

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
 Data File : BM009628.D
 Acq On : 07 Apr 2017 14:38
 Operator : SJ/MA
 Sample : I2526-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB378

Manual Integrations
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Quant Time: Apr 07 15:14:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	162755	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	631163	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	359009	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	842673	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1041580	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1002406	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	350515	36.12	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1353230	38.46	ng/ul	0.00
10) Fluorene-d10	15.48	176	955544	37.76	ng/ul	0.00
15) Anthracene-d10	17.34	188	1502701	37.27	ng/ul	0.00
19) Pyrene-d10	19.63	212	1742652	40.71	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1710362	38.65	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	14.21	152	44806	1.27	ng/ul#	94
14) Phenanthrene	17.28	178	432786	9.14	ng/ul	97
16) Anthracene	17.37	178	69434	1.42	ng/ul	97
17) Fluoranthene	19.30	202	867979	14.71	ng/ul#	95
20) Pyrene	19.66	202	785330	13.85	ng/ul	94
21) Benzo(a)anthracene	21.40	228	432725	7.35	ng/ul	97
22) Chrysene	21.46	228	440127	8.15	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	572420	9.23	ng/ul#	91
25) Benzo(k)fluoranthene	23.09	252	229897m	3.89	ng/ul	
27) Benzo(a)pyrene	23.64	252	412031m	6.99	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.11	276	285287	4.32	ng/ul	96
29) Dibenzo(a,h)anthracene	26.11	278	77497	1.38	ng/ul#	86
30) Benzo(g,h,i)perylene	26.84	276	238860	4.38	ng/ul	95

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

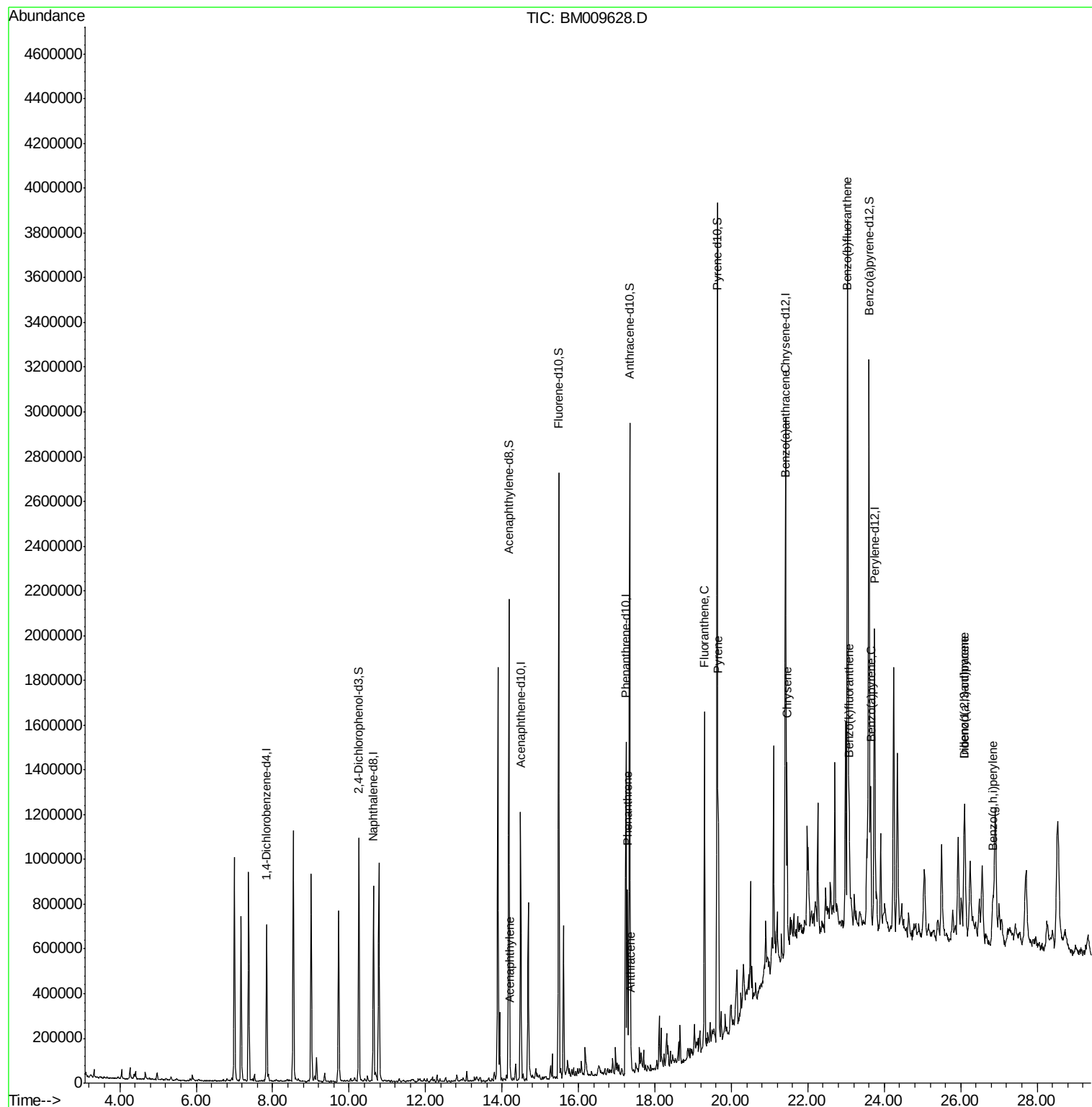
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
Data File : BM009628.D
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ALS Vial : 11 Sample Multiplier: 1

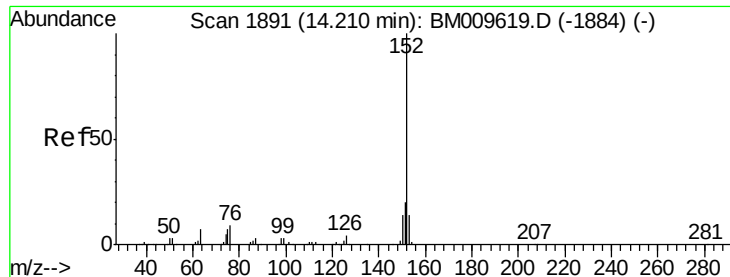
Instrument :
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Quant Time: Apr 07 15:14:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.27 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM009628.D

Acq: 07 Apr 2017 14:38

Instrument :

BNA_M

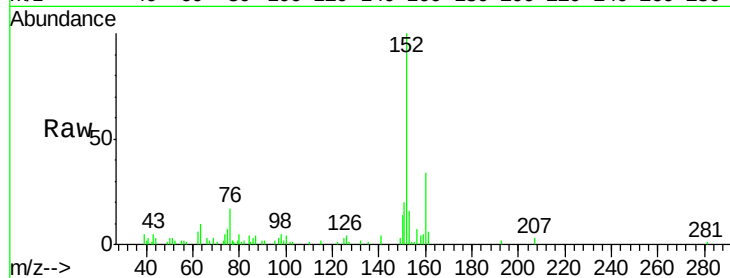
ClientSampleId :

CB378

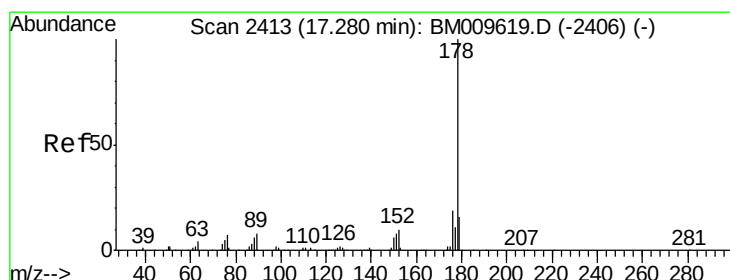
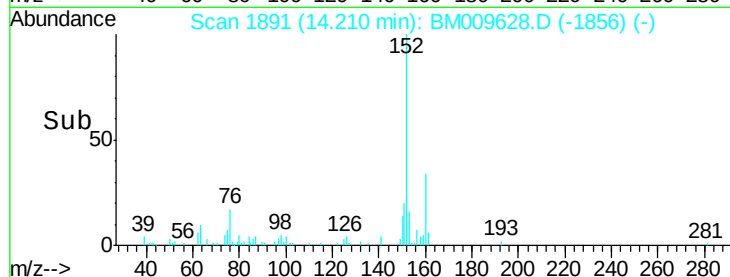
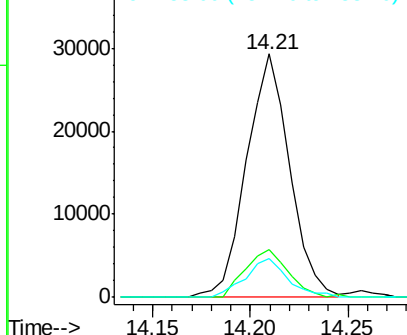
Tgt Ion:	152	Resp:	44806
Ion Ratio		Lower	Upper
152	100		
151	19.6	17.5	26.3
153	16.0	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#14

Phenanthrene

Concen: 9.14 ng/ul

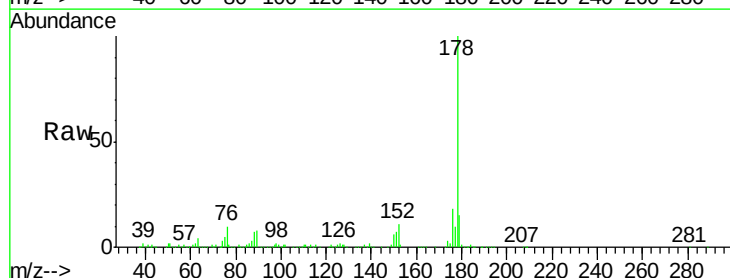
RT: 17.28 min Scan# 2413

Delta R.T. -0.00 min

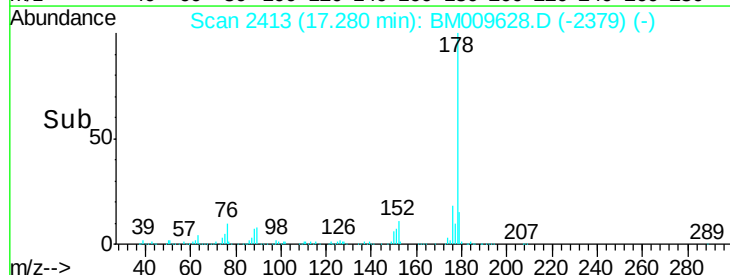
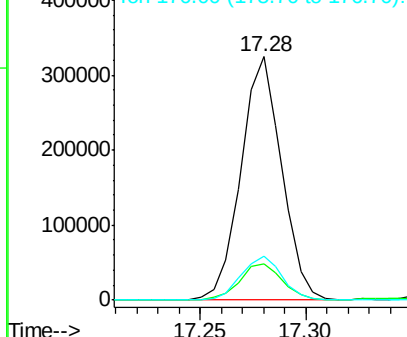
Lab File: BM009628.D

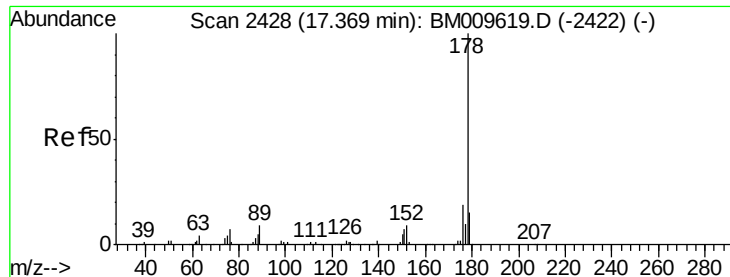
Acq: 07 Apr 2017 14:38

Tgt Ion:	178	Resp:	432786
Ion Ratio		Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.1	16.4	24.6



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





#16

Anthracene

Concen: 1.42 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BM009628.D

Acq: 07 Apr 2017 14:38

Instrument :

BNA_M

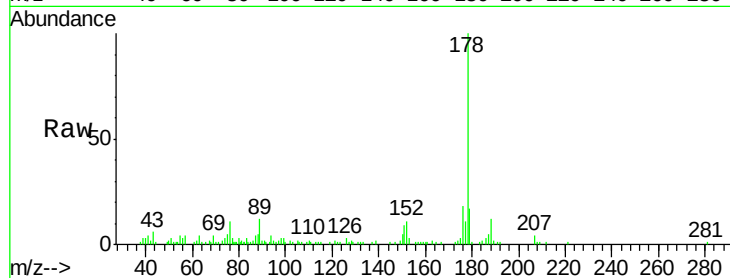
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.7	19.1
176	18.0	15.8	23.8

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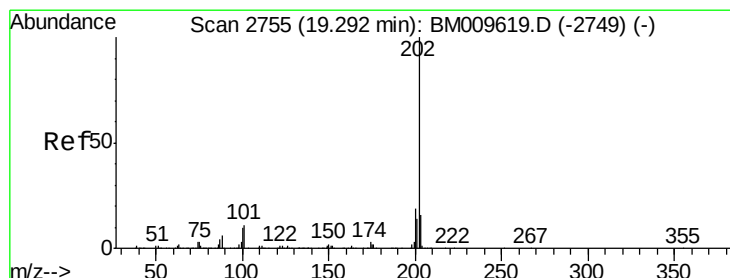
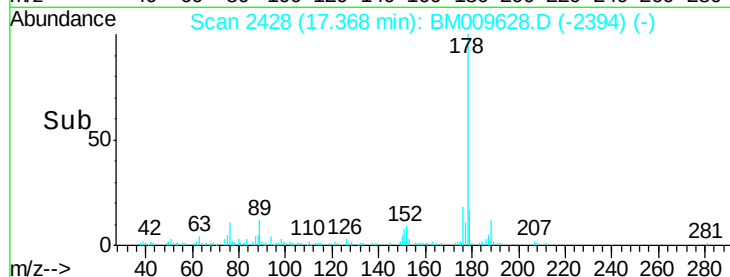
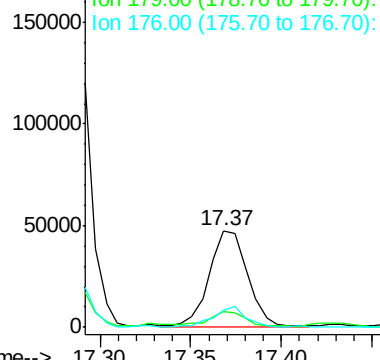
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 14.71 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BM009628.D

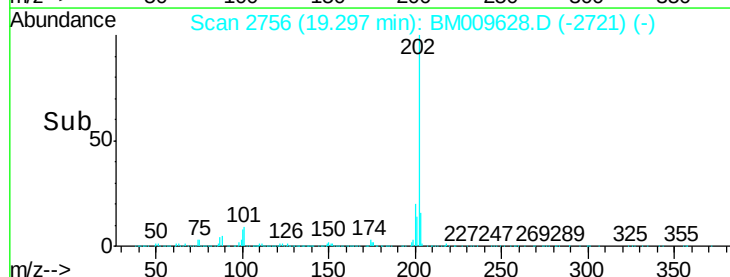
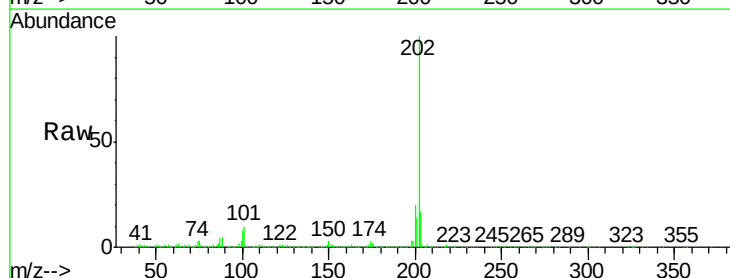
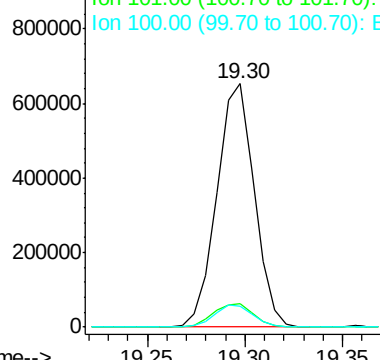
Acq: 07 Apr 2017 14:38

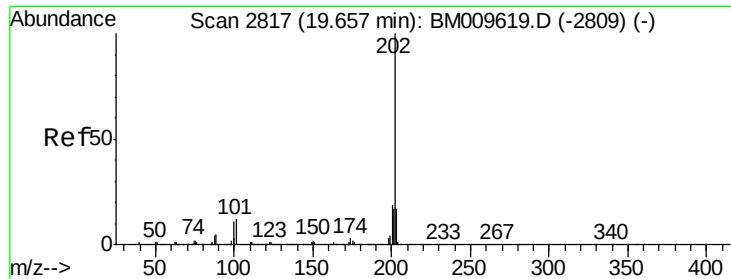
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.8	14.8#
100	8.4	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





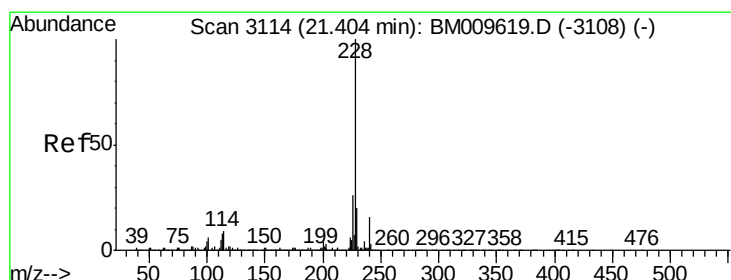
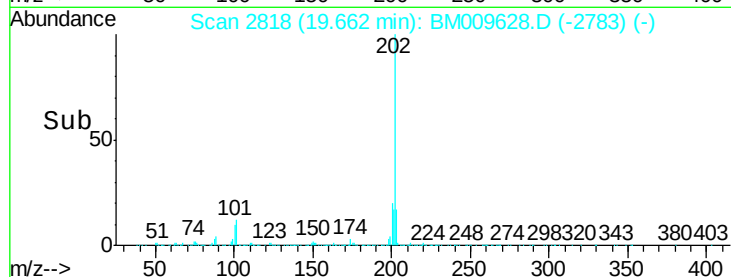
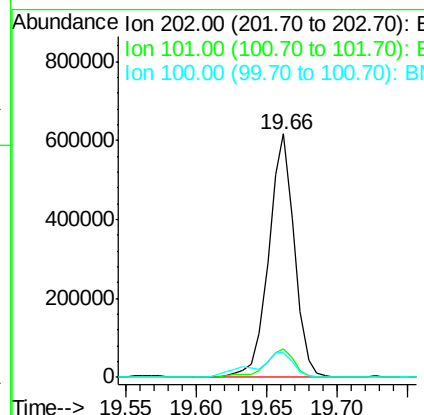
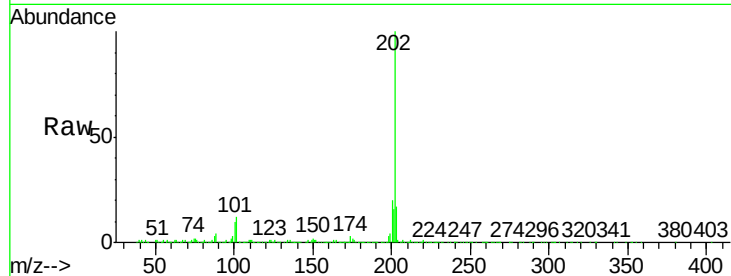
#20
Pyrene
Concen: 13.85 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009628.D
Acq: 07 Apr 2017 14:38

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	11.2	16.8
100	9.9	9.8	14.6

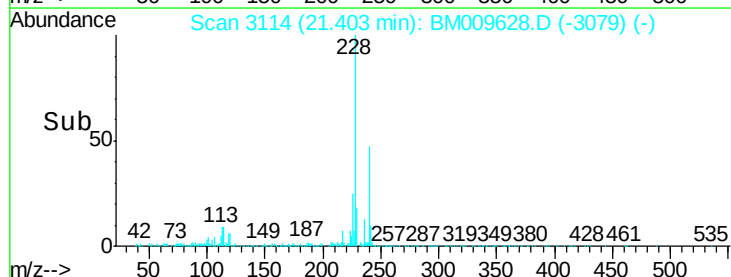
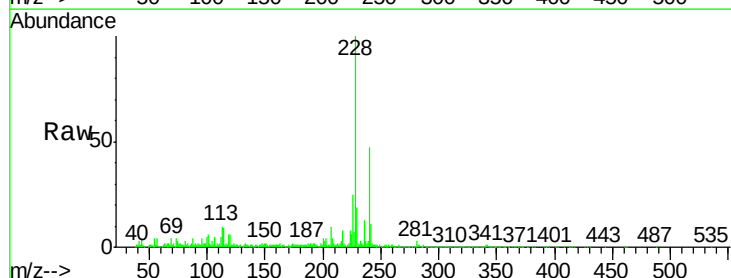
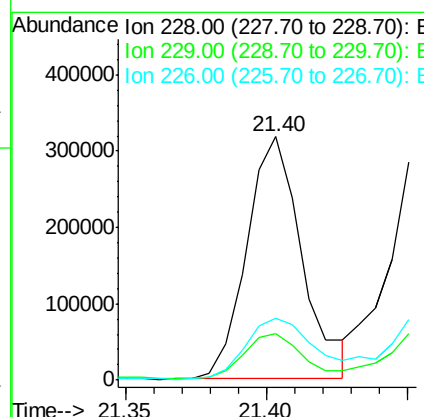
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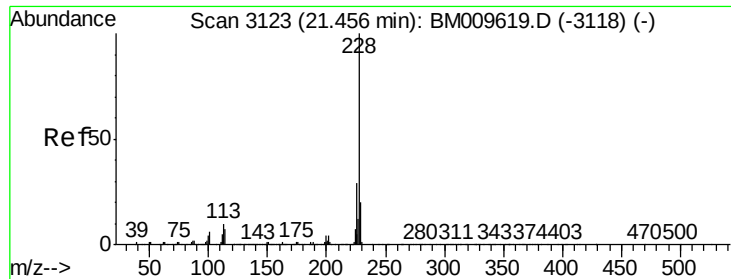
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#21
Benzo(a)anthracene
Concen: 7.35 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009628.D
Acq: 07 Apr 2017 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.1	15.9	23.9
226	25.3	22.1	33.1





#22

Chrysene

Concen: 8.15 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM009628.D

Acq: 07 Apr 2017 14:38

Instrument :

BNA_M

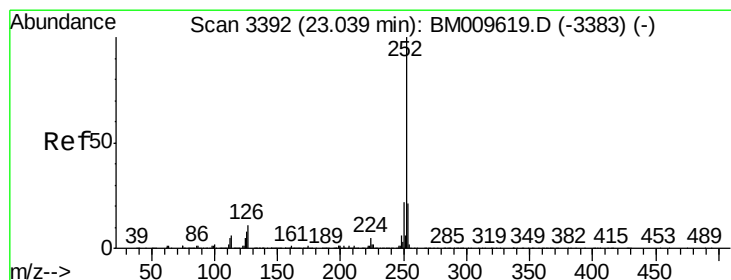
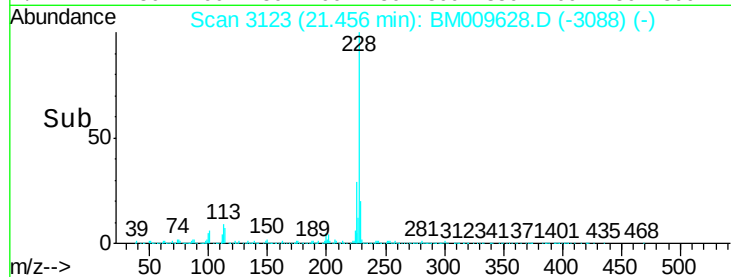
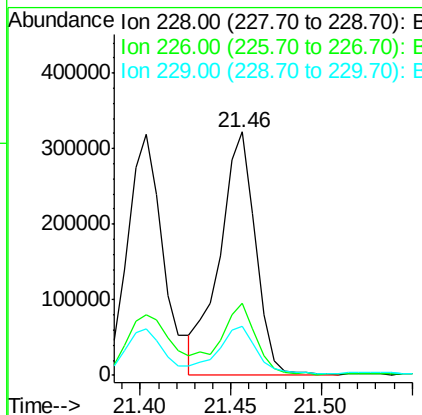
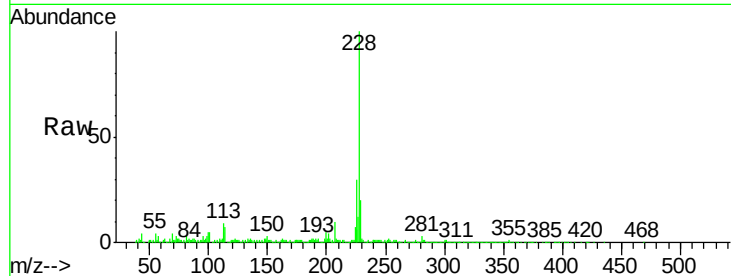
ClientSampleId :

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Tgt Ion:	228	Resp:	440127
Ion Ratio		Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.2	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 9.23 ng/ul

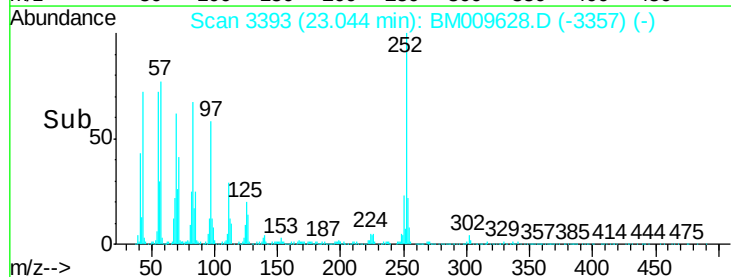
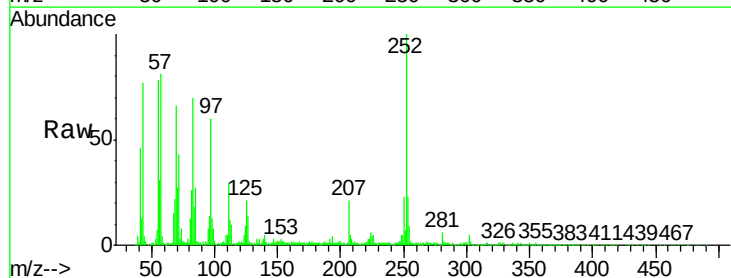
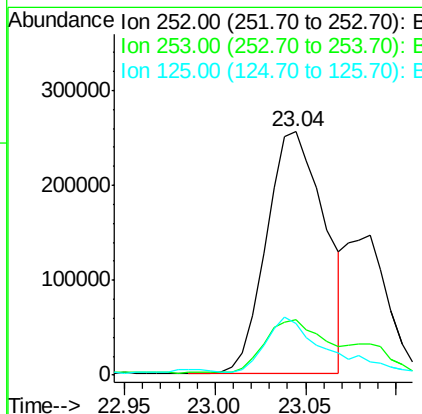
RT: 23.04 min Scan# 3393

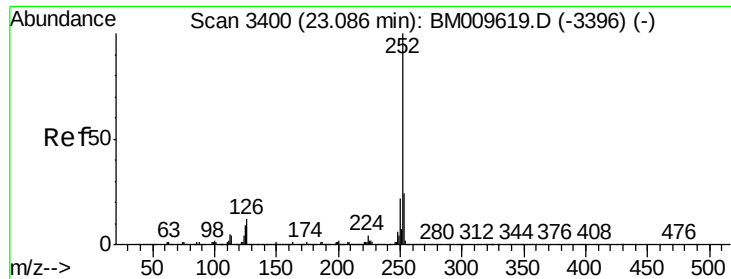
Delta R.T. 0.01 min

Lab File: BM009628.D

Acq: 07 Apr 2017 14:38

Tgt Ion:	252	Resp:	572420
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.8	26.6
125	21.1	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 3.89 ng/ul m

RT: 23.09 min Scan# 3400

Delta R.T. 0.01 min

Lab File: BM009628.D

Acq: 07 Apr 2017 14:38

Instrument :

BNA_M

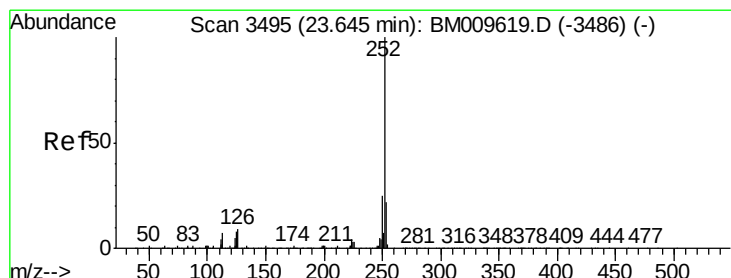
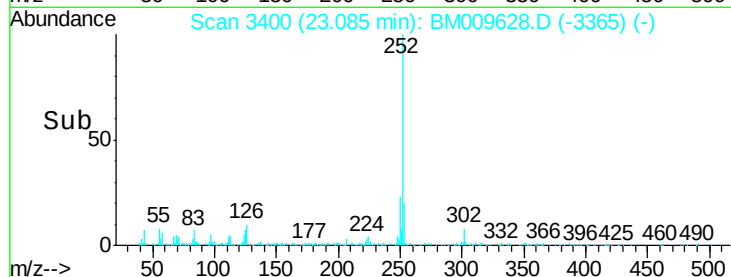
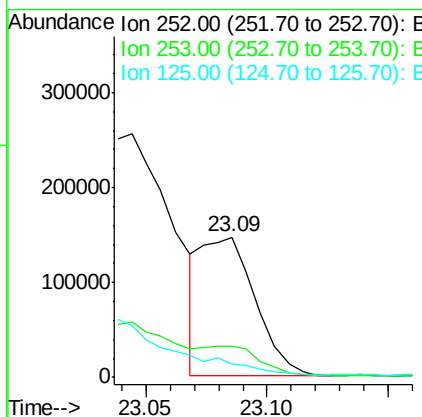
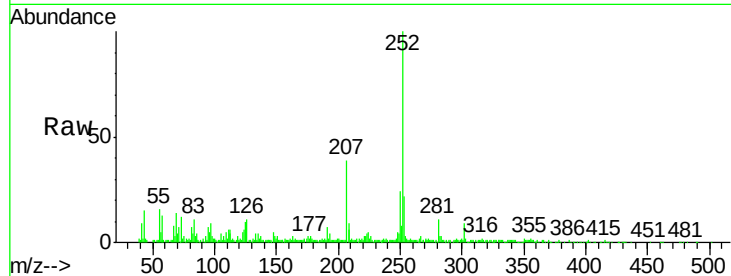
ClientSampleId :

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Tgt Ion:	252	Resp:	229897
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	9.8	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 6.99 ng/ul m

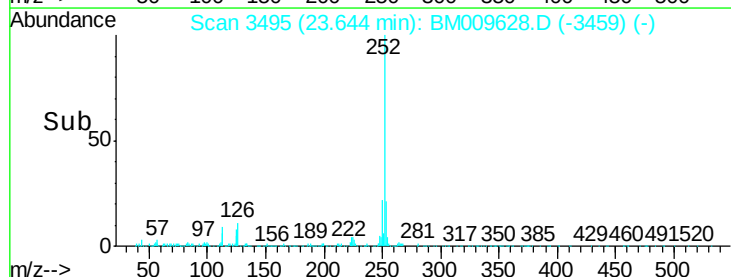
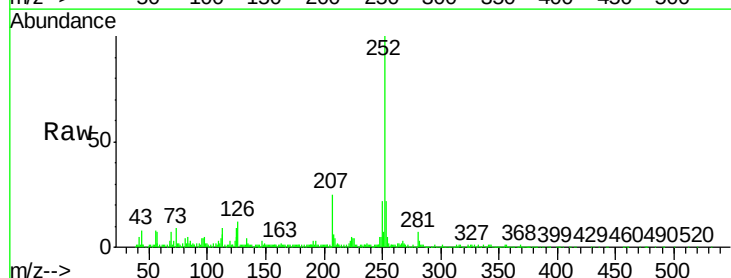
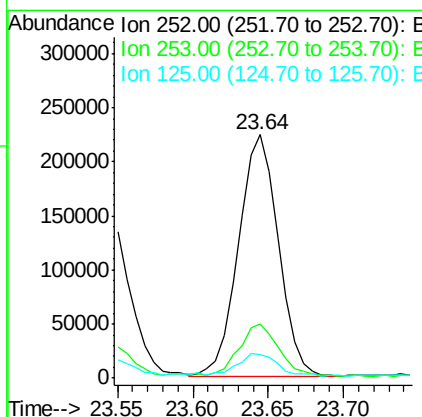
RT: 23.64 min Scan# 3495

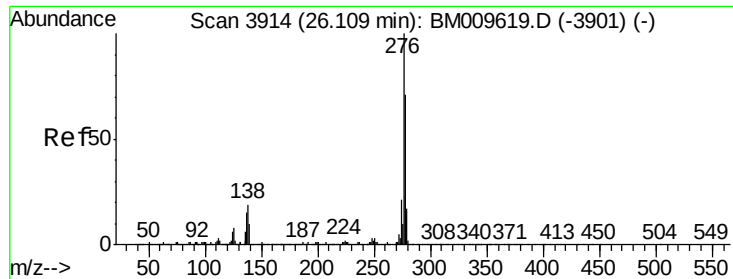
Delta R.T. 0.01 min

Lab File: BM009628.D

Acq: 07 Apr 2017 14:38

Tgt Ion:	252	Resp:	412031
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	9.4	9.4	14.2#





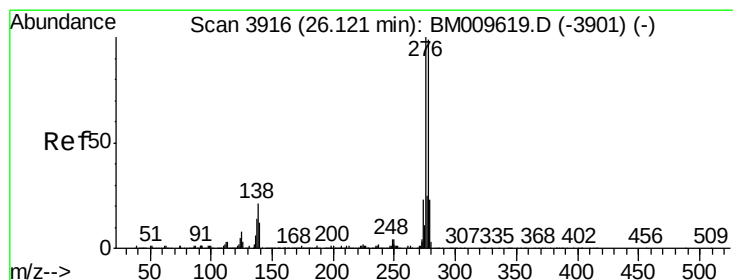
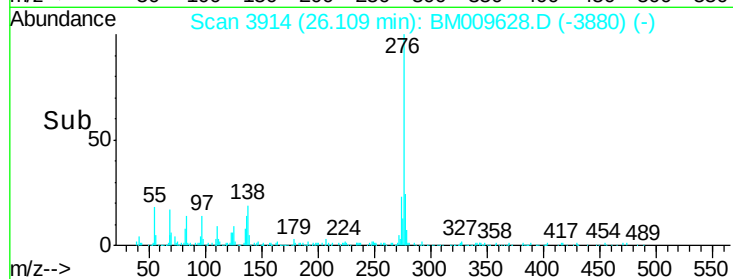
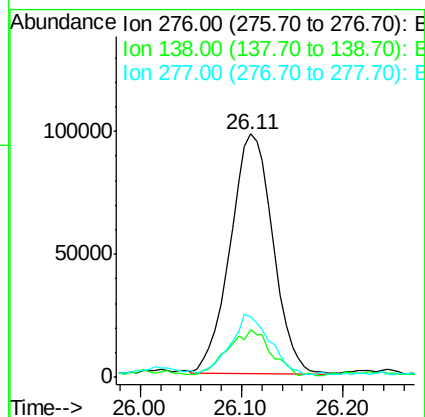
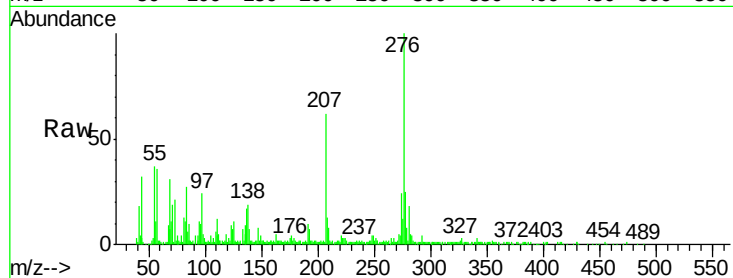
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 4.32 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: BM009628.D
 Acq: 07 Apr 2017 14:38

Instrument :
 BNA_M
 ClientSampled :
 CB378

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	285287		
138	19.4	17.8	26.6	
277	25.1	19.4	29.0	

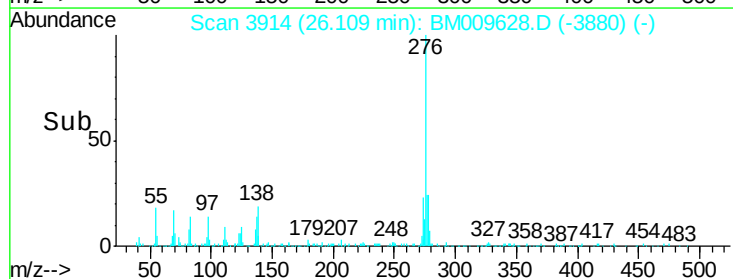
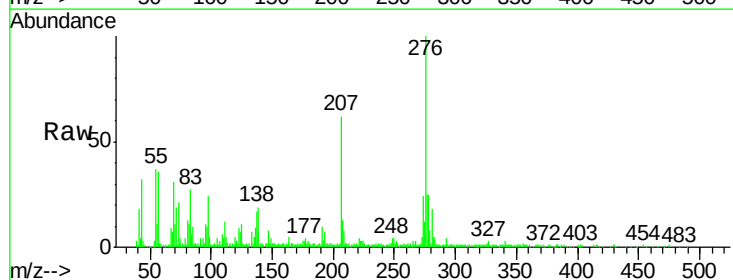
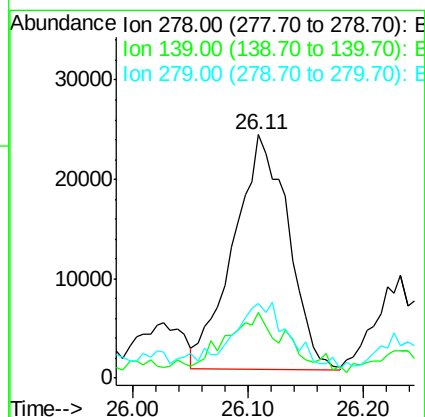
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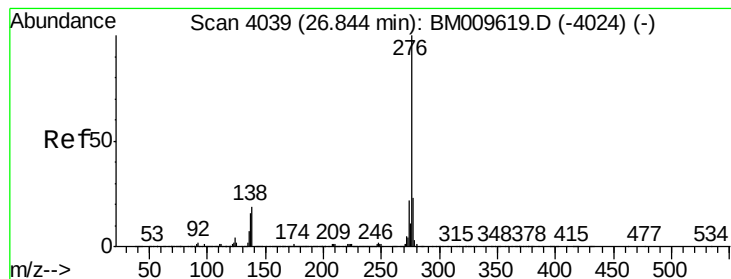
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.38 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: BM009628.D
 Acq: 07 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	77497		
139	26.7	14.0	21.0#	
279	30.9	20.6	31.0	





#30

Benzo(g,h,i)perylene

Concen: 4.38 ng/ul

RT: 26.84 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM009628.D

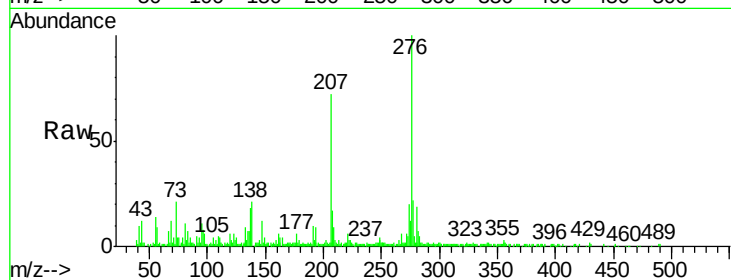
Acq: 07 Apr 2017 14:38

Instrument :

BNA_M

ClientSampleId :

CB378



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		238860		
138	21.2	19.0	28.4		
277	22.0	19.7	29.5		

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