

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018190.D
 Acq On : 15 Dec 2018 05:11
 Operator : JU/SJ
 Sample : J6238-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE7Z4

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:17:31 PM

Quant Time: Dec 15 06:07:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 15 03:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	176752	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	761703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	395716	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.92	188	734926	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	631349	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	689787	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	9995	2.70	ng/uL	0.00
5) Phenol-d5	6.70	99	220673	12.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	140451	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	181683	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	139055	10.09	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	91421	14.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	99478	13.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	170810	13.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	21061	1.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.59	166	534077	15.26	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	655237	15.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	51573	8.16	ng/ul	0.00
57) Fluorene-d10	15.16	176	436895	15.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	25520	4.56	ng/ul	0.00
70) Anthracene-d10	17.02	188	572348	15.41	ng/ul	0.00
78) Pyrene-d10	19.33	212	530606	17.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	584277	15.29	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.73	94	45862	2.746	ng/ul#	90
34) 2-Methylnaphthalene	11.95	142	125994	4.144	ng/ul	99
44) Dimethylphthalate	13.63	163	81451	2.444	ng/ul	97
69) Phenanthrene	16.96	178	273484	6.375	ng/ul	97
76) Fluoranthene	18.99	202	413668	8.313	ng/ul	98
79) Pyrene	19.36	202	396981	10.510	ng/ul	98
82) Benzo(a)anthracene	21.12	228	202620m	5.071	ng/ul	
84) Chrysene	21.17	228	237437	6.368	ng/ul	97
87) Benzo(b)fluoranthene	22.67	252	319212	7.765	ng/ul#	86
88) Benzo(k)fluoranthene	22.70	252	92762	2.268	ng/ul#	76
90) Benzo(a)pyrene	23.21	252	227466	5.610	ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	25.46	276	161439	3.509	ng/ul#	89
93) Benzo(g,h,i)perylene	26.11	276	177388	4.626	ng/ul#	87

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

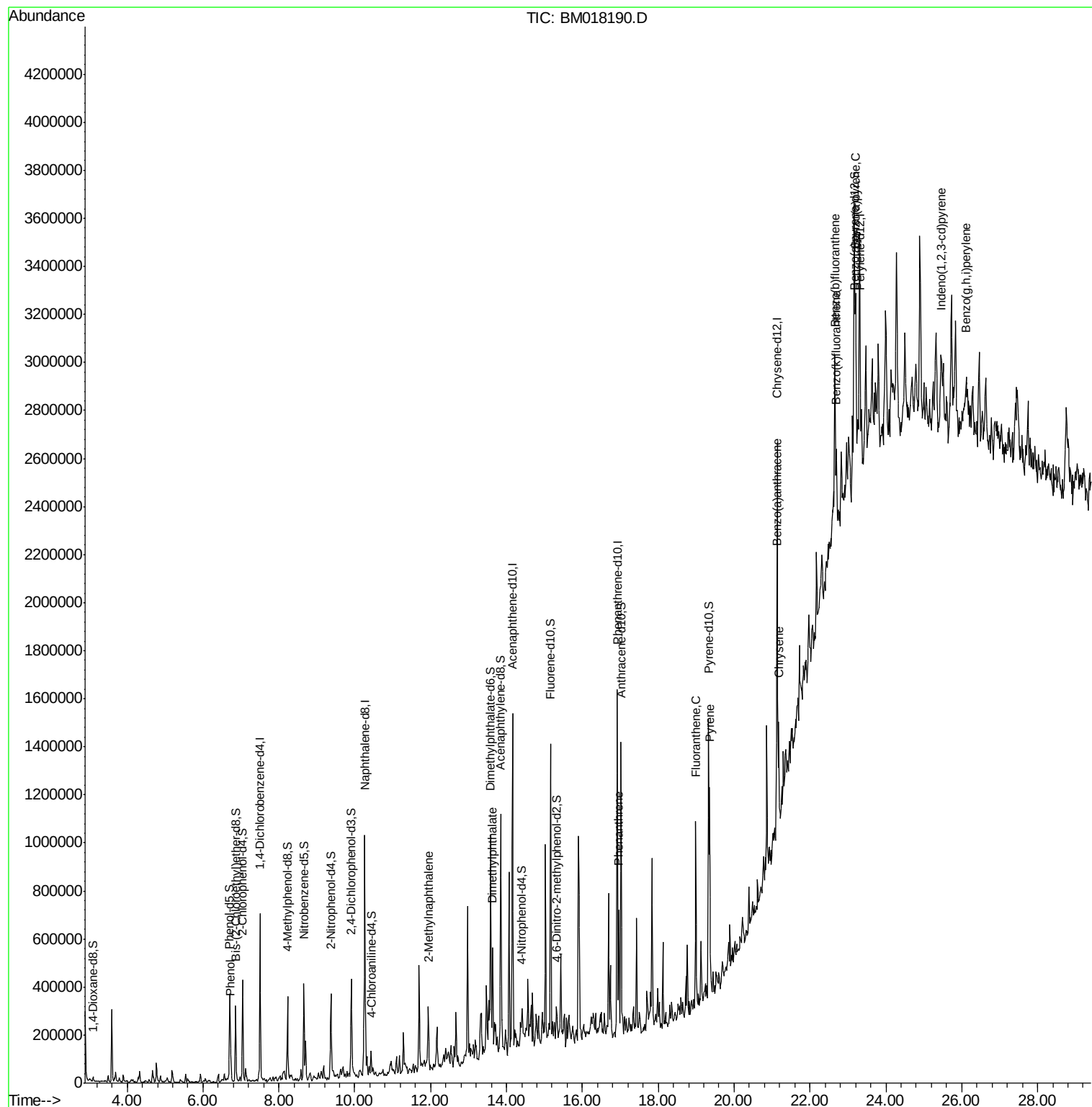
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018190.D
Acq On : 15 Dec 2018 05:11
Operator : JU/SJ
Sample : J6238-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

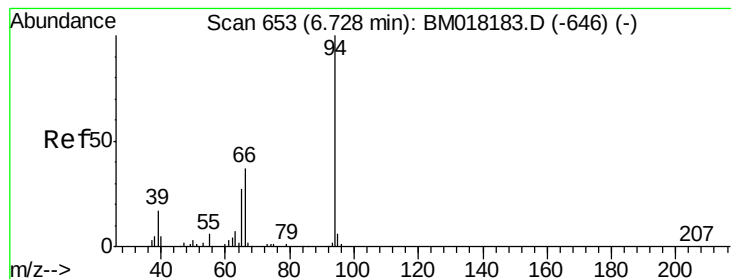
Instrument :
BNA_M
ClientSampleId :
BE7Z4

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Quant Time: Dec 15 06:07:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.746 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

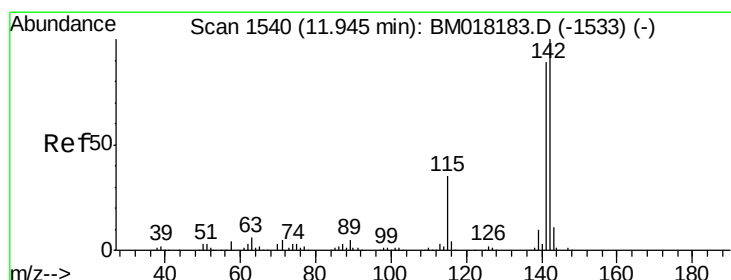
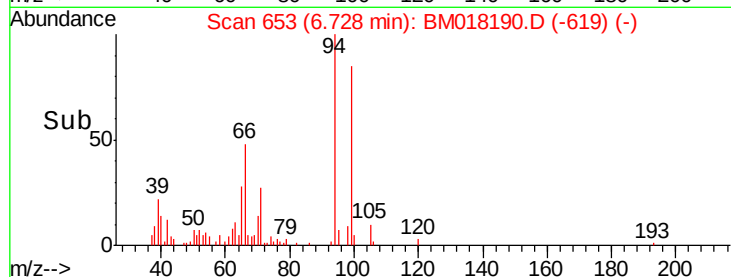
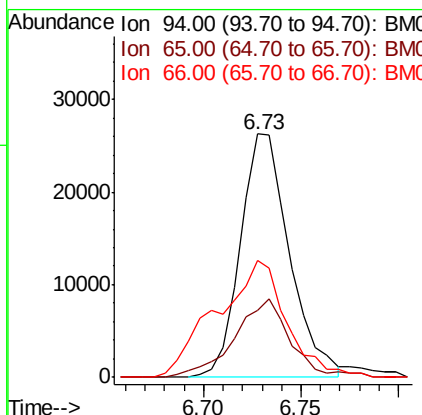
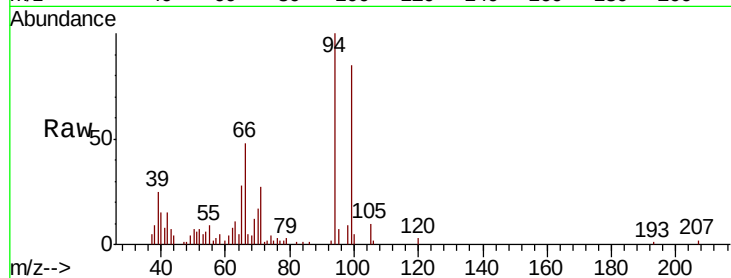
ClientSampleId :

BE7Z4

Tot Ion:	94	Resp:	45862
Ion	Ratio	Lower	Upper
94	100		
65	27.5	22.0	33.0
66	48.0	30.3	45.5#

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#34

2-Methylnaphthalene

Concen: 4.144 ng/ul

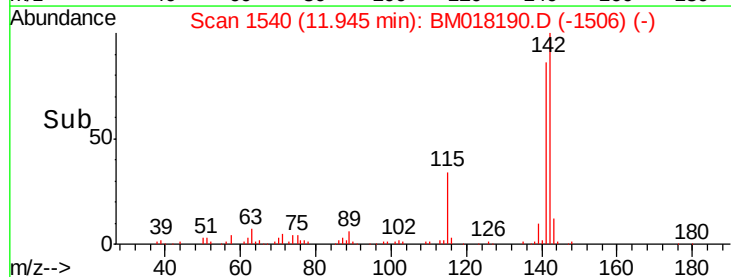
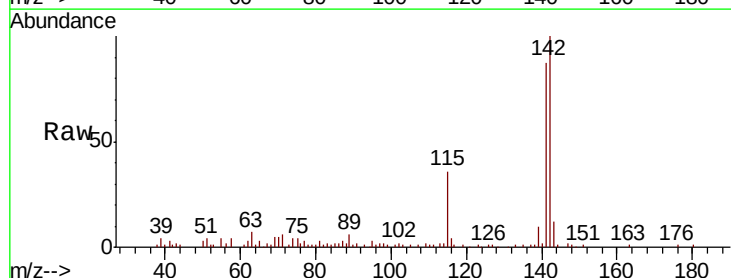
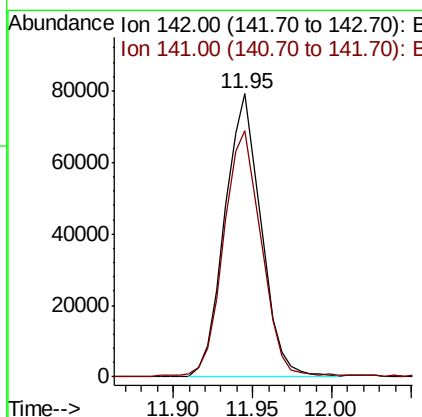
RT: 11.95 min Scan# 1540

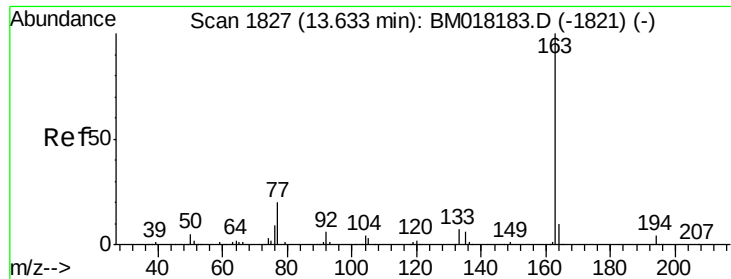
Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Tgt Ion:	142	Resp:	125994
Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.0	103.4





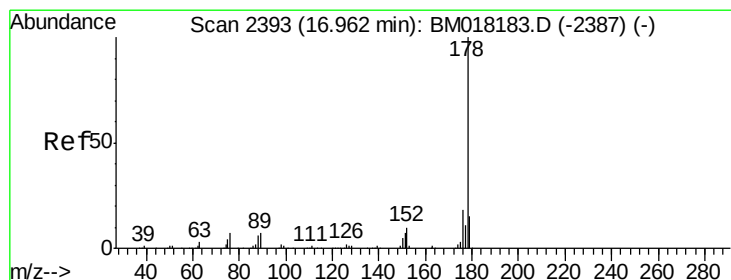
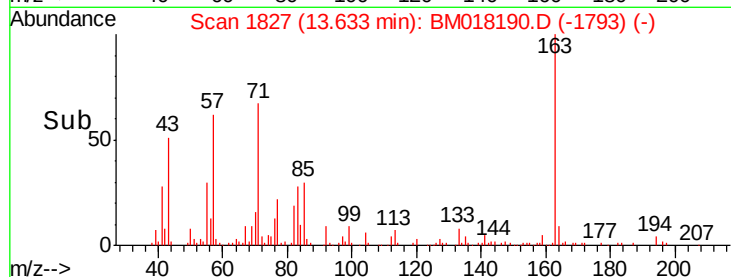
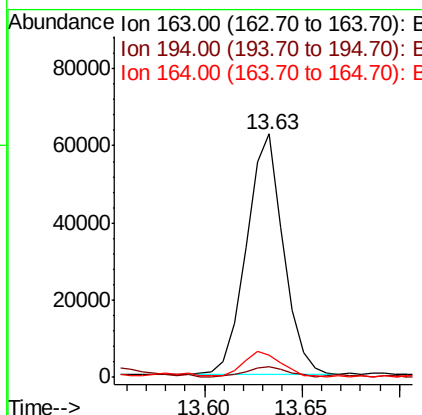
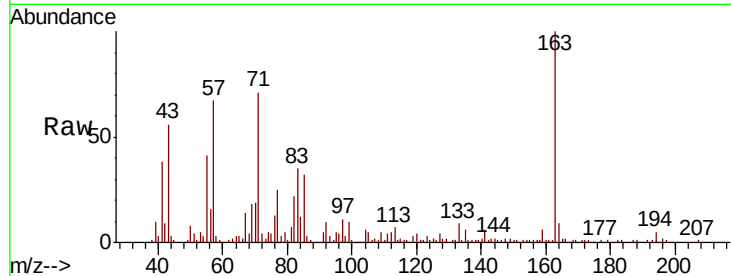
#44
Dimethylphthalate
Concen: 2.444 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM018190.D
Acq: 15 Dec 2018 05:11

Instrument :
BNA_M
ClientSampled :
BE7Z4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	9.0	8.2	12.4

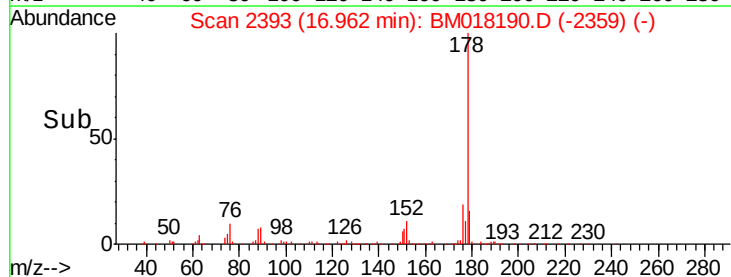
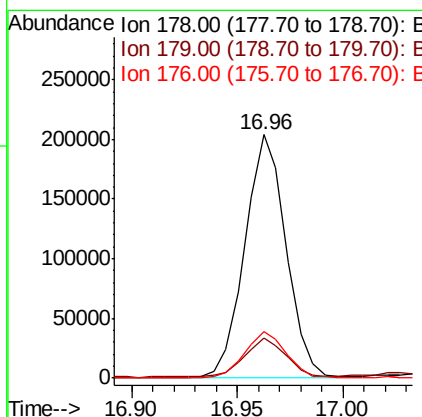
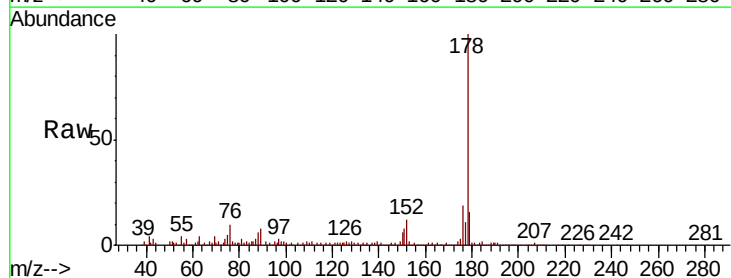
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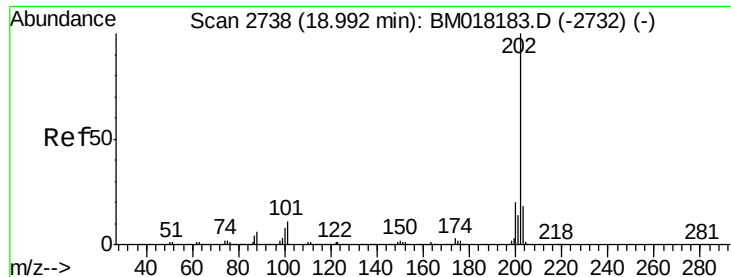
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#69
Phenanthrene
Concen: 6.375 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018190.D
Acq: 15 Dec 2018 05:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	19.1	14.3	21.5





#76

Fluoranthene

Concen: 8.313 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

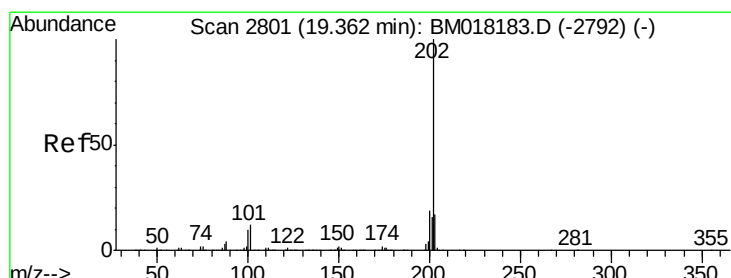
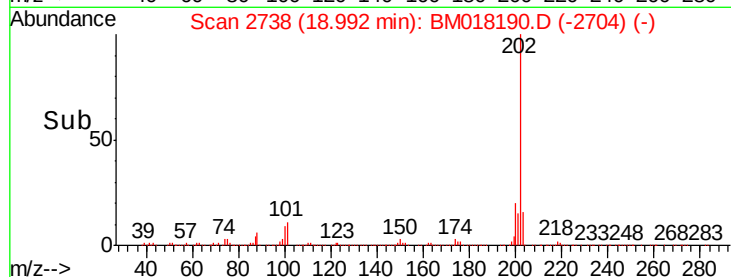
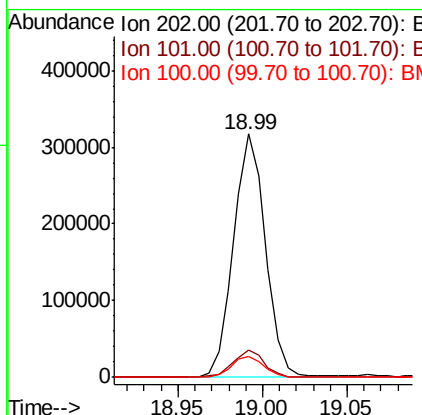
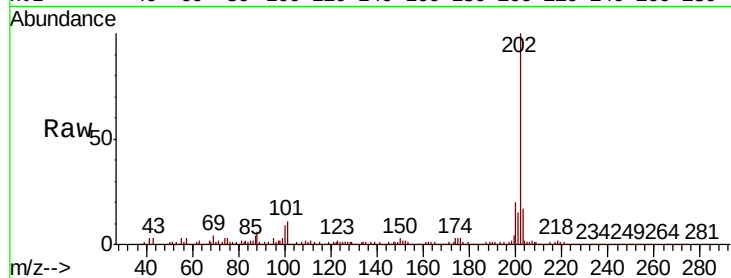
ClientSampleId :

BE7Z4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		413668		
101	11.0	8.0	12.0		
100	8.6	6.6	10.0		

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#79

Pyrene

Concen: 10.510 ng/ul

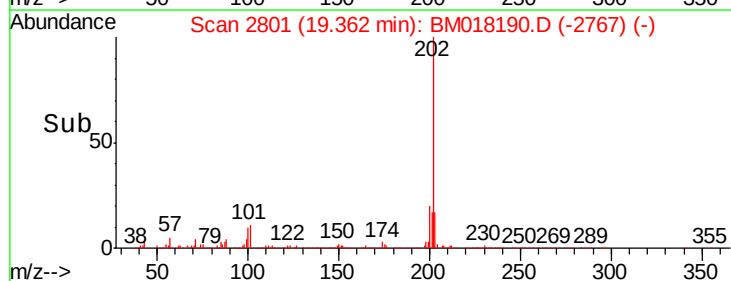
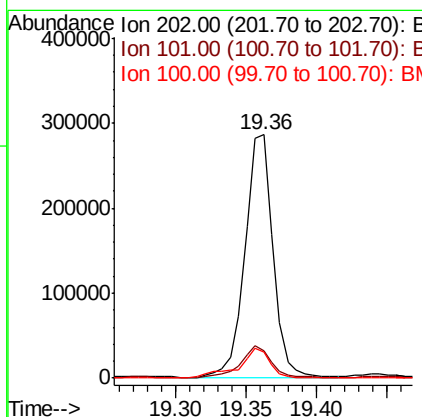
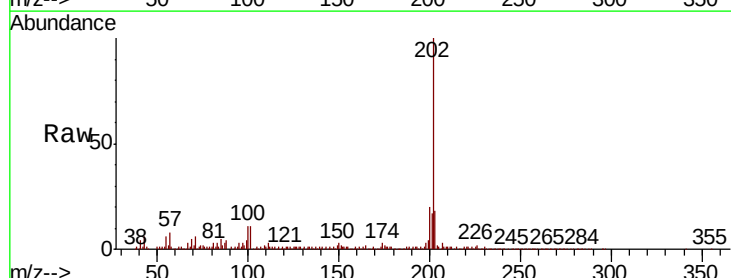
RT: 19.36 min Scan# 2801

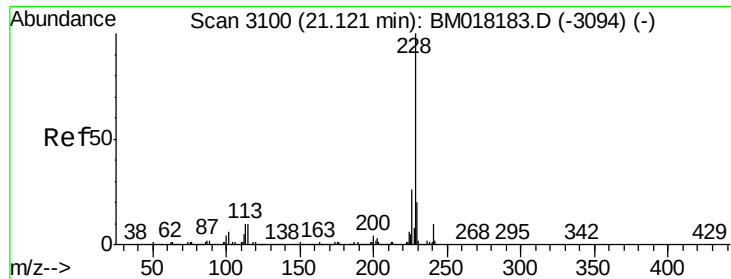
Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		396981		
101	11.4	9.6	14.4		
100	10.6	7.7	11.5		





#82

Benzo(a)anthracene

Concen: 5.071 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

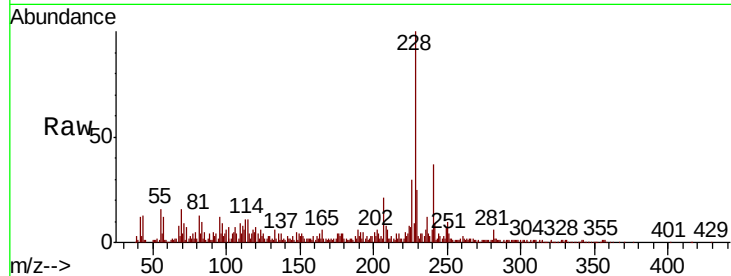
ClientSampled :

BE7Z4

Tot Ion:	228	Resp:	202620
Ion Ratio	Lower	Upper	
228	100		
229	24.7	16.0	24.0#
226	29.6	20.5	30.7

Manual Integrations
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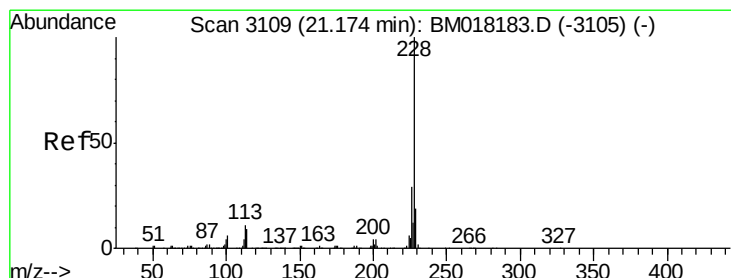
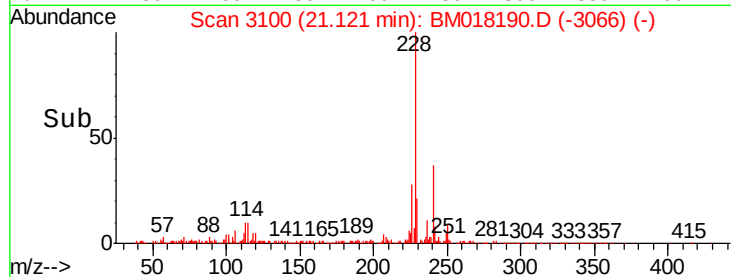
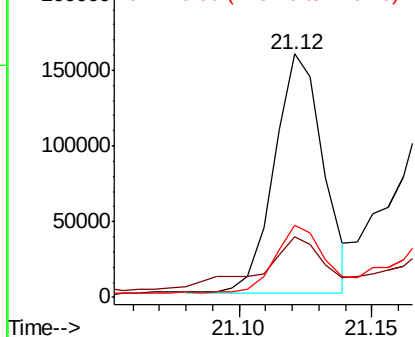


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 6.368 ng/ul

RT: 21.17 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

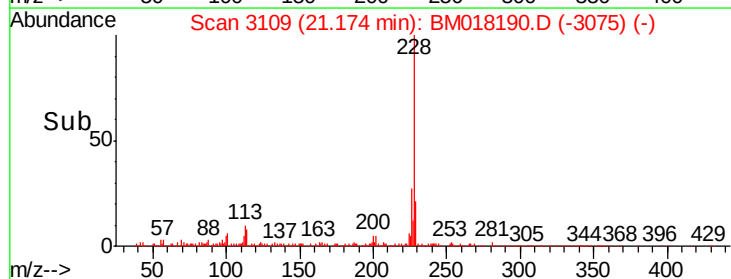
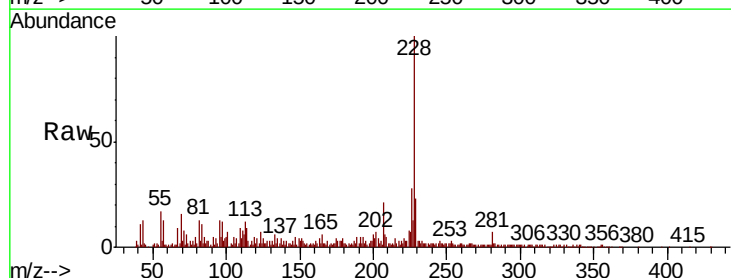
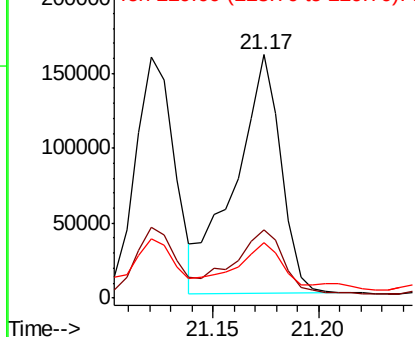
Tgt Ion:	228	Resp:	237437
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	23.0	15.5	23.3

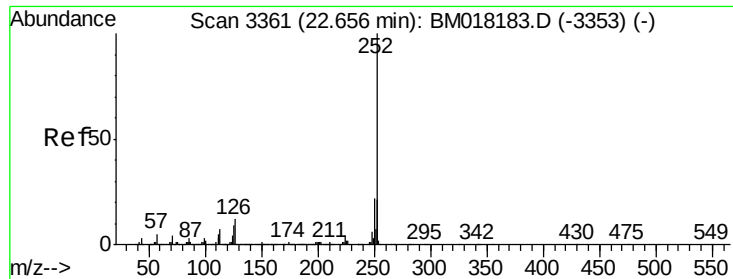
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 7.765 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM018190.D

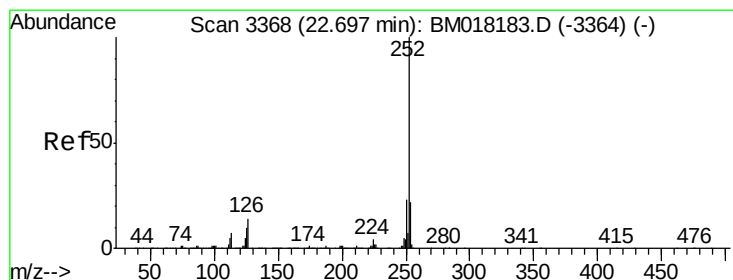
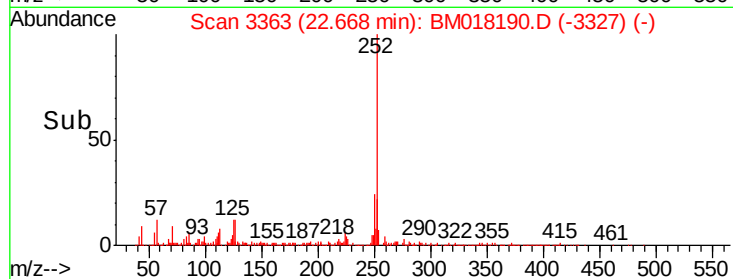
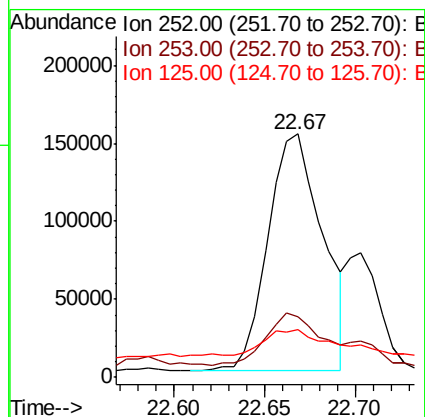
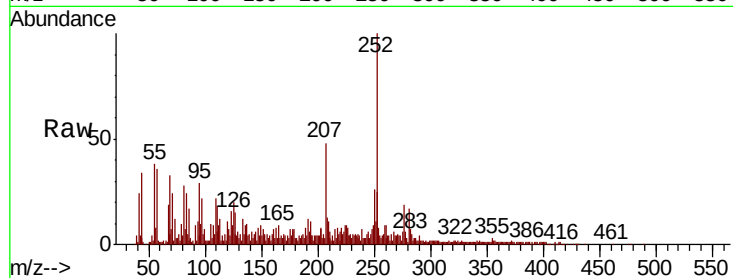
Acq: 15 Dec 2018 05:11

Instrument :
BNA_M
ClientSampleId :
BE7Z4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	19.9	7.8	11.6#

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#88

Benzo(k)fluoranthene

Concen: 2.268 ng/ul

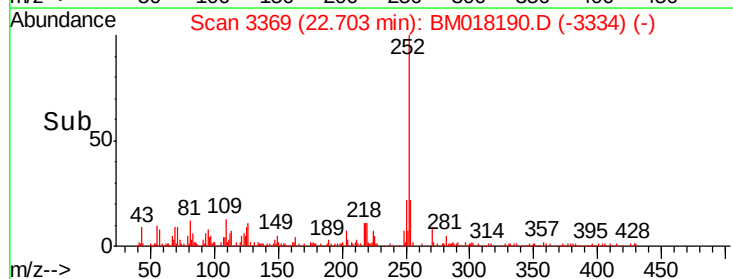
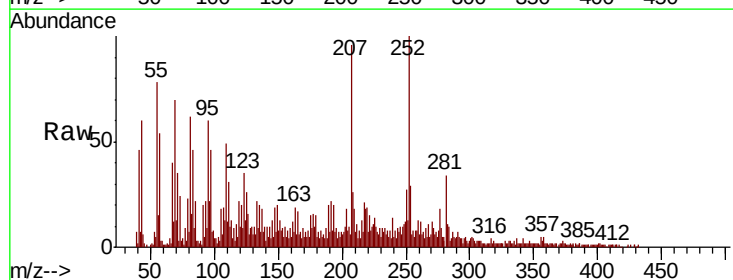
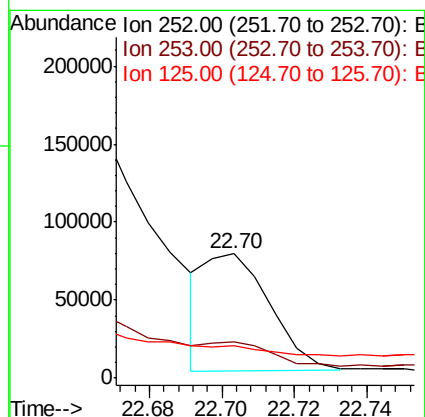
RT: 22.70 min Scan# 3369

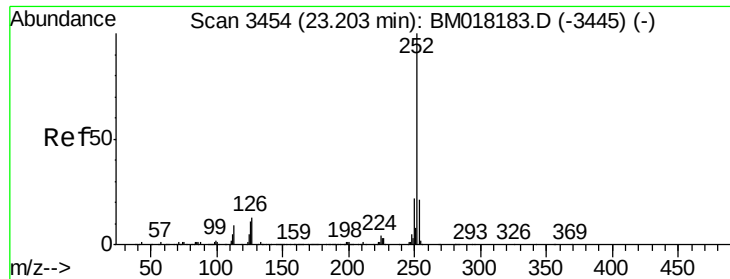
Delta R.T. 0.01 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.4	26.0#
125	25.7	7.8	11.8#





#90

Benzo(a)pyrene

Concen: 5.610 ng/ul

RT: 23.21 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

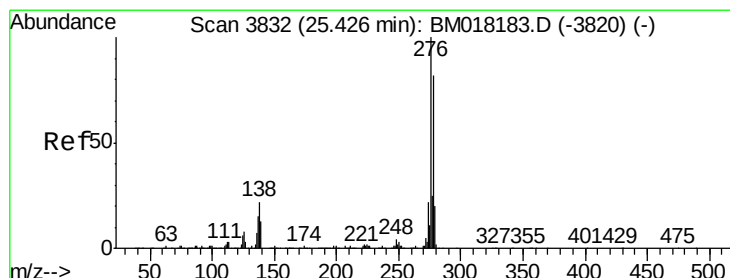
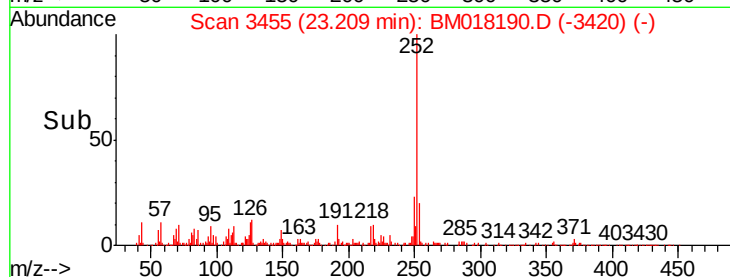
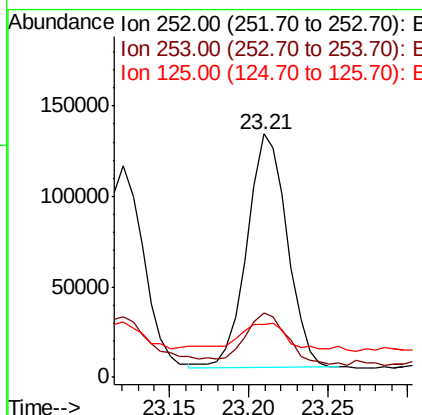
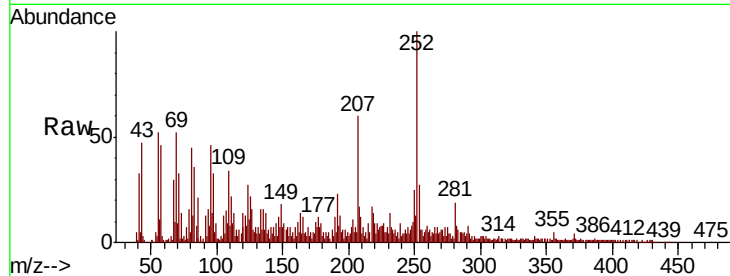
ClientSampled :

BE7Z4

Tot Ion:	252	Resp:	227466
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.4	26.0#
125	21.9	9.0	13.4#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 3.509 ng/ul

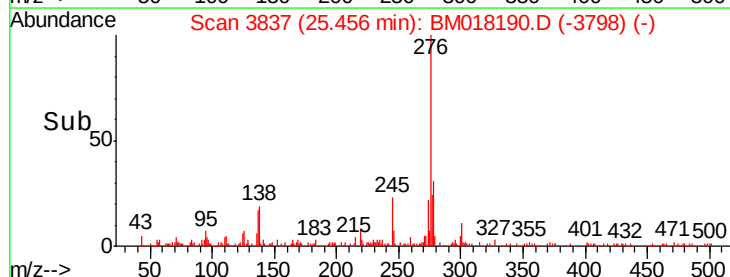
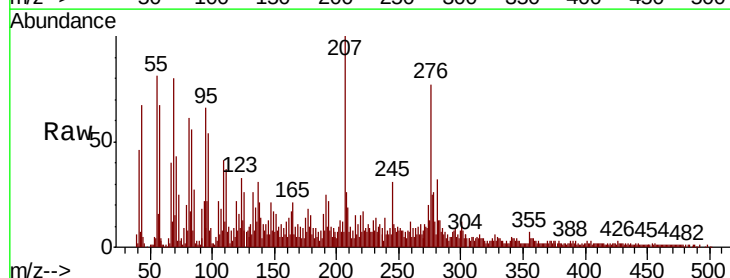
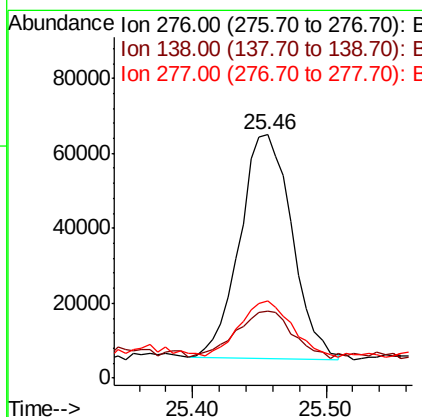
RT: 25.46 min Scan# 3837

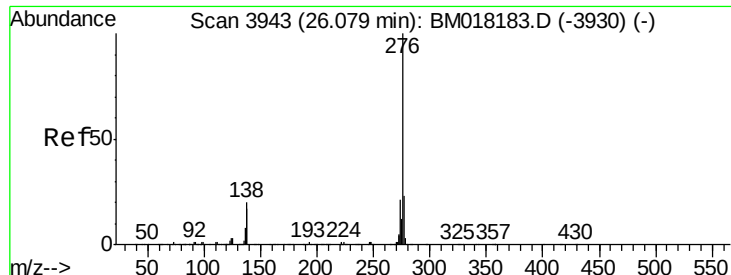
Delta R.T. 0.03 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Tgt Ion:	276	Resp:	161439
Ion Ratio	Lower	Upper	
276	100		
138	27.7	18.6	28.0
277	32.0	20.1	30.1#





#93

Benzo(a,h,i)perylene

Concen: 4.626 ng/ul

RT: 26.11 min Scan# 3949

Delta R.T. 0.04 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

Tot Ion: 276 Resp: 177388

Ion Ratio Lower Upper

276 100

138 25.8 15.4 23.2#

277 29.1 19.0 28.4#

Manual Integrations

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