

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006829.D
 Acq On : 01 Aug 2016 17:50
 Operator : UM/SJ
 Sample : H4189-08
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM7

Manual Integrations
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Quant Time: Aug 01 18:37:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 01 18:04:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	195145	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	822212	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	447254	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	970089	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1001796	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1052188	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	6683	1.39	ng/uL	0.00
3) Phenol-d5	6.80	99	281723	16.97	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	180619	17.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	231339	17.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	193158	15.00	ng/ul	0.01
8) Nitrobenzene-d5	8.76	128	111636	17.94	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	119642	18.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	216916	17.34	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	177517	12.89	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	634182	18.08	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	825973	18.45	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	84393	13.86	ng/ul	0.02
21) Fluorene-d10	15.26	176	568335	18.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	26406	5.24	ng/ul	0.02
26) Anthracene-d10	17.12	188	875576	19.01	ng/ul	0.00
30) Pyrene-d10	19.42	212	895054	19.61	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	907334	18.75	ng/ul	0.01

Target Compounds

					Qvalue	
25) Phenanthrene	17.06	178	74104	1.36	ng/ul	98
28) Fluoranthene	19.09	202	193485	3.02	ng/ul#	91
31) Pyrene	19.45	202	196971	3.25	ng/ul	97
32) Benzo(a)anthracene	21.20	228	150146	2.47	ng/ul	95
33) Chrysene	21.26	228	142306	2.54	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	285267	4.52	ng/ul	97
36) Benzo(k)fluoranthene	22.81	252	63060m	1.03	ng/ul	
38) Benzo(a)pyrene	23.33	252	145349	2.37	ng/ul#	91
39) Indeno(1,2,3-cd)pyrene	25.64	276	110351	1.55	ng/ul	93
41) Benzo(g,h,i)perylene	26.33	276	103445	1.70	ng/ul#	95

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

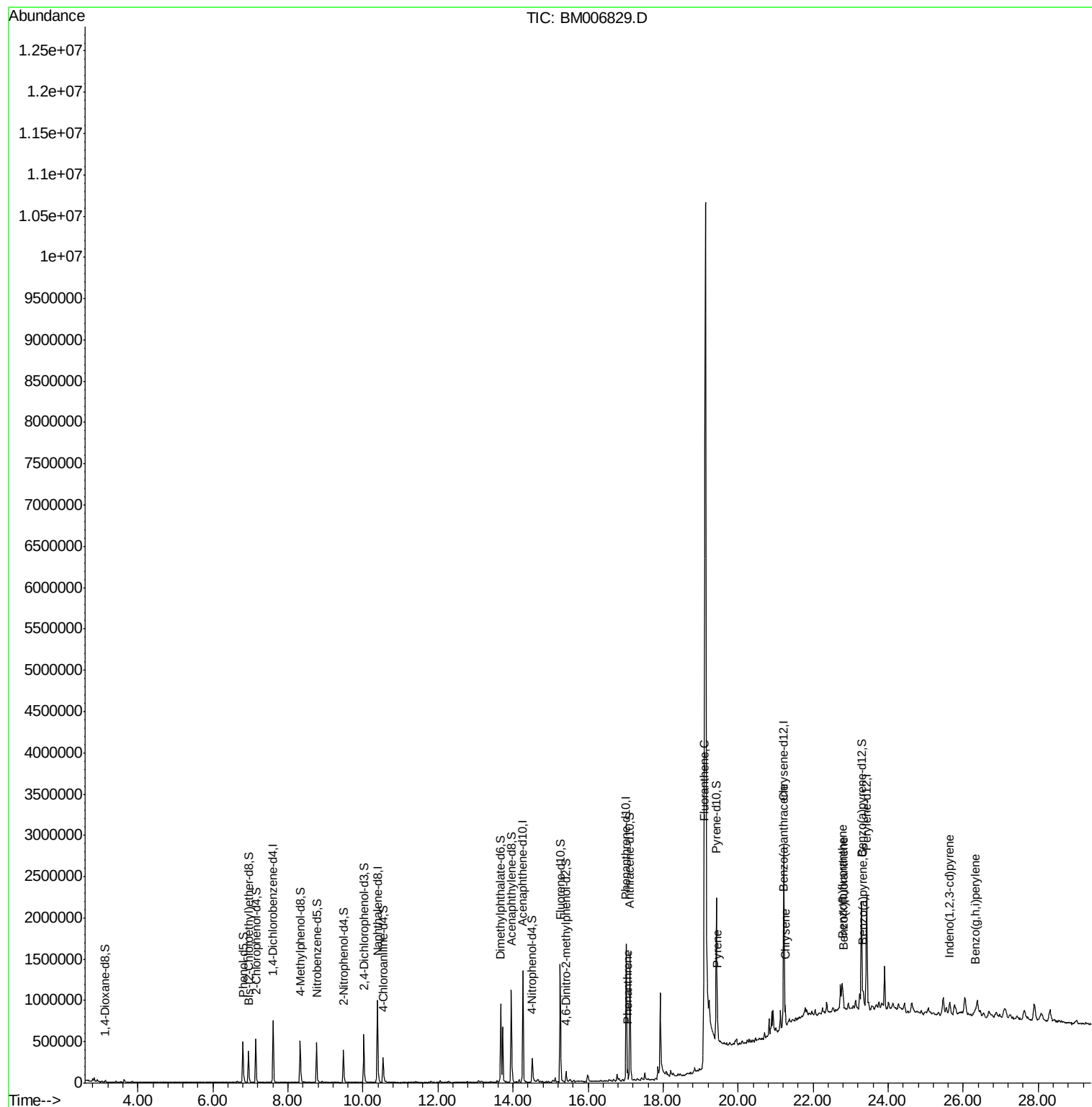
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006829.D
Acq On : 01 Aug 2016 17:50
Operator : UM/SJ
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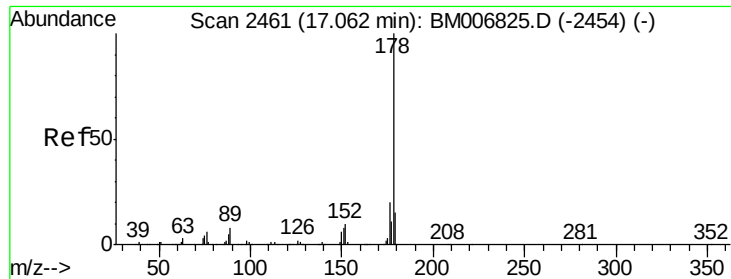
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
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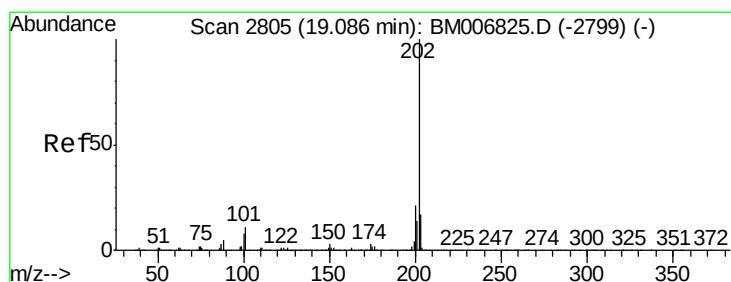
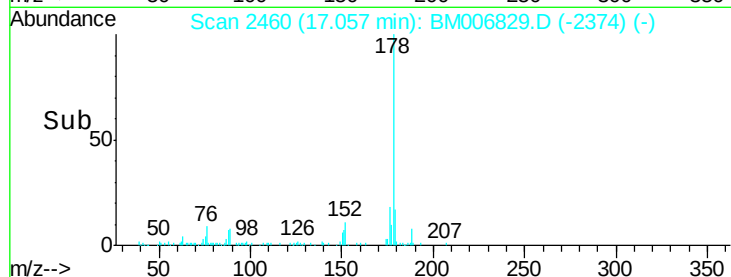
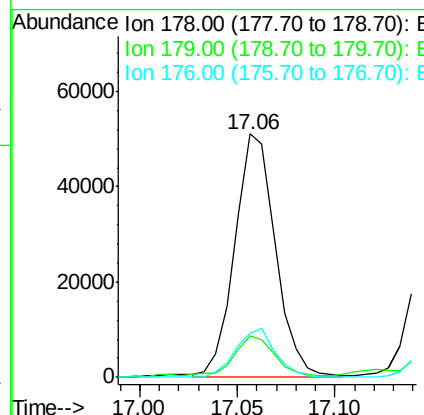
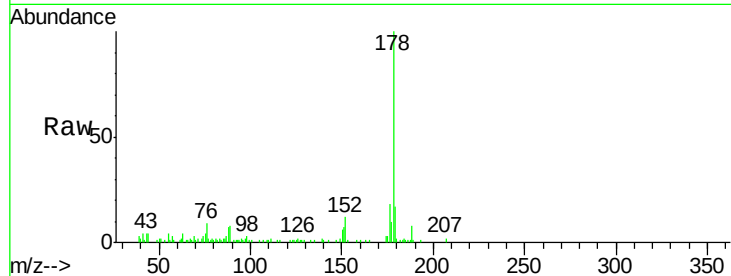
#25
Phenanthrene
Concen: 1.36 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006829.D
Acq: 01 Aug 2016 17:50

Instrument :
BNA_M
ClientSampleId :
D9ZM7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.8	17.8
176	18.3	14.8	22.2

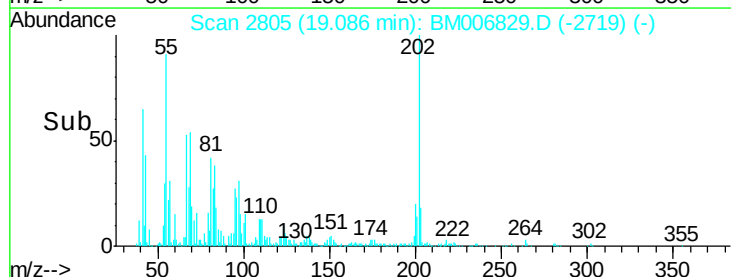
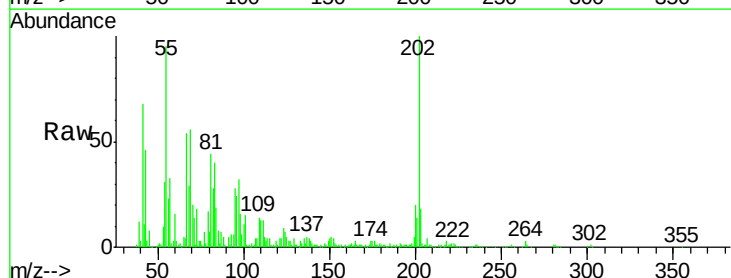
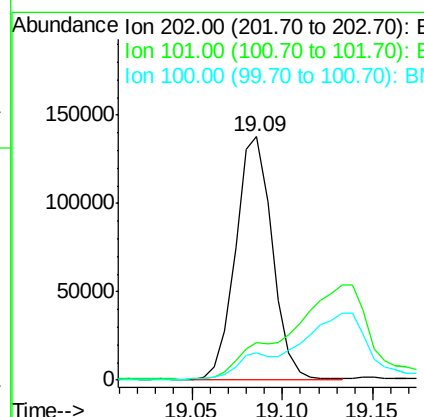
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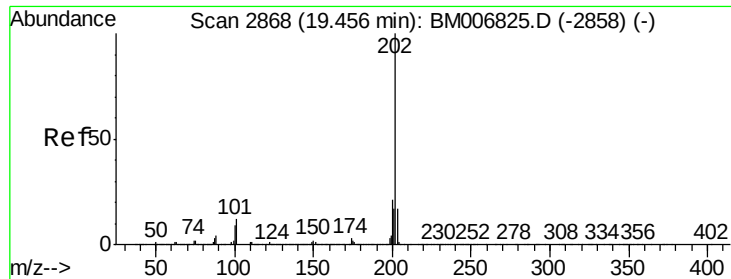
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#28
Fluoranthene
Concen: 3.02 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006829.D
Acq: 01 Aug 2016 17:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	8.9	13.3#
100	11.1	7.0	10.4#





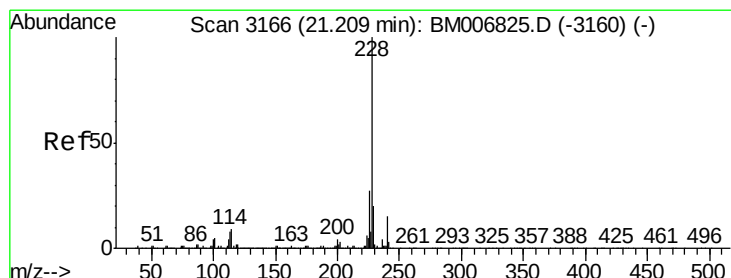
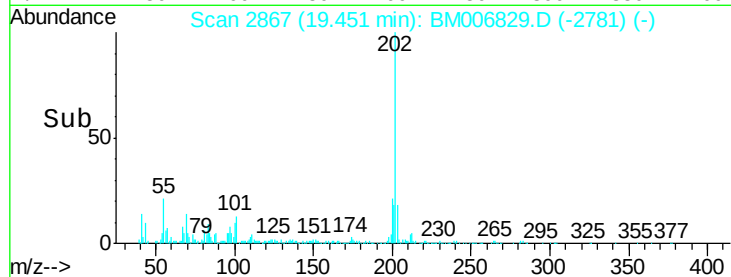
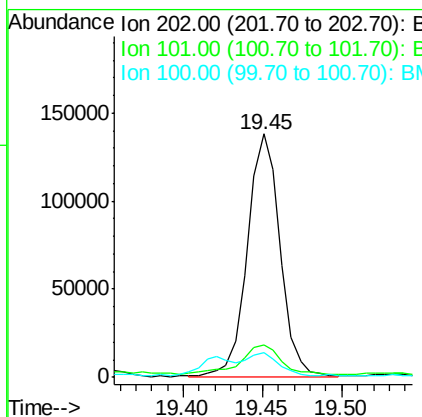
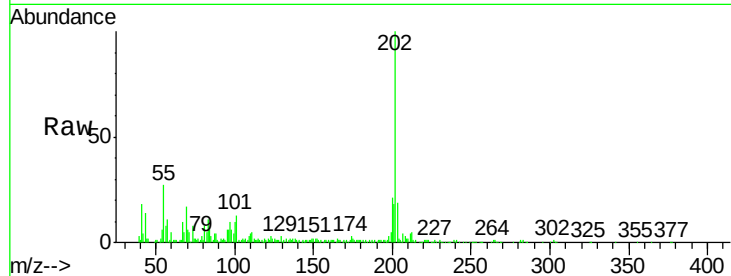
#31
 Pyrene
 Concen: 3.25 ng/ul
 RT: 19.45 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BM006829.D
 Acq: 01 Aug 2016 17:50

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	9.8	14.8
100	10.3	9.3	13.9

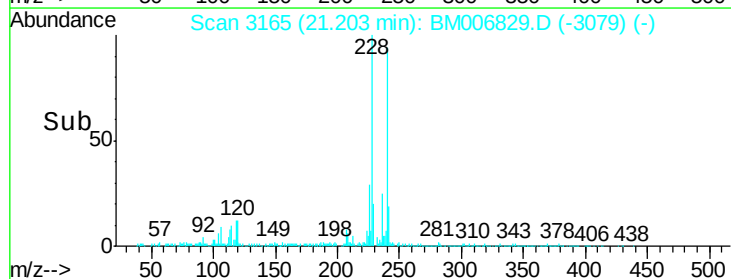
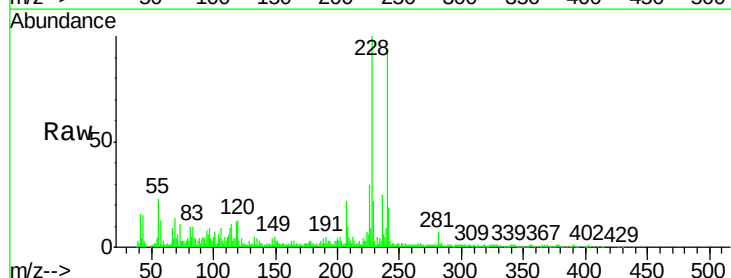
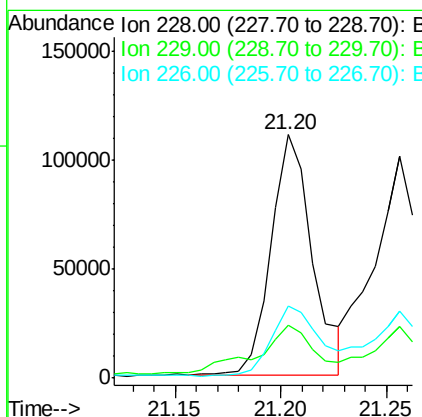
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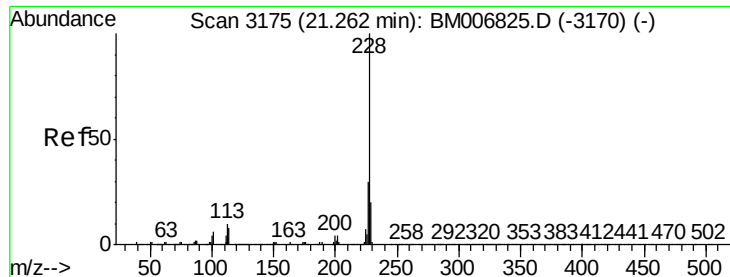
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#32
 Benzo(a)anthracene
 Concen: 2.47 ng/ul
 RT: 21.20 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BM006829.D
 Acq: 01 Aug 2016 17:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	16.6	25.0
226	29.6	21.0	31.4





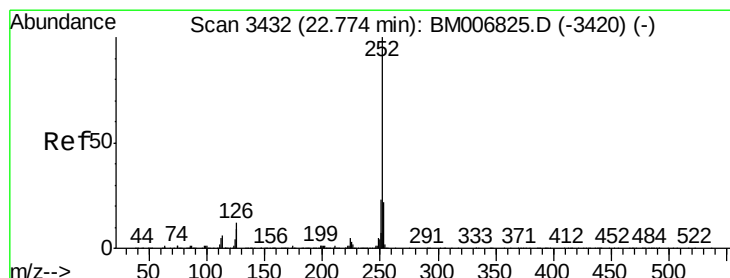
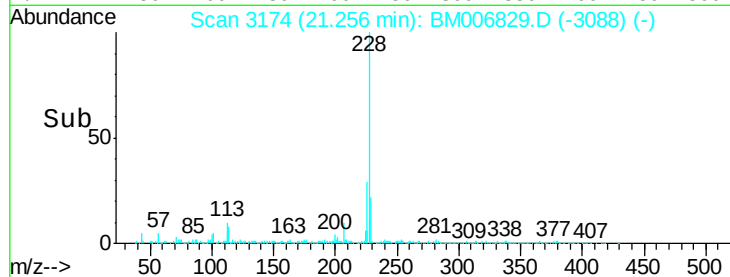
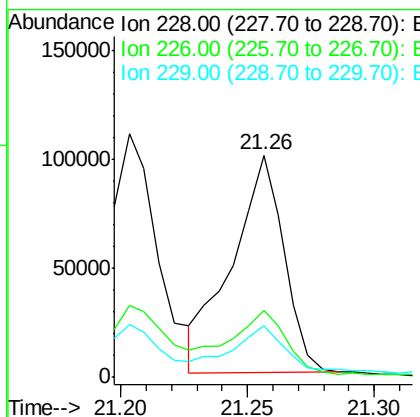
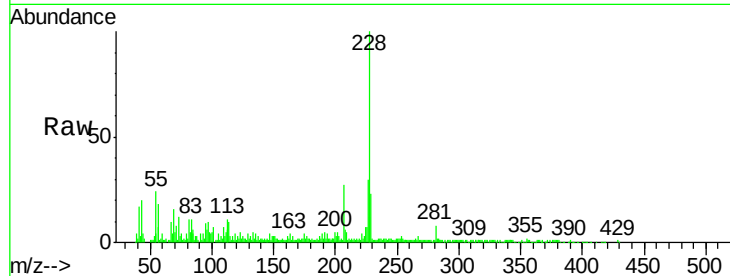
#33
Chrysene
Concen: 2.54 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006829.D
Acq: 01 Aug 2016 17:50

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	228	Resp:	142306
Ion Ratio		Lower	Upper
228	100		
226	30.0	23.4	35.2
229	23.3	16.2	24.2

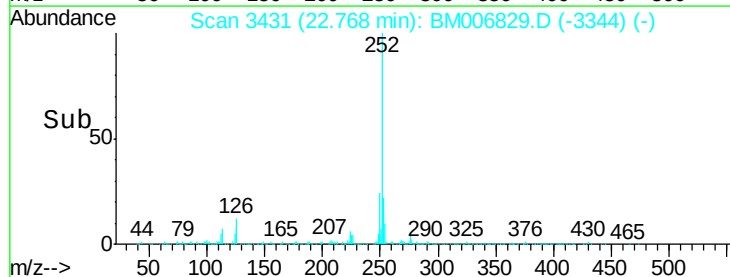
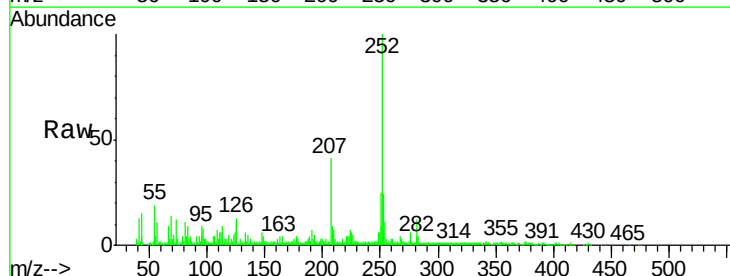
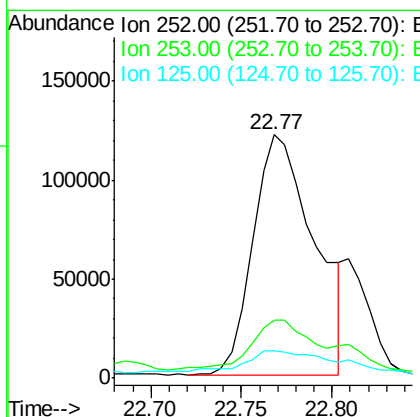
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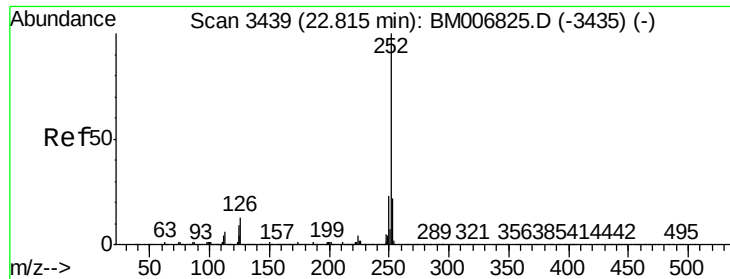
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#35
Benzo(b)fluoranthene
Concen: 4.52 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006829.D
Acq: 01 Aug 2016 17:50

Tgt Ion:	252	Resp:	285267
Ion Ratio		Lower	Upper
252	100		
253	24.1	18.1	27.1
125	11.0	7.6	11.4





#36

Benzo(k)fluoranthene

Concen: 1.03 ng/ul m

RT: 22.81 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BM006829.D

Acq: 01 Aug 2016 17:50

Instrument :

BNA_M

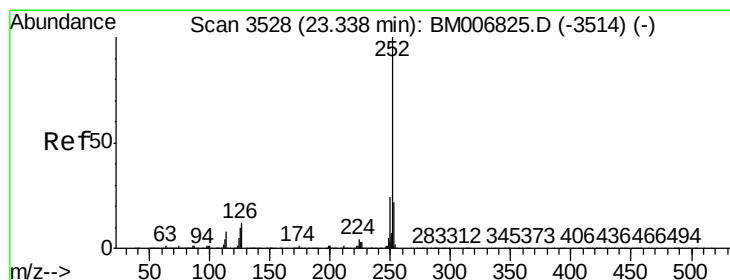
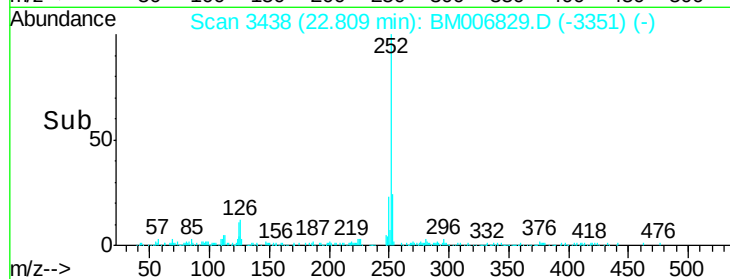
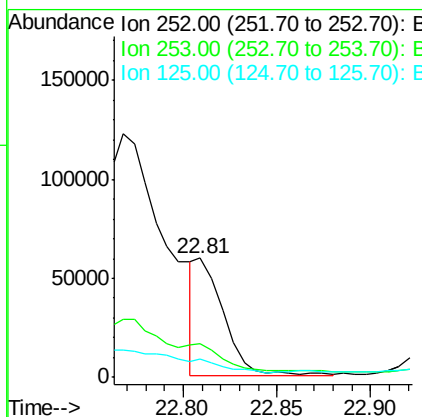
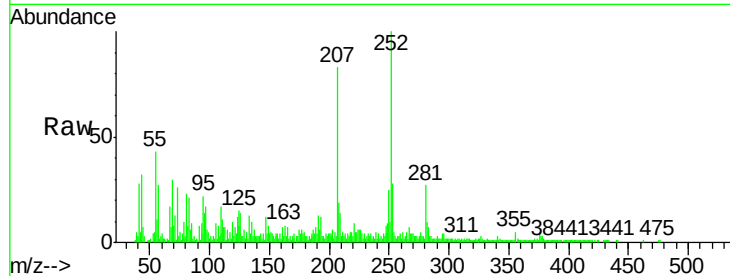
ClientSampleId :

D9ZM7

Tgt Ion:	252	Resp:	63060
Ion Ratio	Lower	Upper	
252	100		
253	28.0	17.8	26.8#
125	15.2	7.7	11.5#

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#38

Benzo(a)pyrene

Concen: 2.37 ng/ul

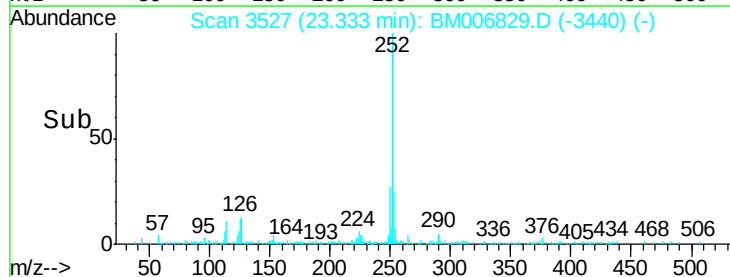
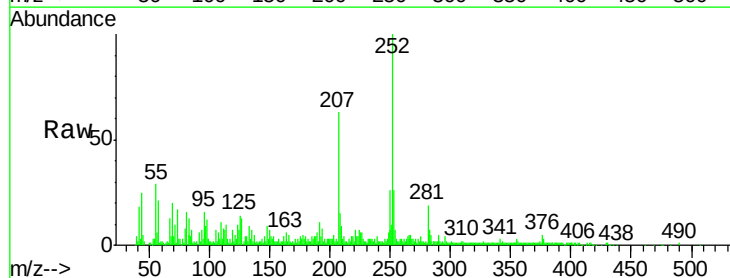
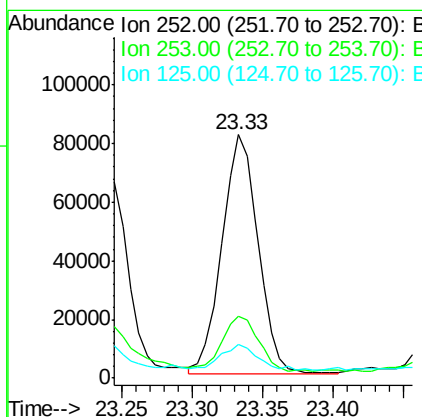
RT: 23.33 min Scan# 3527

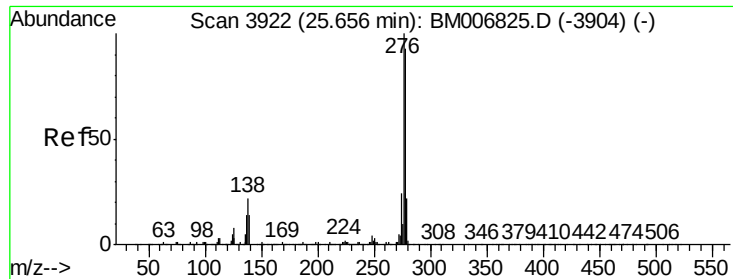
Delta R.T. 0.01 min

Lab File: BM006829.D

Acq: 01 Aug 2016 17:50

Tgt Ion:	252	Resp:	145349
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.0
125	13.9	8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.55 ng/ul

RT: 25.64 min Scan# 3919

Delta R.T. 0.02 min

Lab File: BM006829.D

Acq: 01 Aug 2016 17:50

Instrument :

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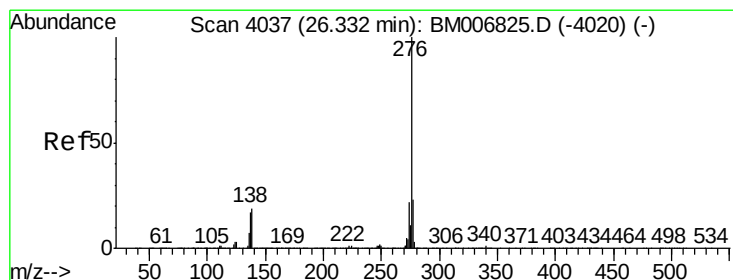
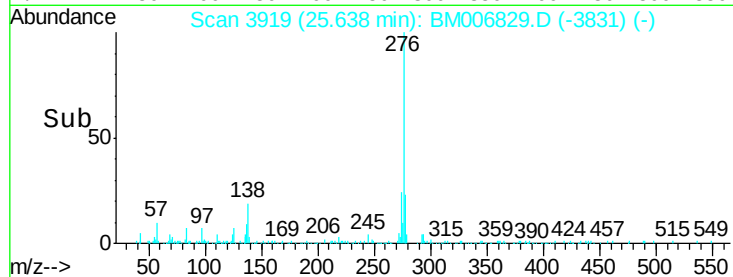
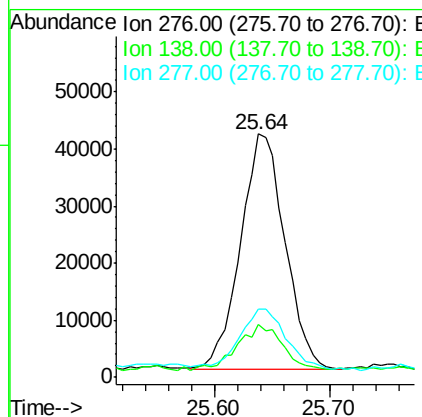
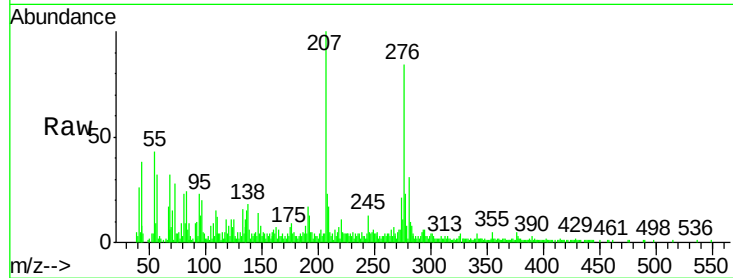
ClientSampleId :

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Tgt Ion:	276	Resp:	110351
Ion Ratio		Lower	Upper
276	100		
138	21.7	15.8	23.6
277	27.9	19.0	28.6

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#41

Benzo(g,h,i)perylene

Concen: 1.70 ng/ul

RT: 26.33 min Scan# 4036

Delta R.T. 0.04 min

Lab File: BM006829.D

Acq: 01 Aug 2016 17:50

Tgt Ion:	276	Resp:	103445
Ion Ratio		Lower	Upper
276	100		
138	21.6	13.9	20.9#
277	25.5	19.8	29.6

