

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009603.D
 Acq On : 06 Apr 2017 20:47
 Operator : SJ/MA
 Sample : I2526-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB374

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:17 PM

Quant Time: Apr 07 03:31:45 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	146185	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	592191	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	335153	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	792502	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1046525	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1028724	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	260878	28.65	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1085258	33.04	ng/ul	0.00
10) Fluorene-d10	15.48	176	776655	32.87	ng/ul	0.00
15) Anthracene-d10	17.33	188	1228616	32.40	ng/ul	0.00
19) Pyrene-d10	19.63	212	1483228	34.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1532367	33.74	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.27	178	315664	7.08	ng/ul	97
16) Anthracene	17.37	178	63653	1.38	ng/ul	96
17) Fluoranthene	19.29	202	733274	13.21	ng/ul#	95
20) Pyrene	19.66	202	692631	12.16	ng/ul	97
21) Benzo(a)anthracene	21.40	228	430719	7.28	ng/ul	97
22) Chrysene	21.45	228	417625	7.70	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	590599	9.28	ng/ul#	97
25) Benzo(k)fluoranthene	23.07	252	230883m	3.81	ng/ul	
27) Benzo(a)pyrene	23.64	252	419936	6.94	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	292867	4.32	ng/ul#	92
29) Dibenzo(a,h)anthracene	26.11	278	84798m	1.47	ng/ul	
30) Benzo(a,h,i)perylene	26.83	276	285829	5.11	ng/ul#	91

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

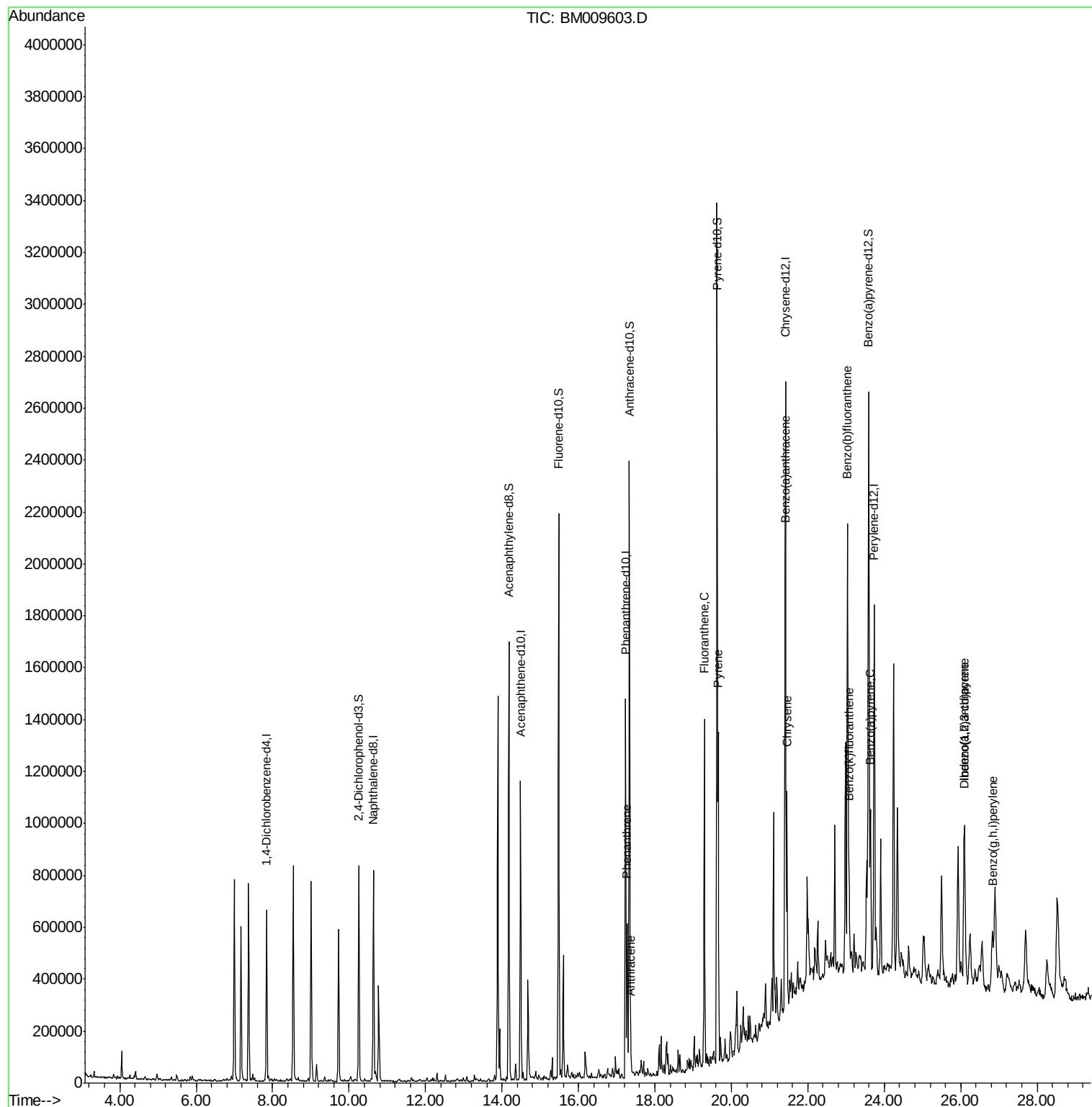
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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ALS Vial : 20 Sample Multiplier: 1

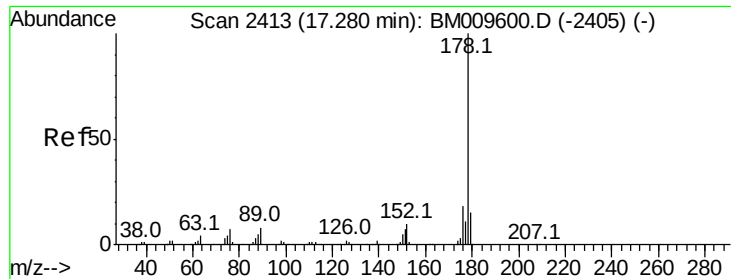
Instrument :
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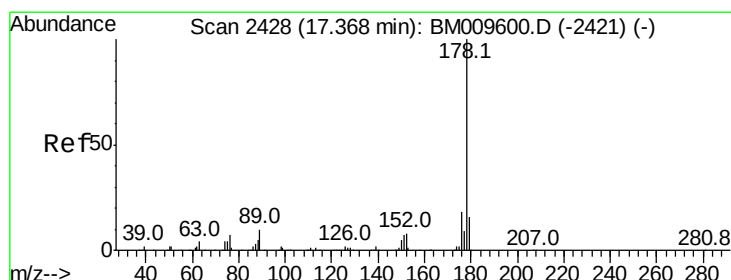
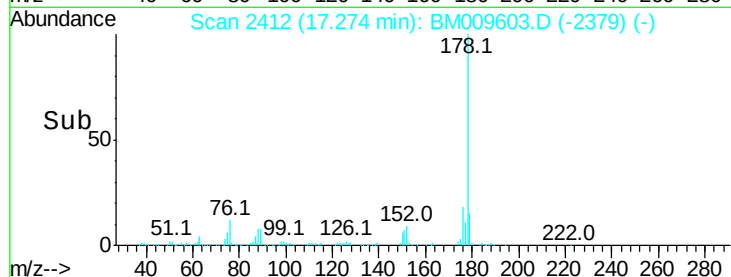
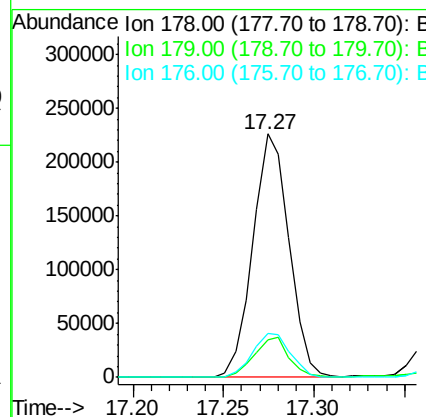
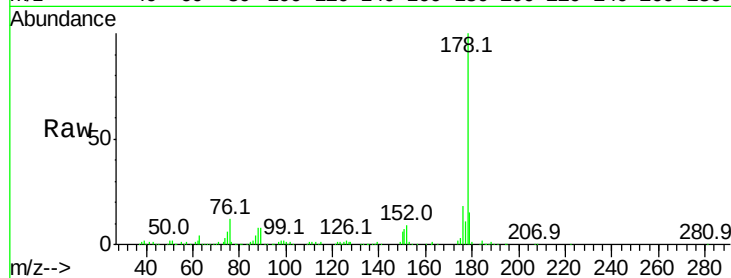
#14
 Phenanthrene
 Concen: 7.08 ng/ul
 RT: 17.27 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BM009603.D
 Acq: 06 Apr 2017 20:47

Instrument :
 BNA_M
 ClientSampleId :
 CB374

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.1	16.4	24.6

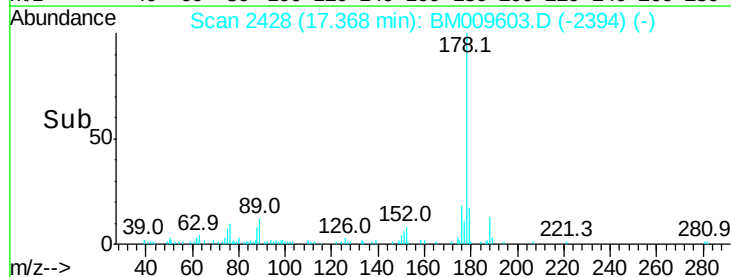
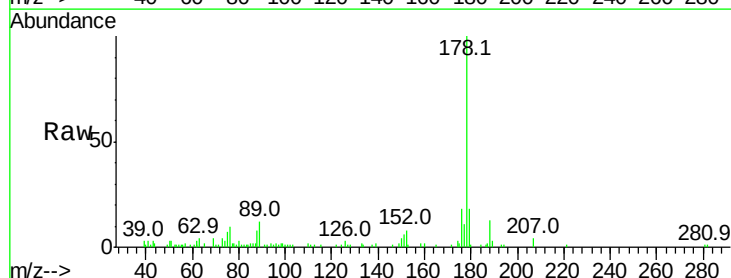
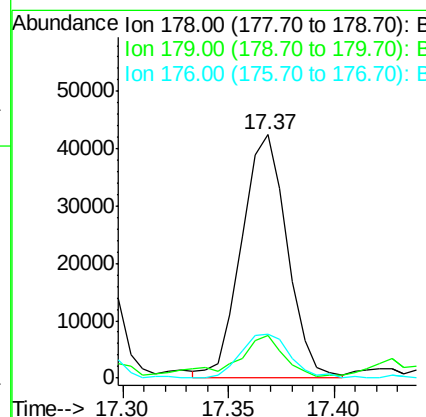
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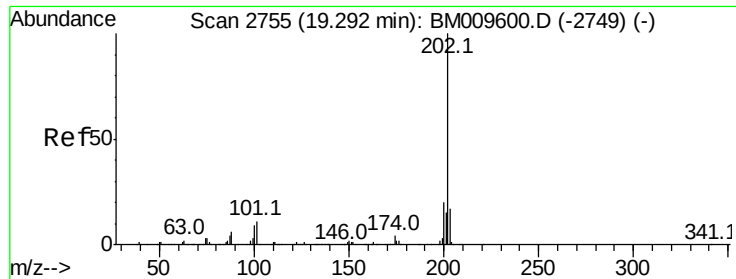
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#16
 Anthracene
 Concen: 1.38 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM009603.D
 Acq: 06 Apr 2017 20:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.7	19.1
176	18.1	15.8	23.8





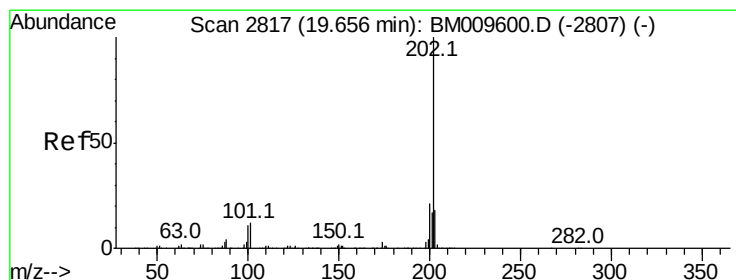
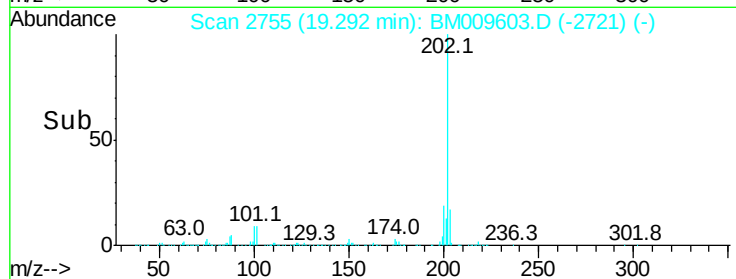
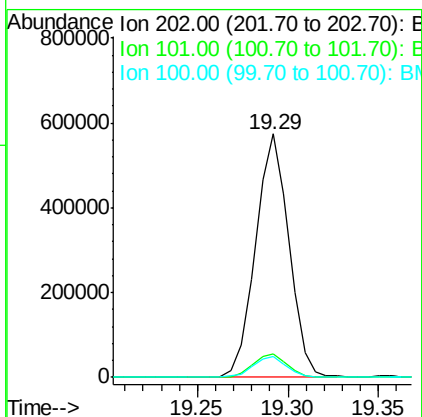
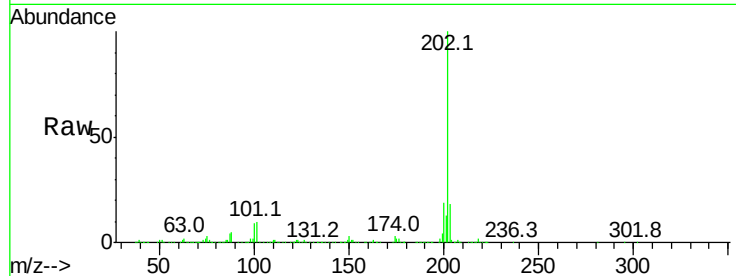
#17
Fluoranthene
 Concen: 13.21 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009603.D
 Acq: 06 Apr 2017 20:47

Instrument :
 BNA_M
 ClientSampleId :
 CB374

Tot Ion	Ratio	Resp	Lower	Upper
202	100	733274		
101	9.6		9.8	14.8#
100	8.6		7.5	11.3

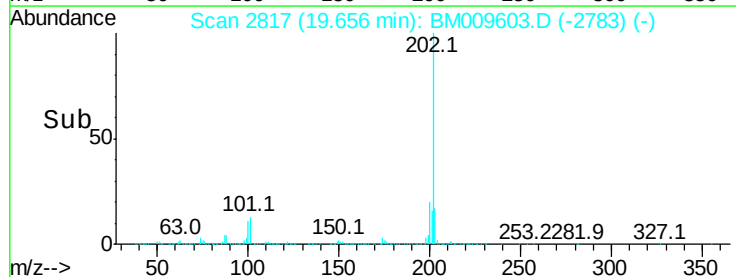
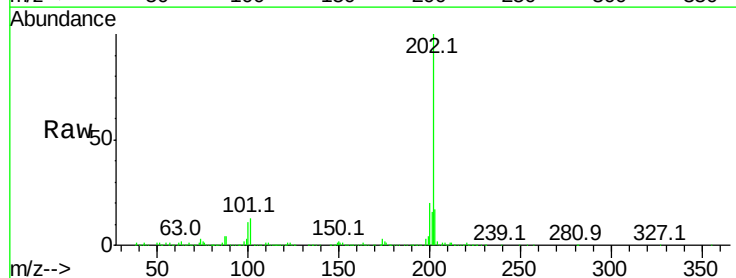
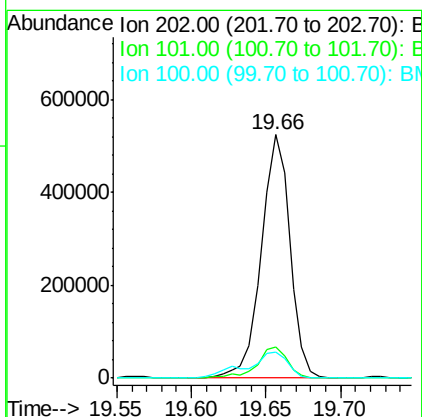
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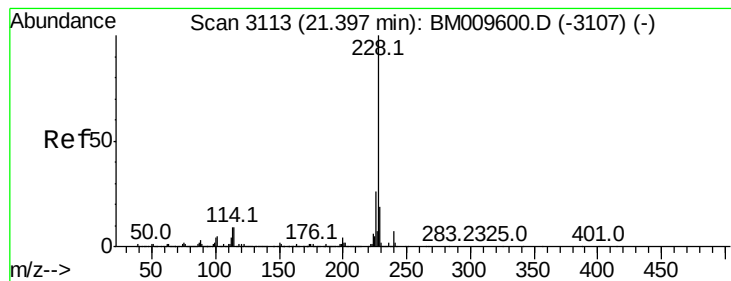
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#20
Pyrene
 Concen: 12.16 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009603.D
 Acq: 06 Apr 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	692631		
101	13.0		11.2	16.8
100	10.9		9.8	14.6





#21

Benzo(a)anthracene

Concen: 7.28 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

BNA_M

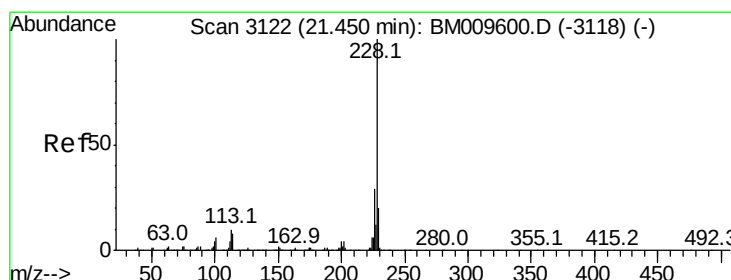
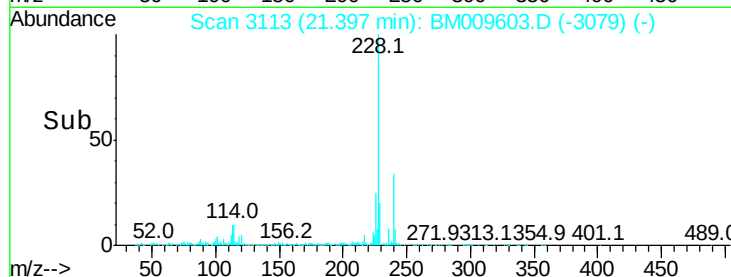
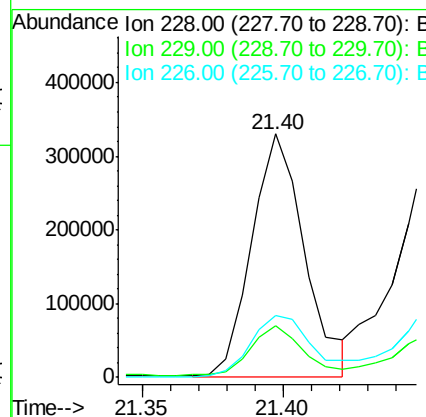
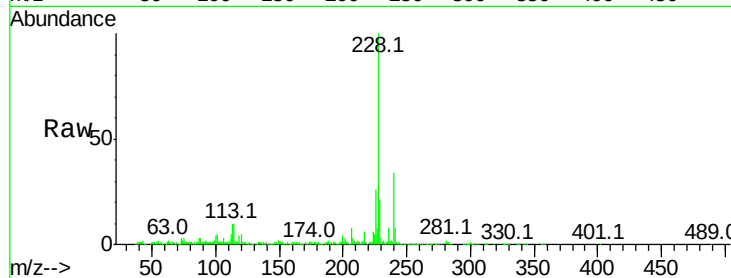
ClientSampleId :

CB374

Tot Ion:	228	Resp:	430719
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	25.5	22.1	33.1

Manual Integrations
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#22

Chrysene

Concen: 7.70 ng/ul

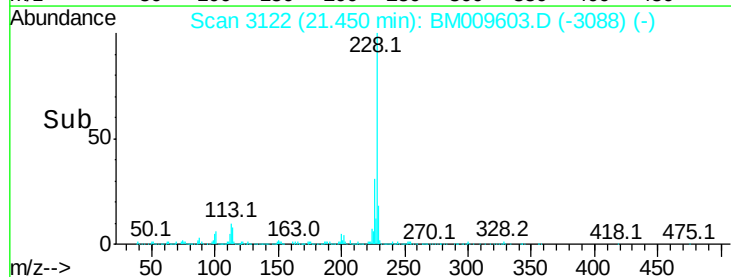
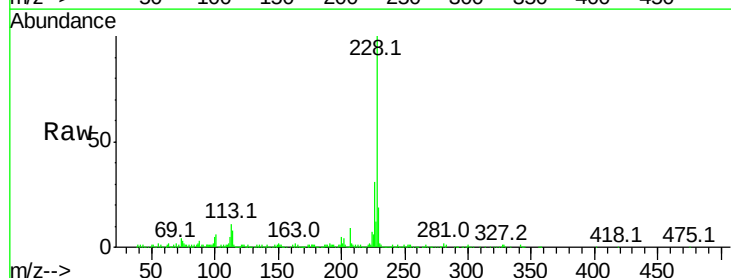
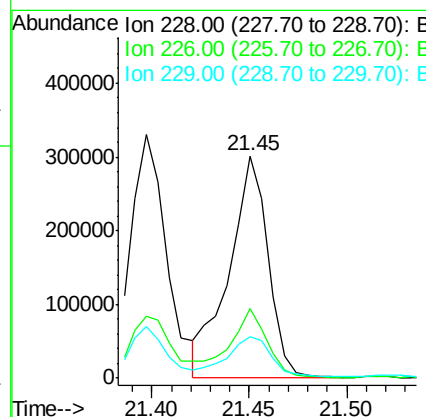
RT: 21.45 min Scan# 3122

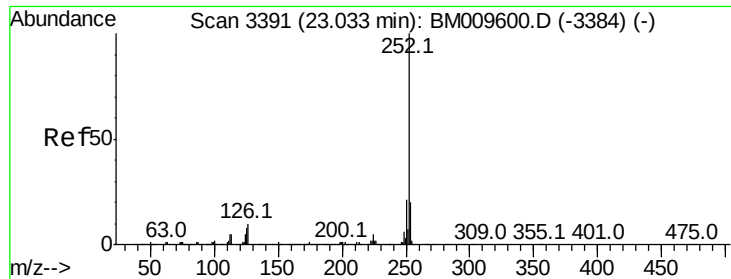
Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Tgt Ion:	228	Resp:	417625
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	18.6	16.6	25.0





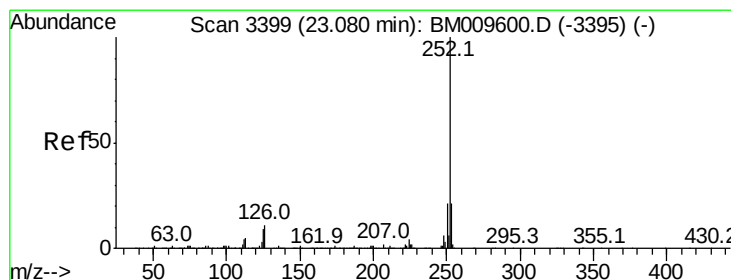
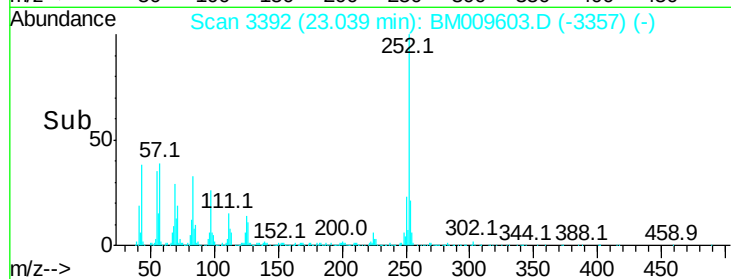
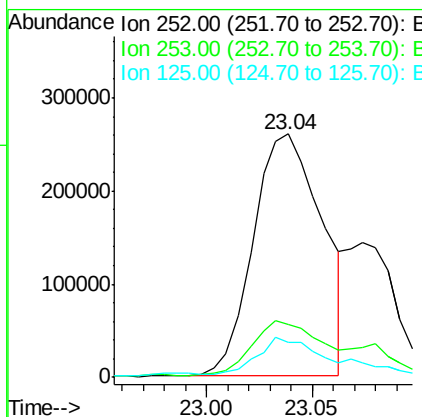
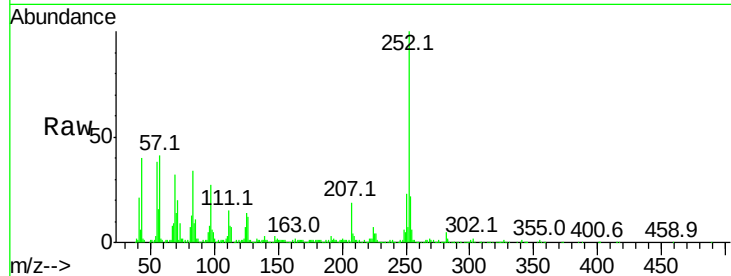
#24
Benzo(b)fluoranthene
Concen: 9.28 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009603.D
Acq: 06 Apr 2017 20:47

Instrument :
BNA_M
ClientSampleId :
CB374

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	14.4	9.4	14.0

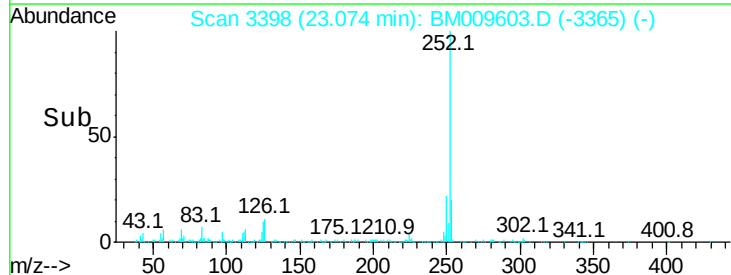
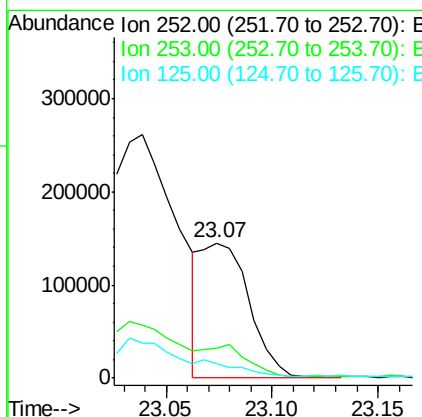
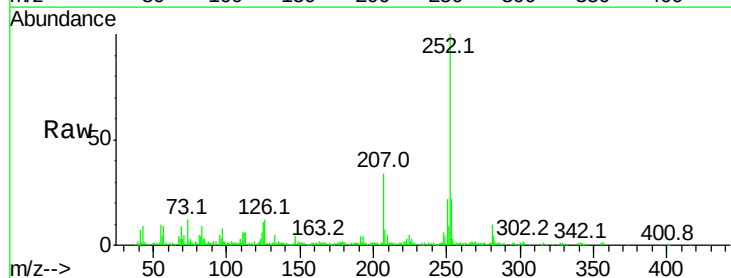
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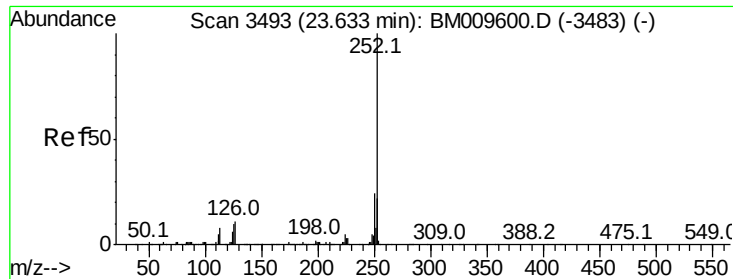
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#25
Benzo(k)fluoranthene
Concen: 3.81 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM009603.D
Acq: 06 Apr 2017 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.8	8.8	13.2





#27

Benzo(a)pyrene

Concen: 6.94 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

BNA_M

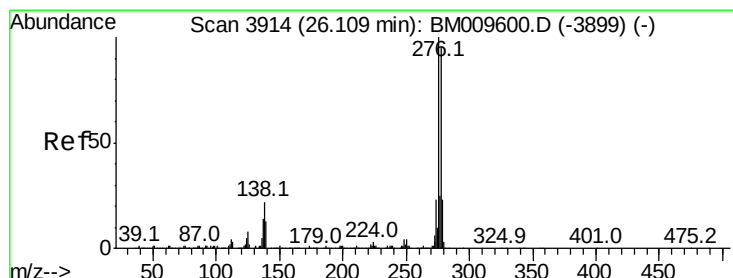
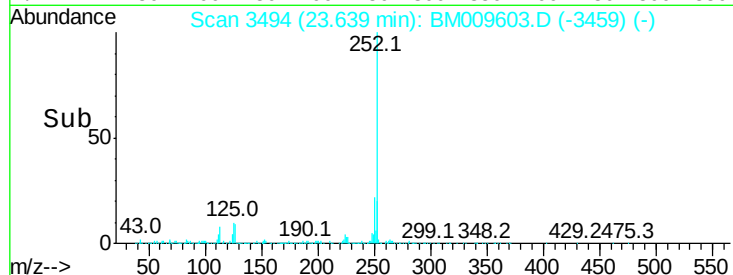
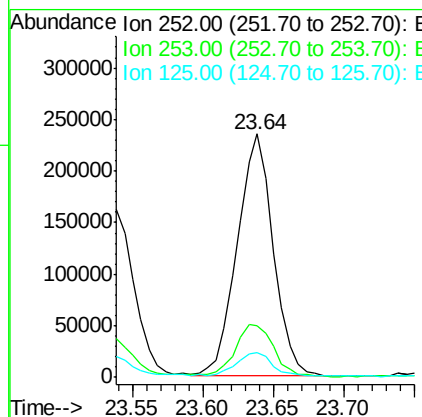
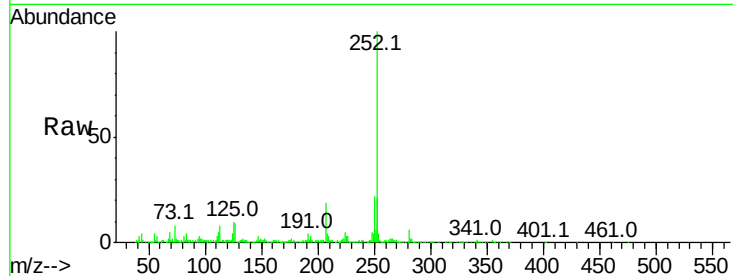
ClientSampleId :

CB374

Tot Ion:	252	Resp:	419936
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	10.4	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 4.32 ng/ul

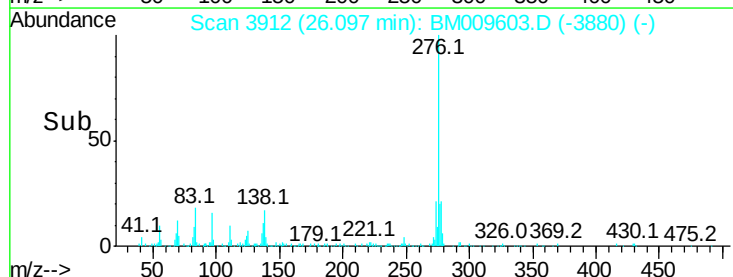
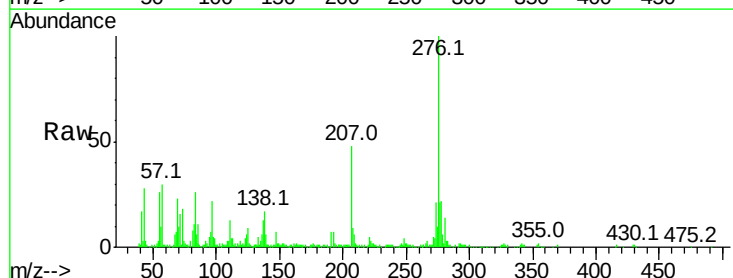
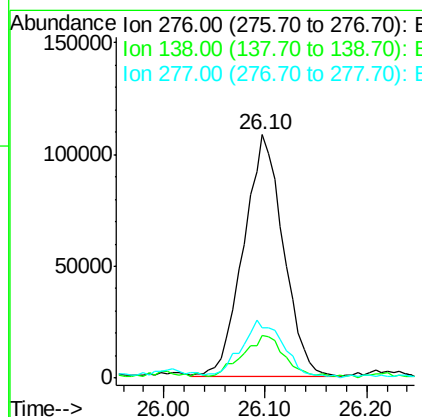
RT: 26.10 min Scan# 3912

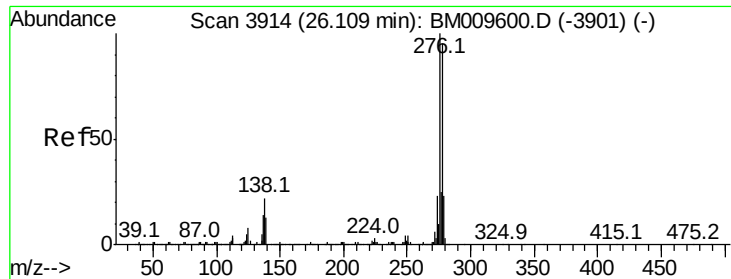
Delta R.T. -0.01 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Tgt Ion:	276	Resp:	292867
Ion Ratio	Lower	Upper	
276	100		
138	17.5	17.8	26.6#
277	20.7	19.4	29.0





#29

Dibenzo(a,h)anthracene

Concen: 1.47 ng/ul

RT: 26.11 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

BNA_M

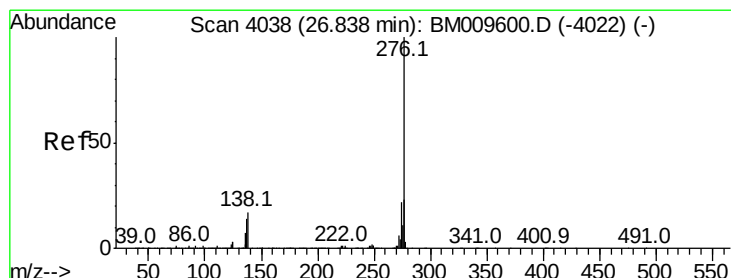
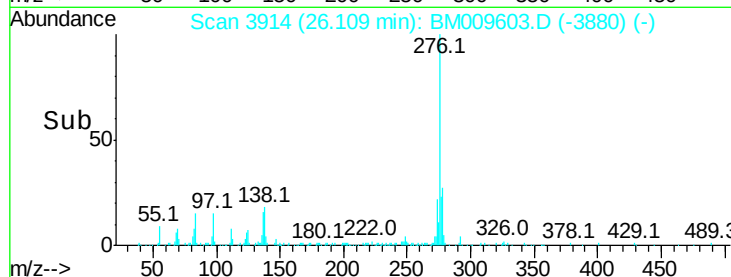
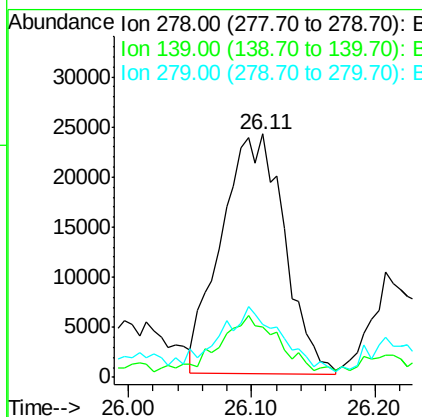
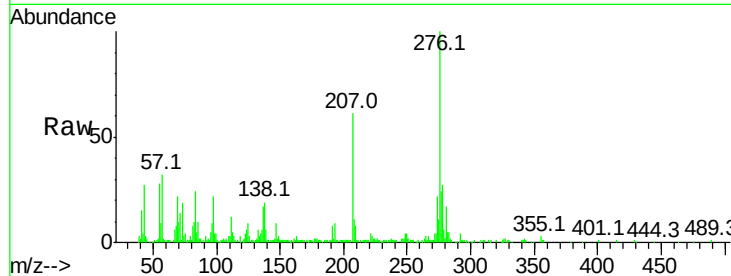
ClientSampleId :

CB374

Tot Ion:	278	Resp:	84798
Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.0	21.0
279	21.8	20.6	31.0

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#30

Benzo(g,h,i)perylene

Concen: 5.11 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Tgt Ion:	276	Resp:	285829
Ion	Ratio	Lower	Upper
276	100		
138	18.4	19.0	28.4#
277	21.2	19.7	29.5

