

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004553.D
 Acq On : 04 Mar 2016 04:01
 Operator : SJ/UM
 Sample : H1616-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS003-01

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Quant Time: Mar 04 06:57:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	35805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	176189	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	104852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	220943	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	151602	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	140530	20.00	ng/ul	0.01

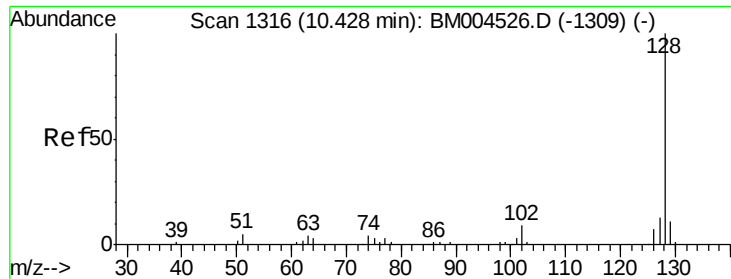
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2167	3.26	ng/uL	0.00
5) Phenol-d5	6.85	99	60841	21.09	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	29698	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	56175	21.84	ng/ul	0.03
13) 4-Methylphenol-d8	8.37	113	33231	13.07	ng/ul	0.05
19) Nitrobenzene-d5	8.76	128	29332	22.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	35174	23.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	58809	21.57	ng/ul	0.06
29) 4-Chloroaniline-d4	10.53	131	48676	14.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	202251	23.19	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	242258	22.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	17917m	13.93	ng/ul	0.15
58) Fluorene-d10	15.26	176	174612	23.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	25546	17.81	ng/ul	0.00
71) Anthracene-d10	17.12	188	251213	23.24	ng/ul	0.00
79) Pyrene-d10	19.42	212	228078	27.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	172422	23.06	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.43	128	13539	1.40	ng/ul	98
45) Dimethylphthalate	13.72	163	85023	9.27	ng/ul	100
70) Phenanthrene	17.06	178	100762	7.61	ng/ul	99
72) Anthracene	17.15	178	20766	1.54	ng/ul	99
77) Fluoranthene	19.09	202	160899	11.28	ng/ul	99
80) Pyrene	19.45	202	137157	12.47	ng/ul	99
83) Benzo(a)anthracene	21.21	228	57231	5.85	ng/ul	97
85) Chrysene	21.26	228	53808	5.74	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	66810	7.14	ng/ul#	94
89) Benzo(k)fluoranthene	22.81	252	22369m	2.41	ng/ul	
91) Benzo(a)pyrene	23.34	252	48017	5.43	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.67	276	34387	3.90	ng/ul	96
93) Dibenzo(a,h)anthracene	25.67	278	10672	1.46	ng/ul#	51
94) Benzo(g,h,i)perylene	26.36	276	31803	4.29	ng/ul	95

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



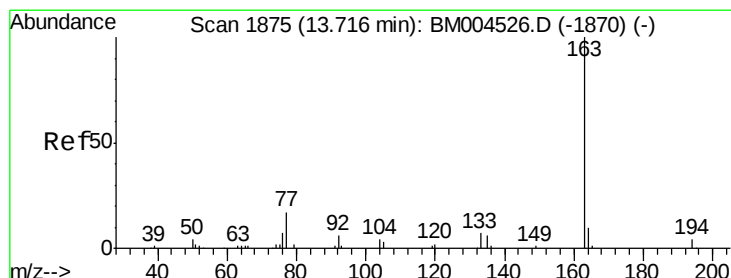
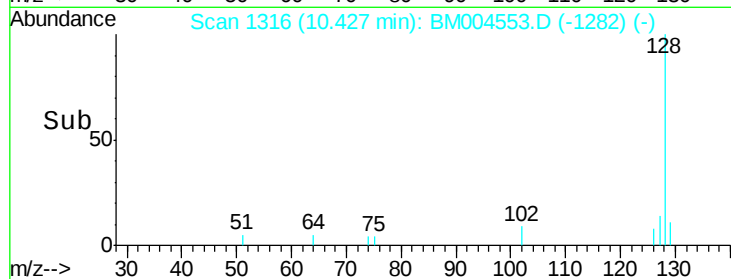
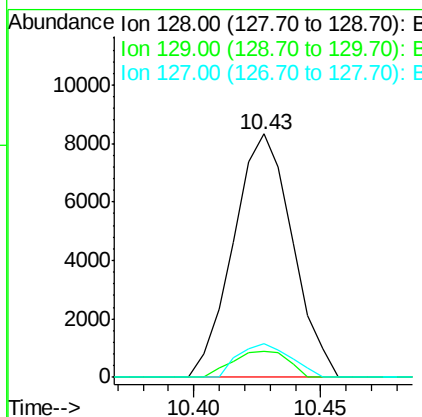
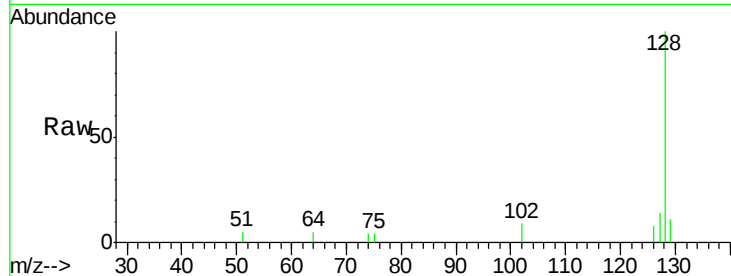
#28
Naphthalene
Concen: 1.40 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004553.D
Acq: 04 Mar 2016 04:01

Instrument :
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P010-SS003-01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.9	10.5	15.7

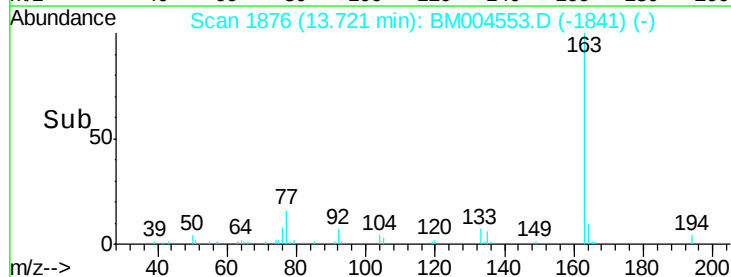
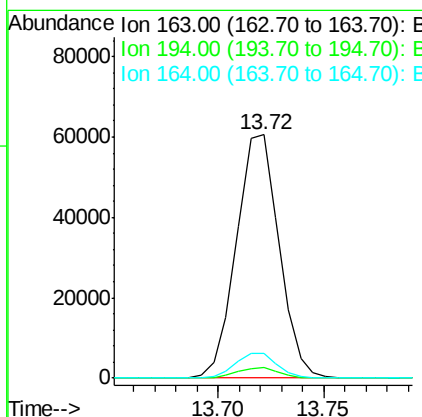
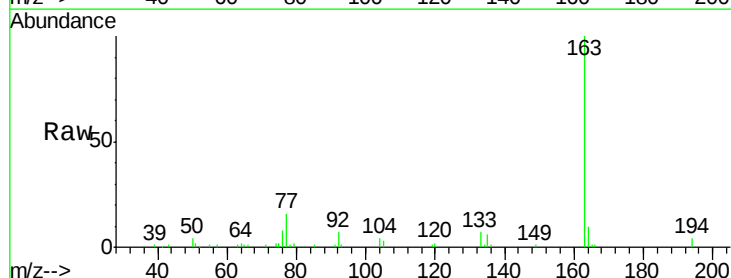
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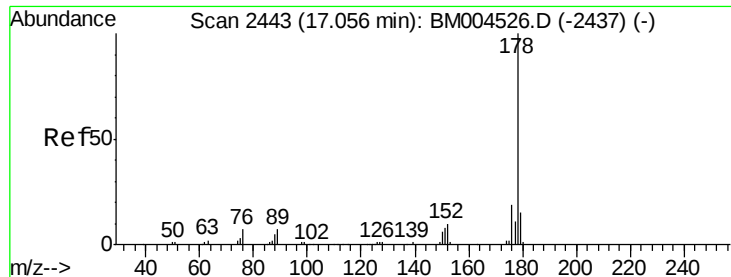
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#45
Dimethylphthalate
Concen: 9.27 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004553.D
Acq: 04 Mar 2016 04:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.9	7.8	11.8





#70

Phenanthrene

Concen: 7.61 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM004553.D

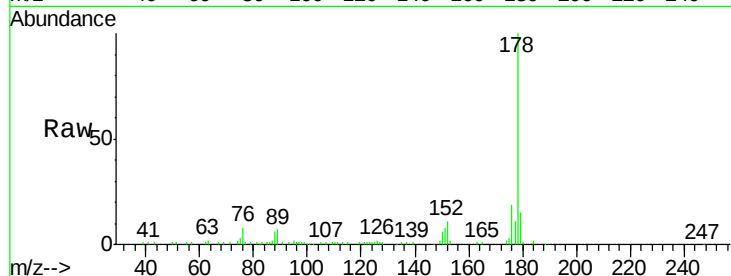
Acq: 04 Mar 2016 04:01

Instrument :

BNA_M

ClientSampleId :

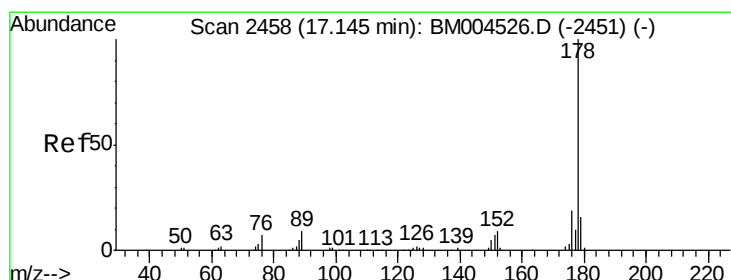
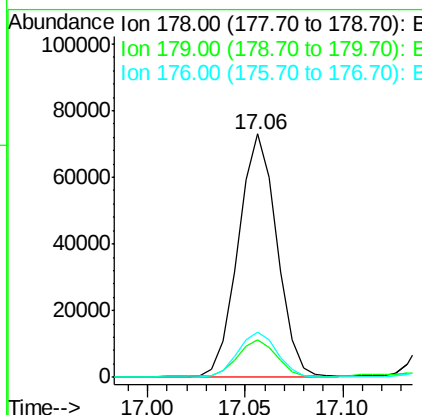
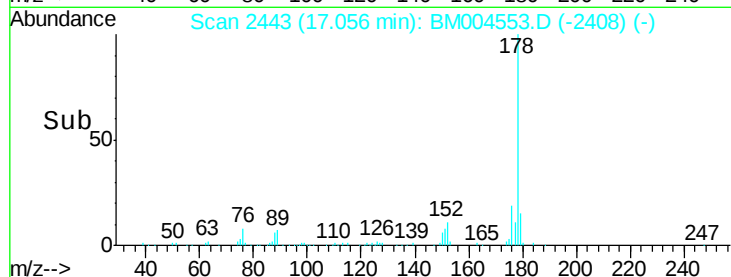
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Tgt Ion:	178	Resp:	100762
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	18.7	15.6	23.4

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#72

Anthracene

Concen: 1.54 ng/ul

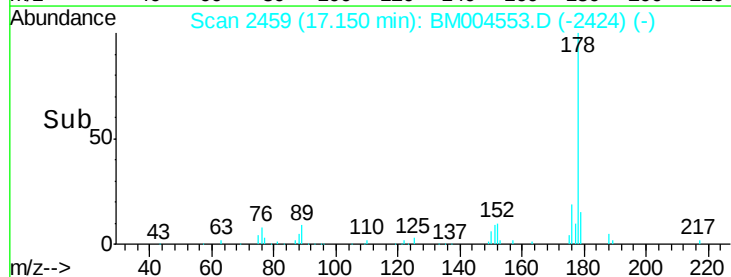
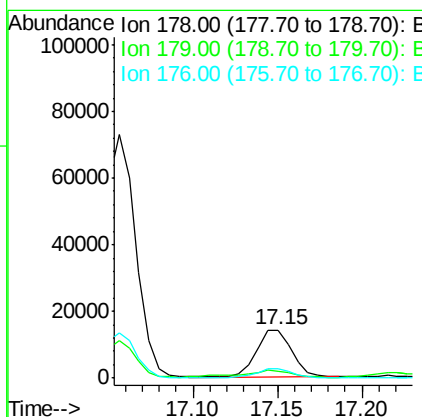
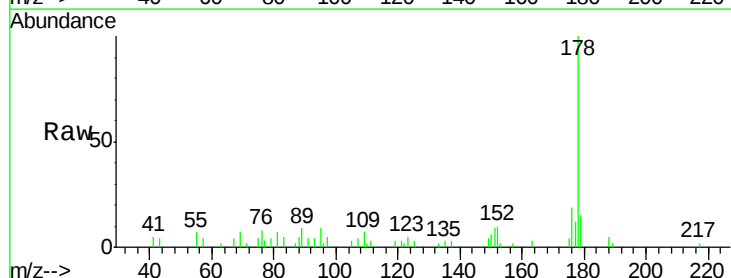
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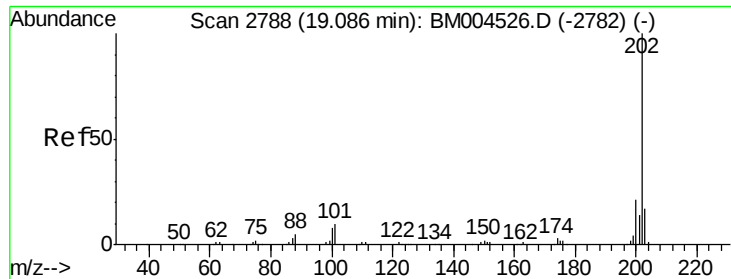
Delta R.T. 0.01 min

Lab File: BM004553.D

Acq: 04 Mar 2016 04:01

Tgt Ion:	178	Resp:	20766
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.1	18.1
176	19.2	14.8	22.2





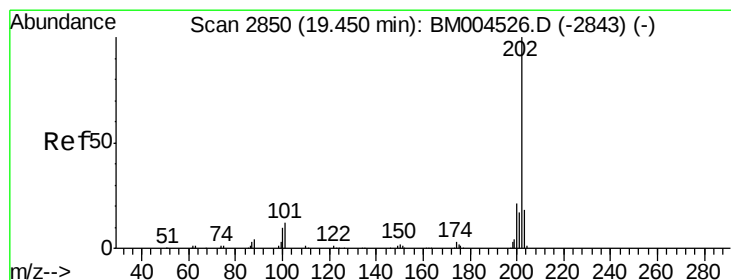
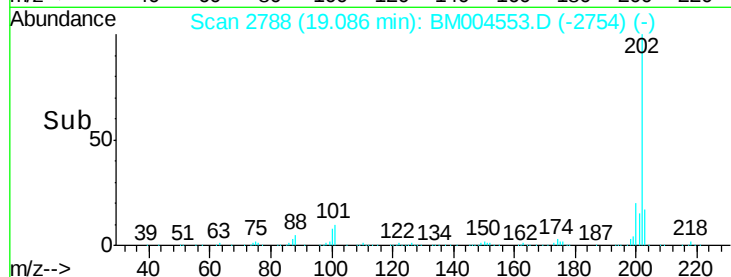
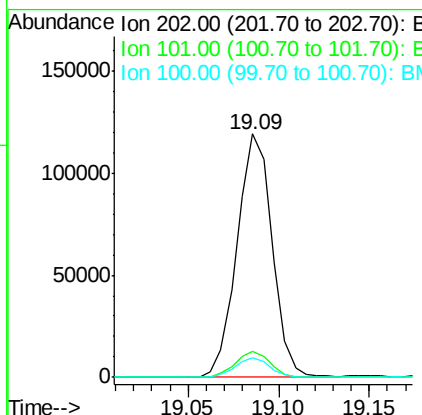
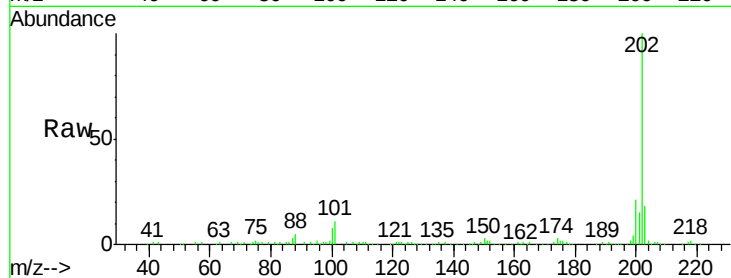
#77
Fluoranthene
 Concen: 11.28 ng/ul
 RT: 19.09 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: BM004553.D
 Acq: 04 Mar 2016 04:01

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS003-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.8	13.2
100	8.0	6.6	9.8

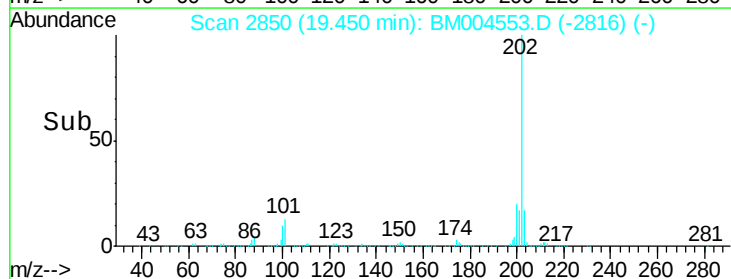
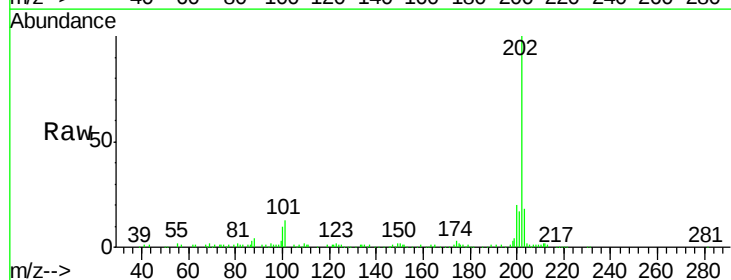
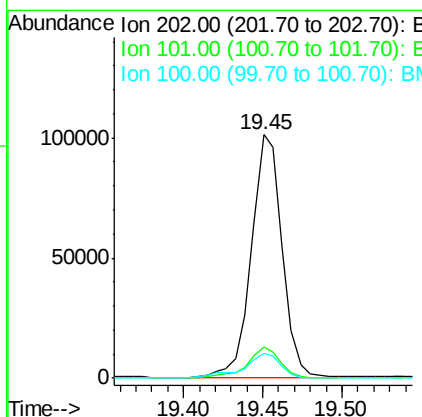
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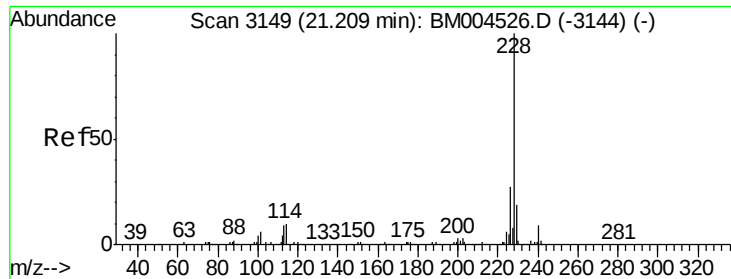
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#80
Pyrene
 Concen: 12.47 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BM004553.D
 Acq: 04 Mar 2016 04:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	10.2	15.2
100	10.2	8.5	12.7





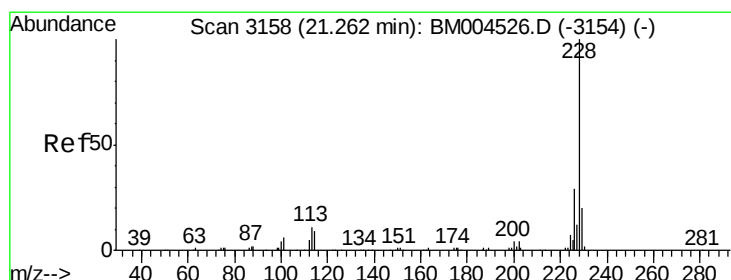
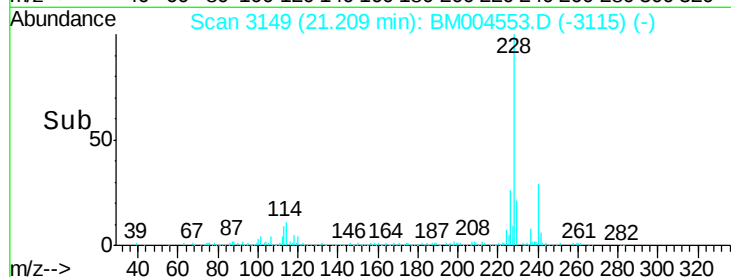
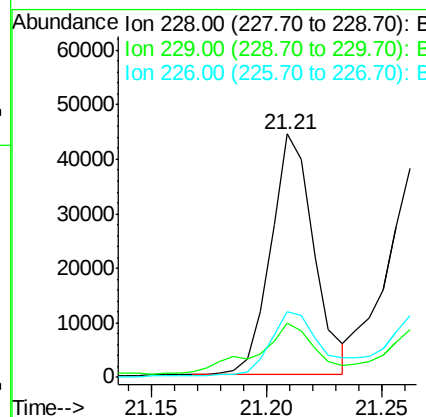
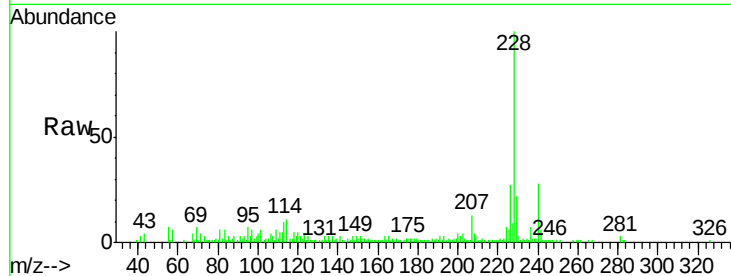
#83
Benzo(a)anthracene
Concen: 5.85 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BM004553.D
Acq: 04 Mar 2016 04:01

Instrument :
BNA_M
ClientSampleId :
P010-SS003-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	26.8	21.8	32.6

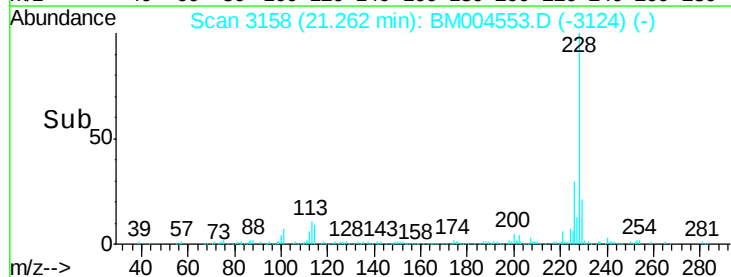
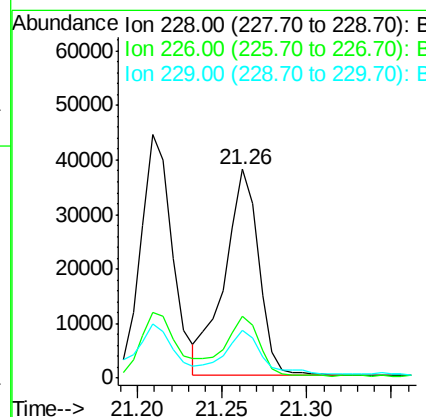
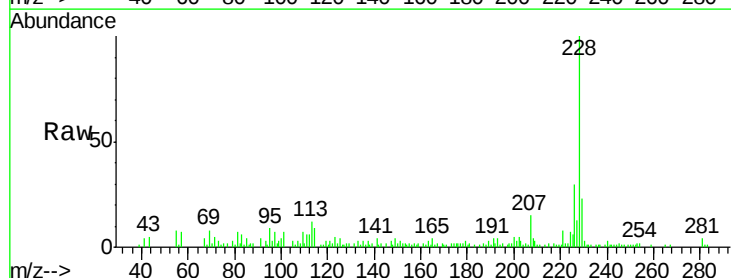
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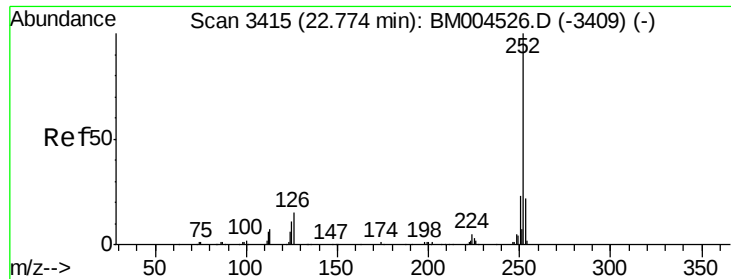
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#85
Chrysene
Concen: 5.74 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BM004553.D
Acq: 04 Mar 2016 04:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	22.8	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.14 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BM004553.D

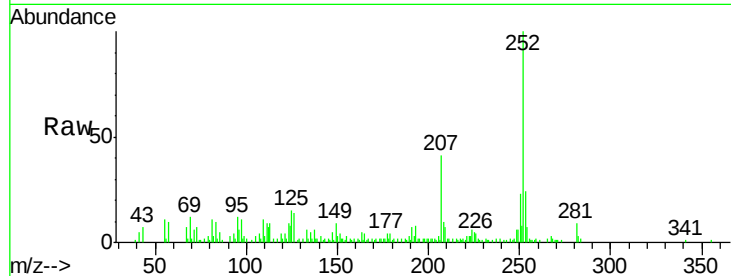
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Instrument :

BNA_M

ClientSampleId :

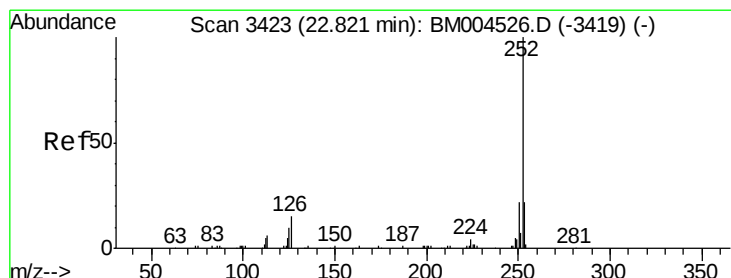
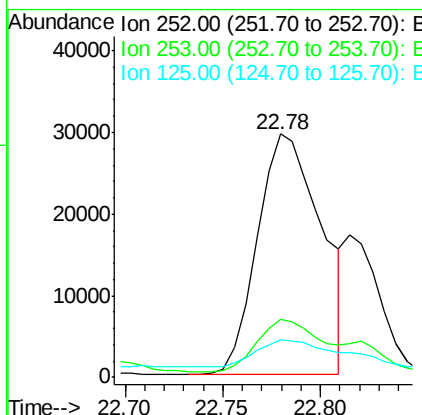
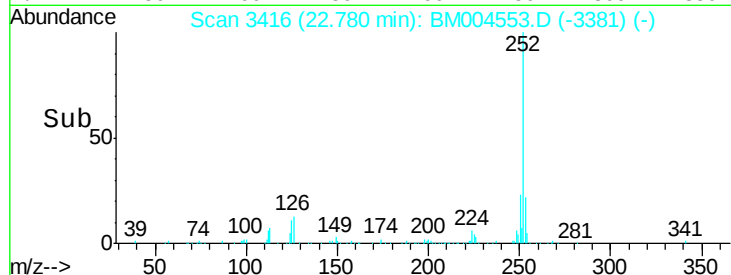
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.3	8.5	12.7#

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#89

Benzo(k)fluoranthene

Concen: 2.41 ng/ul m

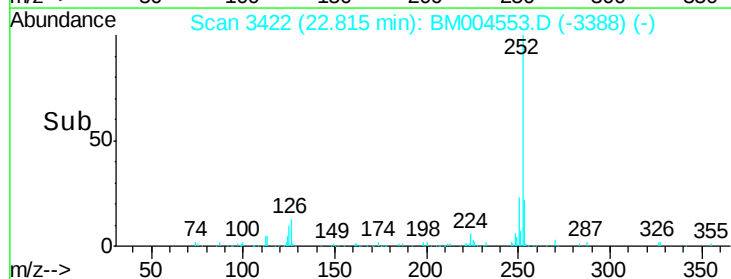
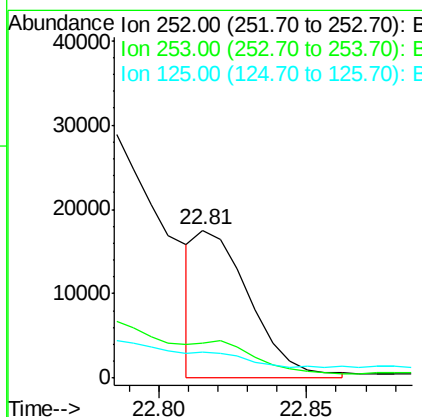
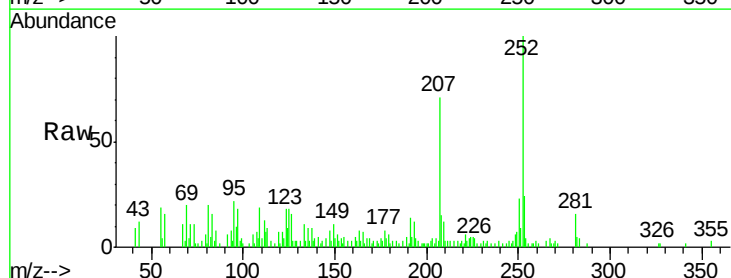
RT: 22.81 min Scan# 3422

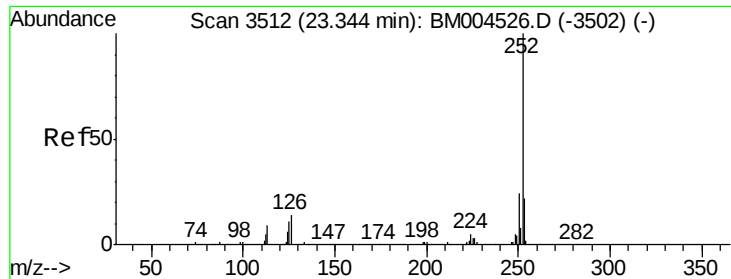
Delta R.T. -0.00 min

Lab File: BM004553.D

Acq: 04 Mar 2016 04:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	17.7	8.2	12.2#





#91

Benzo(a)pyrene

Concen: 5.43 ng/ul

RT: 23.34 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BM004553.D

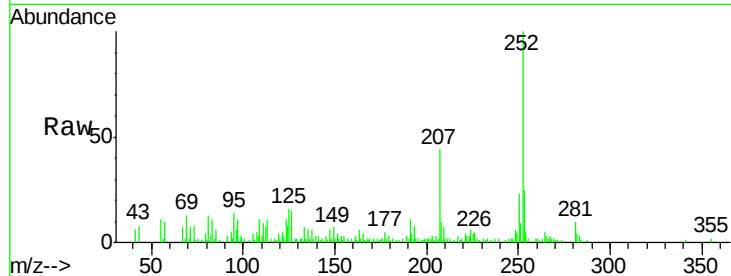
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Instrument :

BNA_M

ClientSampleId :

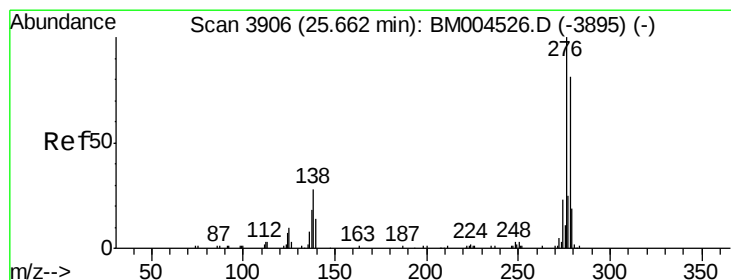
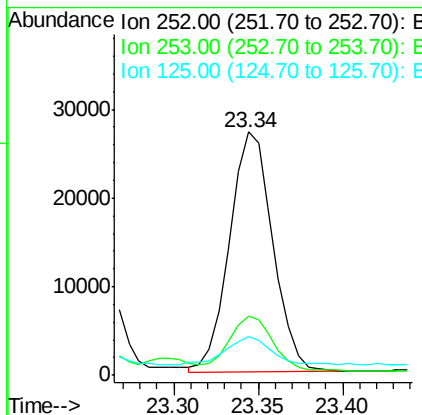
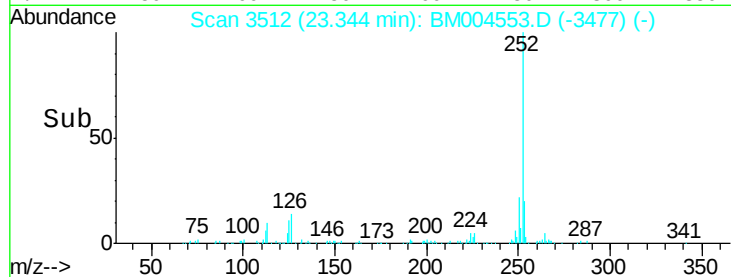
P010-SS003-01



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	15.9	9.0	13.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.90 ng/ul

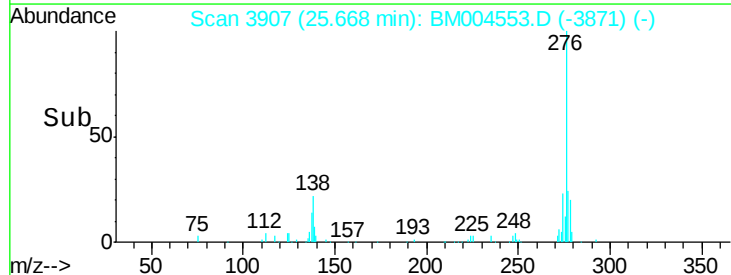
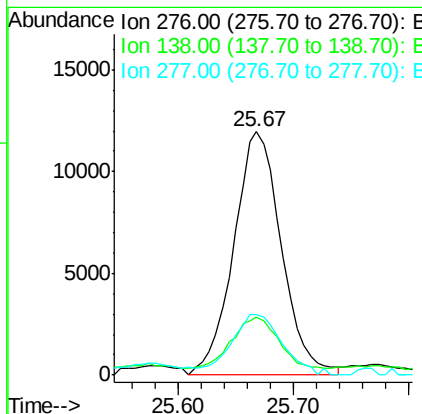
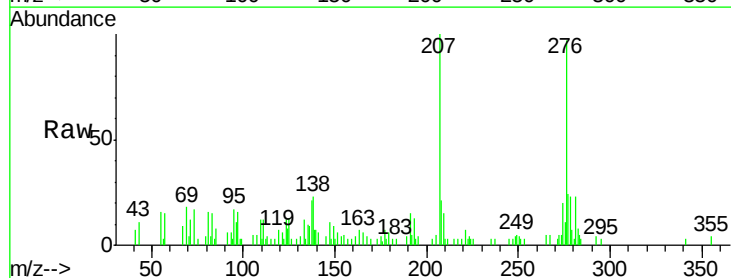
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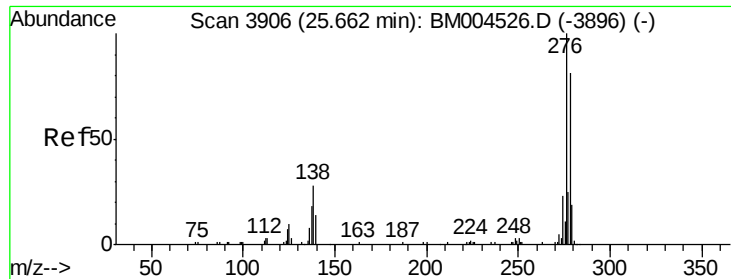
Delta R.T. 0.01 min

Lab File: BM004553.D

Acq: 04 Mar 2016 04:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.3	33.5
277	24.7	20.2	30.2





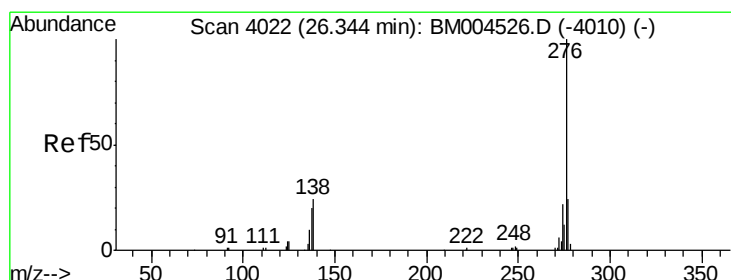
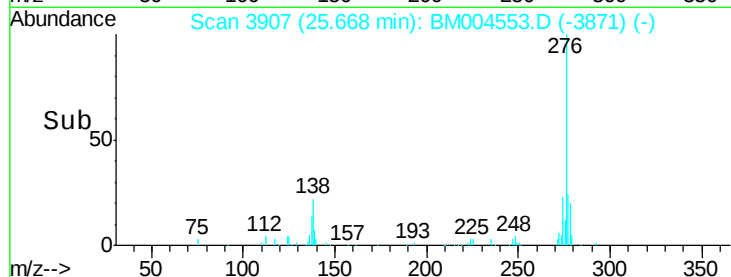
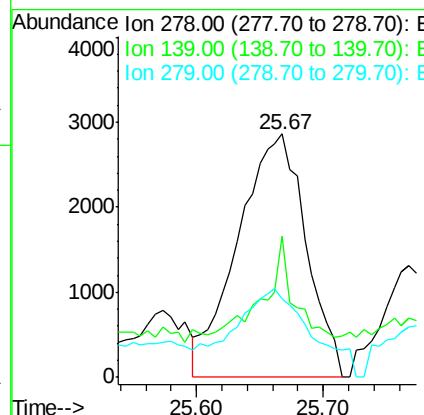
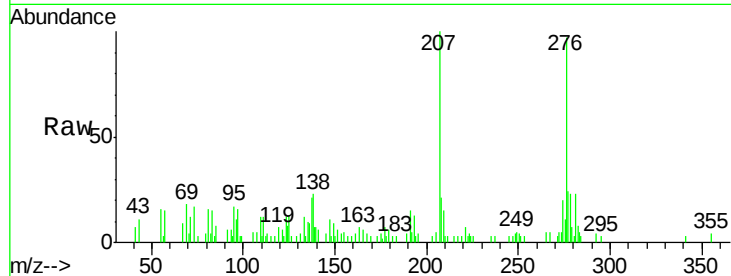
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Dibenzo(a,h)anthracene
Concen: 1.46 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM004553.D
Acq: 04 Mar 2016 04:01

Instrument :
BNA_M
ClientSampleId :
P010-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	10672		
139	57.9	13.9	20.9#	
279	32.3	19.0	28.4#	

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#94
Benzo(g,h,i)perylene
Concen: 4.29 ng/ul
RT: 26.36 min Scan# 4024
Delta R.T. 0.01 min
Lab File: BM004553.D
Acq: 04 Mar 2016 04:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	31803		
138	27.0	18.9	28.3	
277	25.5	19.2	28.8	

