

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007097.D
 Acq On : 14 Aug 2016 08:36
 Operator : UM/SJ
 Sample : H4387-12
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-1218-01

Manual Integrations
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Quant Time: Aug 15 14:09:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 10:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	347590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1459000	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	851925	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1960352	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2407404	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2712299	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	40257	5.06	ng/uL	0.00
5) Phenol-d5	6.97	99	750367	26.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	445160	27.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	619493	27.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	554791	23.94	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	296484	27.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	332169	29.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	616996	26.02	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	681365	24.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1859218	26.41	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2308560	27.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	264616	20.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	1621212	26.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	241066	22.25	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2461479	27.10	ng/ul	0.00
76) Pyrene-d10	19.57	212	2907329	28.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3469051	27.96	ng/ul	-0.01

Target Compounds

						Qvalue
6) Phenol	7.00	94	67271	2.27	ng/ul	97
44) Dimethylphthalate	13.90	163	1869331	26.57	ng/ul	99
47) Acenaphthylene	14.16	152	208117	2.39	ng/ul	99
69) Phenanthrene	17.22	178	681646	6.47	ng/ul	99
71) Anthracene	17.32	178	204303	1.89	ng/ul	99
74) Fluoranthene	19.24	202	1126062	8.81	ng/ul	99
77) Pyrene	19.60	202	1526186	11.47	ng/ul	98
80) Benzo(a)anthracene	21.34	228	810284	5.70	ng/ul	92
82) Chrysene	21.40	228	911747	7.01	ng/ul	95
85) Benzo(b)fluoranthene	22.95	252	942351	5.77	ng/ul#	96
86) Benzo(k)fluoranthene	22.99	252	304128m	1.98	ng/ul	
88) Benzo(a)pyrene	23.53	252	829176	5.35	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	511684	2.70	ng/ul	97
91) Benzo(g,h,i)perylene	26.63	276	534154	3.33	ng/ul	98

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

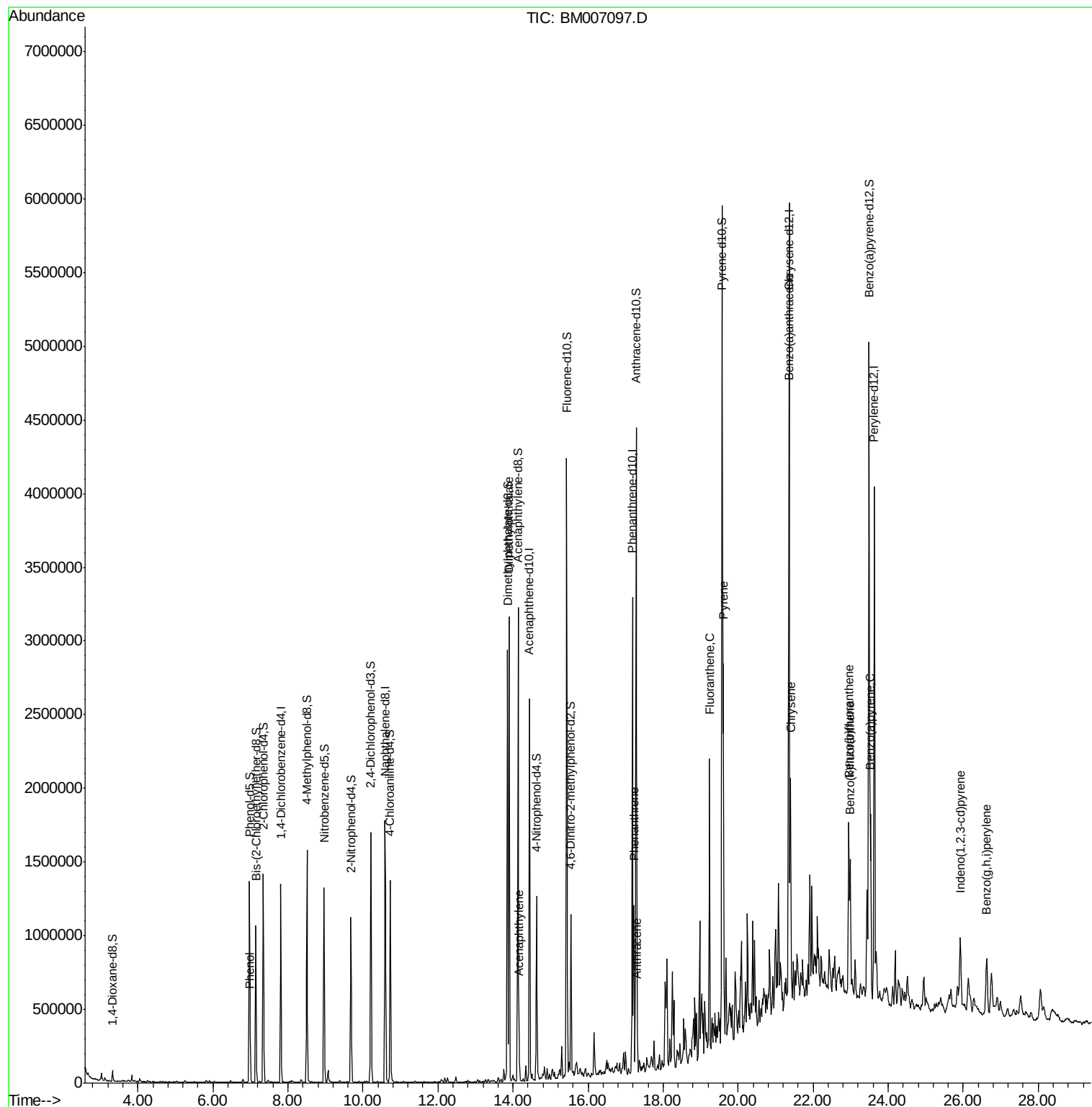
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007097.D
Acq On : 14 Aug 2016 08:36
Operator : UM/SJ
Sample : H4387-12
Misc :
ALS Vial : 62 Sample Multiplier: 1

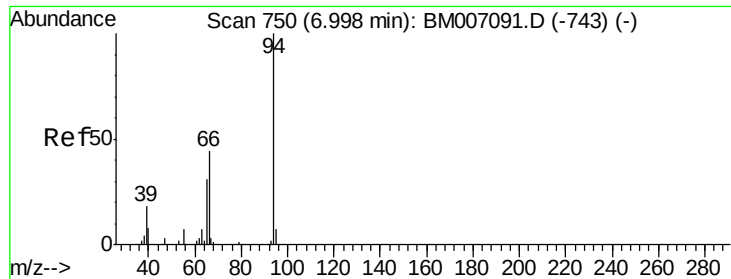
Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

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Quant Time: Aug 15 14:09:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.27 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM007097.D

Acq: 14 Aug 2016 08:36

Instrument :

BNA_M

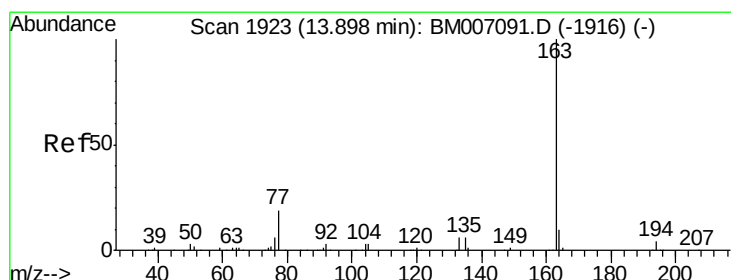
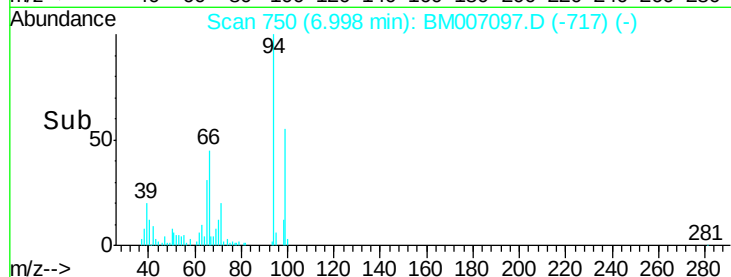
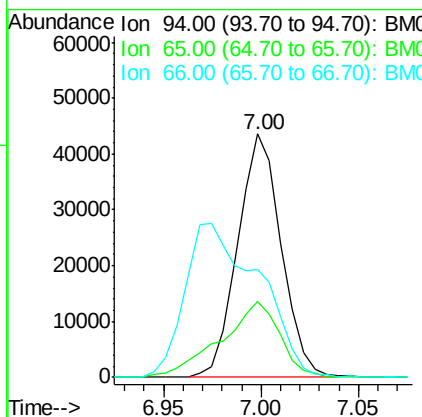
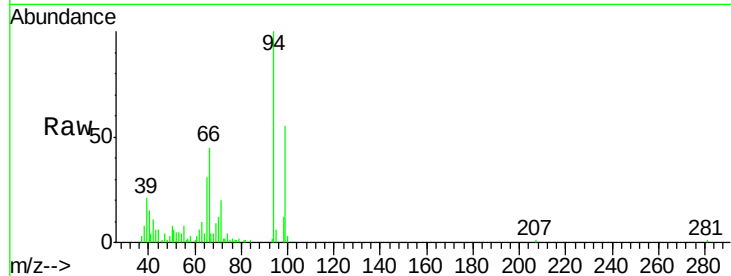
ClientSampleId :

P003-SS003-1218-01

Tgt Ion:	94	Resp:	67271
Ion	Ratio	Lower	Upper
94	100		
65	31.2	23.9	35.9
66	44.5	33.5	50.3

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#44

Dimethylphthalate

Concen: 26.57 ng/ul

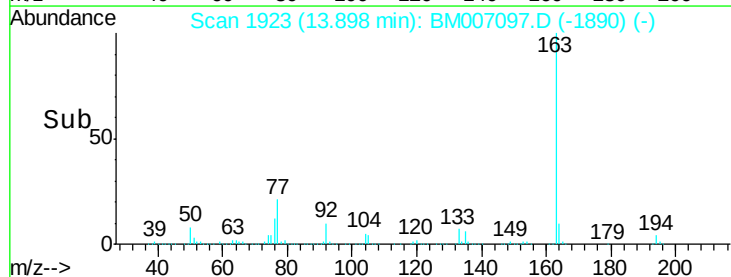
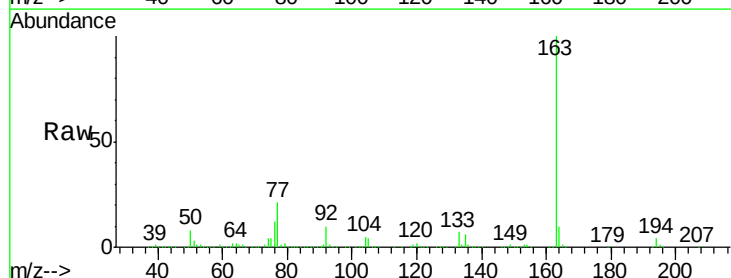
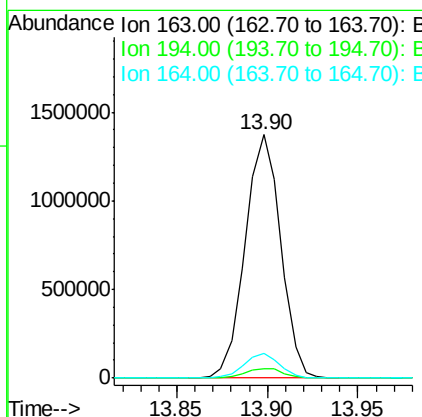
RT: 13.90 min Scan# 1923

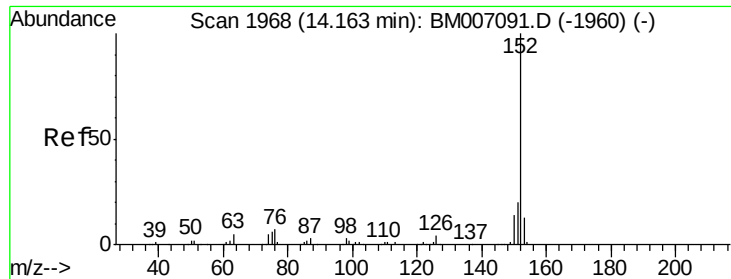
Delta R.T. -0.01 min

Lab File: BM007097.D

Acq: 14 Aug 2016 08:36

Tgt Ion:	163	Resp:	1869331
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.0	7.8	11.8





#47

Acenaphthylene

Concen: 2.39 ng/ul

RT: 14.16 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM007097.D

Acq: 14 Aug 2016 08:36

Instrument :

BNA_M

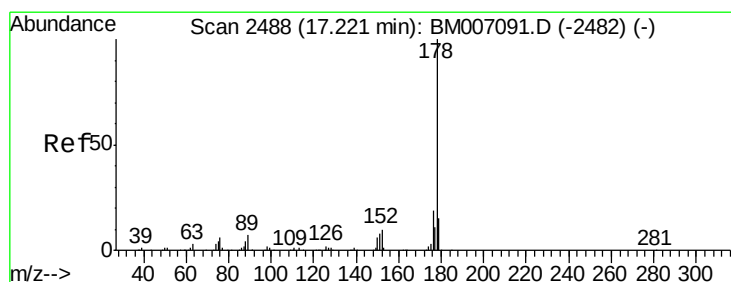
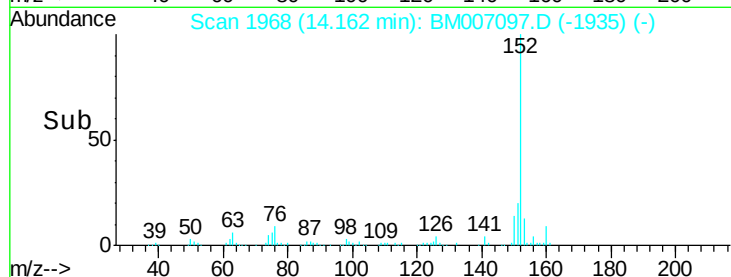
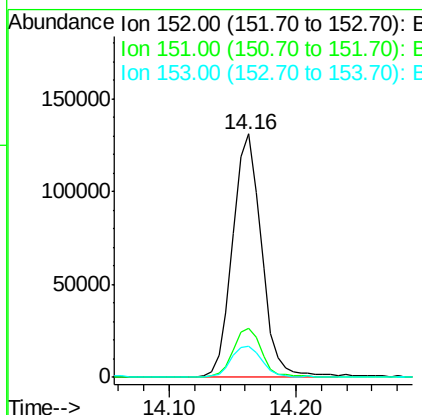
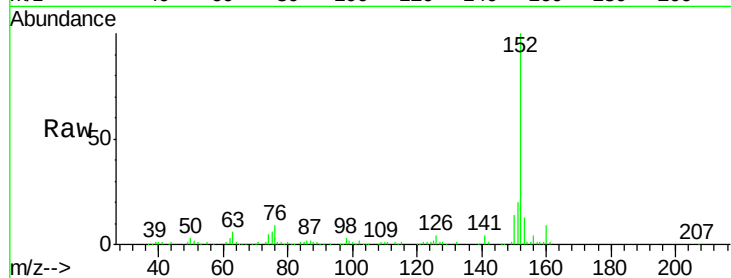
ClientSampleId :

P003-SS003-1218-01

Tgt Ion:	152	Resp:	208117
Ion Ratio		Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.8	11.0	16.6

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#69

Phenanthrene

Concen: 6.47 ng/ul

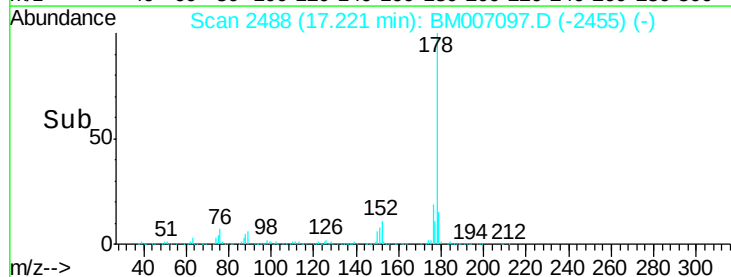
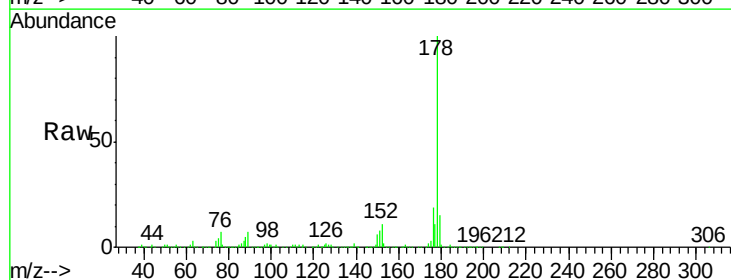
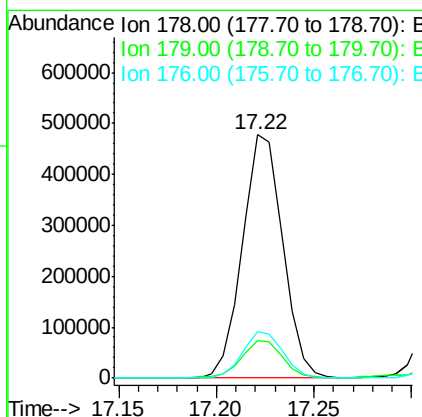
RT: 17.22 min Scan# 2488

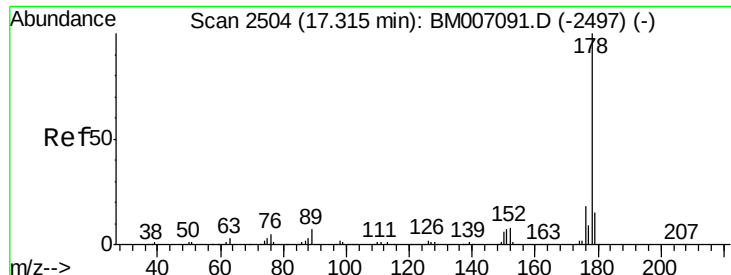
Delta R.T. -0.01 min

Lab File: BM007097.D

Acq: 14 Aug 2016 08:36

Tgt Ion:	178	Resp:	681646
Ion Ratio		Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.3	15.1	22.7





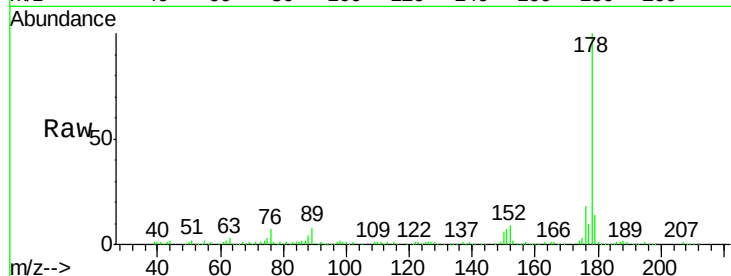
#71
 Anthracene
 Concen: 1.89 ng/ul
 RT: 17.32 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BM007097.D
 Acq: 14 Aug 2016 08:36

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-1218-01

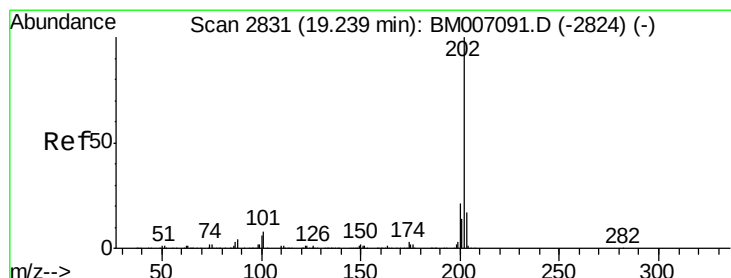
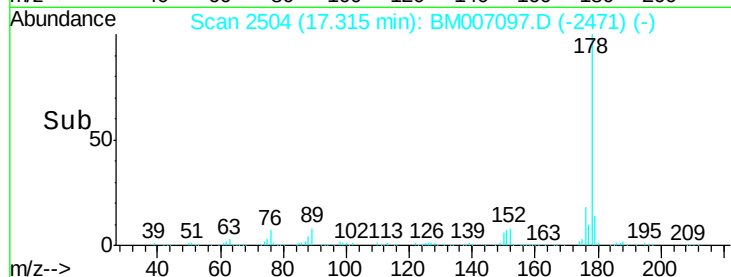
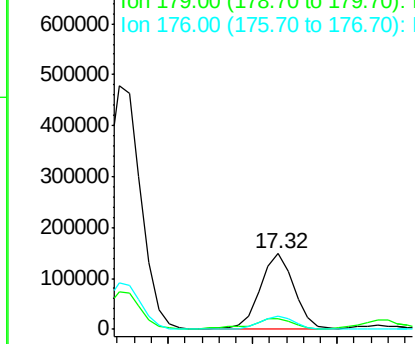
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.1	18.1
176	17.8	14.5	21.7

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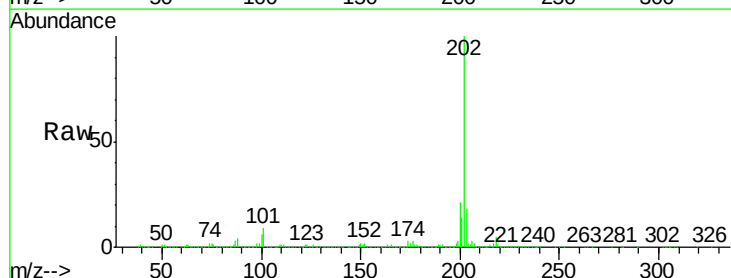


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

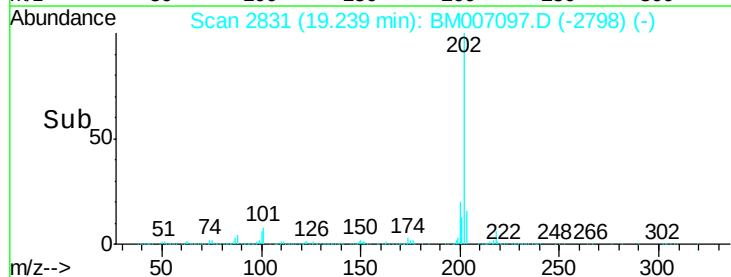
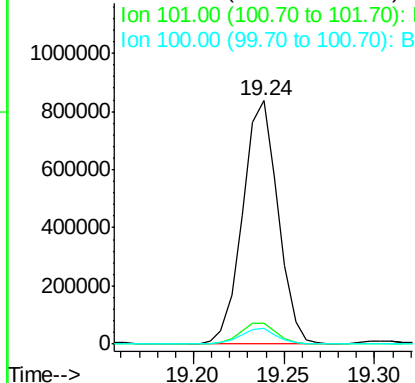


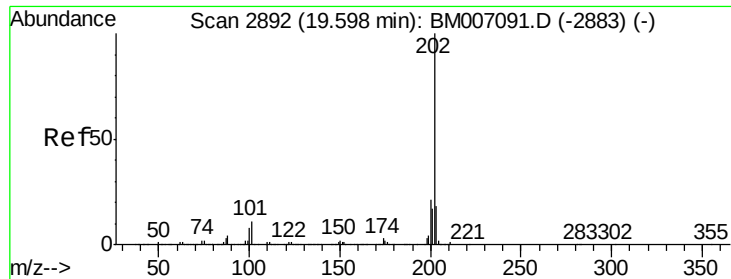
#74
 Fluoranthene
 Concen: 8.81 ng/ul
 RT: 19.24 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM007097.D
 Acq: 14 Aug 2016 08:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	6.4	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





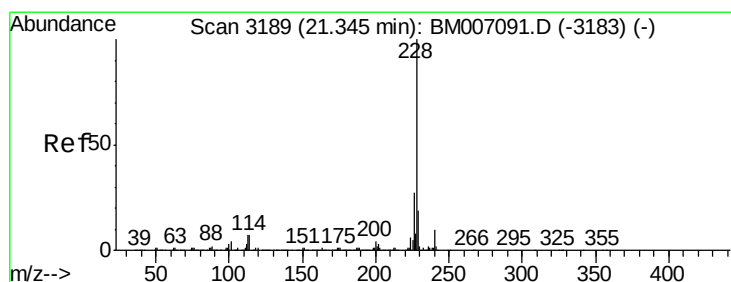
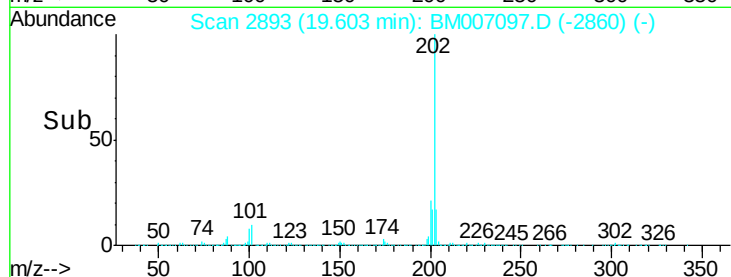
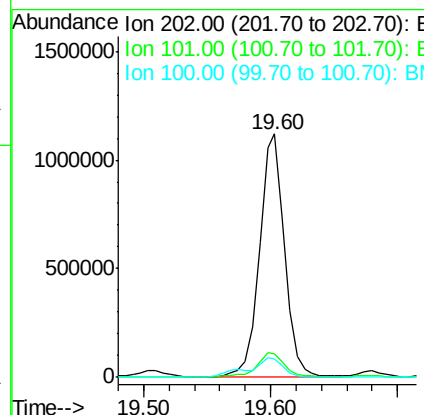
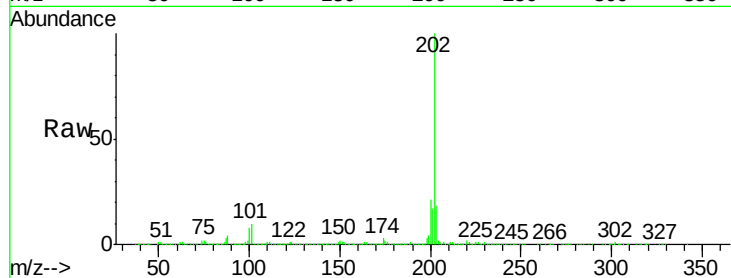
#77
Pyrene
 Concen: 11.47 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007097.D
 Acq: 14 Aug 2016 08:36

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1526186		
101	9.9		8.4	12.6
100	7.7		6.9	10.3

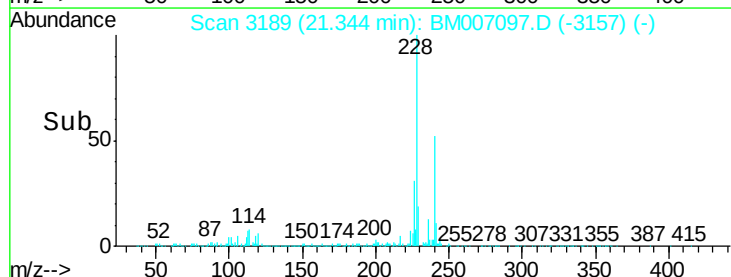
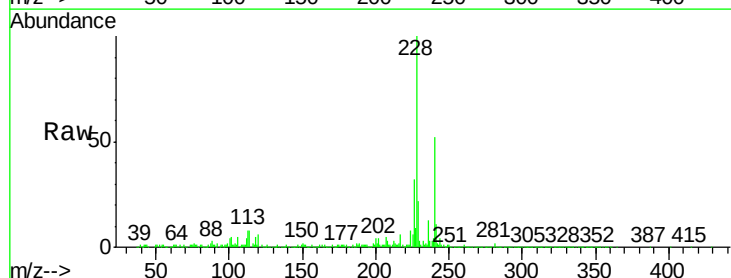
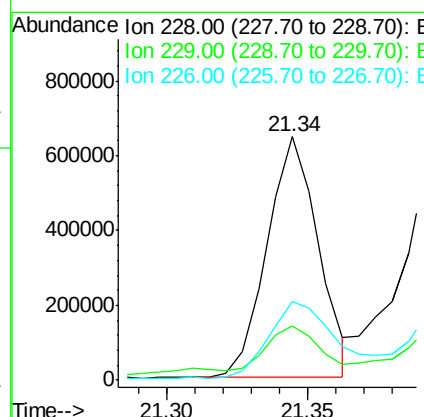
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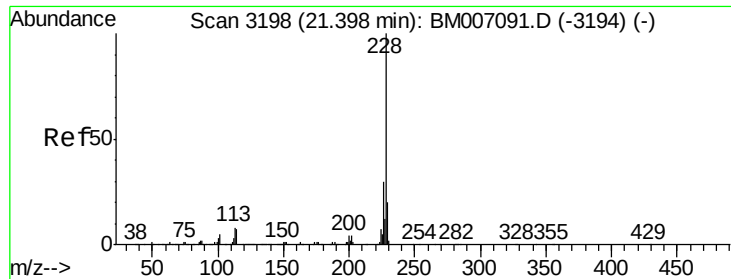
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#80
Benzo(a)anthracene
 Concen: 5.70 ng/ul
 RT: 21.34 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BM007097.D
 Acq: 14 Aug 2016 08:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	810284		
229	22.1		15.6	23.4
226	32.4		21.8	32.8





#82

Chrysene

Concen: 7.01 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007097.D

Acq: 14 Aug 2016 08:36

Instrument :

BNA_M

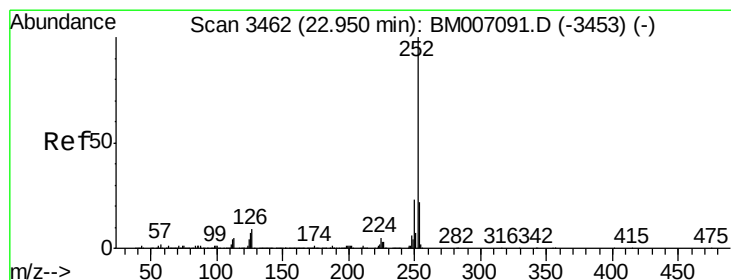
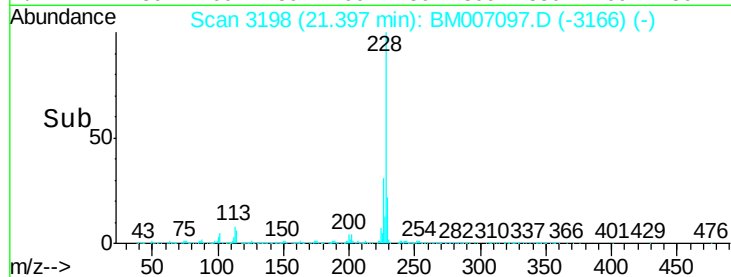
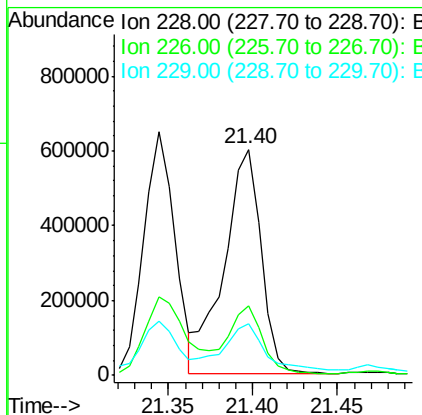
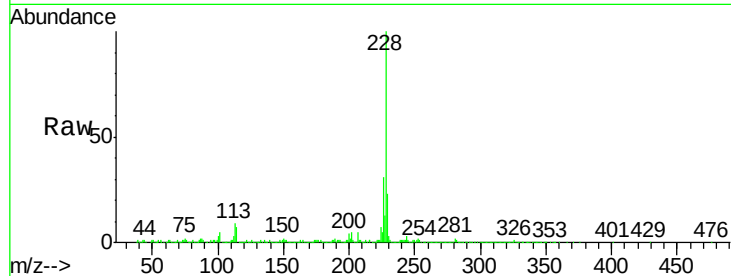
ClientSampleId :

P003-SS003-1218-01

Tgt Ion:	228	Resp:	911747
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.2
229	23.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 5.77 ng/ul

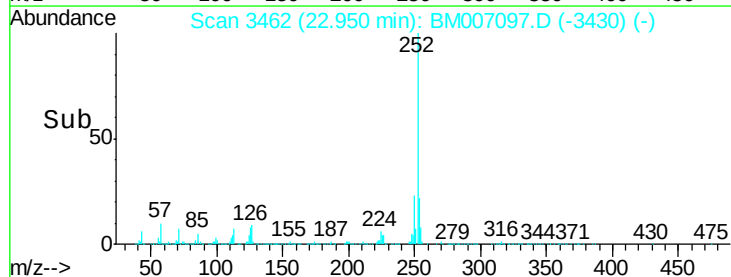
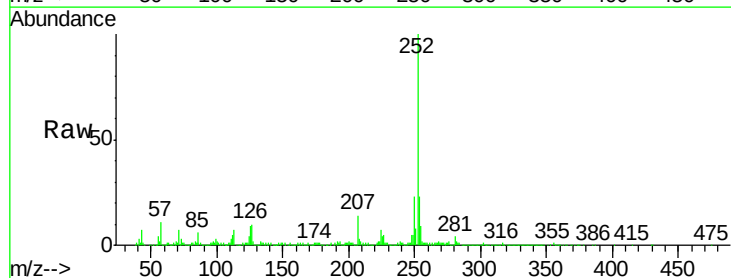
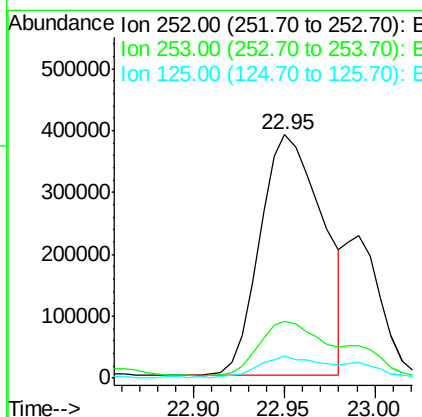
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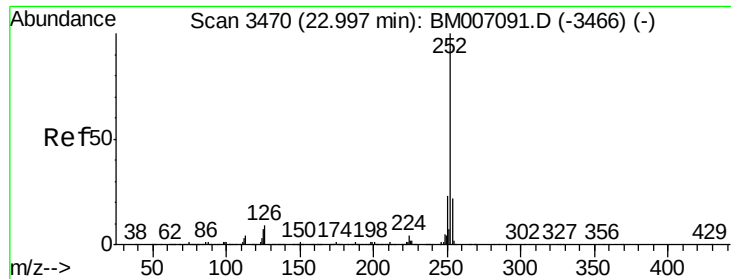
Delta R.T. -0.01 min

Lab File: BM007097.D

Acq: 14 Aug 2016 08:36

Tgt Ion:	252	Resp:	942351
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	8.9	5.8	8.8#





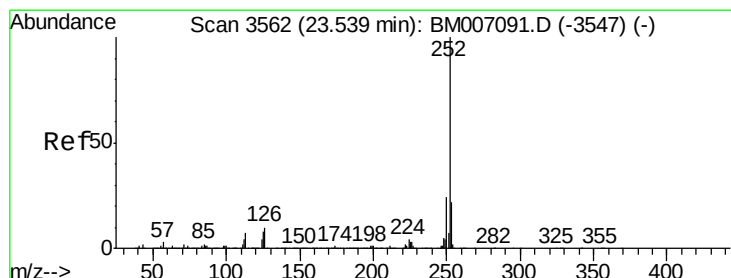
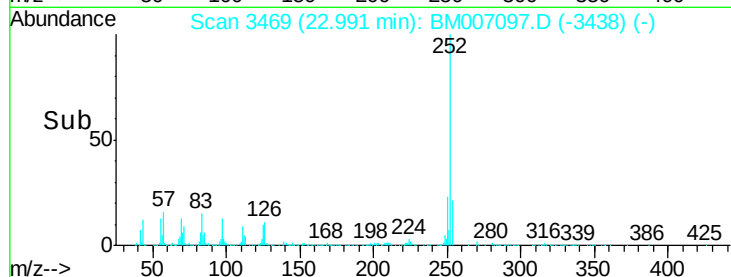
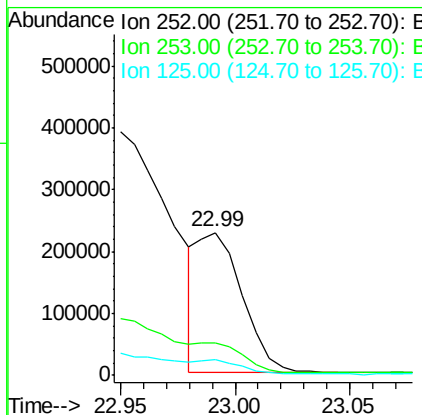
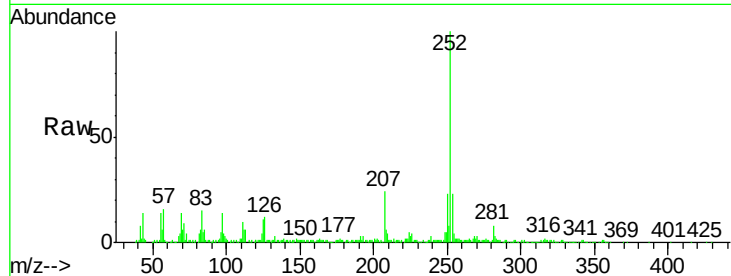
#86
Benzo(k)fluoranthene
Concen: 1.98 ng/ul m
RT: 22.99 min Scan# 3469
Delta R.T. -0.02 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	304128		
253	22.6	17.6	26.4	
125	10.6	5.7	8.5#	

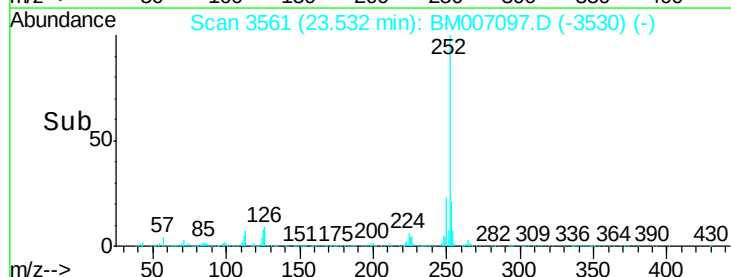
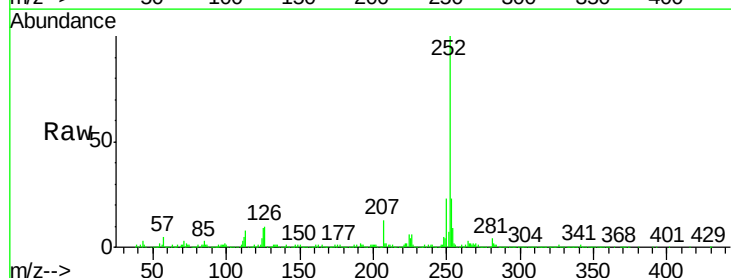
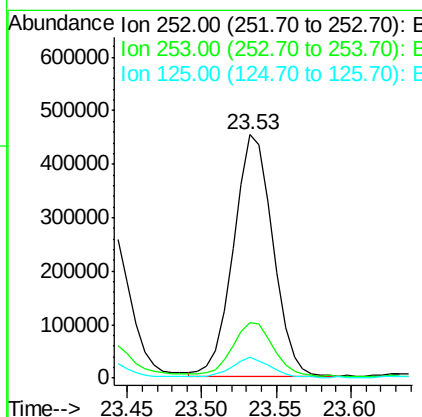
Manual Integrations
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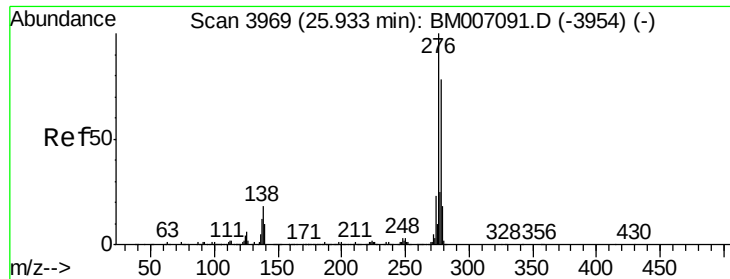
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#88
Benzo(a)pyrene
Concen: 5.35 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.02 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	829176		
253	23.0	17.7	26.5	
125	8.6	6.6	9.8	





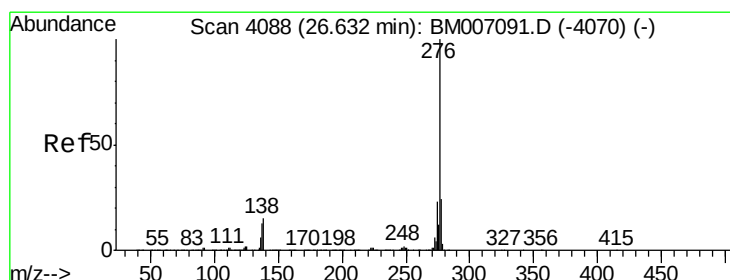
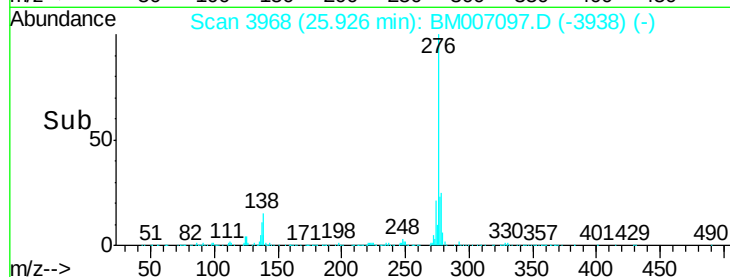
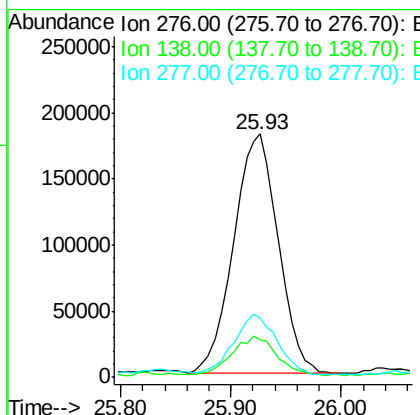
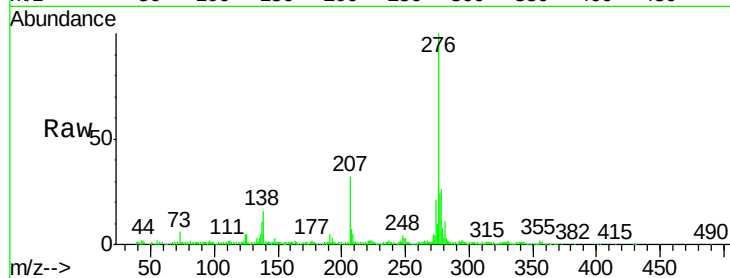
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.70 ng/ul
 RT: 25.93 min Scan# 3968
 Delta R.T. -0.02 min
 Lab File: BM007097.D
 Acq: 14 Aug 2016 08:36

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-1218-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.9	20.9
277	24.2	20.1	30.1

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:55:53 PM



#91
 Benzo(g,h,i)perylene
 Concen: 3.33 ng/ul
 RT: 26.63 min Scan# 4087
 Delta R.T. -0.03 min
 Lab File: BM007097.D
 Acq: 14 Aug 2016 08:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.5	20.3
277	23.9	19.3	28.9

