

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004554.D
 Acq On : 04 Mar 2016 04:36
 Operator : SJ/UM
 Sample : H1616-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS004-01

Manual Integrations
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Quant Time: Mar 04 07:04:06 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	38944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	181398	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	102342	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	185977	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	136342	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	139088	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1950	2.69	ng/uL	0.00
5) Phenol-d5	6.85	99	55115	17.56	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	27208	17.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	52412	18.73	ng/ul	0.03
13) 4-Methylphenol-d8	8.37	113	37725	13.64	ng/ul	0.05
19) Nitrobenzene-d5	8.76	128	26115	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	30981	19.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	52727	18.78	ng/ul	0.06
29) 4-Chloroaniline-d4	10.54	131	24223	7.01	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	170475	20.03	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	209167	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	10434m	8.31	ng/ul	0.17
58) Fluorene-d10	15.26	176	143528	19.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	16245	13.45	ng/ul	0.00
71) Anthracene-d10	17.12	188	184441	20.27	ng/ul	0.00
79) Pyrene-d10	19.43	212	158989	21.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	147119	19.88	ng/ul	0.02

Target Compounds

					Qvalue
28) Naphthalene	10.43	128	66025	6.62 ng/ul	100
45) Dimethylphthalate	13.72	163	76375	8.53 ng/ul	99
70) Phenanthrene	17.06	178	21457	1.93 ng/ul#	95
77) Fluoranthene	19.09	202	16980	1.41 ng/ul	99
80) Pyrene	19.46	202	32423	3.28 ng/ul	99
83) Benzo(a)anthracene	21.22	228	17081	1.94 ng/ul#	66
84) Bis(2-ethylhexyl)phthalate	21.13	149	10180	1.85 ng/ul#	74
85) Chrysene	21.27	228	31512m	3.73 ng/ul	
88) Benzo(b)fluoranthene	22.79	252	19533	2.11 ng/ul#	70
91) Benzo(a)pyrene	23.36	252	21344	2.44 ng/ul#	76
92) Indeno(1,2,3-cd)pyrene	25.69	276	10874	1.25 ng/ul#	88
94) Benzo(g,h,i)perylene	26.37	276	23477	3.20 ng/ul#	89

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

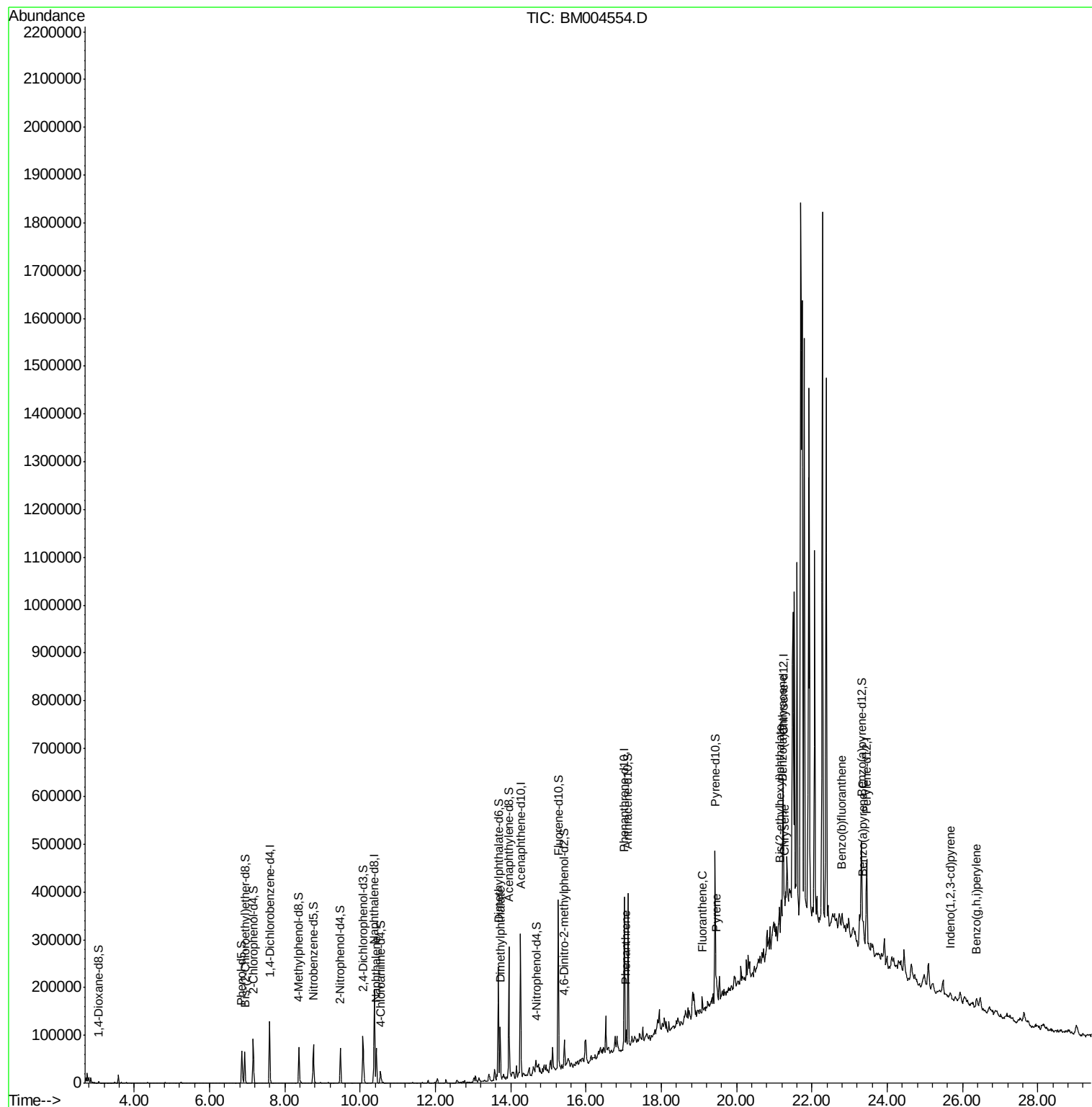
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004554.D
Acq On : 04 Mar 2016 04:36
Operator : SJ/UM
Sample : H1616-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

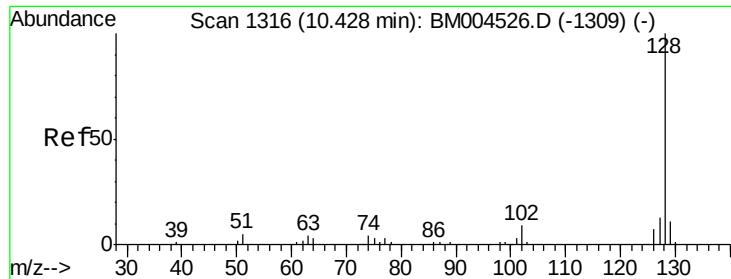
Instrument :
BNA_M
ClientSampleId :
P010-SS004-01

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Quant Time: Mar 04 07:04:06 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





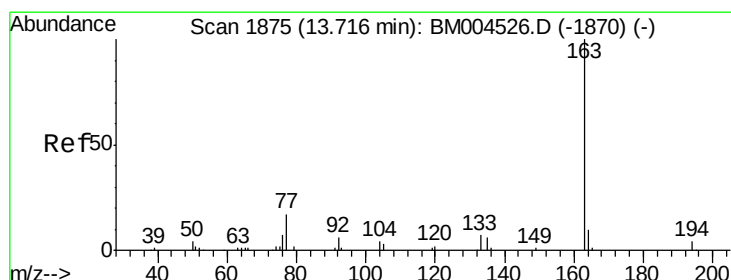
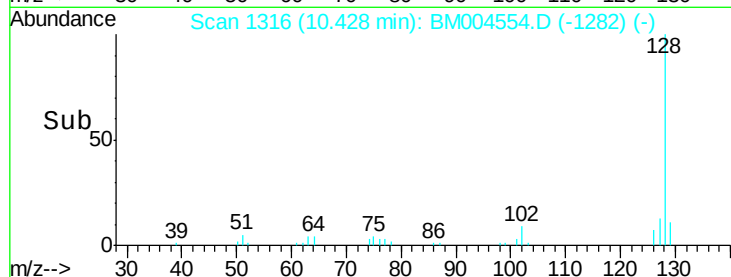
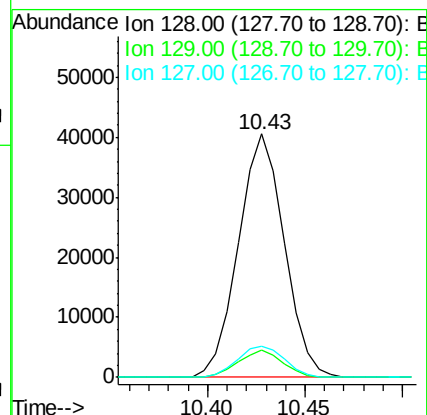
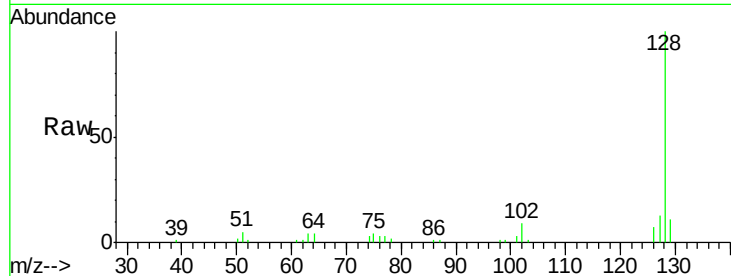
#28
Naphthalene
Concen: 6.62 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM004554.D
Acq: 04 Mar 2016 04:36

Instrument :
BNA_M
ClientSampleId :
P010-SS004-01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	66025		
129	11.1		8.8	13.2
127	12.9		10.5	15.7

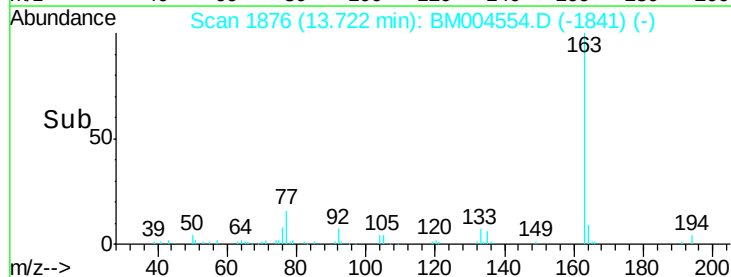
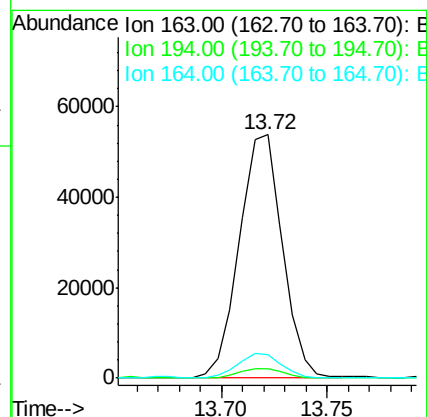
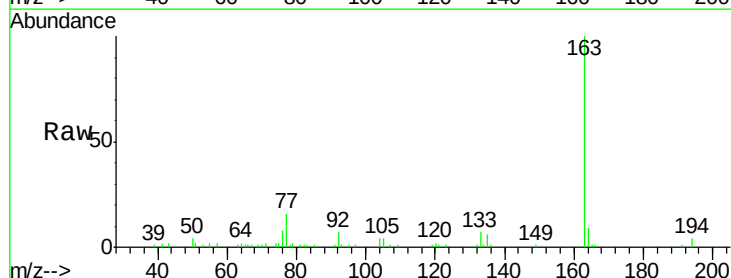
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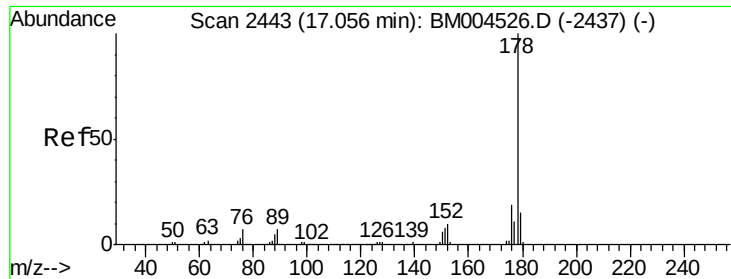
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#45
Dimethylphthalate
Concen: 8.53 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004554.D
Acq: 04 Mar 2016 04:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	76375		
194	3.9		3.2	4.8
164	9.5		7.8	11.8





#70

Phenanthrene

Concen: 1.93 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

P010-SS004-01

Tgt Ion:178 Resp: 21457
Ion Ratio Lower Upper

178 100

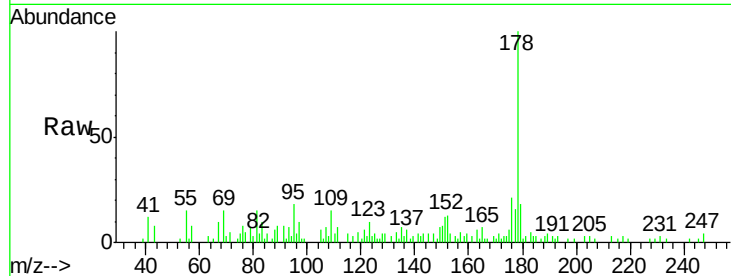
179 18.4 12.2 18.4#

176 20.7 15.6 23.4

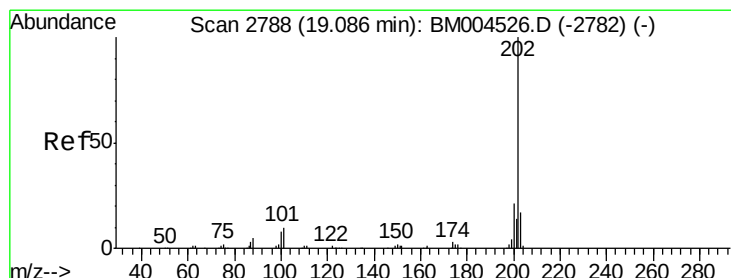
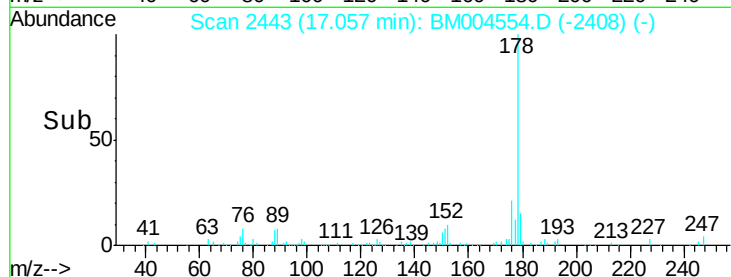
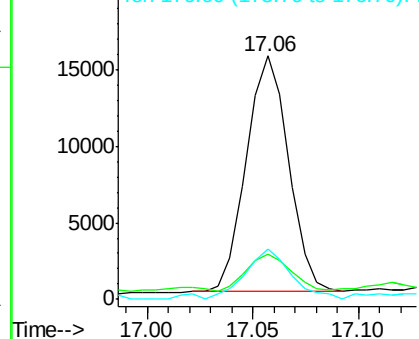
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.41 ng/ul

RT: 19.09 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM004554.D

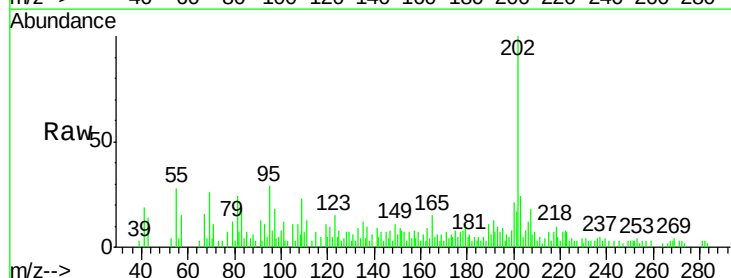
Acq: 04 Mar 2016 04:36

Tgt Ion:202 Resp: 16980
Ion Ratio Lower Upper

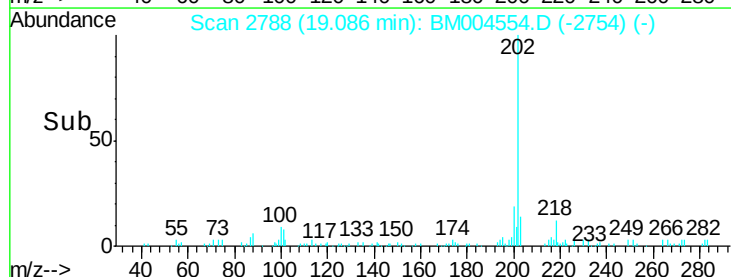
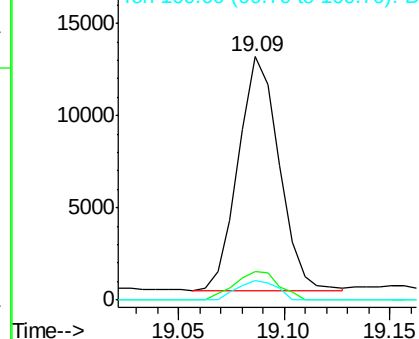
202 100

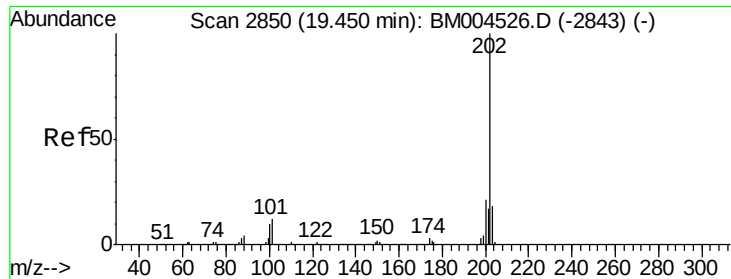
101 11.8 8.8 13.2

100 8.0 6.6 9.8



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





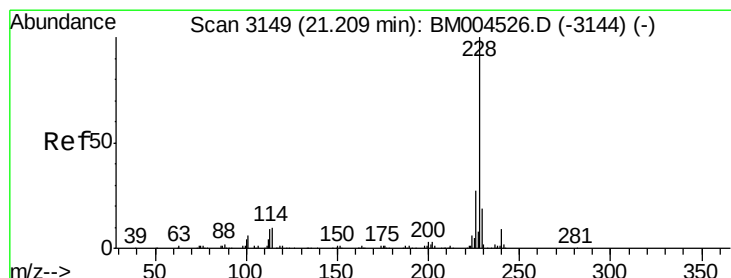
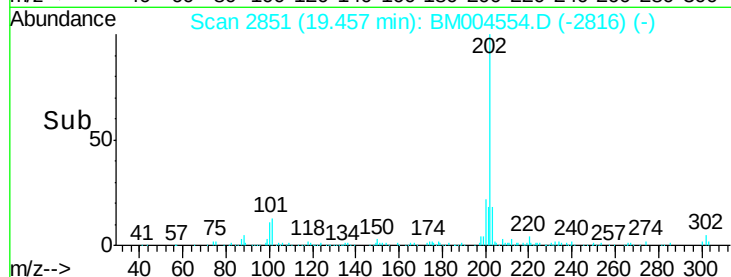
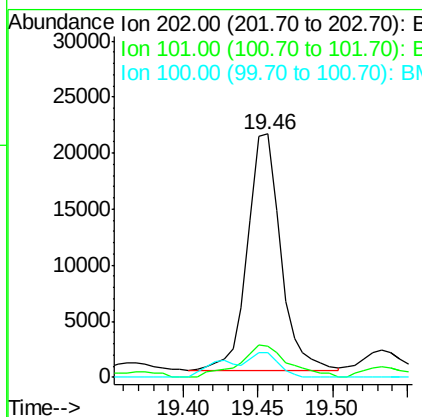
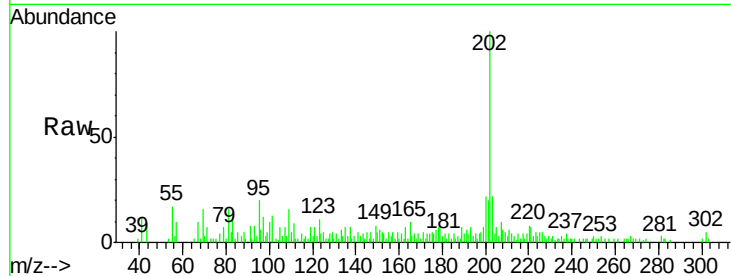
#80
 Pyrene
 Concen: 3.28 ng/ul
 RT: 19.46 min Scan# 2851
 Delta R.T. 0.01 min
 Lab File: BM004554.D
 Acq: 04 Mar 2016 04:36

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS004-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32423		
101	12.6	10.2	15.2	
100	10.1	8.5	12.7	

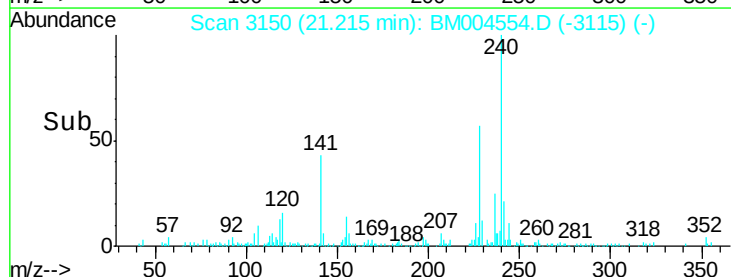
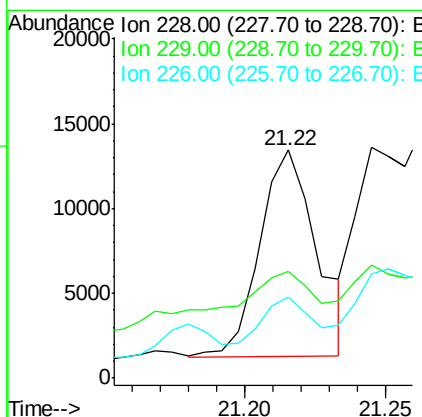
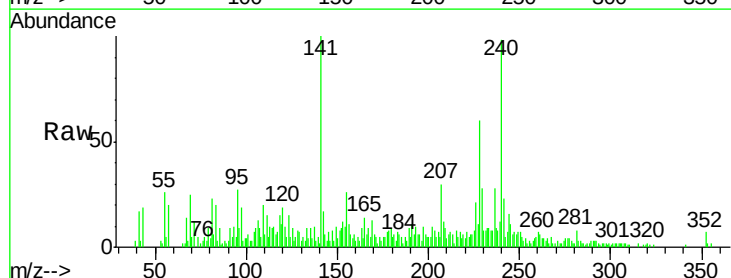
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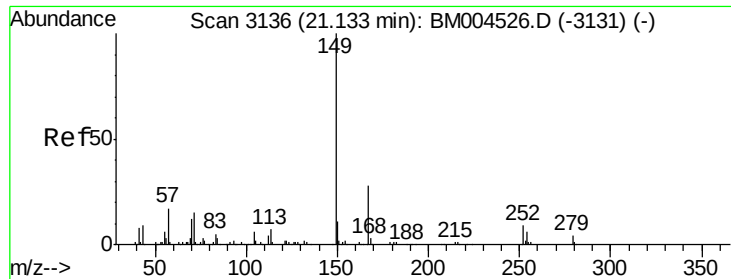
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#83
 Benzo(a)anthracene
 Concen: 1.94 ng/ul
 RT: 21.22 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BM004554.D
 Acq: 04 Mar 2016 04:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	17081		
229	46.6	15.7	23.5#	
226	35.4	21.8	32.6#	





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.85 ng/ul

RT: 21.13 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BM004554.D

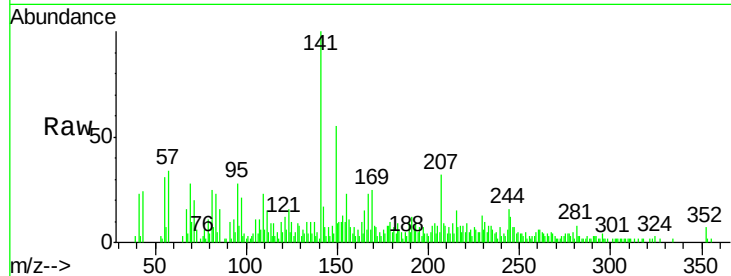
Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

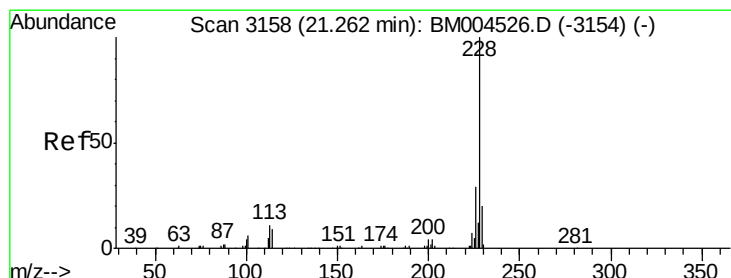
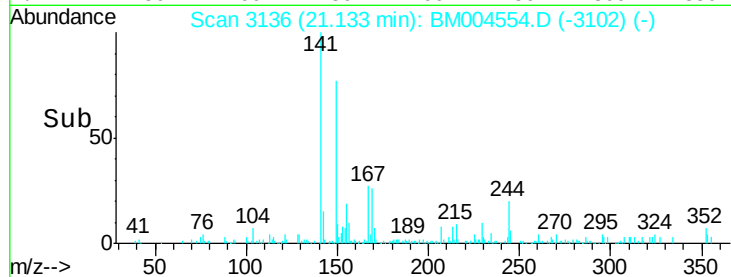
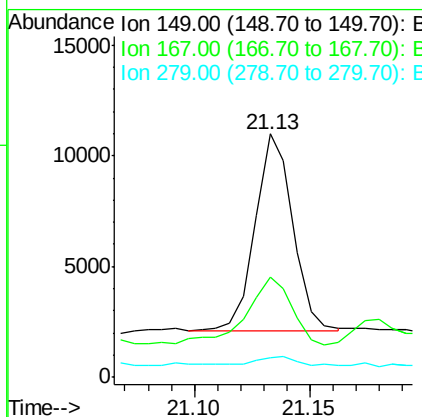
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	41.2	21.6	32.4#
279	8.2	3.0	4.4#

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#85

Chrysene

Concen: 3.73 ng/ul m

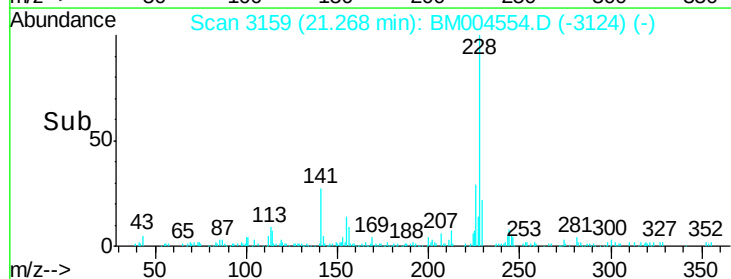
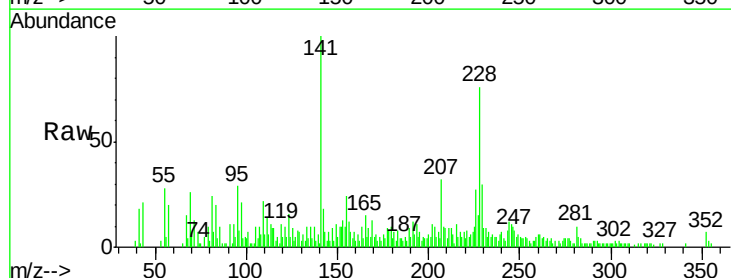
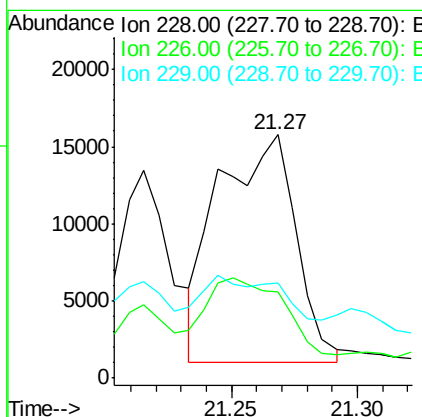
RT: 21.27 min Scan# 3159

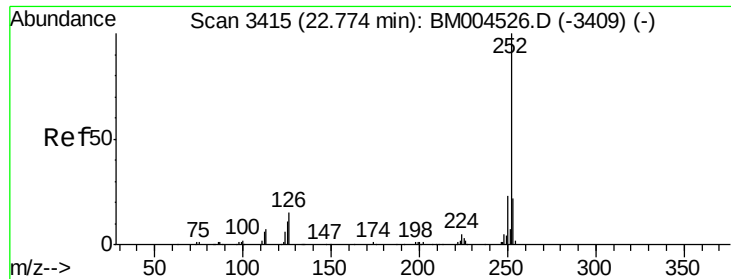
Delta R.T. 0.01 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.0	36.0
229	39.0	15.6	23.4#





#88

Benzo(b)fluoranthene

Concen: 2.11 ng/ul

RT: 22.79 min Scan# 3418

Delta R.T. 0.02 min

Lab File: BM004554.D

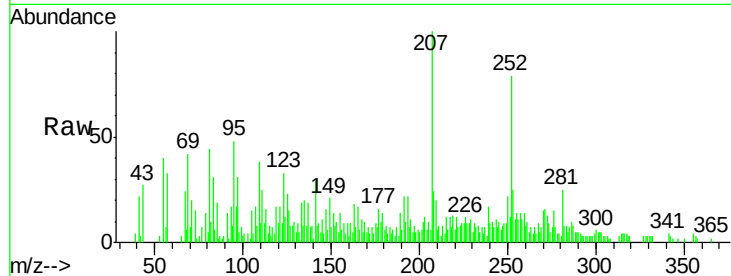
Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampled :

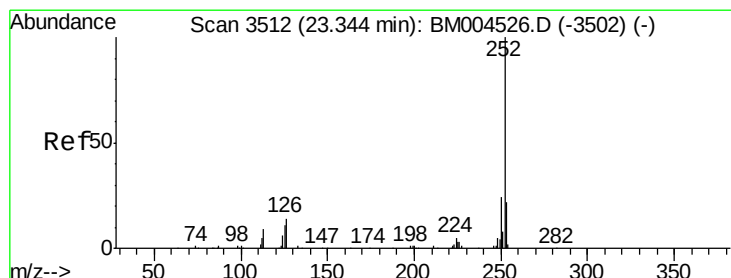
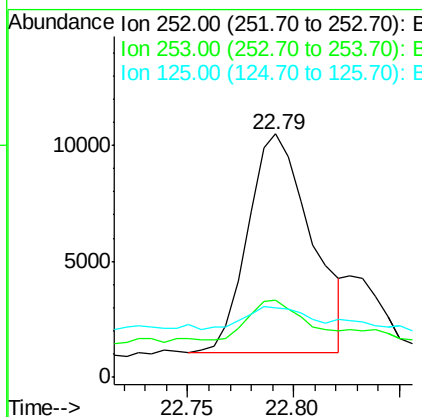
P010-SS004-01



Tgt Ion:	252	Resp:	19533
Ion Ratio	Lower	Upper	
252	100		
253	31.9	17.5	26.3#
125	28.7	8.5	12.7#

Manual Integrations
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#91

Benzo(a)pyrene

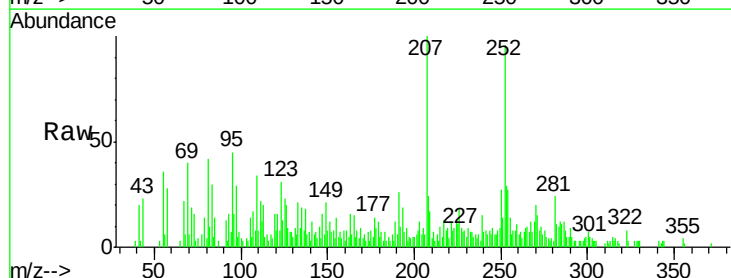
Concen: 2.44 ng/ul

RT: 23.36 min Scan# 3514

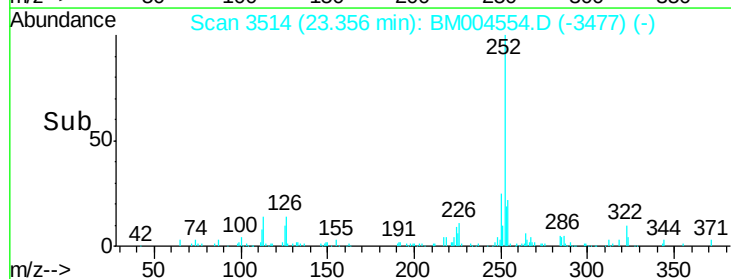
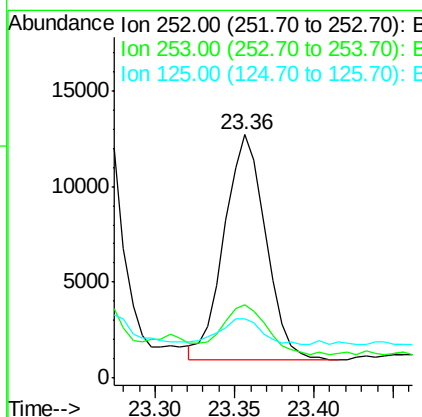
Delta R.T. 0.02 min

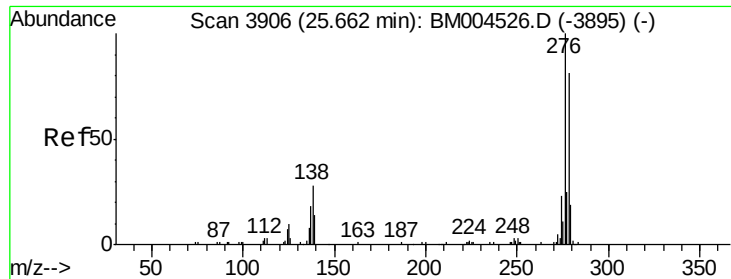
Lab File: BM004554.D

Acq: 04 Mar 2016 04:36



Tgt Ion:	252	Resp:	21344
Ion Ratio	Lower	Upper	
252	100		
253	30.2	17.2	25.8#
125	24.5	9.0	13.6#





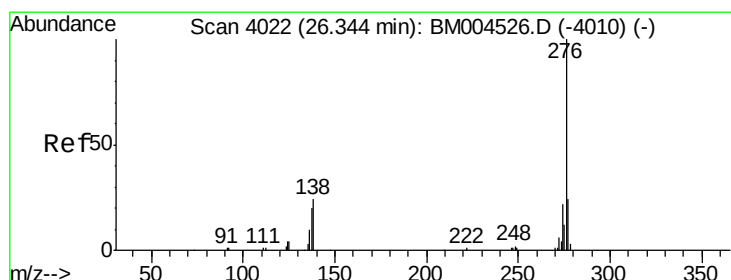
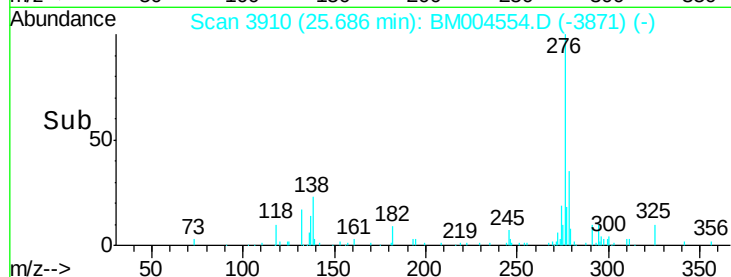
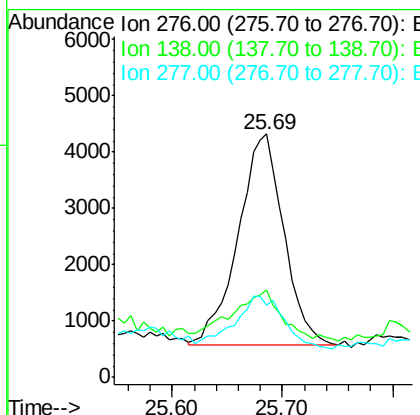
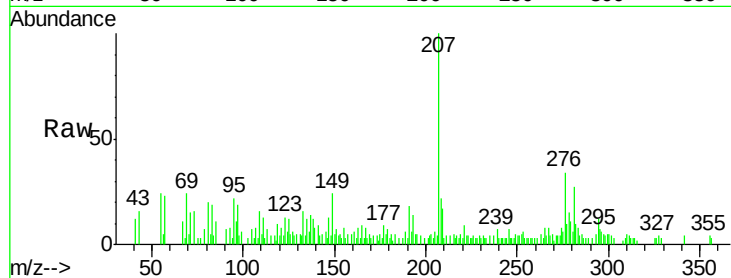
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.25 ng/ul
 RT: 25.69 min Scan# 3910
 Delta R.T. 0.03 min
 Lab File: BM004554.D
 Acq: 04 Mar 2016 04:36

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS004-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.8	22.3	33.5#
277	29.6	20.2	30.2

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#94
 Benzo(g,h,i)perylene
 Concen: 3.20 ng/ul
 RT: 26.37 min Scan# 4026
 Delta R.T. 0.02 min
 Lab File: BM004554.D
 Acq: 04 Mar 2016 04:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	18.9	28.3#
277	27.8	19.2	28.8

