

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
 Data File : BM006182.D
 Acq On : 01 Jul 2016 14:50
 Operator : UM/SJ
 Sample : H3777-16MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YC4MSD

Manual Integrations
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Quant Time: Jul 01 17:59:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	384233	20.00	ng/ul	0.01
7) Naphthalene-d8	10.45	136	1717382	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	964597	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	1992974	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1461475	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1518883	20.00	ng/ul	0.04

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	8170	0.99	ng/uL	0.00
3) Phenol-d5	6.85	99	459516	14.64	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	289072	15.62	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	366847	15.23	ng/ul	0.01
6) 4-Methylphenol-d8	8.38	113	340614	13.48	ng/ul	0.02
8) Nitrobenzene-d5	8.82	128	193030	16.69	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	214080	16.17	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	375983	15.56	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	241328	12.64	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1118626	16.18	ng/ul	0.01
17) Acenaphthylene-d8	14.01	160	1435948	17.11	ng/ul	0.02
20) 4-Nitrophenol-d4	14.55	143	151944	11.58	ng/ul	0.04
21) Fluorene-d10	15.32	176	972292	16.48	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.46	200	97575	13.82	ng/ul	0.03
26) Anthracene-d10	17.17	188	1408908	17.62	ng/ul	0.02
30) Pyrene-d10	19.47	212	1274895	21.66	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1058281	17.51	ng/ul	0.04

Target Compounds

						Qvalue
19) Acenaphthene	14.38	153	861770	15.37	ng/ul	99
25) Phenanthrene	17.11	178	673216	7.14	ng/ul	99
27) Anthracene	17.20	178	142066	1.47	ng/ul	96
28) Fluoranthene	19.13	202	889455	7.70	ng/ul	99
31) Pyrene	19.50	202	2015776	26.15	ng/ul	97
32) Benzo(a)anthracene	21.25	228	321956	4.24	ng/ul	96
33) Chrysene	21.30	228	320399	4.58	ng/ul	96
35) Benzo(b)fluoranthene	22.83	252	439760	5.58	ng/ul	94
36) Benzo(k)fluoranthene	22.87	252	117648m	1.59	ng/ul	
38) Benzo(a)pyrene	23.40	252	281523	3.78	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.74	276	222063	2.87	ng/ul	95
40) Dibenzo(a,h)anthracene	25.74	278	65590	1.02	ng/ul#	70
41) Benzo(g,h,i)perylene	26.44	276	277865	4.29	ng/ul	96

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

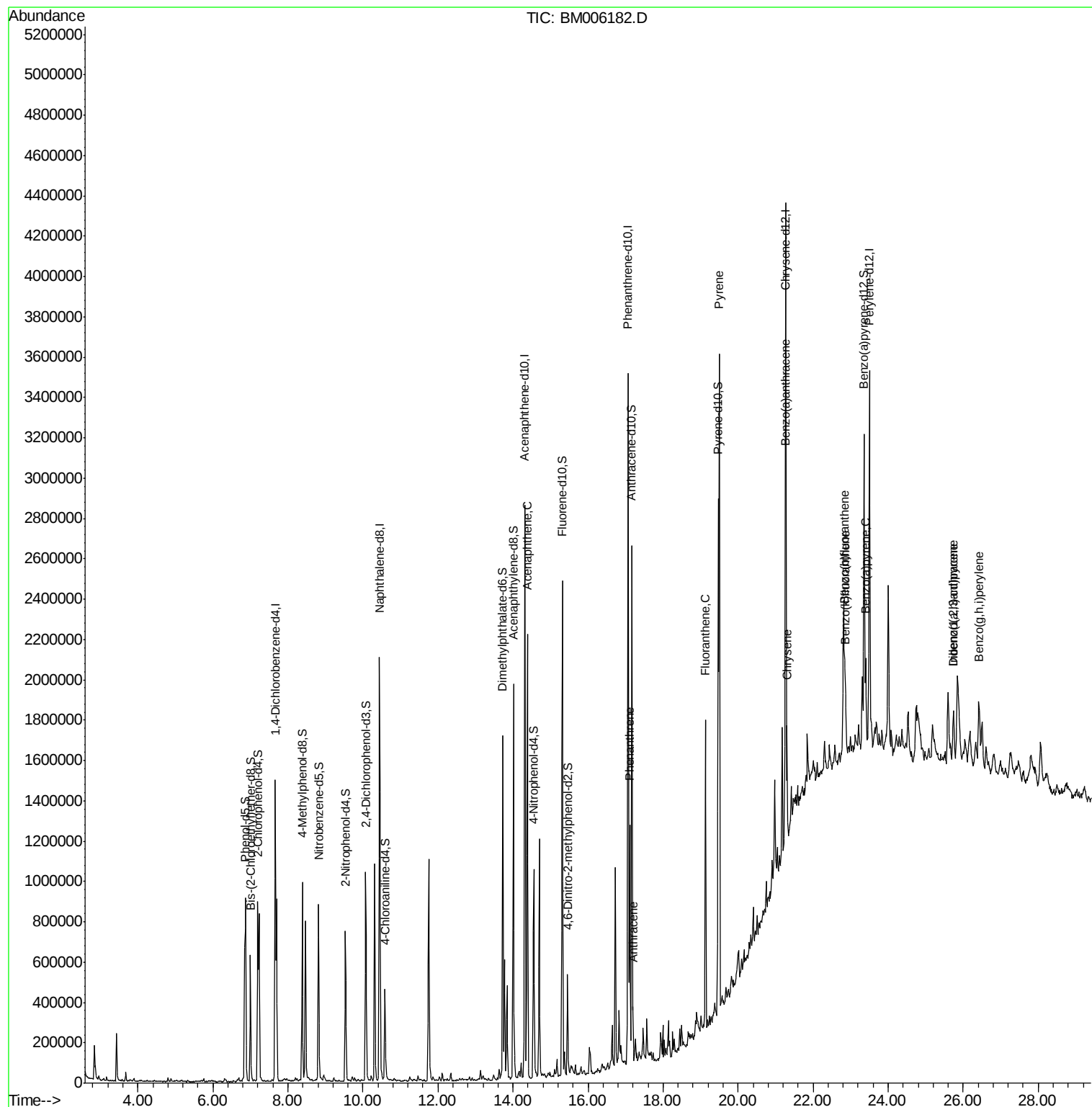
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
Data File : BM006182.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

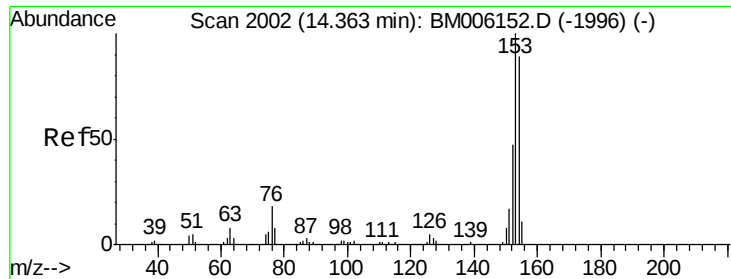
Instrument :
BNA_M
ClientSampleId :
D9YC4MSD

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Quant Time: Jul 01 17:59:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration





#19

Acenaphthene

Concen: 15.37 ng/ul

RT: 14.38 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BM006182.D

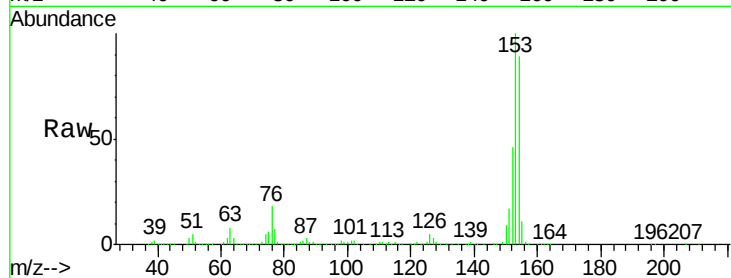
Acq: 01 Jul 2016 14:50

Instrument :

BNA_M

ClientSampleId :

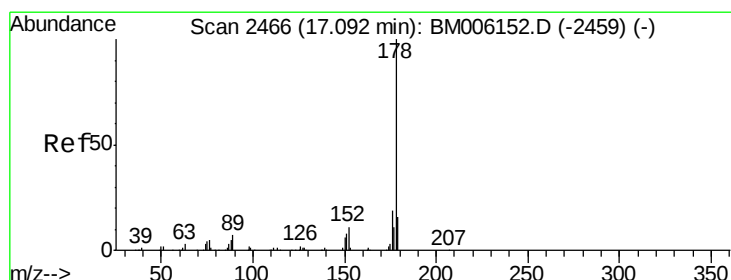
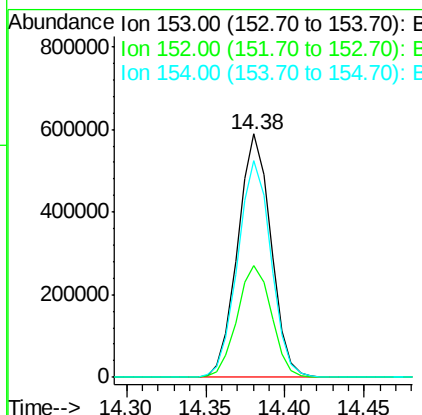
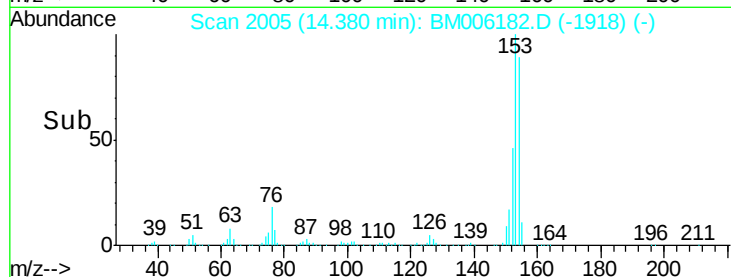
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.1	38.1	57.1
154	89.2	71.6	107.4

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#25

Phenanthrene

Concen: 7.14 ng/ul

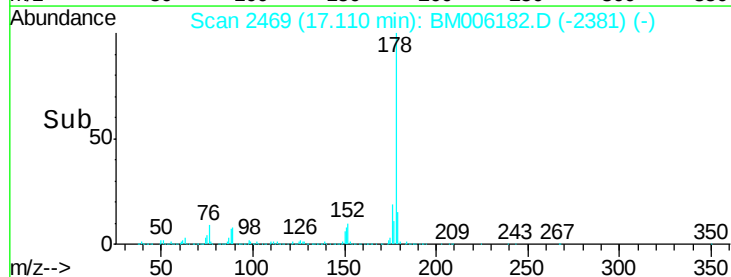
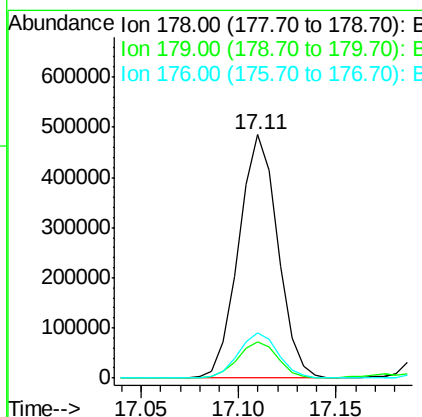
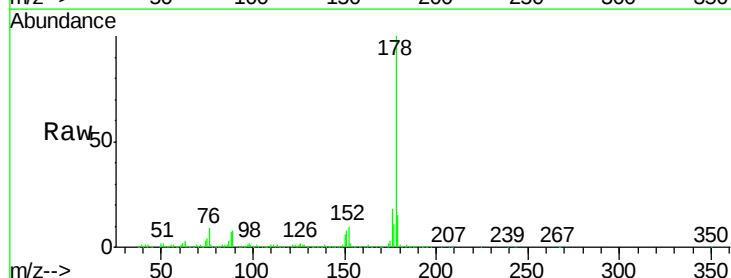
RT: 17.11 min Scan# 2469

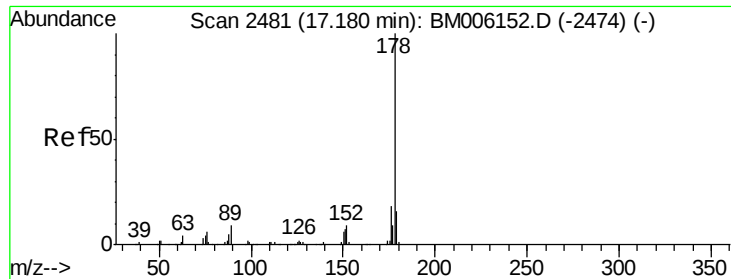
Delta R.T. 0.02 min

Lab File: BM006182.D

Acq: 01 Jul 2016 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.5	15.3	22.9





#27

Anthracene

Concen: 1.47 ng/ul

RT: 17.20 min Scan# 2484

Delta R.T. 0.01 min

Lab File: BM006182.D

Acq: 01 Jul 2016 14:50

Instrument :

BNA_M

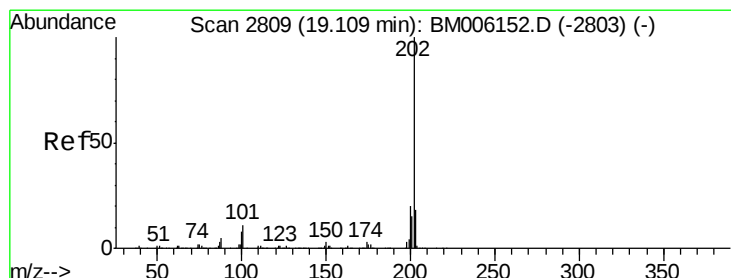
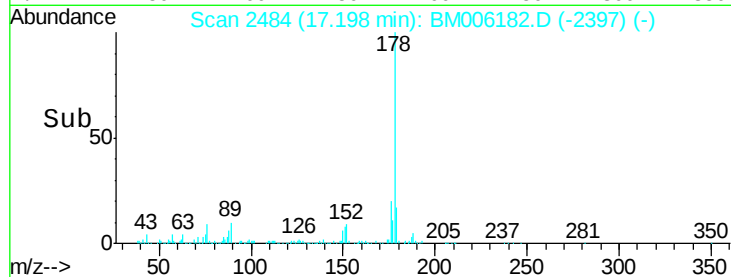
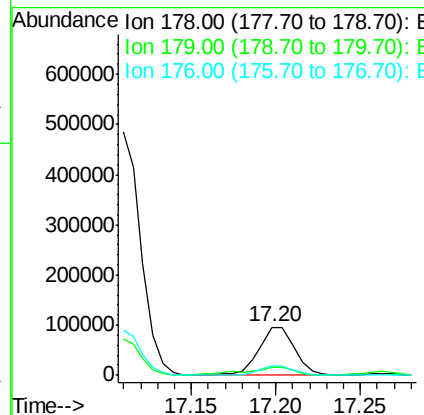
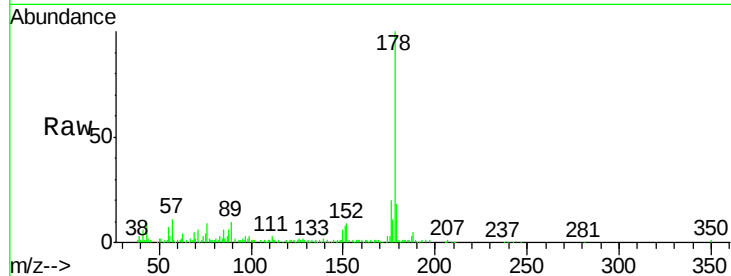
ClientSampleId :

D9YC4MSD

Tgt Ion:	178	Resp:	142066
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.3	18.5
176	19.9	14.6	22.0

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#28

Fluoranthene

Concen: 7.70 ng/ul

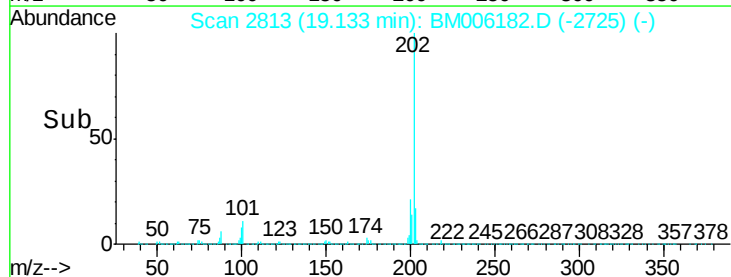
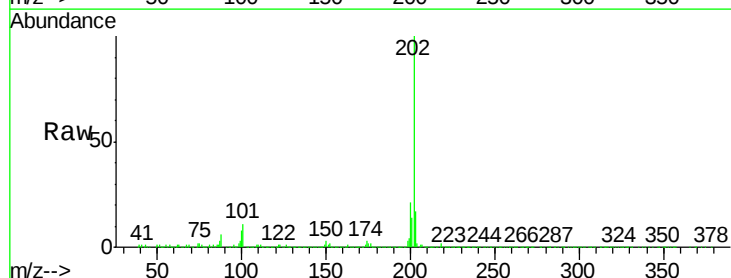
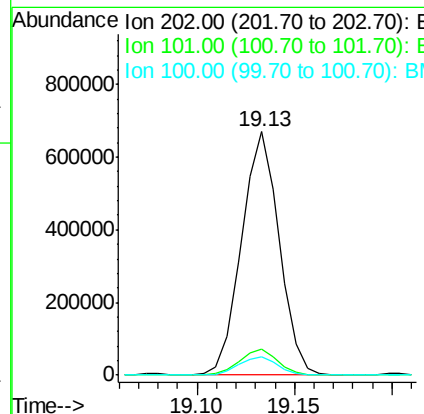
RT: 19.13 min Scan# 2813

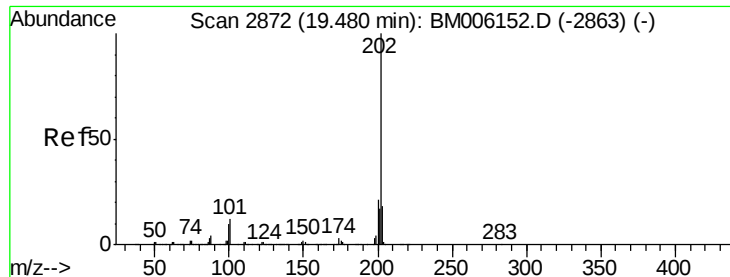
Delta R.T. 0.02 min

Lab File: BM006182.D

Acq: 01 Jul 2016 14:50

Tgt Ion:	202	Resp:	889455
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.5	12.7
100	7.7	6.5	9.7





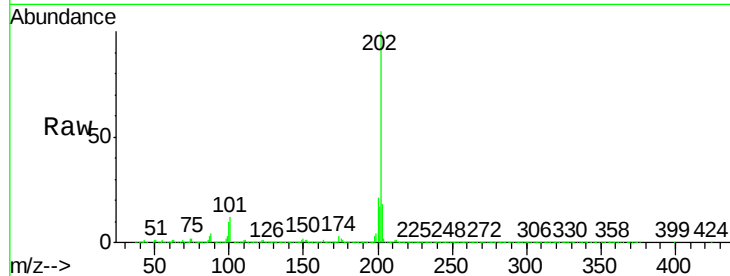
#31
 Pyrene
 Concen: 26.15 ng/ul
 RT: 19.50 min Scan# 2875
 Delta R.T. 0.02 min
 Lab File: BM006182.D
 Acq: 01 Jul 2016 14:50

Instrument :
 BNA_M
 ClientSampleId :
 D9YC4MSD

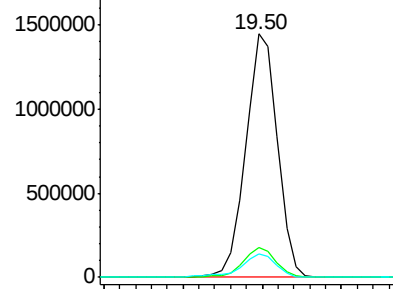
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	9.7	8.9	13.3

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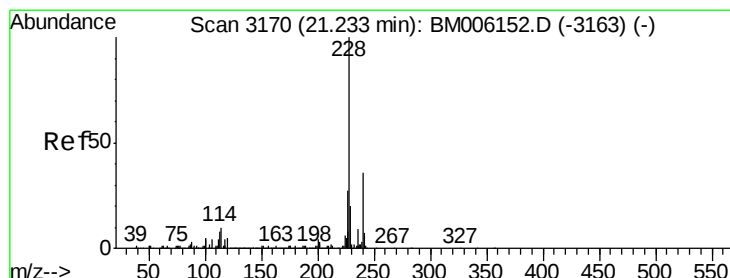
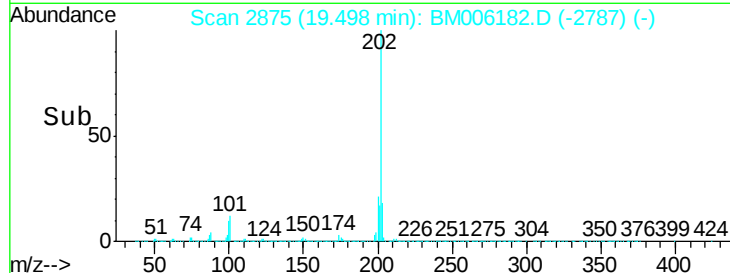
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Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

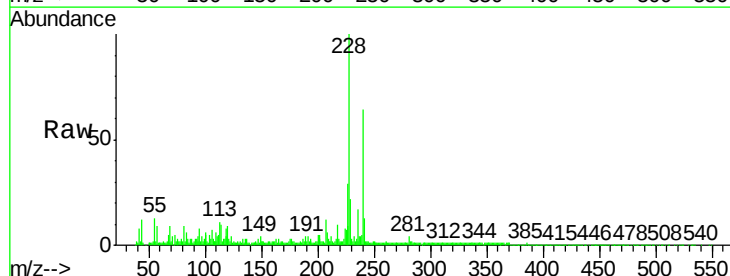


Time--> 19.40 19.45 19.50 19.55

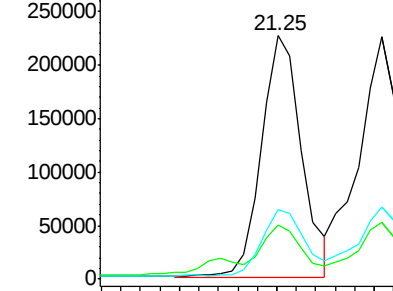


#32
 Benzo(a)anthracene
 Concen: 4.24 ng/ul
 RT: 21.25 min Scan# 3173
 Delta R.T. 0.02 min
 Lab File: BM006182.D
 Acq: 01 Jul 2016 14:50

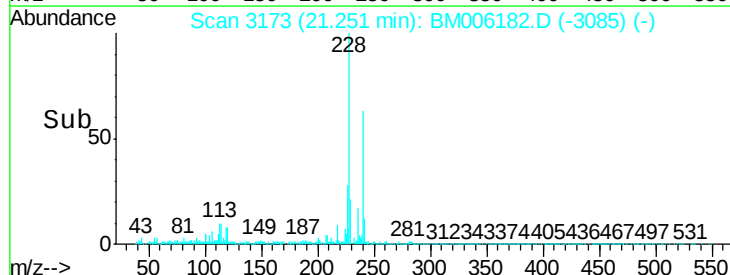
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.6	23.4
226	28.7	21.6	32.4

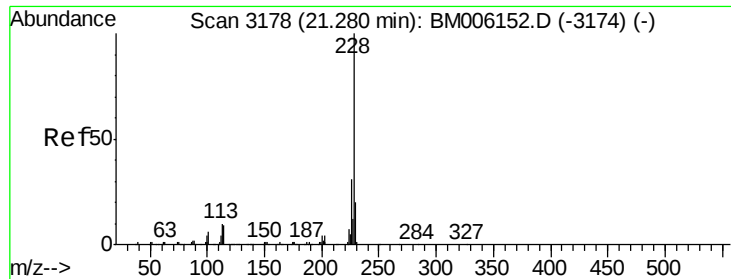


Abundance Ion 228.00 (227.70 to 228.70): E
 300000
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



Time--> 21.20 21.25





#33

Chrysene

Concen: 4.58 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. 0.02 min

Lab File: BM006182.D

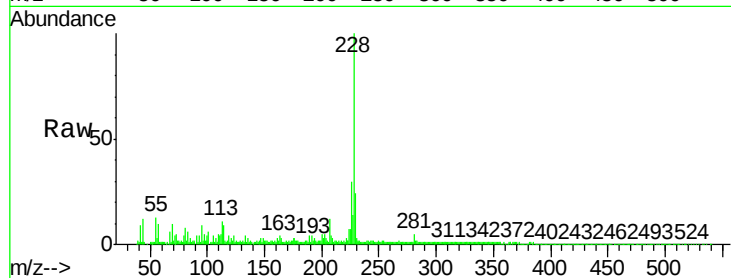
Acq: 01 Jul 2016 14:50

Instrument :

BNA_M

ClientSampleId :

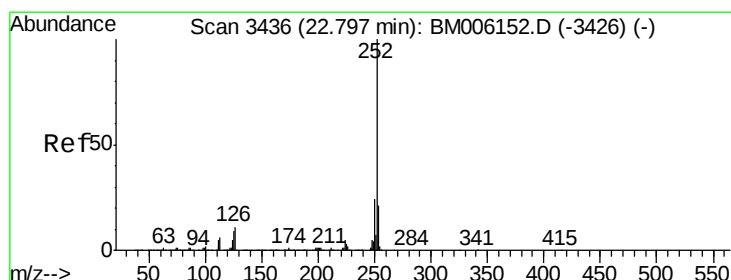
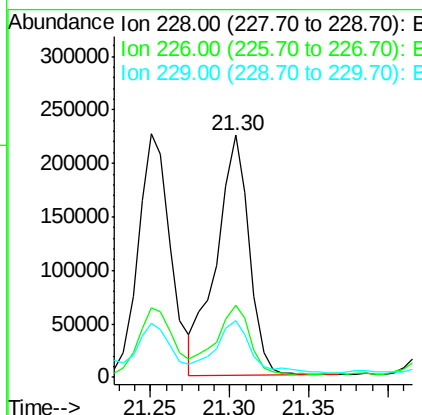
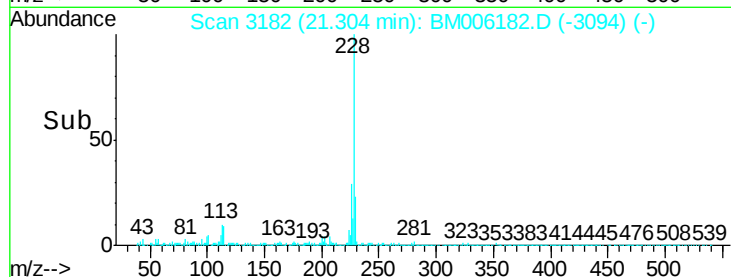
D9YC4MSD



Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	23.6	15.8	23.6

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#35

Benzo(b)fluoranthene

Concen: 5.58 ng/ul

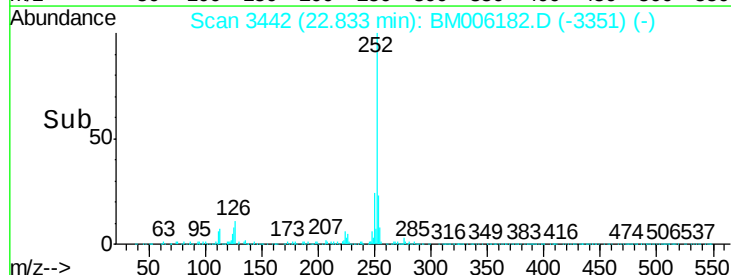
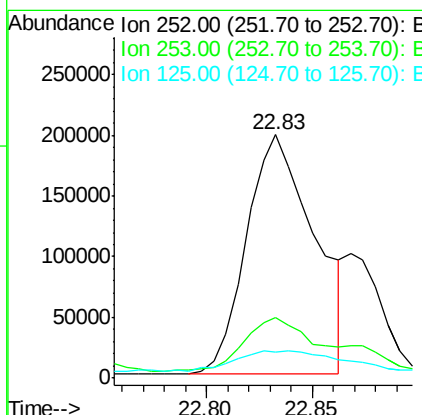
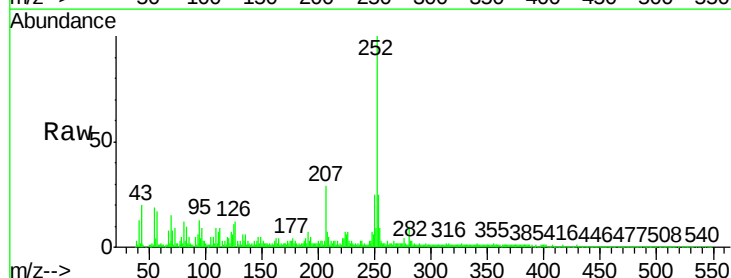
RT: 22.83 min Scan# 3442

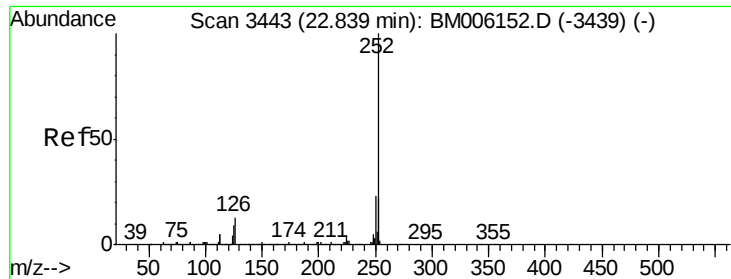
Delta R.T. 0.04 min

Lab File: BM006182.D

Acq: 01 Jul 2016 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	10.8	7.8	11.6





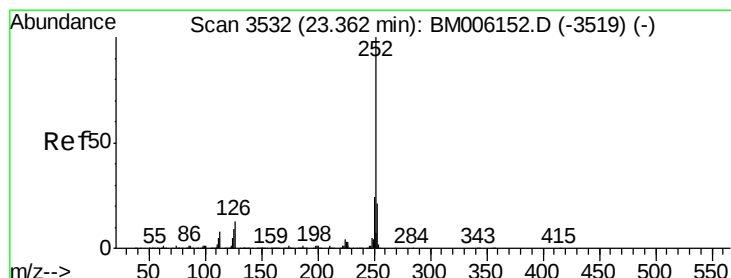
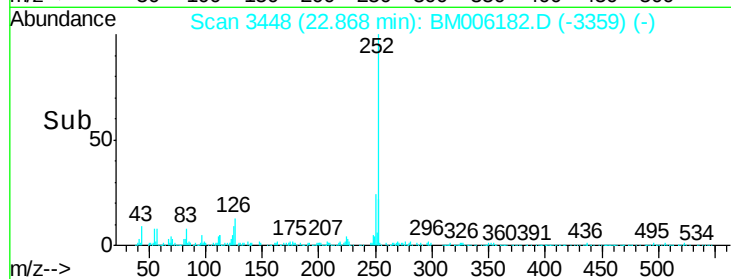
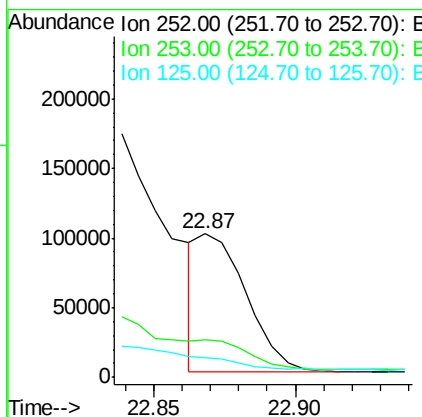
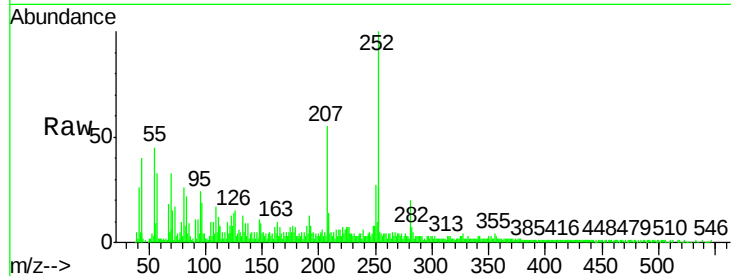
#36
Benzo(k)fluoranthene
Concen: 1.59 ng/ul m
RT: 22.87 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BM006182.D
Acq: 01 Jul 2016 14:50

Instrument :
BNA_M
ClientSampleId :
D9YC4MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	13.8	8.1	12.1#

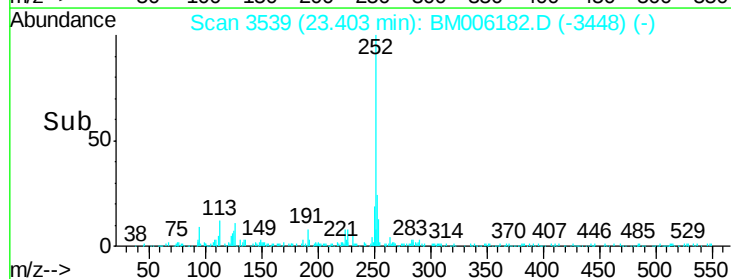
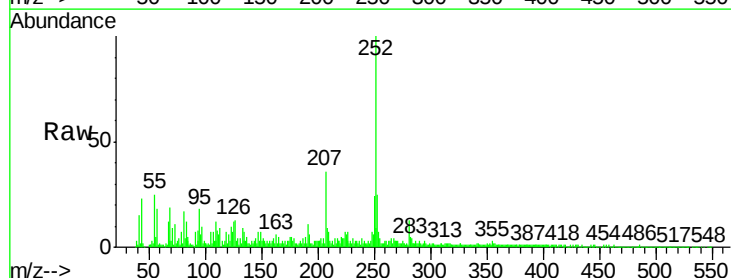
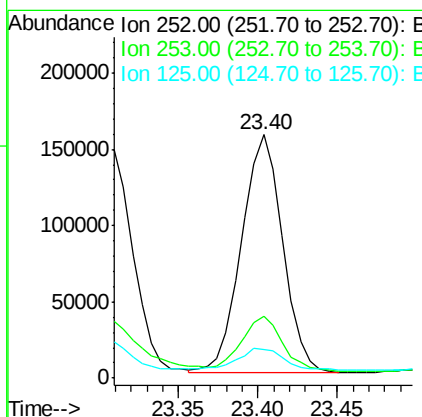
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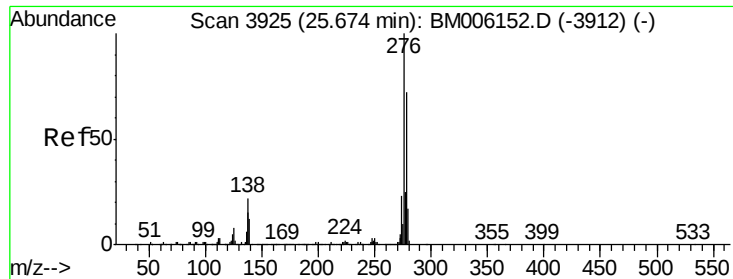
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#38
Benzo(a)pyrene
Concen: 3.78 ng/ul
RT: 23.40 min Scan# 3539
Delta R.T. 0.04 min
Lab File: BM006182.D
Acq: 01 Jul 2016 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	11.5	8.7	13.1





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.87 ng/ul

RT: 25.74 min Scan# 3937

Delta R.T. 0.06 min

Lab File: BM006182.D

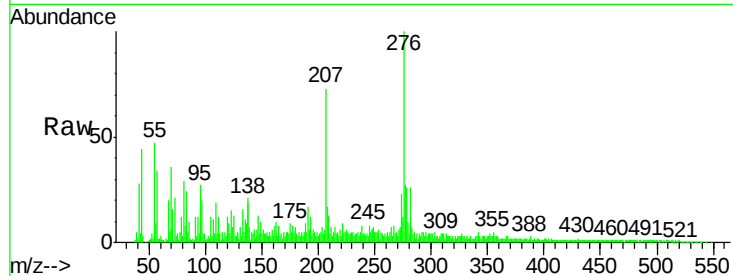
Acq: 01 Jul 2016 14:50

Instrument :

BNA_M

ClientSampleId :

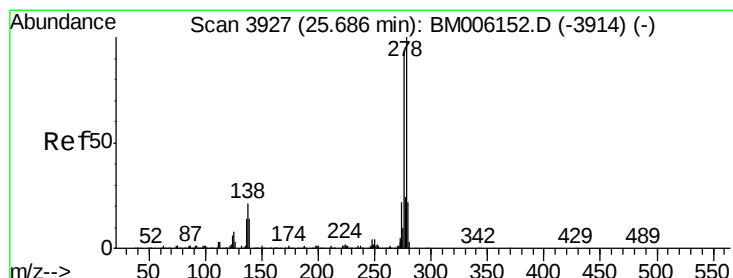
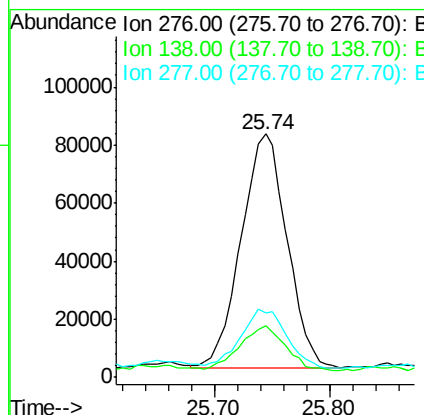
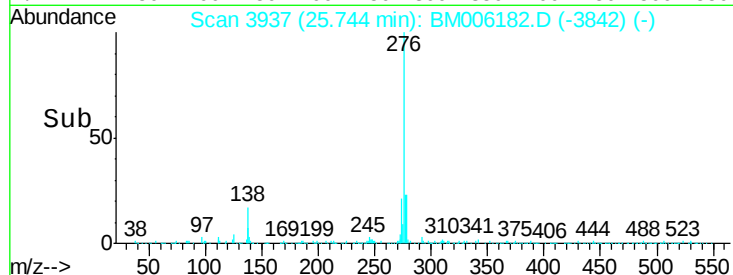
D9YC4MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.4	30.6
277	26.7	20.6	30.8

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#40

Dibenzo(a,h)anthracene

Concen: 1.02 ng/ul

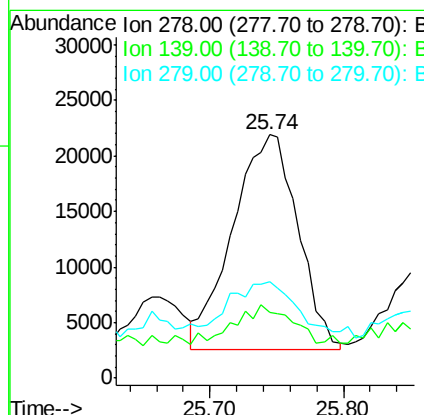
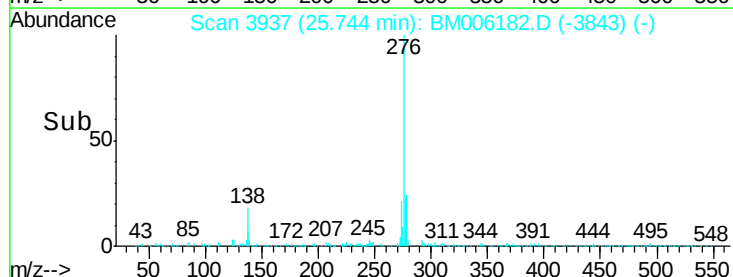
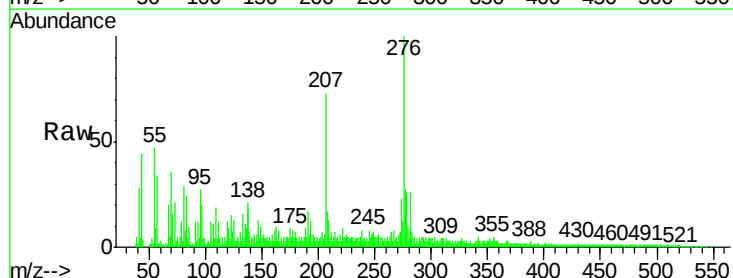
RT: 25.74 min Scan# 3937

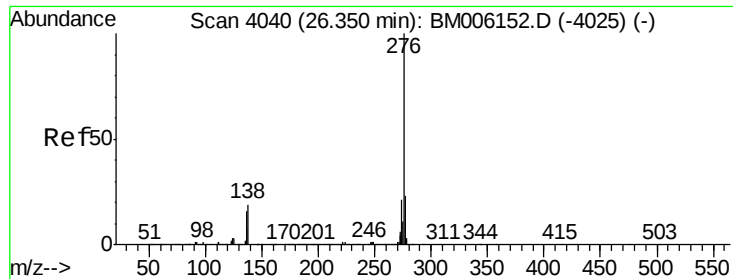
Delta R.T. 0.05 min

Lab File: BM006182.D

Acq: 01 Jul 2016 14:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.0	13.0	19.4#
279	39.4	18.8	28.2#





#41

Benzo(g,h,i)perylene

Concen: 4.29 ng/ul

RT: 26.44 min Scan# 4055

Delta R.T. 0.08 min

Lab File: BM006182.D

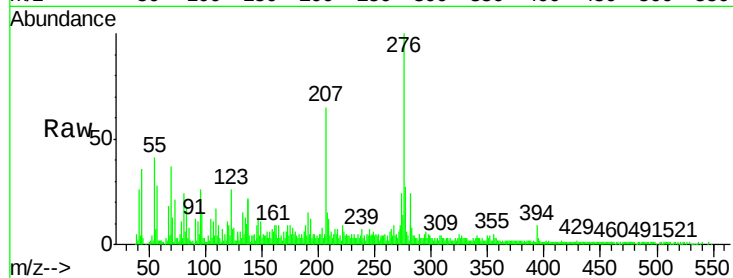
Acq: 01 Jul 2016 14:50

Instrument :

BNA_M

ClientSampleId :

D9YC4MSD



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	20.5	16.6	25.0	
277	27.3	18.9	28.3	

Manual Integrations
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