

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013786.D
 Acq On : 25 Jan 2018 02:01
 Operator : SJ/JU
 Sample : J1174-13DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A48DL

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:42 PM

Quant Time: Jan 25 04:22:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	142412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	591436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	343698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	742278	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	806321	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	816508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	700	0.19	ng/uL	0.00
5) Phenol-d5	6.79	99	22775	2.08	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	19007	2.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	18071	2.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	17208	2.05	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	9765	2.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	10230	2.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	17944	1.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	11769	1.45	ng/ul	0.01
43) Dimethylphthalate-d6	13.66	166	65015	2.30	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	79998	2.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	867	0.19	ng/ul	0.00
57) Fluorene-d10	15.24	176	60339	2.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	6670	1.49	ng/ul	0.02
70) Anthracene-d10	17.10	188	89503	2.48	ng/ul	0.00
76) Pyrene-d10	19.40	212	99082	2.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	93015	2.48	ng/ul	0.00

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.04	142	240309	10.954	ng/ul	93
49) Acenaphthene	14.31	153	467419	20.420	ng/ul	99
53) Dibenzofuran	14.65	168	157294	4.568	ng/ul	93
58) Fluorene	15.30	166	488225	17.308	ng/ul	98
69) Phenanthrene	17.04	178	2870960	69.582	ng/ul	99
71) Anthracene	17.13	178	407249	9.569	ng/ul	96
74) Fluoranthene	19.07	202	2484298	50.441	ng/ul#	95
77) Pyrene	19.43	202	1730327	35.299	ng/ul#	96
80) Benzo(a)anthracene	21.19	228	276378	5.673	ng/ul	98
82) Chrysene	21.24	228	333313	7.457	ng/ul	98
85) Benzo(b)fluoranthene	22.74	252	189615	3.781	ng/ul#	92
86) Benzo(k)fluoranthene	22.79	252	73666m	1.520	ng/ul	
88) Benzo(a)pyrene	23.30	252	73789	1.558	ng/ul#	90

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

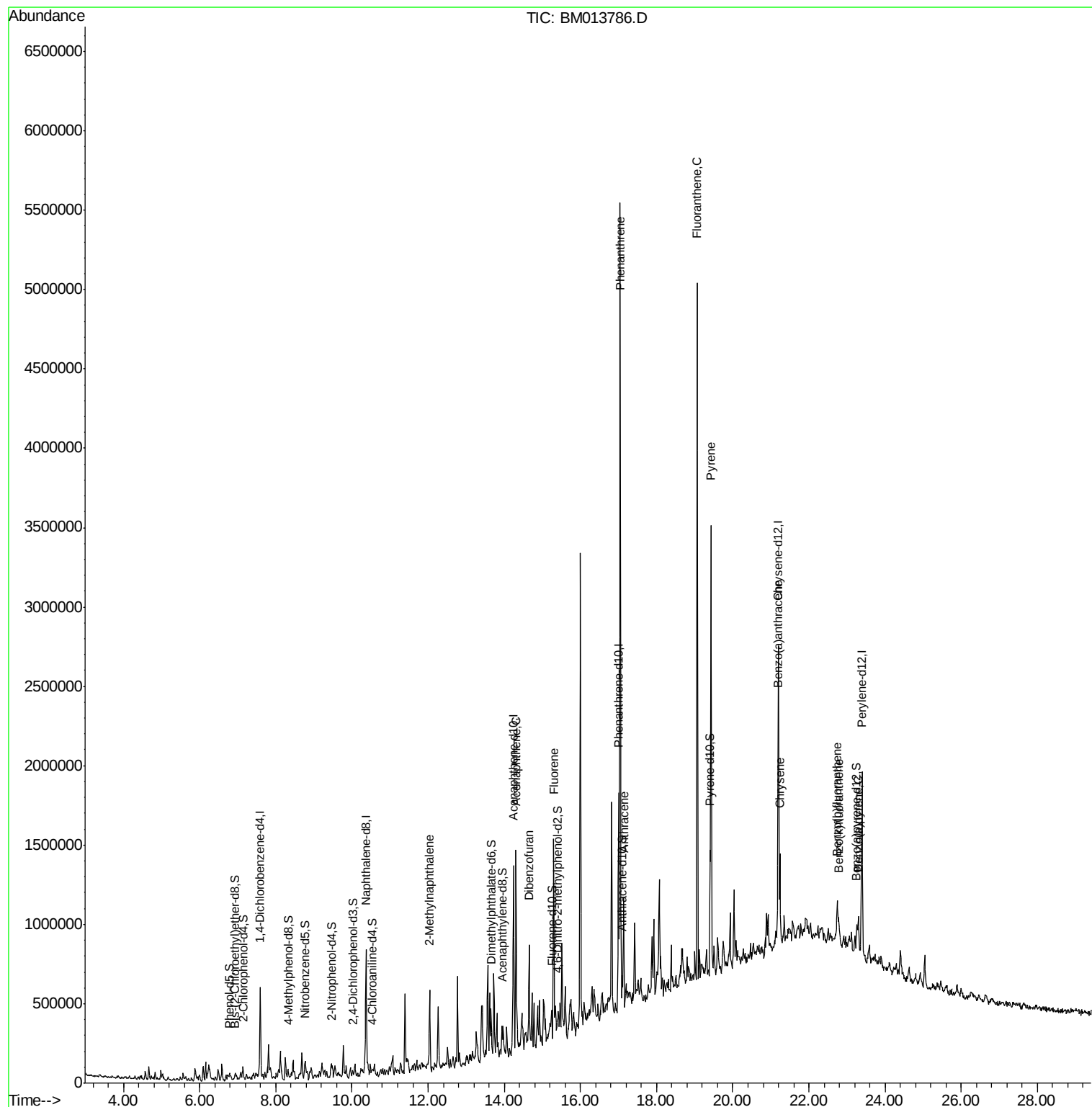
Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

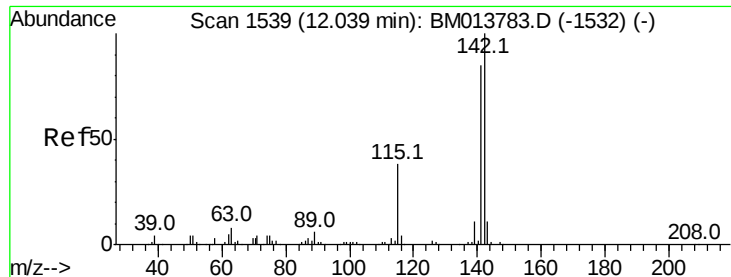
Instrument :
BNA_M
ClientSampleId :
F6A48DL

Manual Integrations
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1/25/2018 5:35:42 PM

Quant Time: Jan 25 04:22:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 10.954 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

Instrument :

BNA_M

ClientSampleId :

F6A48DL

Tot Ion:142 Resp: 240309

Ion Ratio Lower Upper

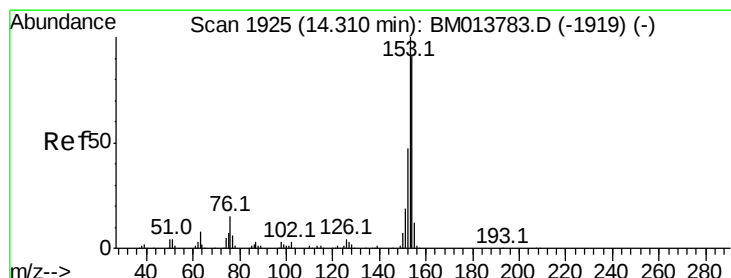
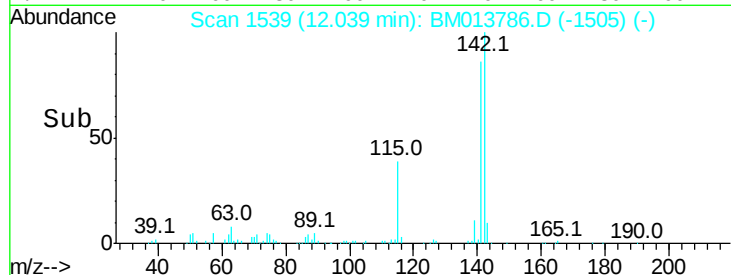
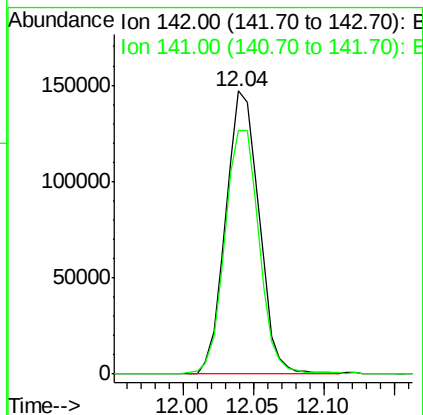
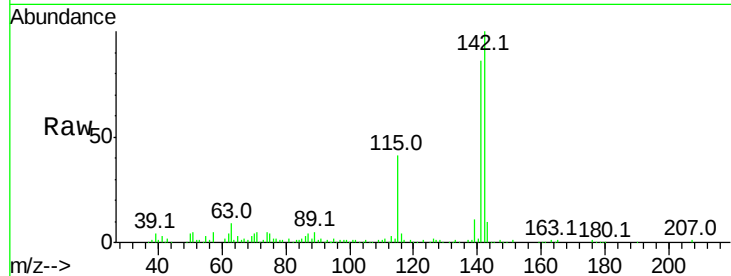
142 100

141 86.2 74.1 111.1

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#49

Acenaphthene

Concen: 20.420 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

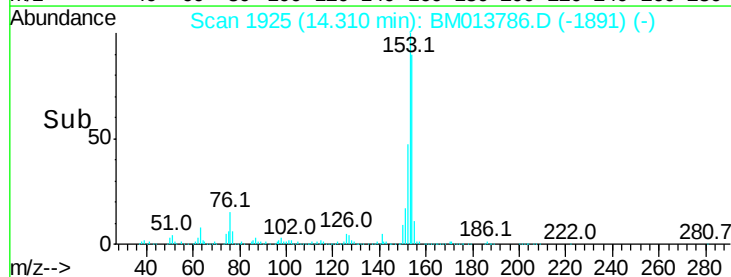
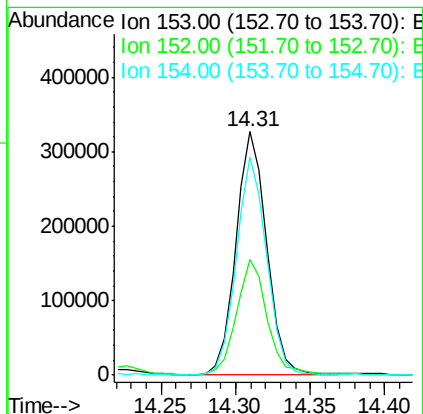
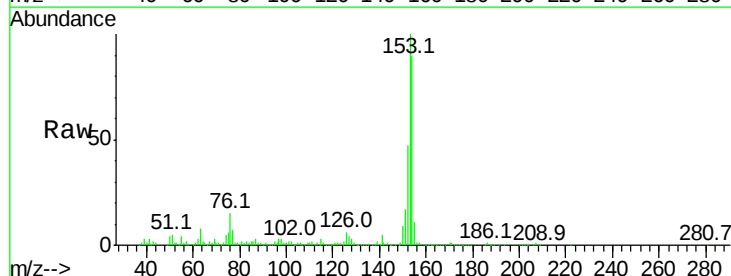
Tgt Ion:153 Resp: 467419

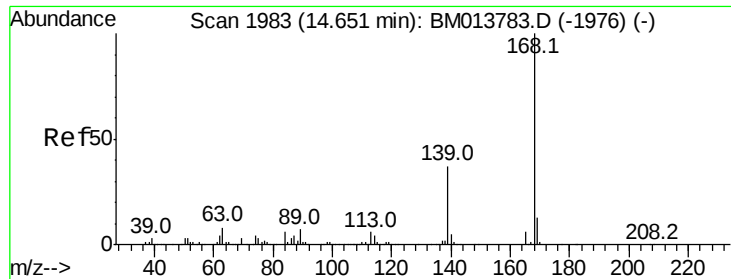
Ion Ratio Lower Upper

153 100

152 47.4 37.6 56.4

154 89.7 70.4 105.6





#53

Dibenzofuran

Concen: 4.568 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

Instrument :

BNA_M

ClientSampleId :

F6A48DL

Tot Ion:168 Resp: 157294

Ion Ratio Lower Upper

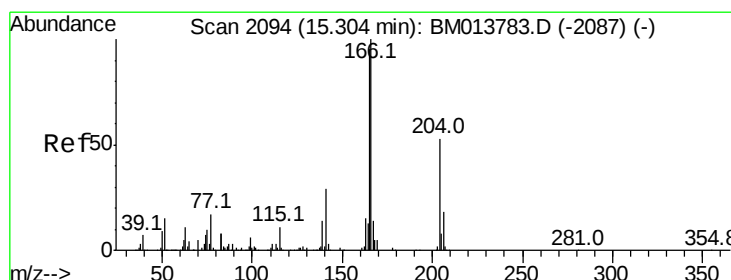
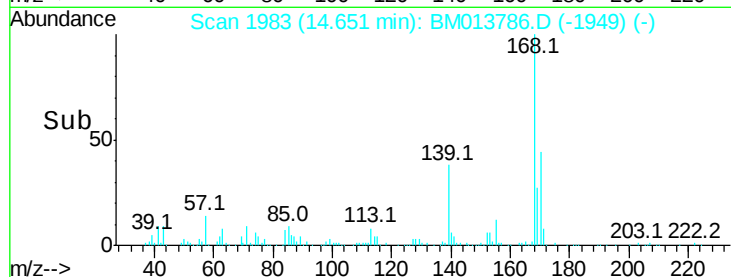
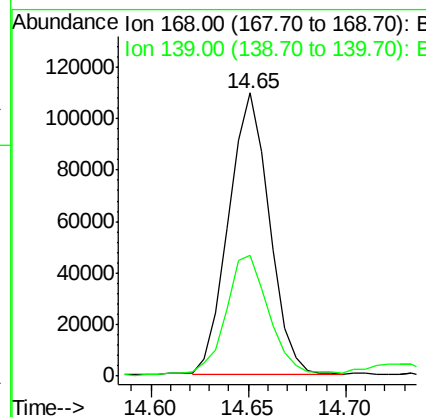
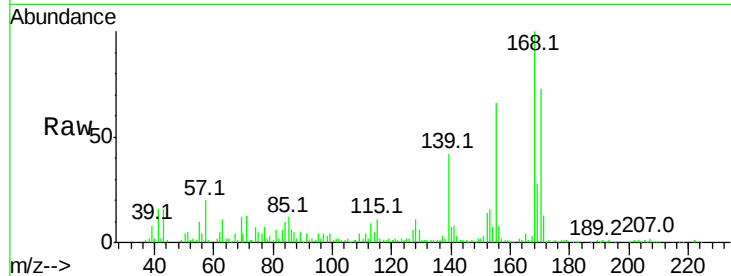
168 100

139 42.5 30.8 46.2

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#58

Fluorene

Concen: 17.308 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

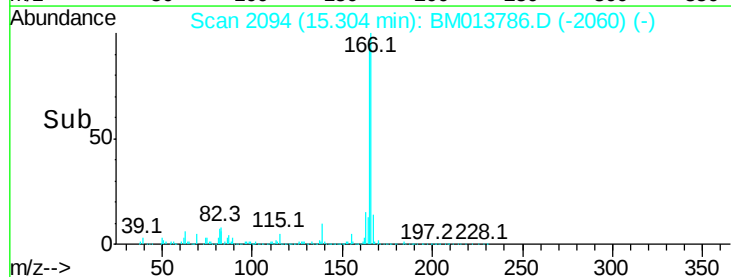
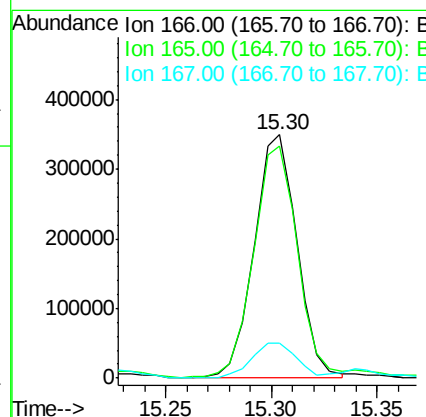
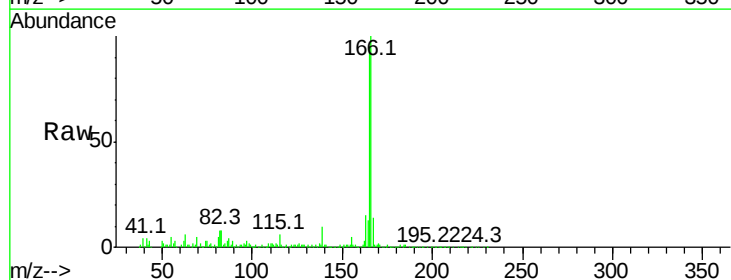
Tgt Ion:166 Resp: 488225

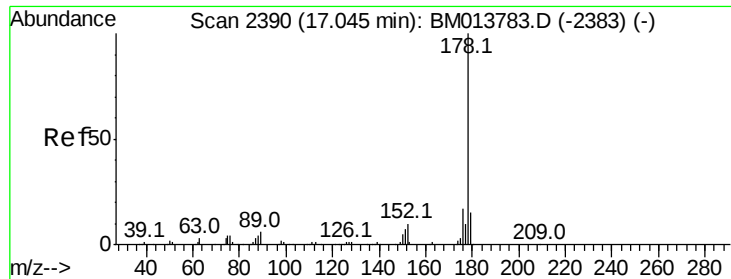
Ion Ratio Lower Upper

166 100

165 95.2 77.9 116.9

167 14.5 10.6 16.0





#69

Phenanthrene

Concen: 69.582 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

Instrument :

BNA_M

ClientSampled :

F6A48DL

Tot Ion:178 Resp: 2870960

Ion Ratio Lower Upper

178 100

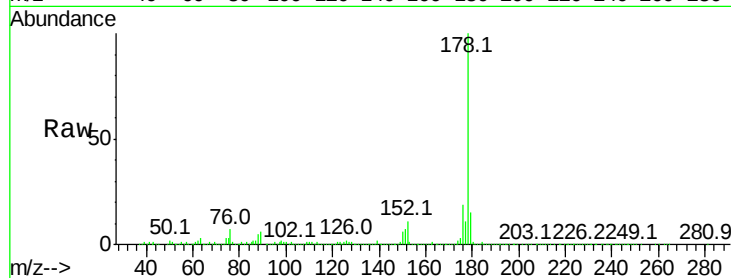
179 15.2 12.6 19.0

176 18.6 14.9 22.3

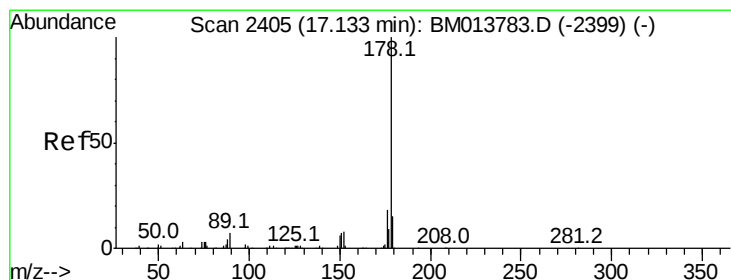
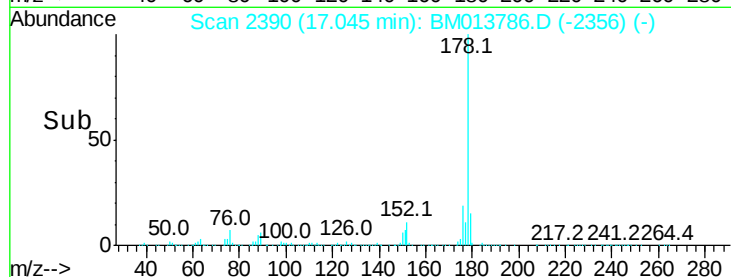
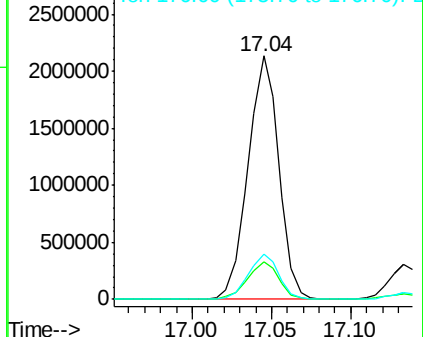
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 9.569 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

Tgt Ion:178 Resp: 407249

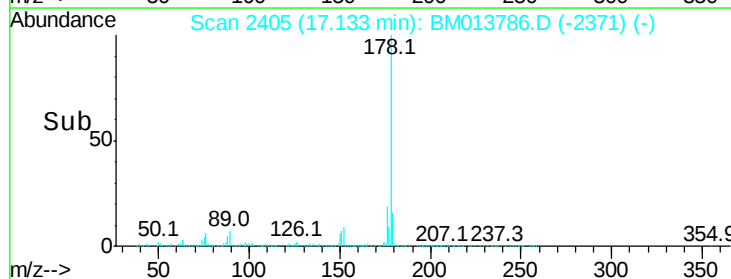
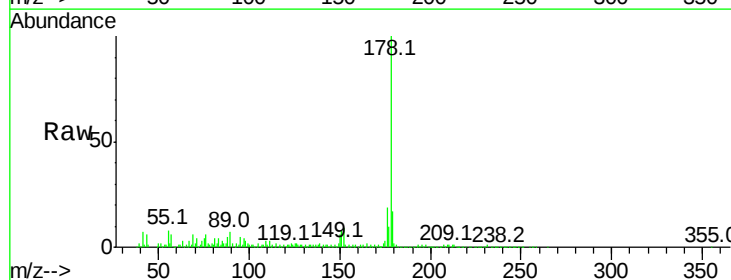
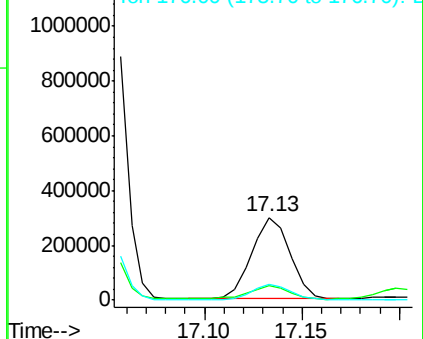
Ion Ratio Lower Upper

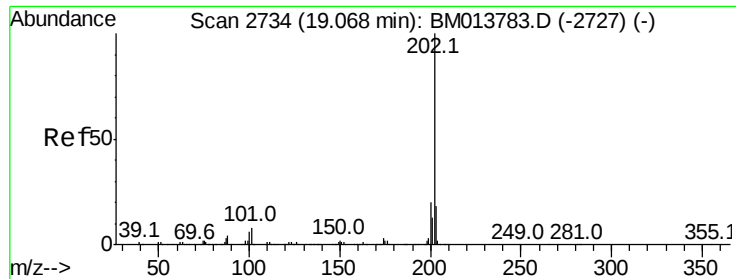
178 100

179 16.8 11.7 17.5

176 19.2 14.6 21.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





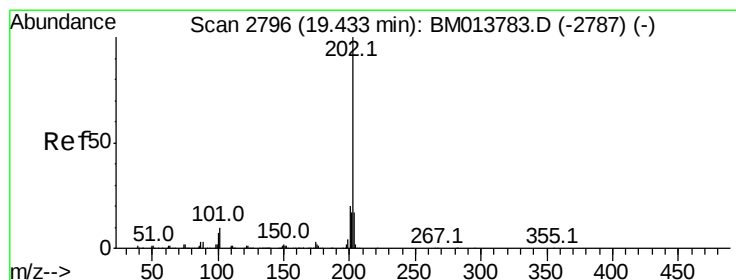
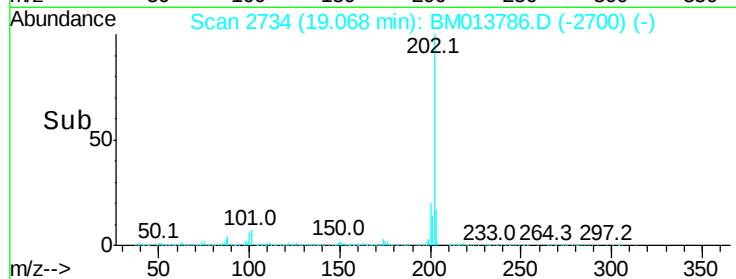
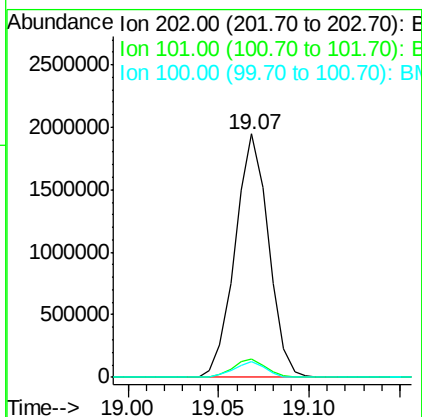
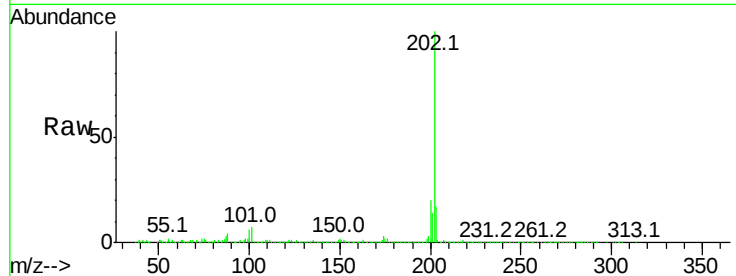
#74
 Fluoranthene
 Concen: 50.441 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BM013786.D
 Acq: 25 Jan 2018 02:01

Instrument :
 BNA_M
 ClientSampleID :
 F6A48DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	6.3	3.4	5.2#

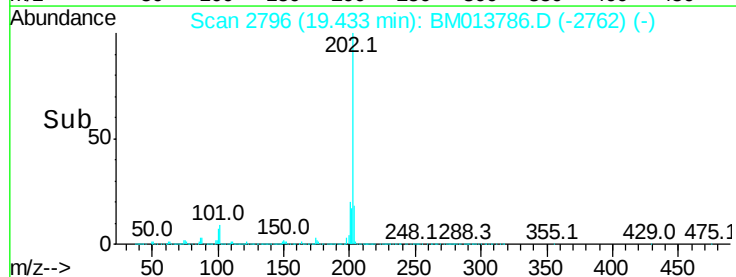
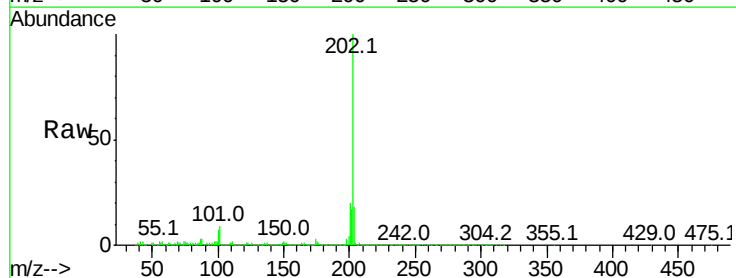
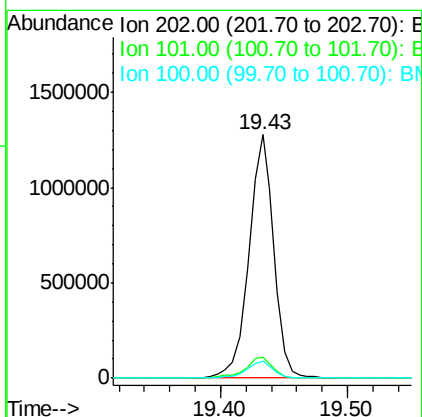
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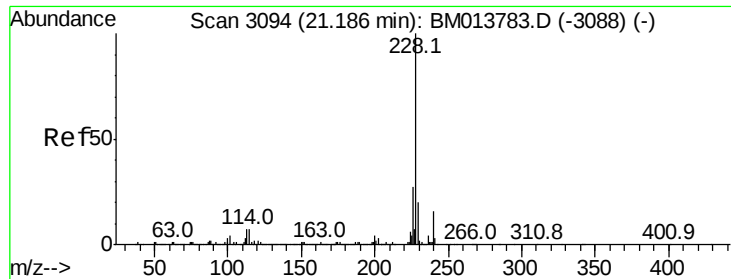
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#77
 Pyrene
 Concen: 35.299 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BM013786.D
 Acq: 25 Jan 2018 02:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	7.0	4.9	7.3





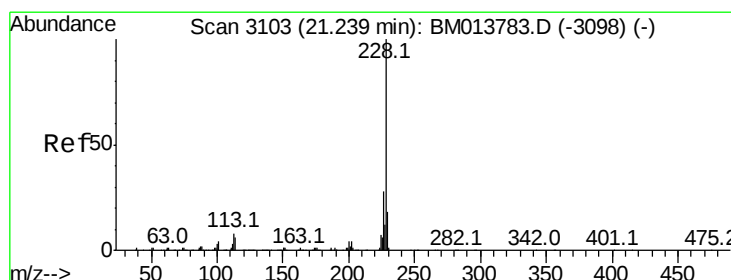
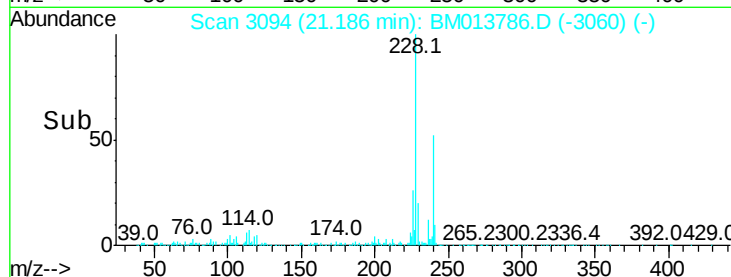
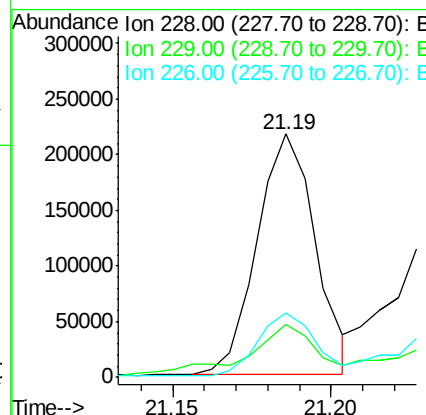
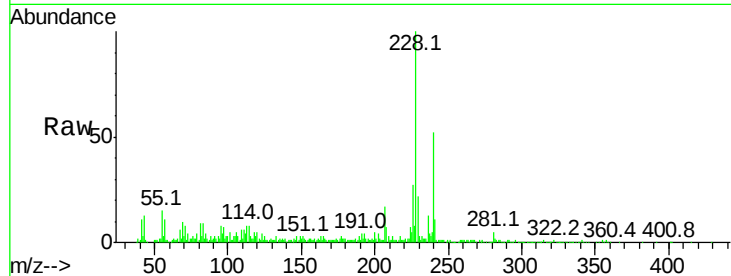
#80
Benzo(a)anthracene
Concen: 5.673 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM013786.D
Acq: 25 Jan 2018 02:01

Instrument :
BNA_M
ClientSampled :
F6A48DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	276378		
229	21.7		15.4	23.0
226	26.7		21.4	32.0

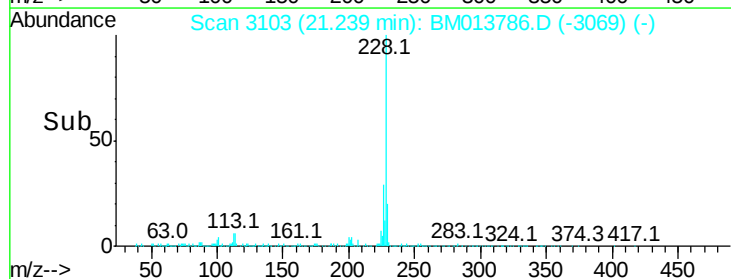
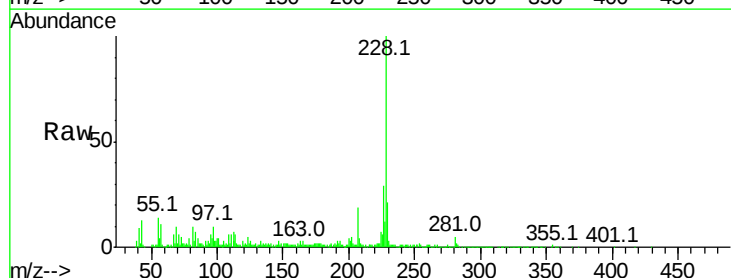
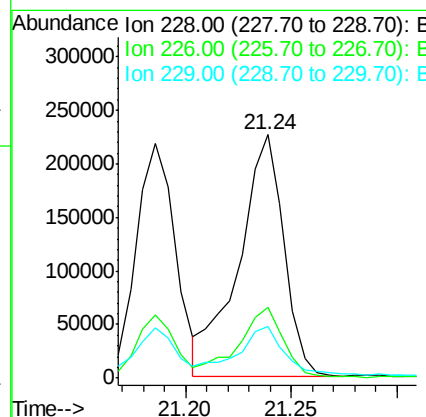
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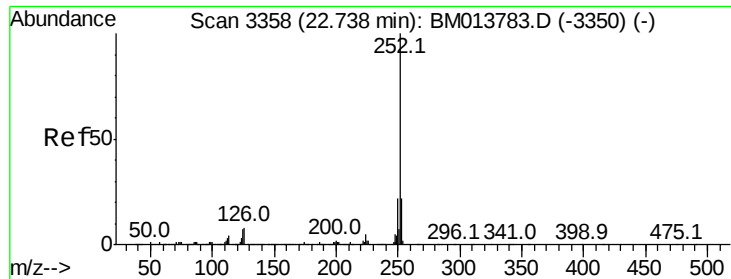
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#82
Chrysene
Concen: 7.457 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM013786.D
Acq: 25 Jan 2018 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	333313		
226	29.1		23.4	35.2
229	21.2		15.5	23.3





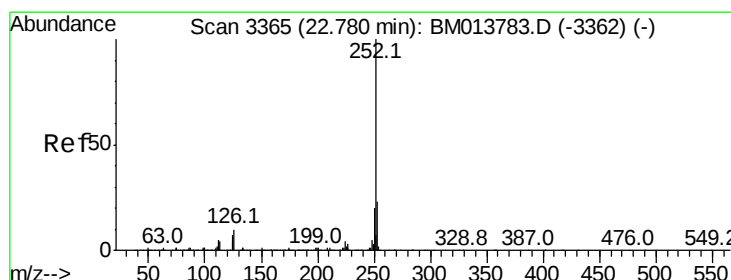
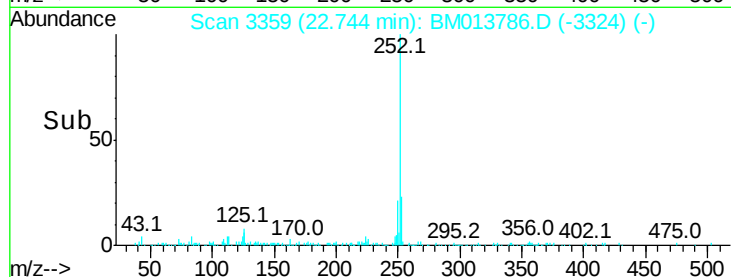
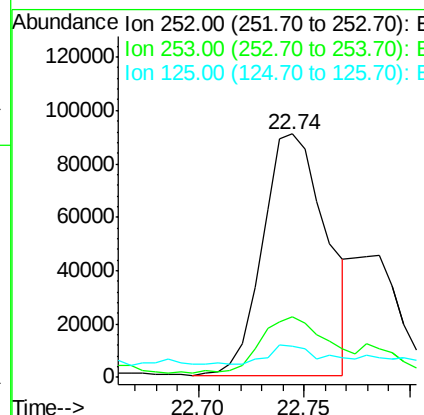
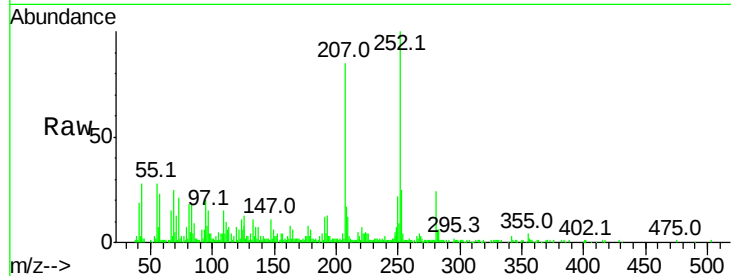
#85
Benzo(b)fluoranthene
Concen: 3.781 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013786.D
Acq: 25 Jan 2018 02:01

Instrument :
BNA_M
ClientSampleId :
F6A48DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	12.8	3.6	5.4

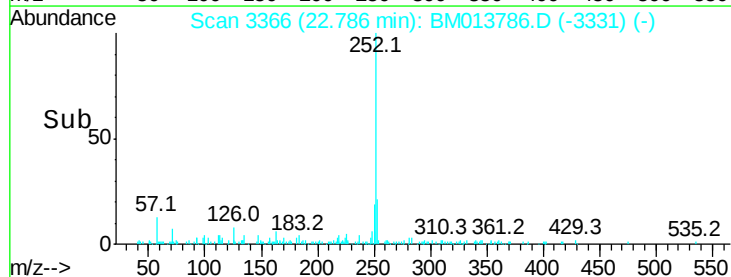
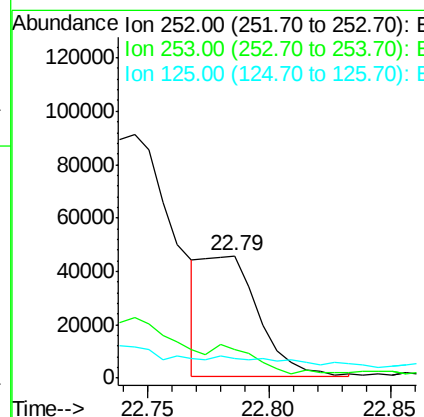
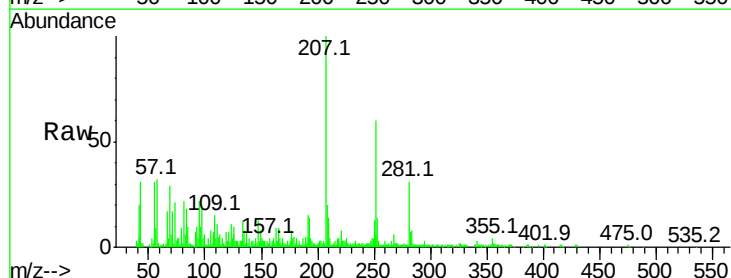
Manual Integrations
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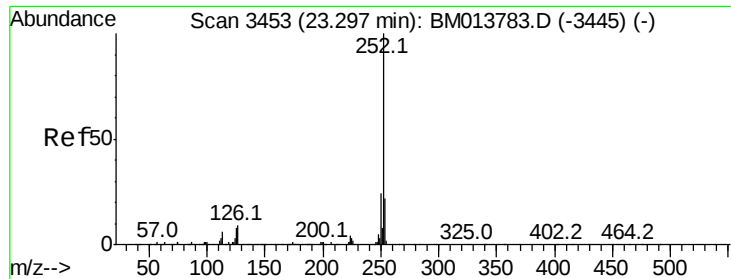
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#86
Benzo(k)fluoranthene
Concen: 1.520 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM013786.D
Acq: 25 Jan 2018 02:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 1.558 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM013786.D

Acq: 25 Jan 2018 02:01

Instrument :

BNA_M

ClientSampleId :

F6A48DL

Tot Ion:	252	Resp:	73789
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.2	27.2
125	12.4	4.0	6.0

Manual Integrations
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