

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007041.D
 Acq On : 12 Aug 2016 13:35
 Operator : UM/SJ
 Sample : H4387-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0612-01

Manual Integrations
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 8/15/2016 6:53:42 PM

Quant Time: Aug 12 18:26:37 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	453143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1935149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	1092495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2175773	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	2055689	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	2248033	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	34203	3.30	ng/uL	0.00
5) Phenol-d5	6.97	99	766125	20.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	453658	21.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	631394	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	580313	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	315487	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	347034	23.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	662298	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	666827	17.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1934838	21.43	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2406842	22.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	247804	15.32	ng/ul	0.00
57) Fluorene-d10	15.44	176	1615536	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	158967	13.22	ng/ul	0.00
70) Anthracene-d10	17.29	188	2273526	22.56	ng/ul	0.00
76) Pyrene-d10	19.58	212	2237245	25.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2308022	22.45	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.00	94	69629	1.80	ng/ul	96
44) Dimethylphthalate	13.90	163	2111819	23.41	ng/ul	100
47) Acenaphthylene	14.17	152	525117	4.70	ng/ul	99
69) Phenanthrene	17.23	178	1794995	15.34	ng/ul	99
71) Anthracene	17.32	178	473265	3.94	ng/ul	99
74) Fluoranthene	19.24	202	3238461	22.82	ng/ul	99
77) Pyrene	19.61	202	3857886	33.94	ng/ul	100
80) Benzo(a)anthracene	21.36	228	2312403	19.04	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.29	149	809665	12.38	ng/ul	99
82) Chrysene	21.41	228	2164903	19.50	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	2650373	19.57	ng/ul	97
86) Benzo(k)fluoranthene	23.01	252	904885m	7.12	ng/ul	
88) Benzo(a)pyrene	23.55	252	2139605	16.67	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	1369885	8.71	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	377566	2.86	ng/ul#	88
91) Benzo(g,h,i)perylene	26.66	276	1218906	9.16	ng/ul	98

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

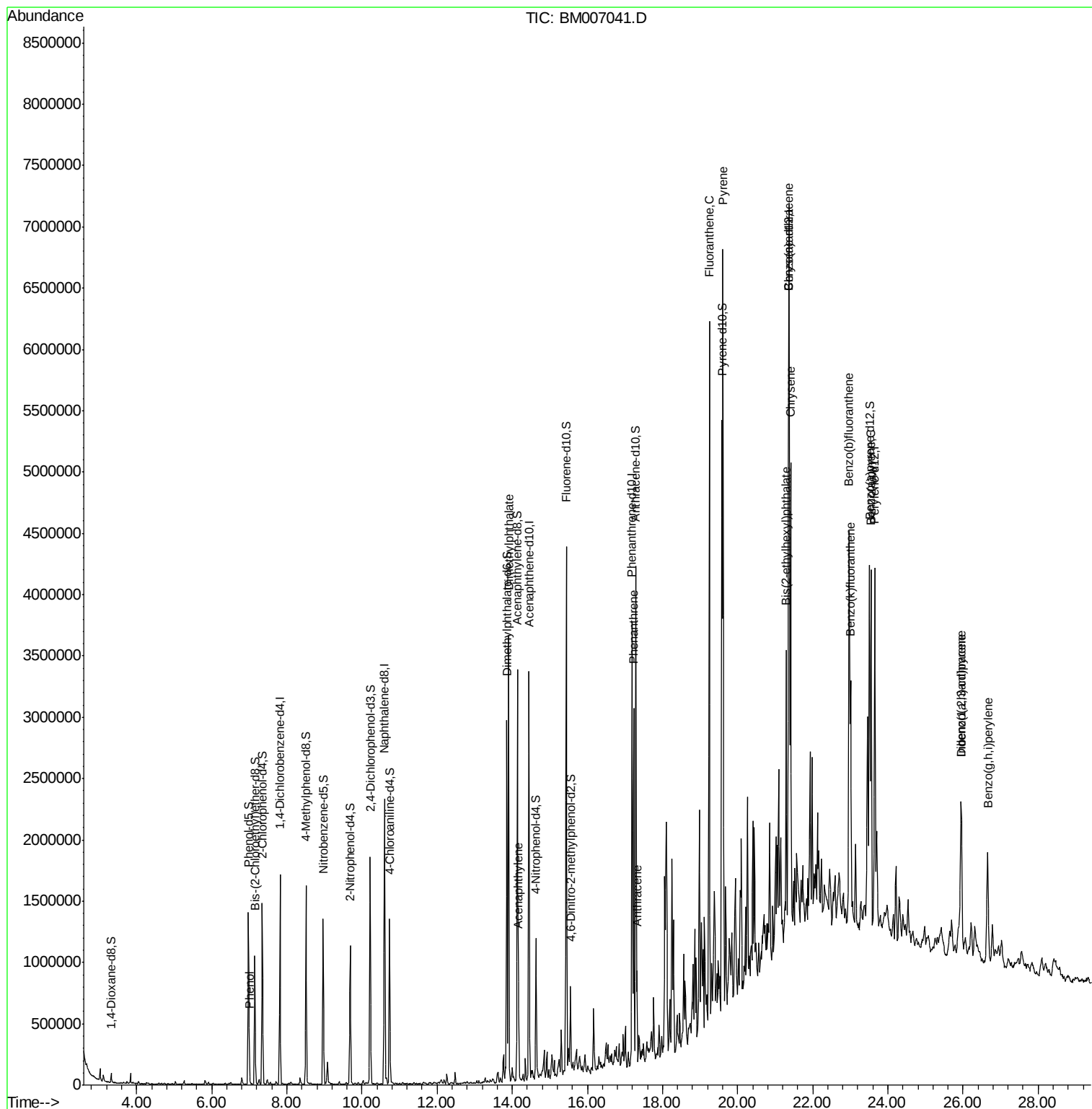
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007041.D
Acq On : 12 Aug 2016 13:35
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Sample : H4387-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

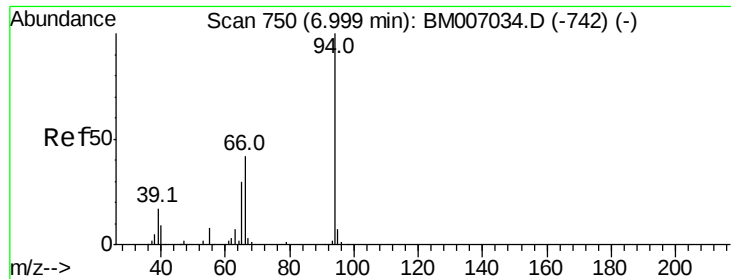
Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

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Quant Time: Aug 12 18:26:37 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: 1.80 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Instrument :

BNA_M

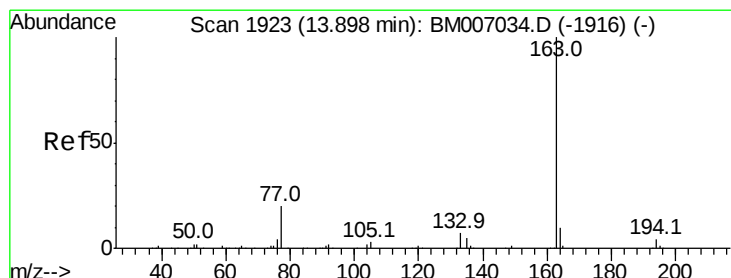
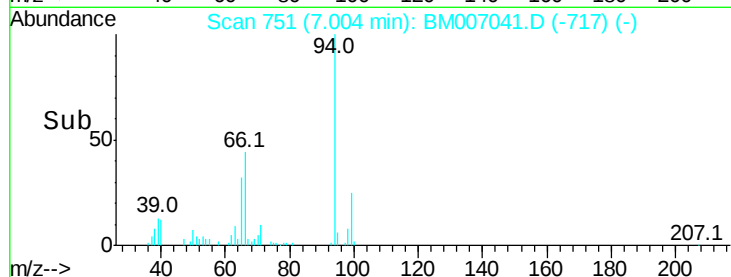
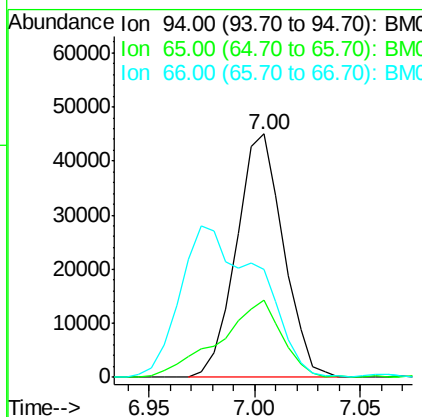
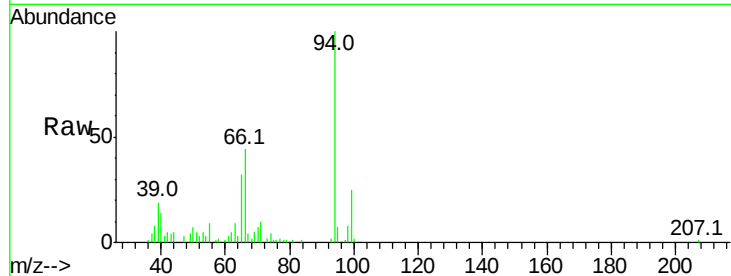
ClientSampleId :

P003-SS003-0612-01

Tot Ion:	94	Resp:	69629
Ion	Ratio	Lower	Upper
94	100		
65	31.8	23.9	35.9
66	44.2	33.5	50.3

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#44

Dimethylphthalate

Concen: 23.41 ng/ul

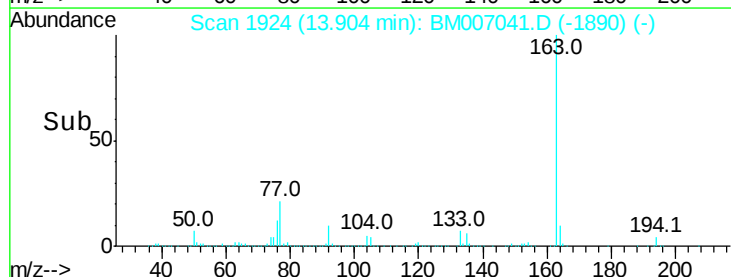
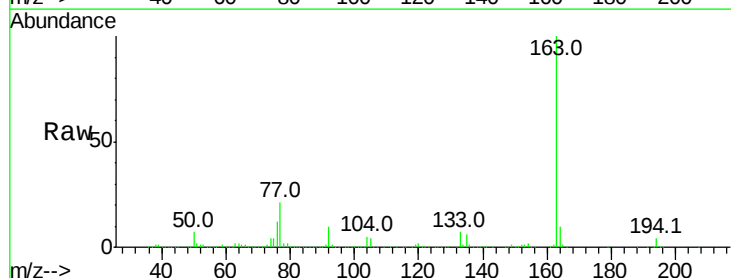
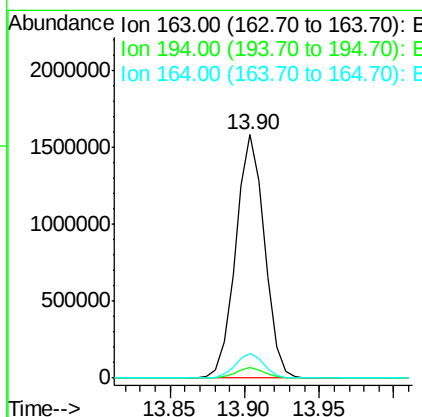
RT: 13.90 min Scan# 1924

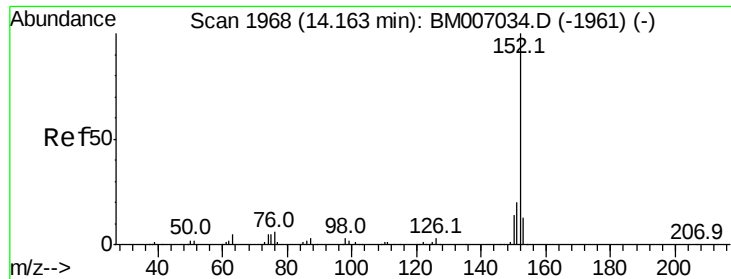
Delta R.T. -0.00 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Tgt Ion:	163	Resp:	2111819
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	7.8	11.8





#47

Acenaphthylene

Concen: 4.70 ng/ul

RT: 14.17 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Instrument :

BNA_M

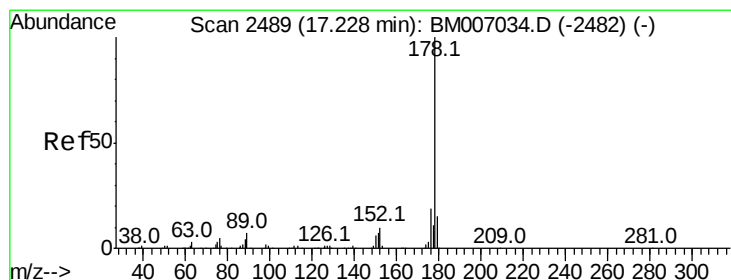
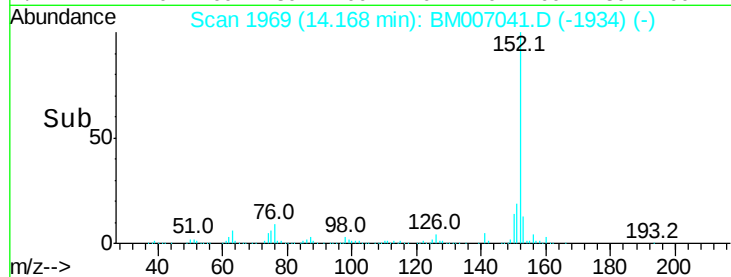
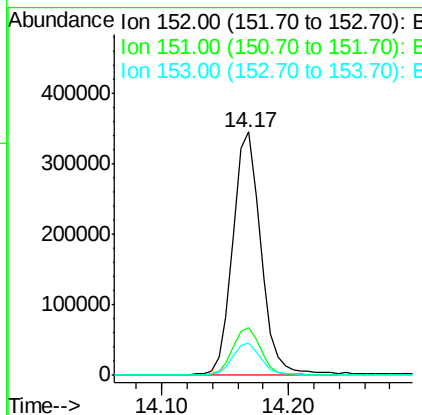
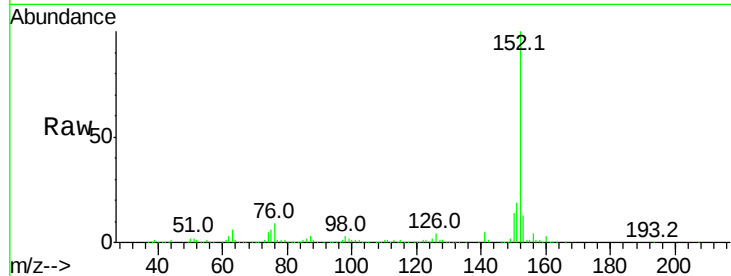
ClientSampleId :

P003-SS003-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
152	100	525117		
151	19.4	16.0	24.0	
153	13.1	11.0	16.6	

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#69

Phenanthrene

Concen: 15.34 ng/ul

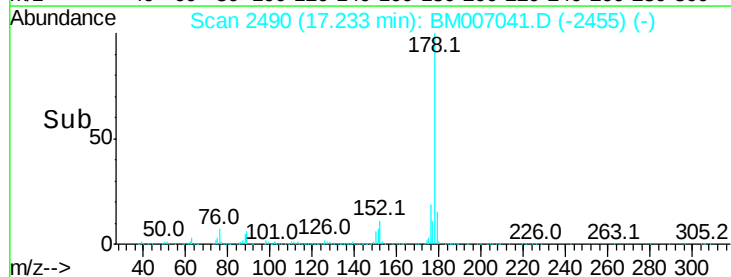
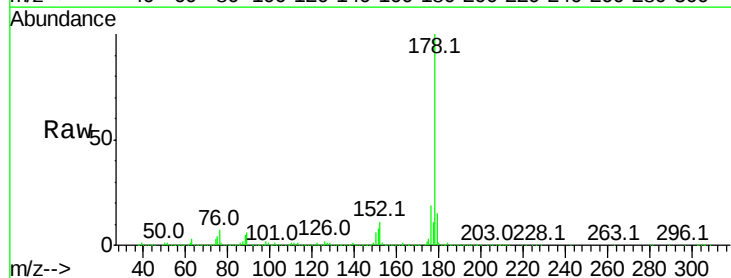
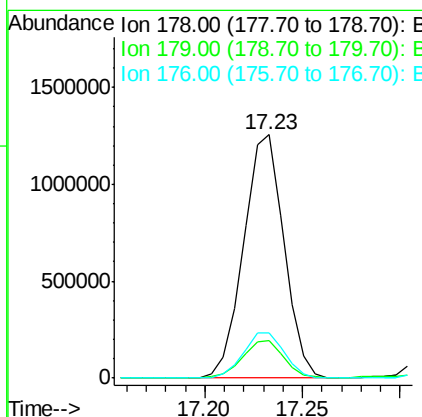
RT: 17.23 min Scan# 2490

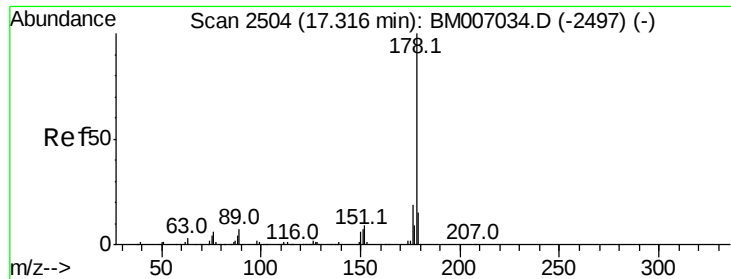
Delta R.T. 0.01 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1794995		
179	15.4	12.2	18.2	
176	18.7	15.1	22.7	





#71

Anthracene

Concen: 3.94 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Instrument :

BNA_M

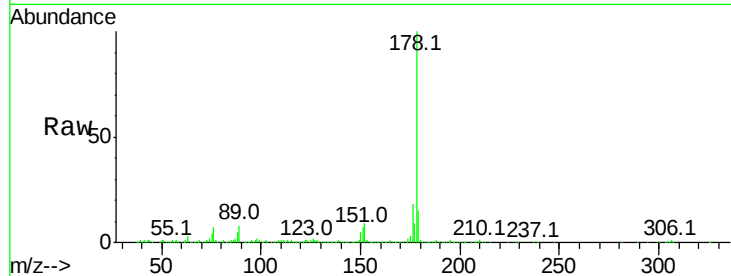
ClientSampleId :

P003-SS003-0612-01

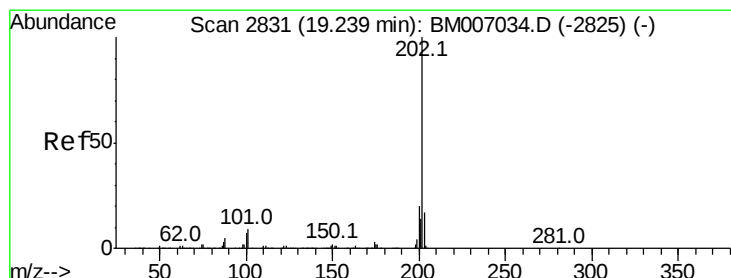
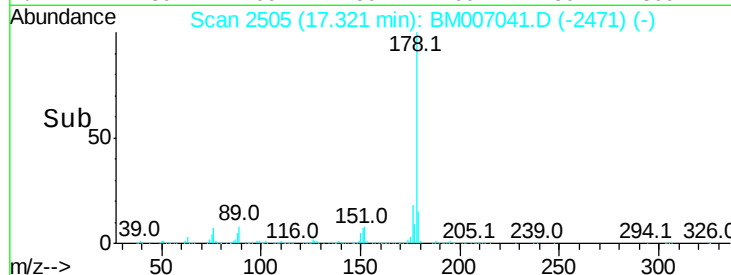
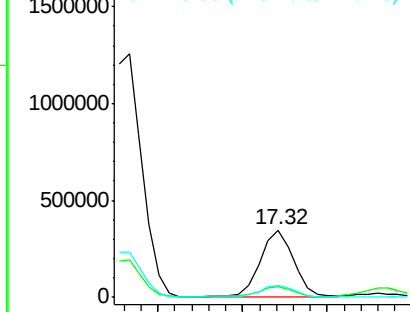
Tot Ion:	178	Resp:	473265
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	18.3	14.5	21.7

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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



#74

Fluoranthene

Concen: 22.82 ng/ul

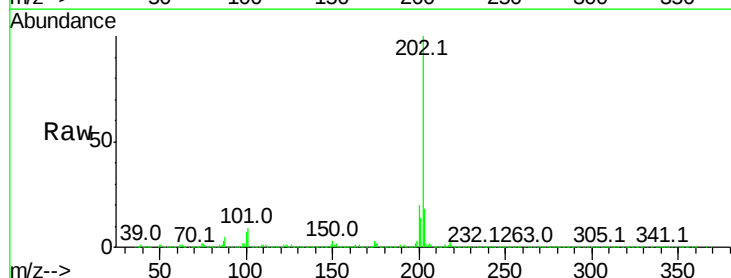
RT: 19.24 min Scan# 2832

Delta R.T. -0.00 min

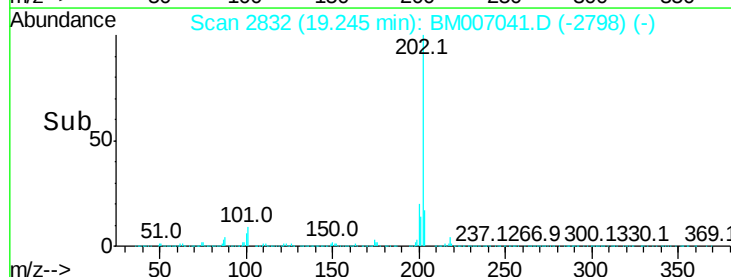
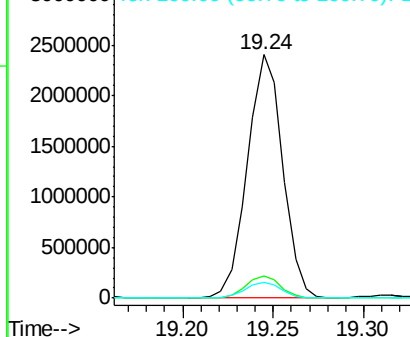
Lab File: BM007041.D

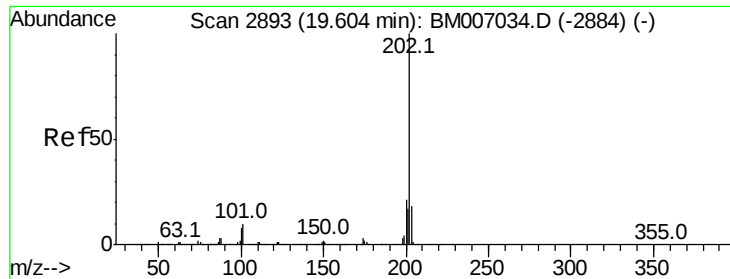
Acq: 12 Aug 2016 13:35

Tgt Ion:	202	Resp:	3238461
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.9	10.3
100	6.6	5.4	8.0



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

Pvrene

Concen: 33.94 ng/ul

RT: 19.61 min Scan# 2894

Delta R.T. 0.01 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Instrument :

BNA_M

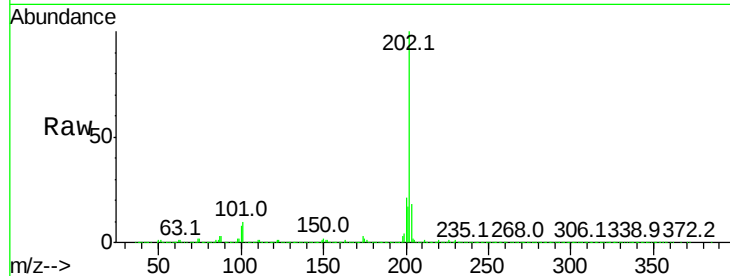
ClientSampleId :

P003-SS003-0612-01

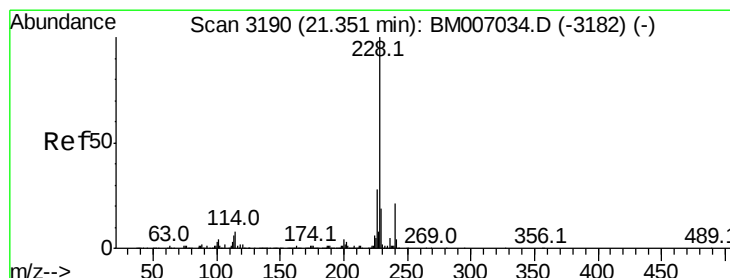
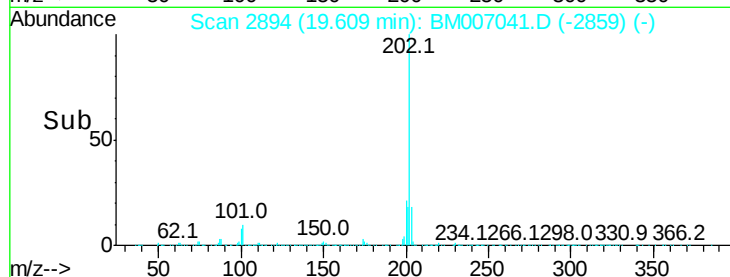
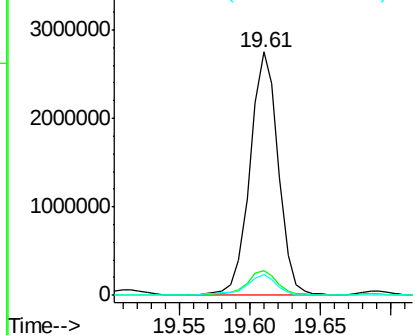
Tot Ion:	202	Resp:	3857886
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.4	12.6
100	8.4	6.9	10.3

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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



#80

Benzo(a)anthracene

Concen: 19.04 ng/ul

RT: 21.36 min Scan# 3191

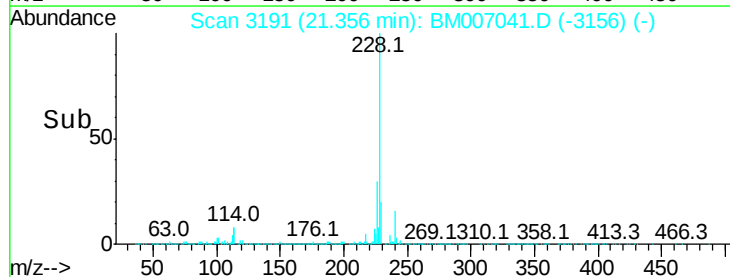
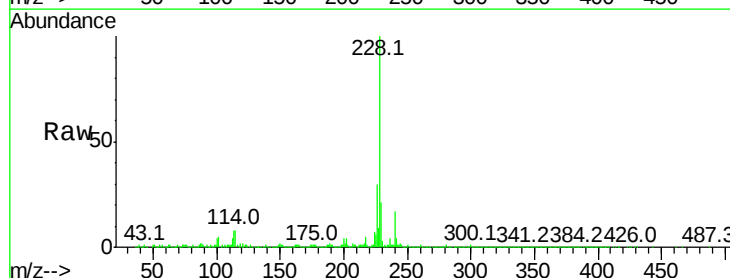
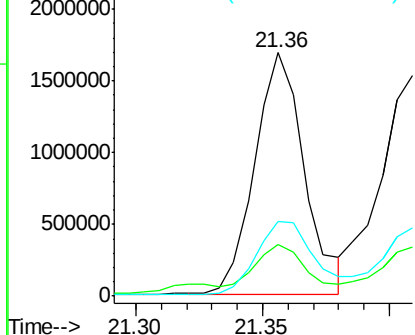
Delta R.T. 0.01 min

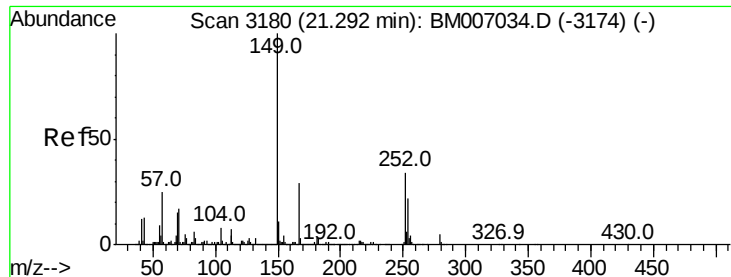
Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Tgt Ion:	228	Resp:	2312403
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.6	23.4
226	30.5	21.8	32.8

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





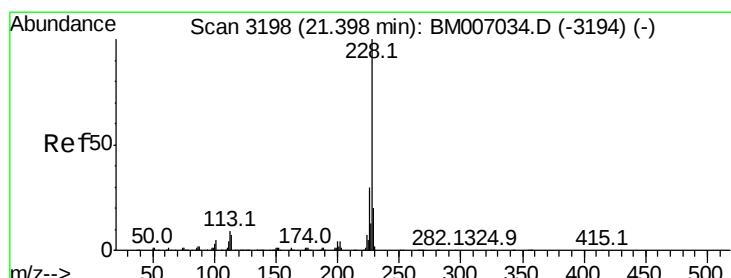
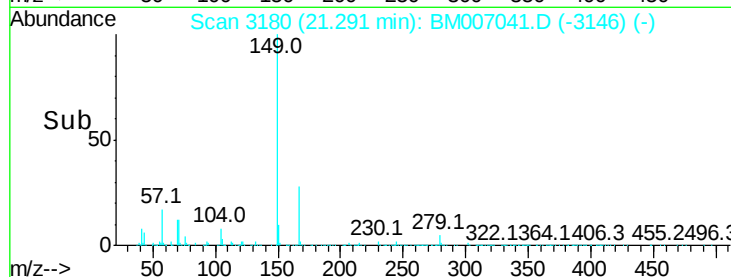
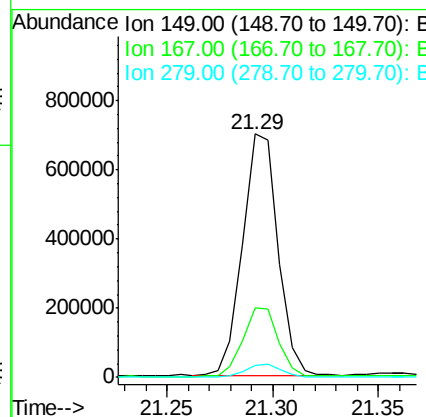
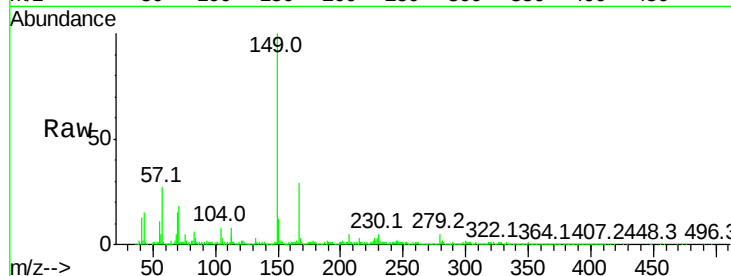
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 12.38 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BM007041.D
 Acq: 12 Aug 2016 13:35

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.2	34.8
279	4.8	4.1	6.1

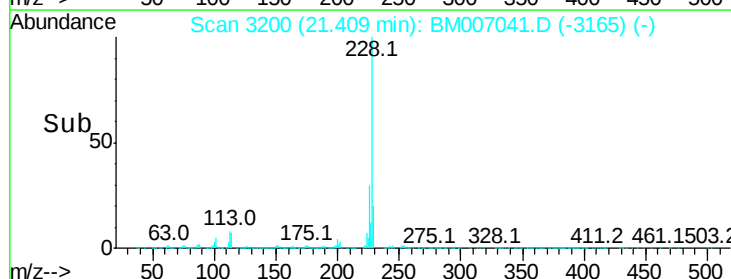
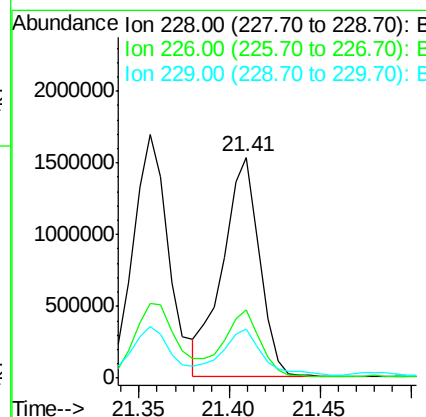
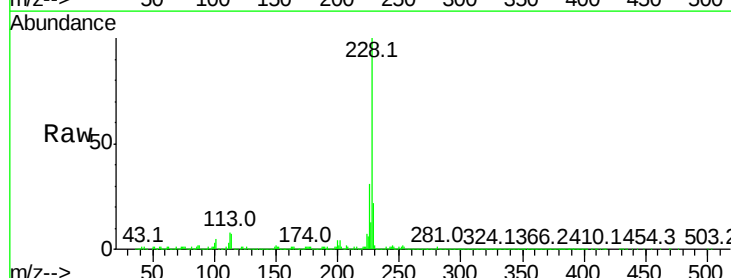
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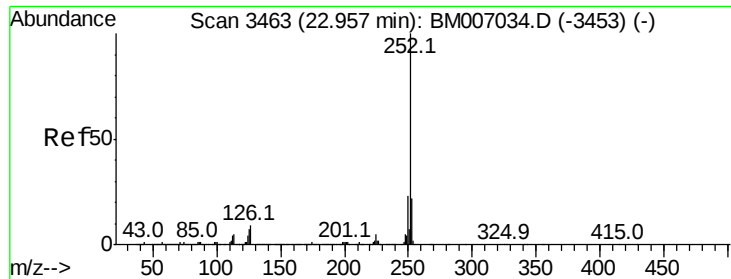
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#82
 Chrysene
 Concen: 19.50 ng/ul
 RT: 21.41 min Scan# 3200
 Delta R.T. 0.01 min
 Lab File: BM007041.D
 Acq: 12 Aug 2016 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.0	15.5	23.3





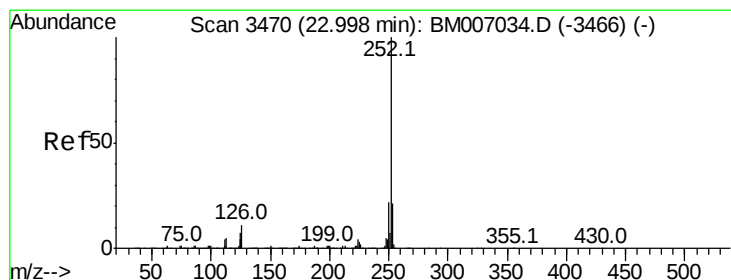
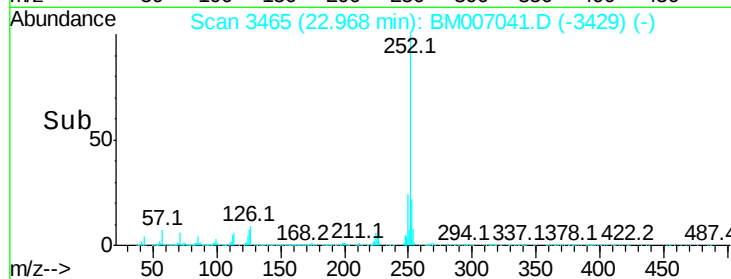
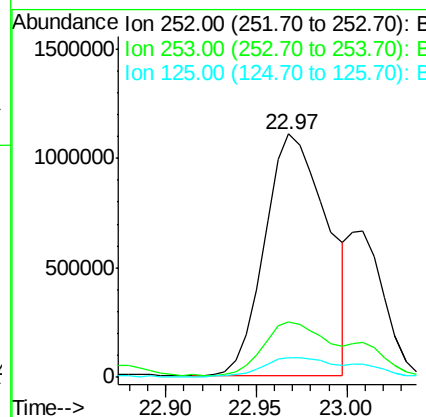
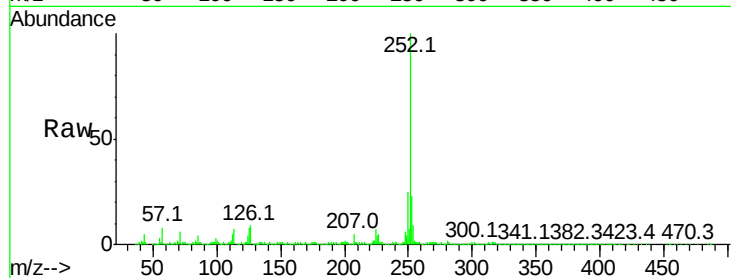
#85
Benzo(b)fluoranthene
Concen: 19.57 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM007041.D
Acq: 12 Aug 2016 13:35

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	7.9	5.8	8.8

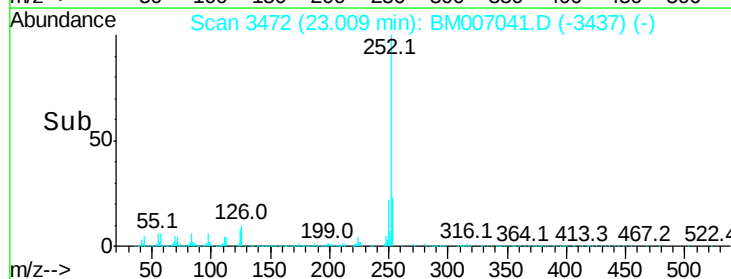
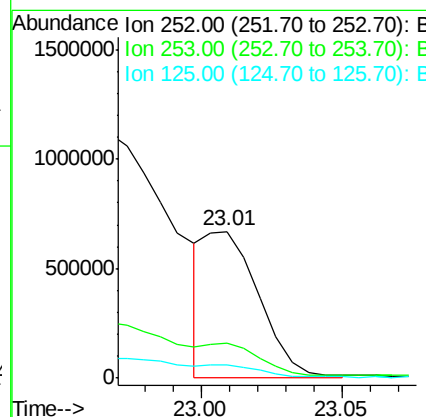
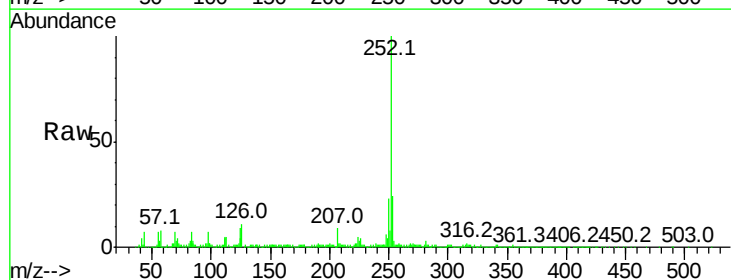
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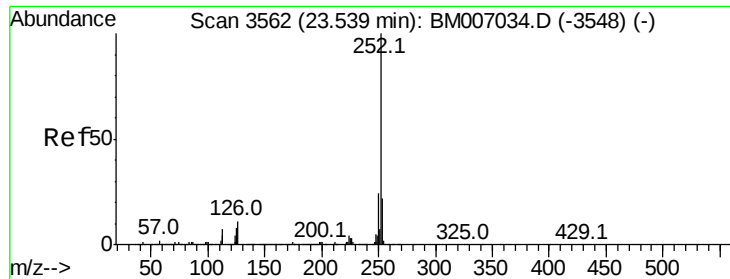
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#86
Benzo(k)fluoranthene
Concen: 7.12 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM007041.D
Acq: 12 Aug 2016 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	8.9	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 16.67 ng/ul

RT: 23.55 min Scan# 3564

Delta R.T. 0.01 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

Instrument :

BNA_M

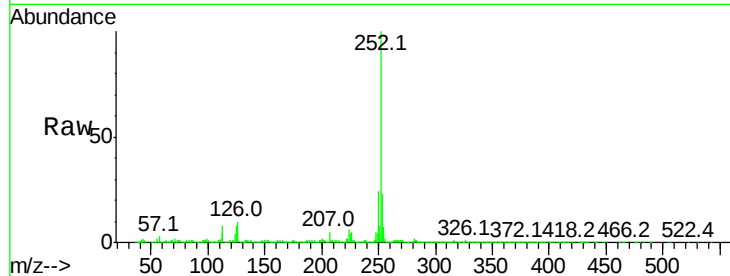
ClientSampleId :

P003-SS003-0612-01

Tot Ion:	252	Resp:	2139605
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	8.2	6.6	9.8

Manual Integrations
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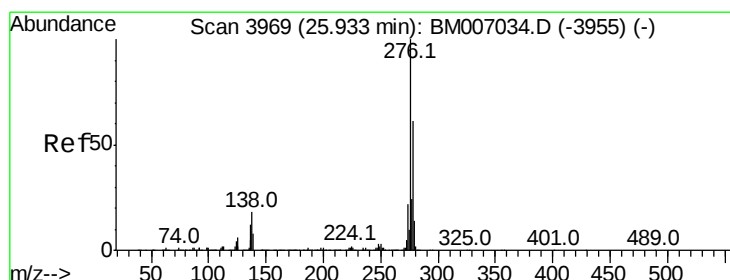
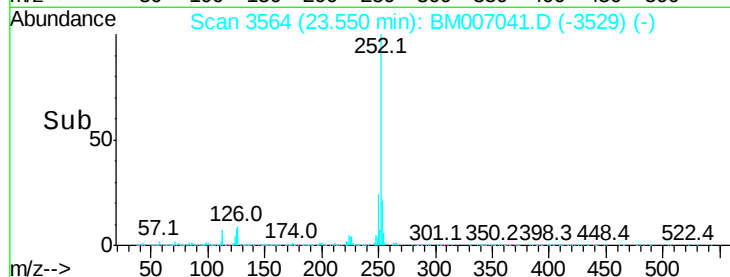
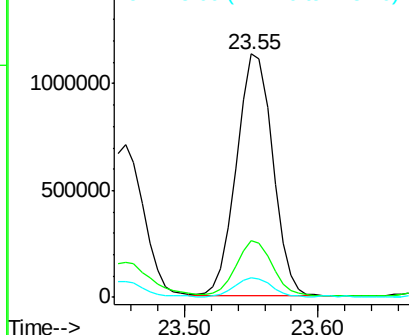


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 8.71 ng/ul

RT: 25.95 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BM007041.D

Acq: 12 Aug 2016 13:35

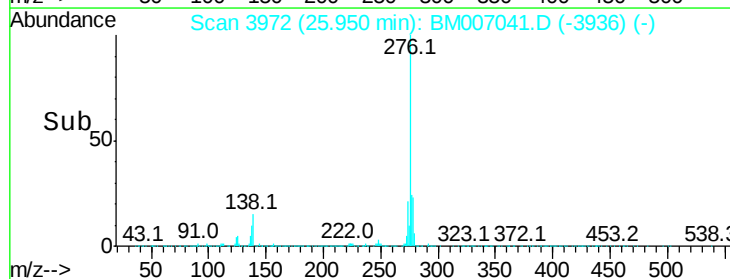
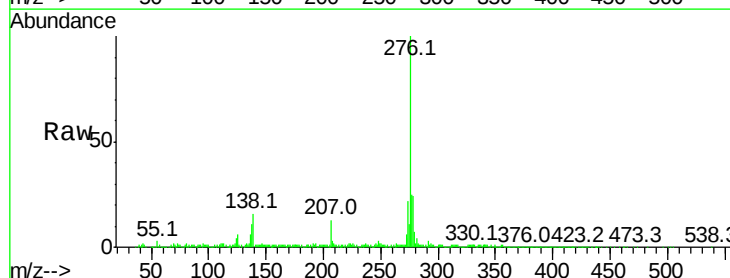
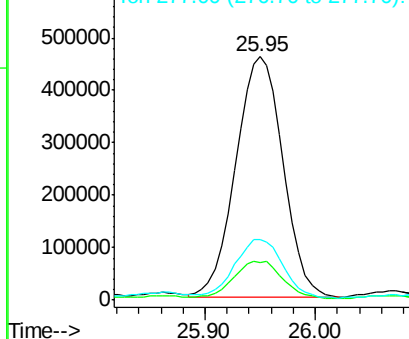
Tgt Ion:	276	Resp:	1369885
Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.9	20.9
277	24.8	20.1	30.1

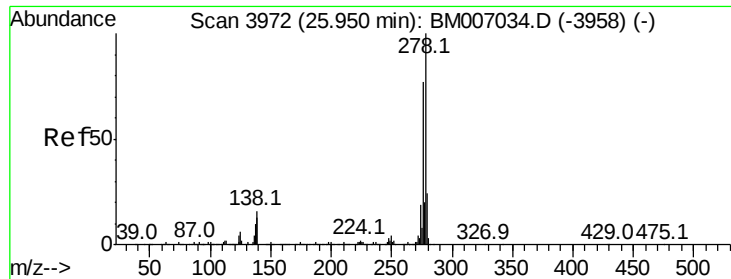
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





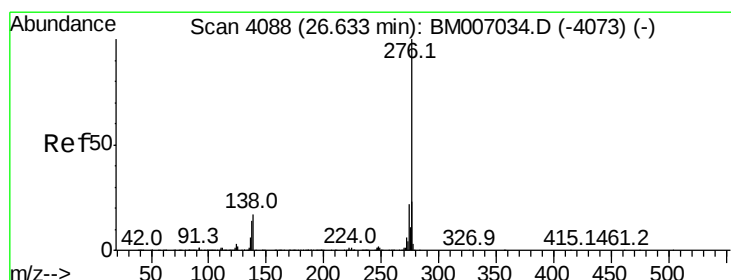
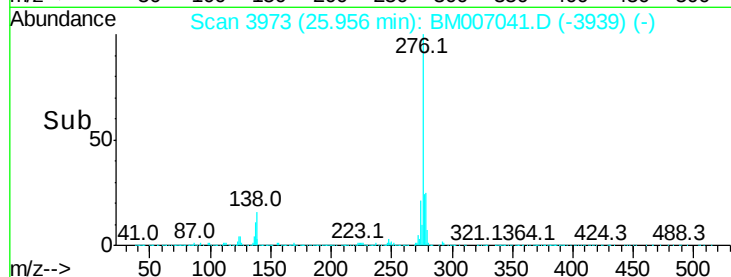
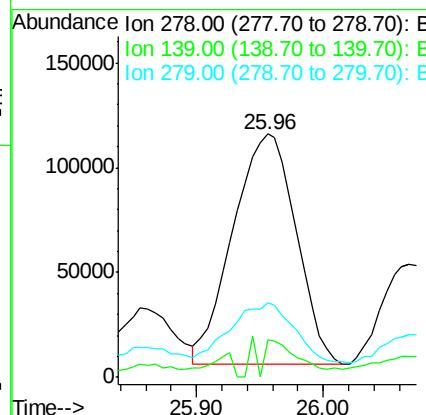
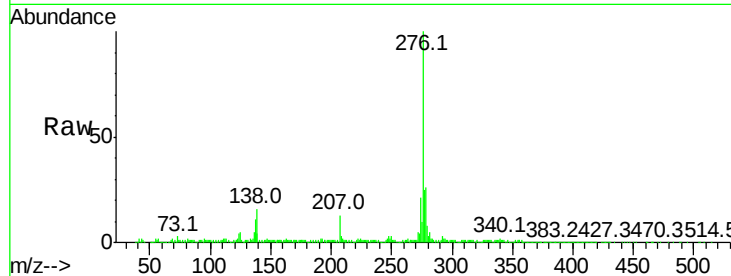
#90
Dibenzo(a,h)anthracene
Concen: 2.86 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. -0.00 min
Lab File: BM007041.D
Acq: 12 Aug 2016 13:35

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.5	14.3#
279	30.4	19.1	28.7#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 9.16 ng/ul
RT: 26.66 min Scan# 4092
Delta R.T. 0.02 min
Lab File: BM007041.D
Acq: 12 Aug 2016 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.5	20.3
277	25.4	19.3	28.9

