

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005801.D
 Acq On : 15 Jun 2016 01:07
 Operator : UM/SJ
 Sample : H3565-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y02

Manual Integrations
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Quant Time: Jun 15 02:10:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:42:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	79008	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	375248	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	196221	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	404638	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	448574	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	463909	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3267	1.91	ng/uL	0.00
3) Phenol-d5	6.92	99	107555	16.57	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	83661	21.66	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	106790	19.75	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	73368	13.38	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	53643	20.19	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	60981	20.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	101498	17.97	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	118324	19.06	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	330292	21.20	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	417533	21.10	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	33426m	18.67	ng/ul	0.01
21) Fluorene-d10	15.38	176	274637	21.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	26955	14.89	ng/ul	0.00
26) Anthracene-d10	17.23	188	400344	21.33	ng/ul	0.00
30) Pyrene-d10	19.53	212	453987	20.80	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	460853	21.51	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.17	178	22223	1.00	ng/ul	98
28) Fluoranthene	19.19	202	73111	3.09	ng/ul	99
31) Pyrene	19.55	202	64618	2.35	ng/ul	100
32) Benzo(a)anthracene	21.30	228	37693	1.45	ng/ul	97
33) Chrysene	21.35	228	42229	1.66	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	63025	2.27	ng/ul	96
38) Benzo(a)pyrene	23.47	252	39614	1.50	ng/ul	96

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

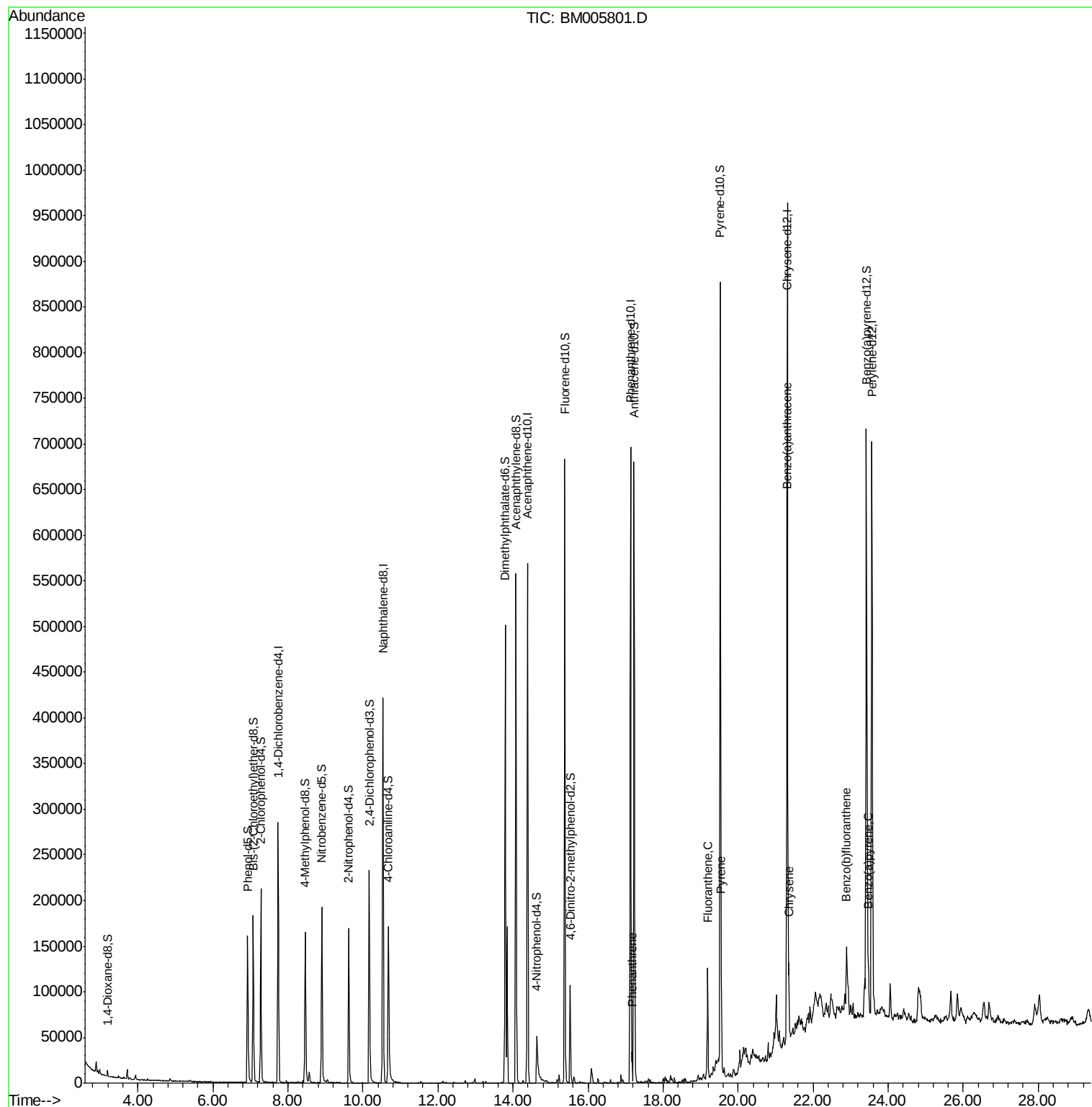
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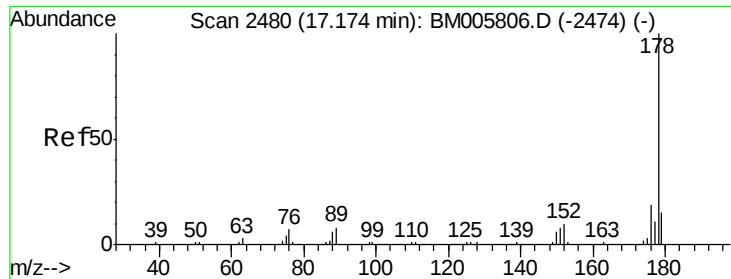
Instrument :
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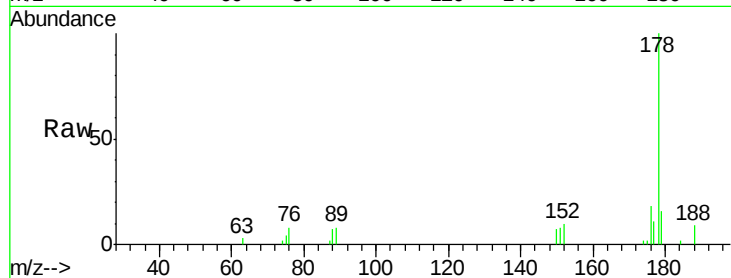
#25
Phenanthrene
Concen: 1.00 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005801.D
Acq: 15 Jun 2016 01:07

Instrument :
BNA_M
ClientSampleId :
D9Y02

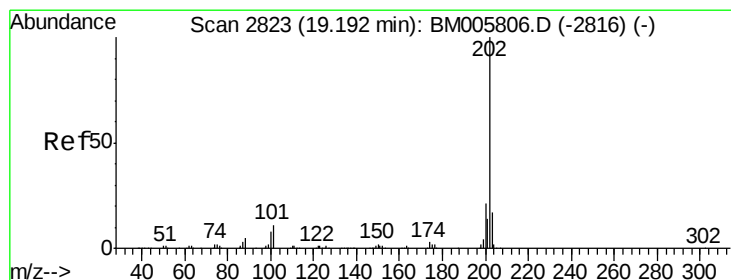
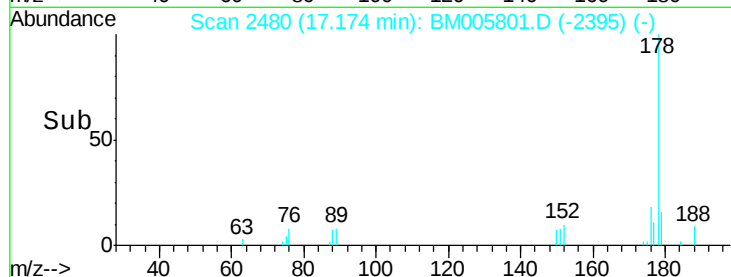
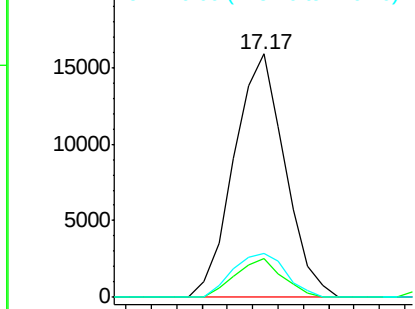
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.3	15.3	22.9

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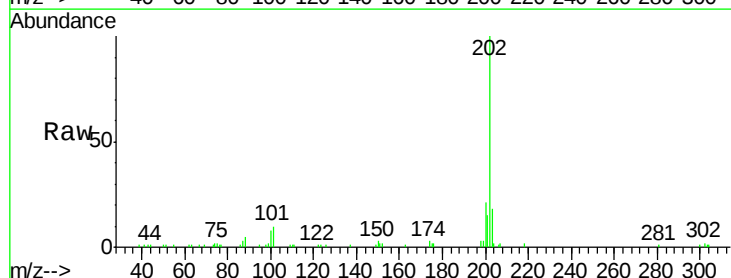


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

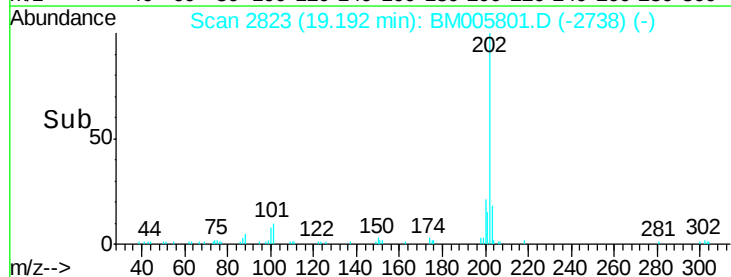
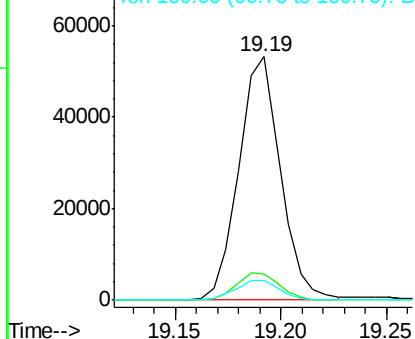


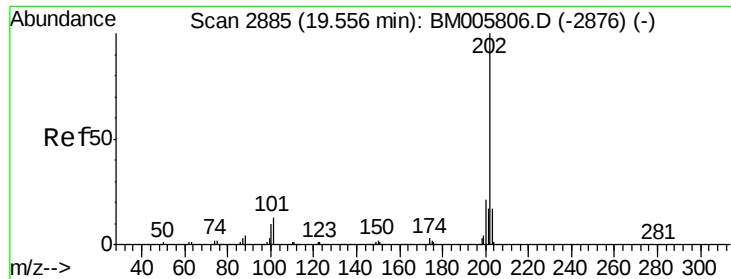
#28
Fluoranthene
Concen: 3.09 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005801.D
Acq: 15 Jun 2016 01:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
100	7.8	6.5	9.7



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: 2.35 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

Instrument :

BNA_M

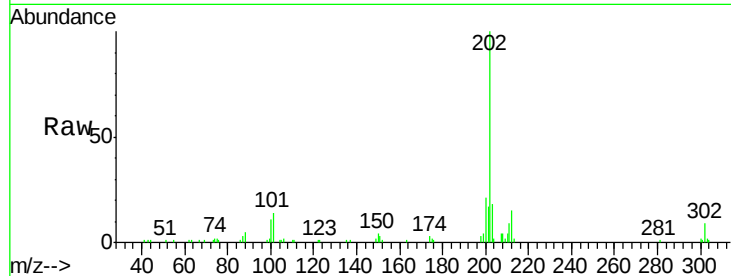
ClientSampleId :

D9Y02

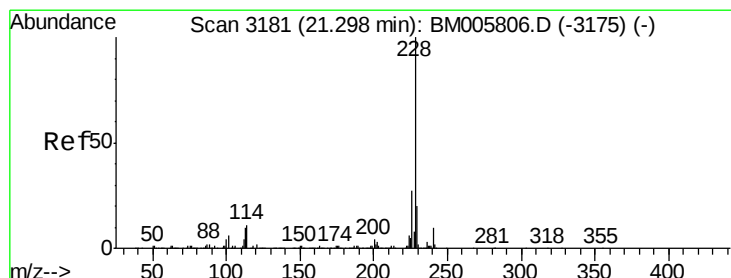
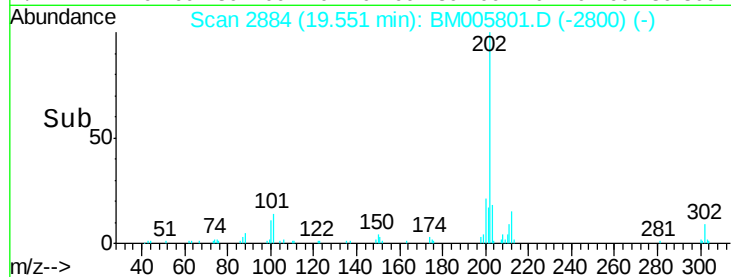
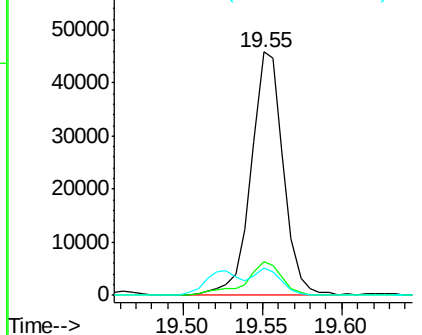
Tgt Ion:	202	Resp:	64618
Ion Ratio	Lower	Upper	
202	100		
101	13.7	11.0	16.4
100	11.0	8.9	13.3

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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



#32

Benzo(a)anthracene

Concen: 1.45 ng/ul

RT: 21.30 min Scan# 3181

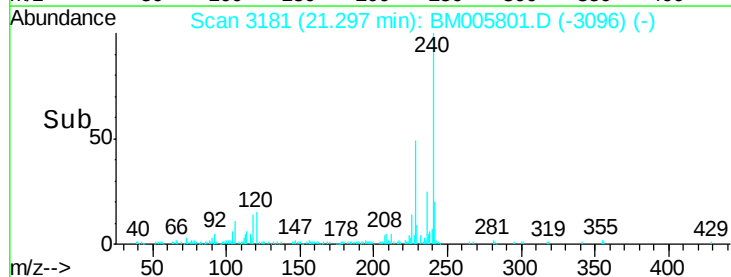
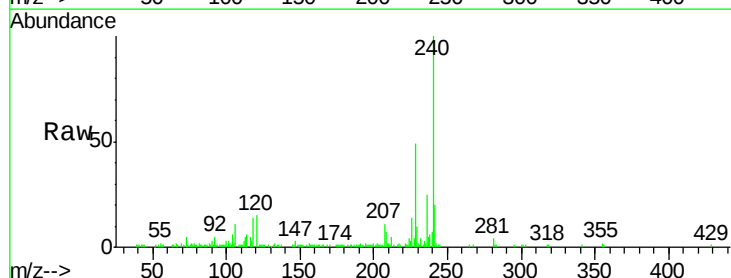
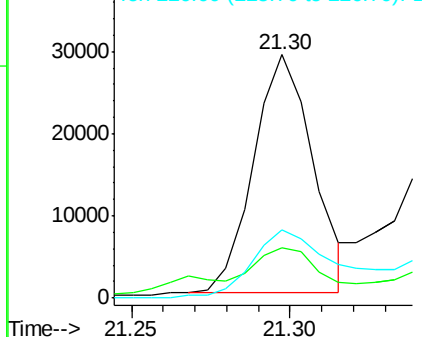
Delta R.T. -0.00 min

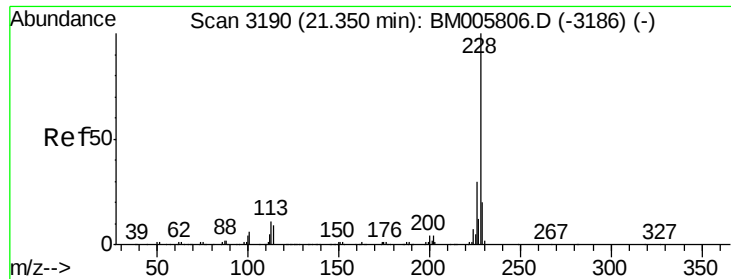
Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

Tgt Ion:	228	Resp:	37693
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	28.3	21.6	32.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





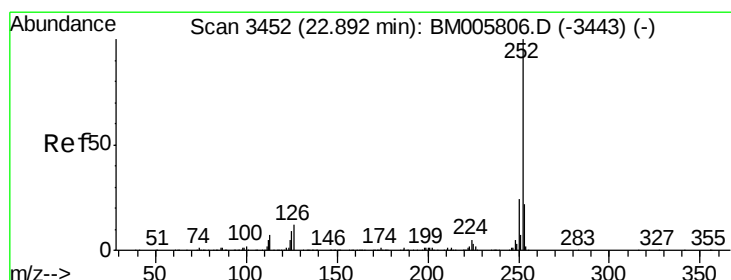
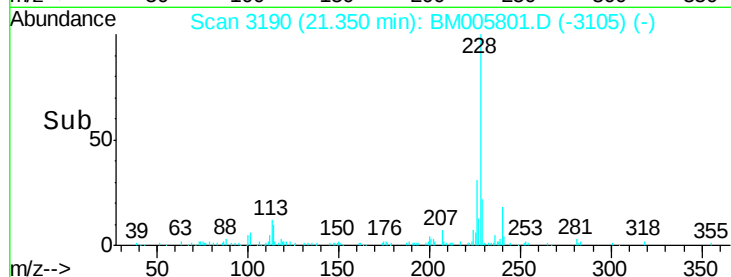
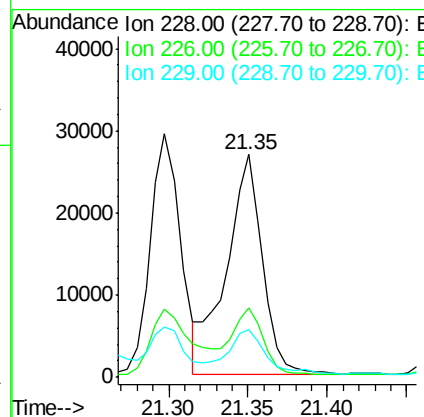
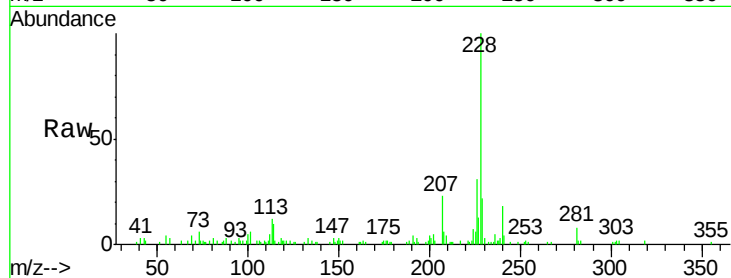
#33
Chrysene
Concen: 1.66 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005801.D
Acq: 15 Jun 2016 01:07

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	42229		
226	31.2	23.8	35.6	
229	21.5	15.8	23.6	

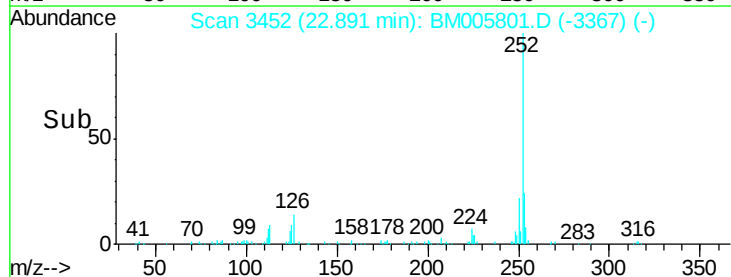
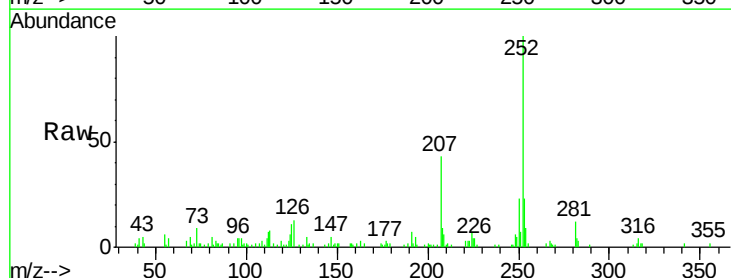
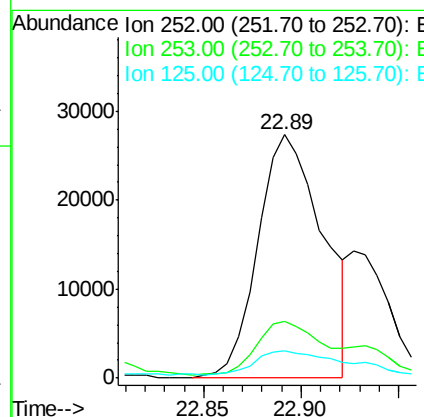
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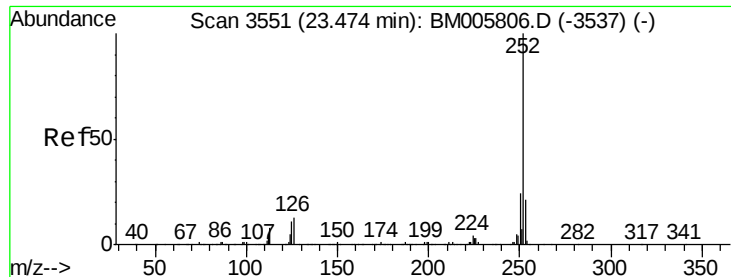
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#35
Benzo(b)fluoranthene
Concen: 2.27 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005801.D
Acq: 15 Jun 2016 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63025		
253	23.3	17.2	25.8	
125	11.0	7.8	11.6	





#38

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 23.47 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BM005801.D

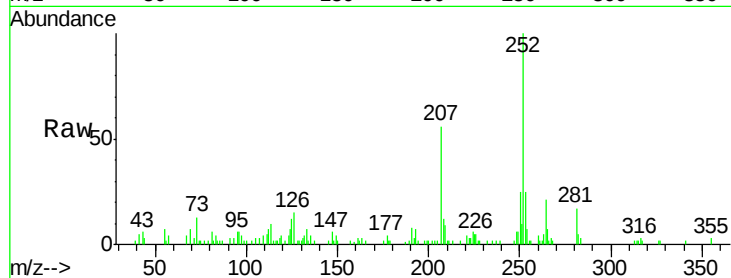
Acq: 15 Jun 2016 01:07

Instrument :

BNA_M

ClientSampleId :

D9Y02



Tgt Ion:	252	Resp:	39614
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.6
125	11.7	8.7	13.1

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