

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
 Data File : BM006001.D
 Acq On : 25 Jun 2016 15:02
 Operator : UM/SJ
 Sample : H3669-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y59

Manual Integrations
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Quant Time: Jun 26 04:47:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 26 04:39:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	167839	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1011153	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	776983	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1982707	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2362720	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2589964	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	6932	1.84	ng/uL	0.00
3) Phenol-d5	6.83	99	282573	16.00	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	193273	19.68	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	218056	17.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	185433	12.44	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	128469	16.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	147795	17.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	263847	16.06	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	292476	16.41	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1063150	15.98	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1272059	16.49	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	143516	10.11	ng/ul	0.00
21) Fluorene-d10	15.30	176	954158	16.80	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	120305	10.93	ng/ul	0.00
26) Anthracene-d10	17.15	188	1535790	16.86	ng/ul	0.00
30) Pyrene-d10	19.45	212	1874630	18.11	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1954797	16.72	ng/ul	0.00

Target Compounds

						Qvalue
28) Fluoranthene	19.11	202	384434	2.81	ng/ul	98
31) Pyrene	19.48	202	374304	2.77	ng/ul	100
32) Benzo(a)anthracene	21.23	228	268997	1.92	ng/ul	97
33) Chrysene	21.28	228	426421	3.33	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	860338	5.72	ng/ul	97
36) Benzo(k)fluoranthene	22.84	252	279637m	2.00	ng/ul	
38) Benzo(a)pyrene	23.37	252	430055	2.98	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.67	276	311034	1.81	ng/ul	96
41) Benzo(g,h,i)perylene	26.36	276	266792	1.79	ng/ul	98

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

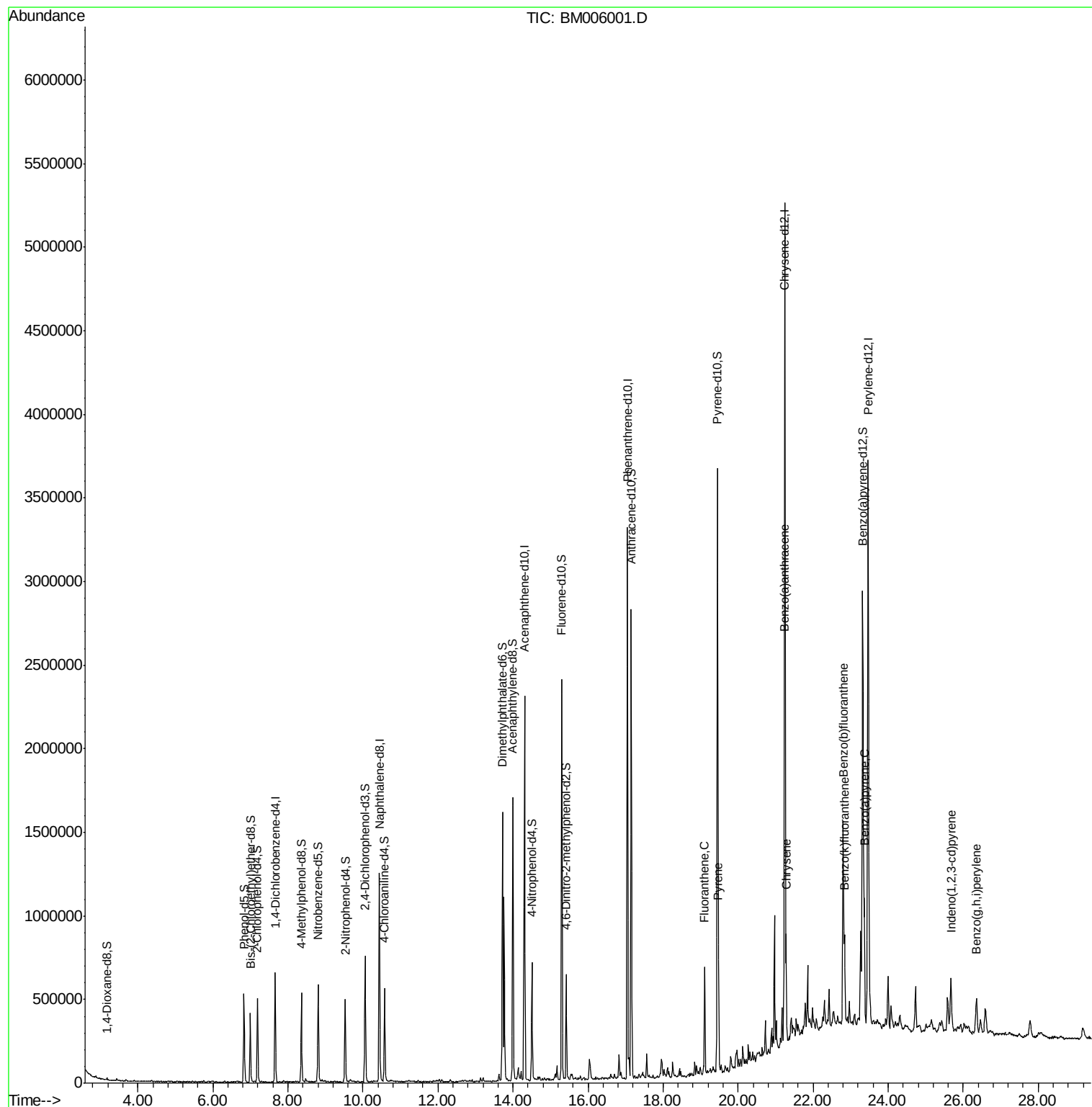
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006001.D
Acq On : 25 Jun 2016 15:02
Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

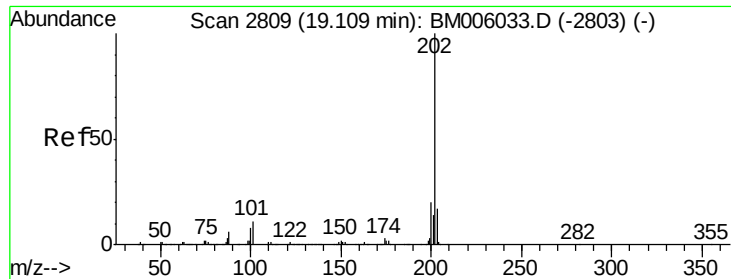
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 26 04:47:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
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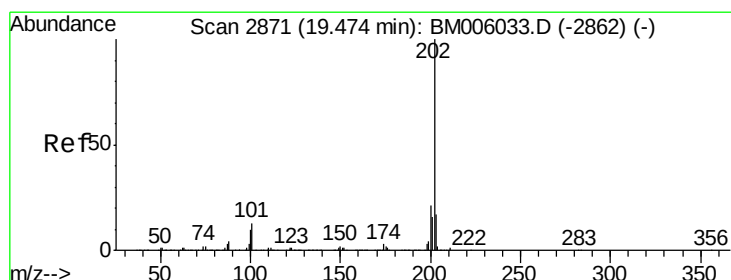
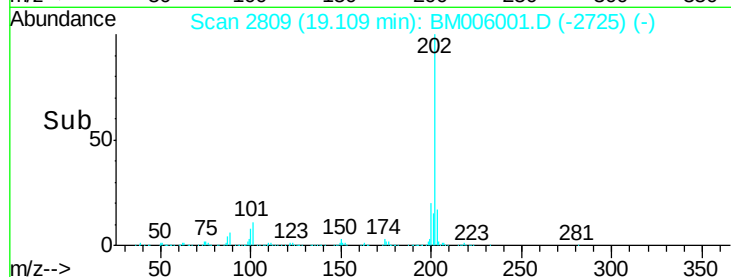
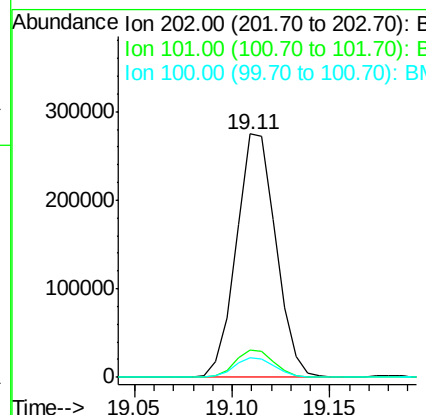
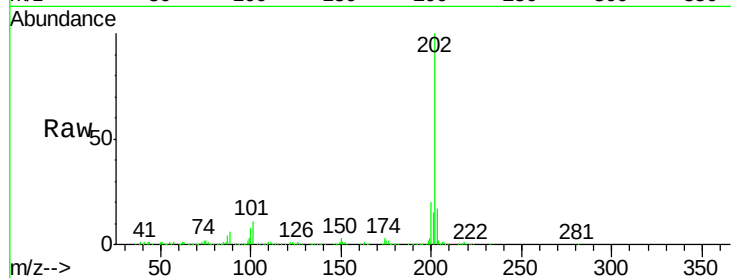
#28
Fluoranthene
Concen: 2.81 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006001.D
Acq: 25 Jun 2016 15:02

Instrument :
BNA_M
ClientSampleId :
D9Y59

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		384434		
101	11.3	8.2	12.4		
100	8.3	6.3	9.5		

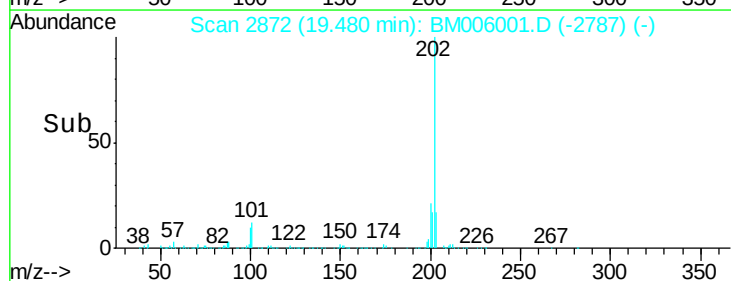
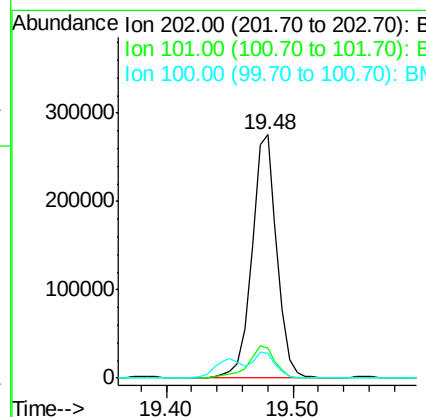
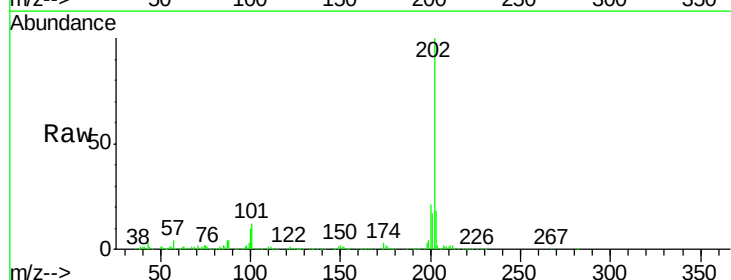
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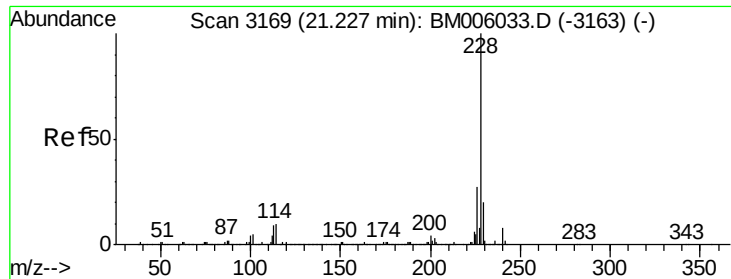
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#31
Pyrene
Concen: 2.77 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006001.D
Acq: 25 Jun 2016 15:02

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		374304		
101	12.5	9.8	14.6		
100	10.1	8.2	12.2		





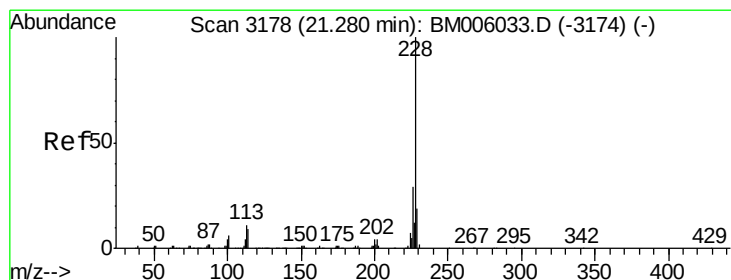
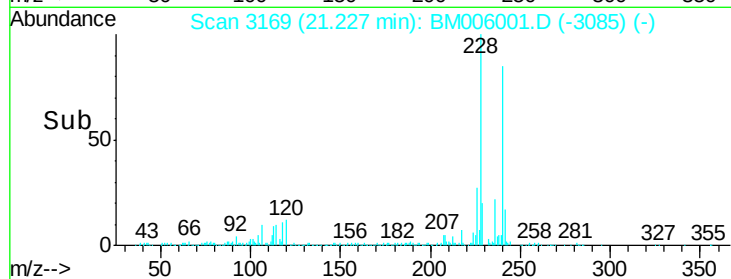
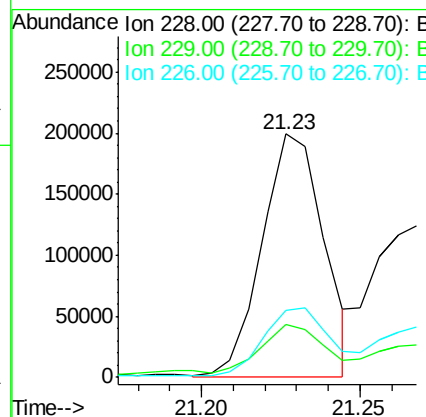
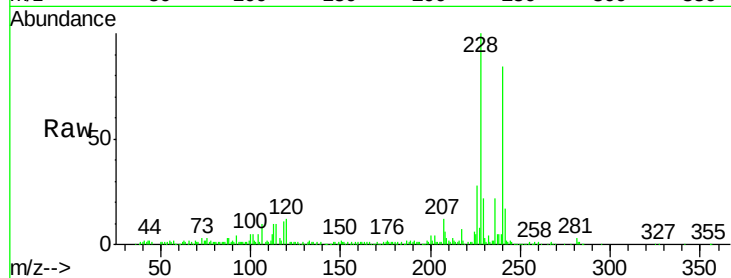
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Benzo(a)anthracene
Concen: 1.92 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006001.D
Acq: 25 Jun 2016 15:02

Instrument :
BNA_M
ClientSampleId :
D9Y59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	268997		
229	21.7	15.8	23.6	
226	27.7	21.5	32.3	

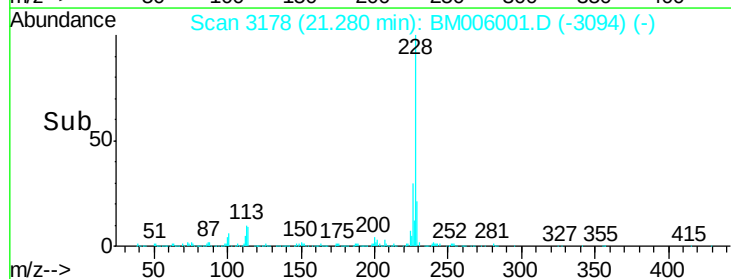
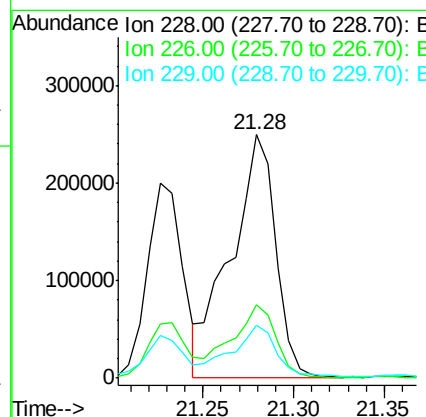
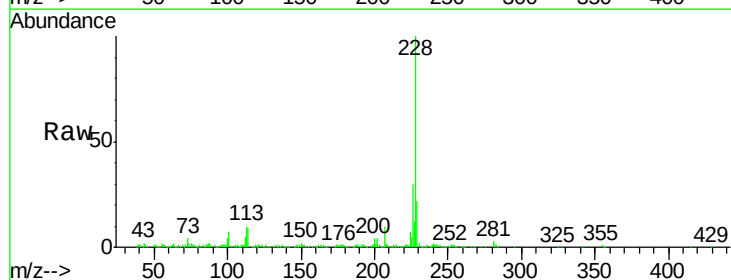
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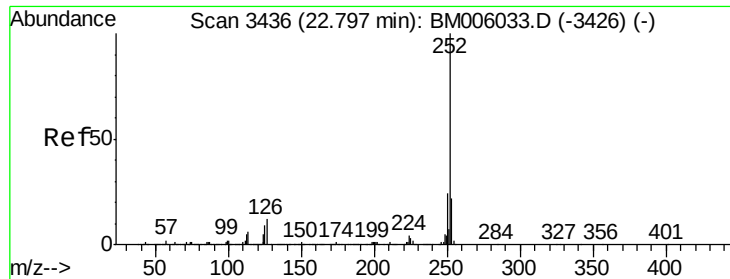
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#33
Chrysene
Concen: 3.33 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006001.D
Acq: 25 Jun 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	426421		
226	30.0	24.3	36.5	
229	21.7	15.4	23.2	





#35

Benzo(b)fluoranthene

Concen: 5.72 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BM006001.D

Acq: 25 Jun 2016 15:02

Instrument :

BNA_M

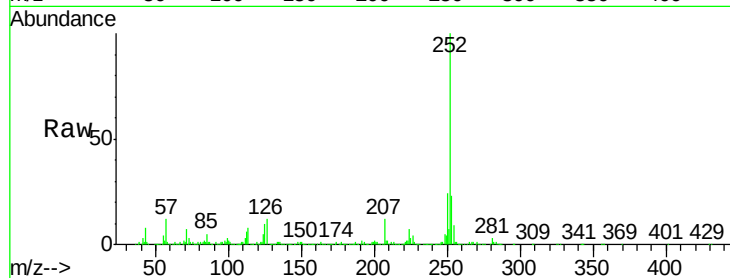
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D9Y59

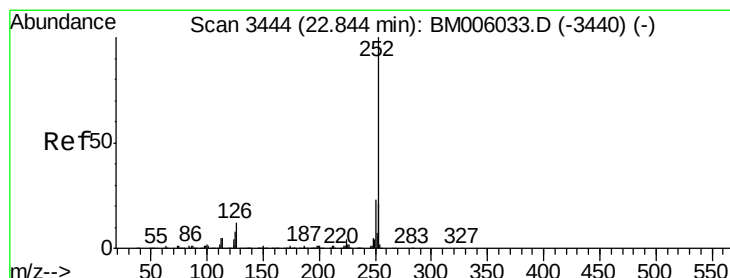
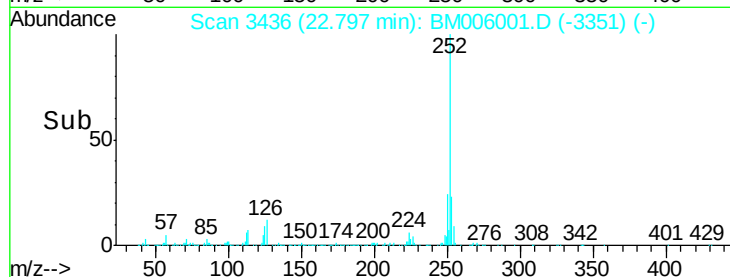
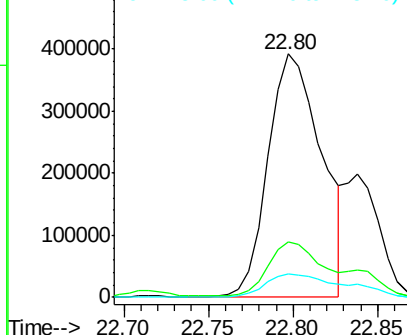
Tgt Ion:	252	Resp:	860338
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	9.8	6.8	10.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 2.00 ng/ul m

RT: 22.84 min Scan# 3443

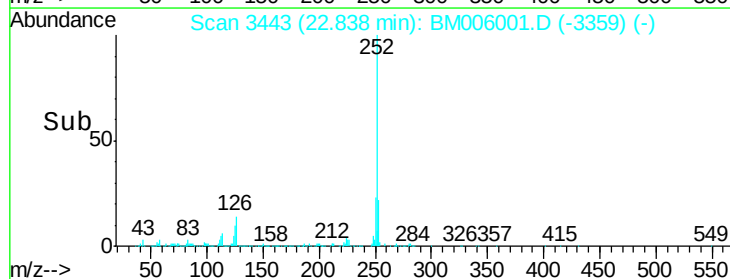
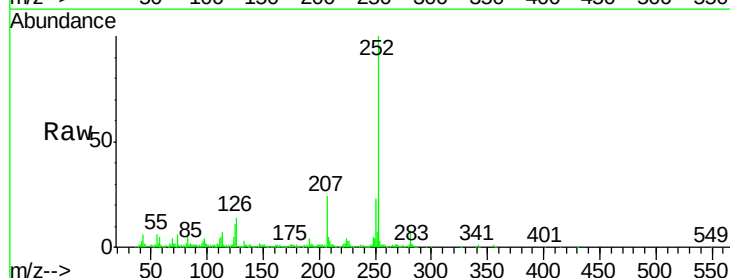
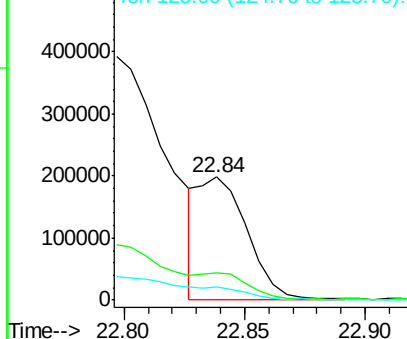
Delta R.T. -0.01 min

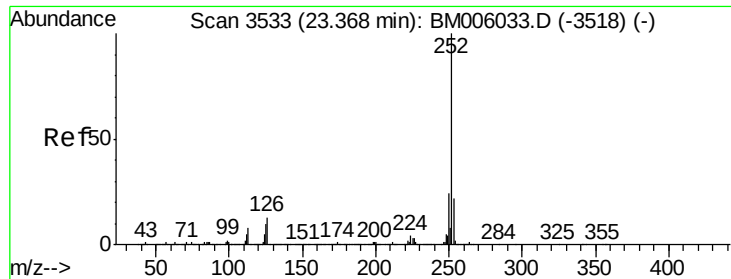
Lab File: BM006001.D

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Tgt Ion:	252	Resp:	279637
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	10.8	7.0	10.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





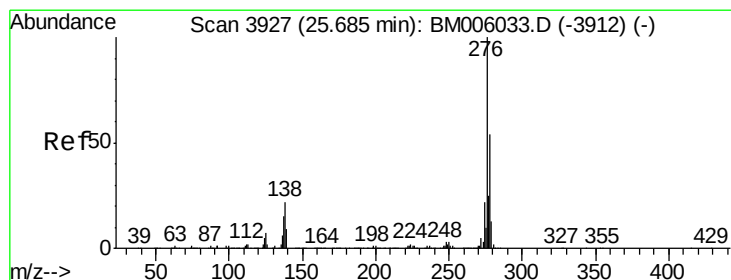
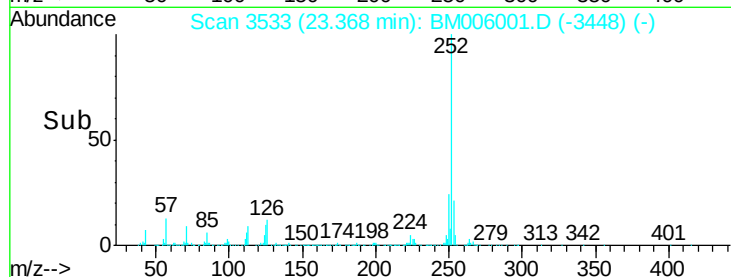
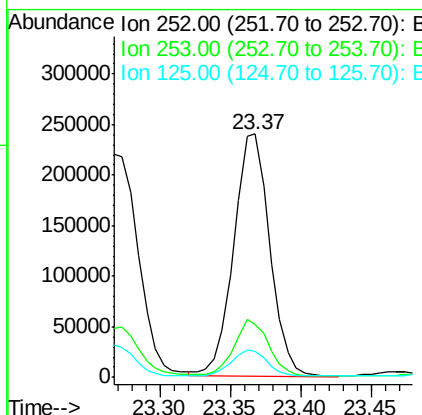
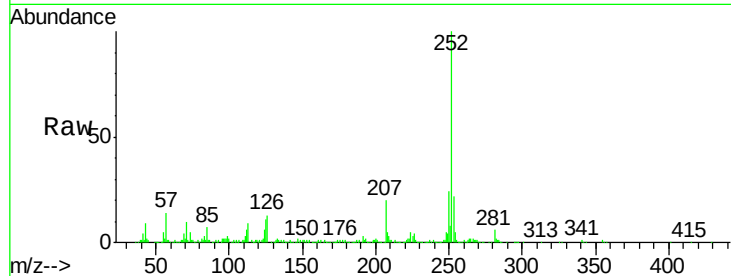
#38
Benzo(a)pyrene
Concen: 2.98 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM006001.D
Acq: 25 Jun 2016 15:02

Instrument :
BNA_M
ClientSampleId :
D9Y59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.6	7.8	11.6

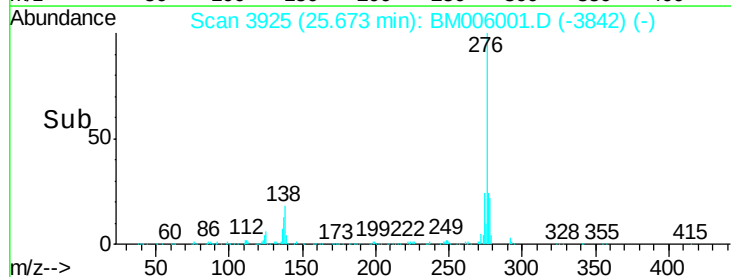
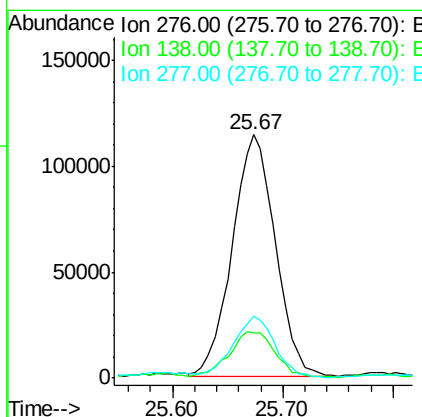
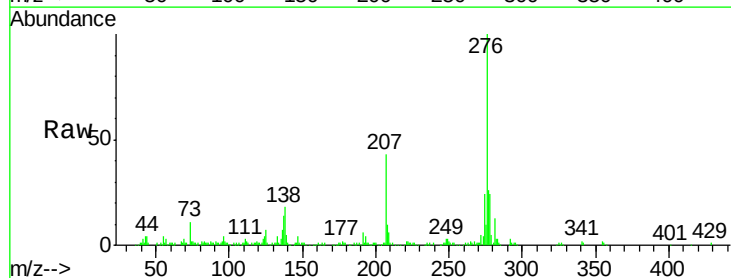
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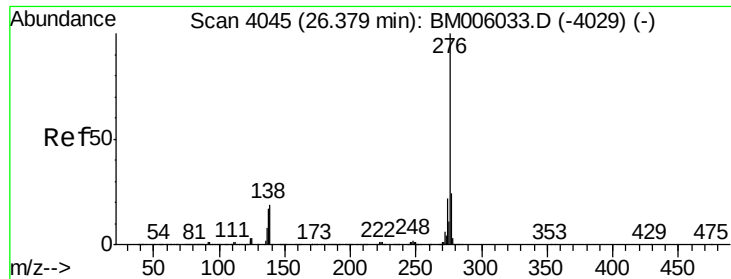
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#39
Indeno(1,2,3-cd)pyrene
Concen: 1.81 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006001.D
Acq: 25 Jun 2016 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.6	25.0
277	25.6	19.6	29.4





#41
 Benzo(g,h,i)perylene
 Concen: 1.79 ng/ul
 RT: 26.36 min Scan# 4041
 Delta R.T. -0.02 min
 Lab File: BM006001.D
 Acq: 25 Jun 2016 15:02

Instrument :
 BNA_M
 ClientSampleId :
 D9Y59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.9	23.9
277	24.0	19.2	28.8

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