

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014486.D
 Acq On : 05 Mar 2018 23:11
 Operator : SJ/JU
 Sample : J1678-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7DL

Manual Integrations
 APPROVED

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Quant Time: Mar 06 03:18:01 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	349090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	188573	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	413606	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	362414	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	345728	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2977	1.47	ng/uL	0.00
5) Phenol-d5	6.74	99	44595	6.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	30479	6.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	41579	7.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	29244	4.55	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	19828m	7.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	20949m	7.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	33973m	6.14	ng/ul	0.04
29) 4-Chloroaniline-d4	10.47	131	22515m	4.13	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	124176	7.97	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	156017	8.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	10005m	4.65	ng/ul	0.04
57) Fluorene-d10	15.18	176	100755	7.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	5669	2.28	ng/ul	0.02
70) Anthracene-d10	17.04	188	160655	8.05	ng/ul	0.00
76) Pyrene-d10	19.35	212	159303	8.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	137481m	8.17	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	16.98	178	315546	13.241	ng/ul	99
71) Anthracene	17.07	178	65865	2.748	ng/ul	98
74) Fluoranthene	19.01	202	521822	18.328	ng/ul#	96
77) Pyrene	19.38	202	503841	20.919	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	245887	10.871	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.06	149	84441	5.921	ng/ul#	95
82) Chrysene	21.19	228	214723	10.176	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	253242	10.939	ng/ul#	95
86) Benzo(k)fluoranthene	22.73	252	86157	3.915	ng/ul#	88
88) Benzo(a)pyrene	23.24	252	195754	9.463	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	120879	6.022	ng/ul	98
90) Dibenzo(a,h)anthracene	25.51	278	31131m	1.866	ng/ul	
91) Benzo(g,h,i)perylene	26.19	276	95131	5.850	ng/ul#	93

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

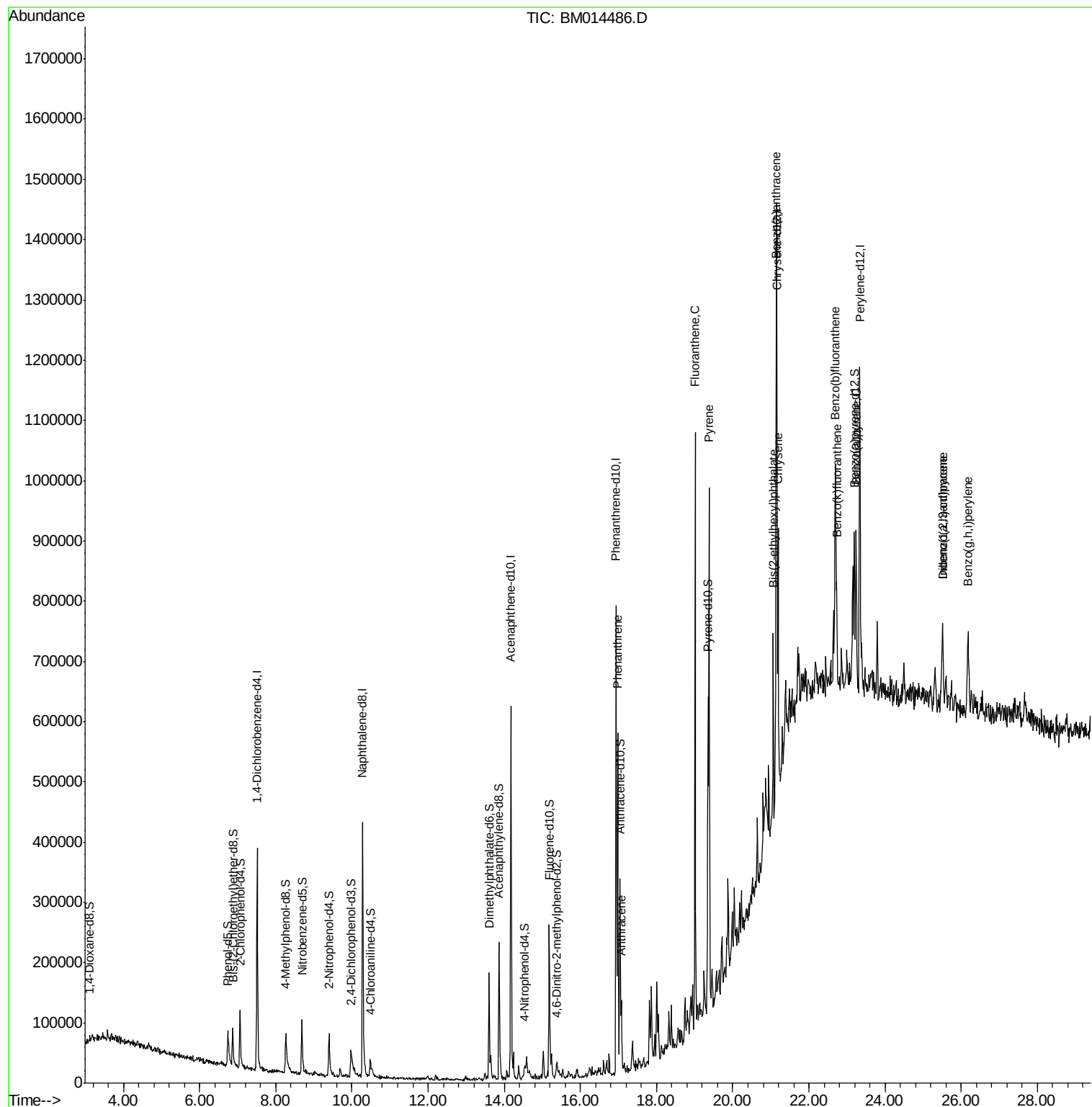
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014486.D
Acq On : 05 Mar 2018 23:11
Operator : SJ/JU
Sample : J1678-07DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

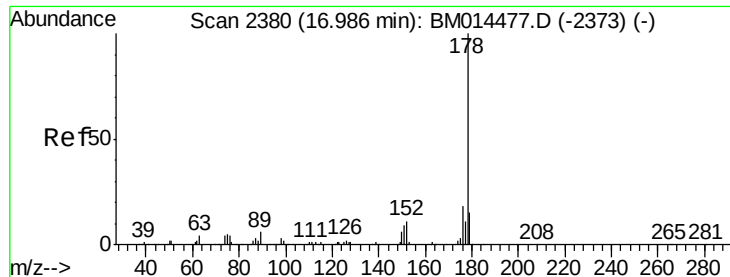
Instrument :
BNA_M
ClientSampleId :
BE5T7DL

Quant Time: Mar 06 03:18:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

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#69

Phenanthrene

Concen: 13.241 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Instrument :

BNA_M

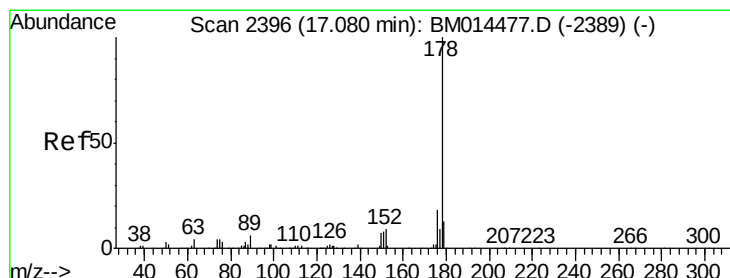
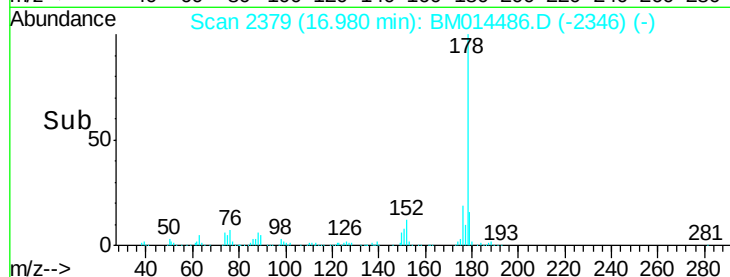
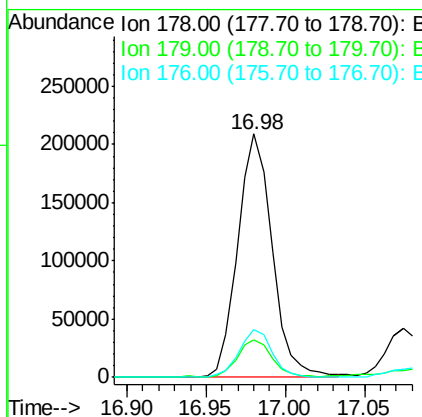
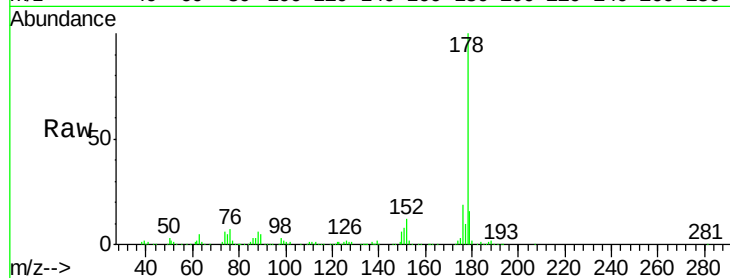
ClientSampleId :

BE5T7DL

Tot Ion:178	Resp:	315546
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 19.0
176	19.4	14.9 22.3

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#71

Anthracene

Concen: 2.748 ng/ul

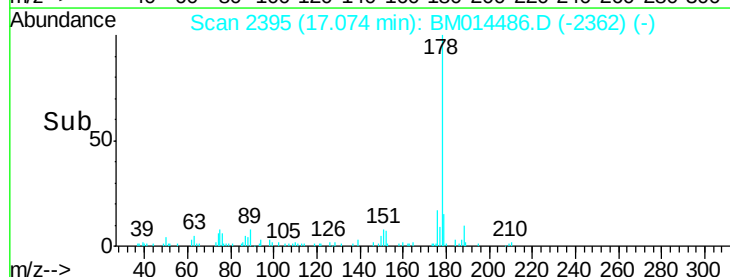
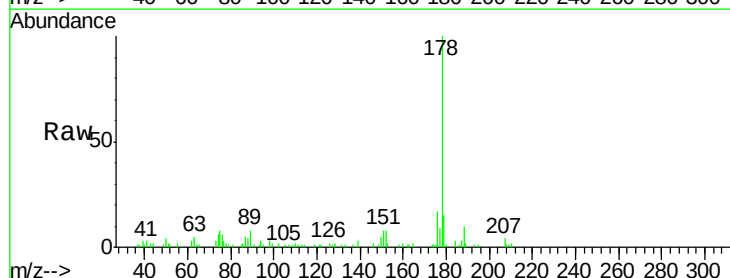
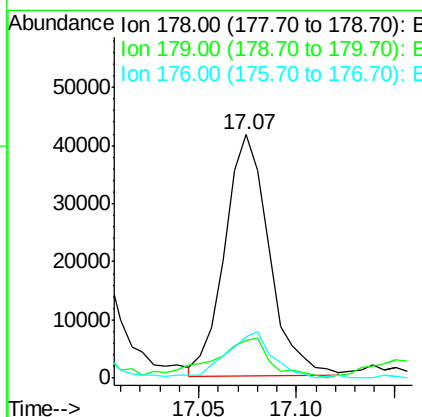
RT: 17.07 min Scan# 2395

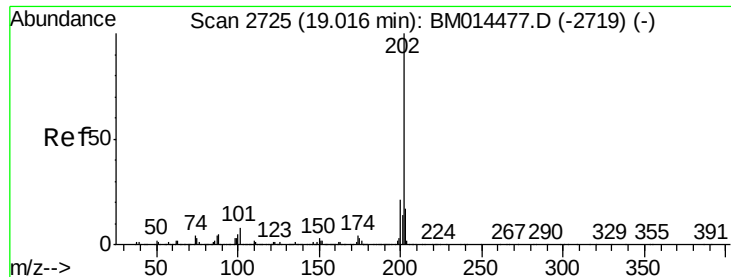
Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Tgt Ion:178	Resp:	65865
Ion Ratio	Lower	Upper
178	100	
179	15.2	11.7 17.5
176	17.1	14.6 21.8





#74

Fluoranthene

Concen: 18.328 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Instrument :

BNA_M

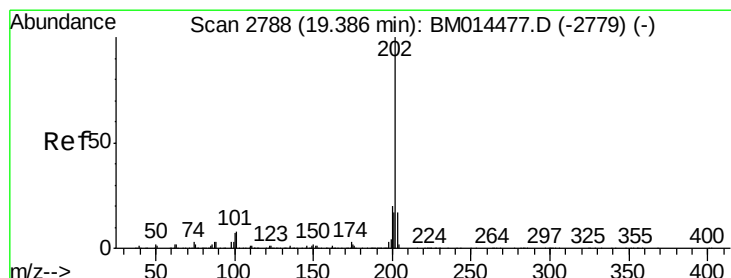
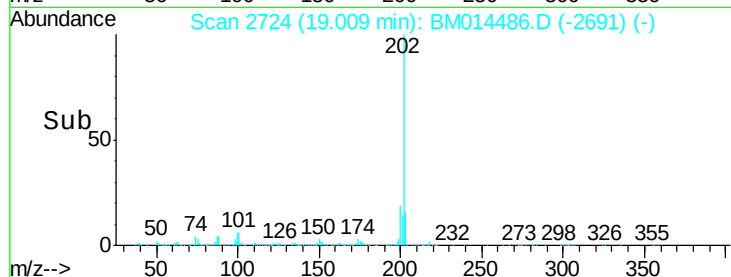
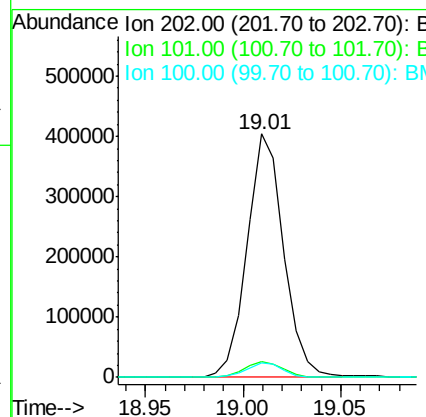
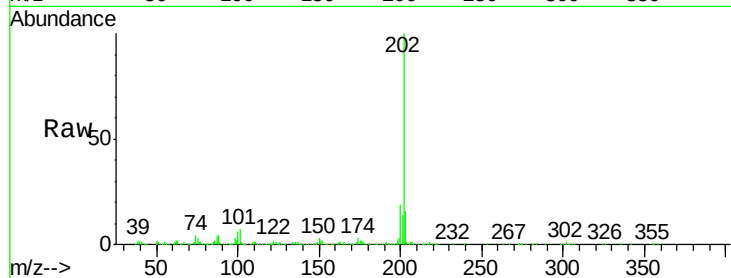
ClientSampled :

BE5T7DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	4.6	7.0
100	5.9	3.4	5.2#

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#77

Pyrene

Concen: 20.919 ng/ul

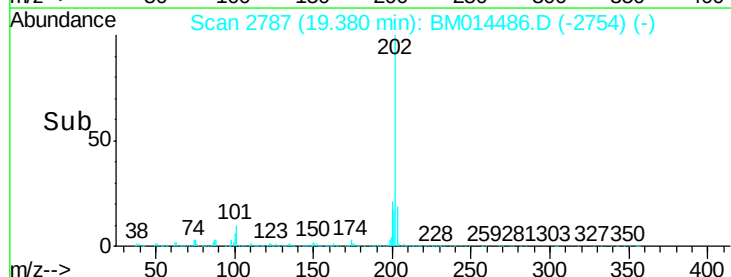
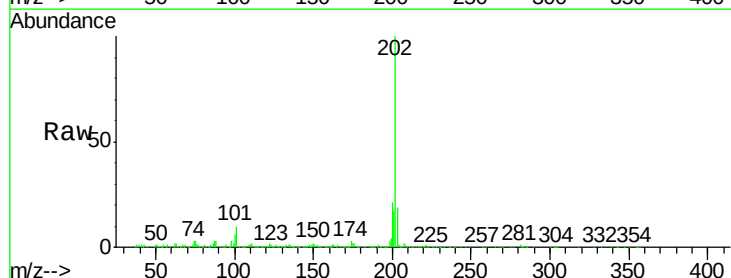
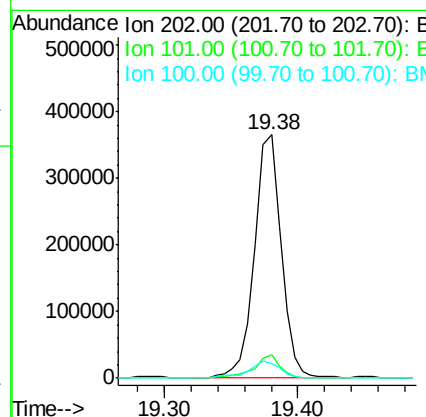
RT: 19.38 min Scan# 2787

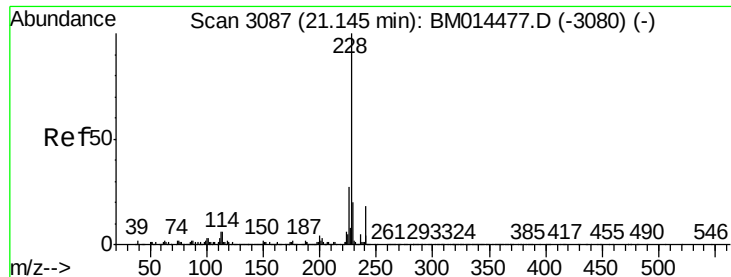
Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	6.0	4.9	7.3





#80

Benzo(a)anthracene

Concen: 10.871 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Instrument :

BNA_M

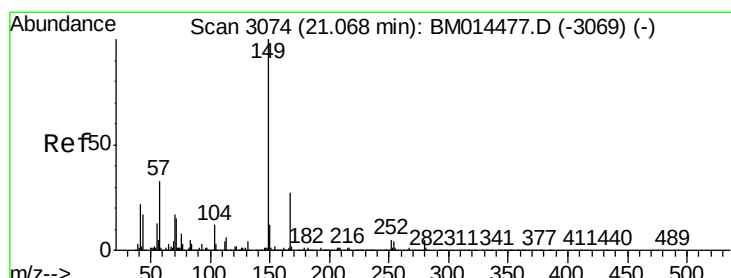
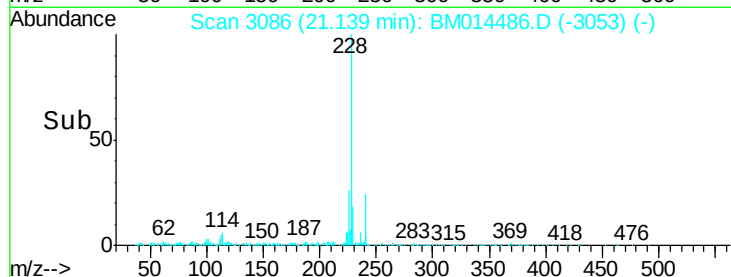
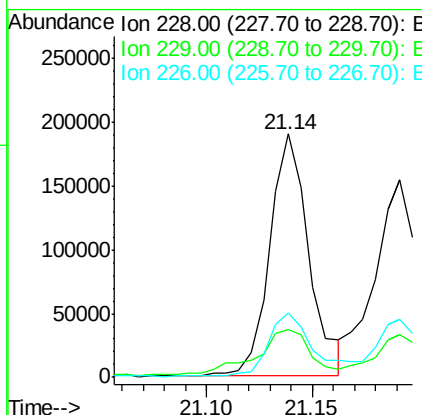
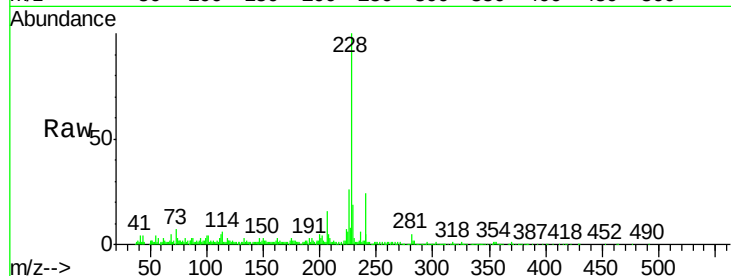
ClientSampled :

BE5T7DL

Tot Ion:	228	Resp:	245887
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.4	23.0
226	26.3	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 5.921 ng/ul

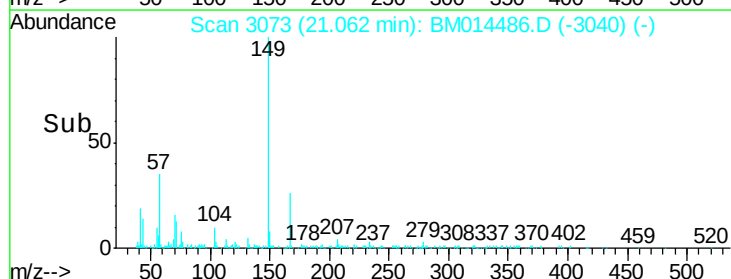
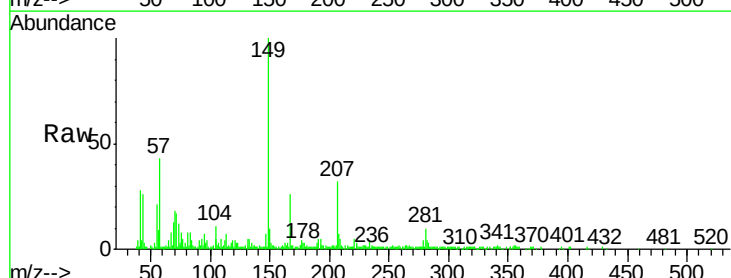
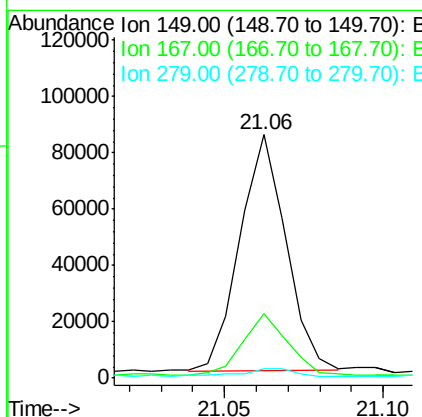
RT: 21.06 min Scan# 3073

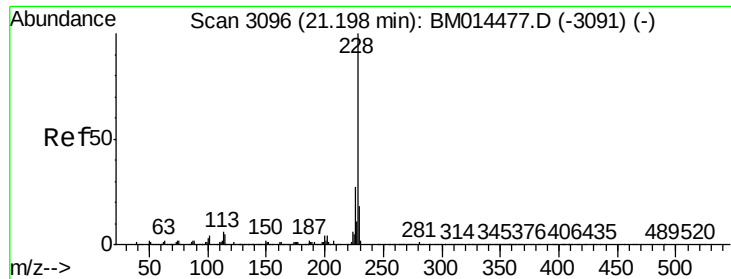
Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Tgt Ion:	149	Resp:	84441
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.8	34.2
279	3.6	4.9	7.3#





#82

Chrysene

Concen: 10.176 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Instrument :

BNA_M

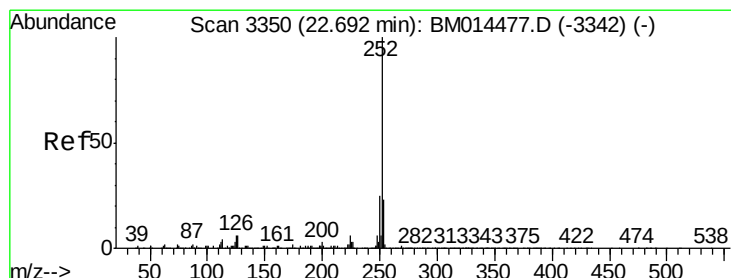
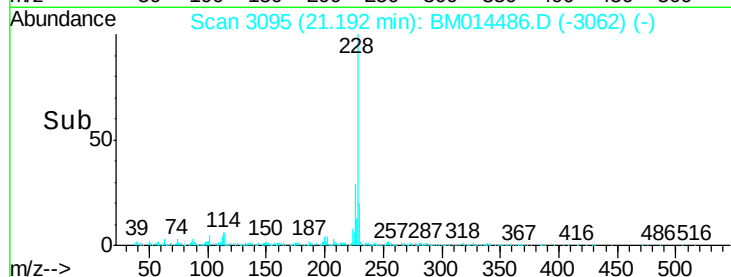
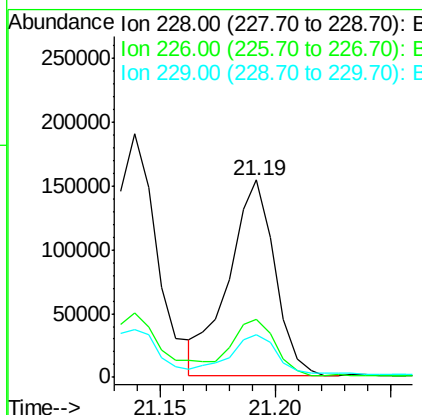
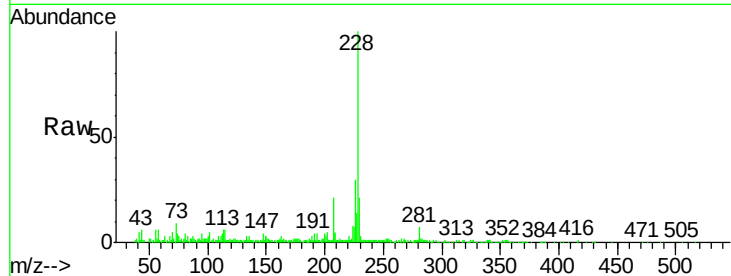
ClientSampled :

BE5T7DL

Tot Ion:	228	Resp:	214723
Ion Ratio		Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.4	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 10.939 ng/ul

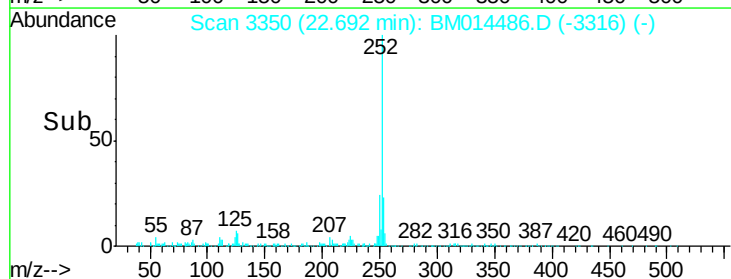
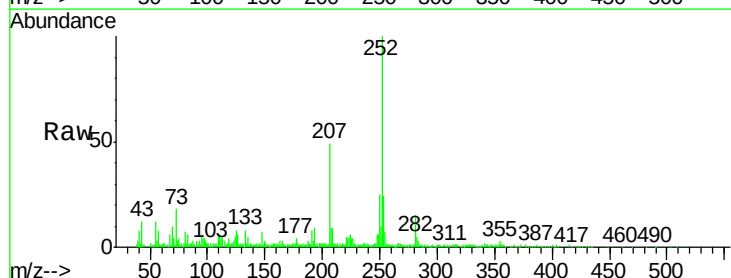
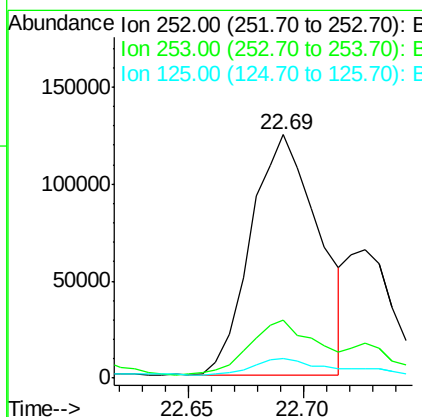
RT: 22.69 min Scan# 3350

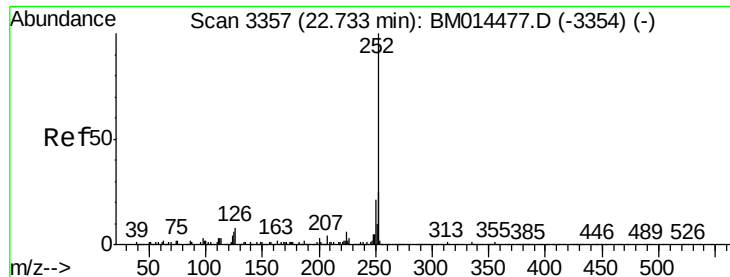
Delta R.T. -0.00 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Tgt Ion:	252	Resp:	253242
Ion Ratio		Lower	Upper
252	100		
253	23.9	17.9	26.9
125	8.3	3.6	5.4#





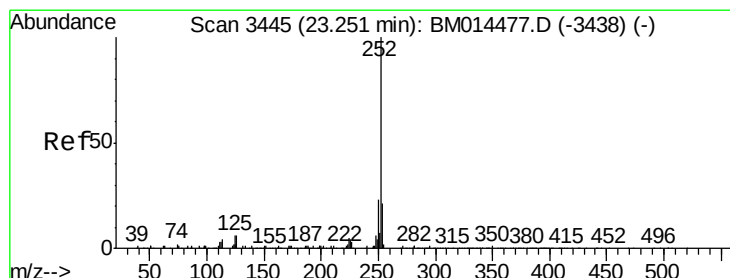
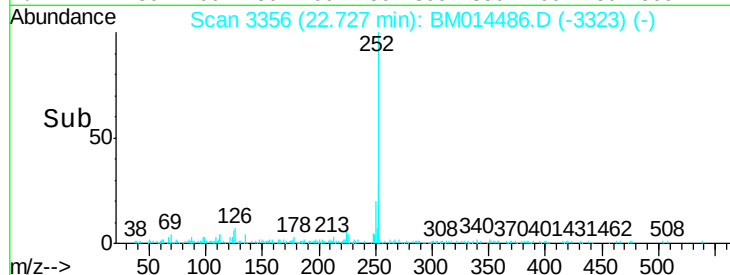
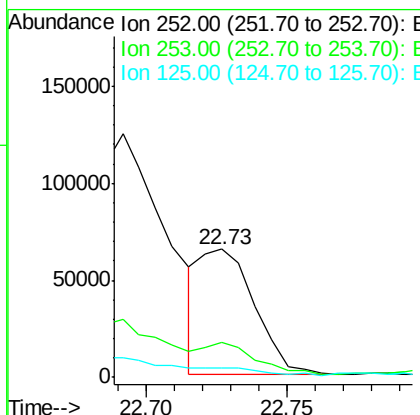
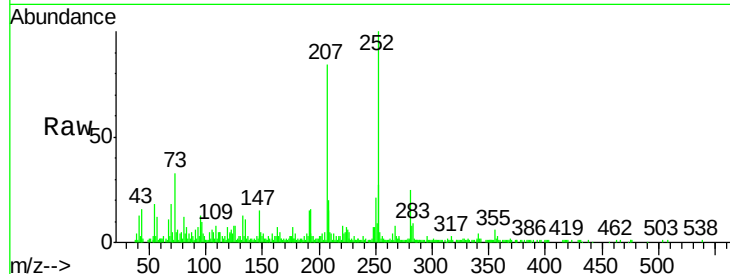
#86
Benzo(k)fluoranthene
Concen: 3.915 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM014486.D
Acq: 05 Mar 2018 23:11

Instrument :
BNA_M
ClientSampleId :
BE5T7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.1	25.7#
125	7.7	3.4	5.2#

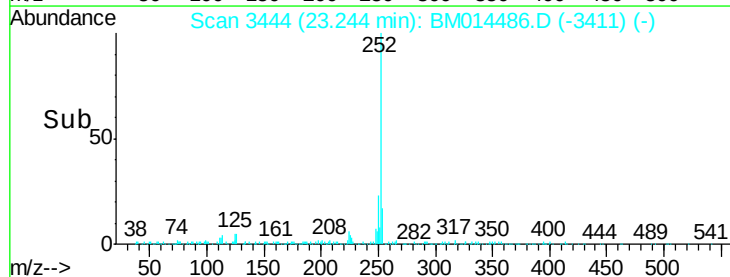
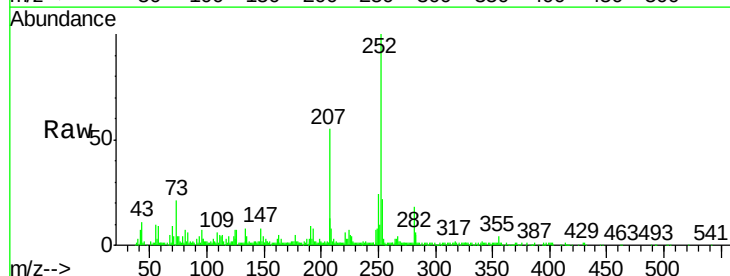
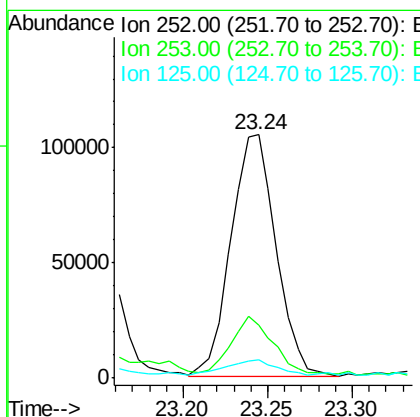
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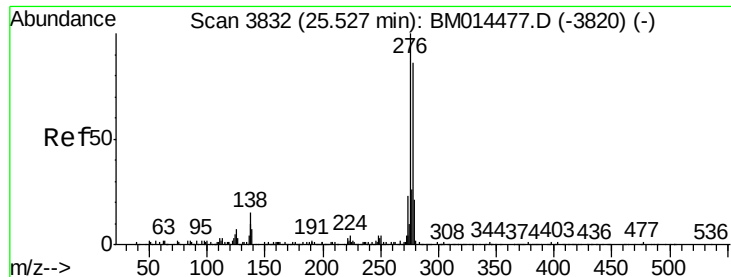
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#88
Benzo(a)pyrene
Concen: 9.463 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM014486.D
Acq: 05 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	7.3	4.0	6.0#





#89

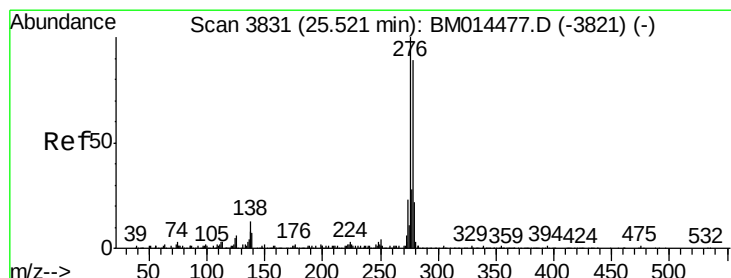
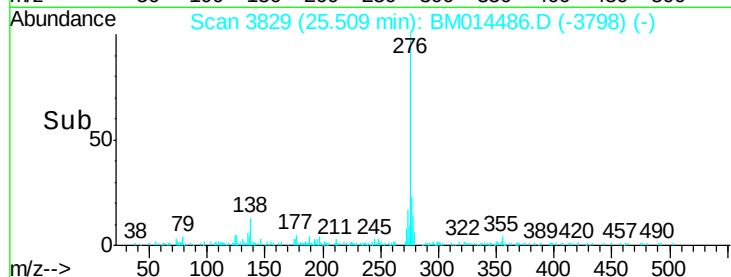
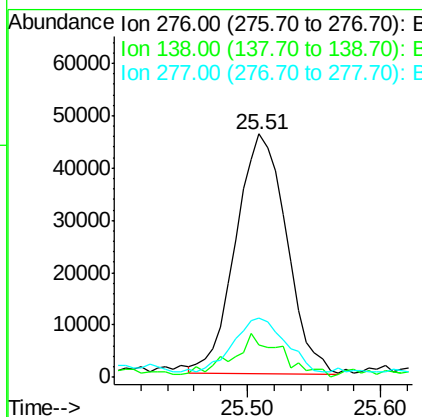
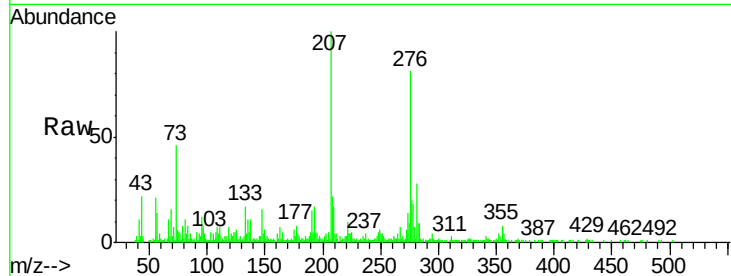
Indeno(1,2,3-cd)pyrene
Concen: 6.022 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. -0.02 min
Lab File: BM014486.D
Acq: 05 Mar 2018 23:11

Instrument :
BNA_M
ClientSampleId :
BE5T7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	24.3	19.9	29.9

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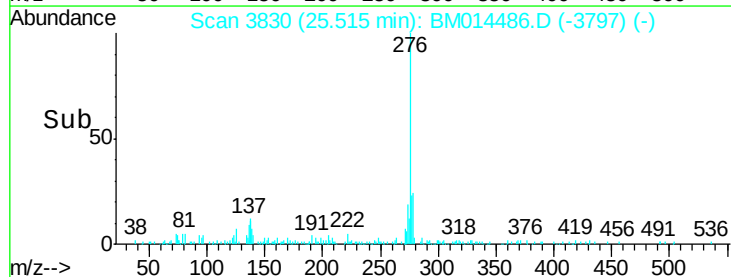
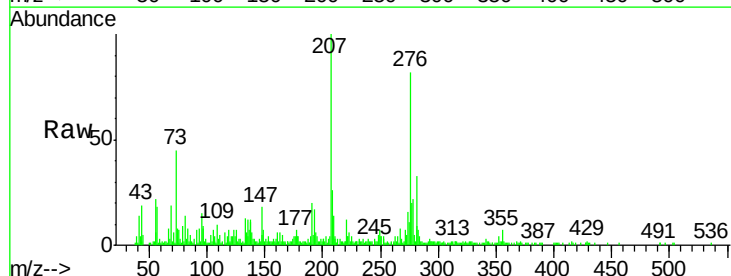
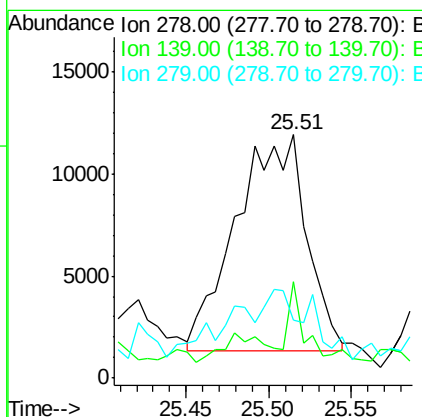
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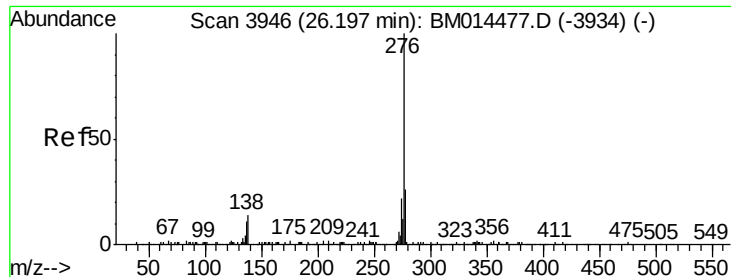


#90

Dibenzo(a,h)anthracene
Concen: 1.866 ng/ul m
RT: 25.51 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BM014486.D
Acq: 05 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.9	5.8	8.8#
279	23.8	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 5.850 ng/ul

RT: 26.19 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM014486.D

Acq: 05 Mar 2018 23:11

Instrument :

BNA_M

ClientSampleId :

BE5T7DL

Tot Ion:	276	Resp:	95131
Ion Ratio	Lower	Upper	
276	100		
138	12.8	8.5	12.7#
277	27.0	18.6	28.0

Manual Integrations
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