

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013993.D
 Acq On : 30 Jan 2018 12:34
 Operator : SJ/JU
 Sample : J1244-10ME 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51ME

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:35:11 PM

Quant Time: Jan 30 13:46:39 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	77447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	314844	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	205594	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	510031	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	642225	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	636022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1291	0.66	ng/uL	0.00
5) Phenol-d5	6.76	99	28095m	4.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	15415	4.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	20010	4.13	ng/ul	0.01
13) 4-Methylphenol-d8	8.30	113	20669	4.52	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	13101m	5.36	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	11999	4.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	21227	4.26	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	25385	5.87	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	97958	5.78	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	117200	5.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	3570	1.30	ng/ul	0.06
57) Fluorene-d10	15.22	176	87458	5.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	6383	2.08	ng/ul	0.02
70) Anthracene-d10	17.07	188	143650m	5.78	ng/ul	0.00
76) Pyrene-d10	19.38	212	171011	5.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	170701	5.84	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	247847	15.823	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	158559	13.577	ng/ul	93
40) 1,1'-Biphenyl	13.05	154	44265	2.587	ng/ul	90
49) Acenaphthene	14.29	153	193514	14.133	ng/ul	94
53) Dibenzofuran	14.63	168	183849	8.925	ng/ul	98
58) Fluorene	15.28	166	179780	10.655	ng/ul	97
69) Phenanthrene	17.02	178	909258	32.072	ng/ul	100
71) Anthracene	17.12	178	110426m	3.776	ng/ul	
74) Fluoranthene	19.04	202	536628	15.857	ng/ul#	97
77) Pyrene	19.41	202	358991	9.195	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	79841	2.057	ng/ul	99
82) Chrysene	21.22	228	63459m	1.783	ng/ul	
85) Benzo(b)fluoranthene	22.73	252	42684	1.093	ng/ul#	95

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

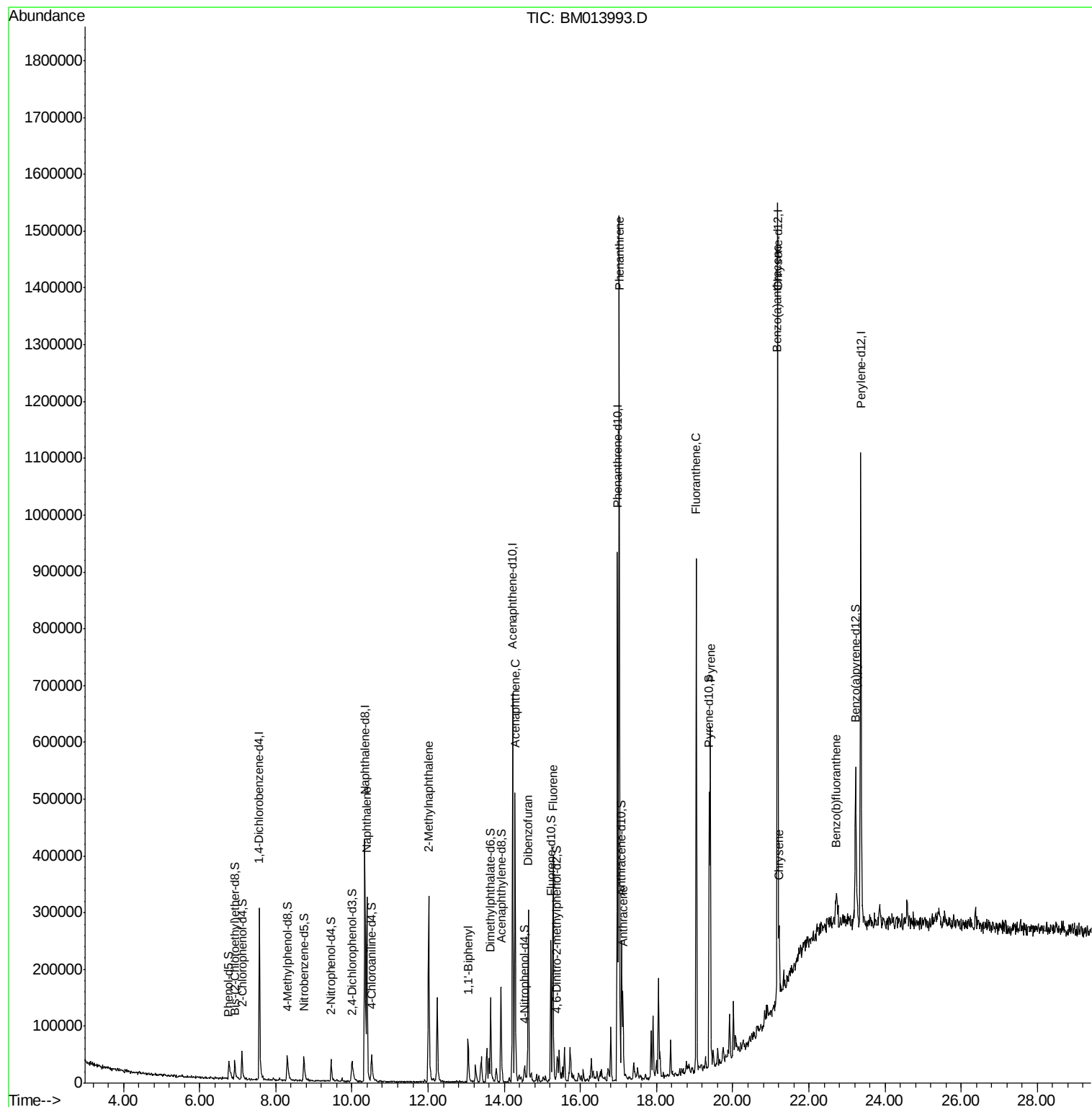
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013993.D
Acq On : 30 Jan 2018 12:34
Operator : SJ/JU
Sample : J1244-10ME 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

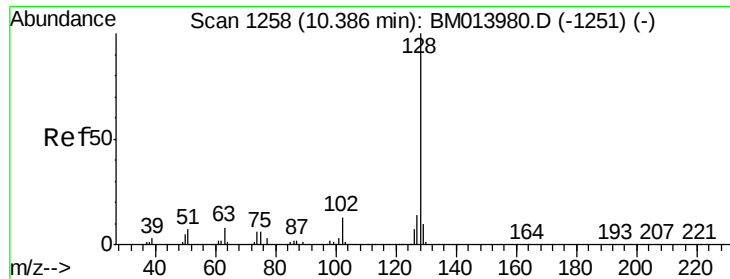
Instrument :
BNA_M
ClientSampleId :
F6B51ME

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Quant Time: Jan 30 13:46:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration





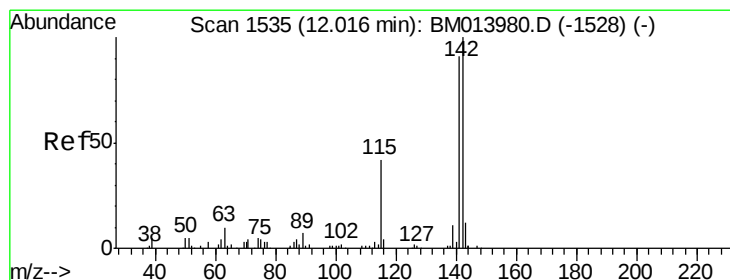
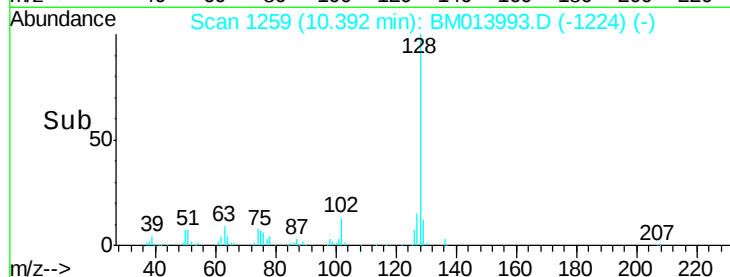
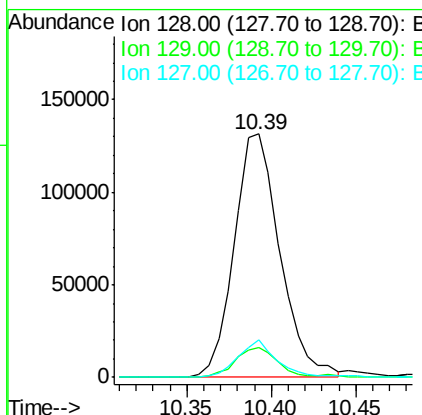
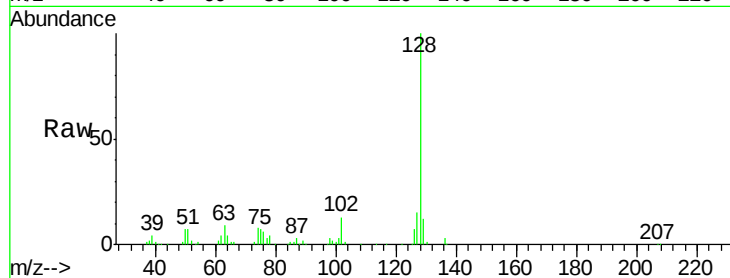
#28
Naphthalene
Concen: 15.823 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Instrument :
BNA_M
ClientSampleId :
F6B51ME

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	15.4	10.6	16.0

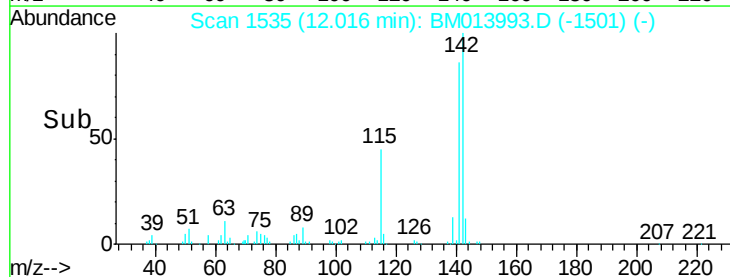
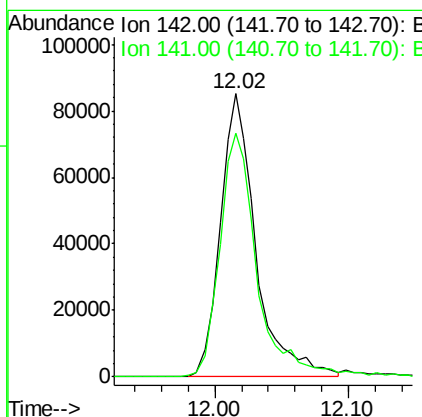
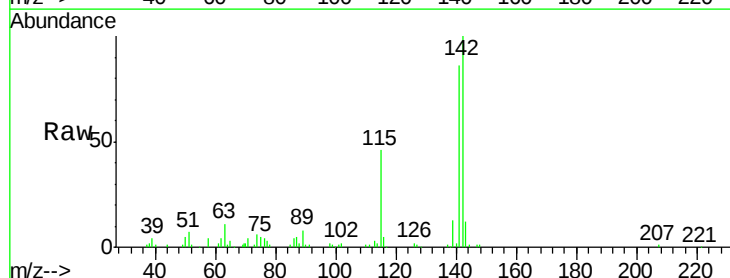
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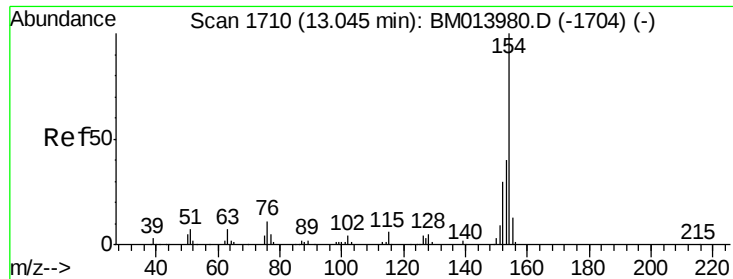
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#34
2-Methylnaphthalene
Concen: 13.577 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.1	74.1	111.1





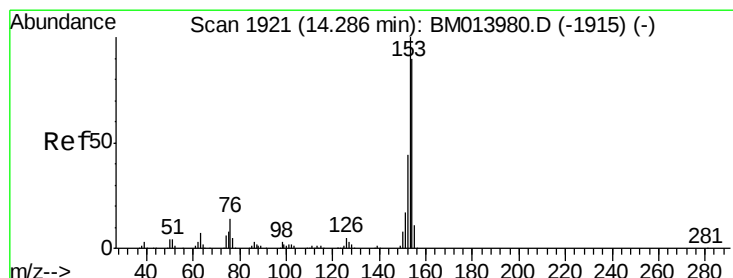
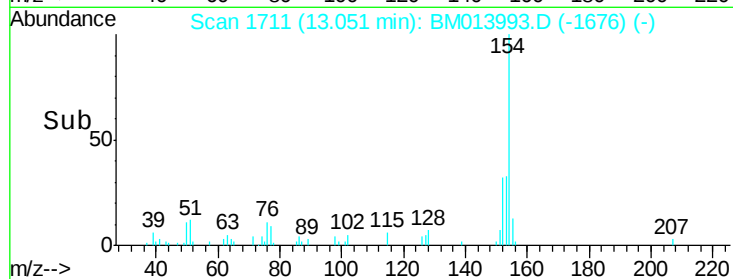
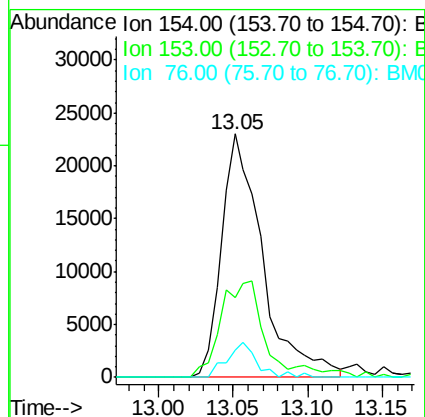
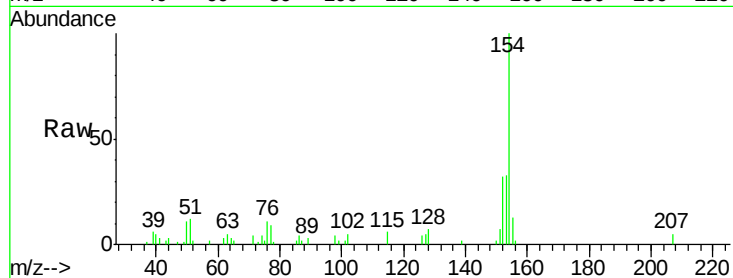
#40
1,1'-Biphenyl
Concen: 2.587 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Instrument :
BNA_M
ClientSampleId :
F6B51ME

Tot Ion:	154	Resp:	44265
Ion Ratio	Lower	Upper	
154	100		
153	32.8	32.6	48.8
76	11.0	8.5	12.7

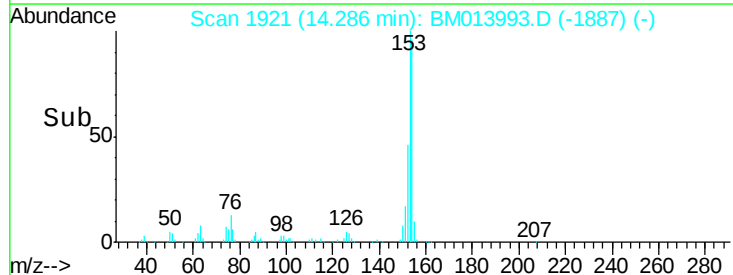
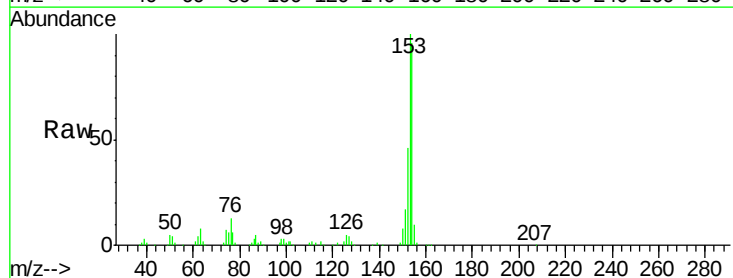
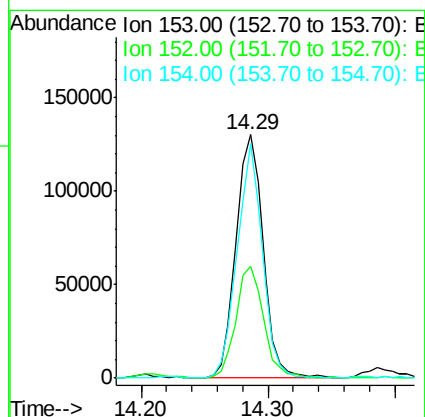
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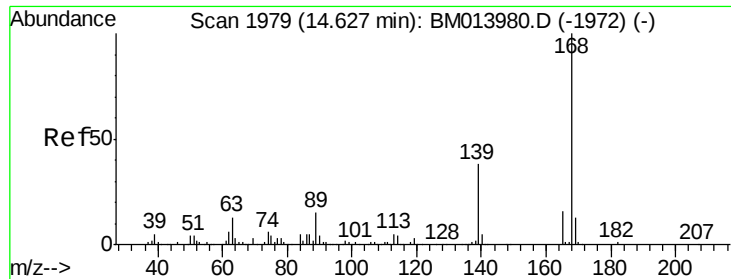
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#49
Acenaphthene
Concen: 14.133 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Tgt Ion:	153	Resp:	193514
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.6	56.4
154	96.3	70.4	105.6





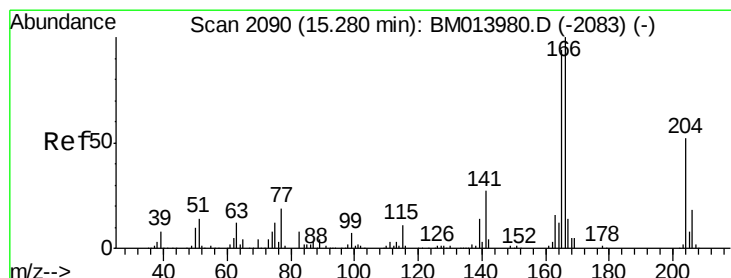
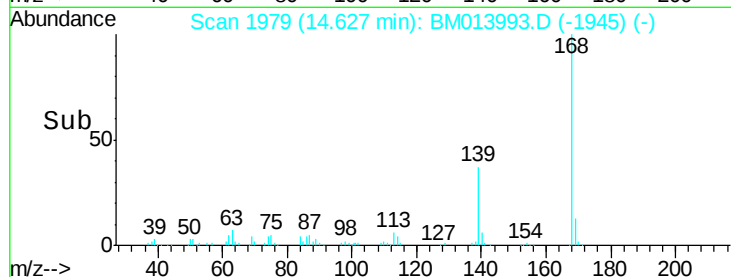
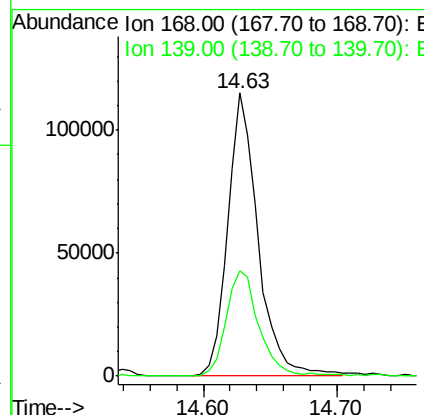
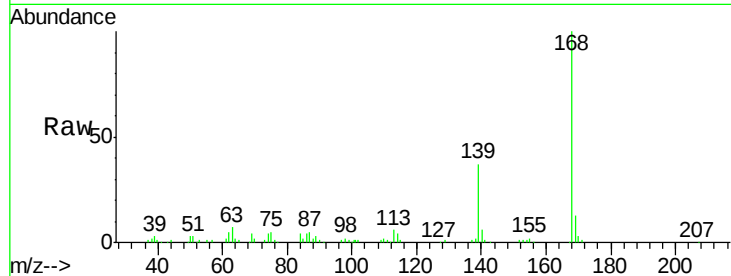
#53
Dibenzenofuran
Concen: 8.925 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Instrument :
BNA_M
ClientSampleId :
F6B51ME

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.8	46.2

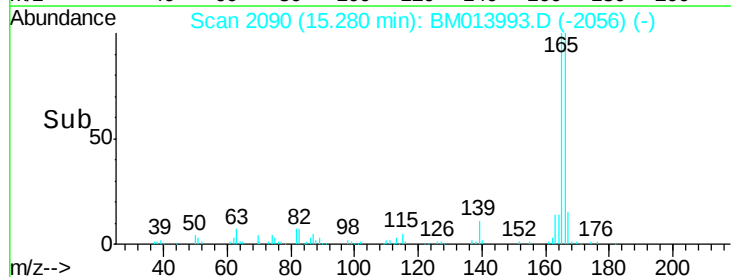
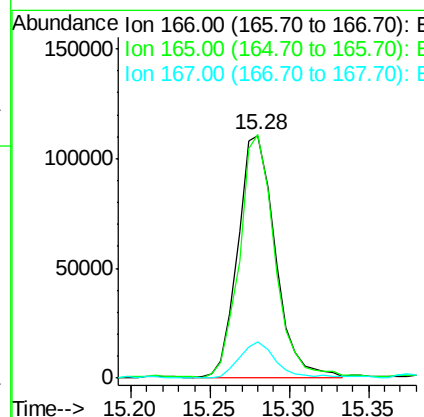
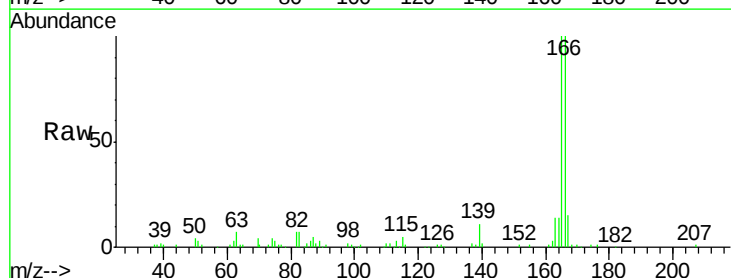
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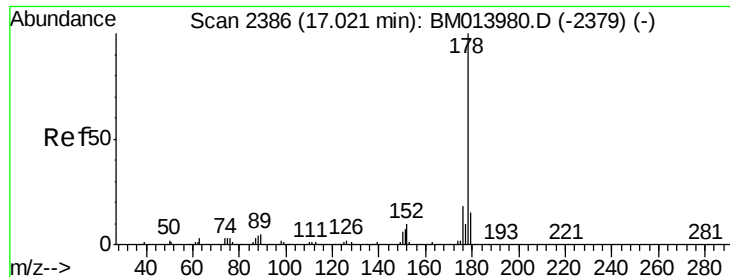
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#58
Fluorene
Concen: 10.655 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.9	116.9
167	15.0	10.6	16.0





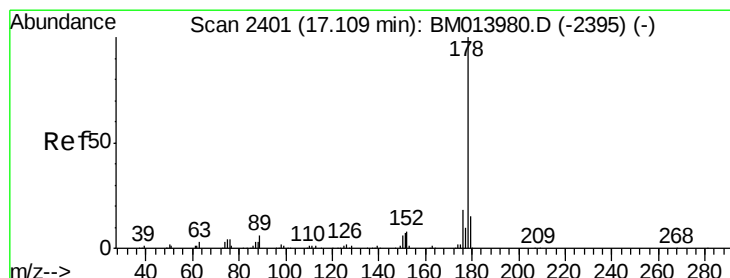
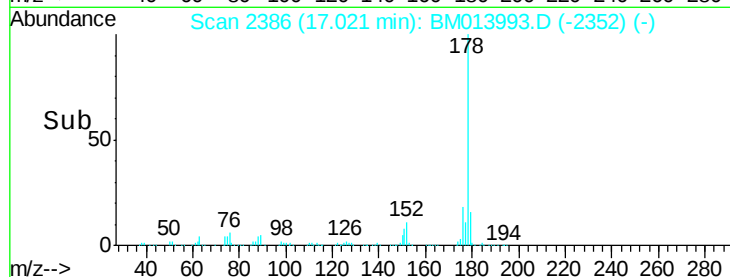
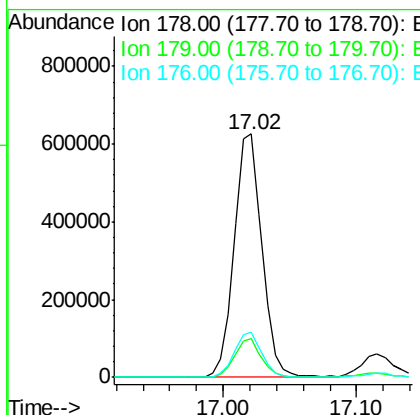
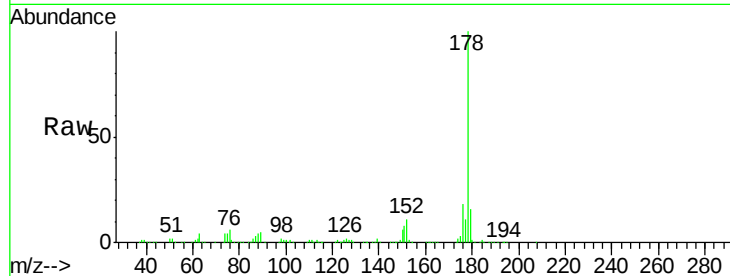
#69
Phenanthrene
Concen: 32.072 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Instrument :
BNA_M
ClientSampleId :
F6B51ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.5	14.9	22.3

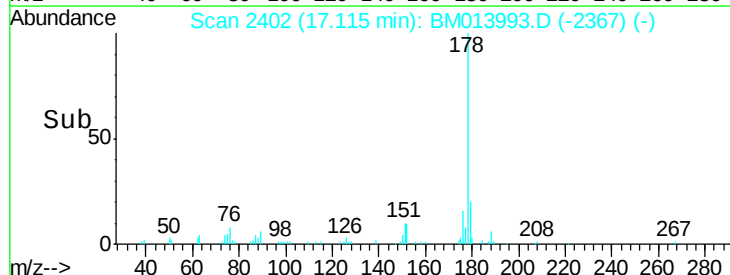
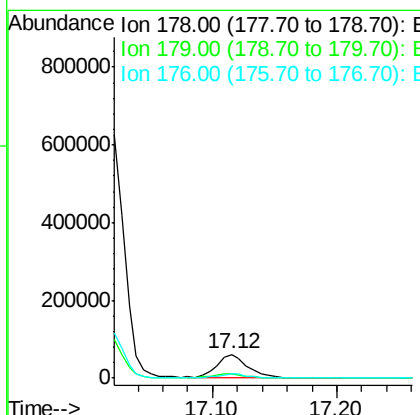
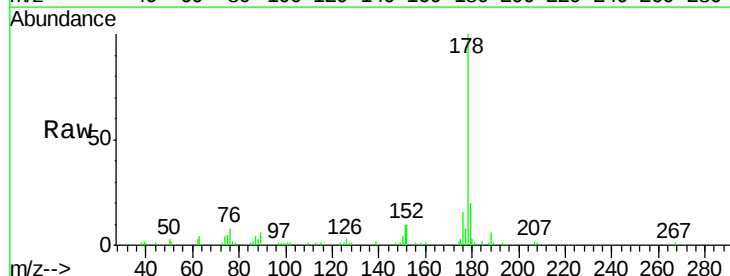
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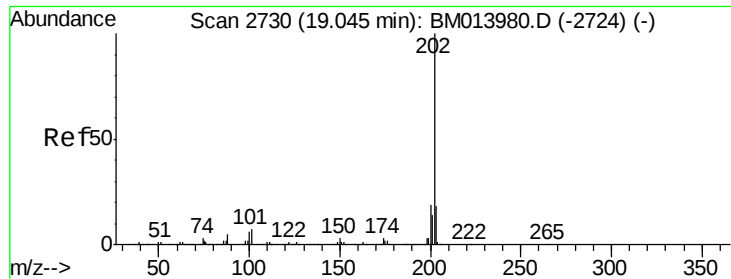
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#71
Anthracene
Concen: 3.776 ng/ul m
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BM013993.D
Acq: 30 Jan 2018 12:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	11.7	17.5#
176	16.2	14.6	21.8





#74

Fluoranthene

Concen: 15.857 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013993.D

Acq: 30 Jan 2018 12:34

Instrument :

BNA_M

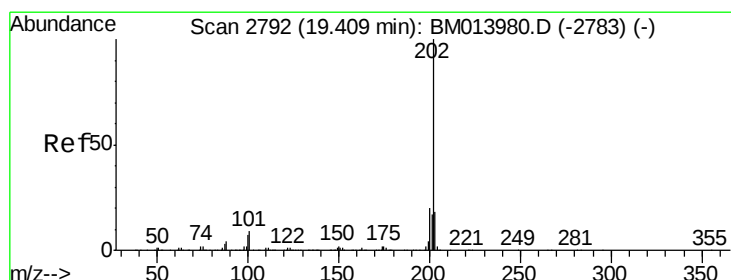
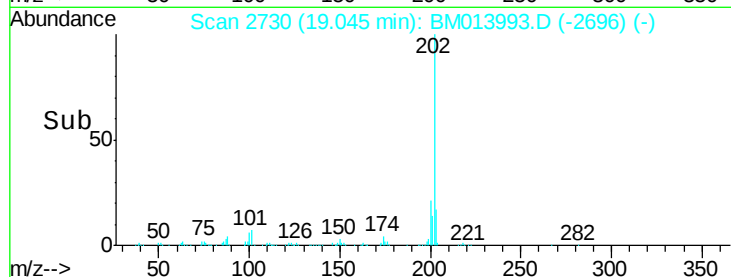
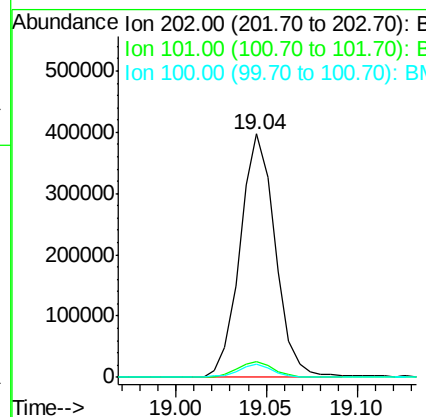
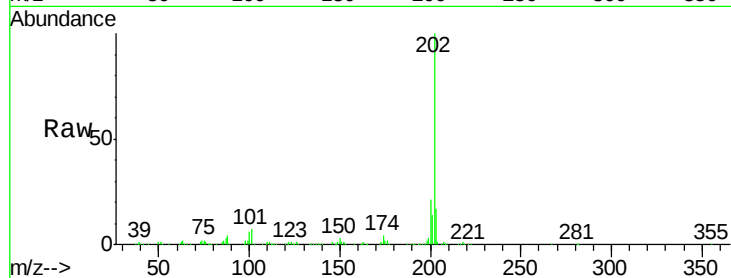
ClientSampleId :

F6B51ME

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	4.6	7.0
100	5.6	3.4	5.2#

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#77

Pyrene

Concen: 9.195 ng/ul

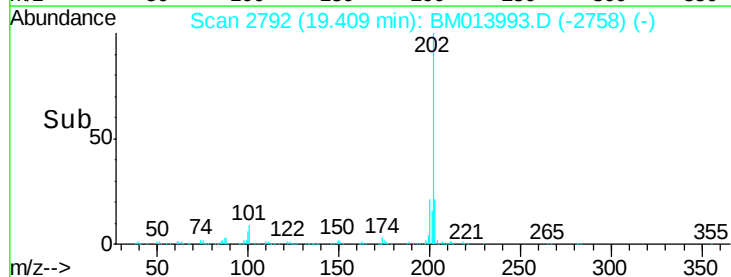
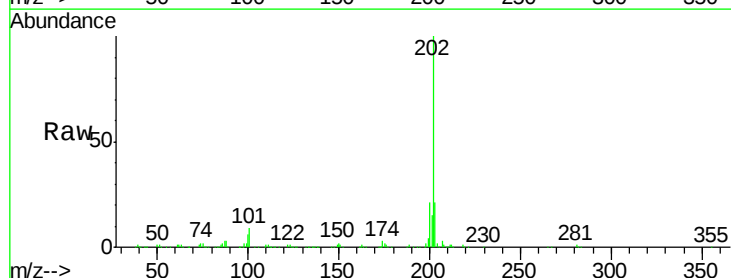
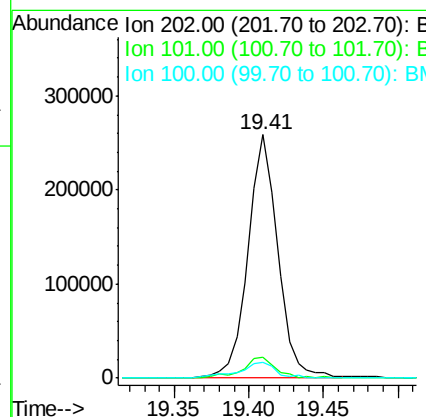
RT: 19.41 min Scan# 2792

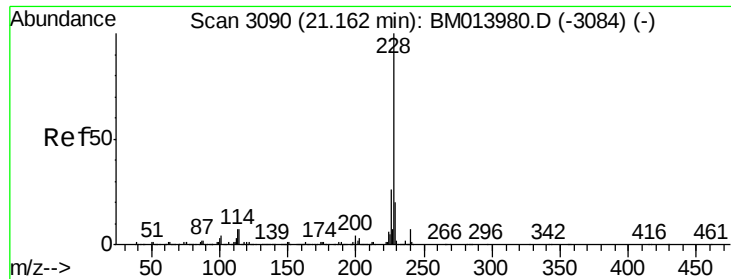
Delta R.T. 0.00 min

Lab File: BM013993.D

Acq: 30 Jan 2018 12:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	6.4	4.9	7.3





#80

Benzo(a)anthracene

Concen: 2.057 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM013993.D

Acq: 30 Jan 2018 12:34

Instrument :

BNA_M

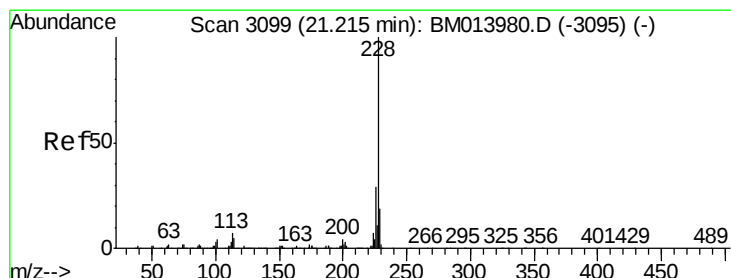
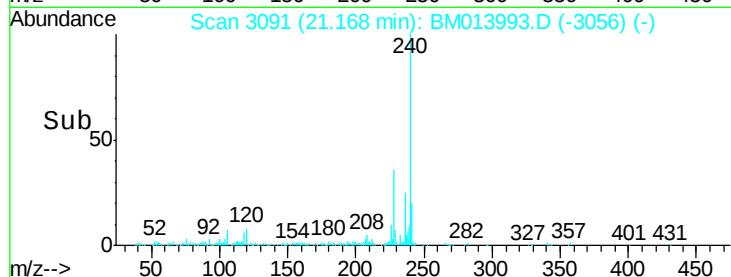
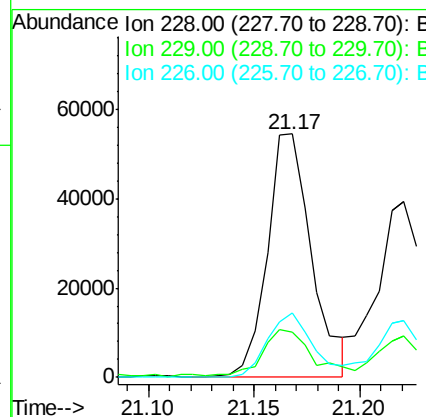
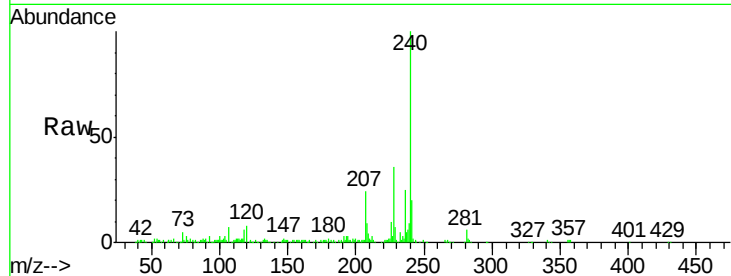
ClientSampleId :

F6B51ME

Tot Ion:	228	Resp:	79841
Ion Ratio	Lower	Upper	
228	100		
229	18.7	15.4	23.0
226	26.6	21.4	32.0

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#82

Chrysene

Concen: 1.783 ng/ul m

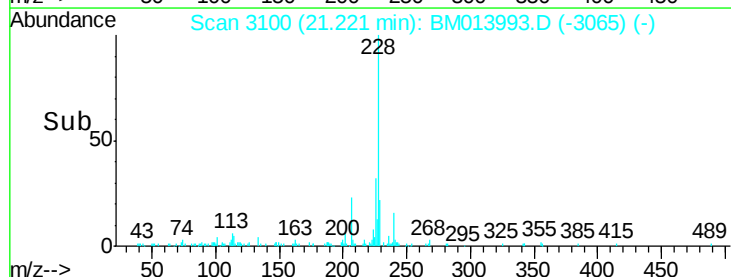
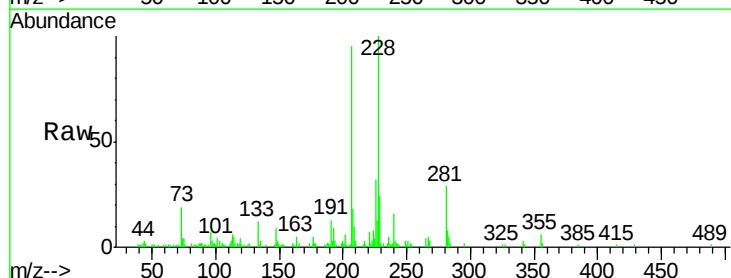
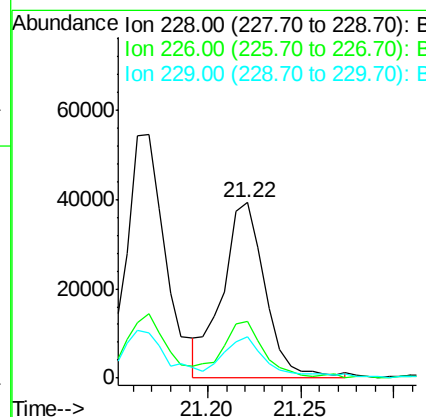
RT: 21.22 min Scan# 3100

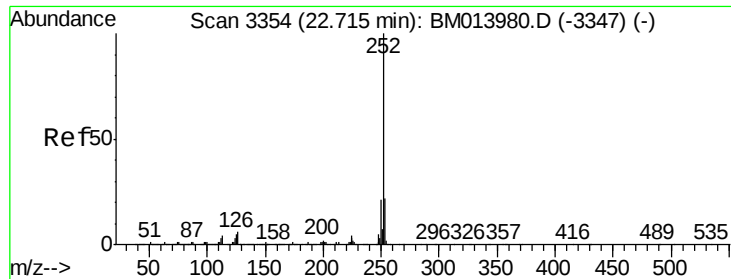
Delta R.T. 0.01 min

Lab File: BM013993.D

Acq: 30 Jan 2018 12:34

Tgt Ion:	228	Resp:	63459
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.2
229	23.8	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 1.093 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM013993.D

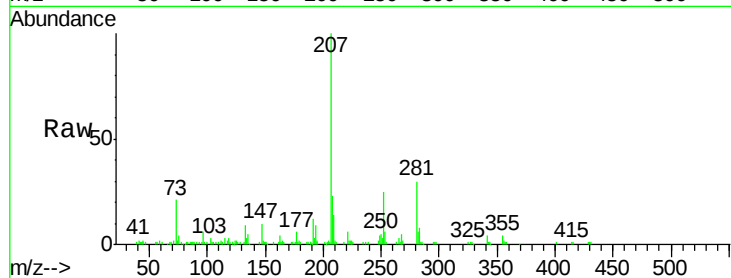
Acq: 30 Jan 2018 12:34

Instrument :

BNA_M

ClientSampleId :

F6B51ME



Tot Ion:	252	Resp:	42684
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	9.5	3.6	5.4

Manual Integrations
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