

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007213.D
 Acq On : 18 Aug 2016 20:39
 Operator : UM/SJ
 Sample : H4445-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N26

Manual Integrations
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Quant Time: Aug 19 05:18:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	222050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	893030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	518641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1256643	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1646021	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1712060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	18541	3.65	ng/uL	0.00
5) Phenol-d5	6.97	99	378792	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	220842	21.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	303736	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	300634	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	140949	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	156221	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	303445	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	364411	21.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	957700	22.35	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1157539	22.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	153401	19.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	842892	22.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	113787	16.39	ng/ul	0.00
70) Anthracene-d10	17.27	188	1368536	23.51	ng/ul	0.00
76) Pyrene-d10	19.57	212	1754251	25.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2019939	25.79	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.89	163	293372	6.85	ng/ul	98
47) Acenaphthylene	14.16	152	86161	1.63	ng/ul	99
69) Phenanthrene	17.22	178	68833	1.02	ng/ul	99
71) Anthracene	17.31	178	93874	1.35	ng/ul	100
74) Fluoranthene	19.23	202	660567	8.06	ng/ul	100
77) Pyrene	19.59	202	824731	9.06	ng/ul	99
80) Benzo(a)anthracene	21.34	228	598619	6.16	ng/ul	98
82) Chrysene	21.39	228	465399	5.24	ng/ul	96
85) Benzo(b)fluoranthene	22.94	252	812721	7.88	ng/ul	97
86) Benzo(k)fluoranthene	22.98	252	264537m	2.73	ng/ul	
88) Benzo(a)pyrene	23.53	252	493614	5.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	315186	2.63	ng/ul	96
91) Benzo(g,h,i)perylene	26.62	276	252238	2.49	ng/ul	95

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

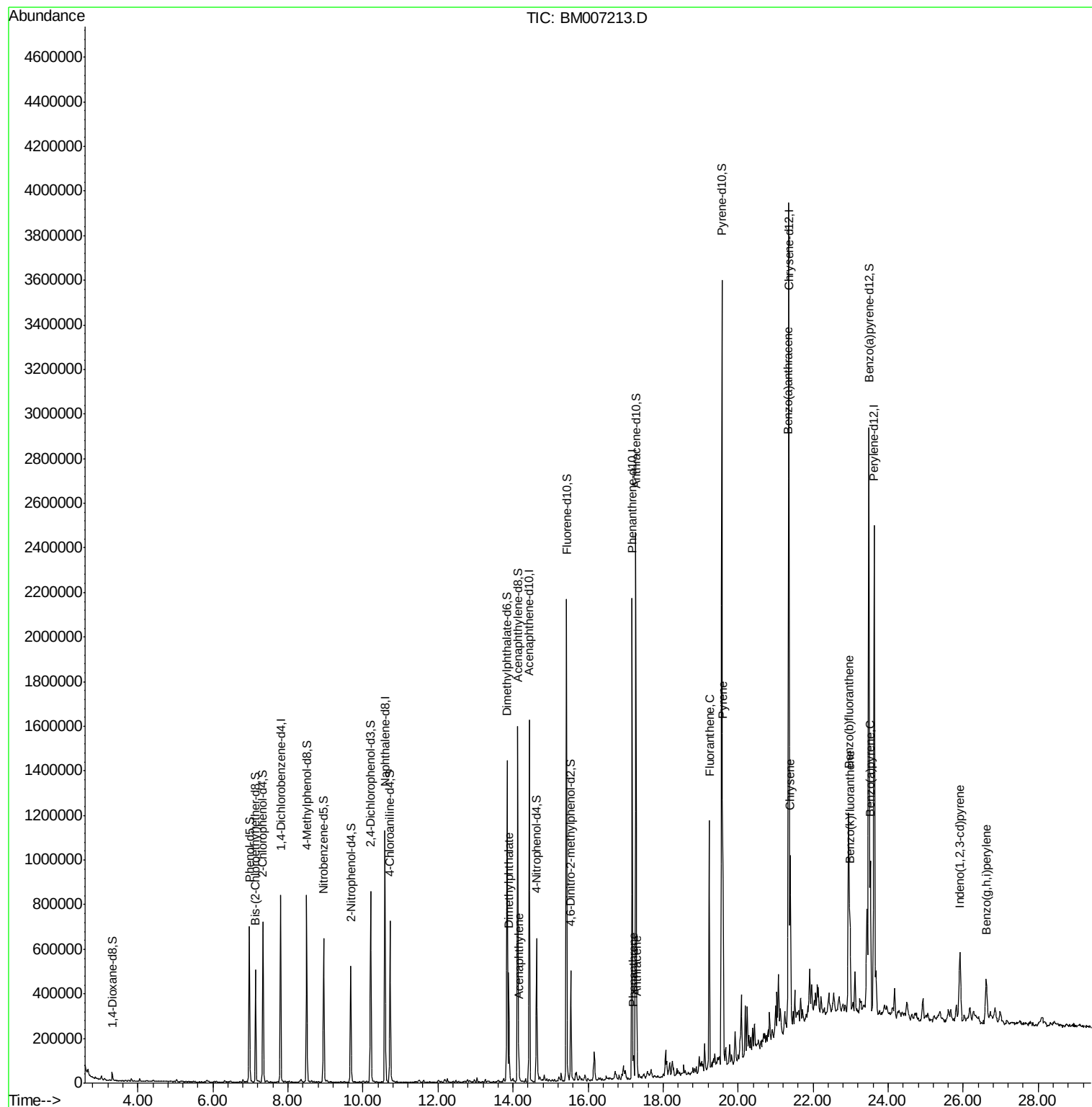
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007213.D
Acq On : 18 Aug 2016 20:39
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Misc :
ALS Vial : 14 Sample Multiplier: 1

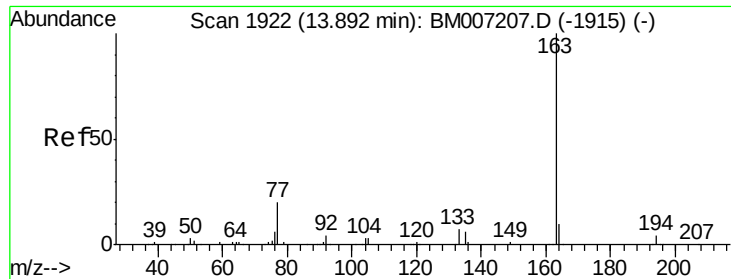
Instrument :
BNA_M
ClientSampleId :
E5N26

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Quant Time: Aug 19 05:18:46 2016
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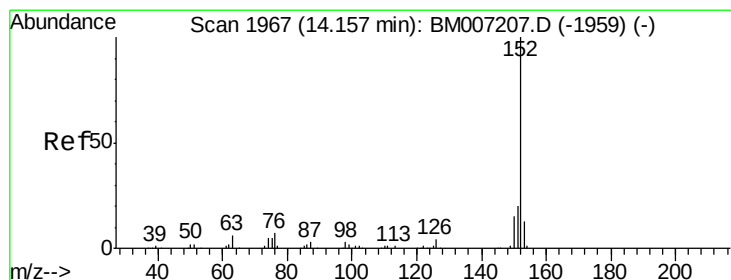
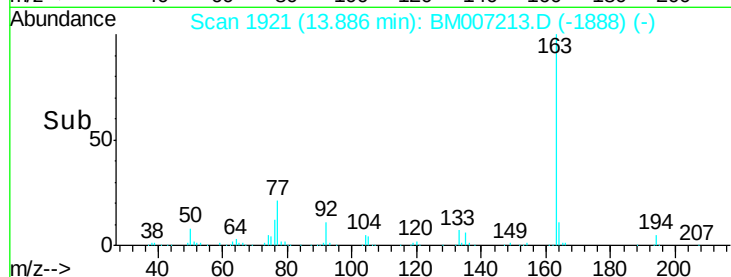
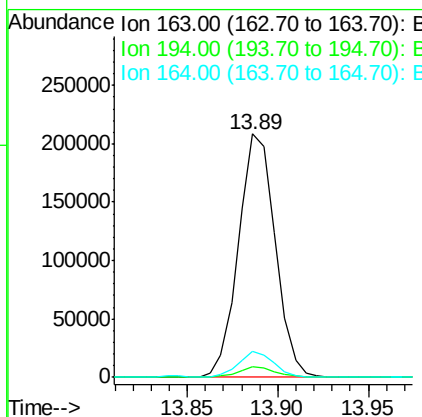
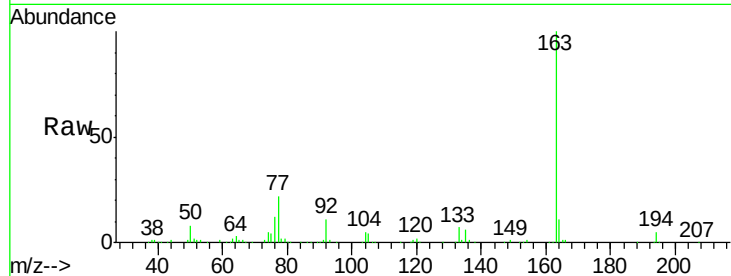
#44
Dimethylphthalate
Concen: 6.85 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Instrument :
BNA_M
ClientSampled :
E5N26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	293372		
194	4.5		3.4	5.2
164	10.6		7.8	11.8

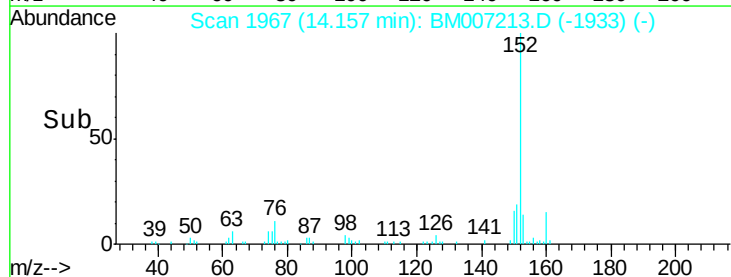
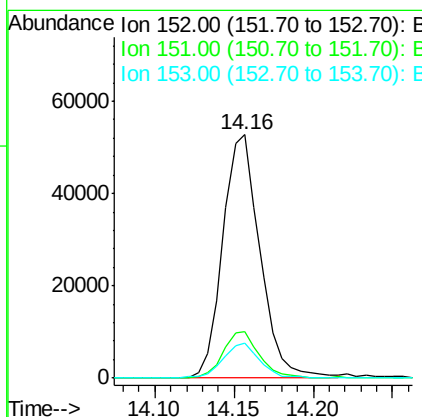
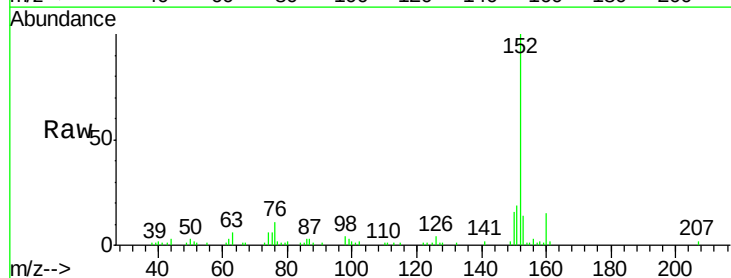
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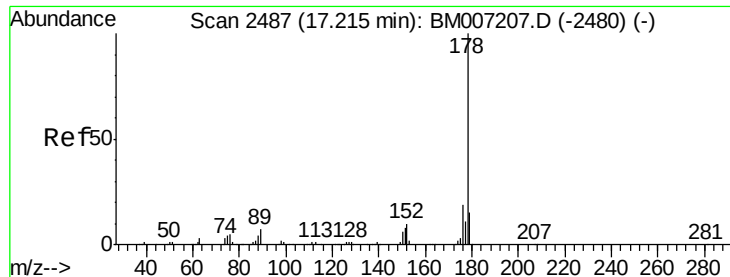
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#47
Acenaphthylene
Concen: 1.63 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	86161		
151	19.2		16.0	24.0
153	14.2		11.0	16.6





#69

Phenanthrene

Concen: 1.02 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

BNA_M

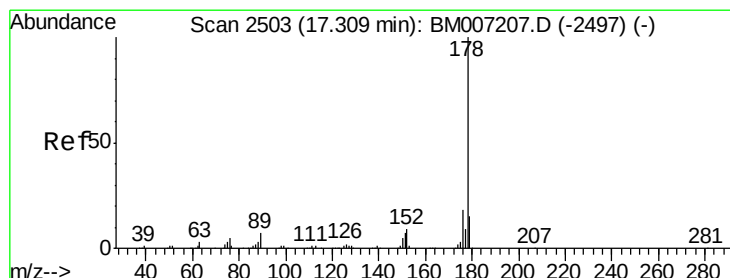
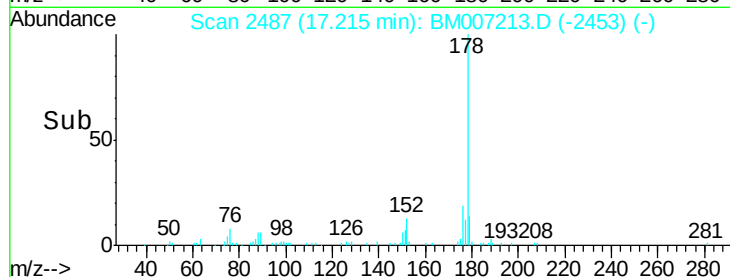
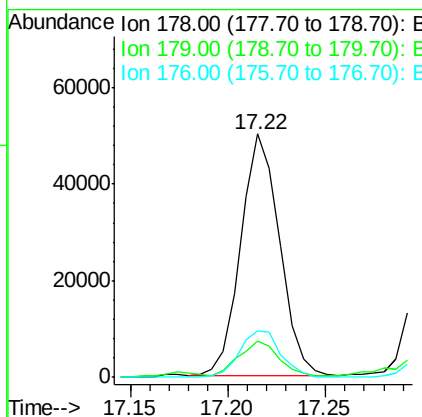
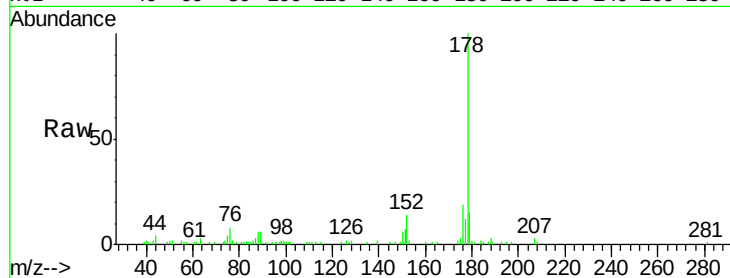
ClientSampleId :

E5N26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	68833		
179	15.0		12.2	18.2
176	19.3		15.1	22.7

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#71

Anthracene

Concen: 1.35 ng/ul

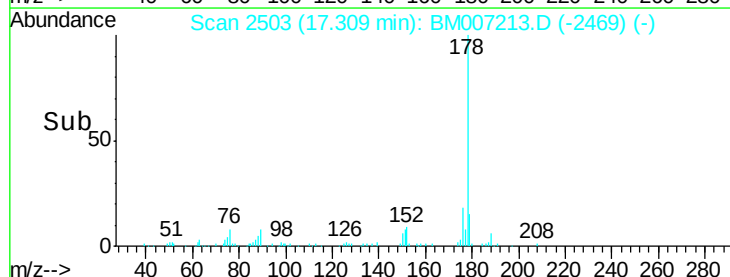
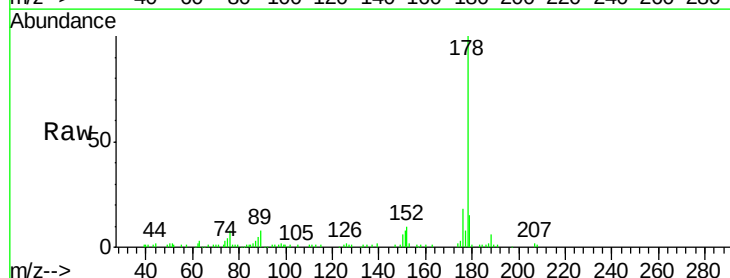
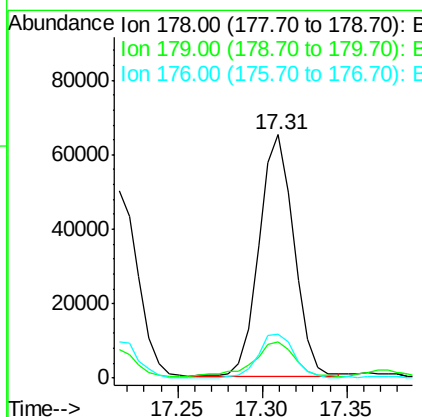
RT: 17.31 min Scan# 2503

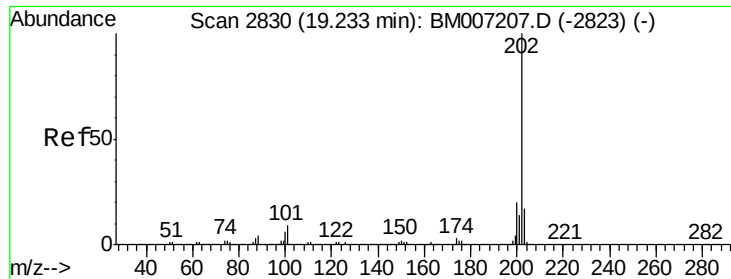
Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	93874		
179	14.9		12.1	18.1
176	18.1		14.5	21.7





#74

Fluoranthene

Concen: 8.06 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

BNA_M

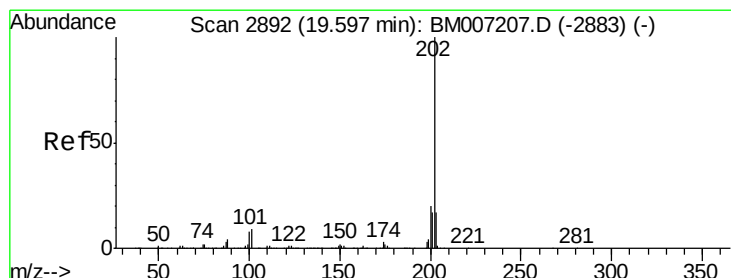
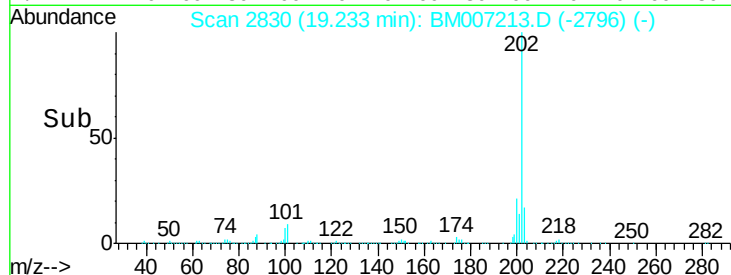
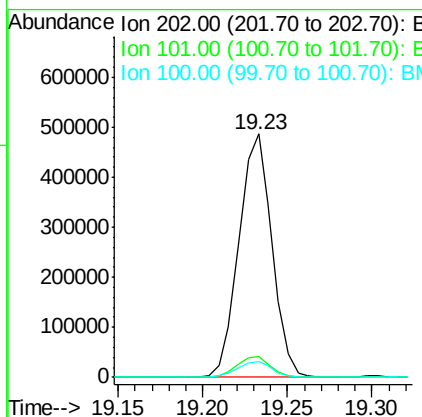
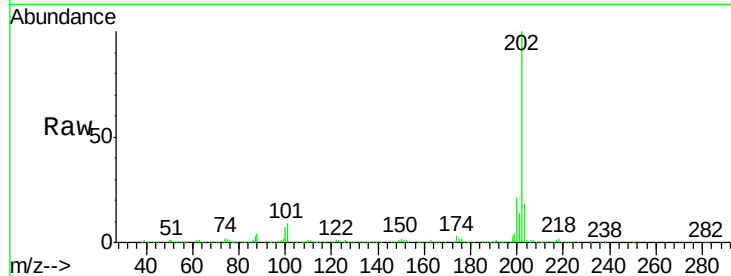
ClientSampleId :

E5N26

Tgt	Ion	202	Resp:	660567
Ion	Ratio	Lower	Upper	
202	100			
101	8.8	6.9	10.3	
100	6.6	5.4	8.0	

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#77

Pyrene

Concen: 9.06 ng/ul

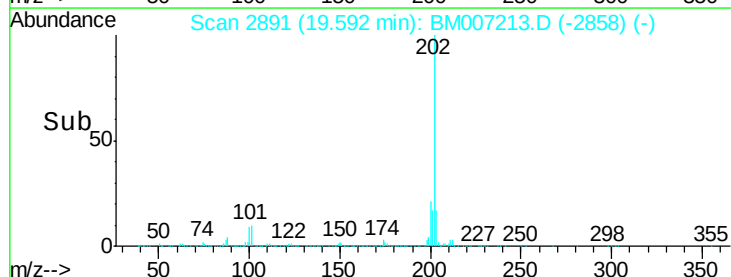
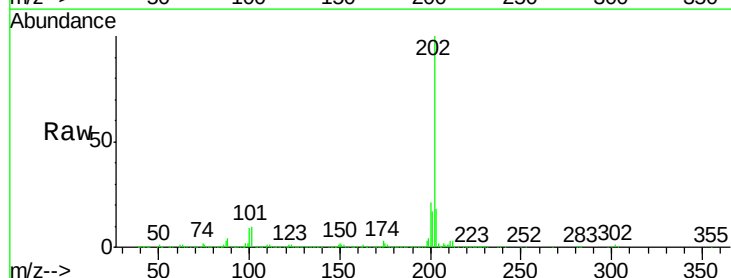
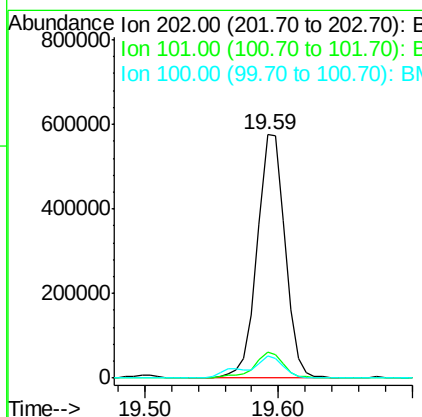
RT: 19.59 min Scan# 2891

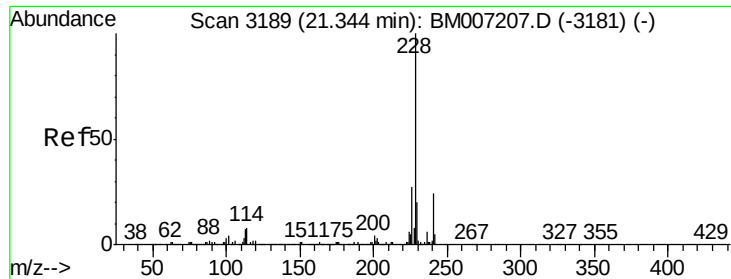
Delta R.T. -0.01 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Tgt	Ion	202	Resp:	824731
Ion	Ratio	Lower	Upper	
202	100			
101	10.5	8.4	12.6	
100	9.1	6.9	10.3	





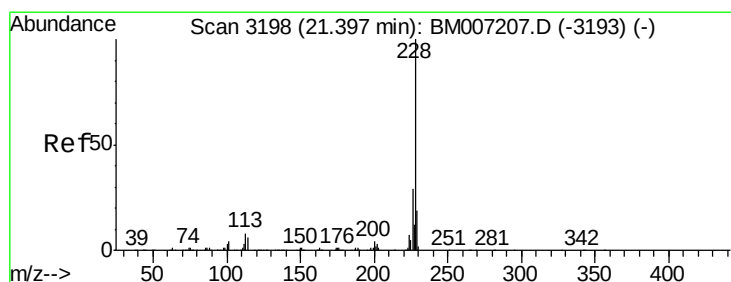
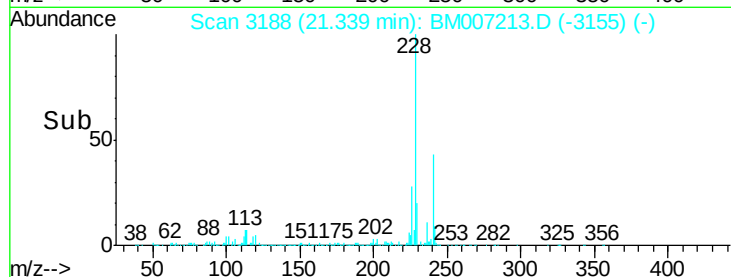
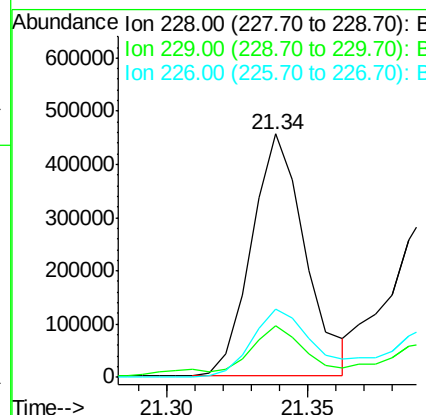
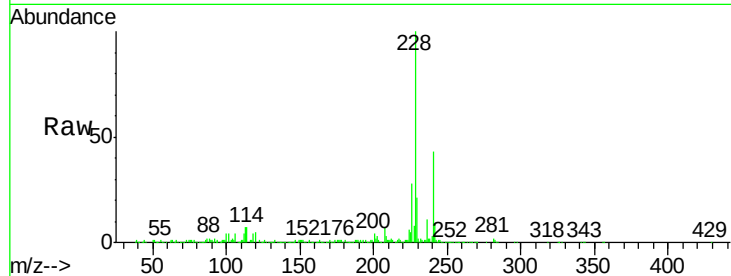
#80
Benzo(a)anthracene
Concen: 6.16 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Instrument :
BNA_M
ClientSampleId :
E5N26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	598619		
229	21.0	15.6	23.4	
226	28.1	21.8	32.8	

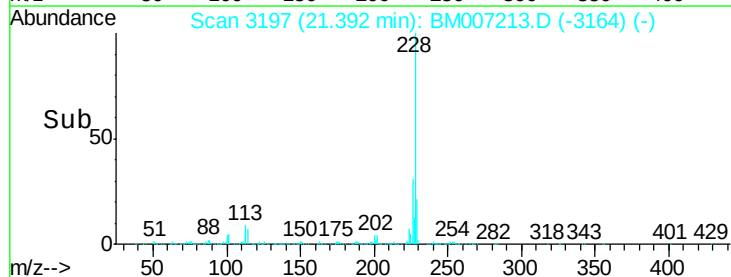
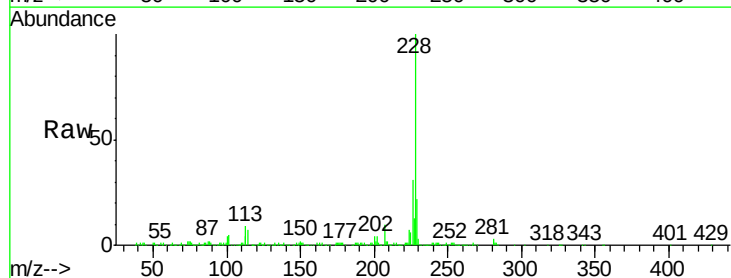
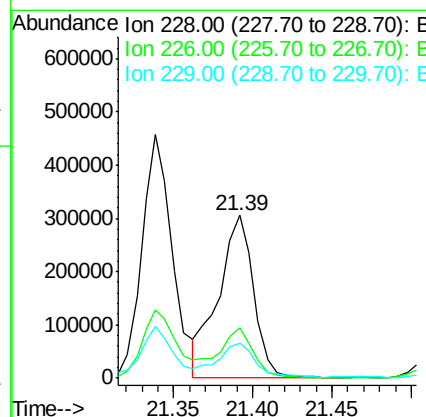
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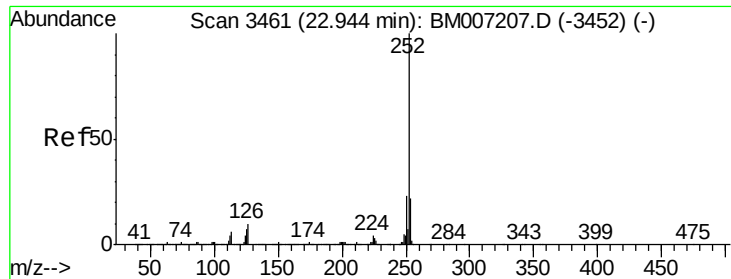
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#82
Chrysene
Concen: 5.24 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	465399		
226	30.7	23.4	35.2	
229	21.6	15.5	23.3	





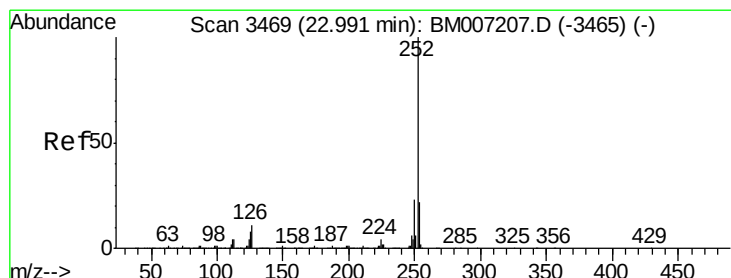
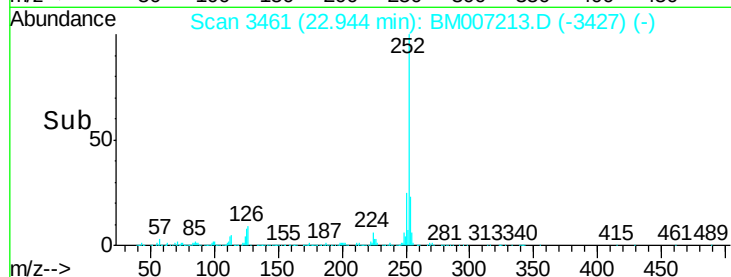
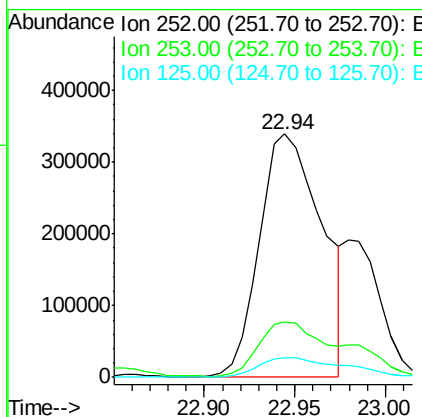
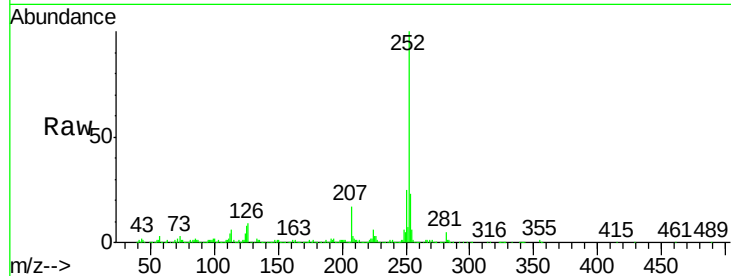
#85
Benzo(b)fluoranthene
Concen: 7.88 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. 0.00 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Instrument :
BNA_M
ClientSampleId :
E5N26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.1	5.8	8.8

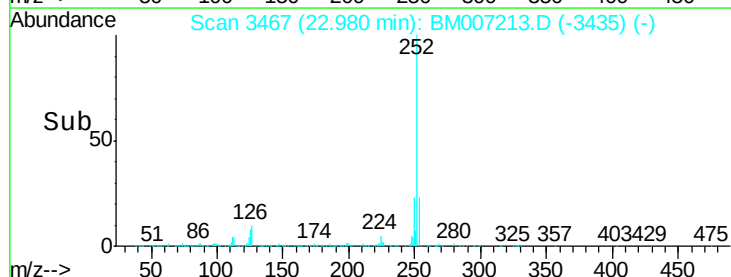
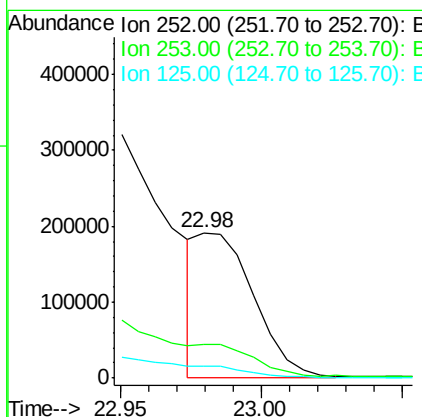
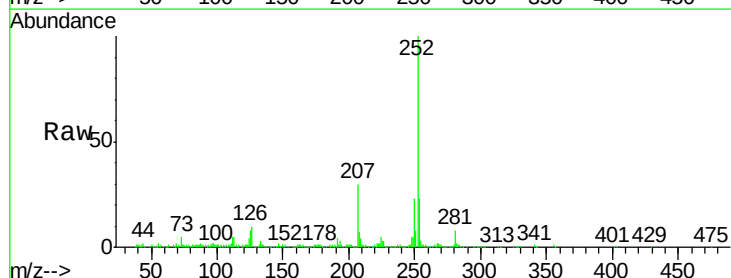
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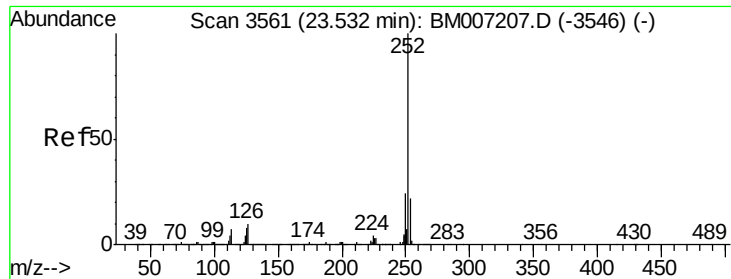
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#86
Benzo(k)fluoranthene
Concen: 2.73 ng/ul m
RT: 22.98 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	8.3	5.7	8.5





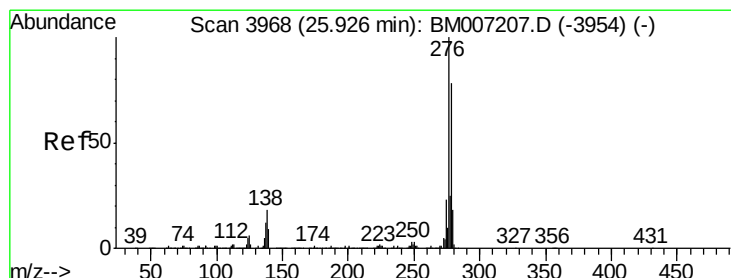
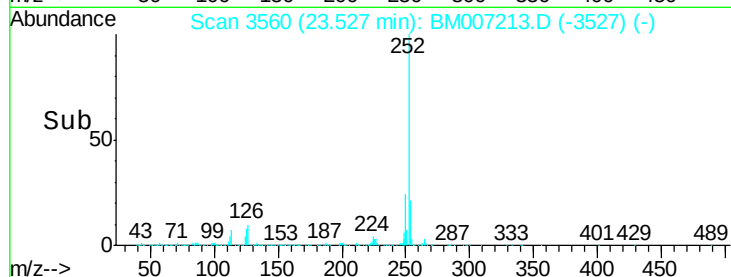
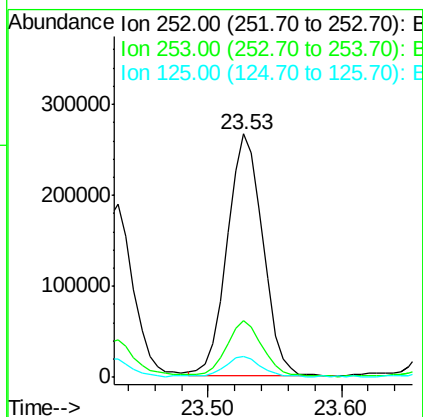
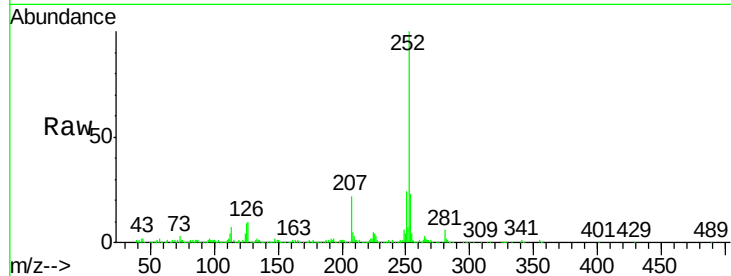
#88
Benzo(a)pyrene
Concen: 5.05 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Instrument :
BNA_M
ClientSampleId :
E5N26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	493614		
253	23.1	17.7	26.5	
125	8.5	6.6	9.8	

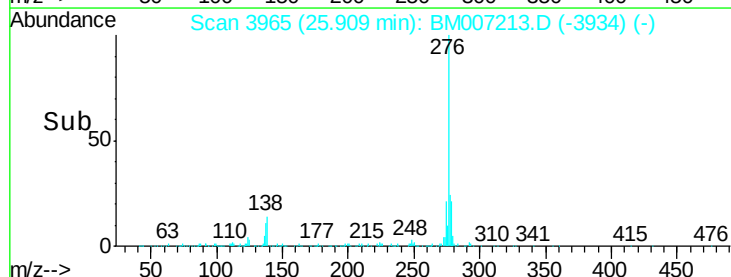
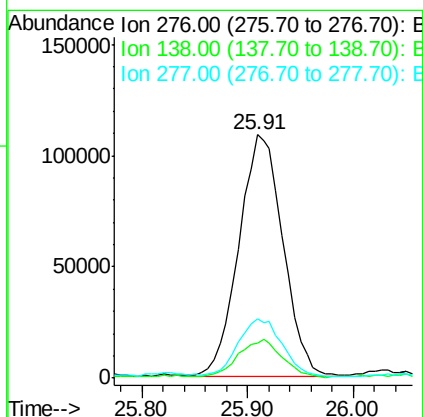
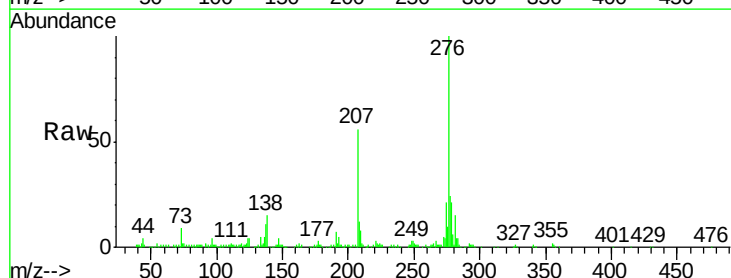
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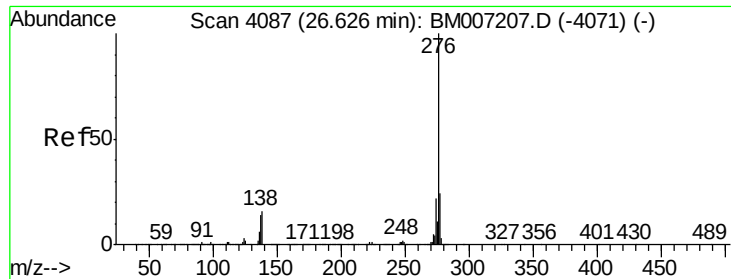
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng/ul
RT: 25.91 min Scan# 3965
Delta R.T. -0.02 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	315186		
138	14.5	13.9	20.9	
277	24.2	20.1	30.1	





#91
 Benzo(g,h,i)perylene
 Concen: 2.49 ng/ul
 RT: 26.62 min Scan# 4086
 Delta R.T. -0.01 min
 Lab File: BM007213.D
 Acq: 18 Aug 2016 20:39

Instrument :
 BNA_M
 ClientSampleId :
 E5N26

Tgt Ion:	276	Resp:	252238
Ion Ratio	Lower	Upper	
276	100		
138	14.4	13.5	20.3
277	21.5	19.3	28.9

Manual Integrations
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