

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006045.D
 Acq On : 26 Jun 2016 18:00
 Operator : UM/SJ
 Sample : H3670-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y80

Manual Integrations
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Quant Time: Jun 27 05:53:37 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	181952	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	916906	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	598647	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1568616	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2018368	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1985802	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	3998	0.98	ng/uL	0.00
3) Phenol-d5	6.83	99	148189	7.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	111937	10.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	128364	9.63	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	48791	3.02	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	72789	10.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	77768	10.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	140192	9.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	109373	6.77	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	522465	10.19	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	672478	11.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	64344	5.89	ng/ul	0.00
21) Fluorene-d10	15.30	176	510378	11.66	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	52165	5.99	ng/ul	0.00
26) Anthracene-d10	17.15	188	836026	11.60	ng/ul	0.00
30) Pyrene-d10	19.45	212	1083168	12.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1061613	11.84	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.09	178	698789	8.28	ng/ul	99
28) Fluoranthene	19.12	202	1606522	14.87	ng/ul	100
31) Pyrene	19.48	202	1279935	11.08	ng/ul	98
32) Benzo(a)anthracene	21.23	228	638600	5.33	ng/ul	95
33) Chrysene	21.29	228	789563	7.21	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	987161	8.56	ng/ul	97
36) Benzo(k)fluoranthene	22.84	252	292781m	2.73	ng/ul	
38) Benzo(a)pyrene	23.37	252	536393	4.85	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.71	276	351246	2.66	ng/ul	98
41) Benzo(g,h,i)perylene	26.40	276	339890	2.98	ng/ul	99

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

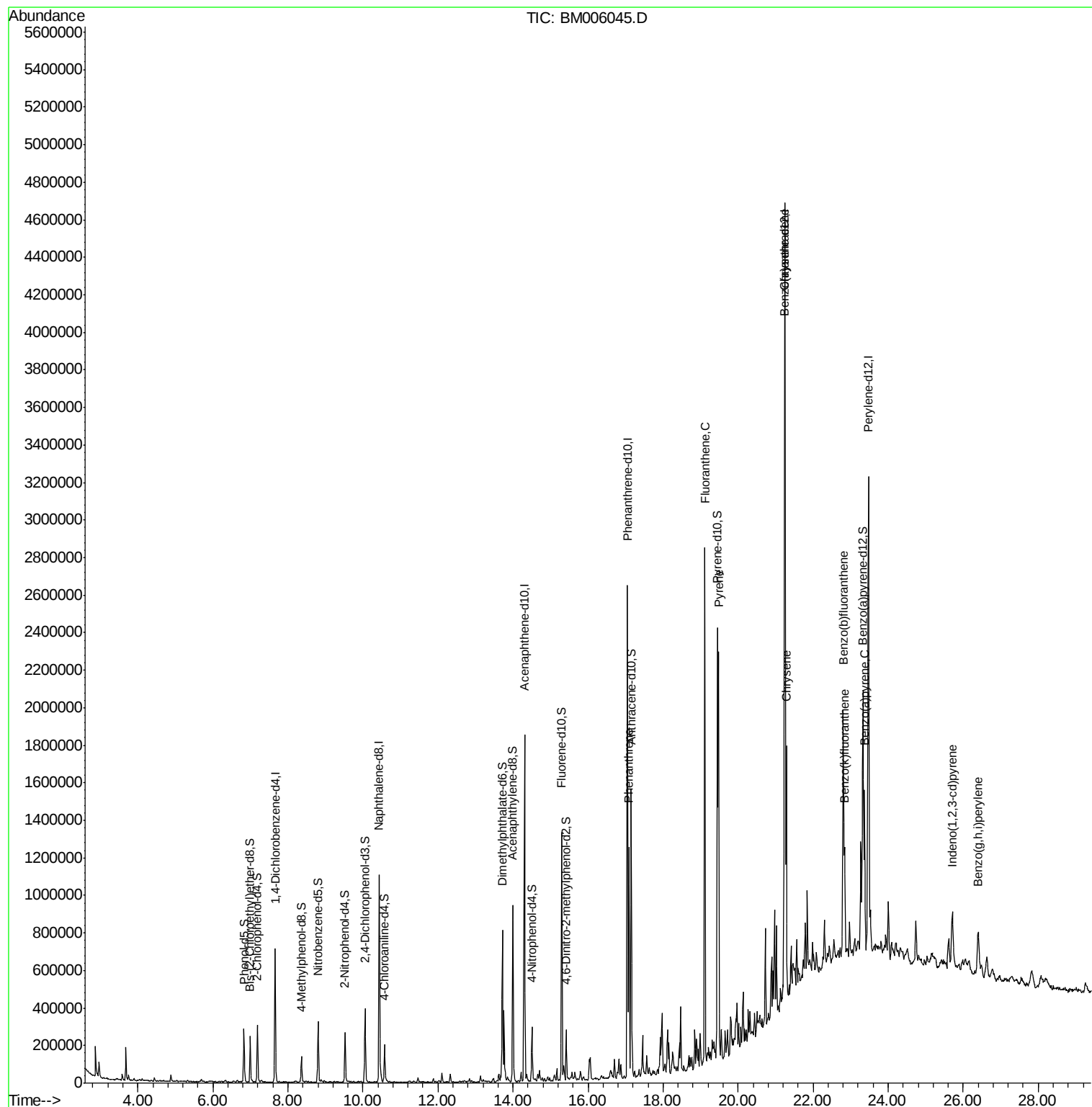
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006045.D
Acq On : 26 Jun 2016 18:00
Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

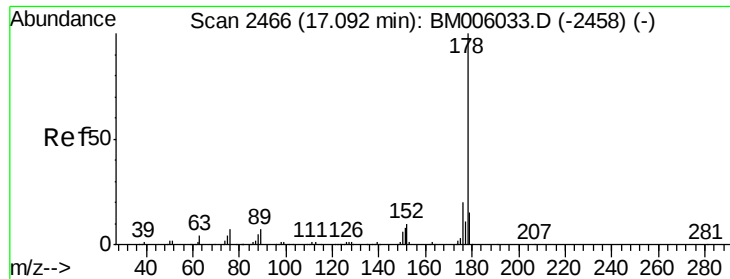
Instrument :
BNA_M
ClientSampled :
D9Y80

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Quant Time: Jun 27 05:53:37 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: 8.28 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

Instrument :

BNA_M

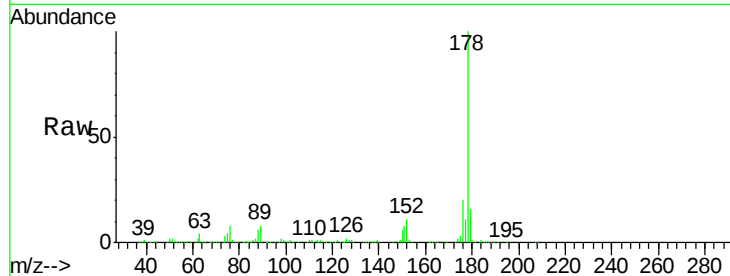
ClientSampleId :

D9Y80

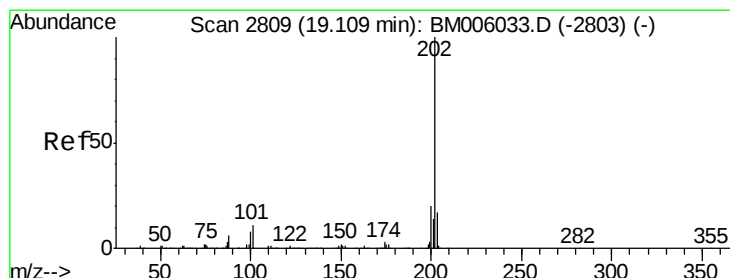
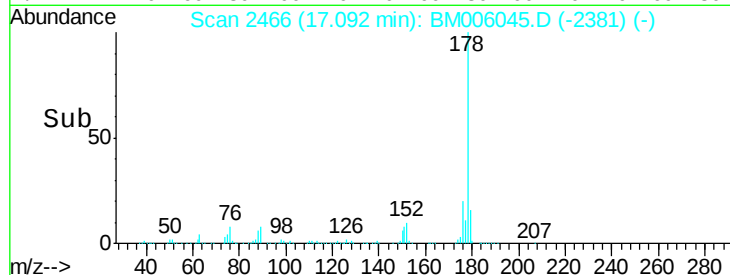
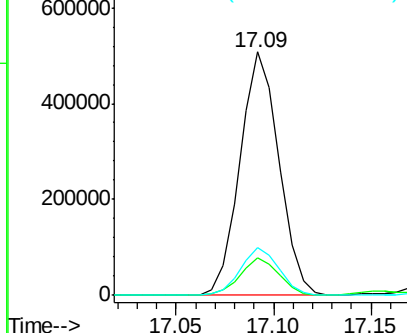
Tgt Ion:	178	Resp:	698789
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.1	18.1
176	19.5	15.4	23.0

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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



#28

Fluoranthene

Concen: 14.87 ng/ul

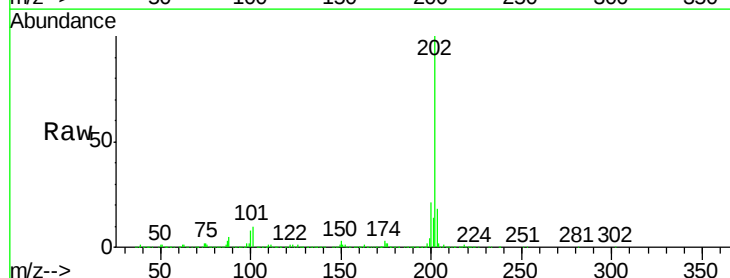
RT: 19.12 min Scan# 2810

Delta R.T. 0.01 min

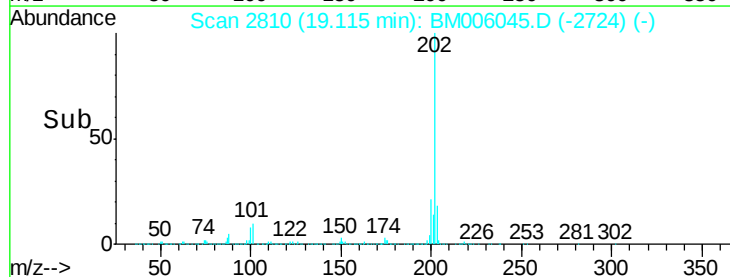
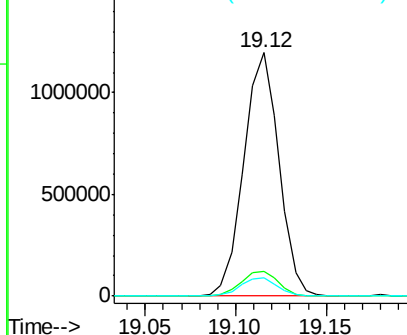
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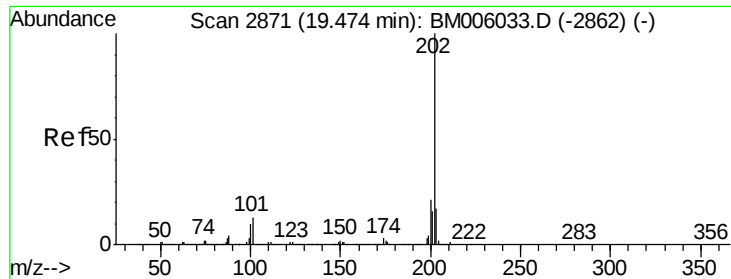
Acq: 26 Jun 2016 18:00

Tgt Ion:	202	Resp:	1606522
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.2	12.4
100	7.7	6.3	9.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





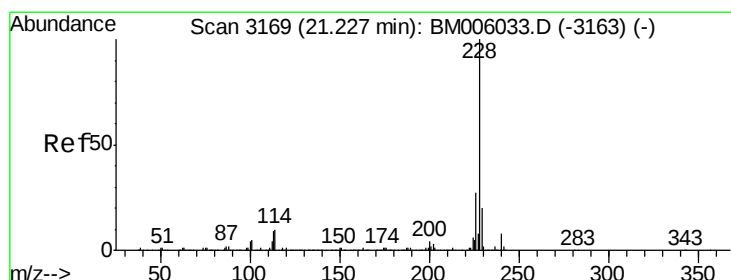
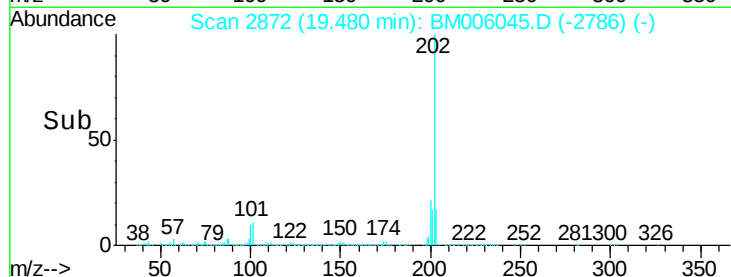
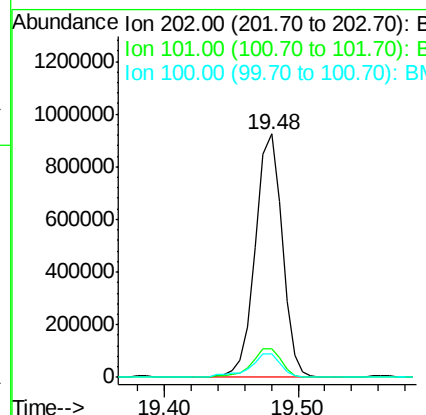
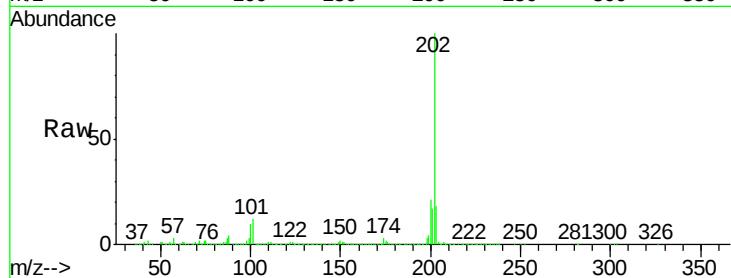
#31
 Pyrene
 Concen: 11.08 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. 0.01 min
 Lab File: BM006045.D
 Acq: 26 Jun 2016 18:00

Instrument :
 BNA_M
 ClientSampleId :
 D9Y80

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1279935		
101	11.6		9.8	14.6
100	9.6		8.2	12.2

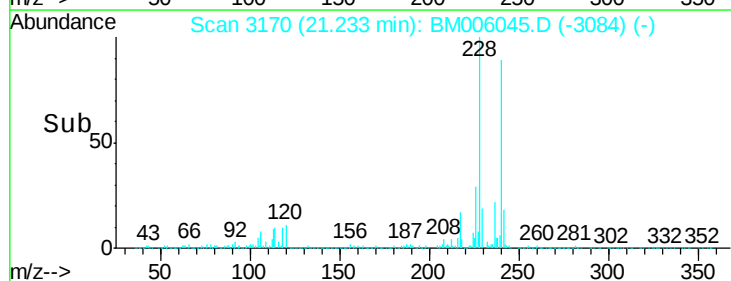
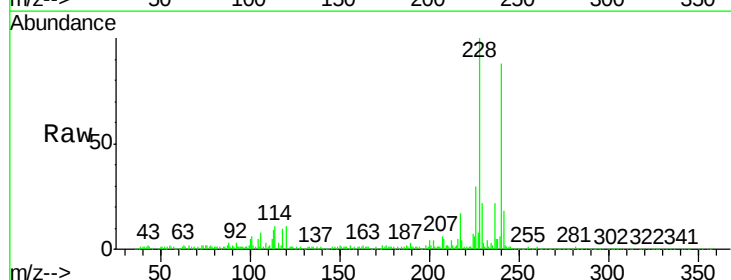
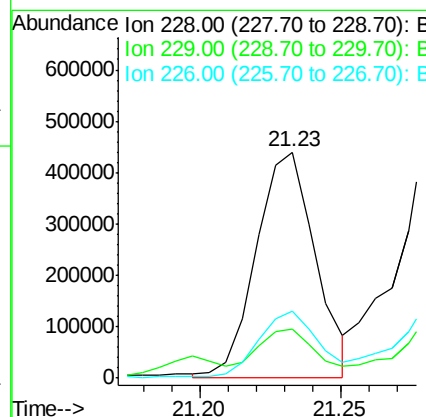
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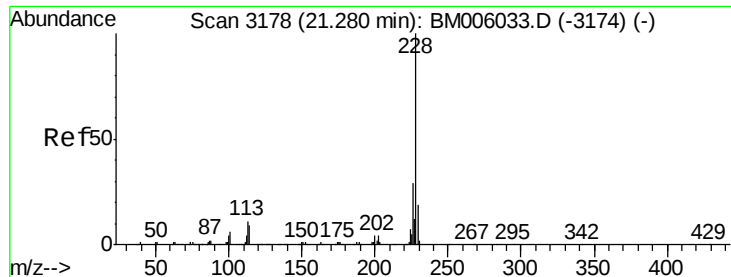
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#32
 Benzo(a)anthracene
 Concen: 5.33 ng/ul
 RT: 21.23 min Scan# 3170
 Delta R.T. 0.01 min
 Lab File: BM006045.D
 Acq: 26 Jun 2016 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	638600		
229	21.6		15.8	23.6
226	29.7		21.5	32.3





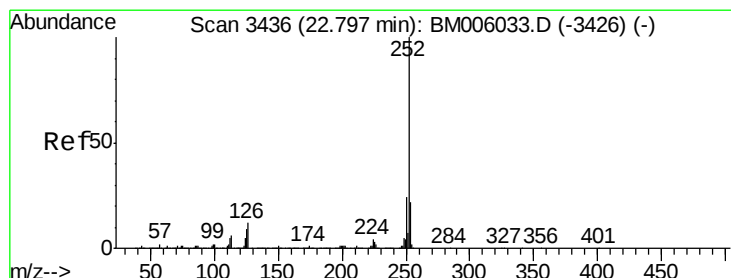
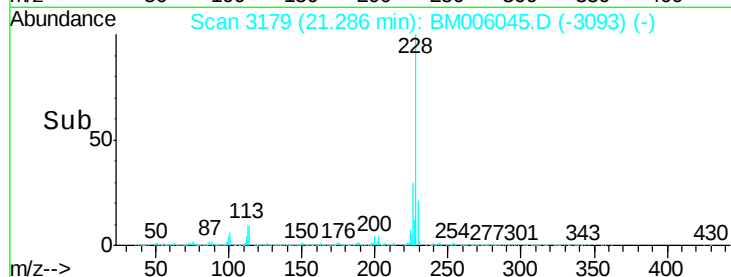
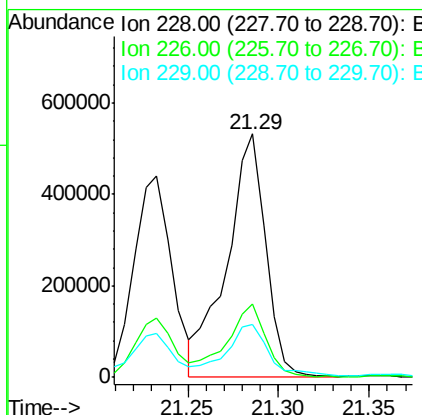
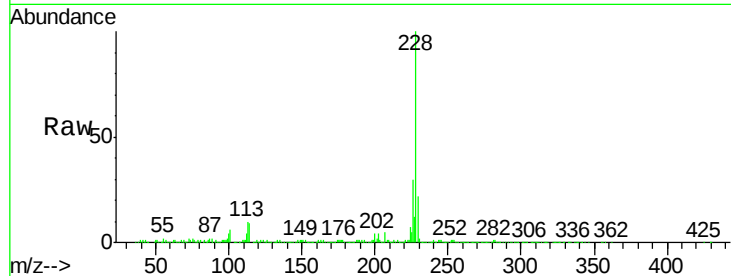
#33
Chrysene
Concen: 7.21 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM006045.D
Acq: 26 Jun 2016 18:00

Instrument :
BNA_M
ClientSampleId :
D9Y80

Tgt Ion:	228	Resp:	789563
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.3	36.5
229	21.5	15.4	23.2

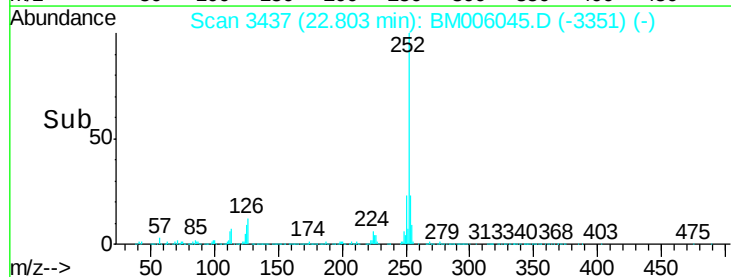
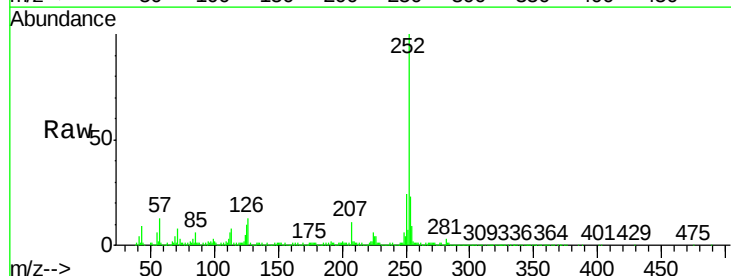
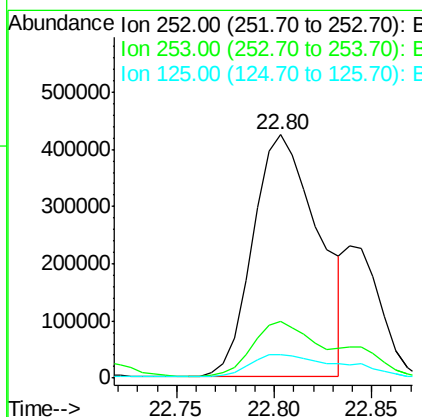
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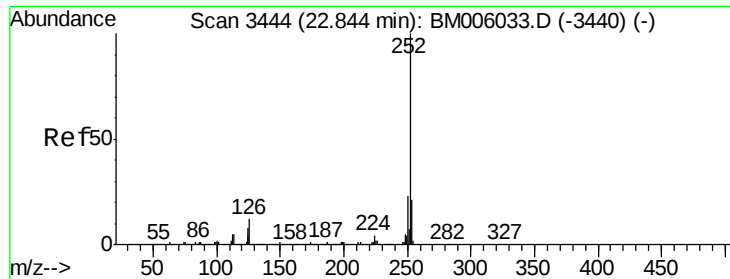
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#35
Benzo(b)fluoranthene
Concen: 8.56 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006045.D
Acq: 26 Jun 2016 18:00

Tgt Ion:	252	Resp:	987161
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	9.5	6.8	10.2





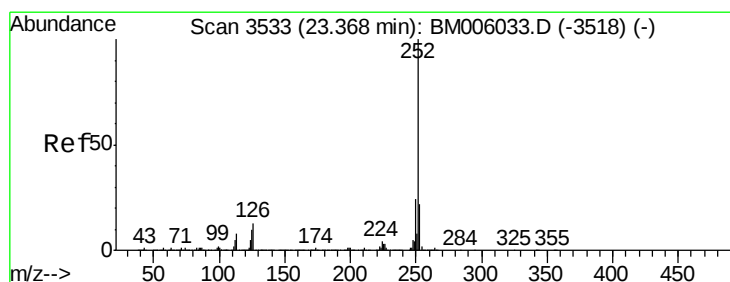
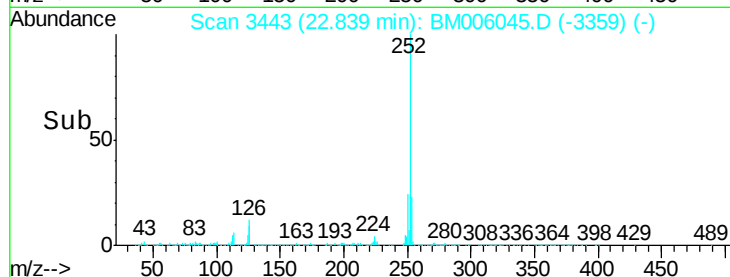
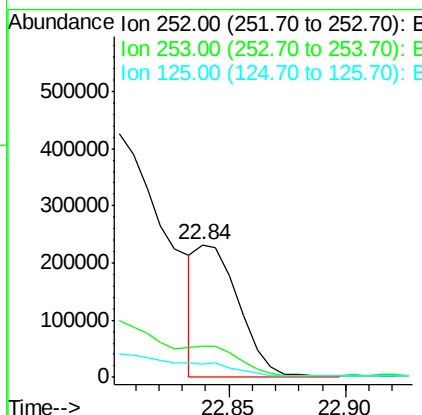
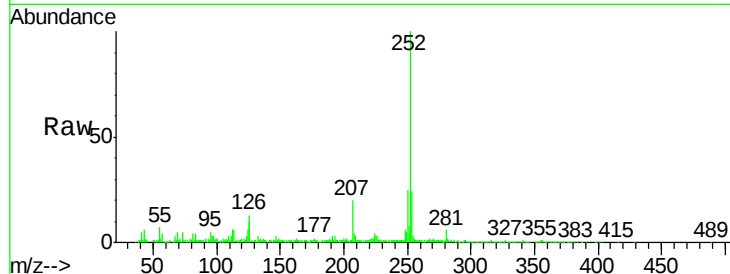
#36
Benzo(k)fluoranthene
Concen: 2.73 ng/ul m
RT: 22.84 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM006045.D
Acq: 26 Jun 2016 18:00

Instrument :
BNA_M
ClientSampleId :
D9Y80

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	10.0	7.0	10.4

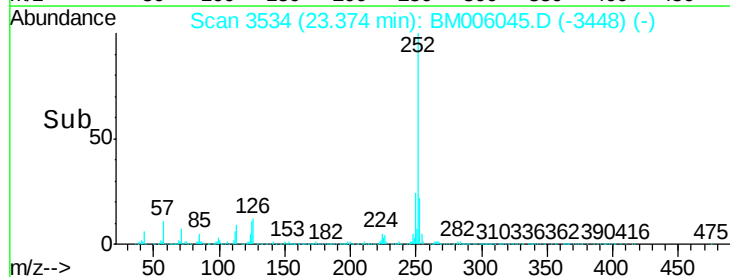
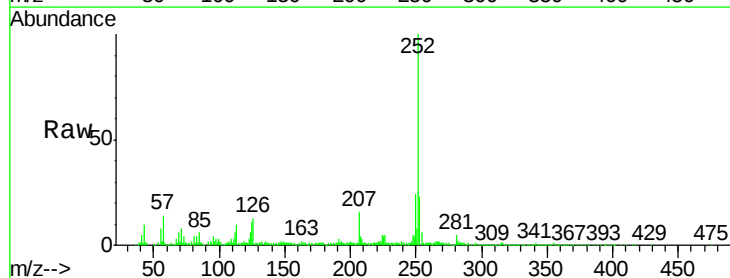
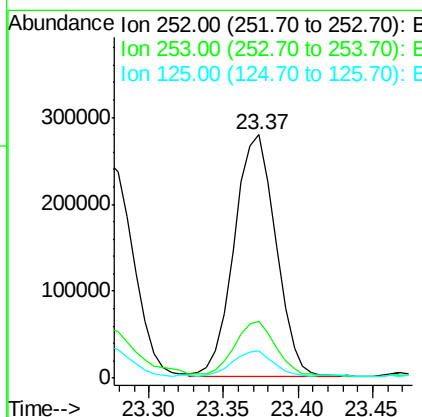
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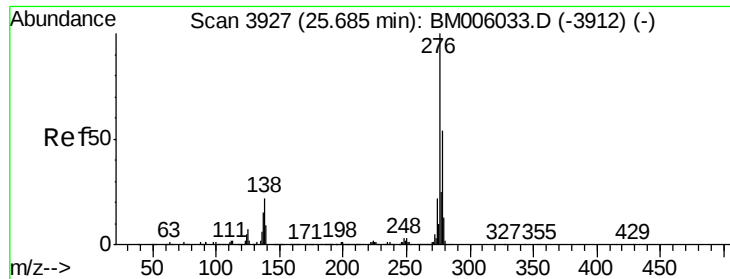
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#38
Benzo(a)pyrene
Concen: 4.85 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BM006045.D
Acq: 26 Jun 2016 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.1	7.8	11.6





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.66 ng/ul

RT: 25.71 min Scan# 3931

Delta R.T. 0.02 min

Lab File: BM006045.D

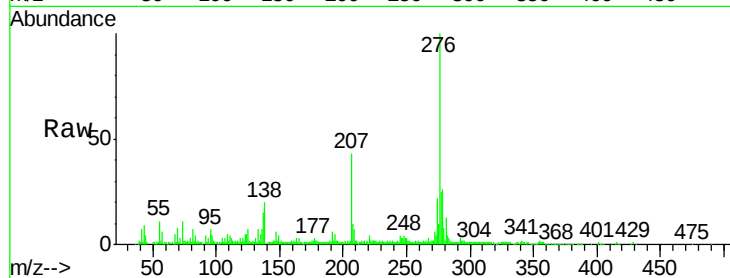
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Instrument :

BNA_M

ClientSampleId :

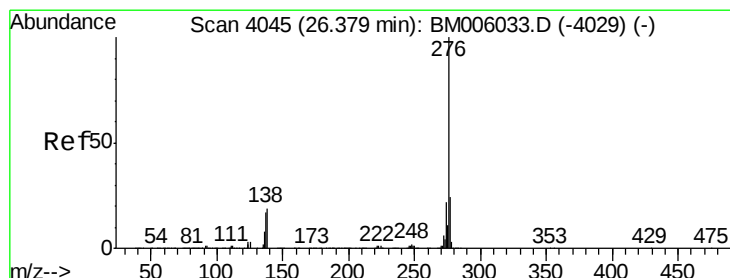
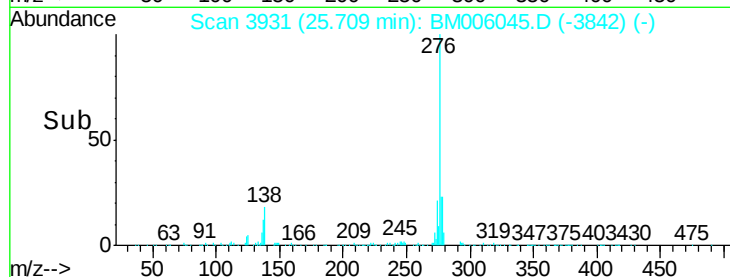
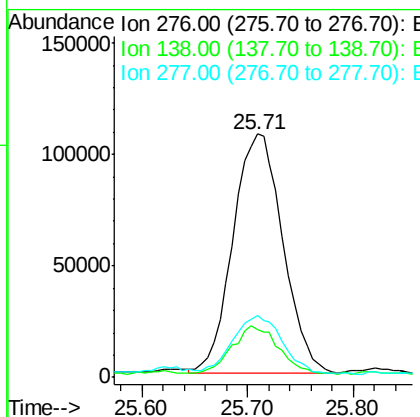
D9Y80



Tgt Ion:	276	Resp:	351246
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.6	25.0
277	25.4	19.6	29.4

Manual Integrations
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#41

Benzo(g,h,i)perylene

Concen: 2.98 ng/ul

RT: 26.40 min Scan# 4049

Delta R.T. 0.02 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

Tgt Ion:	276	Resp:	339890
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.9	23.9
277	23.6	19.2	28.8

