

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007043.D
 Acq On : 12 Aug 2016 14:48
 Operator : UM/SJ
 Sample : H4387-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0612-01

Manual Integrations
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Quant Time: Aug 12 19:03:11 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	322869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1515046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	977892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2288624	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1767443	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1683290	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	30567	4.14	ng/uL	0.00
5) Phenol-d5	6.97	99	733498	28.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	422107	28.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	588534	28.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	574984	26.72	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	299910	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	336682	28.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	654974	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	597550	20.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2139441	26.48	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2602143	26.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	327485	22.61	ng/ul	0.00
57) Fluorene-d10	15.44	176	1886745	26.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	204376	16.16	ng/ul	0.00
70) Anthracene-d10	17.29	188	2927053	27.61	ng/ul	0.00
76) Pyrene-d10	19.58	212	2815064	37.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2129852	27.66	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.00	94	65483	2.38	ng/ul	96
44) Dimethylphthalate	13.90	163	2751488	34.07	ng/ul	99
47) Acenaphthylene	14.17	152	354382	3.55	ng/ul	99
69) Phenanthrene	17.23	178	1791664	14.56	ng/ul	100
71) Anthracene	17.32	178	286447	2.27	ng/ul	97
74) Fluoranthene	19.24	202	2253573	15.10	ng/ul	99
77) Pyrene	19.61	202	3309728	33.87	ng/ul	99
80) Benzo(a)anthracene	21.36	228	1225802m	11.74	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.30	149	104227	1.85	ng/ul	99
82) Chrysene	21.41	228	1340610	14.05	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	1228551	12.12	ng/ul	95
86) Benzo(k)fluoranthene	23.01	252	264575m	2.78	ng/ul	
88) Benzo(a)pyrene	23.55	252	984346	10.24	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.95	276	616233	5.23	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	174487	1.76	ng/ul#	82
91) Benzo(g,h,i)perylene	26.65	276	653750	6.56	ng/ul	99

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

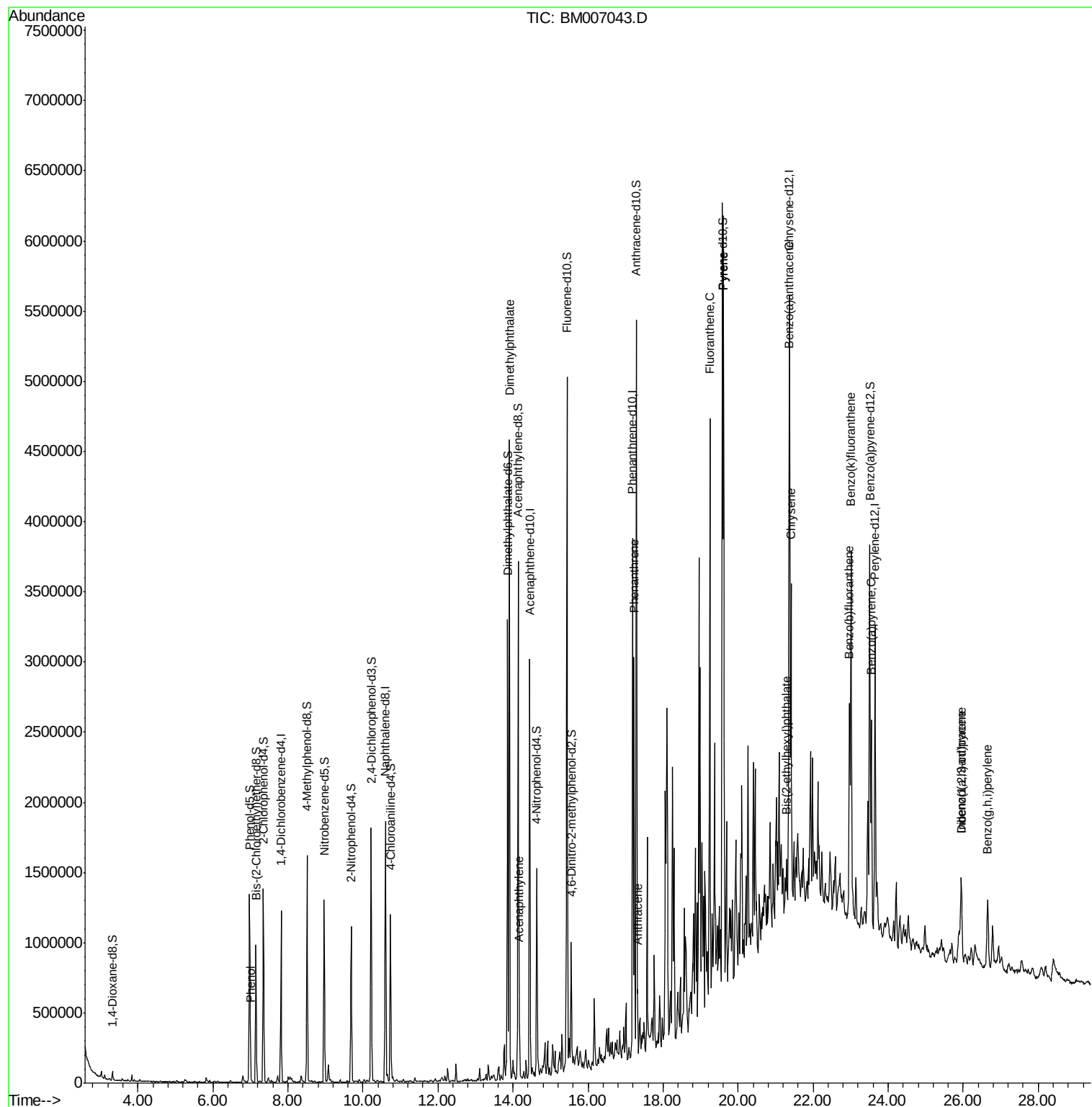
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007043.D
Acq On : 12 Aug 2016 14:48
Operator : UM/SJ
Sample : H4387-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

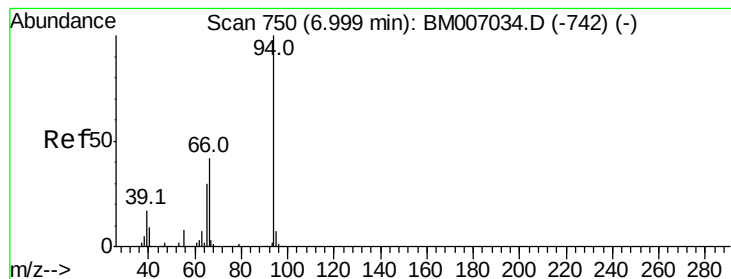
Instrument :
BNA_M
ClientSampleId :
P003-SS002-0612-01

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Quant Time: Aug 12 19:03:11 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





#6

Phenol

Concen: 2.38 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. 0.00 min

Lab File: BM007043.D

Acq: 12 Aug 2016 14:48

Instrument :

BNA_M

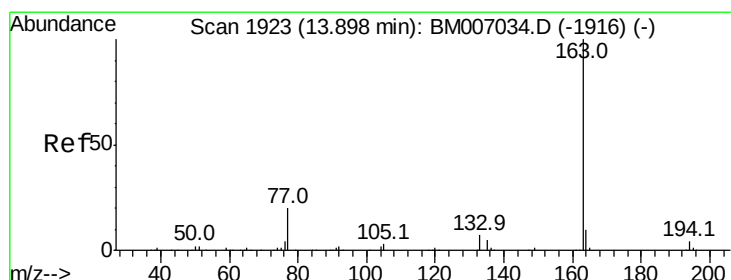
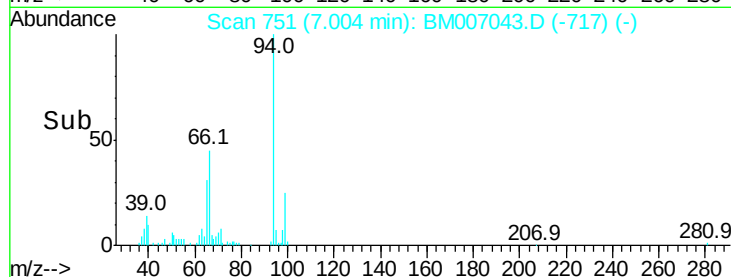
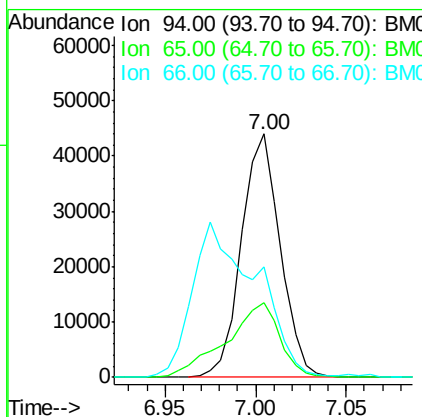
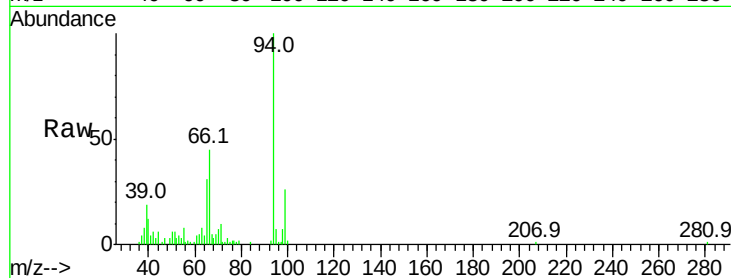
ClientSampleId :

P003-SS002-0612-01

Tot Ion:	94	Resp:	65483
Ion Ratio	Lower	Upper	
94	100		
65	30.6	23.9	35.9
66	45.4	33.5	50.3

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#44

Dimethylphthalate

Concen: 34.07 ng/ul

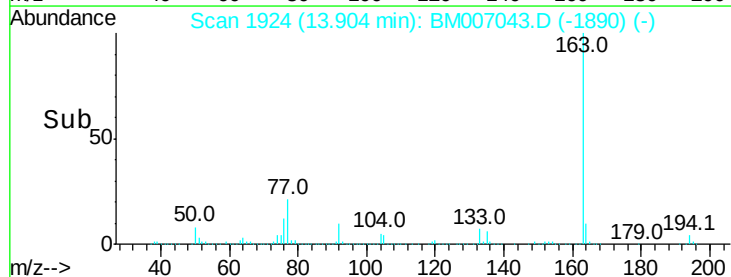
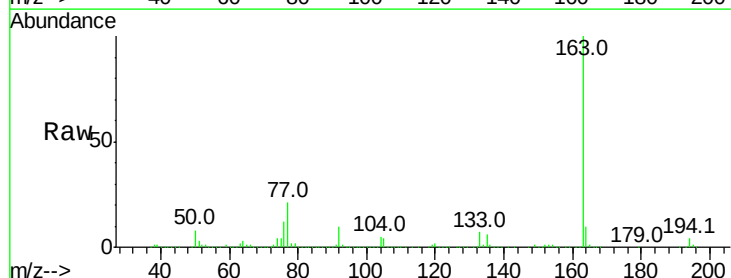
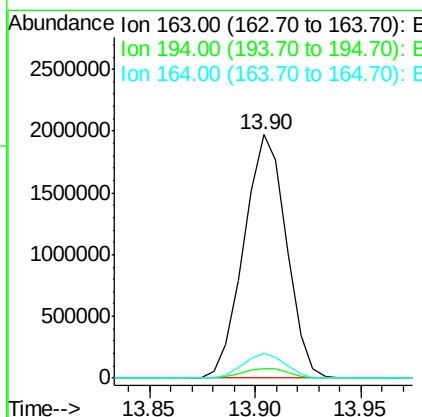
RT: 13.90 min Scan# 1924

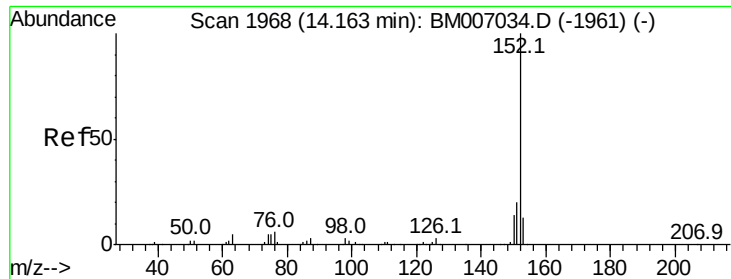
Delta R.T. 0.00 min

Lab File: BM007043.D

Acq: 12 Aug 2016 14:48

Tgt Ion:	163	Resp:	2751488
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.2	7.8	11.8





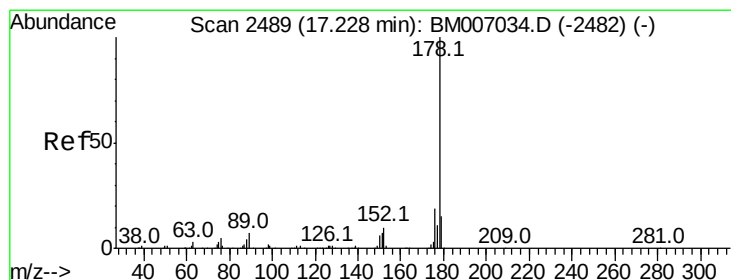
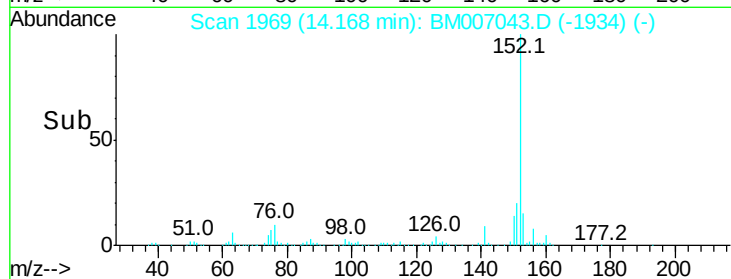
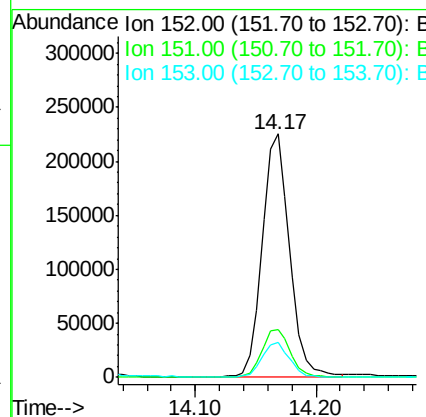
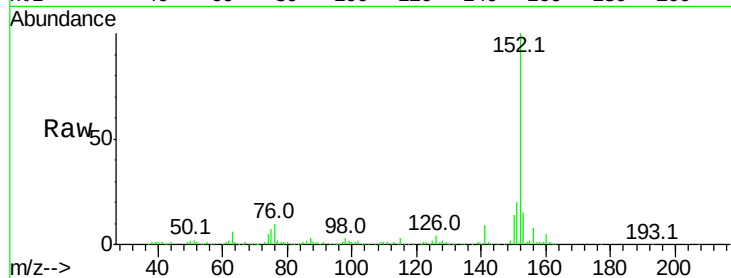
#47
Acenaphthylene
Concen: 3.55 ng/ul
RT: 14.17 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM007043.D
Acq: 12 Aug 2016 14:48

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	14.5	11.0	16.6

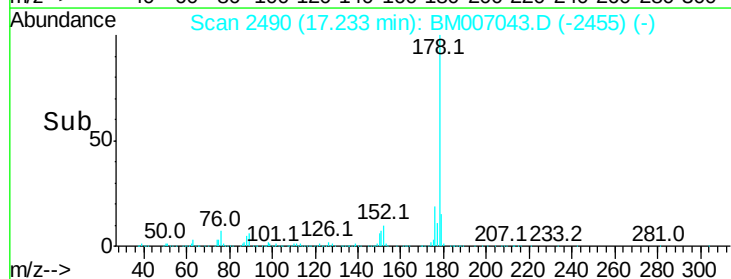
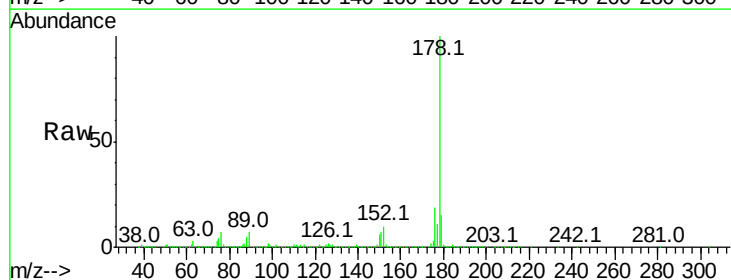
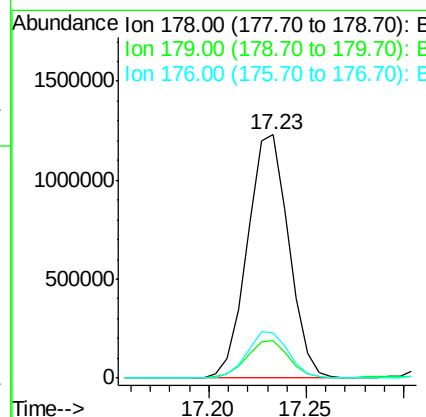
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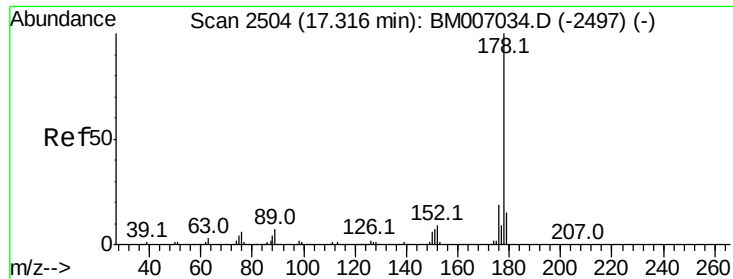
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#69
Phenanthrene
Concen: 14.56 ng/ul
RT: 17.23 min Scan# 2490
Delta R.T. 0.01 min
Lab File: BM007043.D
Acq: 12 Aug 2016 14:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.8	15.1	22.7





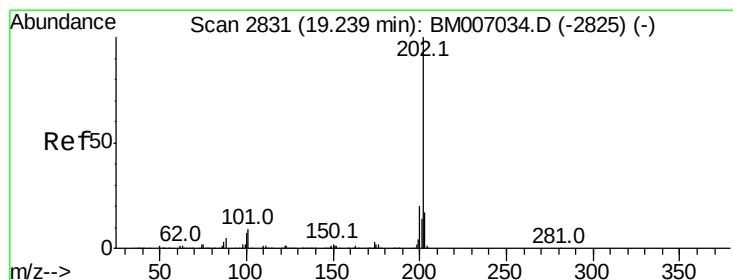
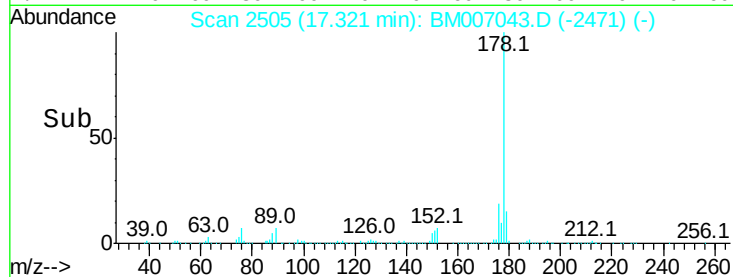
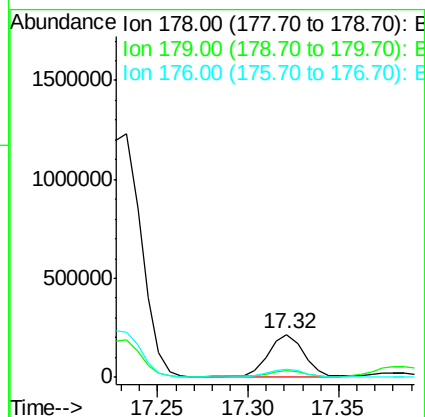
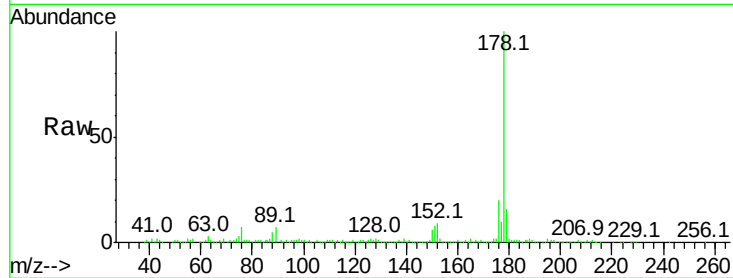
#71
 Anthracene
 Concen: 2.27 ng/ul
 RT: 17.32 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BM007043.D
 Acq: 12 Aug 2016 14:48

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0612-01

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	19.6	14.5	21.7

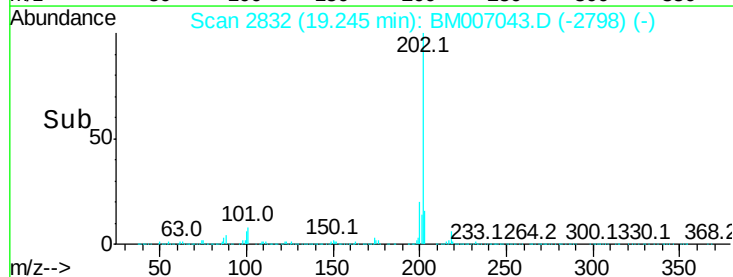
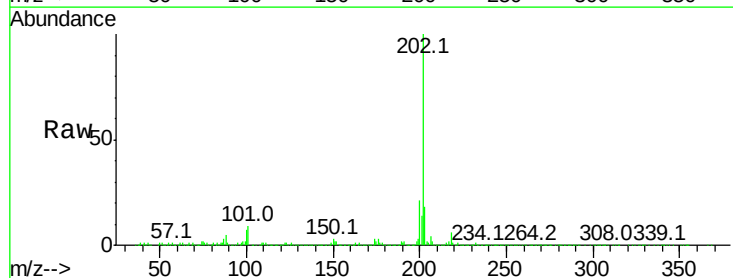
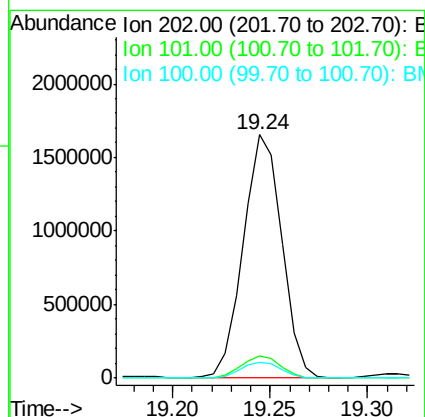
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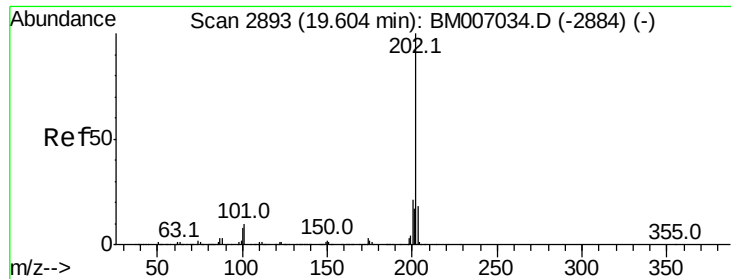
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#74
 Fluoranthene
 Concen: 15.10 ng/ul
 RT: 19.24 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BM007043.D
 Acq: 12 Aug 2016 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.9	10.3
100	6.6	5.4	8.0





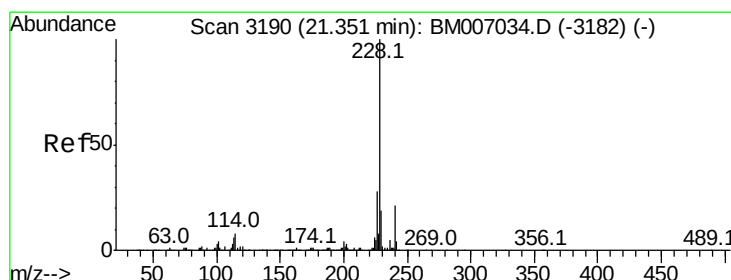
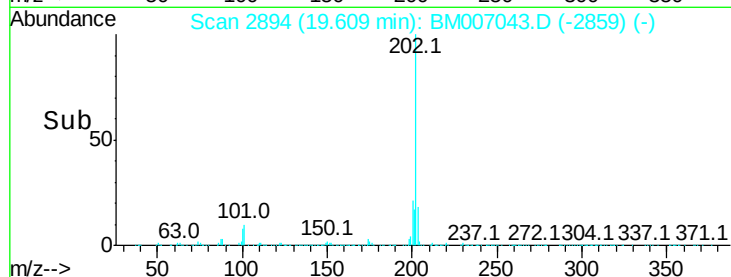
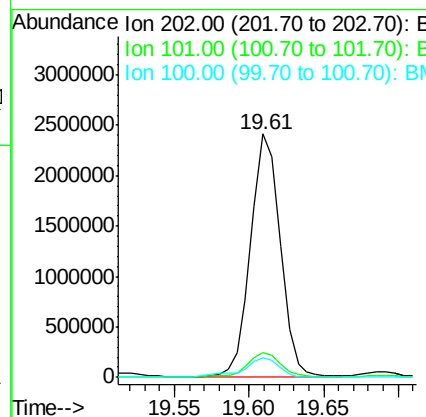
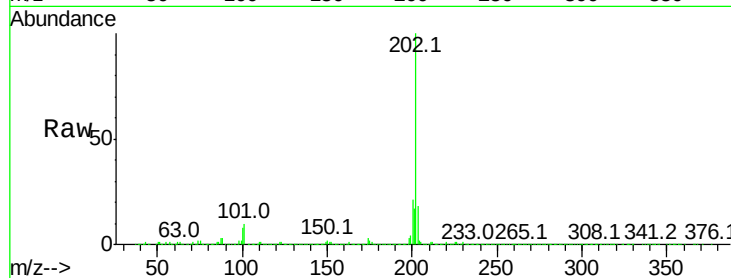
#77
Pvrene
Concen: 33.87 ng/ul
RT: 19.61 min Scan# 2894
Delta R.T. 0.01 min
Lab File: BM007043.D
Acq: 12 Aug 2016 14:48

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0612-01

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.4	12.6
100	8.0	6.9	10.3

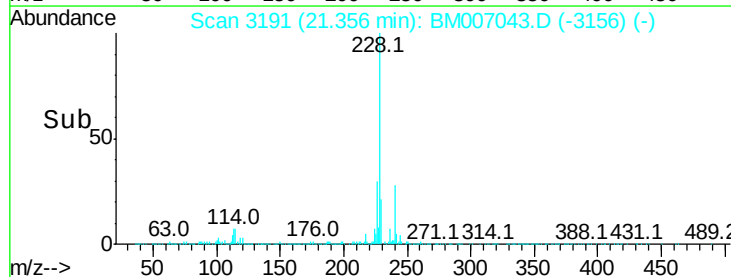
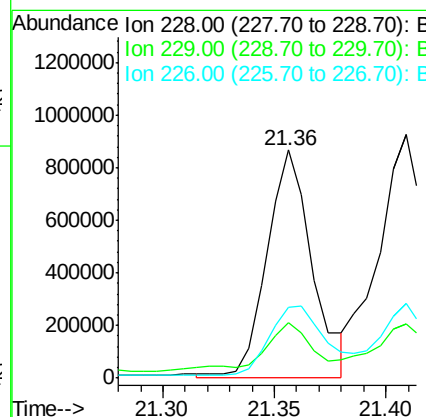
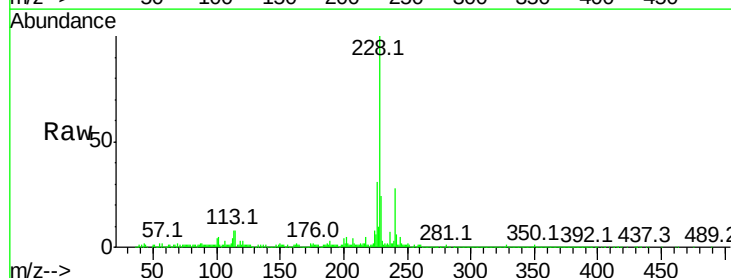
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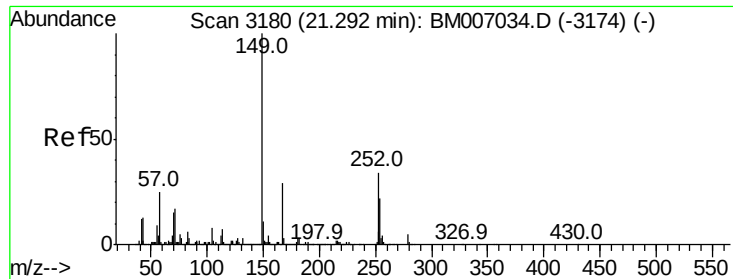
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#80
Benzo(a)anthracene
Concen: 11.74 ng/ul m
RT: 21.36 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BM007043.D
Acq: 12 Aug 2016 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.6	23.4#
226	31.2	21.8	32.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.85 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BM007043.D

Acq: 12 Aug 2016 14:48

Instrument :

BNA_M

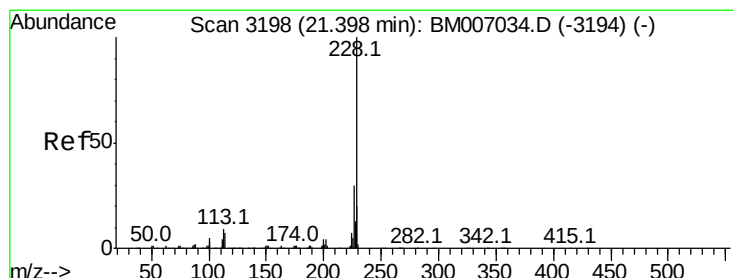
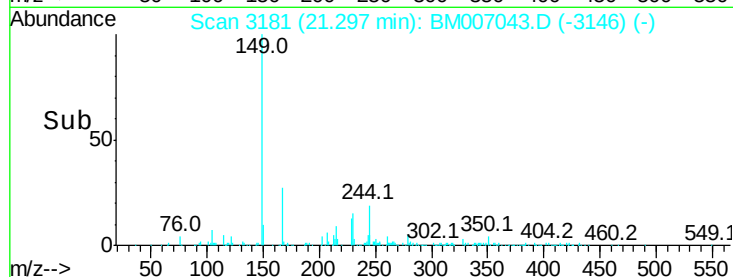
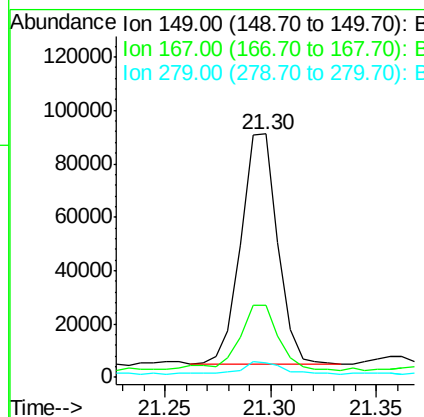
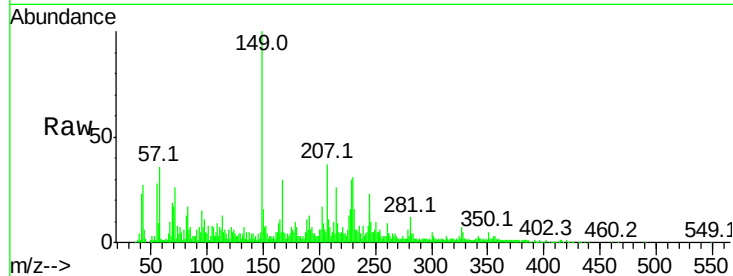
ClientSampleId :

P003-SS002-0612-01

Tot Ion:	149	Resp:	104227
Ion Ratio	Lower	Upper	
149	100		
167	29.6	23.2	34.8
279	5.9	4.1	6.1

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#82

Chrysene

Concen: 14.05 ng/ul

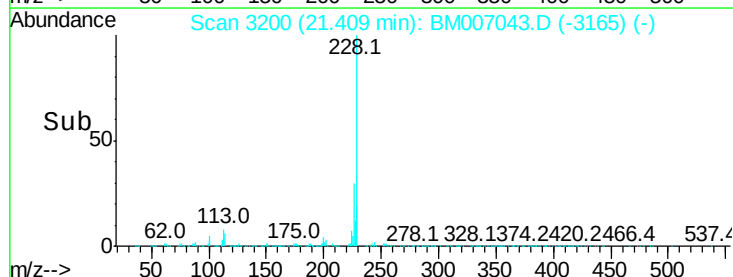
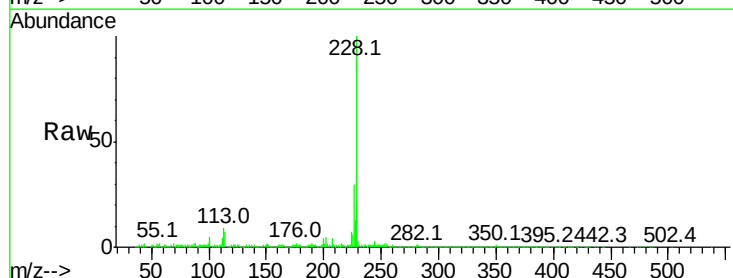
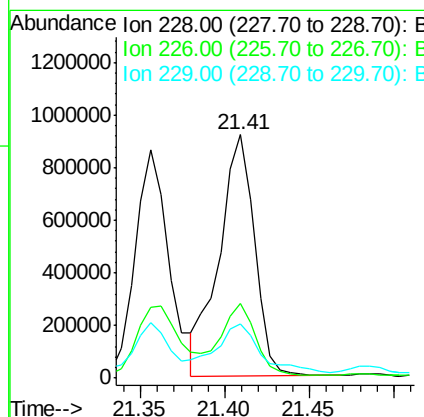
RT: 21.41 min Scan# 3200

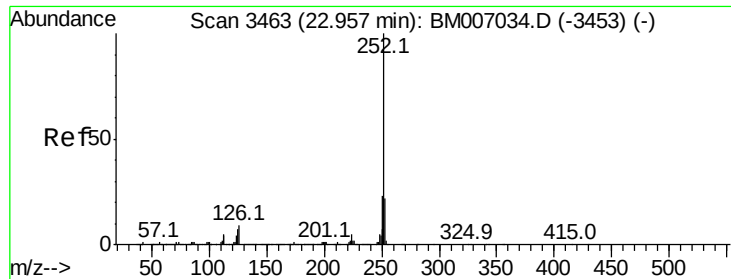
Delta R.T. 0.01 min

Lab File: BM007043.D

Acq: 12 Aug 2016 14:48

Tgt Ion:	228	Resp:	1340610
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.2
229	22.0	15.5	23.3





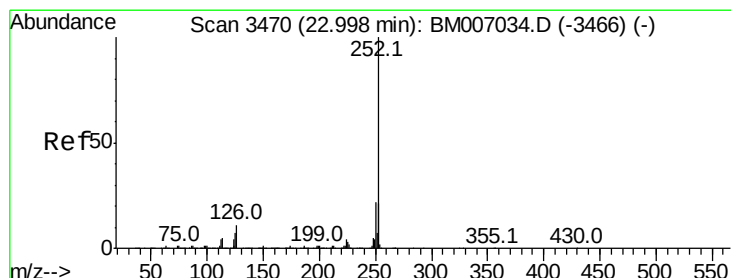
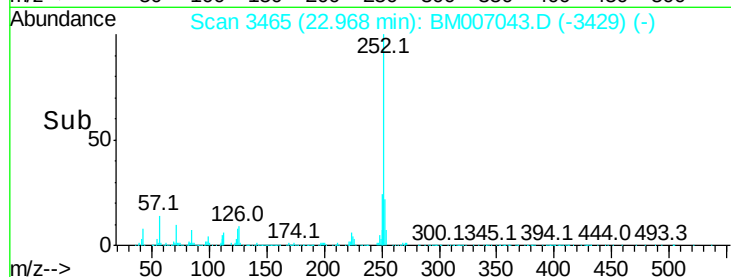
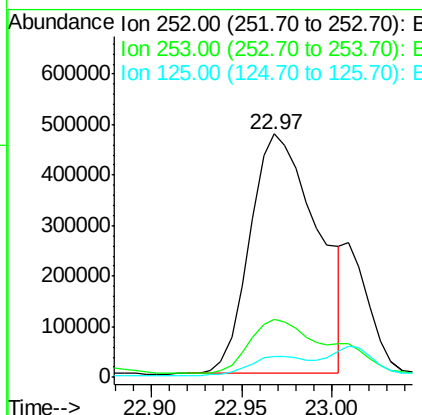
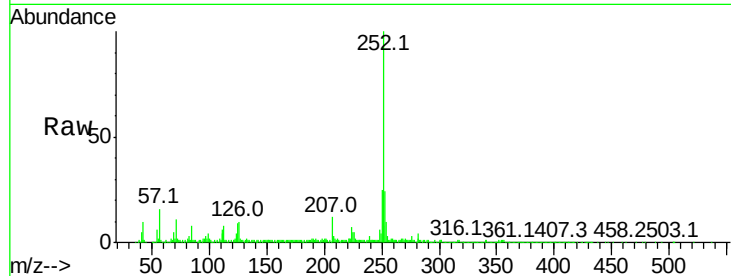
#85
Benzo(b)fluoranthene
Concen: 12.12 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM007043.D
Acq: 12 Aug 2016 14:48

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0612-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	8.7	5.8	8.8

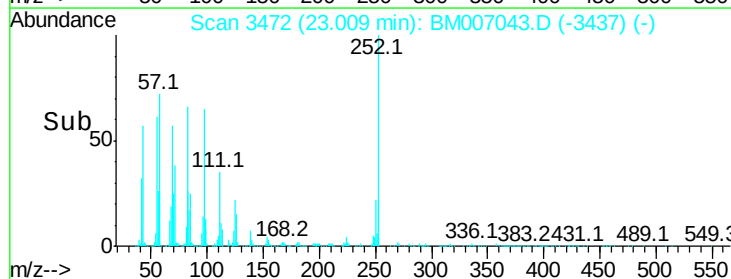
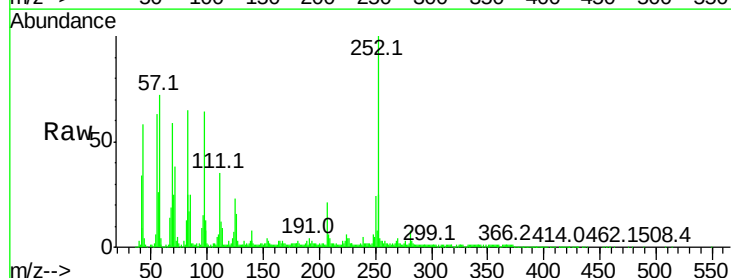
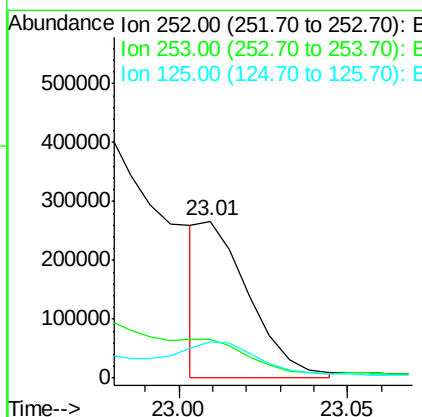
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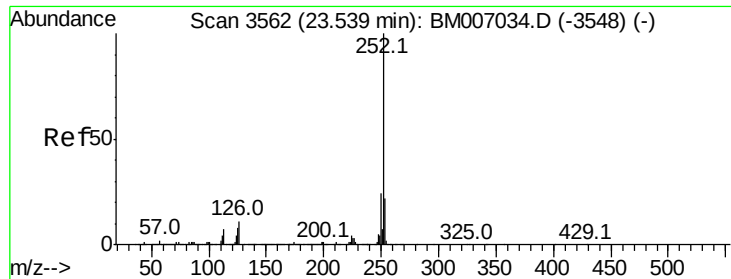
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#86
Benzo(k)fluoranthene
Concen: 2.78 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM007043.D
Acq: 12 Aug 2016 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	22.9	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 10.24 ng/ul

RT: 23.55 min Scan# 3564

Delta R.T. 0.01 min

Lab File: BM007043.D

Acq: 12 Aug 2016 14:48

Instrument :

BNA_M

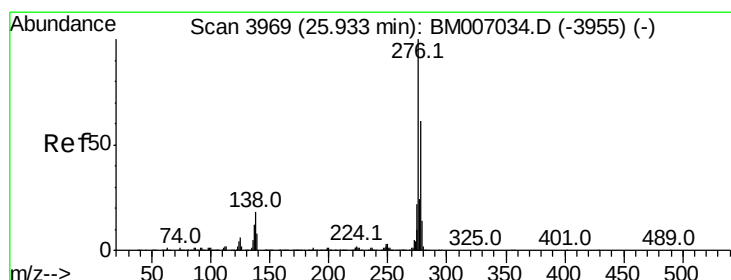
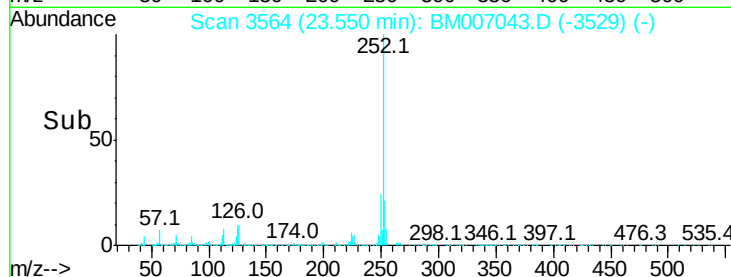
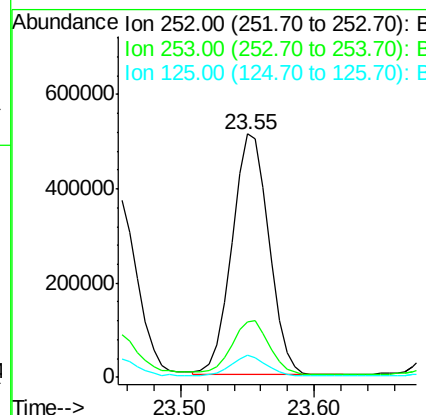
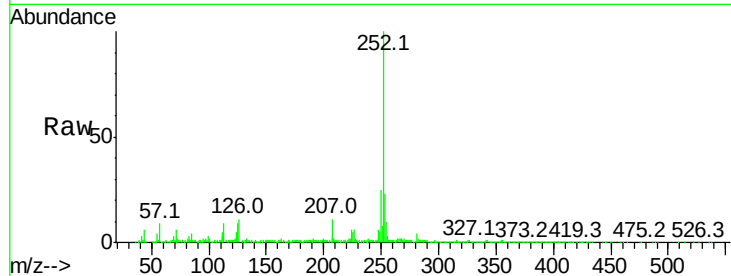
ClientSampleId :

P003-SS002-0612-01

Tot Ion:	252	Resp:	984346
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	9.1	6.6	9.8

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.23 ng/ul

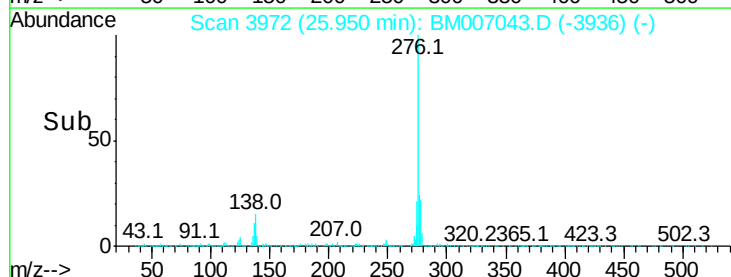
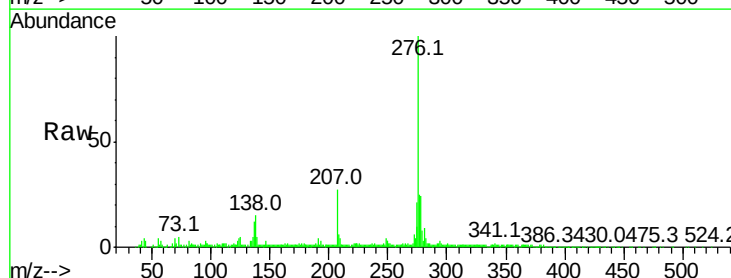
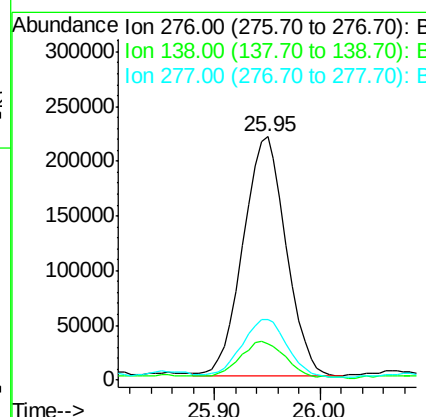
RT: 25.95 min Scan# 3972

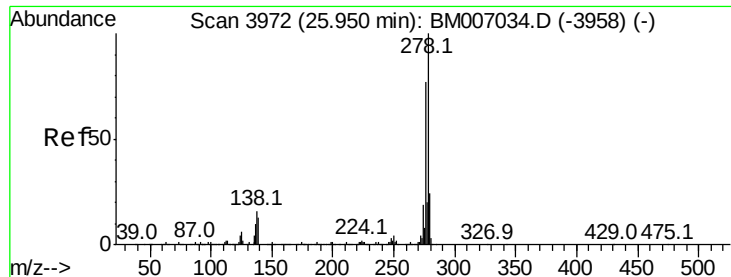
Delta R.T. 0.01 min

Lab File: BM007043.D

Acq: 12 Aug 2016 14:48

Tgt Ion:	276	Resp:	616233
Ion Ratio	Lower	Upper	
276	100		
138	15.1	13.9	20.9
277	24.8	20.1	30.1





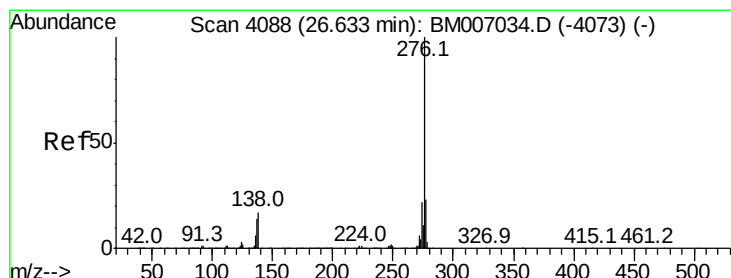
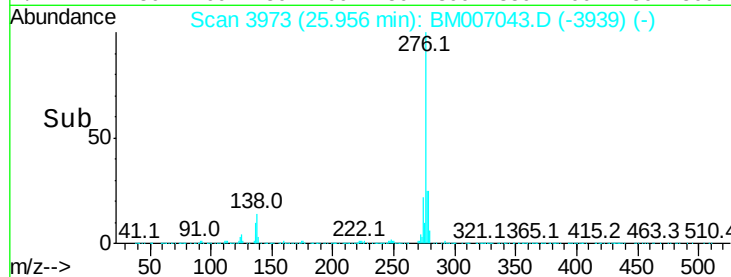
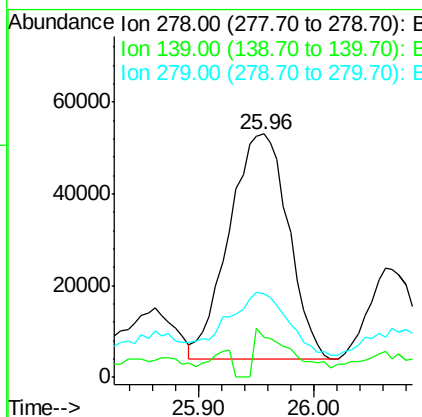
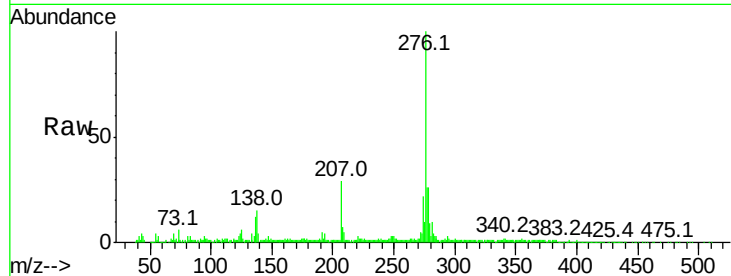
#90
 Dibenzo(a,h)anthracene
 Concen: 1.76 ng/ul
 RT: 25.96 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: BM007043.D
 Acq: 12 Aug 2016 14:48

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0612-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	9.5	14.3#
279	34.3	19.1	28.7#

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 6.56 ng/ul
 RT: 26.65 min Scan# 4091
 Delta R.T. 0.01 min
 Lab File: BM007043.D
 Acq: 12 Aug 2016 14:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.5	20.3
277	23.8	19.3	28.9

