

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012055.D
 Acq On : 10 Oct 2017 23:00
 Operator : SJ/JU
 Sample : I5669-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3J8

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:23 PM

Quant Time: Oct 11 03:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	281538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1245379	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	765681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1823047	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2137823	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1848138	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	9681m	1.63	ng/uL	0.00
5) Phenol-d5	7.00	99	173429	7.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	203062	14.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	202046	10.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	178764	8.54	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	127137	14.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	65056	6.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	156270	7.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	17991	0.82	ng/ul	0.02
43) Dimethylphthalate-d6	13.89	166	547000	8.24	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1196962	15.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	415	0.04	ng/ul	-0.16
57) Fluorene-d10	15.48	176	883446	15.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	1685	0.14	ng/ul	0.02
70) Anthracene-d10	17.33	188	1339735	14.91	ng/ul	0.00
76) Pyrene-d10	19.62	212	1657681	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1206209	13.57	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.70	128	64886	1.039	ng/ul	98
44) Dimethylphthalate	13.95	163	163163	2.556	ng/ul	99
69) Phenanthrene	17.27	178	764135	7.620	ng/ul	99
71) Anthracene	17.37	178	160150	1.570	ng/ul	99
74) Fluoranthene	19.29	202	1573824	12.863	ng/ul#	92
77) Pyrene	19.66	202	1422162	11.998	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	854035	6.973	ng/ul	98
82) Chrysene	21.44	228	815909	7.012	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	1101914	9.809	ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	335061m	2.988	ng/ul	
88) Benzo(a)pyrene	23.62	252	632018	5.855	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	388537	3.364	ng/ul#	94
91) Benzo(g,h,i)perylene	26.81	276	336369	3.520	ng/ul#	91

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

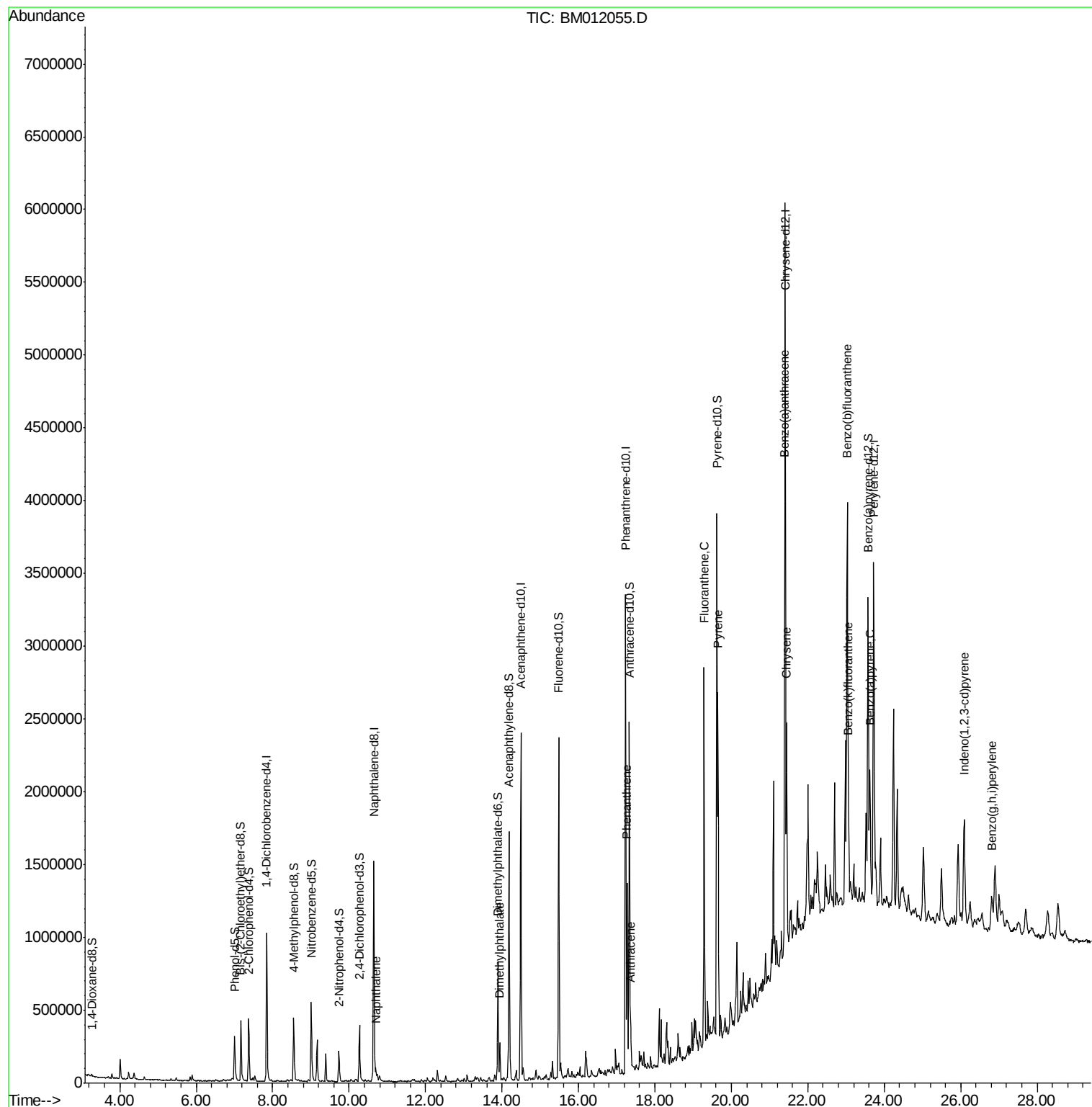
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012055.D
Acq On : 10 Oct 2017 23:00
Operator : SJ/JU
Sample : I5669-06
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ALS Vial : 16 Sample Multiplier: 1

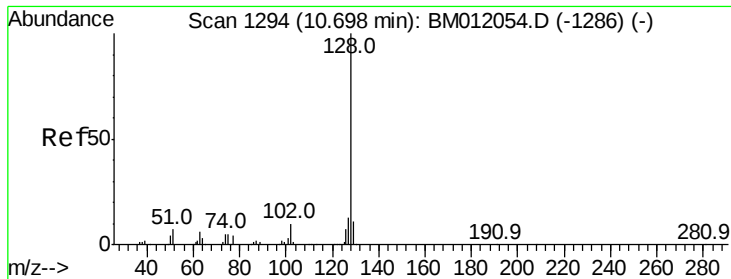
Instrument :
BNA_M
ClientSampled :
CB3J8

Manual Integrations
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Quant Time: Oct 11 03:01:50 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





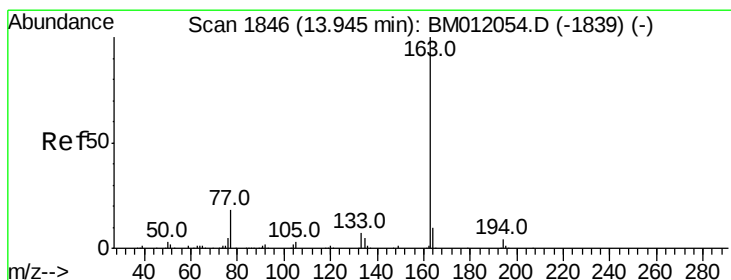
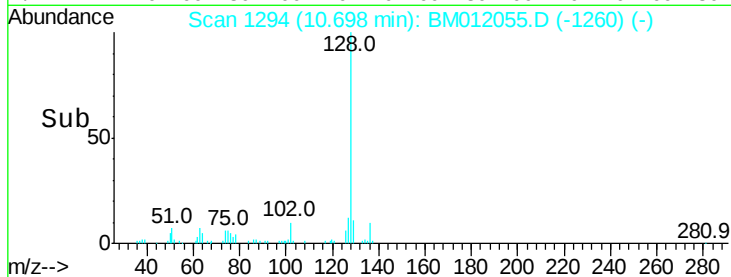
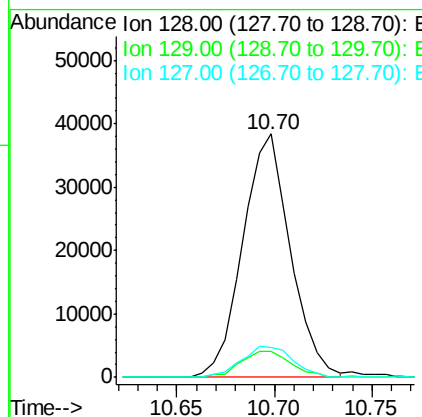
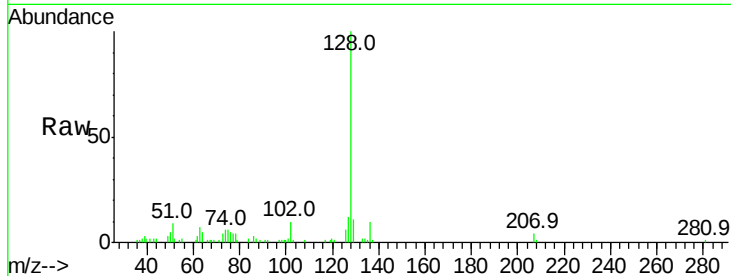
#28
Naphthalene
Concen: 1.039 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :
CB3J8

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.3	10.6	16.0

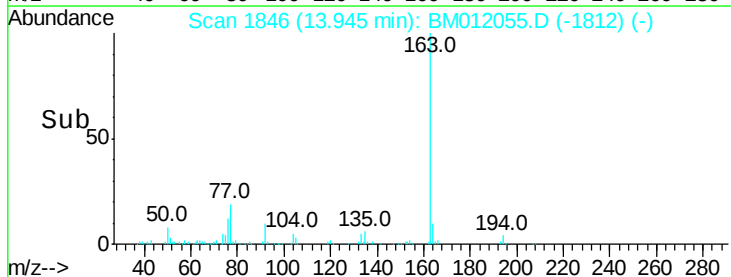
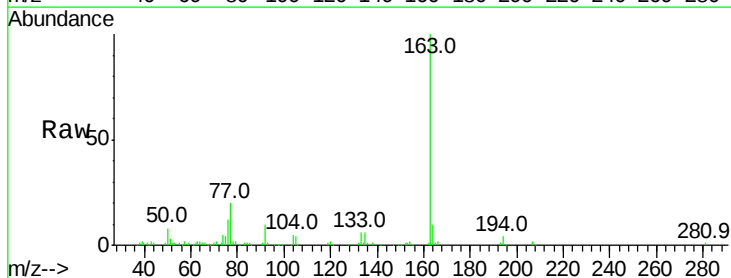
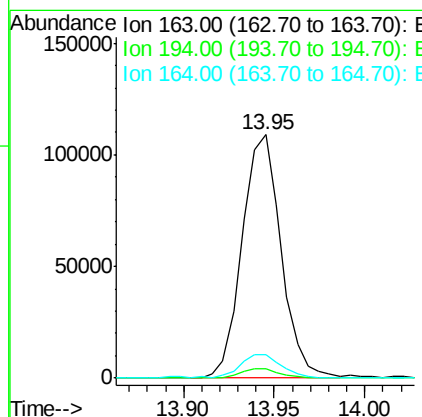
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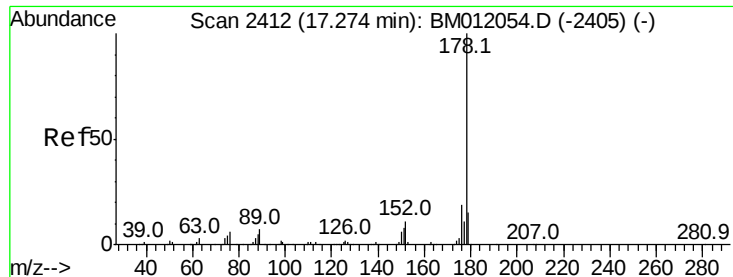
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#44
Dimethylphthalate
Concen: 2.556 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.8	8.2	12.4





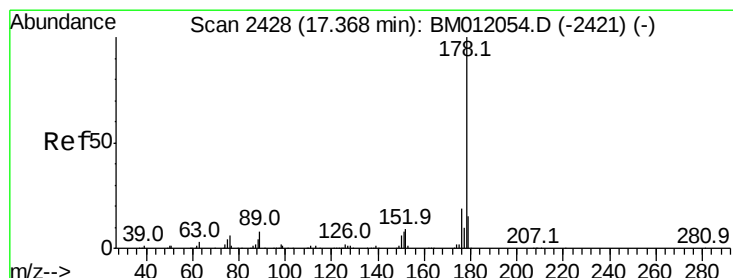
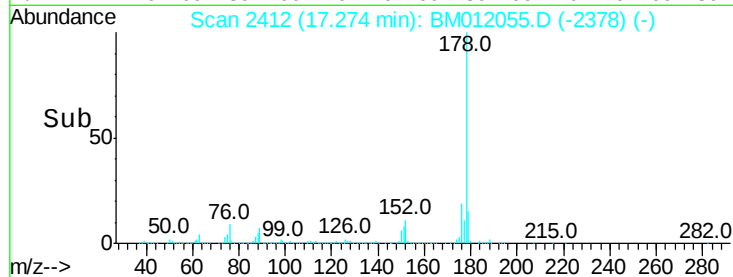
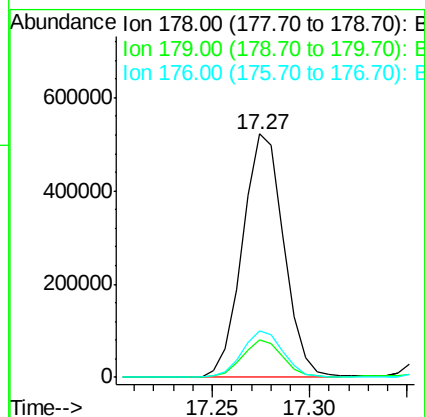
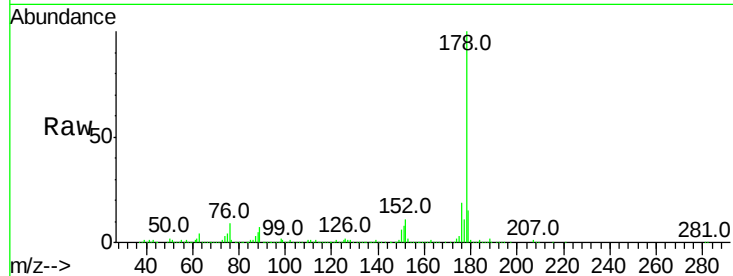
#69
 Phenanthrene
 Concen: 7.620 ng/ul
 RT: 17.27 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BM012055.D
 Acq: 10 Oct 2017 23:00

Instrument :
 BNA_M
 ClientSampleId :
 CB3J8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	14.9	22.3

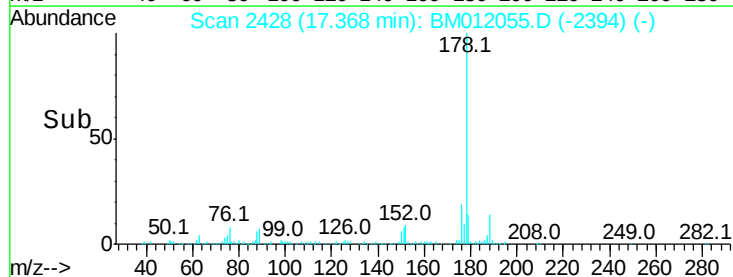
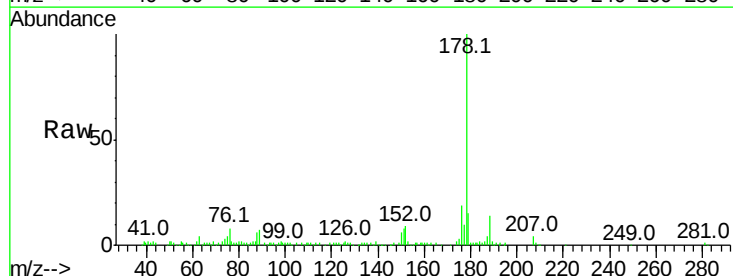
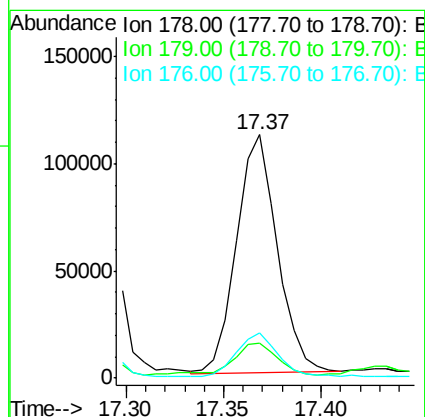
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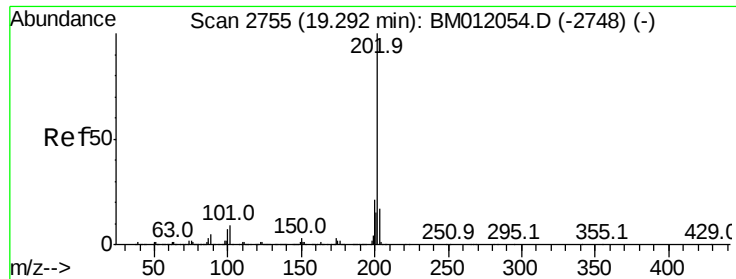
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#71
 Anthracene
 Concen: 1.570 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM012055.D
 Acq: 10 Oct 2017 23:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.7	17.5
176	18.8	14.6	21.8





#74

Fluoranthene

Concen: 12.863 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Instrument :

BNA_M

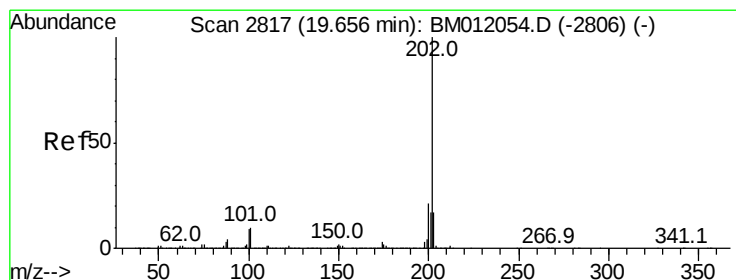
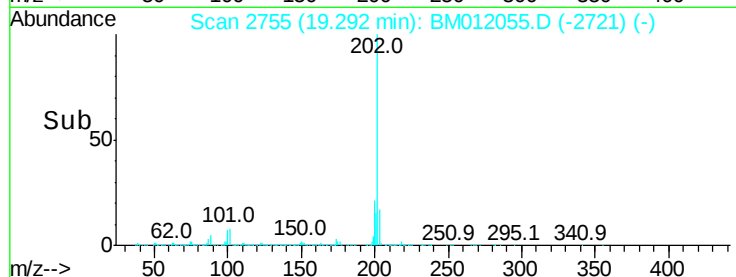
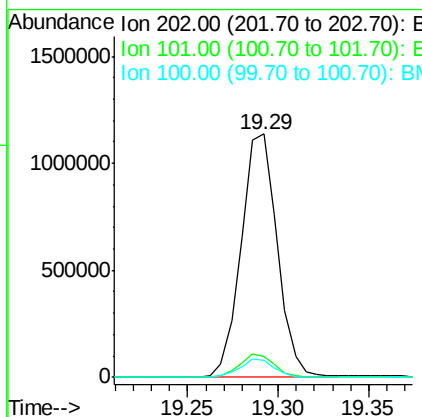
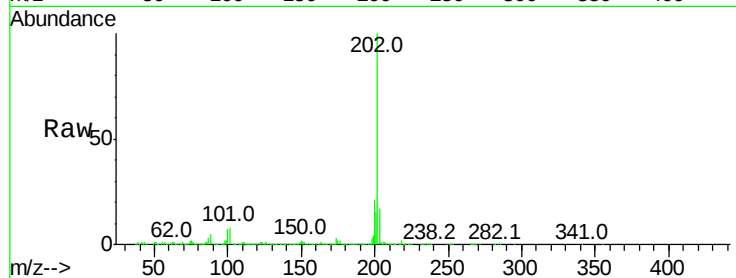
ClientSampleId :

CB3J8

Tot Ion:	202	Resp:	1573824
Ion Ratio	Lower	Upper	
202	100		
101	8.4	4.6	7.0#
100	7.0	3.4	5.2#

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#77

Pyrene

Concen: 11.998 ng/ul

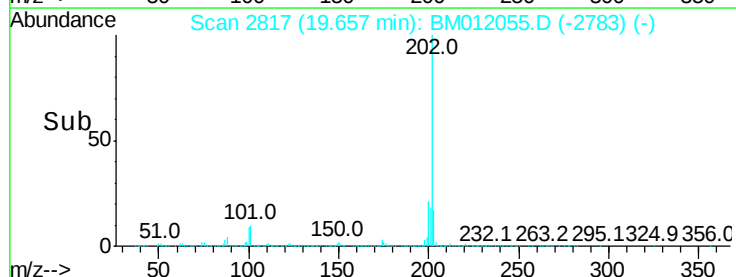
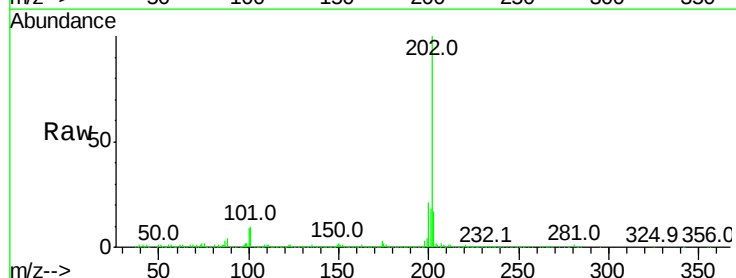
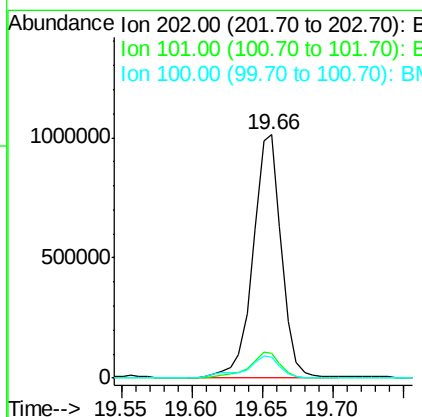
RT: 19.66 min Scan# 2817

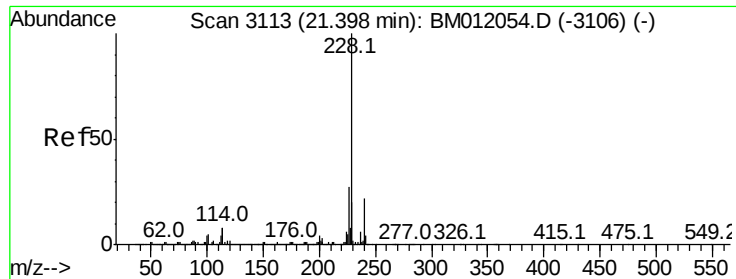
Delta R.T. 0.00 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Tgt Ion:	202	Resp:	1422162
Ion Ratio	Lower	Upper	
202	100		
101	10.2	5.1	7.7#
100	8.6	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 6.973 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Instrument :

BNA_M

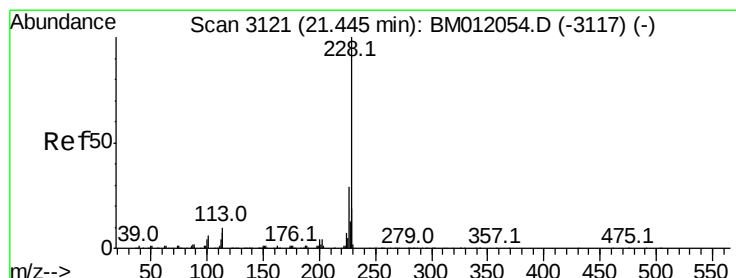
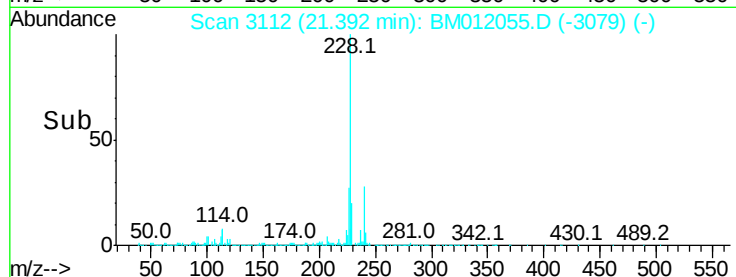
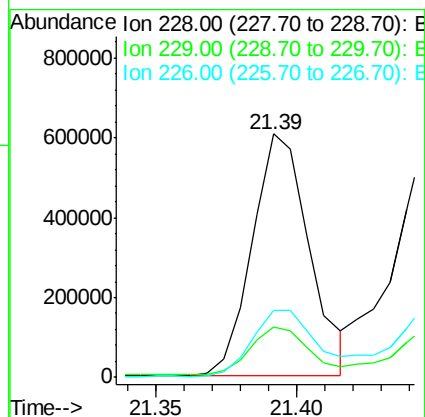
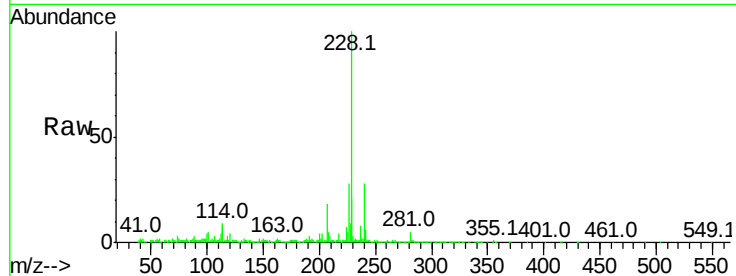
ClientSampleId :

CB3J8

Tot Ion:	228	Resp:	854035
Ion Ratio		Lower	Upper
228	100		
229	20.7	15.4	23.0
226	27.5	21.4	32.0

Manual Integrations
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#82

Chrysene

Concen: 7.012 ng/ul

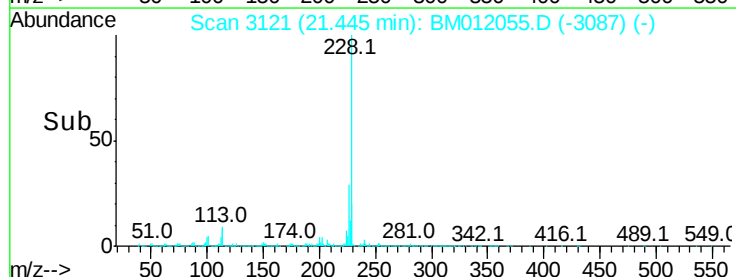
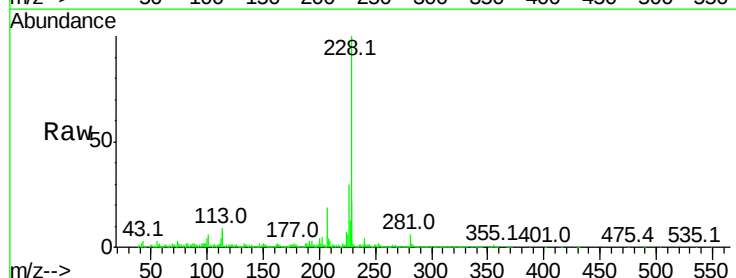
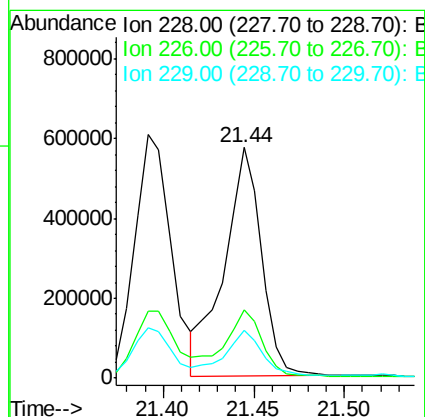
RT: 21.44 min Scan# 3121

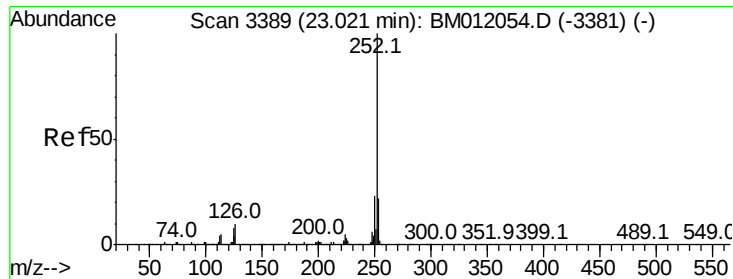
Delta R.T. 0.00 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Tgt Ion:	228	Resp:	815909
Ion Ratio		Lower	Upper
228	100		
226	29.7	23.4	35.2
229	20.5	15.5	23.3





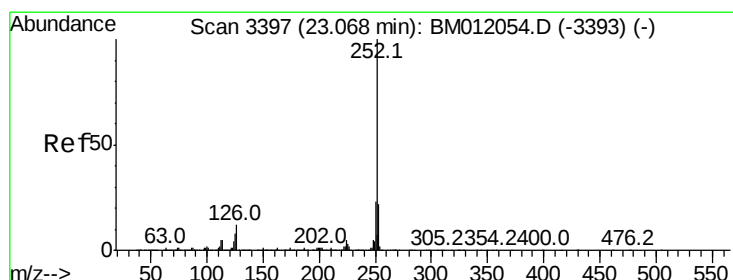
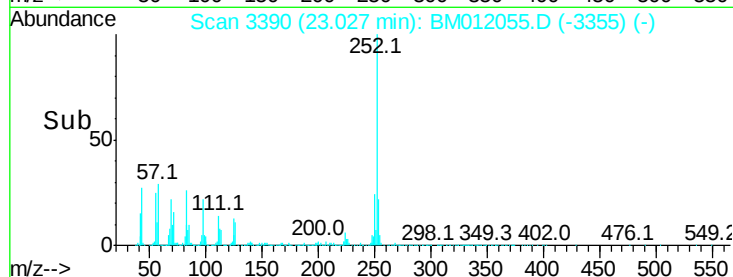
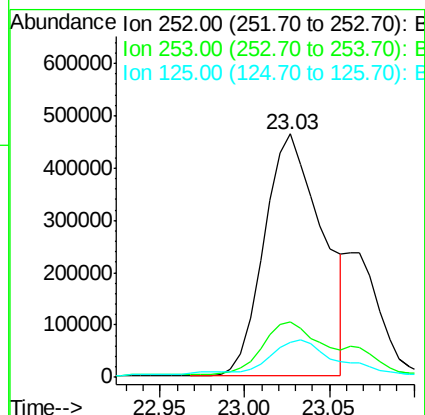
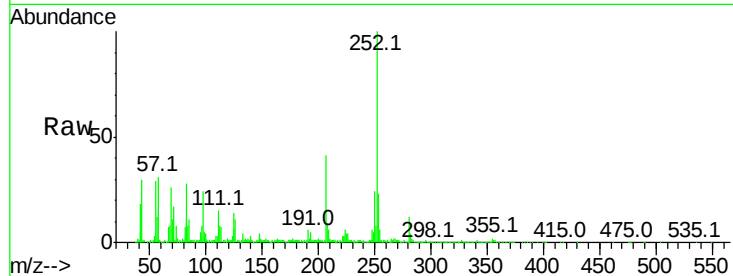
#85
Benzo(b)fluoranthene
Concen: 9.809 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :
CB3J8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.4	3.6	5.4

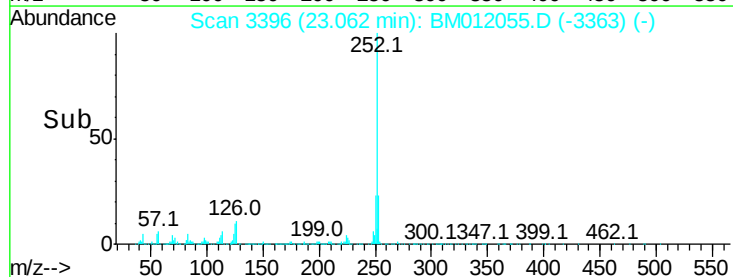
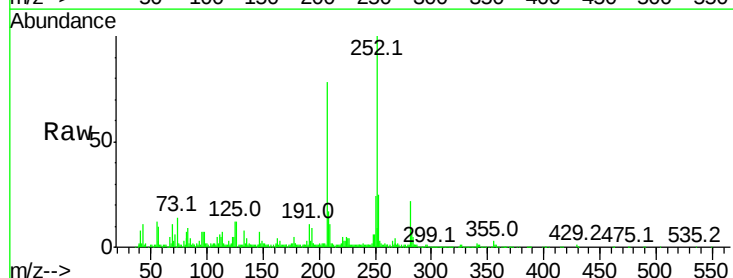
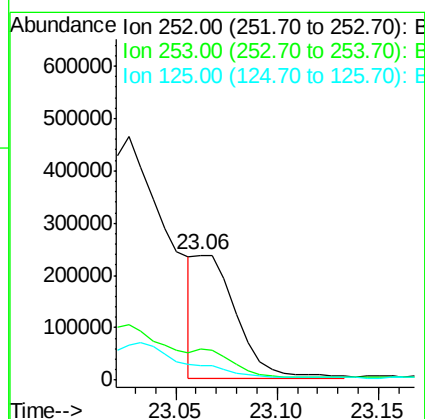
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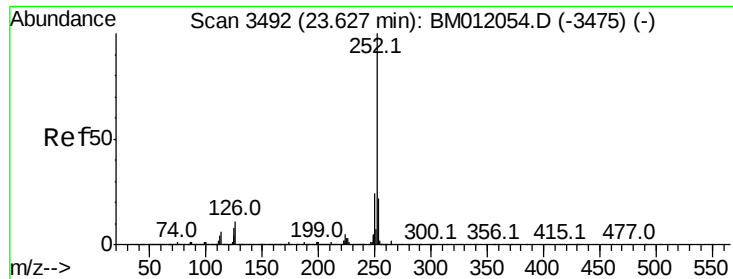
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#86
Benzo(k)fluoranthene
Concen: 2.988 ng/ul m
RT: 23.06 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM012055.D
Acq: 10 Oct 2017 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	11.5	3.4	5.2





#88

Benzo(a)pyrene

Concen: 5.855 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Instrument :

BNA_M

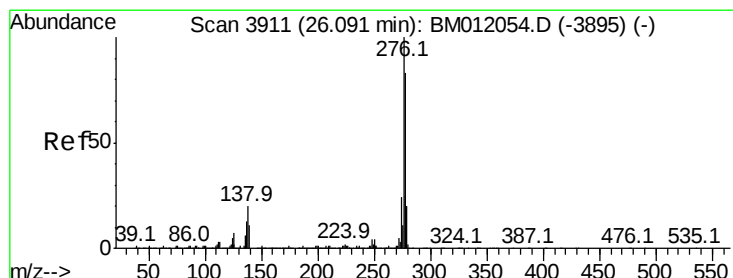
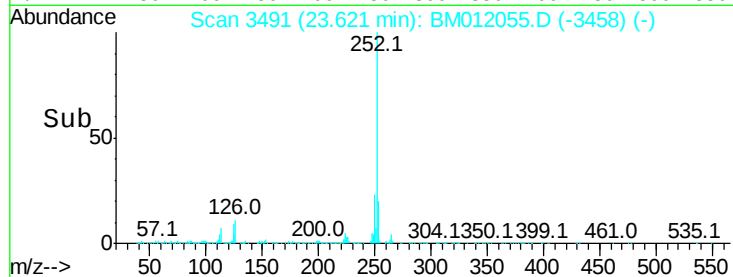
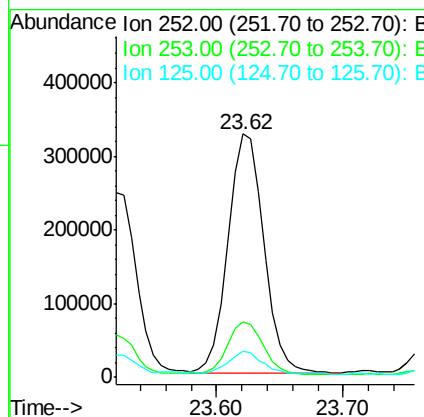
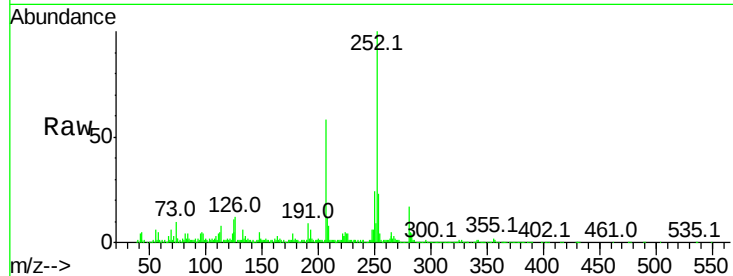
ClientSampled :

CB3J8

Tot Ion	Ratio	Resp	Lower	Upper
252	100	632018		
253	23.0	18.2	27.2	
125	10.6	4.0	6.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.364 ng/ul

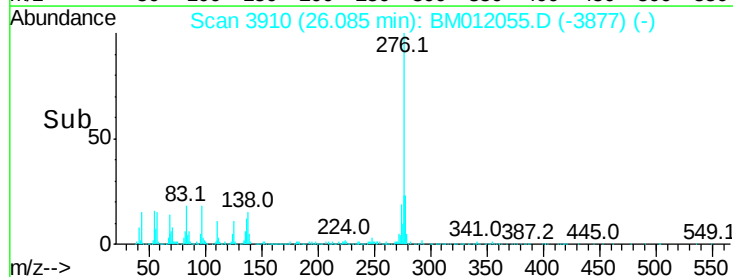
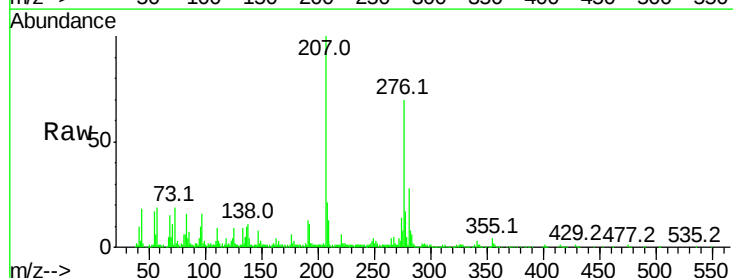
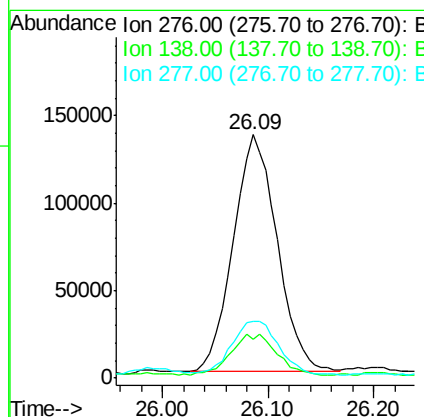
RT: 26.09 min Scan# 3910

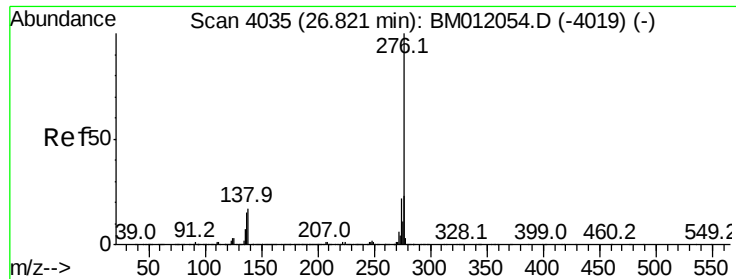
Delta R.T. -0.01 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	388537		
138	16.0	9.3	13.9	
277	23.5	19.9	29.9	





#91

Benzo(a,h,i)perylene

Concen: 3.520 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM012055.D

Acq: 10 Oct 2017 23:00

Instrument :

BNA_M

ClientSampleId :

CB3J8

Tot Ion:	276	Resp:	336369
Ion Ratio	Lower	Upper	
276	100		
138	18.5	8.5	12.7#
277	24.7	18.6	28.0

Manual Integrations
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