

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
 Data File : BM009629.D
 Acq On : 07 Apr 2017 15:14
 Operator : SJ/MA
 Sample : I2526-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB379

Manual Integrations
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 4/10/2017 1:23:36 PM

Quant Time: Apr 07 15:46:41 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	160573	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	632082	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	356489	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	854900	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1058788	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1028531	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	301381	31.01	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1255171	35.93	ng/ul	0.00
10) Fluorene-d10	15.48	176	906194	36.06	ng/ul	0.00
15) Anthracene-d10	17.34	188	1479039	36.16	ng/ul	0.00
19) Pyrene-d10	19.63	212	1749278	40.20	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1735394	38.21	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.69	128	43899	1.35	ng/ul	Qvalue 98
8) Acenaphthylene	14.21	152	50592	1.44	ng/ul	96
14) Phenanthrene	17.28	178	586180	12.20	ng/ul	97
16) Anthracene	17.37	178	51942	1.05	ng/ul	99
17) Fluoranthene	19.30	202	943707	15.77	ng/ul	98
20) Pyrene	19.66	202	804231	13.95	ng/ul	95
21) Benzo(a)anthracene	21.40	228	334171	5.58	ng/ul	96
22) Chrysene	21.46	228	448882	8.18	ng/ul	96
24) Benzo(b)fluoranthene	23.04	252	623251	9.80	ng/ul#	97
25) Benzo(k)fluoranthene	23.09	252	172582m	2.85	ng/ul	
27) Benzo(a)pyrene	23.64	252	354271	5.86	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	280263	4.13	ng/ul	96
29) Dibenzo(a,h)anthracene	26.11	278	67027	1.16	ng/ul#	93
30) Benzo(g,h,i)perylene	26.84	276	243989	4.36	ng/ul#	92

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

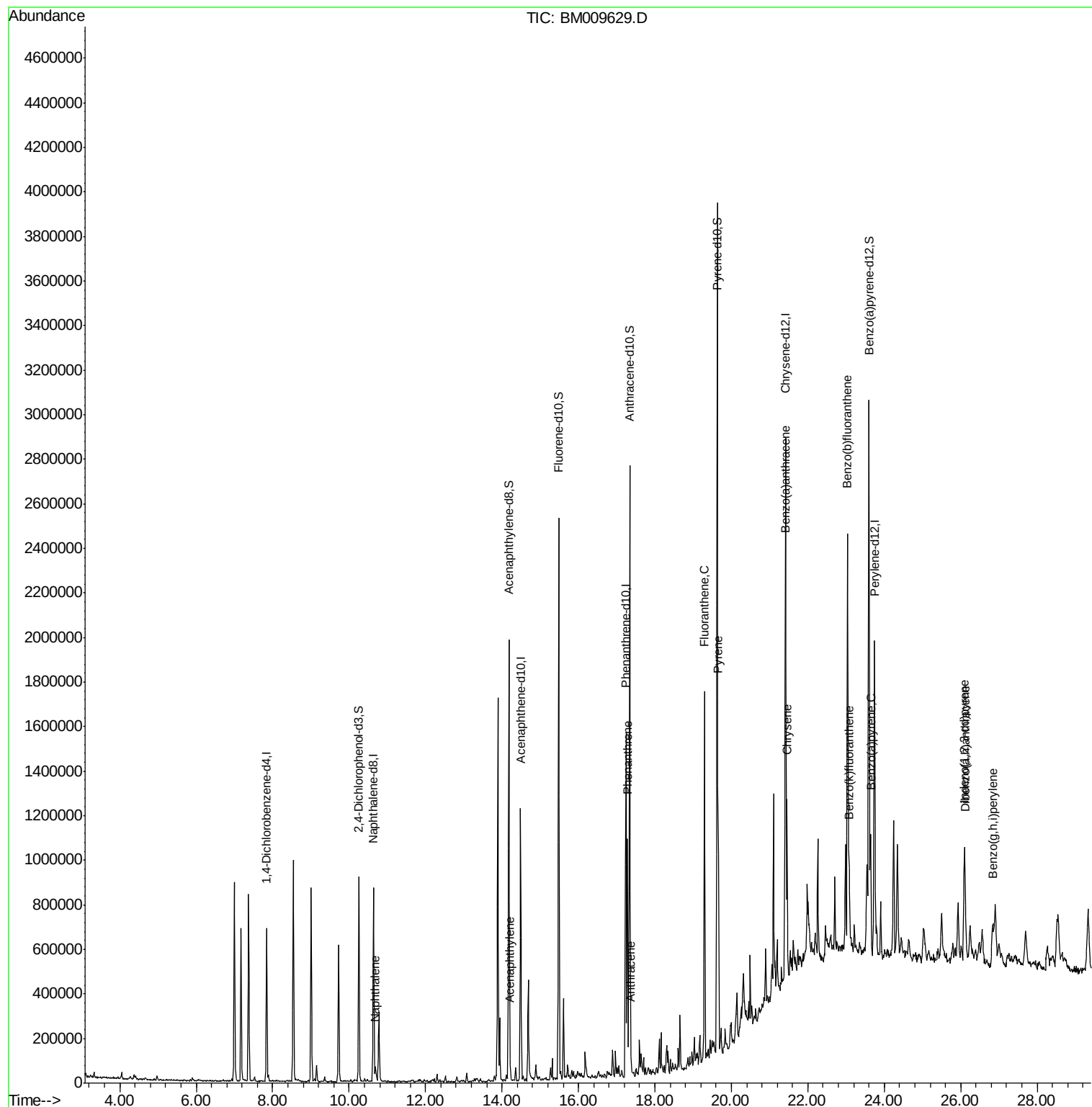
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
Data File : BM009629.D
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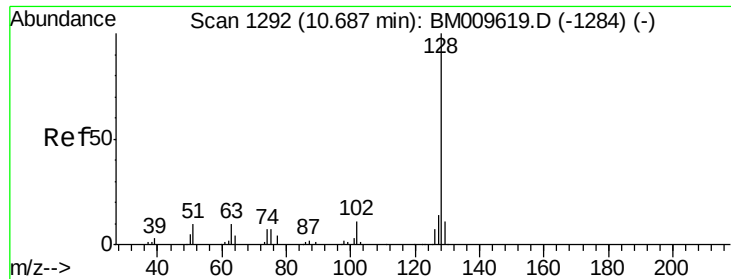
Instrument :
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QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.35 ng/ul

RT: 10.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Instrument :

BNA_M

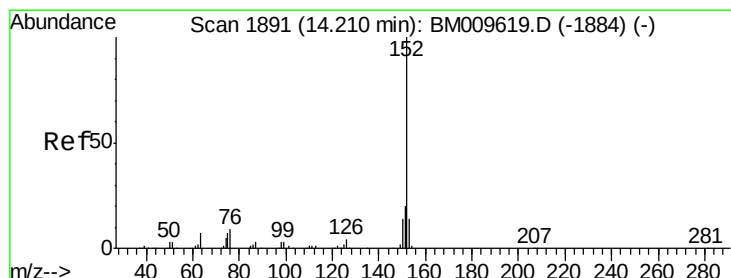
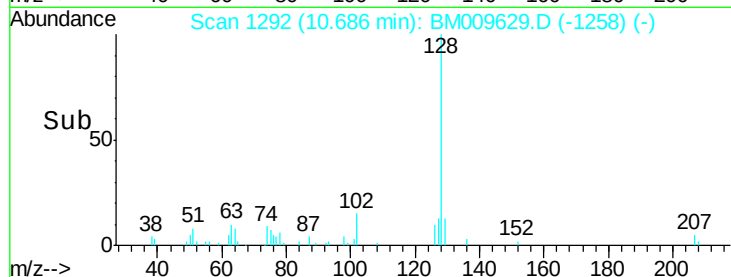
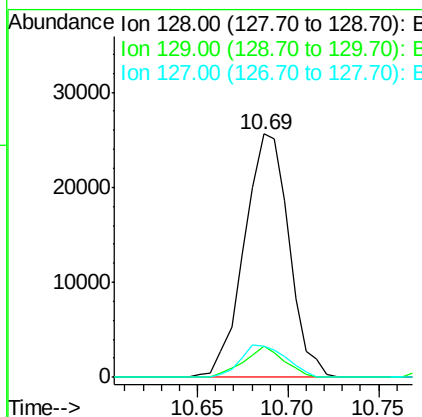
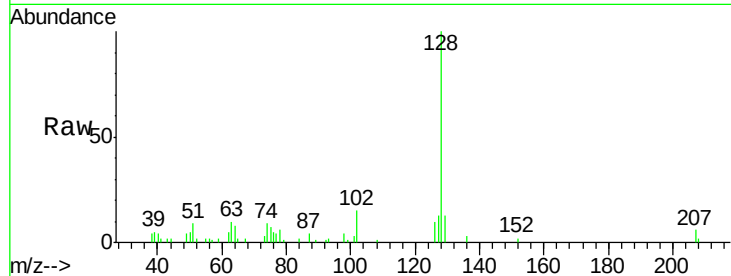
ClientSampleId :

CB379

Tgt Ion:	128	Resp:	43899
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.1	13.7
127	12.8	10.6	15.8

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#8

Acenaphthylene

Concen: 1.44 ng/ul

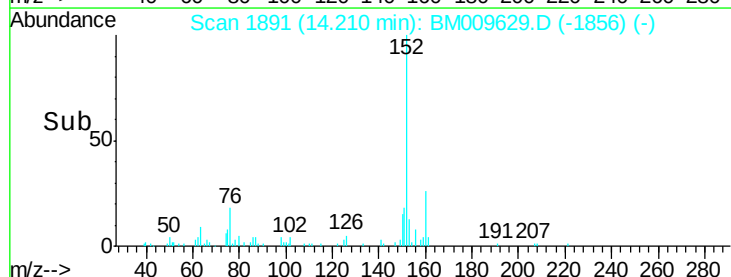
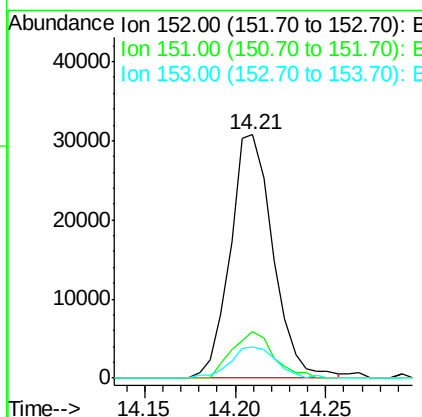
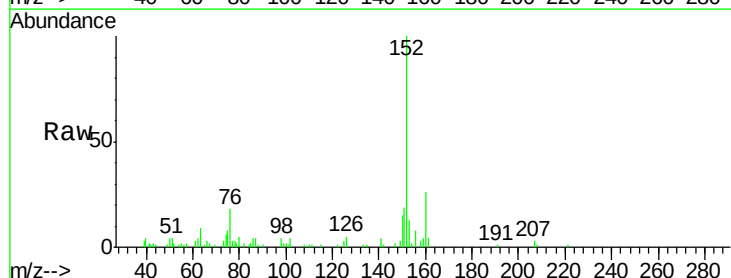
RT: 14.21 min Scan# 1891

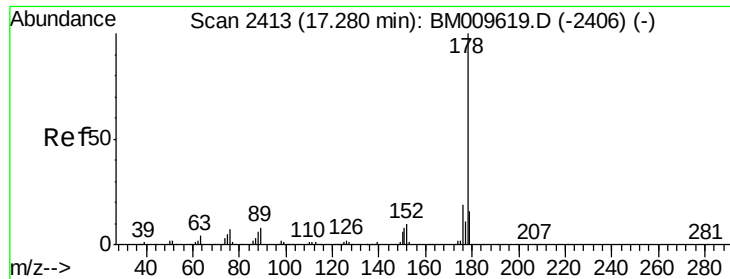
Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Tgt Ion:	152	Resp:	50592
Ion Ratio	Lower	Upper	
152	100		
151	18.9	17.5	26.3
153	12.8	10.6	16.0





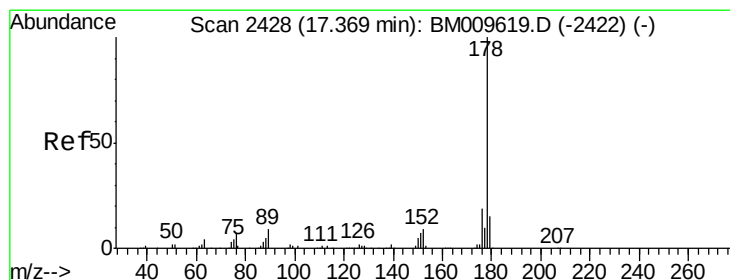
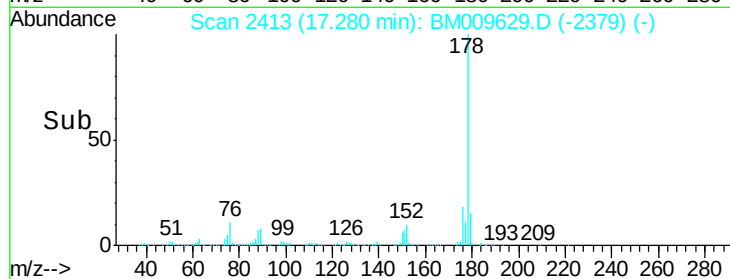
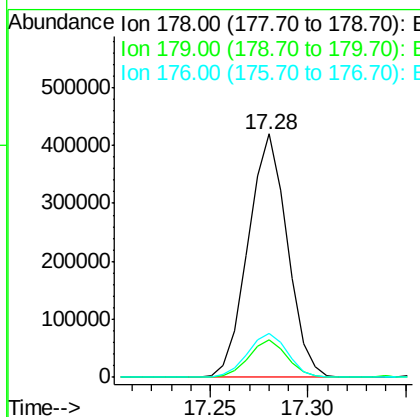
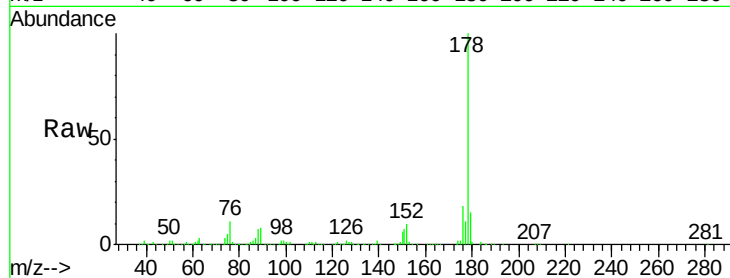
#14
Phenanthrene
Concen: 12.20 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009629.D
Acq: 07 Apr 2017 15:14

Instrument :
BNA_M
ClientSampleId :
CB379

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.2	16.4	24.6

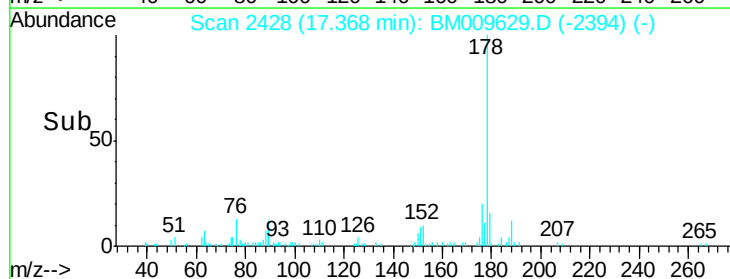
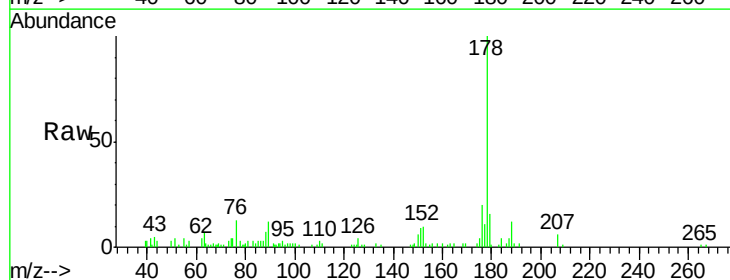
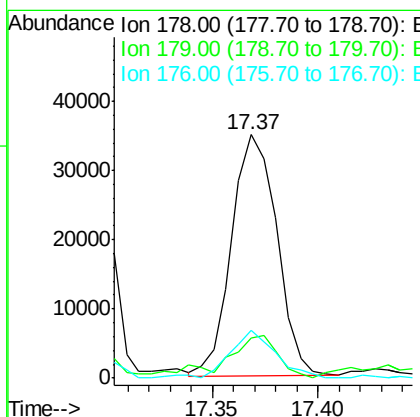
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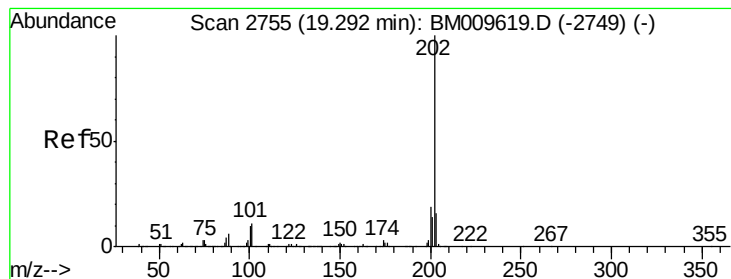
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#16
Anthracene
Concen: 1.05 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009629.D
Acq: 07 Apr 2017 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.7	19.1
176	19.5	15.8	23.8





#17

Fluoranthene

Concen: 15.77 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Instrument :

BNA_M

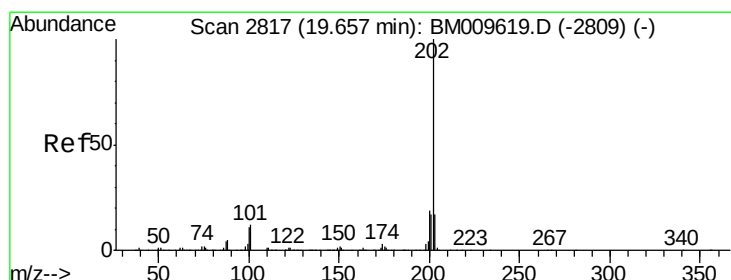
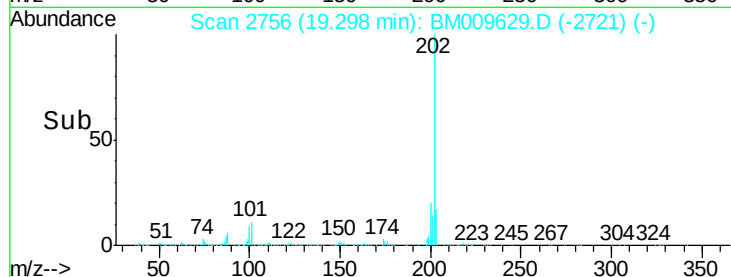
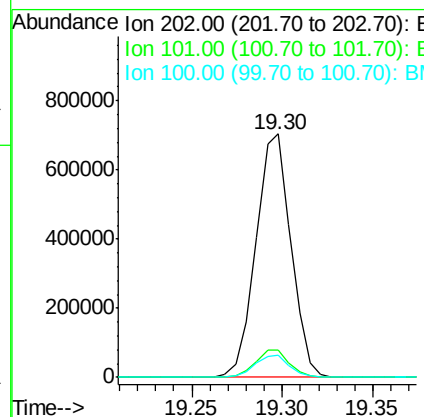
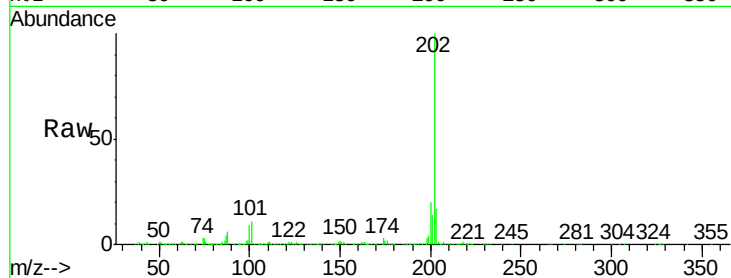
ClientSampleId :

CB379

Tgt	Ion	202	Resp:	943707
Ion	Ratio	Lower	Upper	
202	100			
101	11.2	9.8	14.8	
100	9.0	7.5	11.3	

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#20

Pyrene

Concen: 13.95 ng/ul

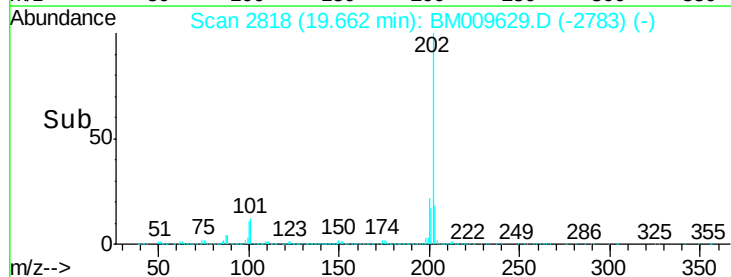
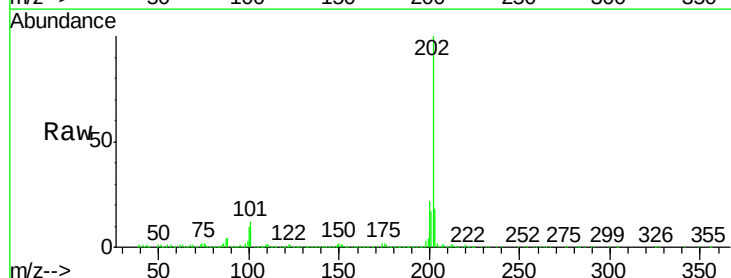
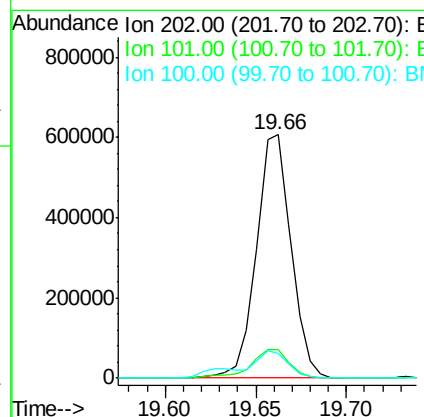
RT: 19.66 min Scan# 2818

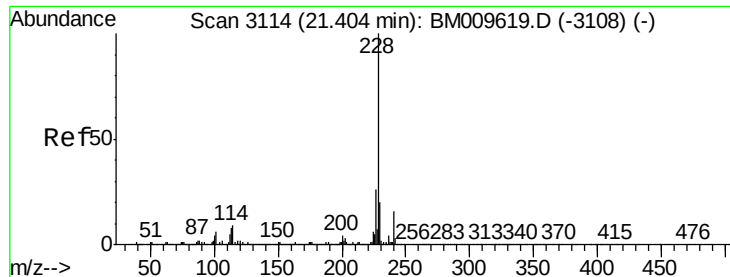
Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Tgt	Ion	202	Resp:	804231
Ion	Ratio	Lower	Upper	
202	100			
101	11.9	11.2	16.8	
100	10.4	9.8	14.6	





#21

Benzo(a)anthracene

Concen: 5.58 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Instrument :

BNA_M

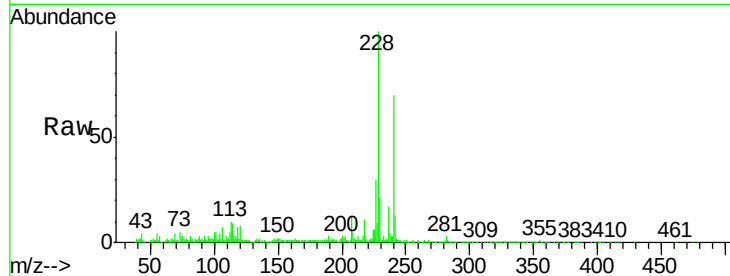
ClientSampleId :

CB379

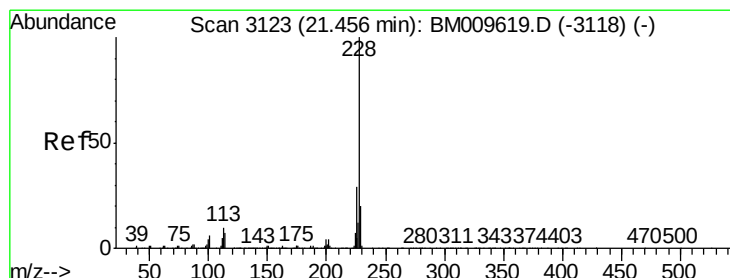
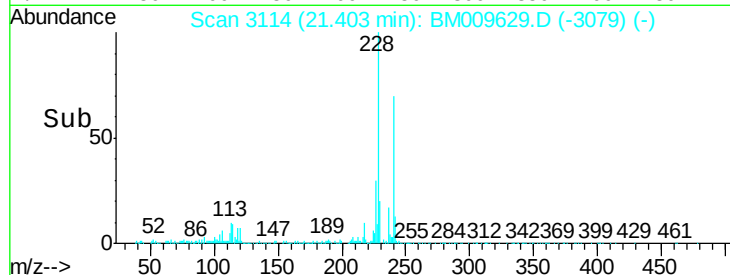
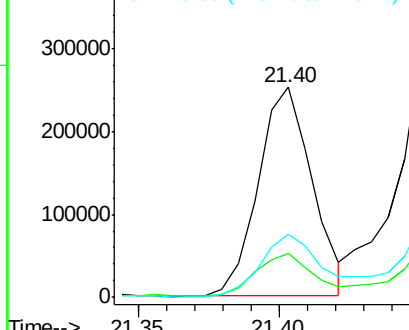
Tgt Ion:	228	Resp:	334171
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	30.3	22.1	33.1

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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



#22

Chrysene

Concen: 8.18 ng/ul

RT: 21.46 min Scan# 3123

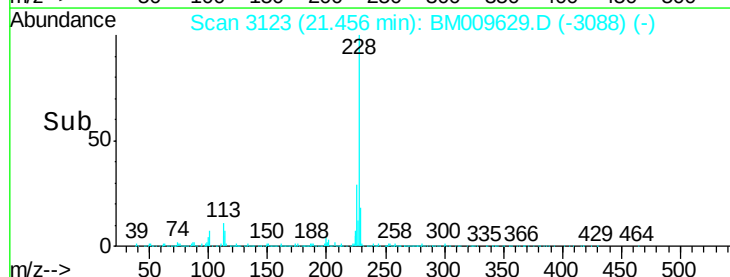
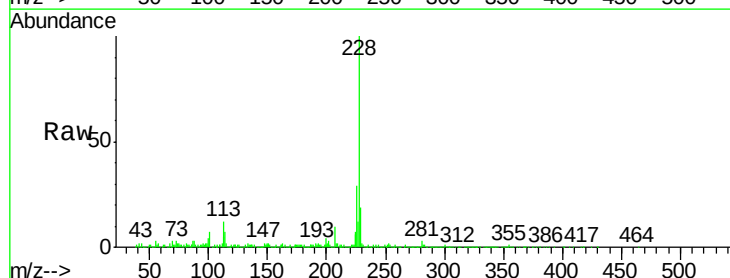
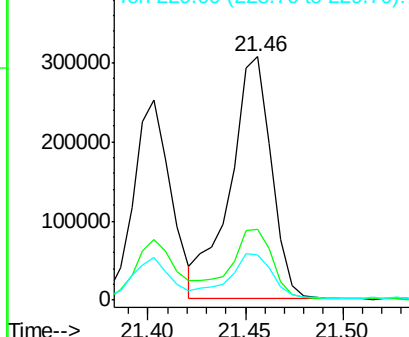
Delta R.T. 0.01 min

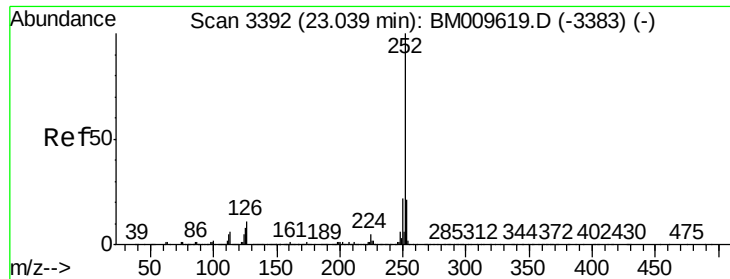
Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Tgt Ion:	228	Resp:	448882
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.6
229	18.7	16.6	25.0

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





#24

Benzo(b)fluoranthene

Concen: 9.80 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Instrument :

BNA_M

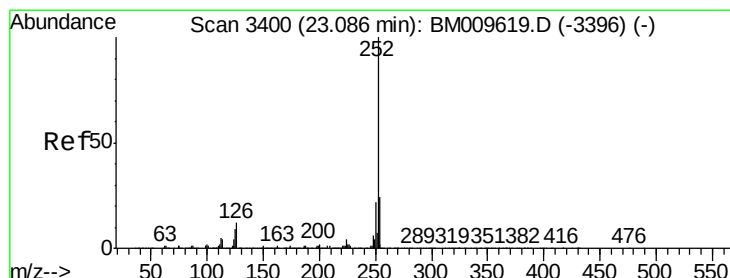
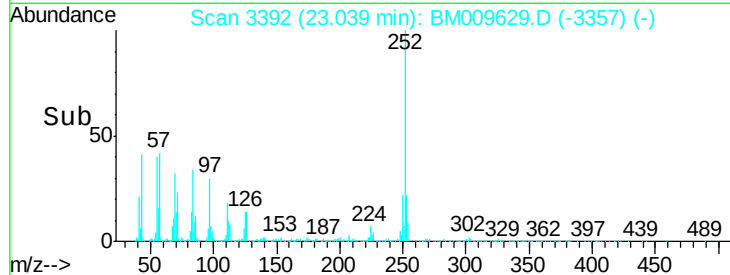
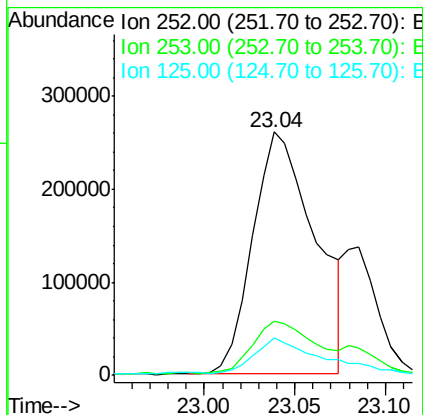
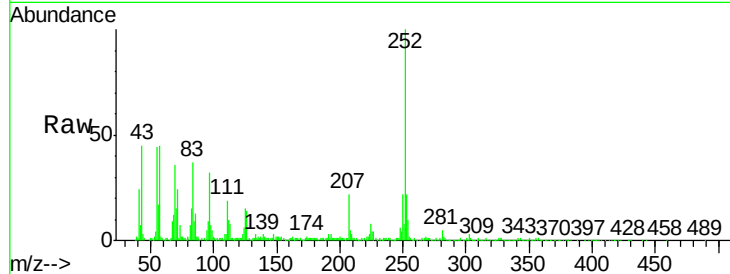
ClientSampleId :

CB379

Tgt Ion:	252	Resp:	623251
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	15.2	9.4	14.0#

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#25

Benzo(k)fluoranthene

Concen: 2.85 ng/ul m

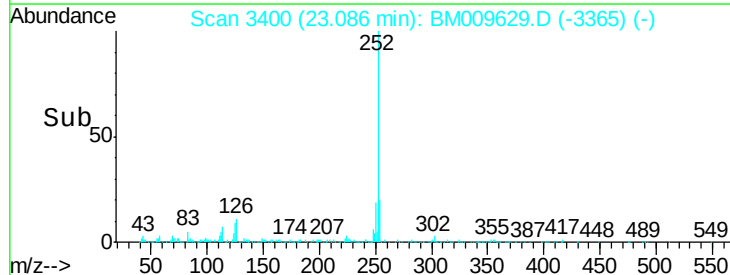
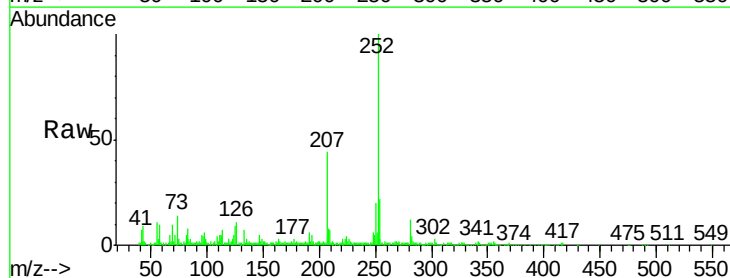
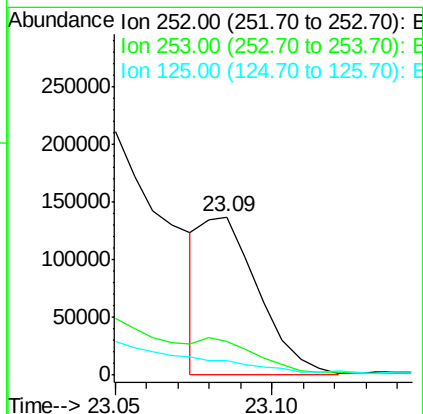
RT: 23.09 min Scan# 3400

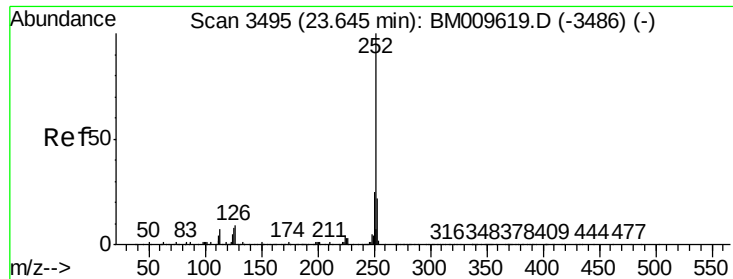
Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Tgt Ion:	252	Resp:	172582
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	9.1	8.8	13.2





#27

Benzo(a)pyrene

Concen: 5.86 ng/ul

RT: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM009629.D

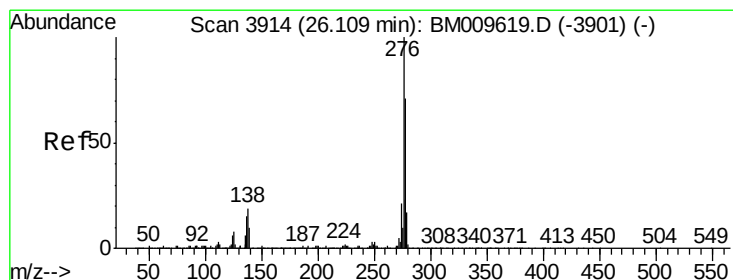
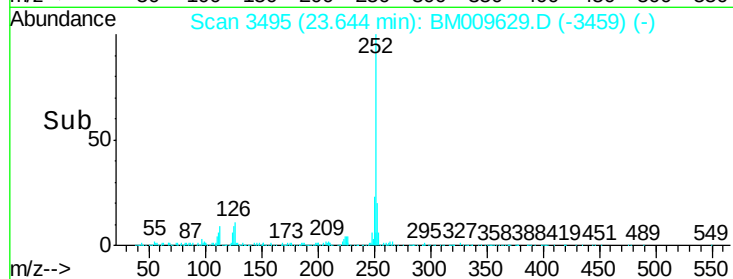
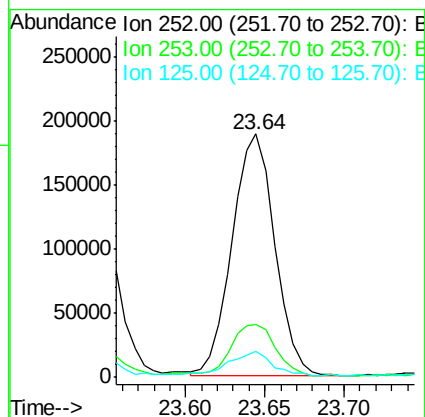
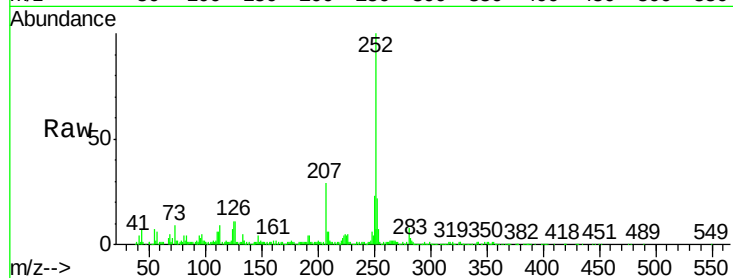
Acq: 07 Apr 2017 15:14

Instrument :
BNA_M
ClientSampled :
CB379

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	354271		
253	21.6	17.1	25.7	
125	10.5	9.4	14.2	

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#28

Indeno(1,2,3-cd)pyrene

Concen: 4.13 ng/ul

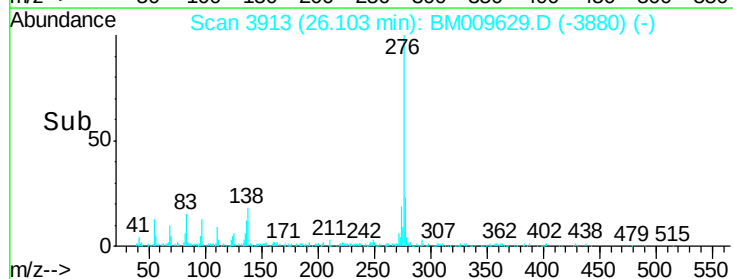
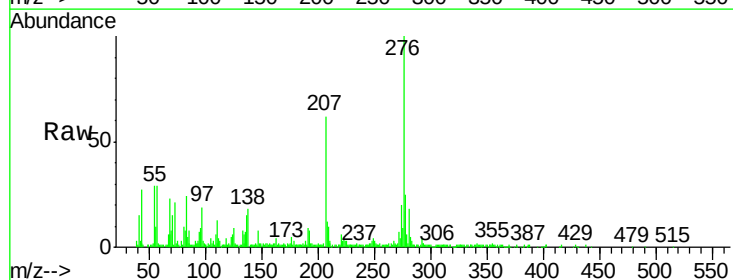
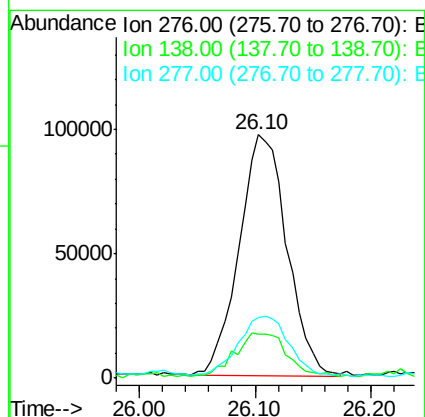
RT: 26.10 min Scan# 3913

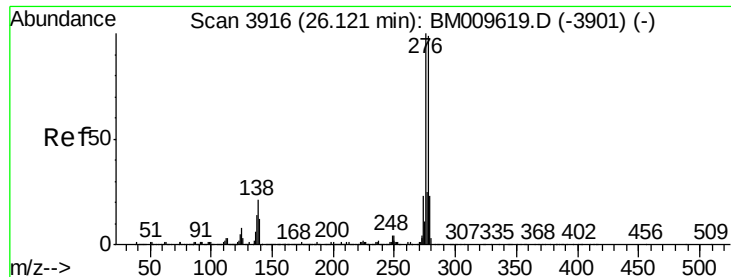
Delta R.T. -0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	280263		
138	18.3	17.8	26.6	
277	24.7	19.4	29.0	





#29

Dibenzo(a,h)anthracene

Concen: 1.16 ng/ul

RT: 26.11 min Scan# 3915

Delta R.T. 0.01 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Instrument :

BNA_M

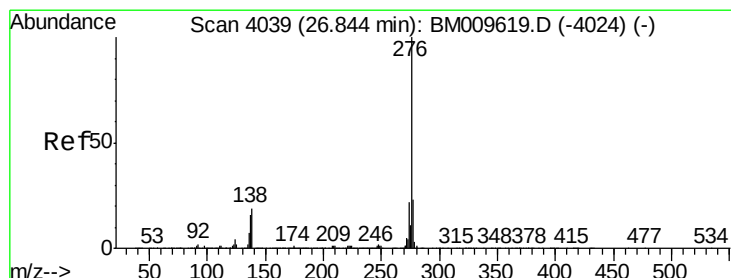
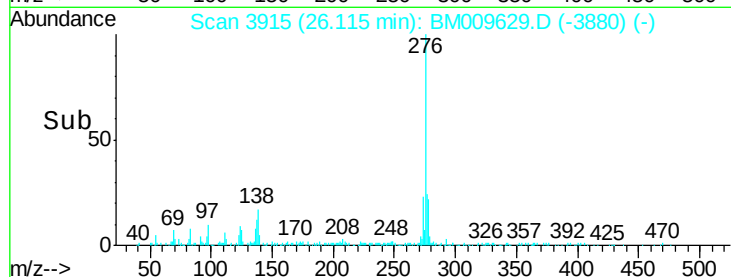
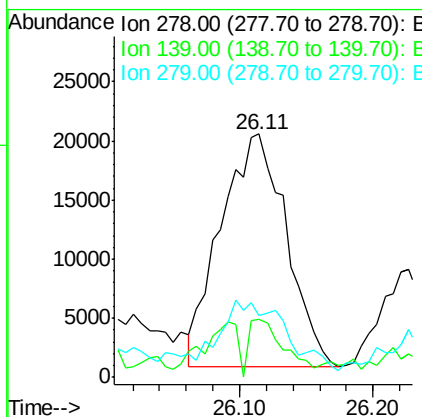
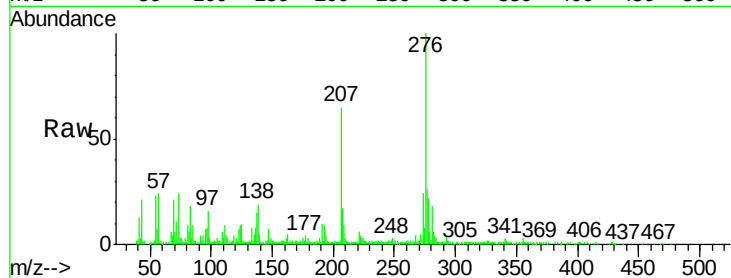
ClientSampled :

CB379

Tgt Ion:	278	Resp:	67027
Ion Ratio	Lower	Upper	
278	100		
139	24.1	14.0	21.0#
279	25.3	20.6	31.0

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#30

Benzo(g,h,i)perylene

Concen: 4.36 ng/ul

RT: 26.84 min Scan# 4038

Delta R.T. 0.00 min

Lab File: BM009629.D

Acq: 07 Apr 2017 15:14

Tgt Ion:	276	Resp:	243989
Ion Ratio	Lower	Upper	
276	100		
138	17.2	19.0	28.4#
277	25.8	19.7	29.5

