

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031717\
 Data File : BM009278.D
 Acq On : 17 Mar 2017 17:37
 Operator : SJ/MA
 Sample : I2218-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB300

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:08:44 PM

Quant Time: Mar 18 00:55:26 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	98102	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	439697	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	317460	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	836253	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1315396	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1362960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	4577	0.64	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	606553	22.54	ng/ul	0.00
10) Fluorene-d10	15.50	176	567925	24.07	ng/ul	0.00
15) Anthracene-d10	17.36	188	966227	24.32	ng/ul	0.00
19) Pyrene-d10	19.65	212	1271159	24.10	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.61	264	1014882	16.38	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.30	178	66976	1.42	ng/ul	98
17) Fluoranthene	19.32	202	146992	2.46	ng/ul	97
20) Pyrene	19.68	202	139798	2.06	ng/ul#	92
21) Benzo(a)anthracene	21.42	228	90645m	1.21	ng/ul	
22) Chrysene	21.47	228	88300	1.25	ng/ul	99
24) Benzo(b)fluoranthene	23.06	252	106089	1.32	ng/ul#	78

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

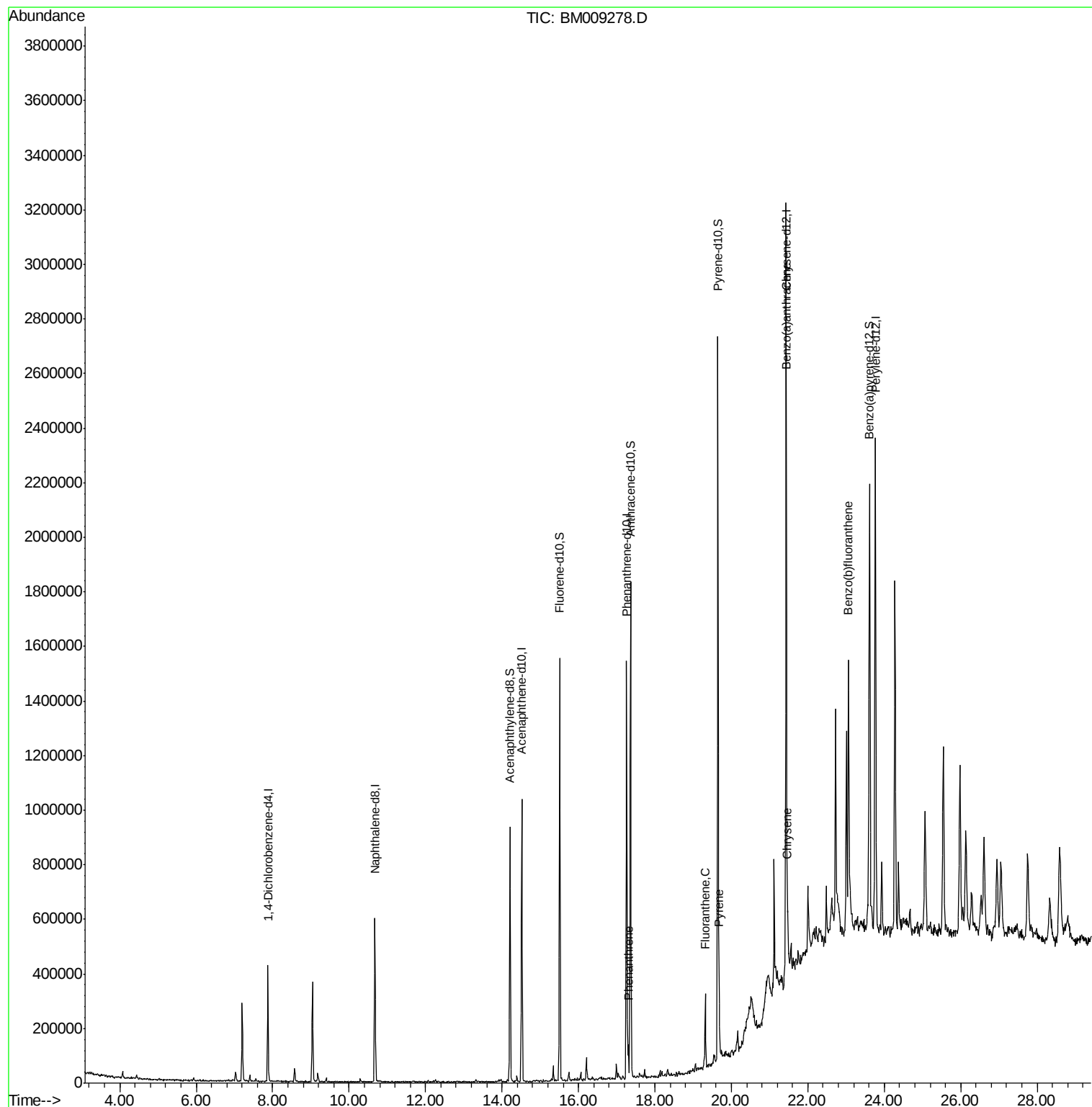
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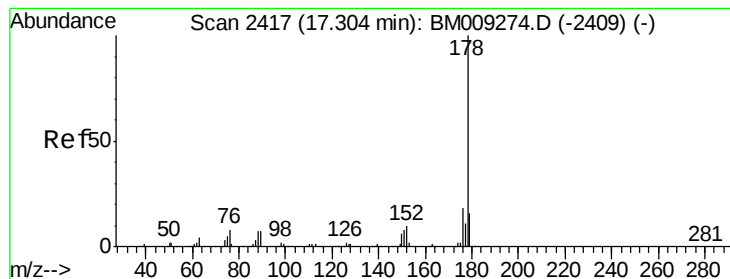
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#14

Phenanthrene

Concen: 1.42 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

Instrument :

BNA_M

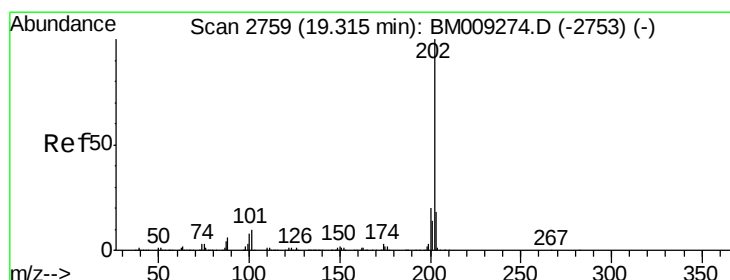
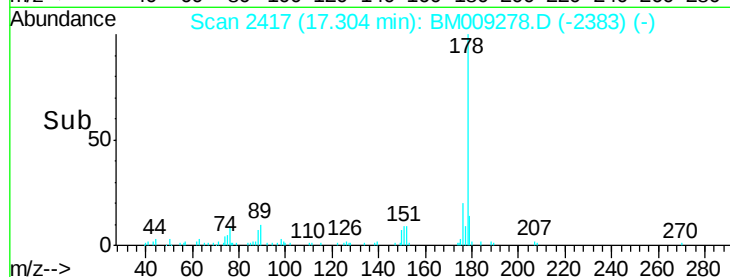
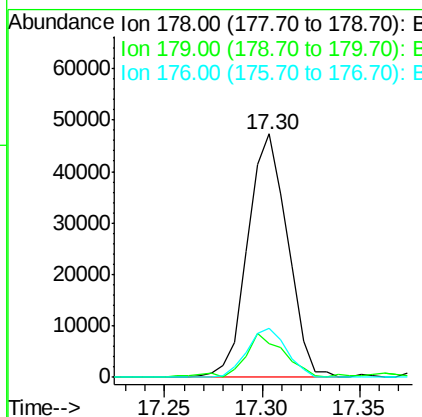
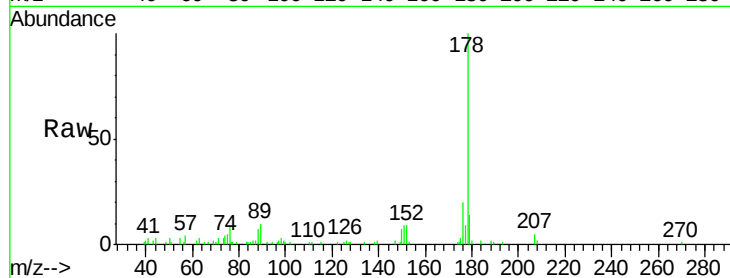
ClientSampleId :

CB300

Tgt Ion:	178	Resp:	66976
Ion Ratio	Lower	Upper	
178	100		
179	13.8	12.2	18.4
176	20.4	16.4	24.6

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#17

Fluoranthene

Concen: 2.46 ng/ul

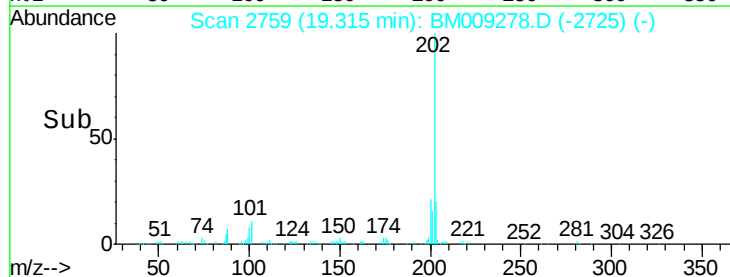
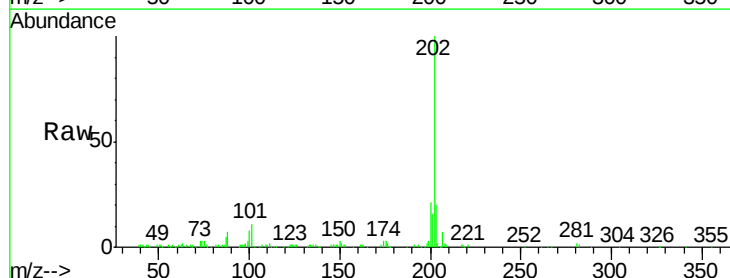
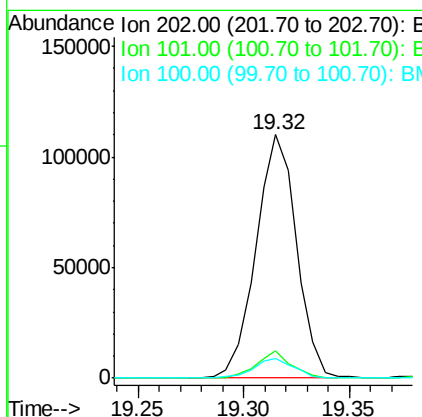
RT: 19.32 min Scan# 2759

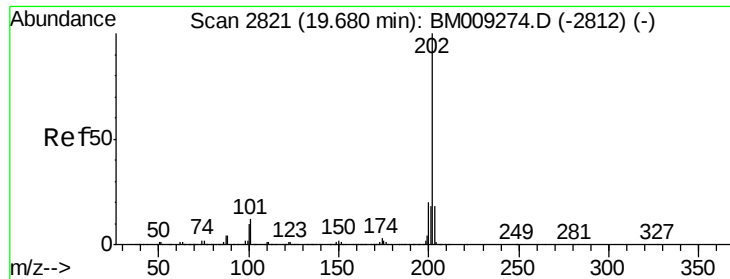
Delta R.T. 0.00 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

Tgt Ion:	202	Resp:	146992
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.8	14.8
100	8.1	7.5	11.3





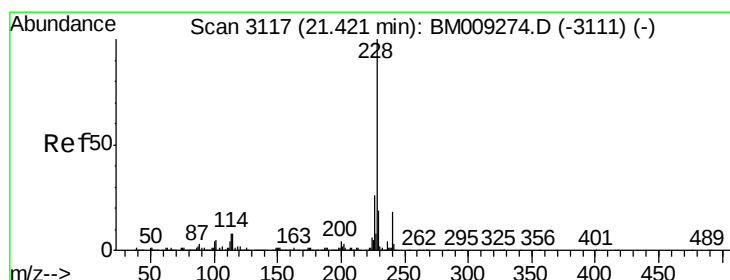
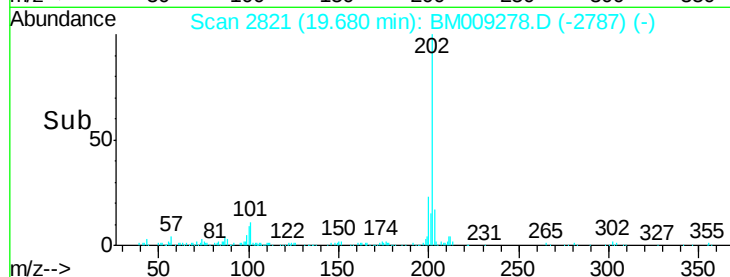
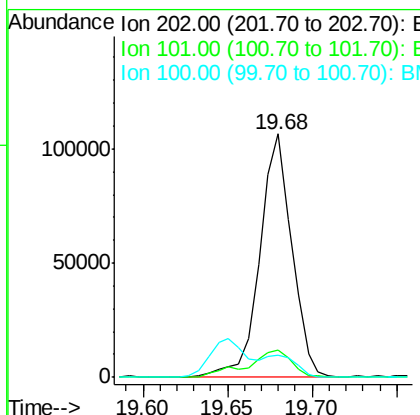
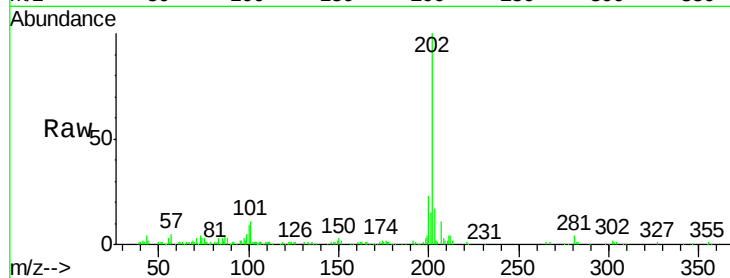
#20
Pyrene
Concen: 2.06 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM009278.D
Acq: 17 Mar 2017 17:37

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	11.2	16.8#
100	8.9	9.8	14.6#

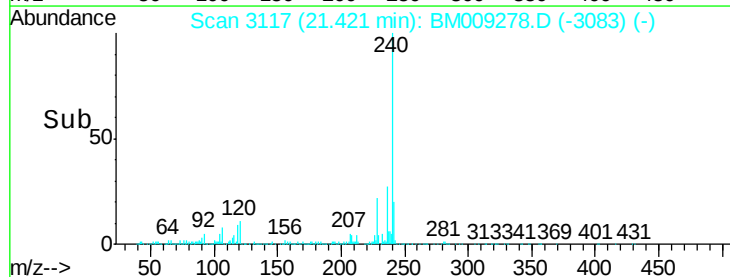
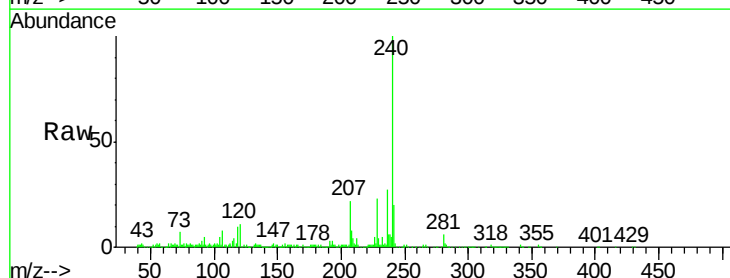
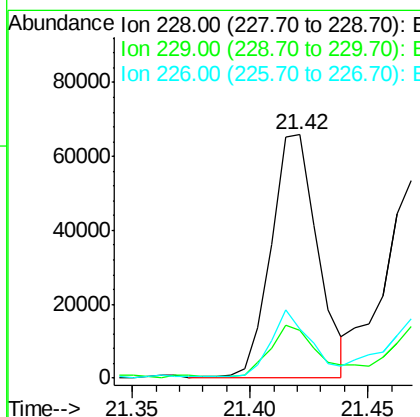
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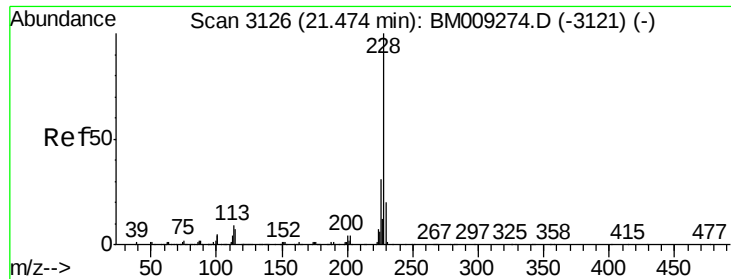
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#21
Benzo(a)anthracene
Concen: 1.21 ng/ul m
RT: 21.42 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM009278.D
Acq: 17 Mar 2017 17:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.4	15.9	23.9
226	20.4	22.1	33.1#





#22

Chrysene

Concen: 1.25 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

Instrument :

BNA_M

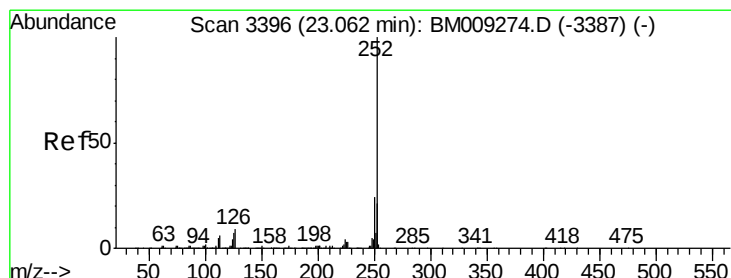
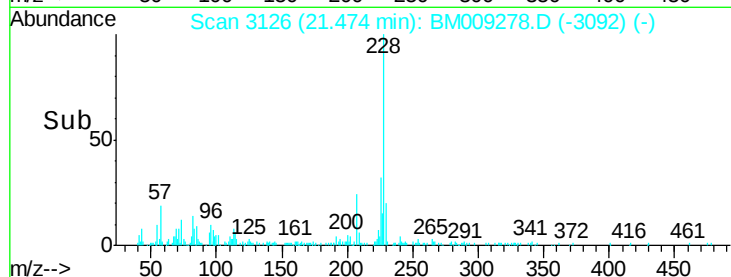
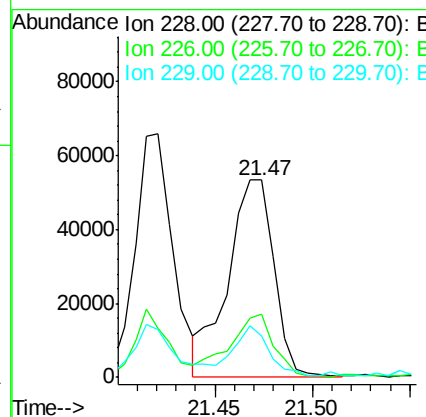
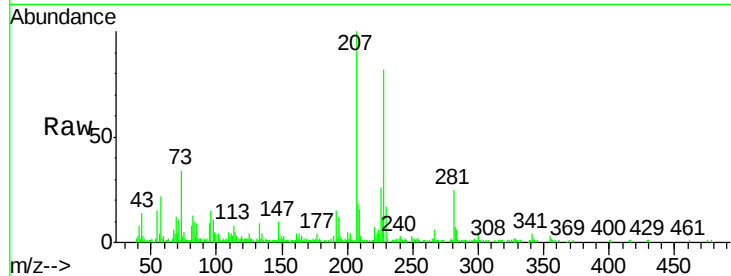
ClientSampleId :

CB300

Tgt Ion:	228	Resp:	88300
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.0	37.6
229	20.7	16.6	25.0

Manual Integrations
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#24

Benzo(b)fluoranthene

Concen: 1.32 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

Tgt Ion:	252	Resp:	106089
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.8	26.6
125	30.5	9.4	14.0#

