	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 3.266 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Instrument :

BNA_M

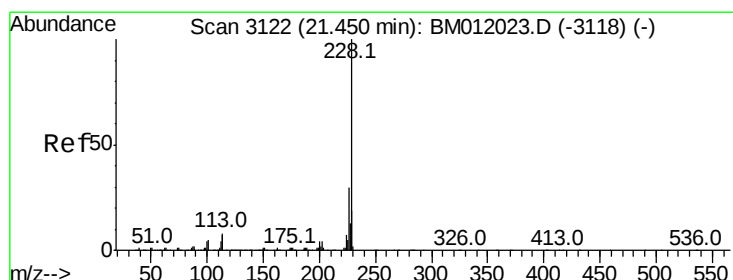
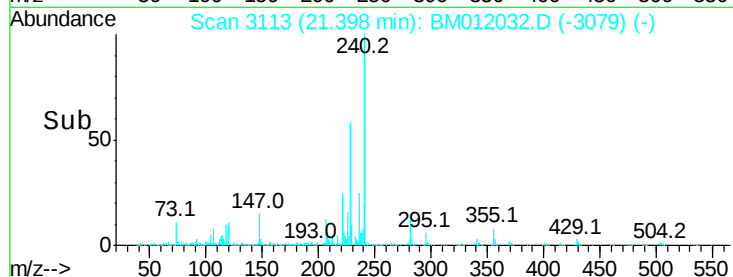
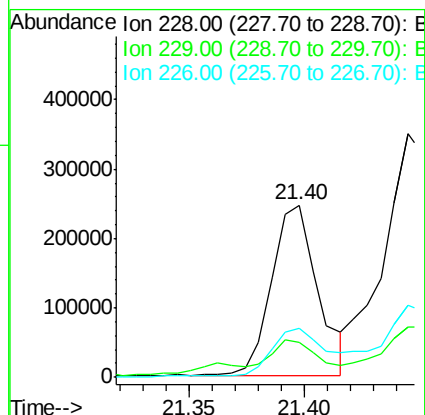
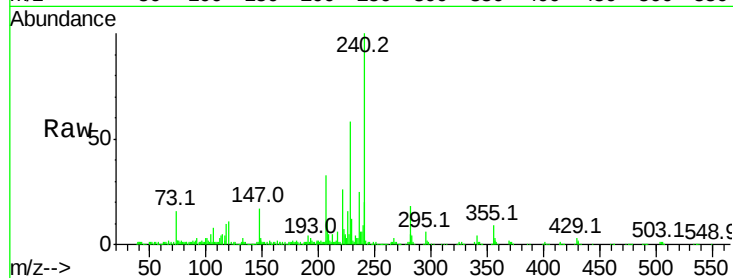
ClientSampleId :

B0BN5

Tot Ion:	228	Resp:	338878
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	28.2	21.4	32.0

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#82

Chrysene

Concen: 5.465 ng/ul

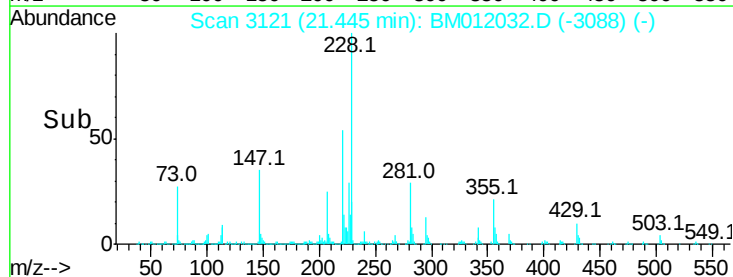
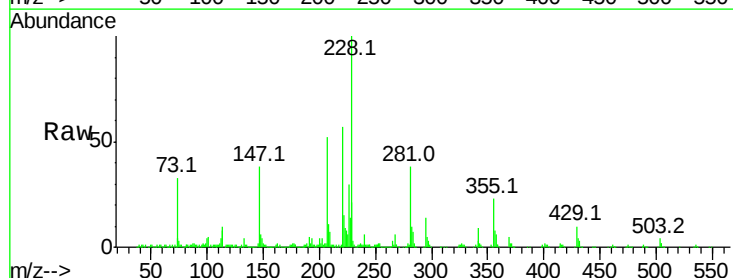
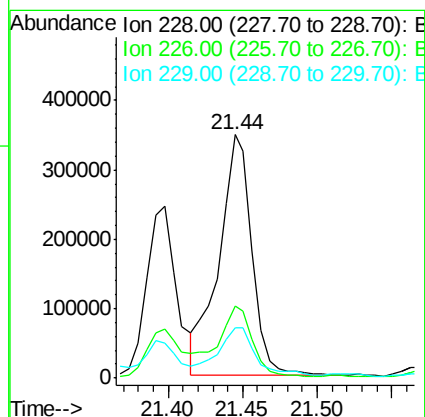
RT: 21.44 min Scan# 3121

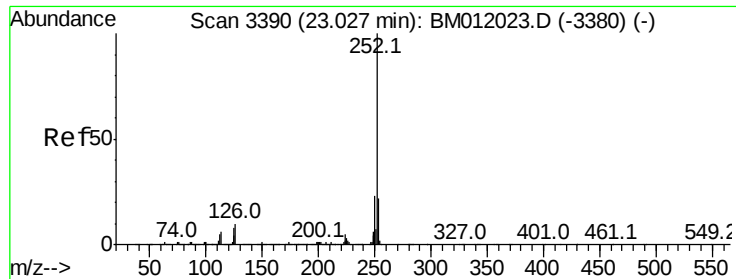
Delta R.T. -0.01 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Tgt Ion:	228	Resp:	538869
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	20.7	15.5	23.3





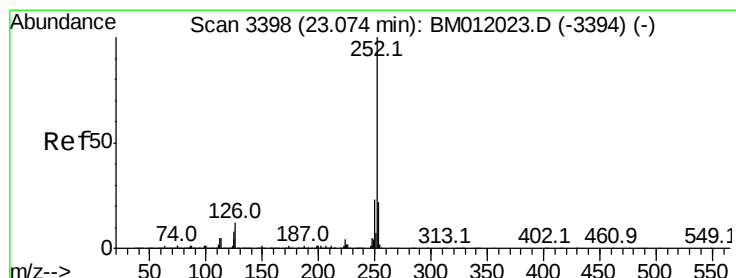
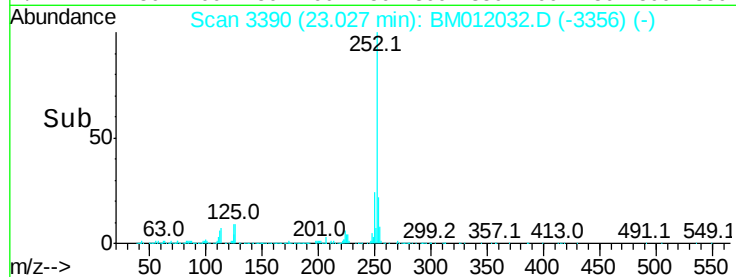
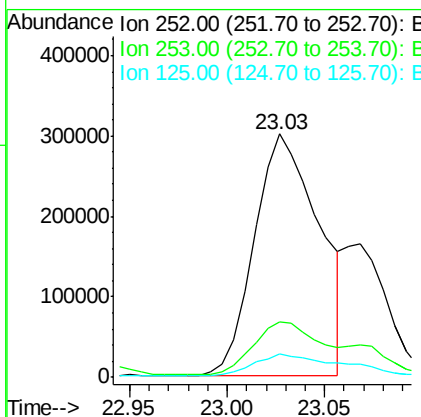
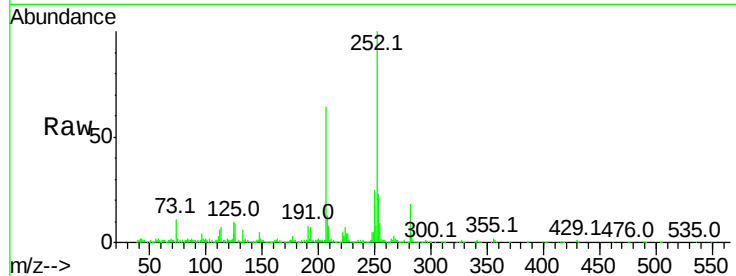
#85
Benzo(b)fluoranthene
Concen: 6.128 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM012032.D
Acq: 10 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :
B0BN5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.6	3.6	5.4

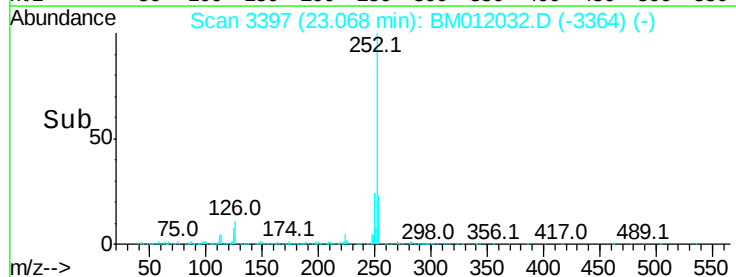
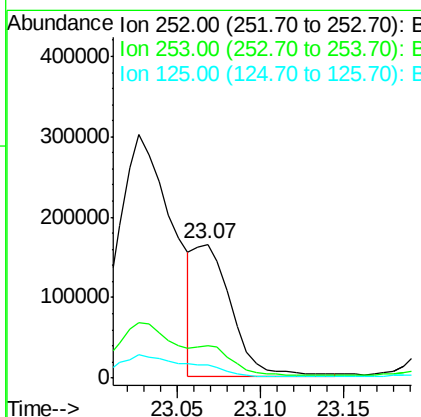
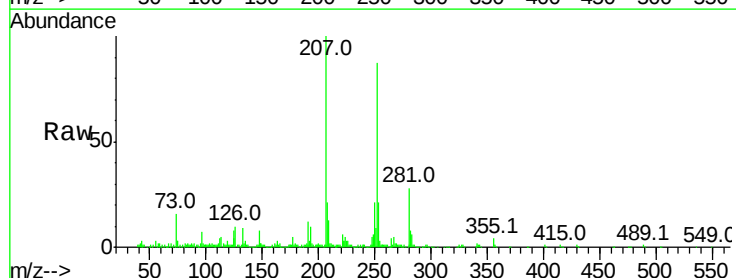
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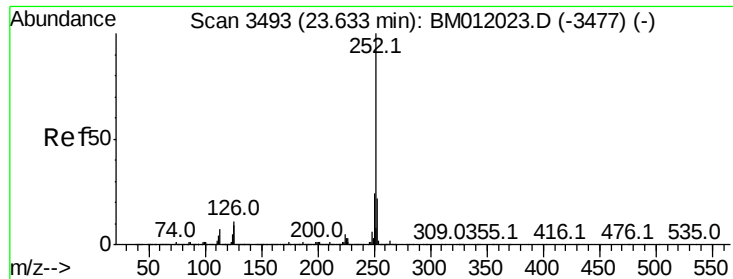
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#86
Benzo(k)fluoranthene
Concen: 2.250 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM012032.D
Acq: 10 Oct 2017 02:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	9.4	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.473 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Instrument :

BNA_M

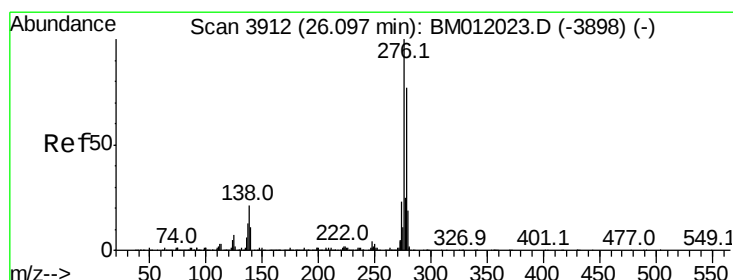
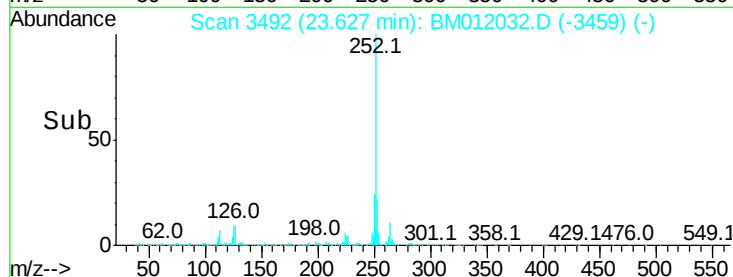
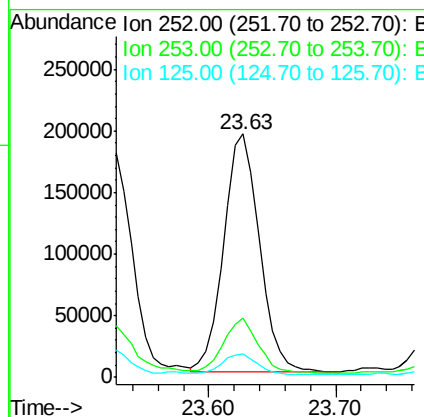
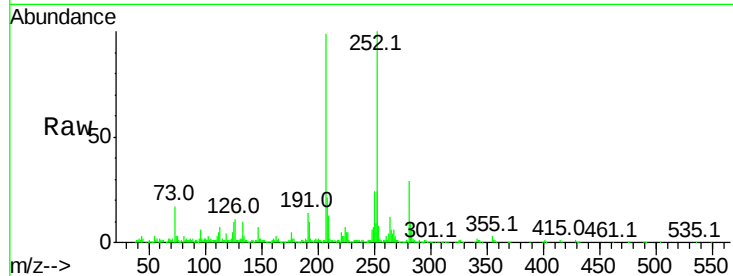
ClientSampleId :

B0BN5

Tot Ion:	252	Resp:	376518
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.2
125	9.6	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.515 ng/ul

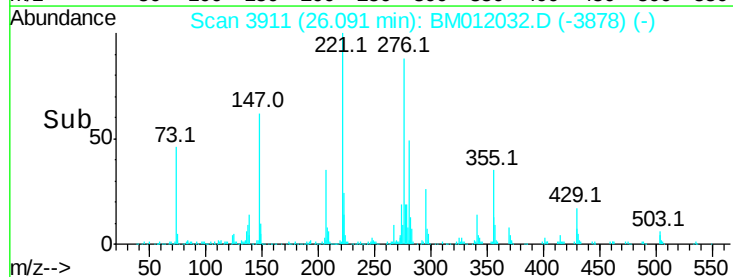
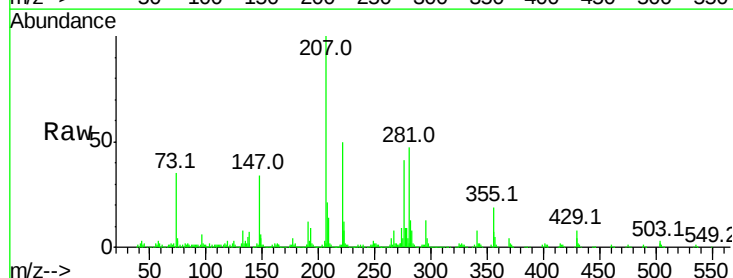
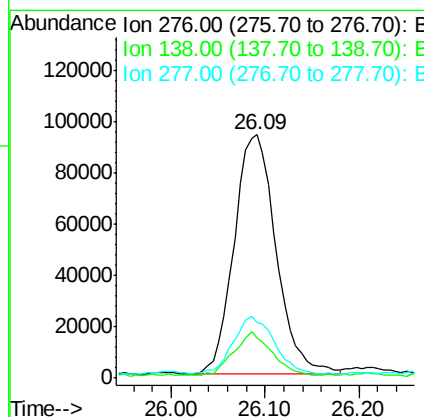
RT: 26.09 min Scan# 3911

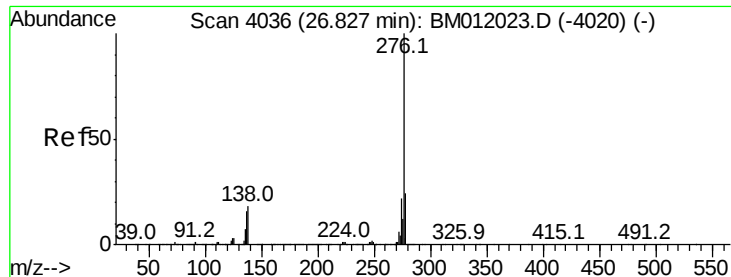
Delta R.T. -0.01 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Tgt Ion:	276	Resp:	291788
Ion Ratio	Lower	Upper	
276	100		
138	16.5	9.3	13.9#
277	23.0	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.456 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM012032.D

Acq: 10 Oct 2017 02:52

Instrument :

BNA_M

ClientSampleId :

B0BN5

Tot Ion:	276	Resp:	235705
Ion Ratio	Lower	Upper	
276	100		
138	19.4	8.5	12.7#
277	24.2	18.6	28.0

Manual Integrations
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