

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007068.D
 Acq On : 13 Aug 2016 14:22
 Operator : UM/SJ
 Sample : H4389-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-0002-01

Manual Integrations
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Quant Time: Aug 15 10:57:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	273298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1068828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	616020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1447263	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1771939	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1805566	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26901	4.30	ng/uL	0.00
5) Phenol-d5	6.97	99	590978	26.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	345437	27.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	482529	27.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	461985	25.36	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	230097	29.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	260712	31.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	498690	28.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	355018	17.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1520146	29.86	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1867111	30.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	236609	25.94	ng/ul	0.00
57) Fluorene-d10	15.43	176	1327782	29.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	213116	26.65	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2064339	30.79	ng/ul	0.00
76) Pyrene-d10	19.57	212	2389368	31.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2563991	31.05	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.90	163	1171171	23.02	ng/ul	99
69) Phenanthrene	17.23	178	285644	3.67	ng/ul	99
74) Fluoranthene	19.24	202	708726	7.51	ng/ul	98
77) Pyrene	19.60	202	666652	6.80	ng/ul	98
80) Benzo(a)anthracene	21.35	228	302153	2.89	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.29	149	137963	2.45	ng/ul	99
82) Chrysene	21.40	228	379891	3.97	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	454823	4.18	ng/ul#	86
86) Benzo(k)fluoranthene	23.00	252	175162m	1.71	ng/ul	
88) Benzo(a)pyrene	23.54	252	332287	3.22	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.94	276	249128	1.97	ng/ul	96
91) Benzo(g,h,i)perylene	26.64	276	231387	2.17	ng/ul	99

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

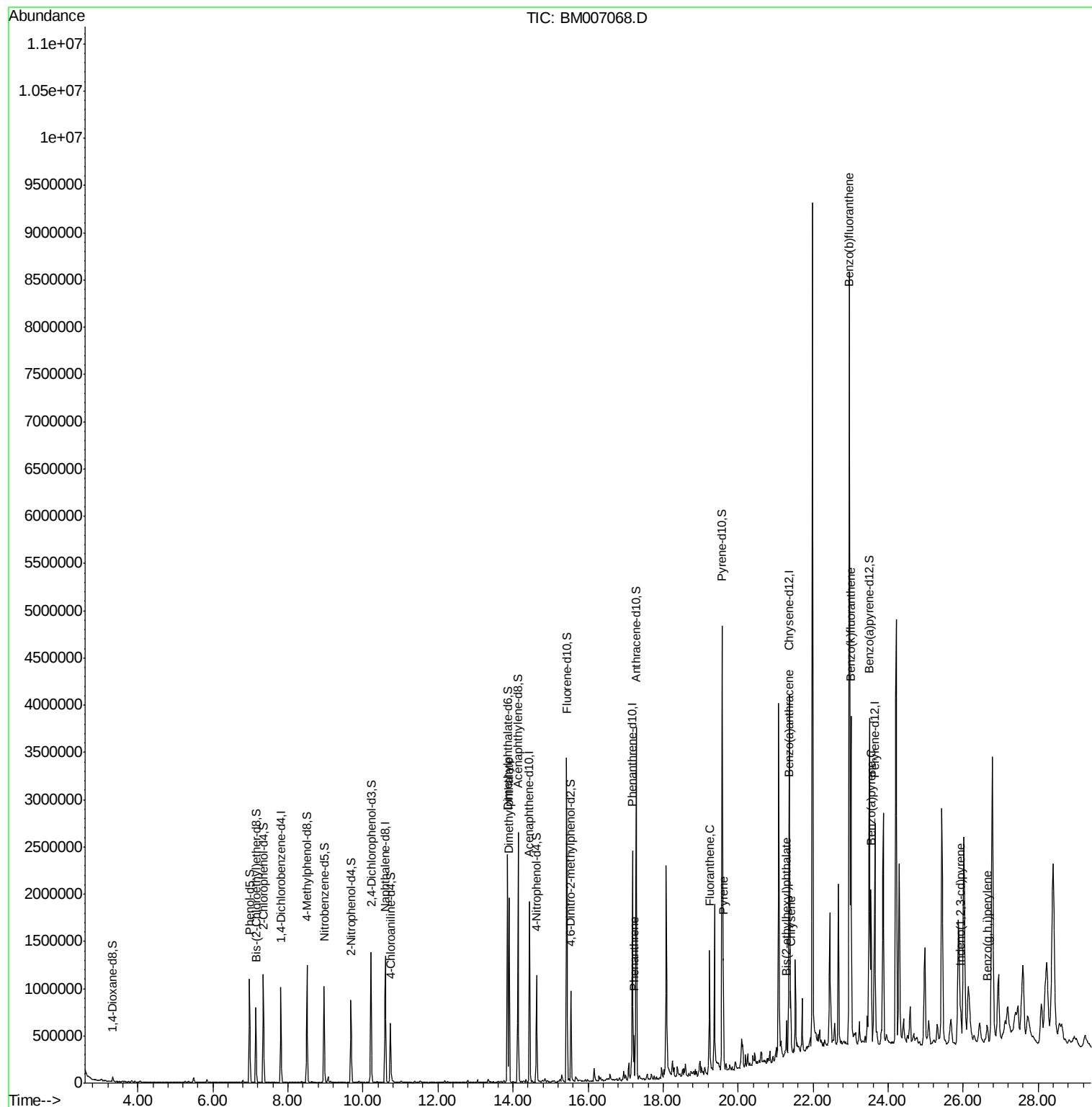
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
Sample : H4389-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

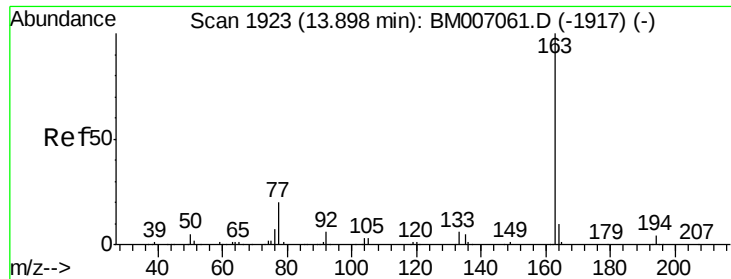
Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0002-01

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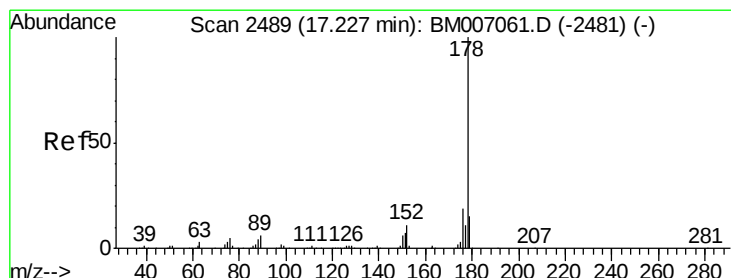
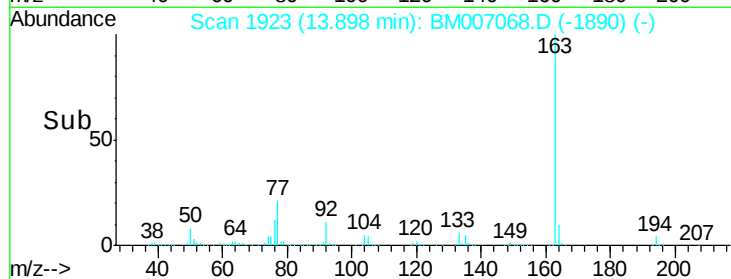
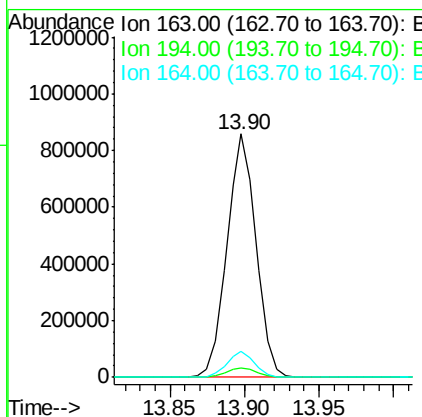
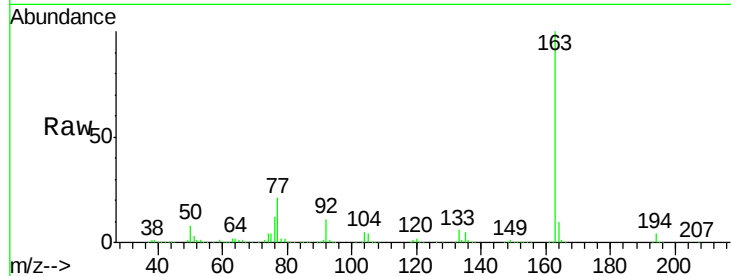
#44
Dimethylphthalate
Concen: 23.02 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007068.D
Acq: 13 Aug 2016 14:22

Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0002-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	7.8	11.8

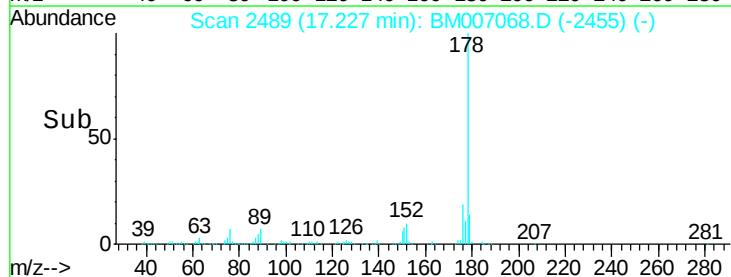
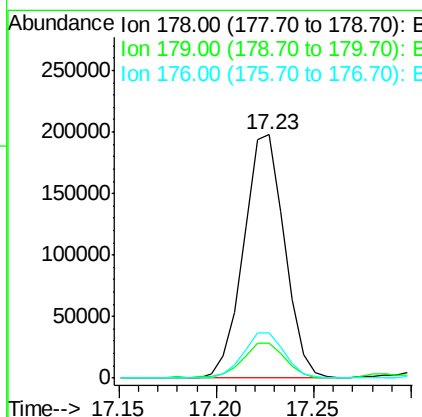
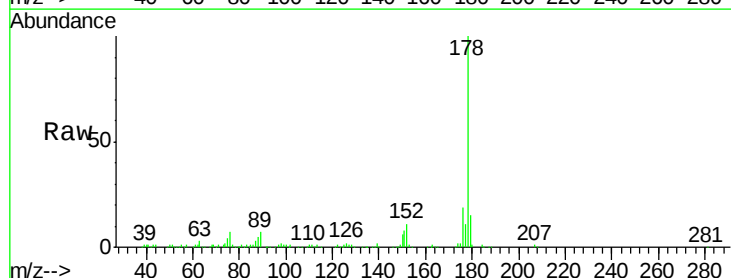
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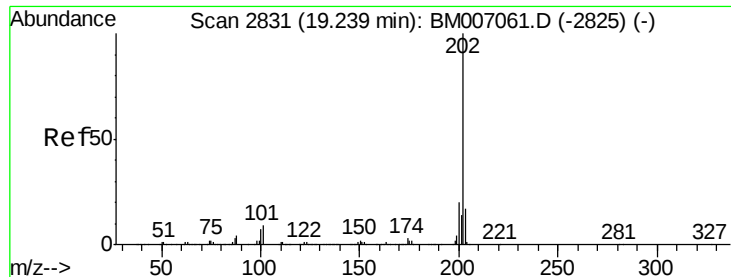
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#69
Phenanthrene
Concen: 3.67 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM007068.D
Acq: 13 Aug 2016 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.2	18.2
176	18.8	15.1	22.7





#74

Fluoranthene

Concen: 7.51 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

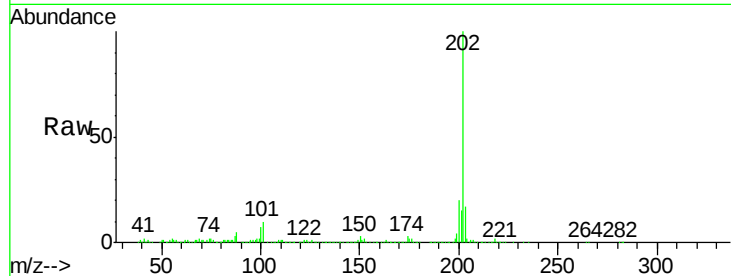
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PR002-SS006-0002-01

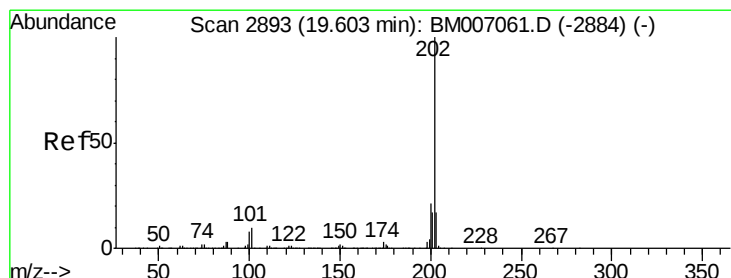
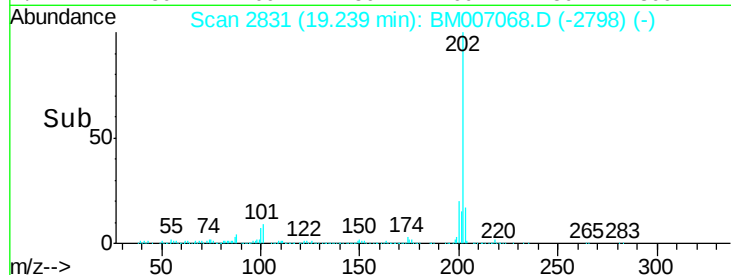
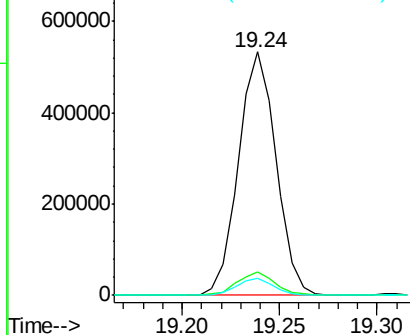
Tgt Ion:	202	Resp:	708726
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.9	10.3
100	6.8	5.4	8.0

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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



#77

Pyrene

Concen: 6.80 ng/ul

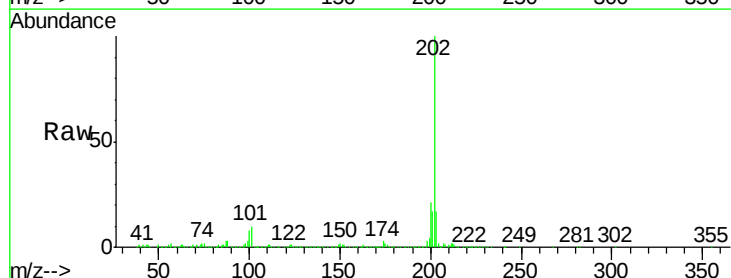
RT: 19.60 min Scan# 2893

Delta R.T. -0.01 min

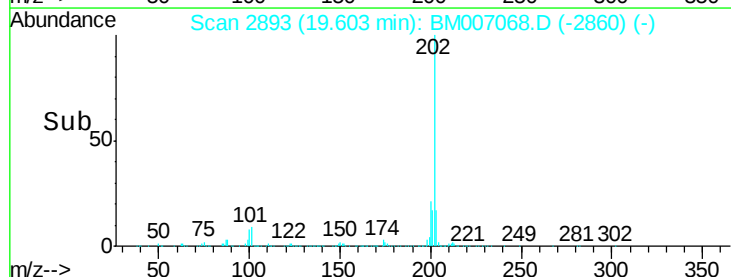
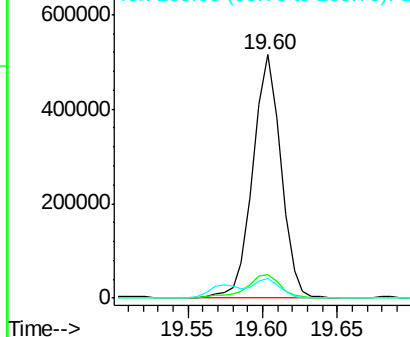
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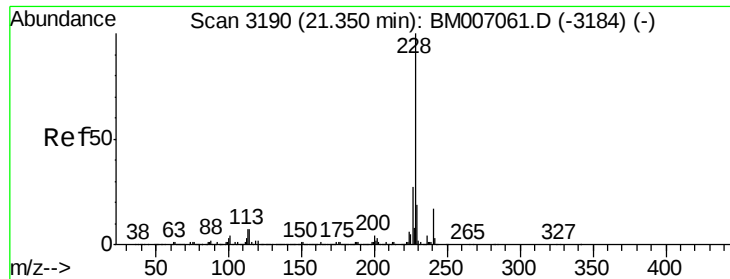
Acq: 13 Aug 2016 14:22

Tgt Ion:	202	Resp:	666652
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.4	12.6
100	7.9	6.9	10.3



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





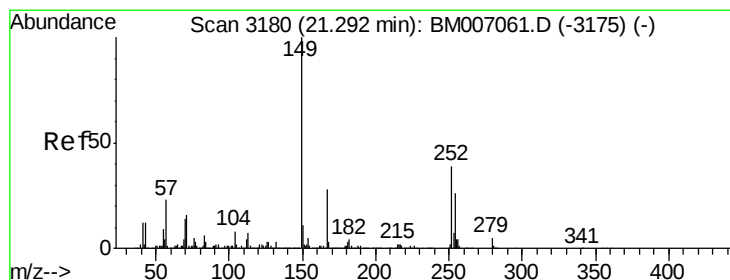
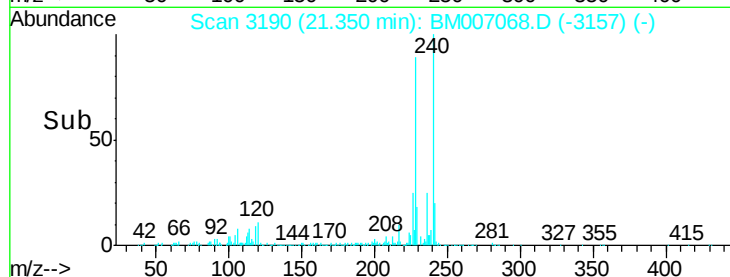
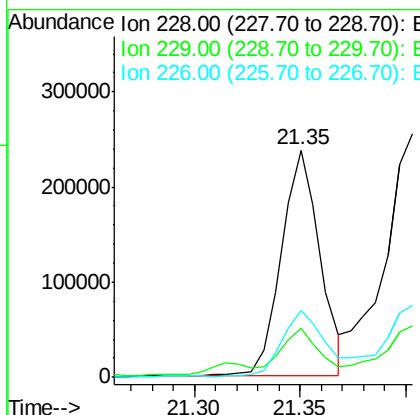
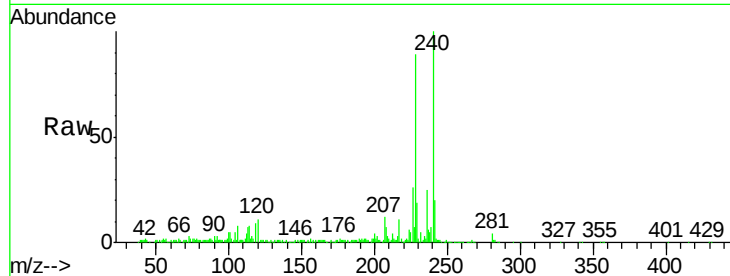
#80
Benzo(a)anthracene
Concen: 2.89 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.01 min
Lab File: BM007068.D
Acq: 13 Aug 2016 14:22

Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	302153		
229	21.8	15.6	23.4	
226	29.4	21.8	32.8	

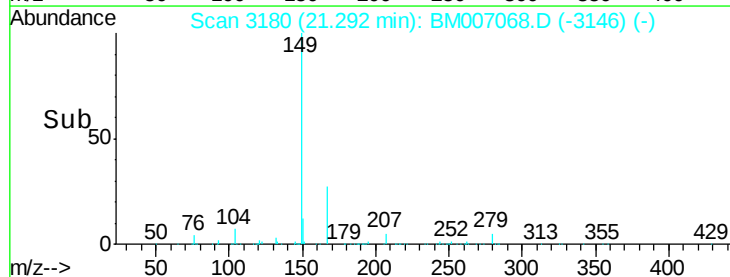
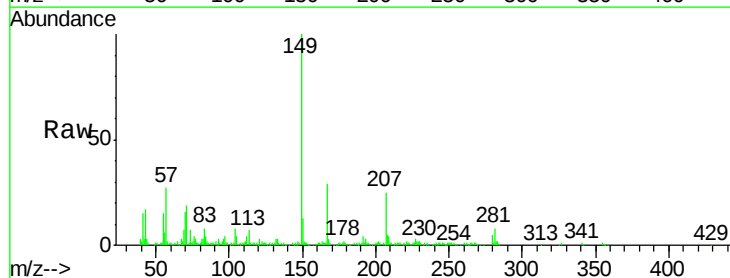
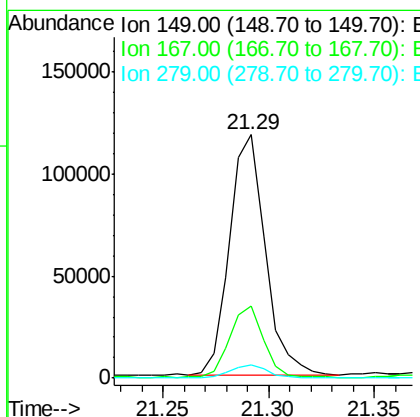
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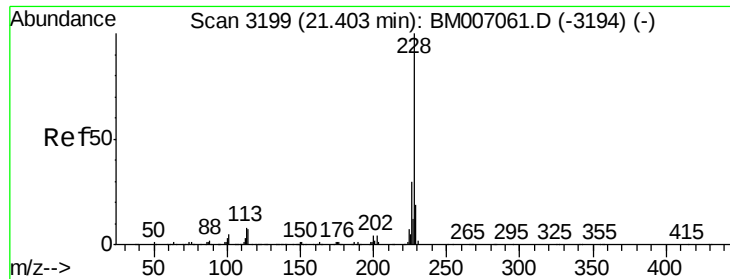
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.45 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BM007068.D
Acq: 13 Aug 2016 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	137963		
167	29.5	23.2	34.8	
279	5.3	4.1	6.1	





#82

Chrysene

Concen: 3.97 ng/ul

RT: 21.40 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

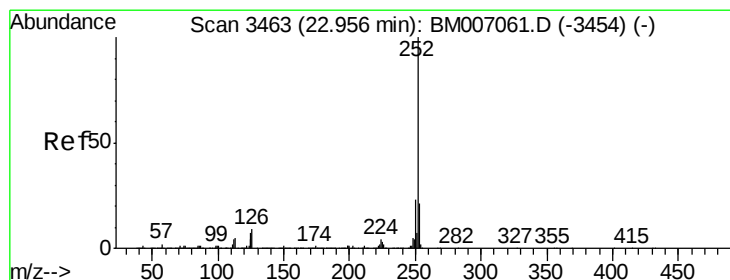
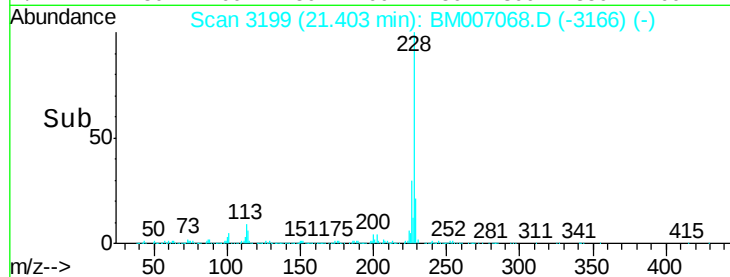
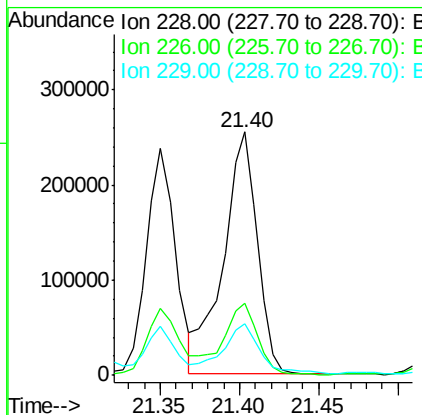
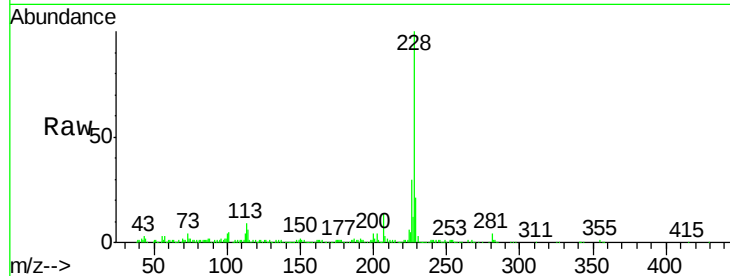
ClientSampleId :

PR002-SS006-0002-01

Tgt Ion:	228	Resp:	379891
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.2
229	21.1	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 4.18 ng/ul

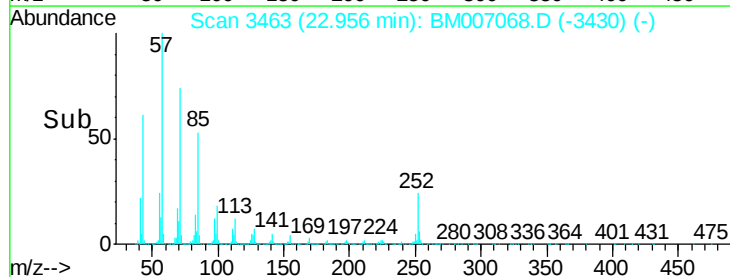
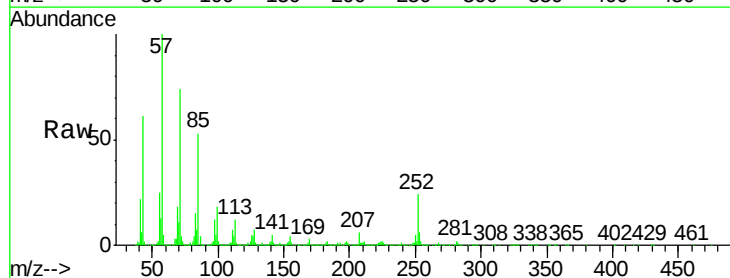
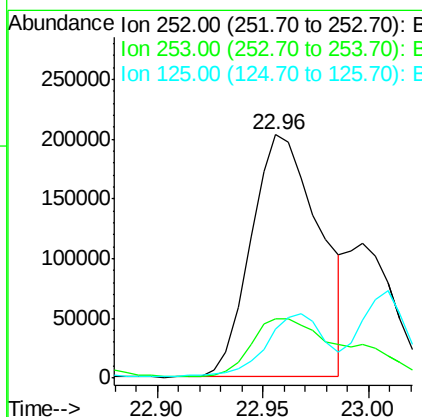
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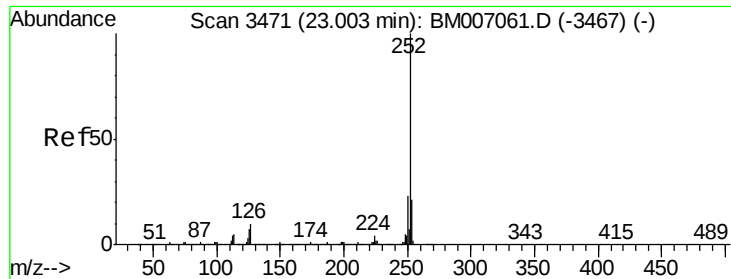
Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Tgt Ion:	252	Resp:	454823
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	20.0	5.8	8.8#





#86

Benzo(k)fluoranthene

Concen: 1.71 ng/ul m

RT: 23.00 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

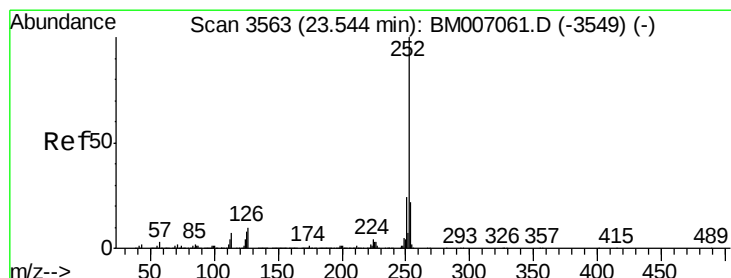
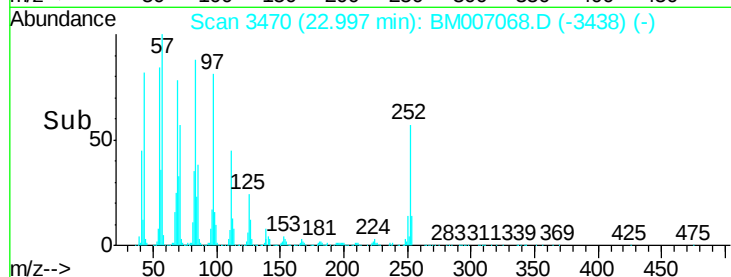
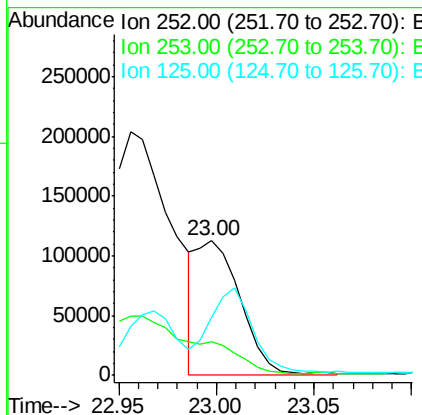
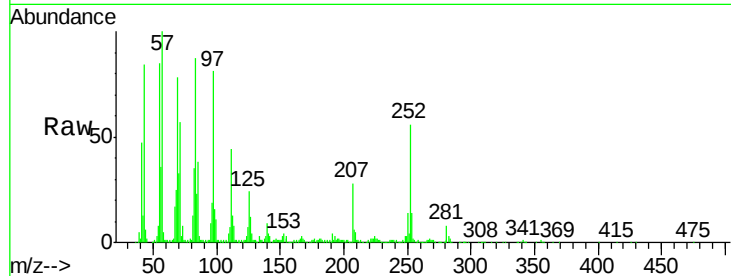
ClientSampleId :

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Tgt Ion:	252	Resp:	175162
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.6	26.4
125	43.1	5.7	8.5#

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#88

Benzo(a)pyrene

Concen: 3.22 ng/ul

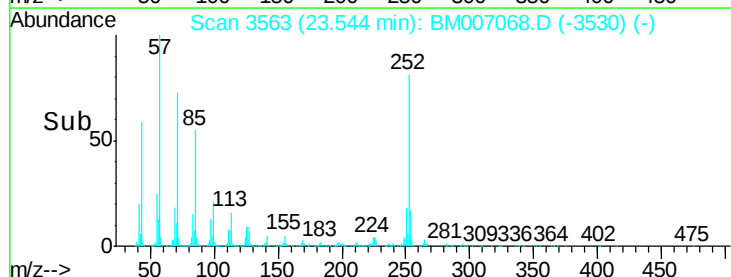
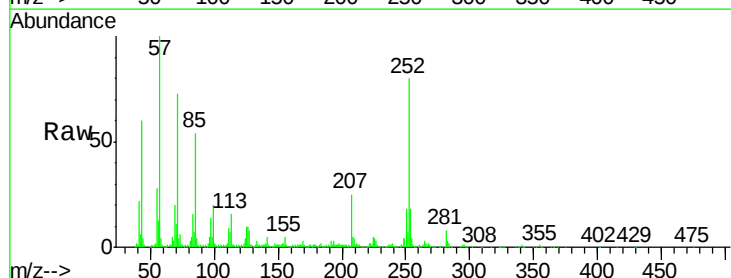
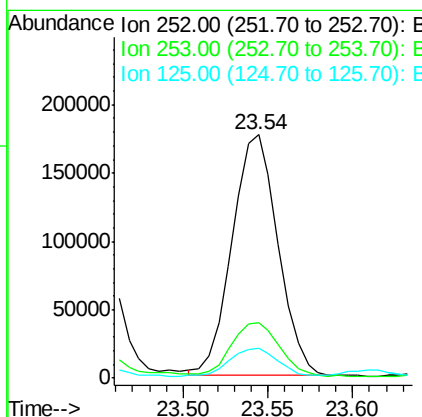
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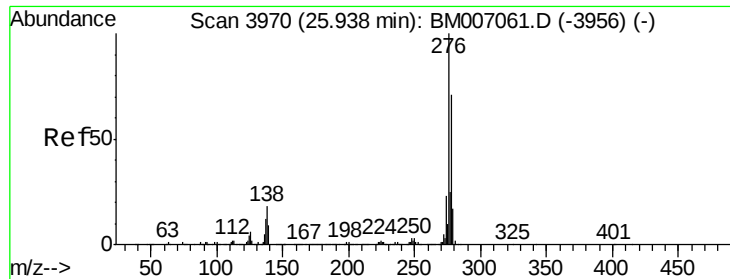
Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Tgt Ion:	252	Resp:	332287
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	12.0	6.6	9.8#





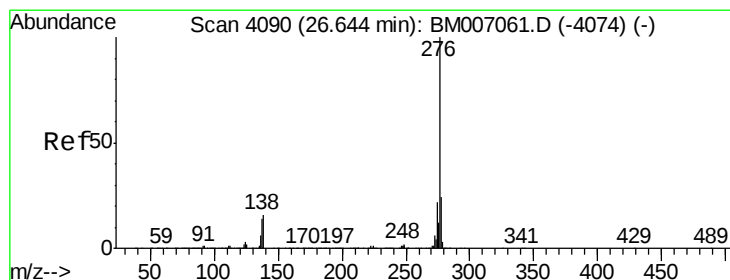
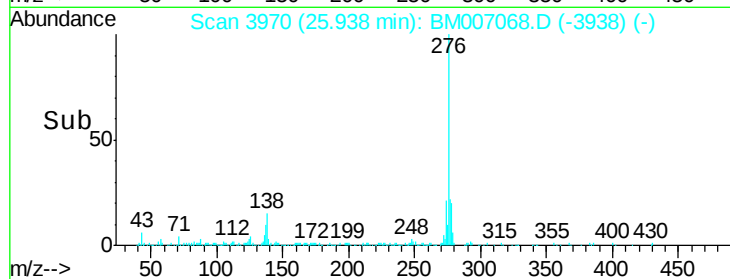
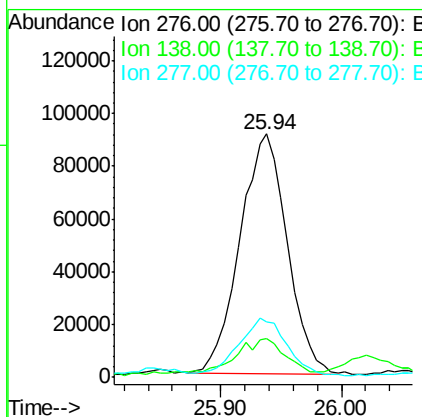
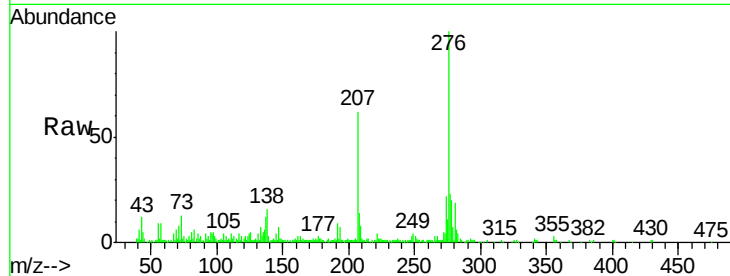
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.97 ng/ul
 RT: 25.94 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: BM007068.D
 Acq: 13 Aug 2016 14:22

Instrument :
 BNA_M
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 PR002-SS006-0002-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.9	20.9
277	22.9	20.1	30.1

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#91
 Benzo(g,h,i)perylene
 Concen: 2.17 ng/ul
 RT: 26.64 min Scan# 4089
 Delta R.T. -0.02 min
 Lab File: BM007068.D
 Acq: 13 Aug 2016 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.5	20.3
277	23.9	19.3	28.9

