

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006042.D
 Acq On : 26 Jun 2016 16:12
 Operator : UM/SJ
 Sample : H3669-22MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 D9Y73MSD

Manual Integrations
 APPROVED

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Quant Time: Jun 27 05:42:11 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	135527	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	717501	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	497354	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1349120	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1909995	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2114907	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	4359	1.44	ng/uL	0.00
3) Phenol-d5	6.83	99	178047	12.49	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	106410	13.42	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	132857	13.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	118805	9.87	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	73404	13.44	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	78896	12.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	158464	13.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	157249	12.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	568301	13.35	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	721332	14.61	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	96043	10.57	ng/ul	0.00
21) Fluorene-d10	15.30	176	543938	14.96	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	58877	7.86	ng/ul	0.00
26) Anthracene-d10	17.15	188	926744	14.95	ng/ul	0.00
30) Pyrene-d10	19.45	212	1209357	14.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1423291	14.91	ng/ul	0.00

Target Compounds

						Qvalue
19) Acenaphthene	14.37	153	477920	14.45	ng/ul	99
25) Phenanthrene	17.09	178	100007	1.38	ng/ul	99
28) Fluoranthene	19.12	202	233553	2.51	ng/ul	99
31) Pyrene	19.48	202	1692760	15.48	ng/ul	99
32) Benzo(a)anthracene	21.23	228	150318	1.32	ng/ul	94
33) Chrysene	21.28	228	187928m	1.81	ng/ul	
35) Benzo(b)fluoranthene	22.80	252	301766	2.46	ng/ul#	93
38) Benzo(a)pyrene	23.37	252	189541	1.61	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	148087	1.05	ng/ul	99
41) Benzo(g,h,i)perylene	26.35	276	145907	1.20	ng/ul	98

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

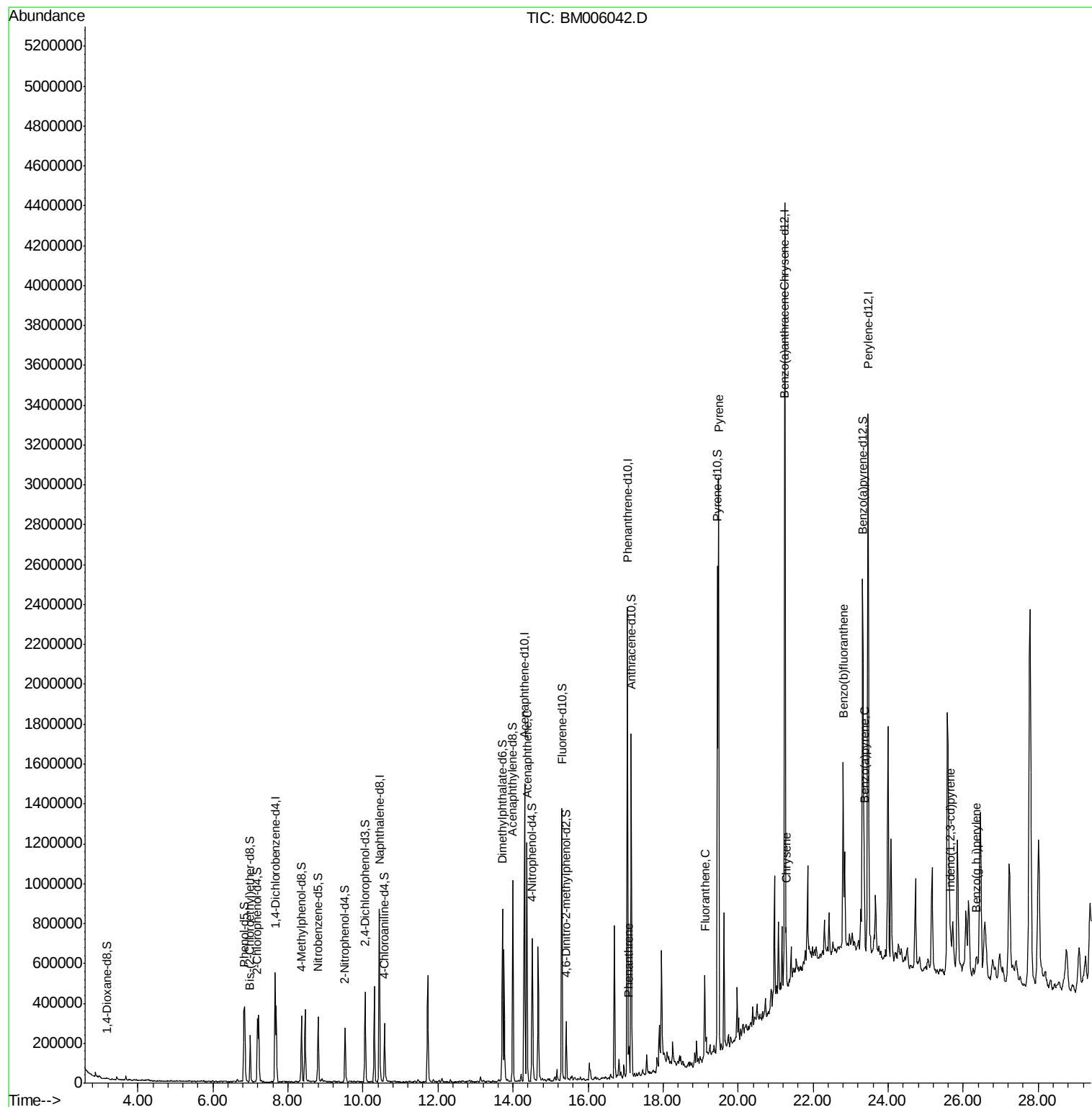
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006042.D
Acq On : 26 Jun 2016 16:12
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Sample : H3669-22MSD
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ALS Vial : 11 Sample Multiplier: 1

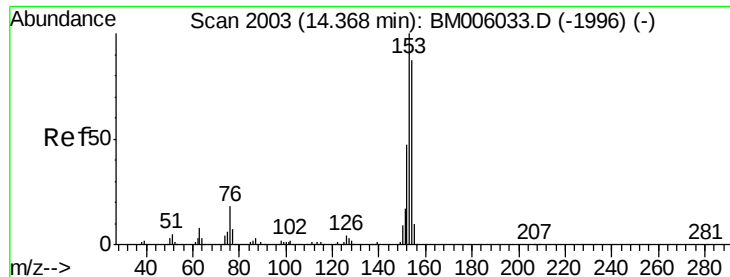
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 27 05:42:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration





#19

Acenaphthene

Concen: 14.45 ng/ul

RT: 14.37 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BM006042.D

Acq: 26 Jun 2016 16:12

Instrument :

BNA_M

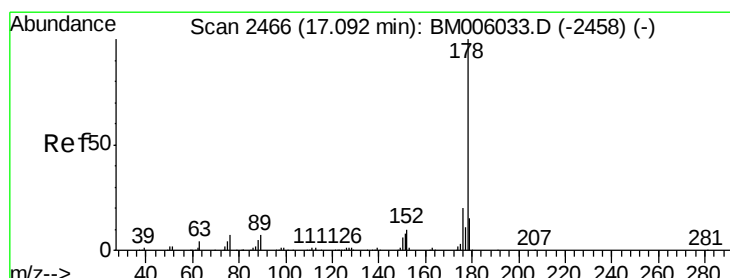
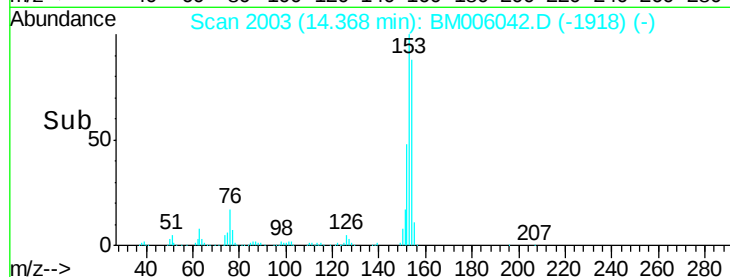
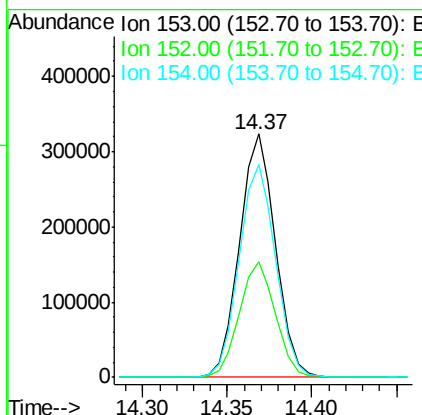
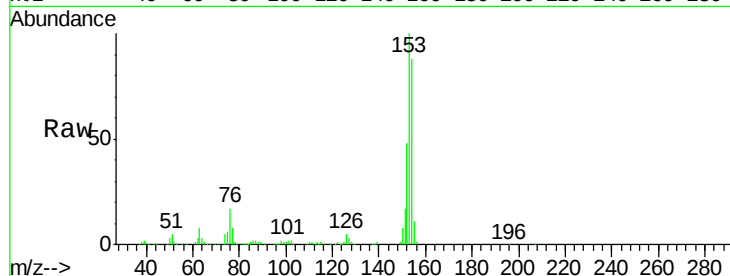
ClientSampleId :

D9Y73MSD

Tgt Ion:	153	Resp:	477920
Ion Ratio		Lower	Upper
153	100		
152	47.6	38.6	57.8
154	87.5	70.7	106.1

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#25

Phenanthrene

Concen: 1.38 ng/ul

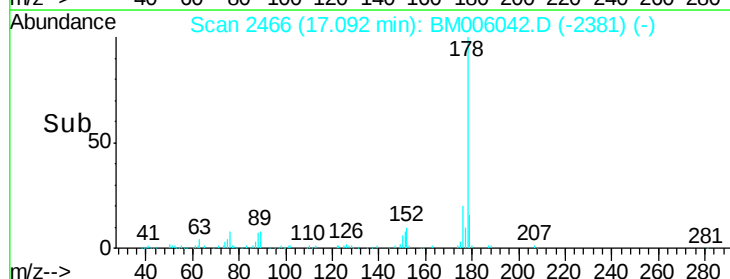
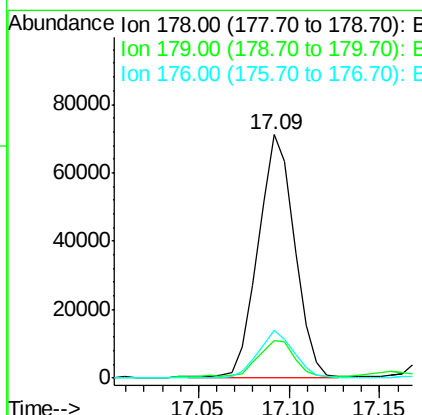
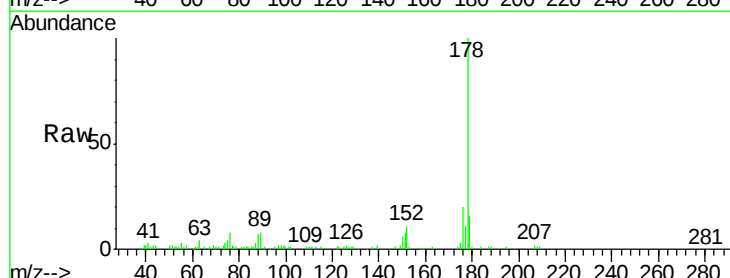
RT: 17.09 min Scan# 2466

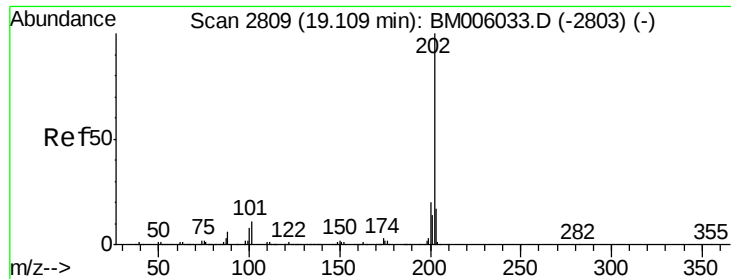
Delta R.T. -0.00 min

Lab File: BM006042.D

Acq: 26 Jun 2016 16:12

Tgt Ion:	178	Resp:	100007
Ion Ratio		Lower	Upper
178	100		
179	15.7	12.1	18.1
176	19.5	15.4	23.0





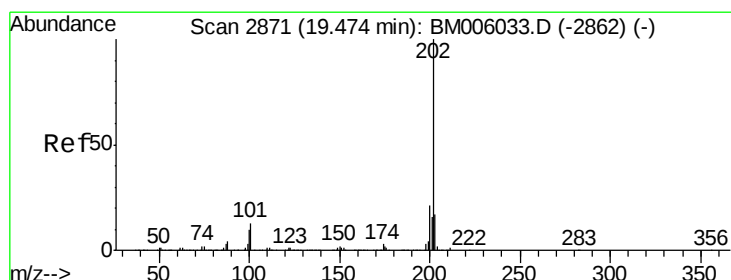
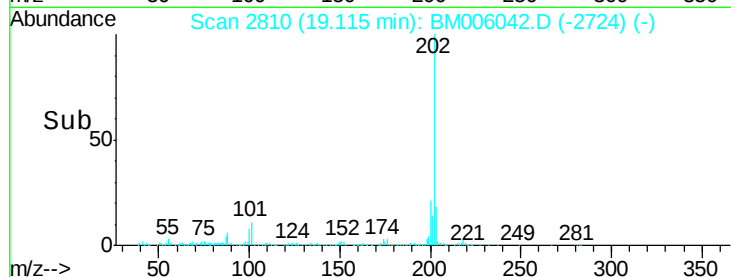
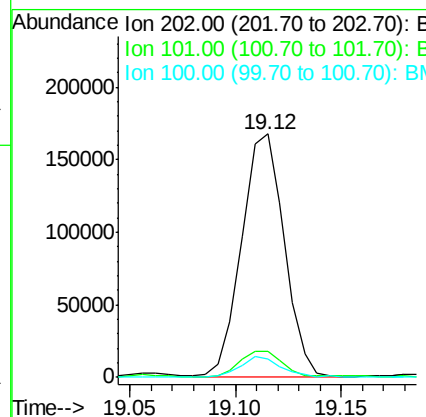
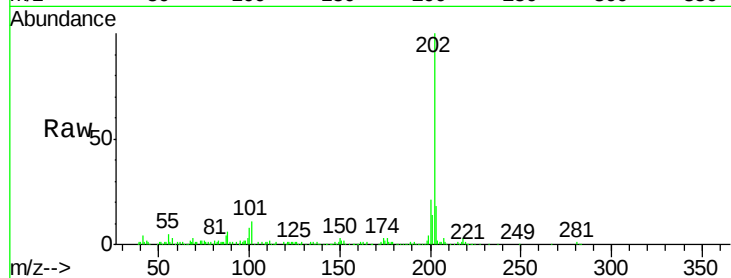
#28
 Fluoranthene
 Concen: 2.51 ng/ul
 RT: 19.12 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM006042.D
 Acq: 26 Jun 2016 16:12

Instrument :
 BNA_M
 ClientSampleId :
 D9Y73MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		233553		
101	10.7	8.2	12.4		
100	7.6	6.3	9.5		

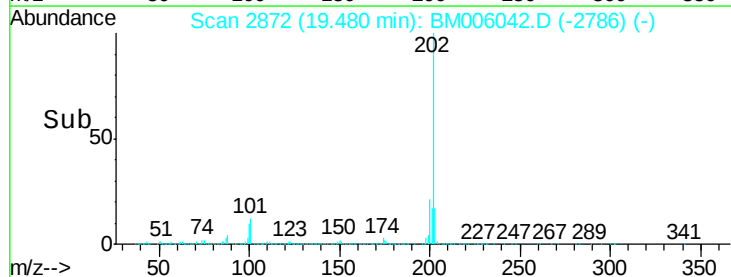
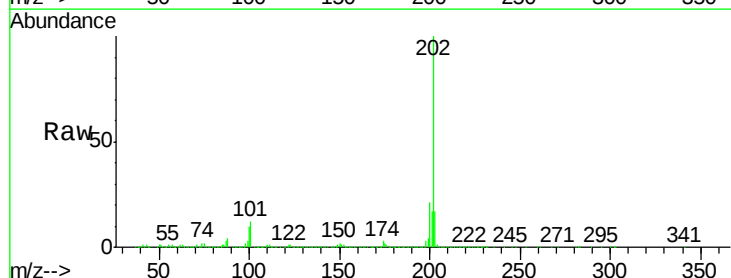
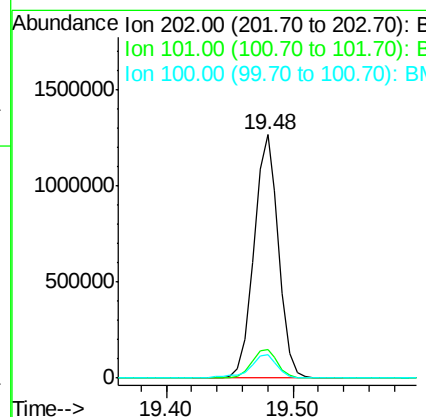
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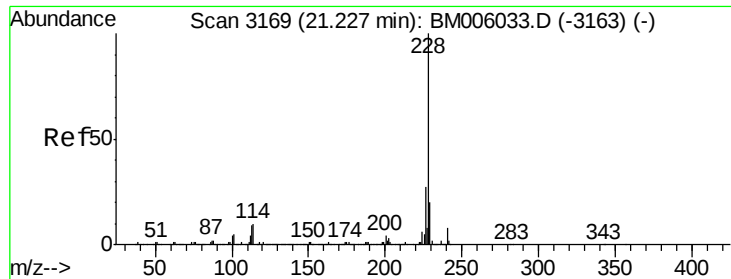
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#31
 Pyrene
 Concen: 15.48 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. 0.01 min
 Lab File: BM006042.D
 Acq: 26 Jun 2016 16:12

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1692760		
101	11.9	9.8	14.6		
100	9.6	8.2	12.2		





#32

Benzo(a)anthracene

Concen: 1.32 ng/ul

RT: 21.23 min Scan# 3170

Delta R.T. 0.01 min

Lab File: BM006042.D

Acq: 26 Jun 2016 16:12

Instrument :

BNA_M

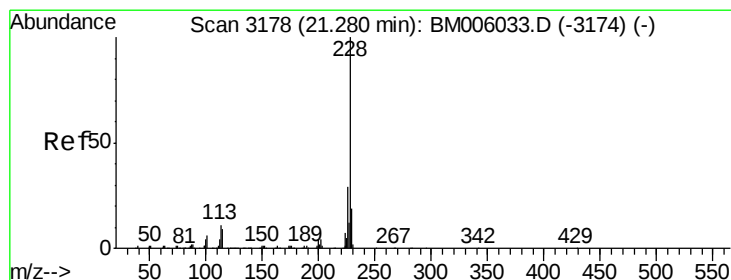
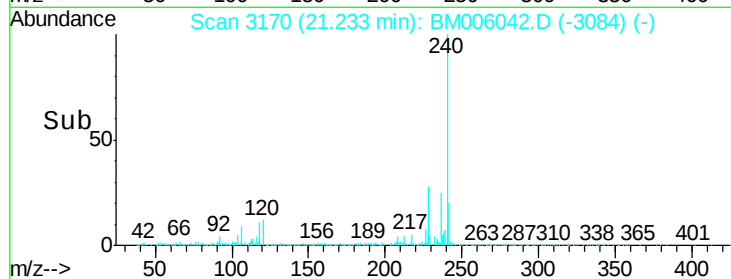
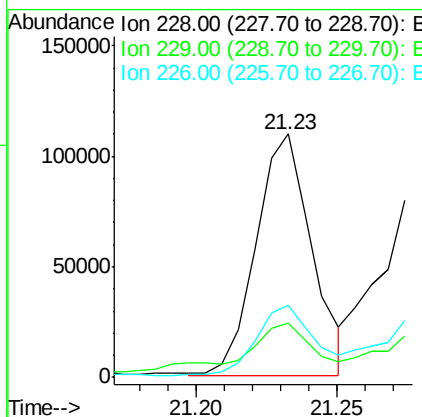
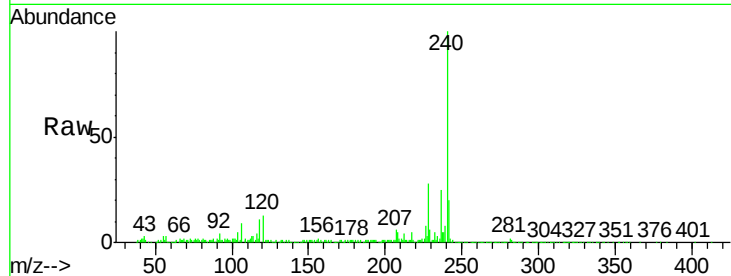
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	150318		
229	22.4	15.8	23.6	
226	29.9	21.5	32.3	

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#33

Chrysene

Concen: 1.81 ng/ul m

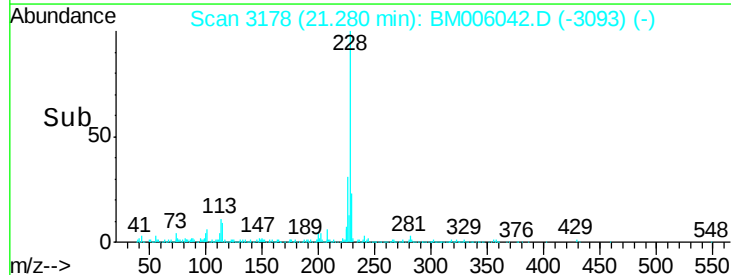
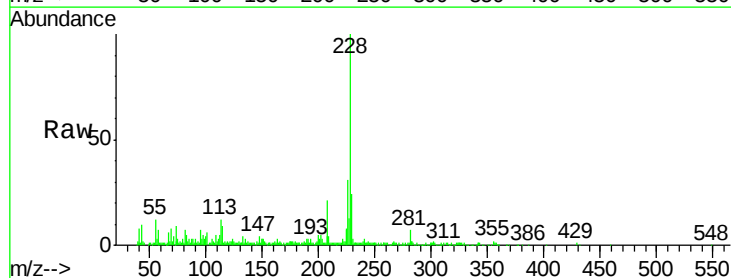
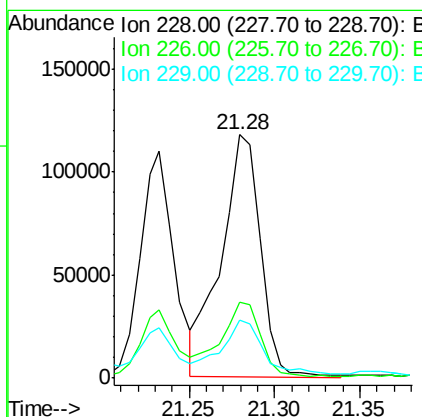
RT: 21.28 min Scan# 3178

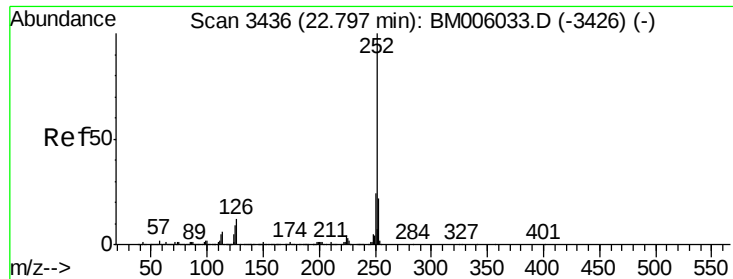
Delta R.T. -0.00 min

Lab File: BM006042.D

Acq: 26 Jun 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	187928		
226	31.0	24.3	36.5	
229	23.6	15.4	23.2#	





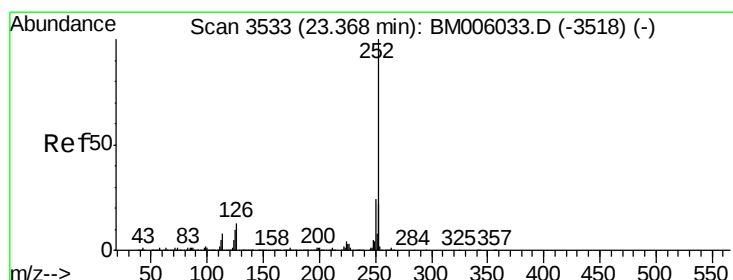
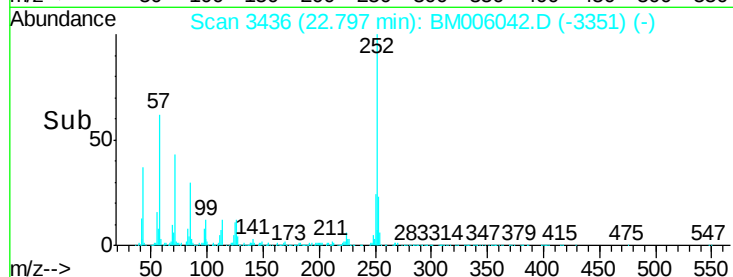
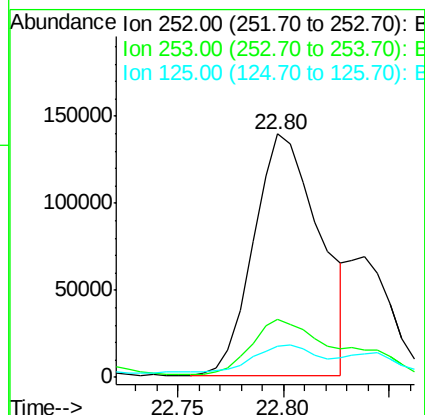
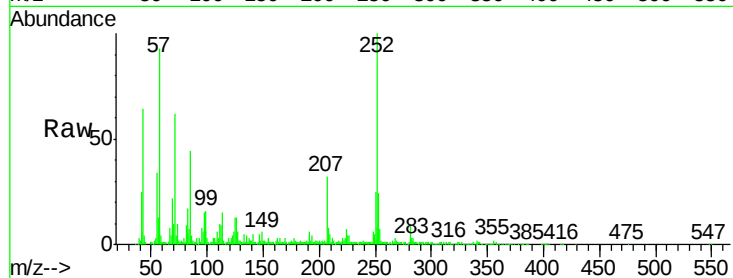
#35
Benzo(b)fluoranthene
Concen: 2.46 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006042.D
Acq: 26 Jun 2016 16:12

Instrument :
BNA_M
ClientSampleId :
D9Y73MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	301766		
253	23.7	17.2	25.8	
125	13.0	6.8	10.2	

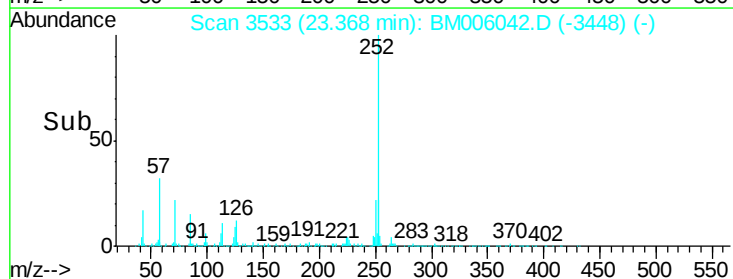
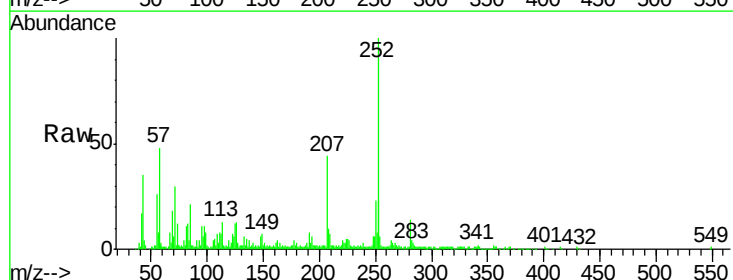
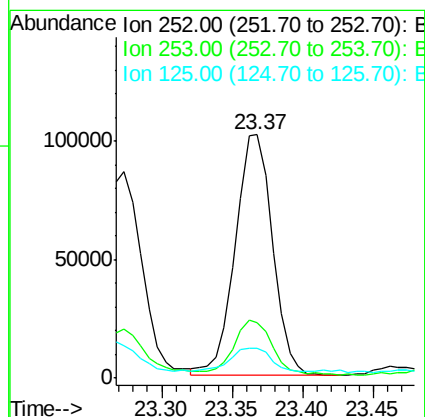
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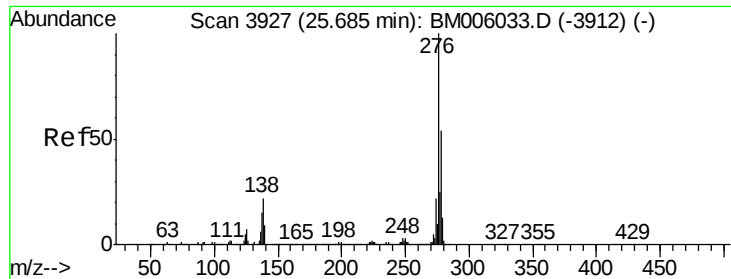
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#38
Benzo(a)pyrene
Concen: 1.61 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM006042.D
Acq: 26 Jun 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	189541		
253	22.8	17.6	26.4	
125	12.1	7.8	11.6	





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.05 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BM006042.D

Acq: 26 Jun 2016 16:12

Instrument :

BNA_M

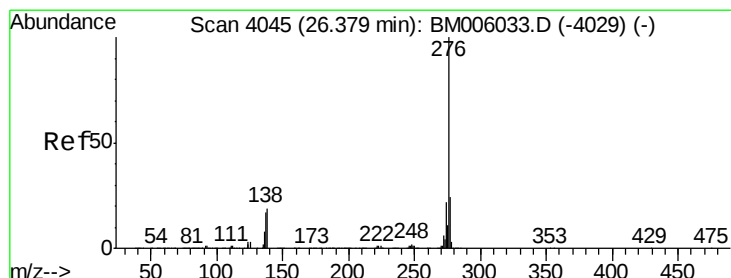
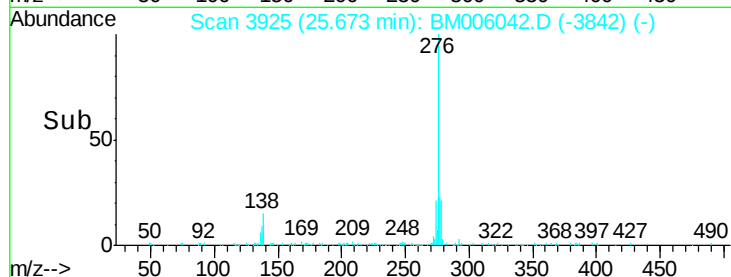
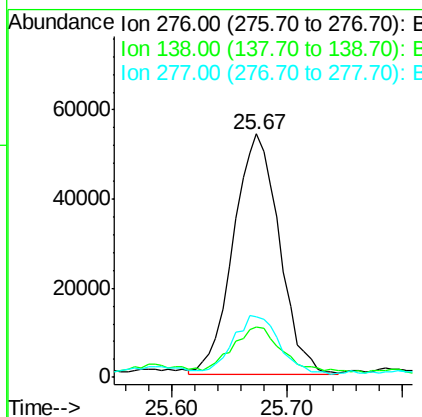
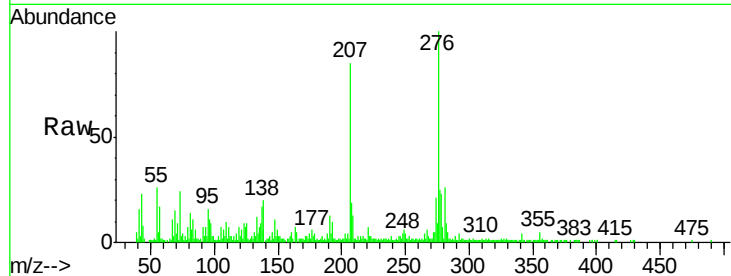
ClientSampleId :

D9Y73MSD

Tgt Ion:	276	Resp:	148087
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.6	25.0
277	24.7	19.6	29.4

Manual Integrations
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#41

Benzo(g,h,i)perylene

Concen: 1.20 ng/ul

RT: 26.35 min Scan# 4040

Delta R.T. -0.03 min

Lab File: BM006042.D

Acq: 26 Jun 2016 16:12

Tgt Ion:	276	Resp:	145907
Ion Ratio	Lower	Upper	
276	100		
138	20.9	15.9	23.9
277	23.4	19.2	28.8

