

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007042.D
 Acq On : 12 Aug 2016 14:11
 Operator : UM/SJ
 Sample : H4387-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS001-0002-01

Manual Integrations
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 8/15/2016 6:53:44 PM

Quant Time: Aug 12 18:49:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:51:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	237665	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1001117	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	608477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1383164	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1572895	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1698873	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	29583	5.44	ng/uL	0.00
5) Phenol-d5	6.97	99	580448	30.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	350923	31.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	481637	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	402905	25.43	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	231997	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	255372	32.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	490022	30.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	516201	26.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1438900	28.62	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1824803	30.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	212400	23.57	ng/ul	0.00
57) Fluorene-d10	15.44	176	1271661	28.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	151868	19.87	ng/ul	0.00
70) Anthracene-d10	17.29	188	1928211	30.09	ng/ul	0.00
76) Pyrene-d10	19.58	212	2180503	32.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2326051	29.93	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.00	94	34213	1.69	ng/ul	96
44) Dimethylphthalate	13.90	163	1227026	24.42	ng/ul	99
47) Acenaphthylene	14.17	152	172351	2.77	ng/ul	99
58) Fluorene	15.49	166	49370	1.02	ng/ul	96
69) Phenanthrene	17.23	178	807613	10.86	ng/ul	99
71) Anthracene	17.32	178	159791	2.09	ng/ul	98
74) Fluoranthene	19.24	202	1333724	14.78	ng/ul	99
77) Pyrene	19.61	202	1788094	20.56	ng/ul	100
80) Benzo(a)anthracene	21.36	228	814894	8.77	ng/ul	92
82) Chrysene	21.41	228	929728	10.95	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	993225	9.70	ng/ul	96
86) Benzo(k)fluoranthene	23.00	252	290723m	3.03	ng/ul	
88) Benzo(a)pyrene	23.55	252	794191	8.19	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	503190	4.23	ng/ul	97
90) Dibenzo(a,h)anthracene	25.95	278	137106	1.37	ng/ul#	90
91) Benzo(g,h,i)perylene	26.65	276	476814	4.74	ng/ul	97

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

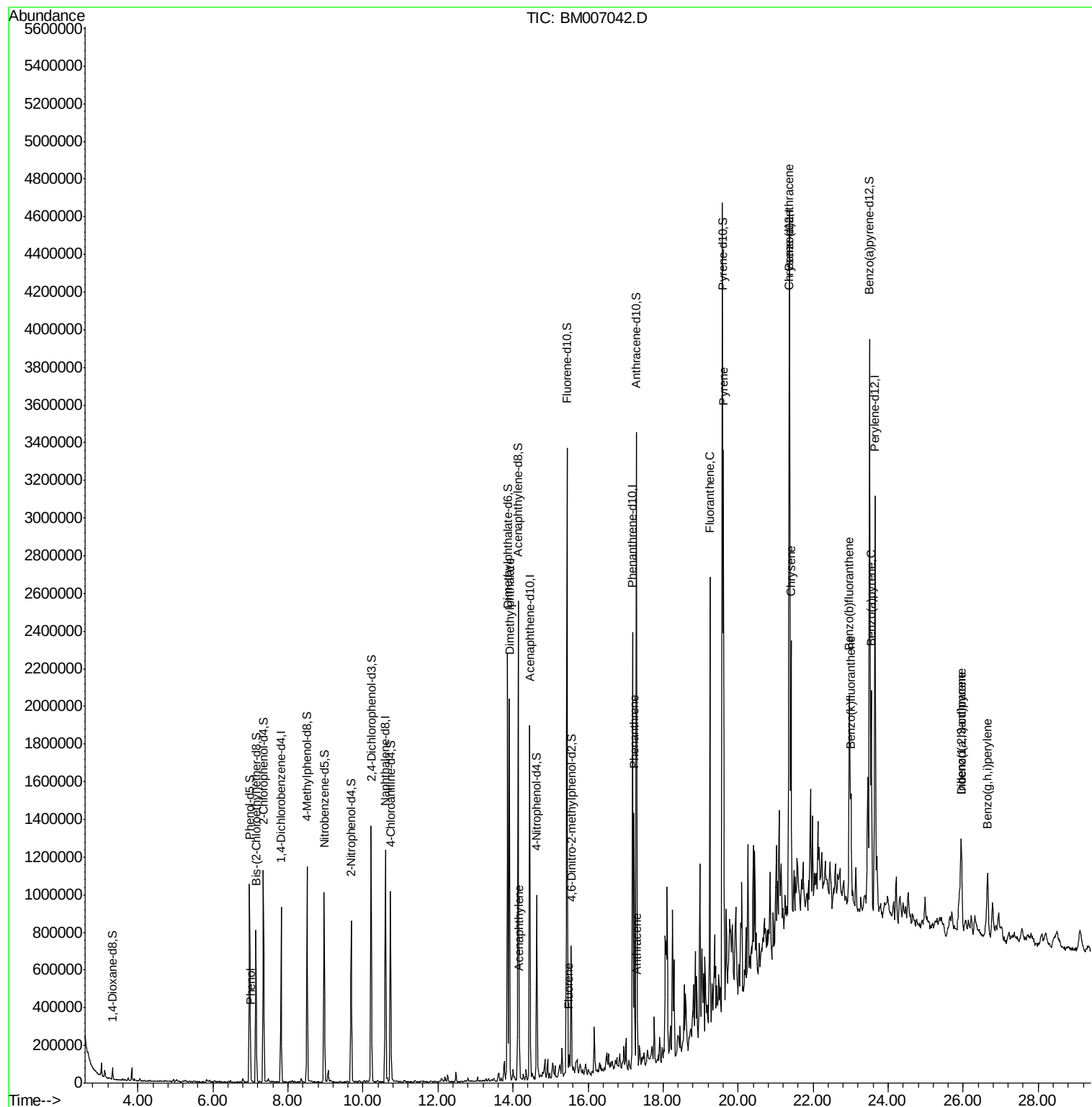
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

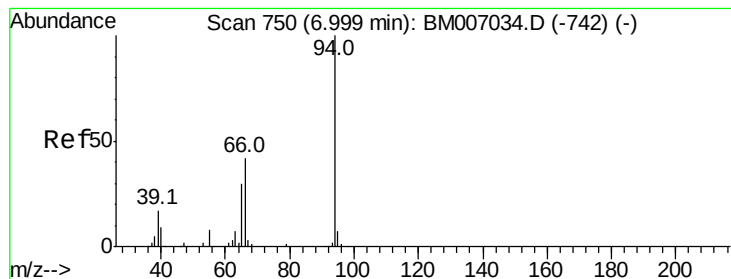
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 01:51:15 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.69 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Instrument :

BNA_M

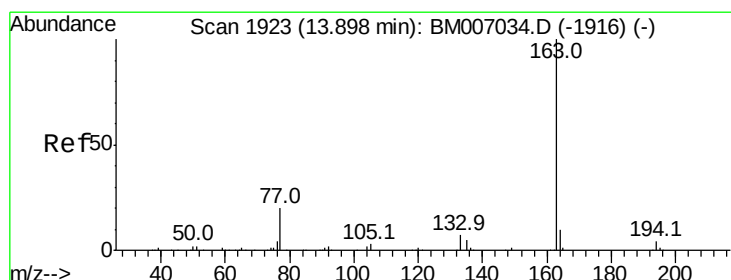
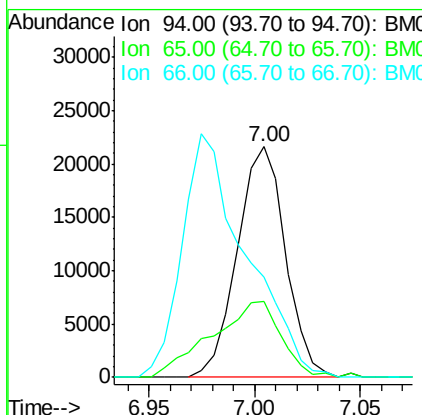
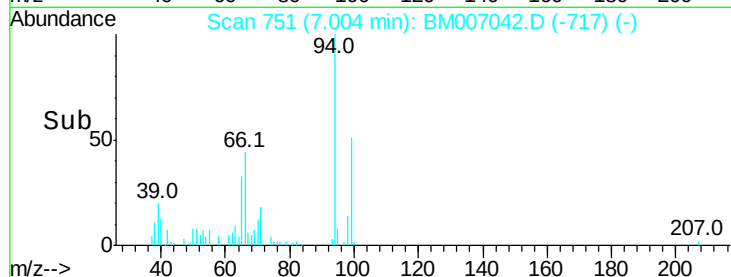
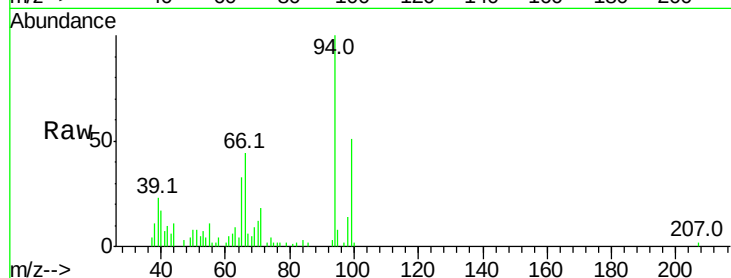
ClientSampleId :

PR002-SS001-0002-01

Tot Ion:	94	Resp:	34213
Ion Ratio	Lower	Upper	
94	100		
65	33.1	23.9	35.9
66	43.5	33.5	50.3

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#44

Dimethylphthalate

Concen: 24.42 ng/ul

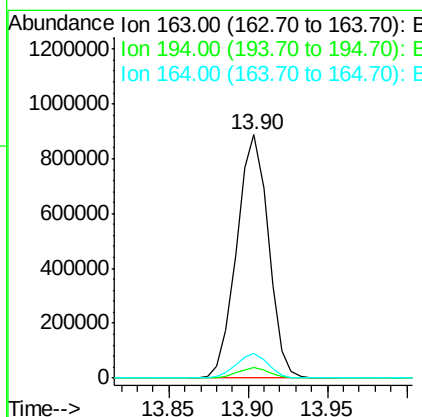
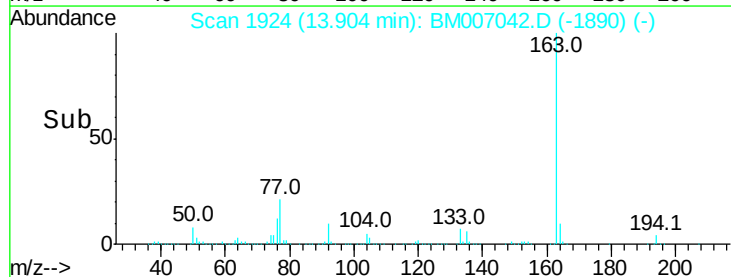
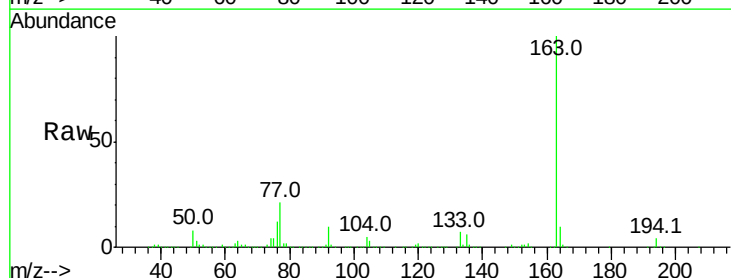
RT: 13.90 min Scan# 1924

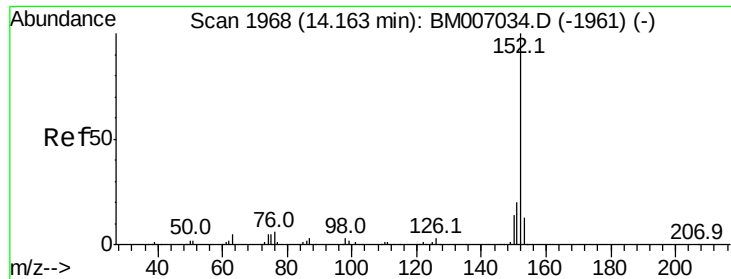
Delta R.T. -0.00 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Tgt Ion:	163	Resp:	1227026
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.0	7.8	11.8





#47

Acenaphthylene

Concen: 2.77 ng/ul

RT: 14.17 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Instrument :

BNA_M

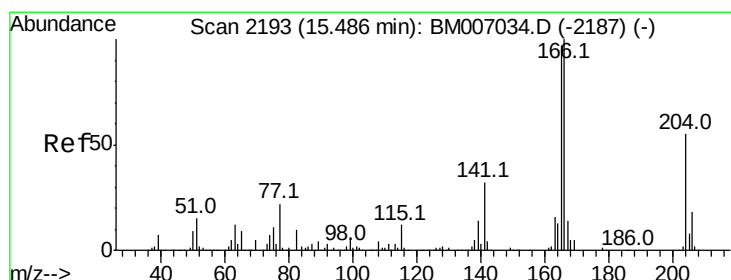
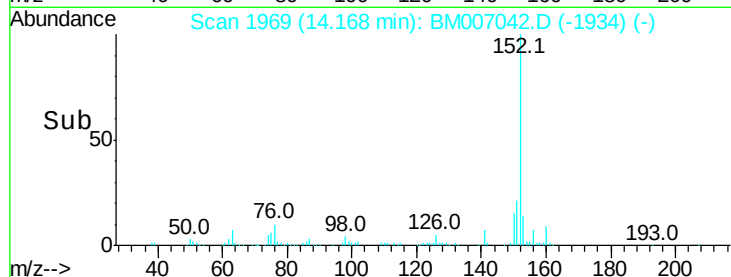
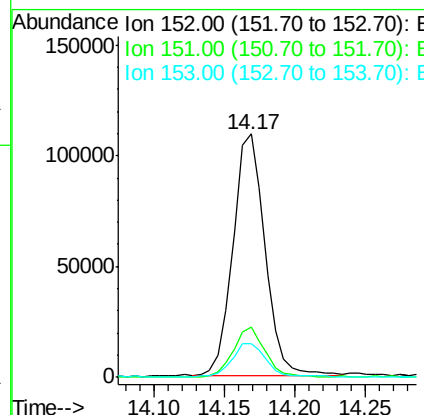
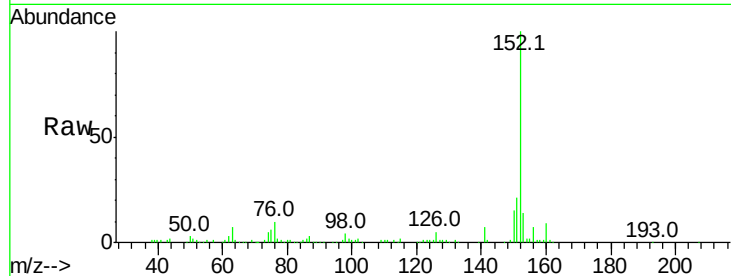
ClientSampleId :

PR002-SS001-0002-01

Tot Ion:	152	Resp:	172351
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.0	24.0
153	14.0	11.0	16.6

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#58

Fluorene

Concen: 1.02 ng/ul

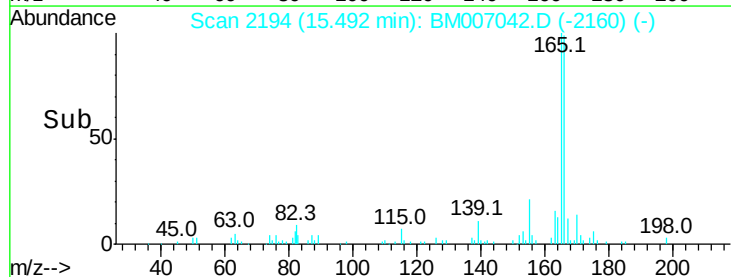
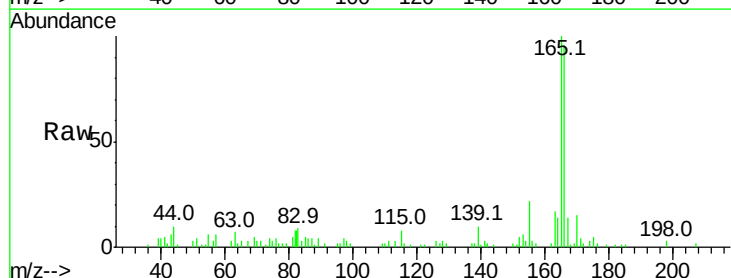
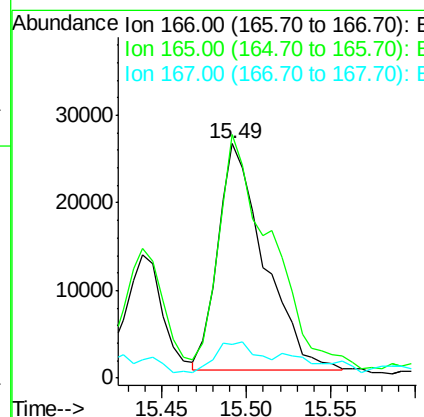
RT: 15.49 min Scan# 2194

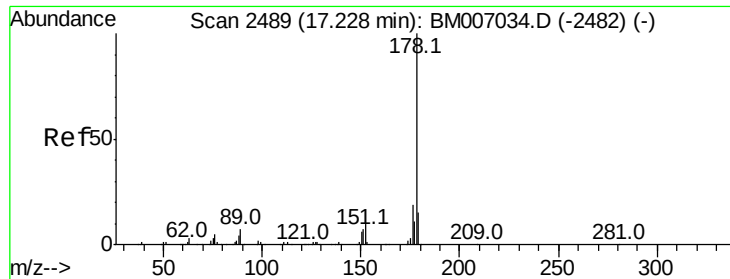
Delta R.T. -0.00 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Tgt Ion:	166	Resp:	49370
Ion Ratio	Lower	Upper	
166	100		
165	104.0	79.9	119.9
167	14.5	10.5	15.7





#69

Phenanthrene

Concen: 10.86 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Instrument :

BNA_M

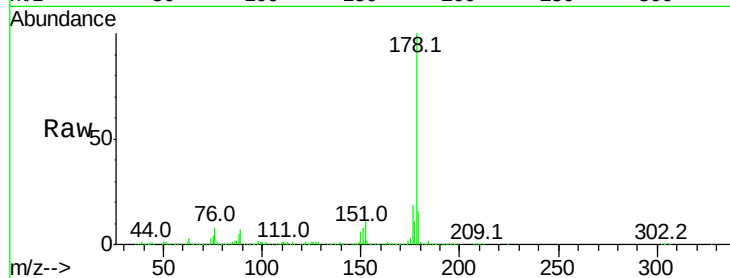
ClientSampleId :

PR002-SS001-0002-01

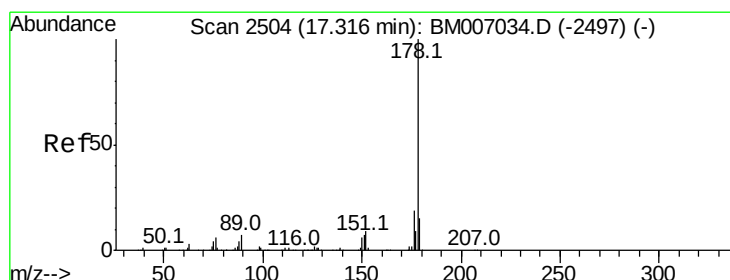
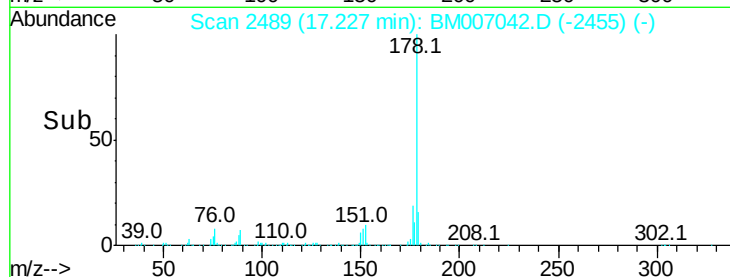
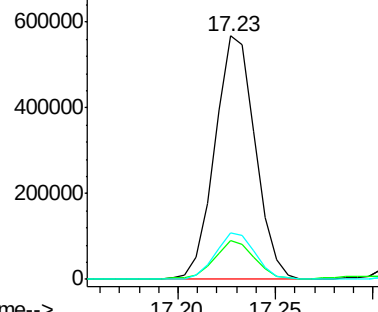
Tot Ion:	178	Resp:	807613
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	19.1	15.1	22.7

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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



#71

Anthracene

Concen: 2.09 ng/ul

RT: 17.32 min Scan# 2505

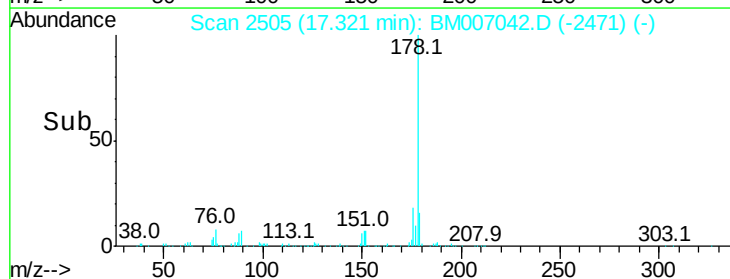
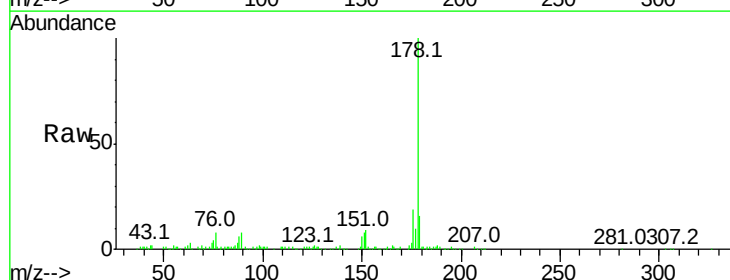
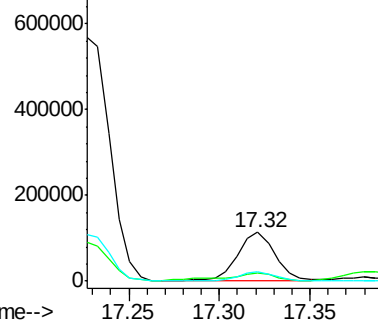
Delta R.T. -0.00 min

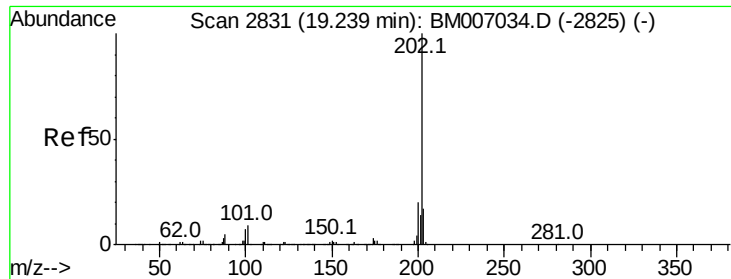
Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Tgt Ion:	178	Resp:	159791
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.1	18.1
176	18.6	14.5	21.7

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





#74

Fluoranthene

Concen: 14.78 ng/ul

RT: 19.24 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Instrument :

BNA_M

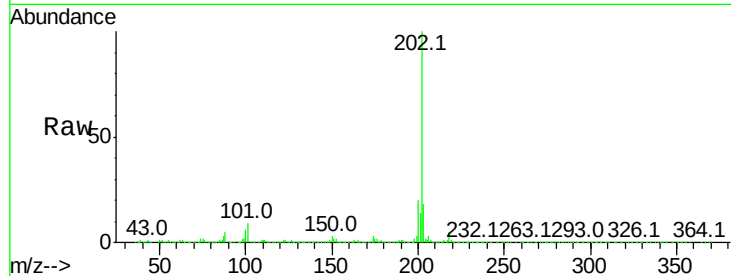
ClientSampleId :

PR002-SS001-0002-01

Tot Ion:	202	Resp:	1333724
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.9	10.3
100	6.4	5.4	8.0

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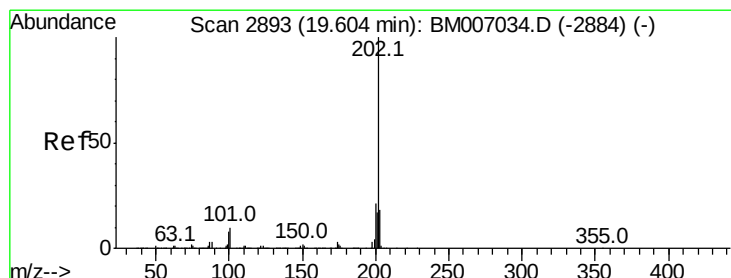
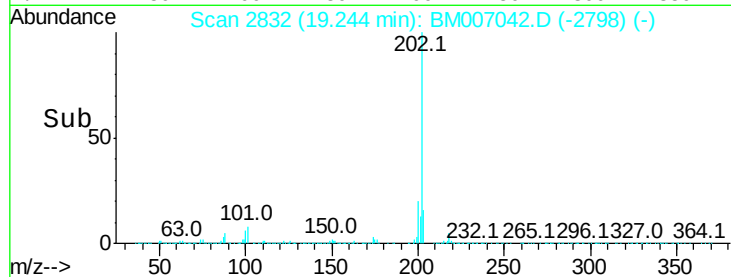
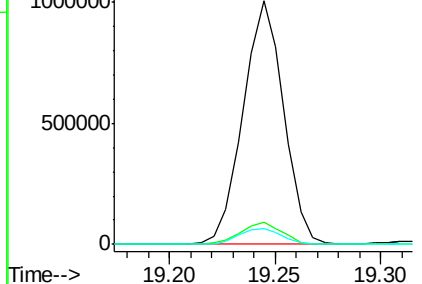
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.56 ng/ul

RT: 19.61 min Scan# 2894

Delta R.T. 0.01 min

Lab File: BM007042.D

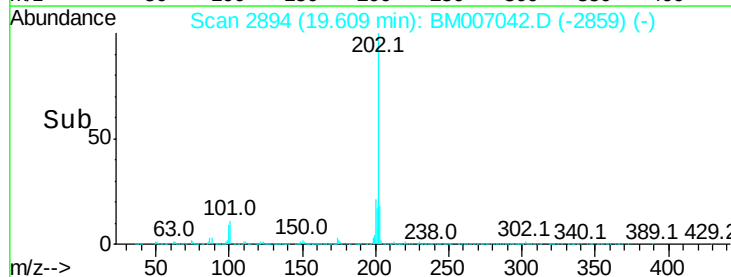
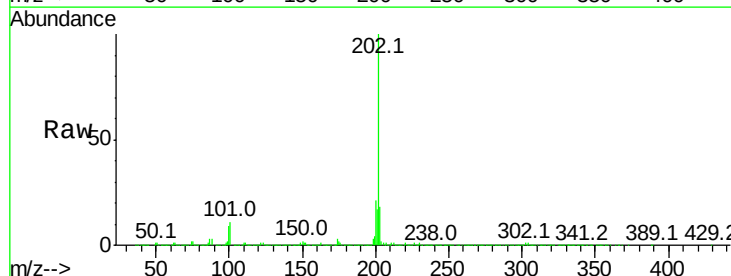
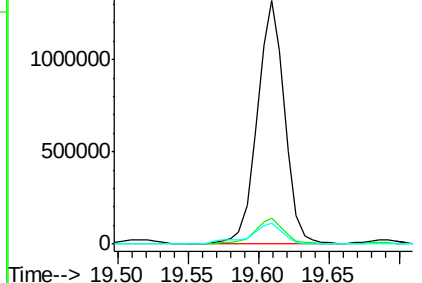
Acq: 12 Aug 2016 14:11

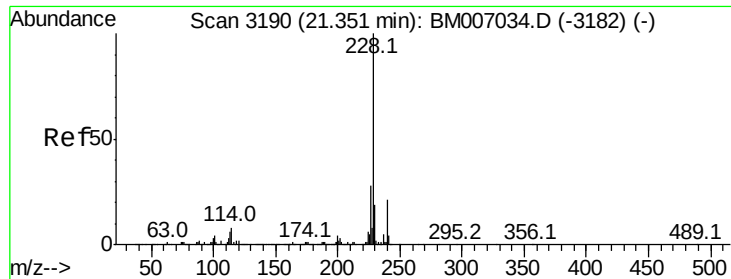
Tgt Ion:	202	Resp:	1788094
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.4	12.6
100	8.6	6.9	10.3

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





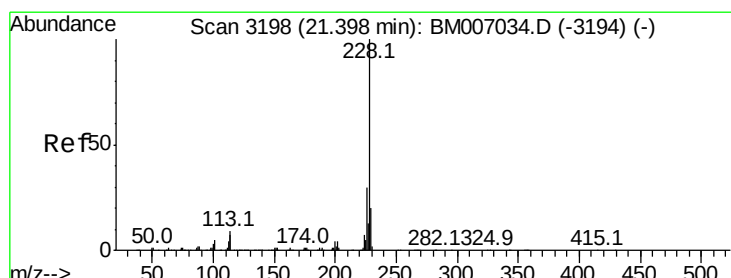
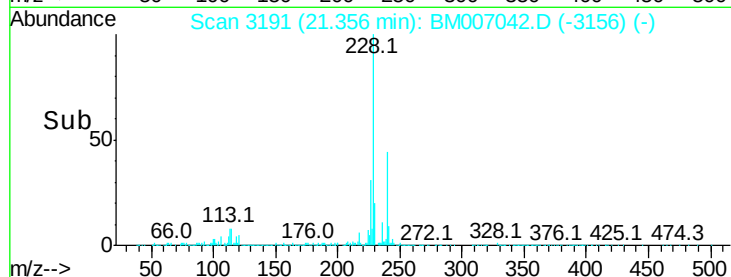
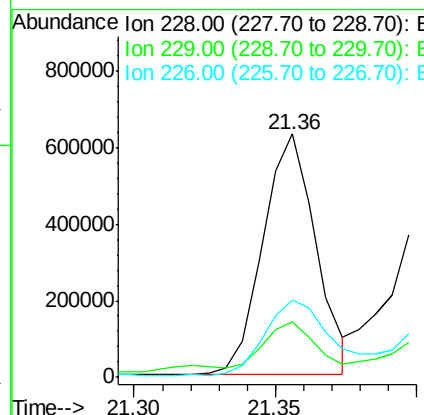
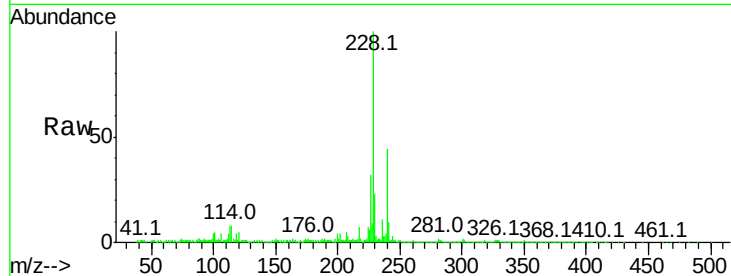
#80
Benzo(a)anthracene
Concen: 8.77 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BM007042.D
Acq: 12 Aug 2016 14:11

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0002-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.6	23.4
226	31.8	21.8	32.8

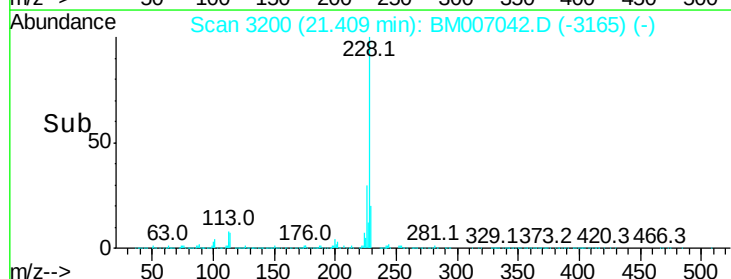
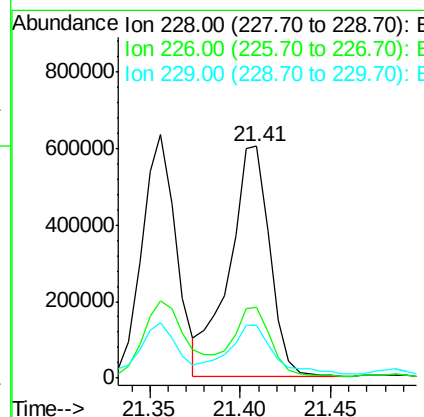
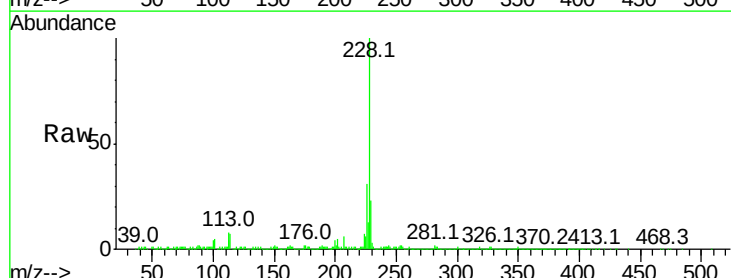
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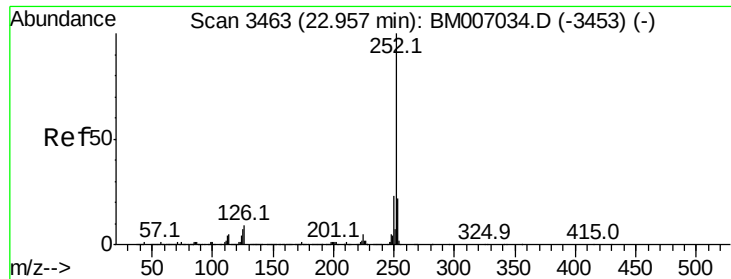
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#82
Chrysene
Concen: 10.95 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. 0.01 min
Lab File: BM007042.D
Acq: 12 Aug 2016 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.7	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 9.70 ng/ul

RT: 22.97 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Instrument :

BNA_M

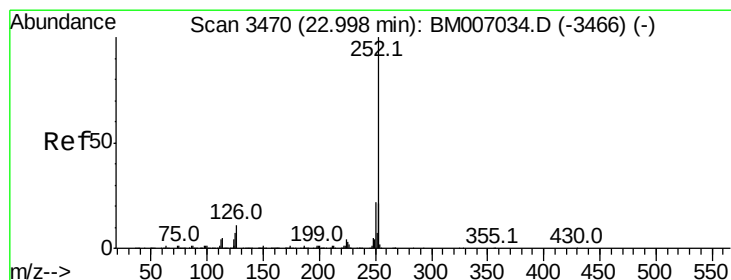
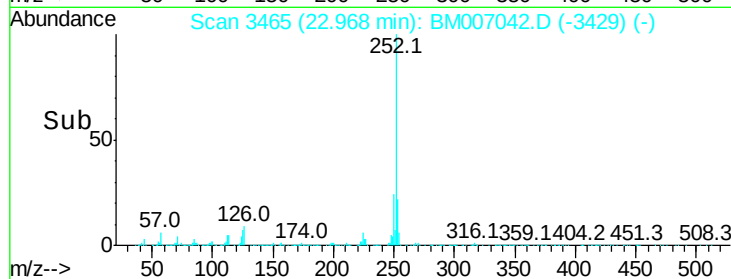
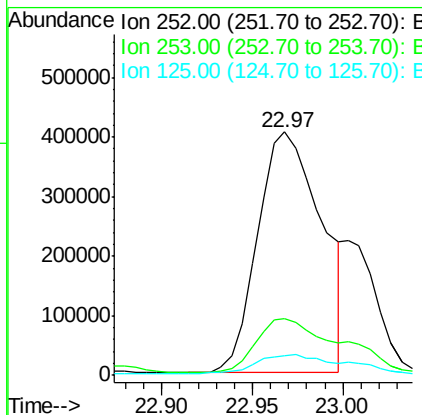
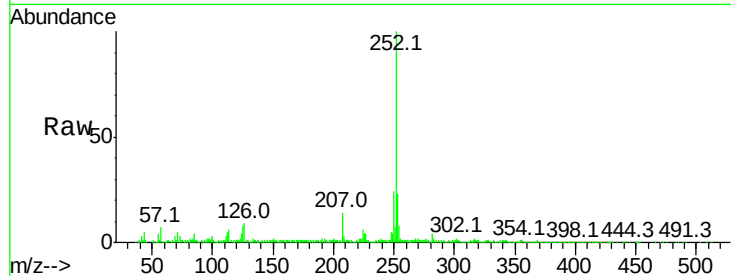
ClientSampleId :

PR002-SS001-0002-01

Tot Ion:	252	Resp:	993225
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	8.0	5.8	8.8

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#86

Benzo(k)fluoranthene

Concen: 3.03 ng/ul m

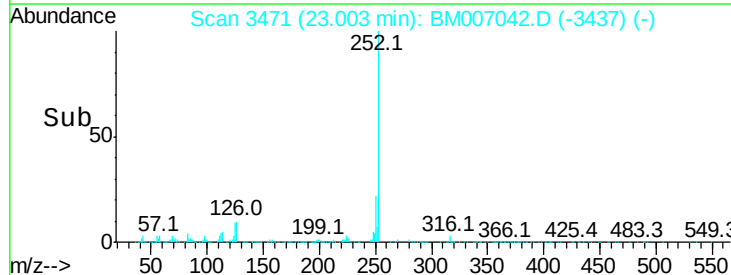
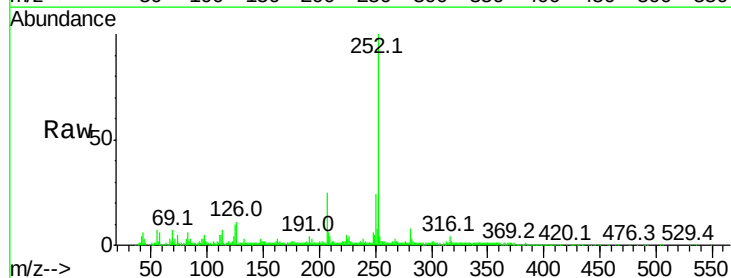
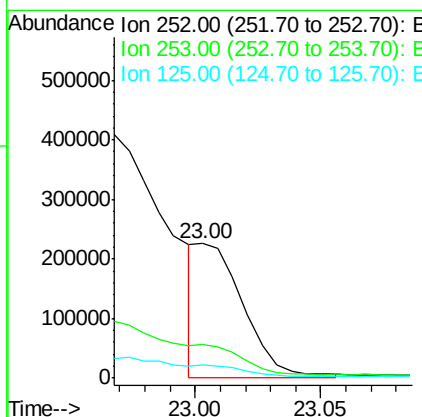
RT: 23.00 min Scan# 3471

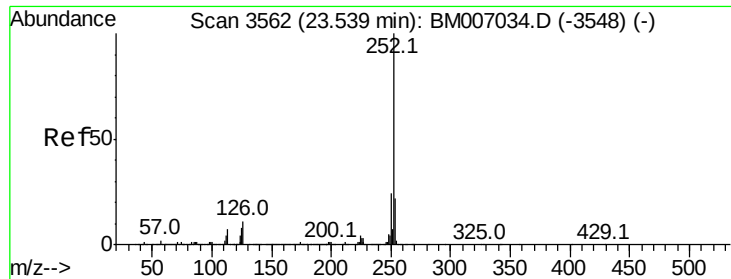
Delta R.T. -0.00 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Tgt Ion:	252	Resp:	290723
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.6	26.4
125	10.2	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 8.19 ng/ul

RT: 23.55 min Scan# 3564

Delta R.T. 0.01 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Instrument :

BNA_M

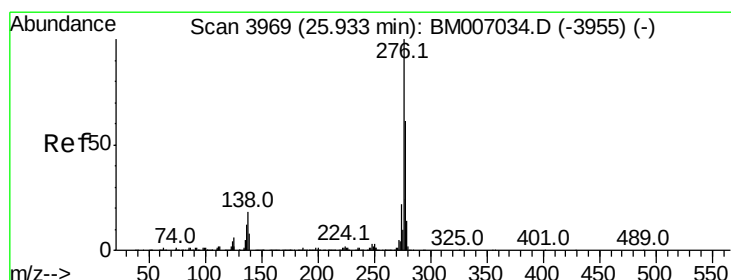
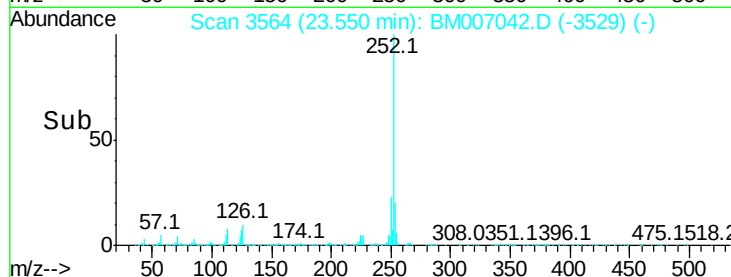
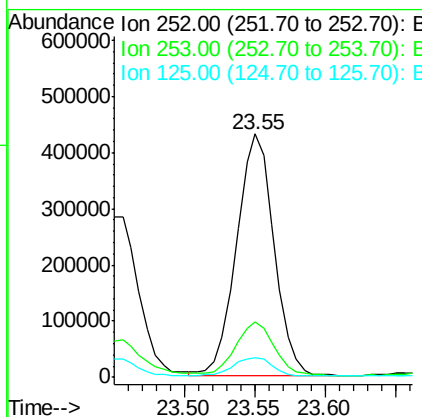
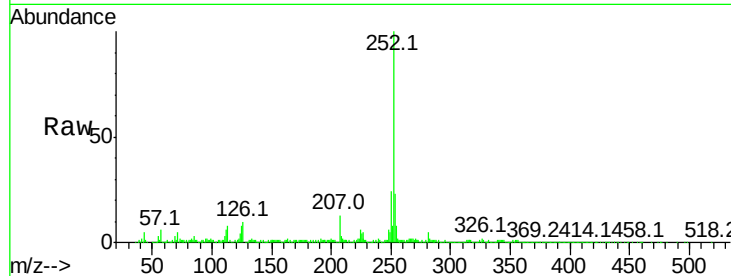
ClientSampleId :

PR002-SS001-0002-01

Tot Ion:	252	Resp:	794191
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	8.0	6.6	9.8

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.23 ng/ul

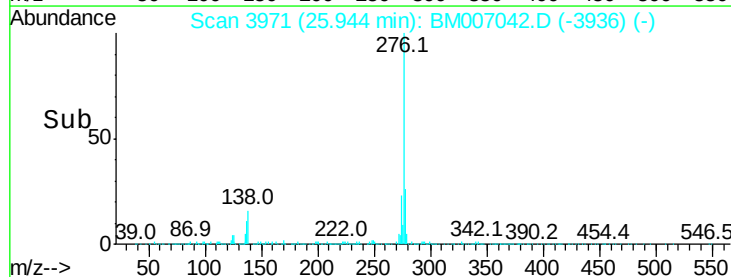
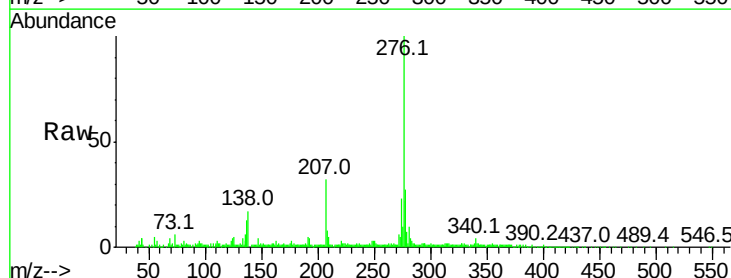
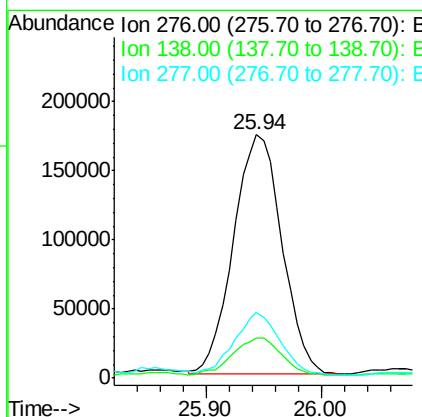
RT: 25.94 min Scan# 3971

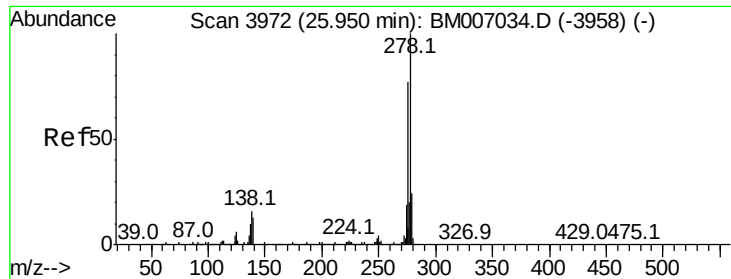
Delta R.T. 0.01 min

Lab File: BM007042.D

Acq: 12 Aug 2016 14:11

Tgt Ion:	276	Resp:	503190
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.9	20.9
277	26.9	20.1	30.1





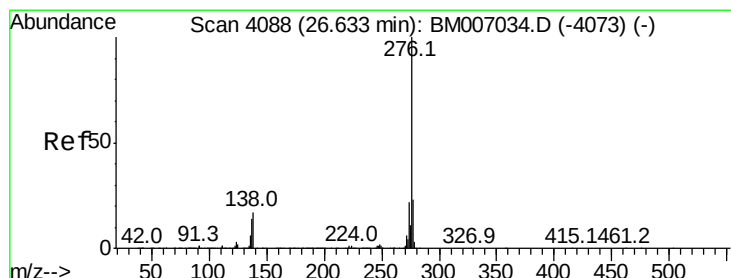
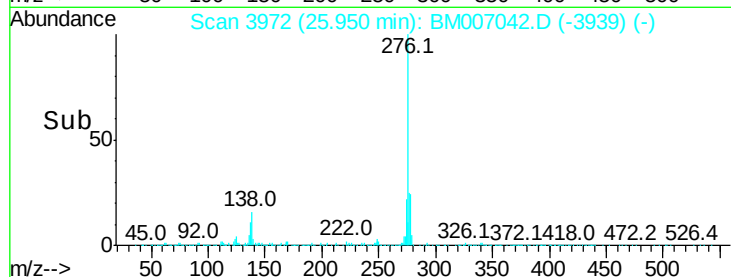
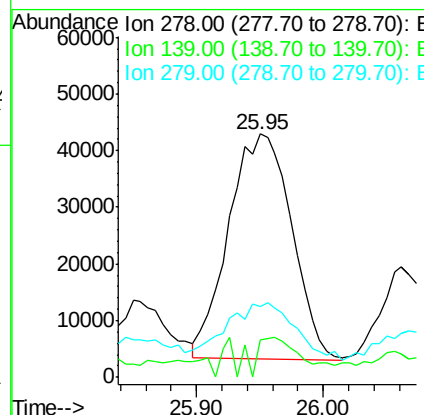
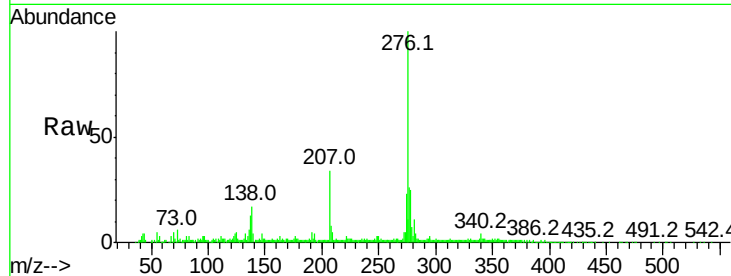
#90
Dibenzo(a,h)anthracene
Concen: 1.37 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM007042.D
Acq: 12 Aug 2016 14:11

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0002-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	9.5	14.3#
279	29.0	19.1	28.7#

Manual Integrations
APPROVED

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#91
Benzo(g,h,i)perylene
Concen: 4.74 ng/ul
RT: 26.65 min Scan# 4091
Delta R.T. 0.01 min
Lab File: BM007042.D
Acq: 12 Aug 2016 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.5	20.3
277	24.7	19.3	28.9

