

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006036.D
 Acq On : 26 Jun 2016 12:36
 Operator : UM/SJ
 Sample : H3669-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y67

Manual Integrations
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Quant Time: Jun 27 05:28:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 05:15:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	203582	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1022492	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	671443	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1683971	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1959242	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1972373	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	3530	0.77	ng/uL	0.00
3) Phenol-d5	6.83	99	216345	10.10	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	132905	11.15	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	160004	10.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	158137	8.75	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	84590	10.87	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	90392	10.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	189898	11.43	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	156706	8.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	657022	11.43	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	824138	12.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	102632	8.37	ng/ul	0.00
21) Fluorene-d10	15.30	176	618430	12.60	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	73041	7.81	ng/ul	0.00
26) Anthracene-d10	17.15	188	1002888	12.97	ng/ul	0.00
30) Pyrene-d10	19.44	212	1202073	14.01	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1160774	13.04	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.09	178	682474	7.53	ng/ul	99
27) Anthracene	17.18	178	110404	1.18	ng/ul	100
28) Fluoranthene	19.11	202	1195984	10.31	ng/ul	98
31) Pyrene	19.47	202	954327	8.51	ng/ul	98
32) Benzo(a)anthracene	21.23	228	533955	4.59	ng/ul	98
33) Chrysene	21.28	228	587419	5.52	ng/ul	96
35) Benzo(b)fluoranthene	22.80	252	807704	7.05	ng/ul#	96
36) Benzo(k)fluoranthene	22.84	252	270868m	2.54	ng/ul	
38) Benzo(a)pyrene	23.36	252	509074	4.63	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.68	276	370199	2.83	ng/ul	98
41) Benzo(g,h,i)perylene	26.37	276	338567	2.99	ng/ul	99

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

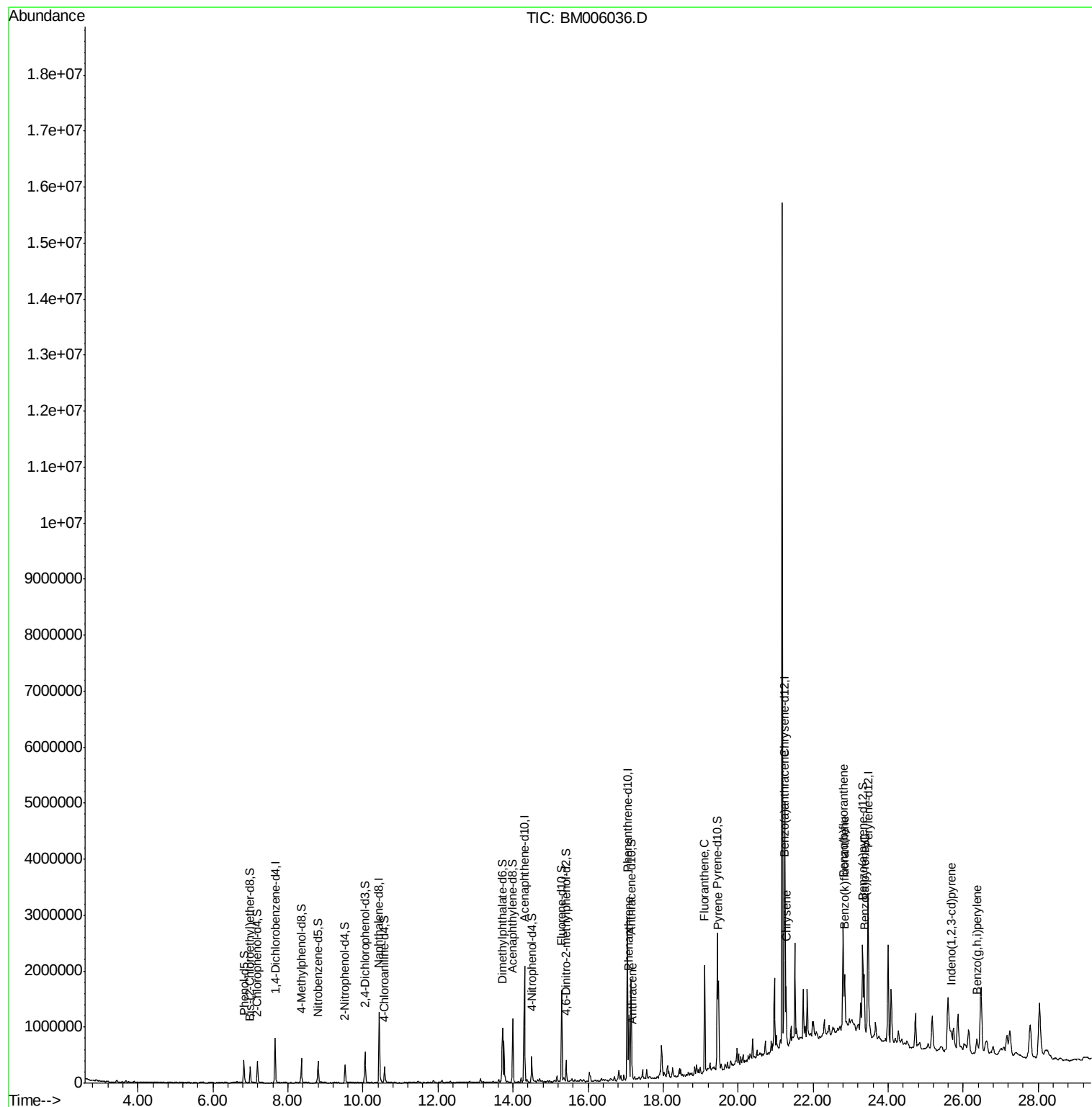
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006036.D
Acq On : 26 Jun 2016 12:36
Operator : UM/SJ
Sample : H3669-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

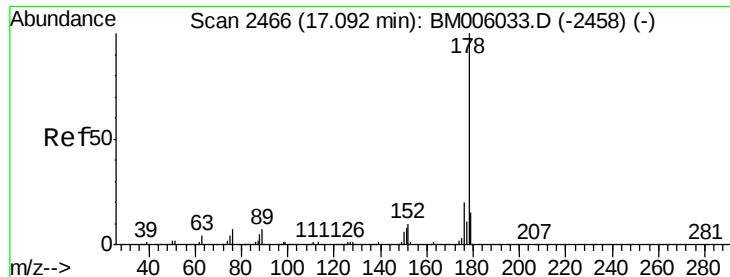
Instrument :
BNA_M
ClientSampleId :
D9Y67

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Quant Time: Jun 27 05:28:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 7.53 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

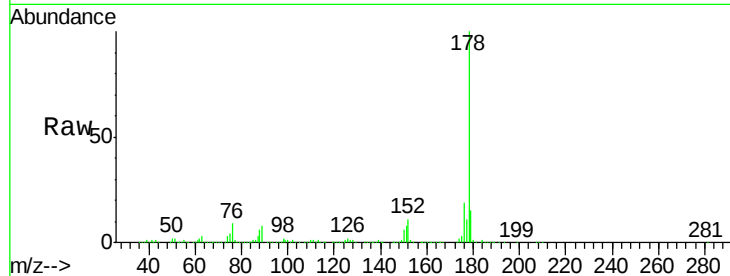
ClientSampleId :

D9Y67

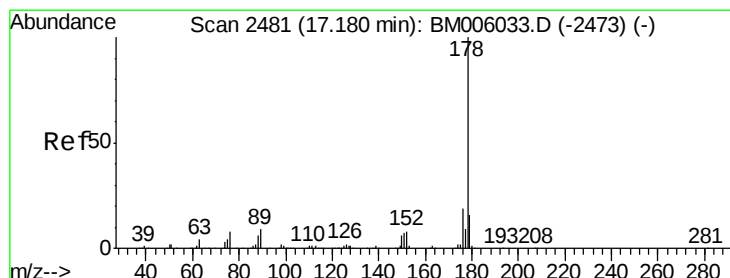
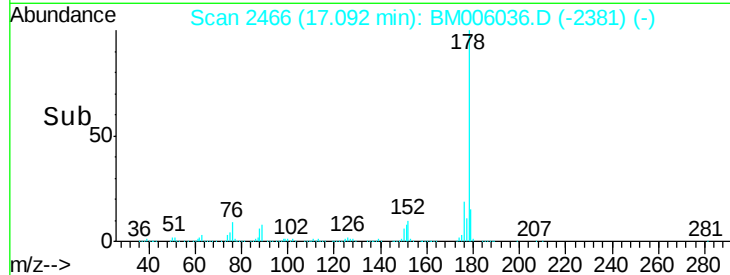
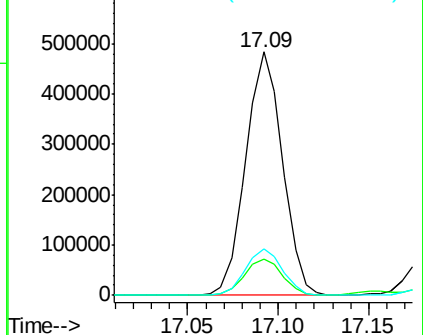
Tgt Ion:	178	Resp:	682474
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.1	18.1
176	18.9	15.4	23.0

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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



#27

Anthracene

Concen: 1.18 ng/ul

RT: 17.18 min Scan# 2481

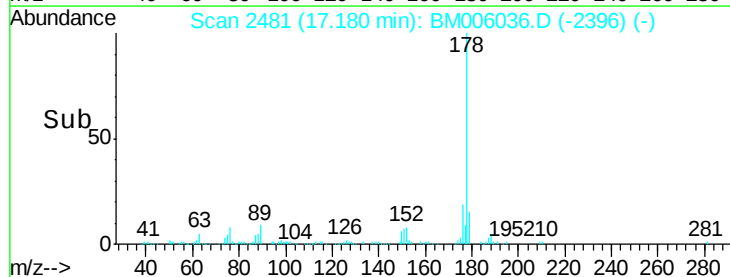
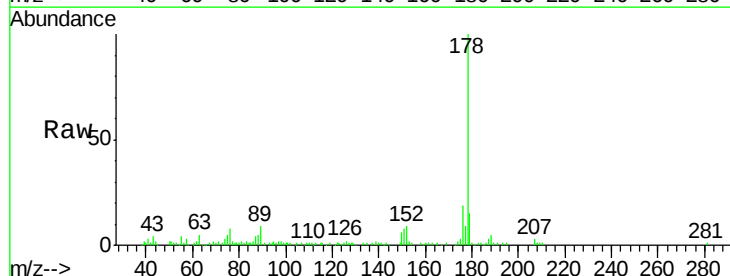
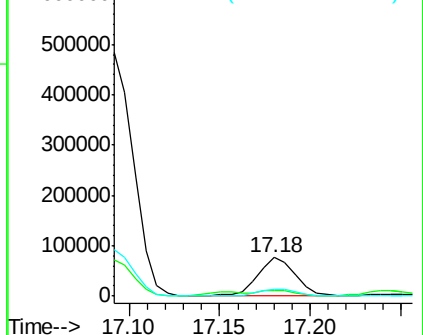
Delta R.T. -0.00 min

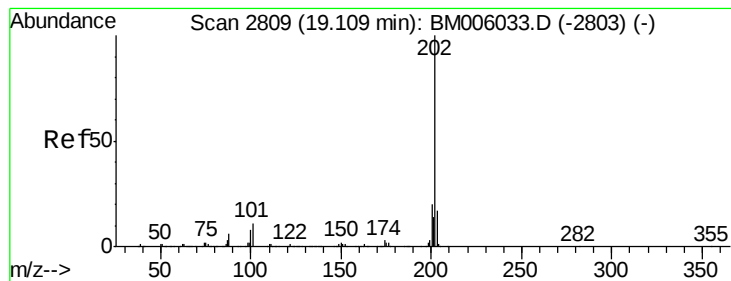
Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Tgt Ion:	178	Resp:	110404
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	18.7	14.9	22.3

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





#28

Fluoranthene

Concen: 10.31 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

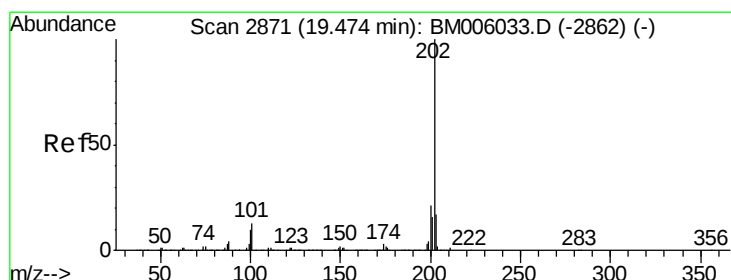
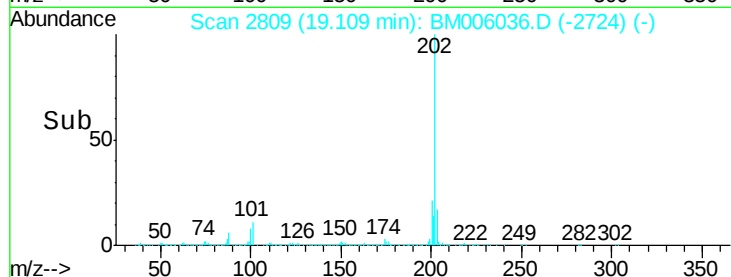
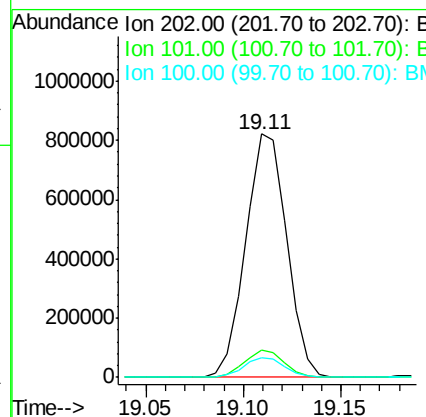
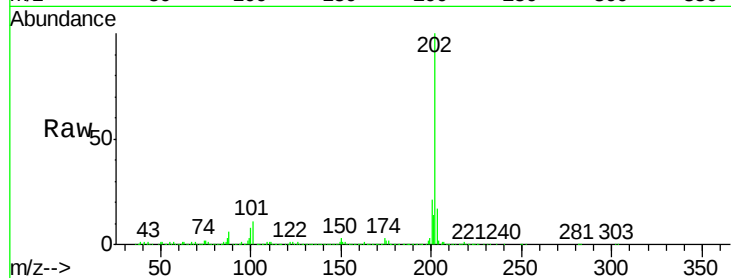
ClientSampleId :

D9Y67

Tgt Ion:	202	Resp:	1195984
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.2	12.4
100	8.2	6.3	9.5

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#31

Pyrene

Concen: 8.51 ng/ul

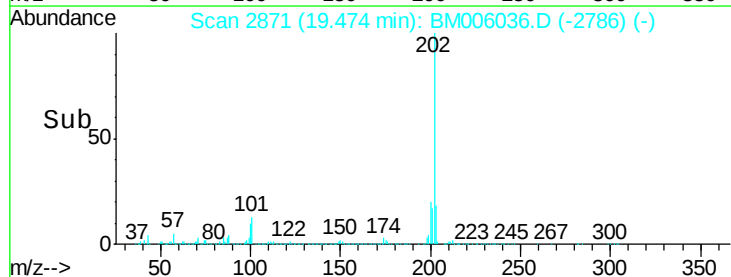
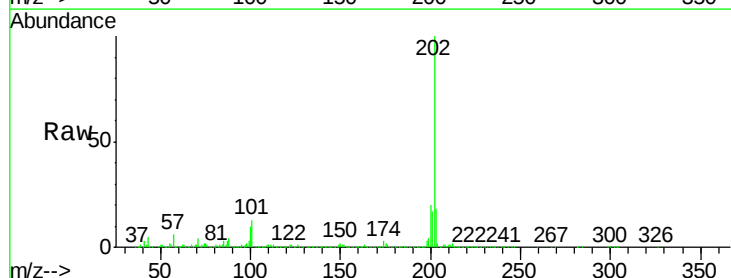
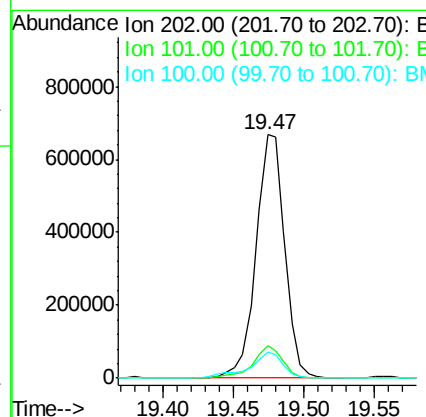
RT: 19.47 min Scan# 2871

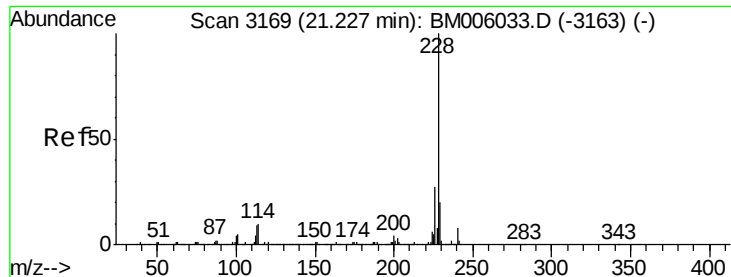
Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Tgt Ion:	202	Resp:	954327
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.6
100	10.4	8.2	12.2





#32

Benzo(a)anthracene

Concen: 4.59 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

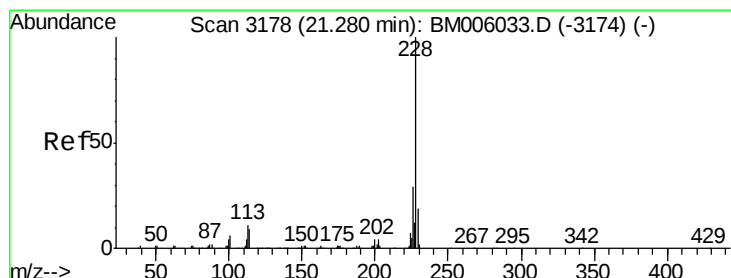
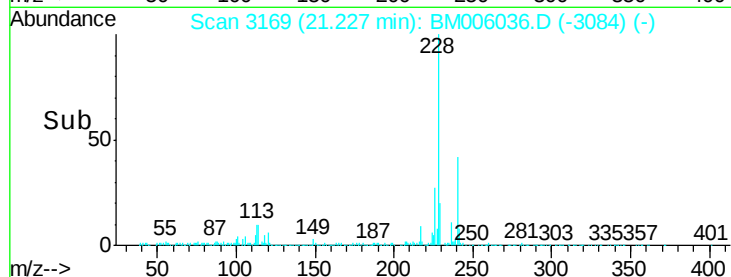
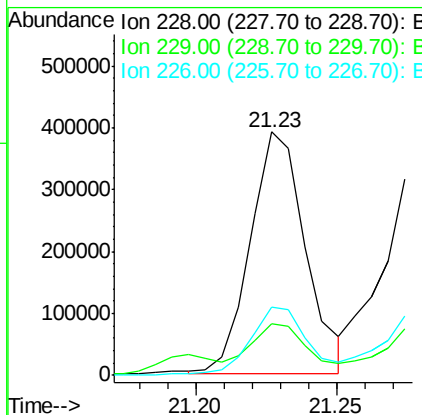
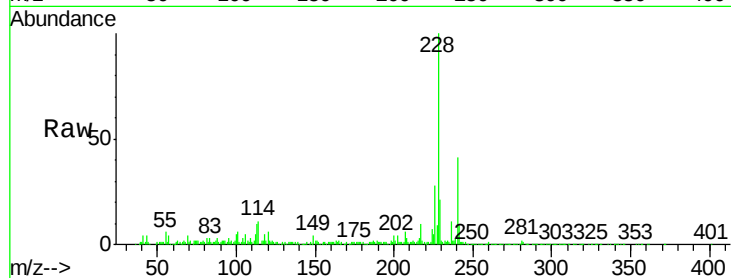
ClientSampleId :

D9Y67

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		533955		
229	21.3	15.8	23.6		
226	27.8	21.5	32.3		

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#33

Chrysene

Concen: 5.52 ng/ul

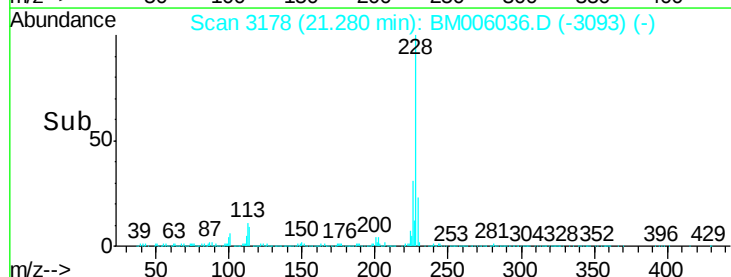
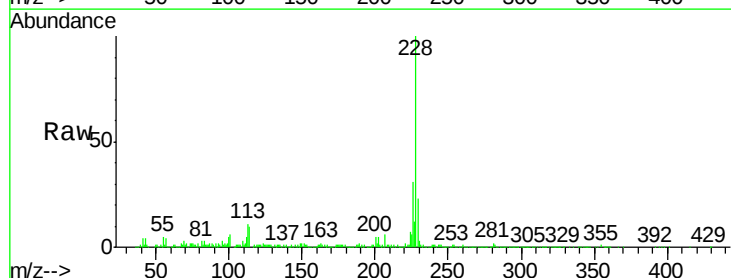
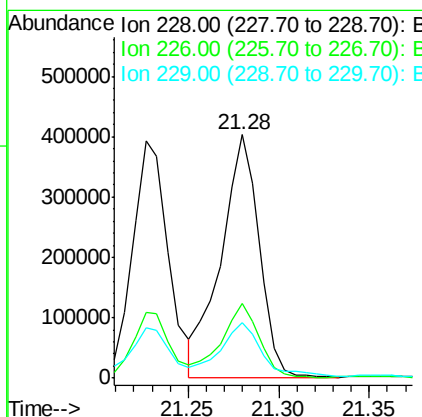
RT: 21.28 min Scan# 3178

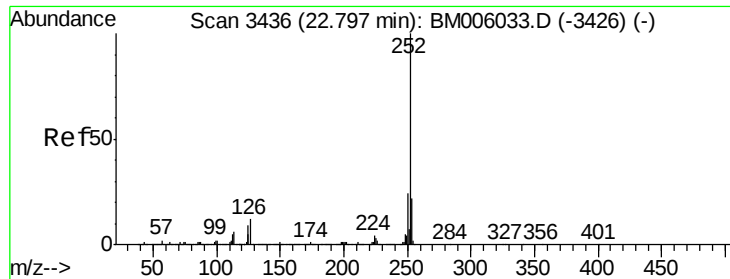
Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		587419		
226	30.9	24.3	36.5		
229	22.9	15.4	23.2		





#35

Benzo(b)fluoranthene

Concen: 7.05 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

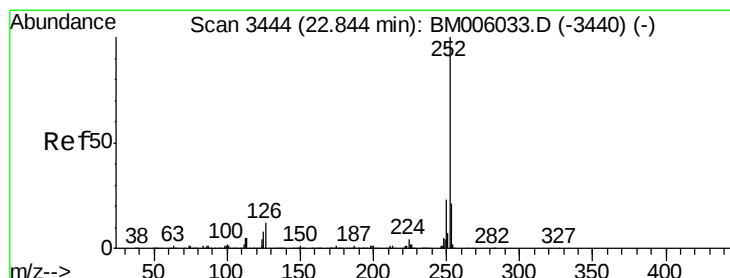
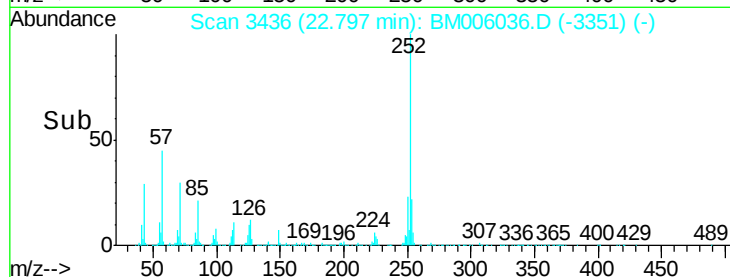
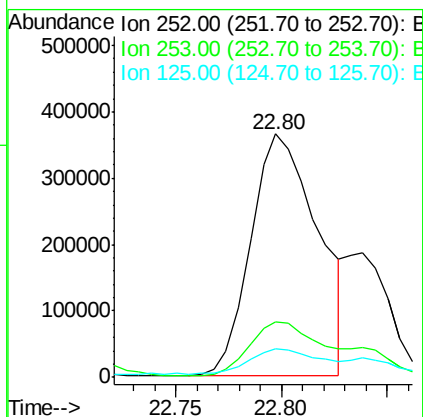
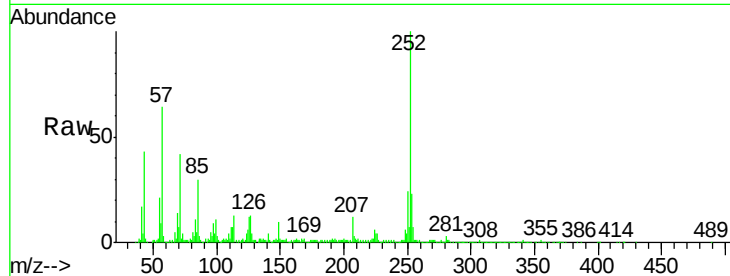
ClientSampled :

D9Y67

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.5	6.8	10.2

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#36

Benzo(k)fluoranthene

Concen: 2.54 ng/ul m

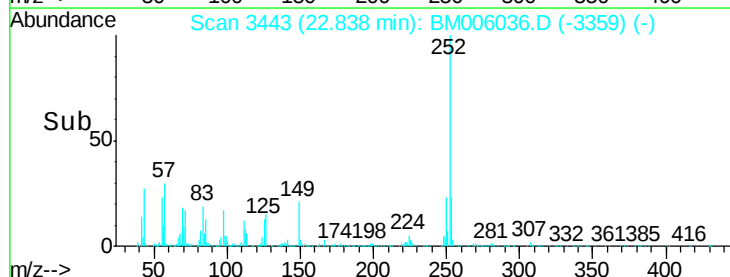
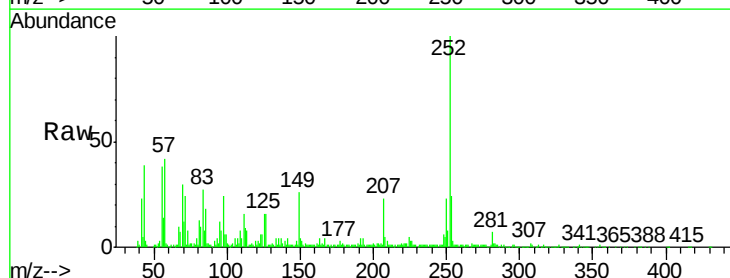
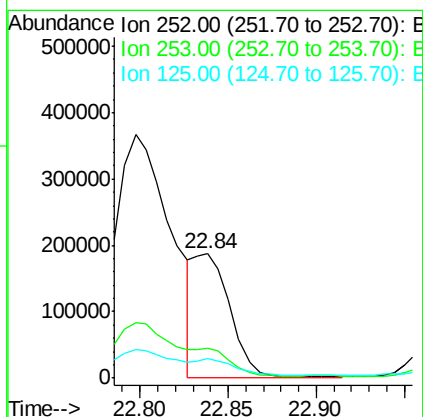
RT: 22.84 min Scan# 3443

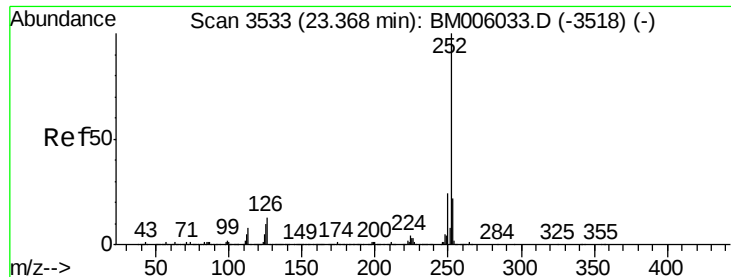
Delta R.T. -0.01 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	15.8	7.0	10.4





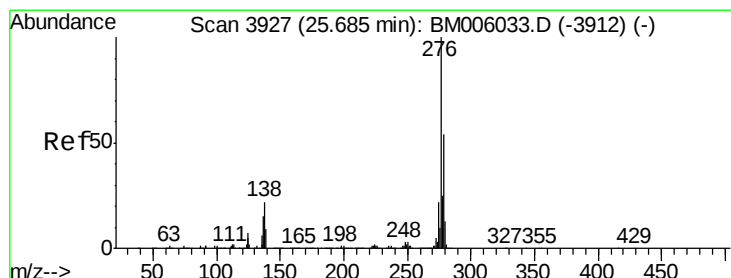
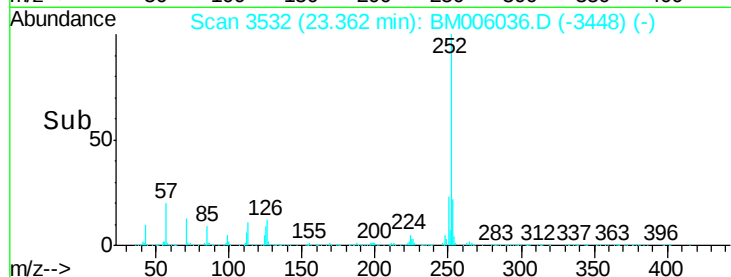
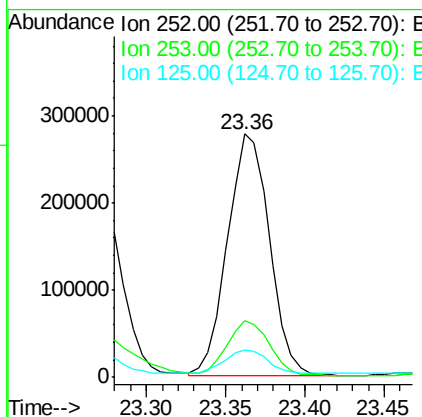
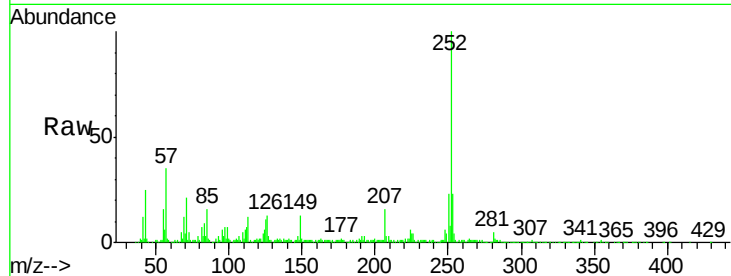
#38
Benzo(a)pyrene
Concen: 4.63 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006036.D
Acq: 26 Jun 2016 12:36

Instrument :
BNA_M
ClientSampleId :
D9Y67

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	509074		
253	23.1	17.6	26.4	
125	11.1	7.8	11.6	

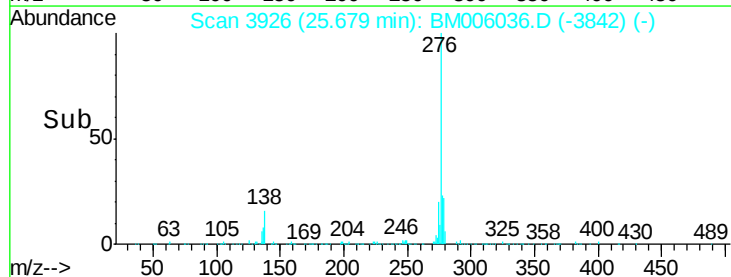
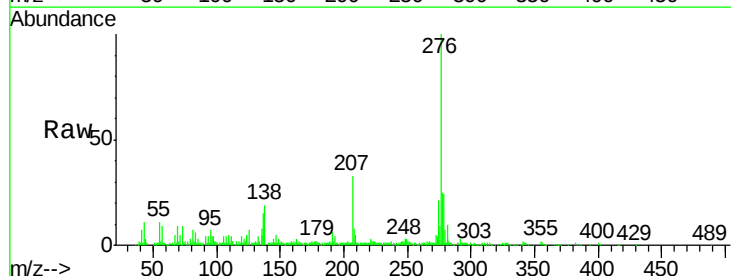
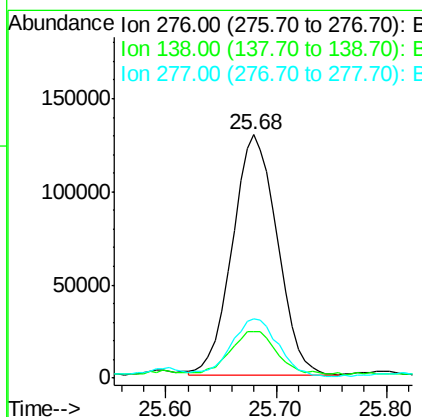
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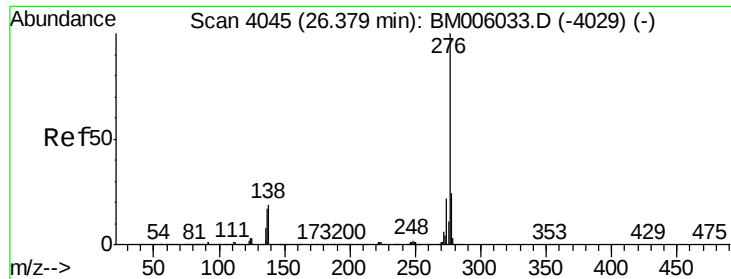
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#39
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006036.D
Acq: 26 Jun 2016 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	370199		
138	19.1	16.6	25.0	
277	24.6	19.6	29.4	





#41
 Benzo(g,h,i)perylene
 Concen: 2.99 ng/ul
 RT: 26.37 min Scan# 4043
 Delta R.T. -0.01 min
 Lab File: BM006036.D
 Acq: 26 Jun 2016 12:36

Instrument :
 BNA_M
 ClientSampleId :
 D9Y67

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.9	23.9
277	23.9	19.2	28.8

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