

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005609.D
 Acq On : 23 May 2016 04:44
 Operator : UM/SJ
 Sample : H3087-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK2

Manual Integrations
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Quant Time: May 23 08:25:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	102509	20.00	ng/ul	0.02
18) Naphthalene-d8	10.63	136	442467	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	254512	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.22	188	544026	20.00	ng/ul	0.04
75) Chrysene-d12	21.40	240	524760	20.00	ng/ul	0.04
83) Perylene-d12	23.70	264	427366	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5616	2.40	ng/uL	0.00
5) Phenol-d5	7.02	99	151275	18.00	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.16	67	85450	17.55	ng/ul	0.02
9) 2-Chlorophenol-d4	7.37	132	124019	17.69	ng/ul	0.03
13) 4-Methylphenol-d8	8.56	113	123172	17.89	ng/ul	0.04
19) Nitrobenzene-d5	8.99	128	62810	18.57	ng/ul	0.02
22) 2-Nitrophenol-d4	9.71	143	66090	17.75	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	129532	18.47	ng/ul	0.04
29) 4-Chloroaniline-d4	10.77	131	122929	17.50	ng/ul	0.03
43) Dimethylphthalate-d6	13.88	166	394540	18.99	ng/ul	0.02
46) Acenaphthylene-d8	14.17	160	490350	18.88	ng/ul	0.03
51) 4-Nitrophenol-d4	14.70	143	53725	13.67	ng/ul	0.05
57) Fluorene-d10	15.47	176	339613	18.79	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.60	200	10284	3.29	ng/ul	0.05
70) Anthracene-d10	17.32	188	511263	19.73	ng/ul	0.04
76) Pyrene-d10	19.62	212	513003	21.59	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.55	264	385558	19.32	ng/ul	0.05

Target Compounds

					Qvalue
14) Acetophenone	8.66	105	19020	1.83 ng/ul	99
16) 4-Methylphenol	8.61	108	8063	1.13 ng/ul	80
44) Dimethylphthalate	13.92	163	214859	10.47 ng/ul	99
47) Acenaphthylene	14.20	152	114509	4.34 ng/ul	98
49) Acenaphthene	14.54	153	30861	1.77 ng/ul	97
58) Fluorene	15.52	166	89755	4.51 ng/ul	97
69) Phenanthrene	17.26	178	1105251	36.35 ng/ul	99
71) Anthracene	17.35	178	318818	10.29 ng/ul	99
72) Carbazole	17.62	167	35979	1.34 ng/ul#	86
74) Fluoranthene	19.43	202	104300	3.05 ng/ul	97
77) Pyrene	19.64	202	1826113	60.53 ng/ul#	92
80) Benzo(a)anthracene	21.38	228	636810	20.65 ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.30	149	24176	1.35 ng/ul#	76
82) Chrysene	21.43	228	759637	25.89 ng/ul	95
85) Benzo(b)fluoranthene	23.01	252	577425	22.91 ng/ul#	84
86) Benzo(k)fluoranthene	23.04	252	205335m	8.61 ng/ul	
88) Benzo(a)pyrene	23.60	252	462913	18.93 ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	26.04	276	259638	8.94 ng/ul	95
90) Dibenzo(a,h)anthracene	26.04	278	62659	2.59 ng/ul#	26
91) Benzo(g,h,i)perylene	26.76	276	232152	9.51 ng/ul#	89

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

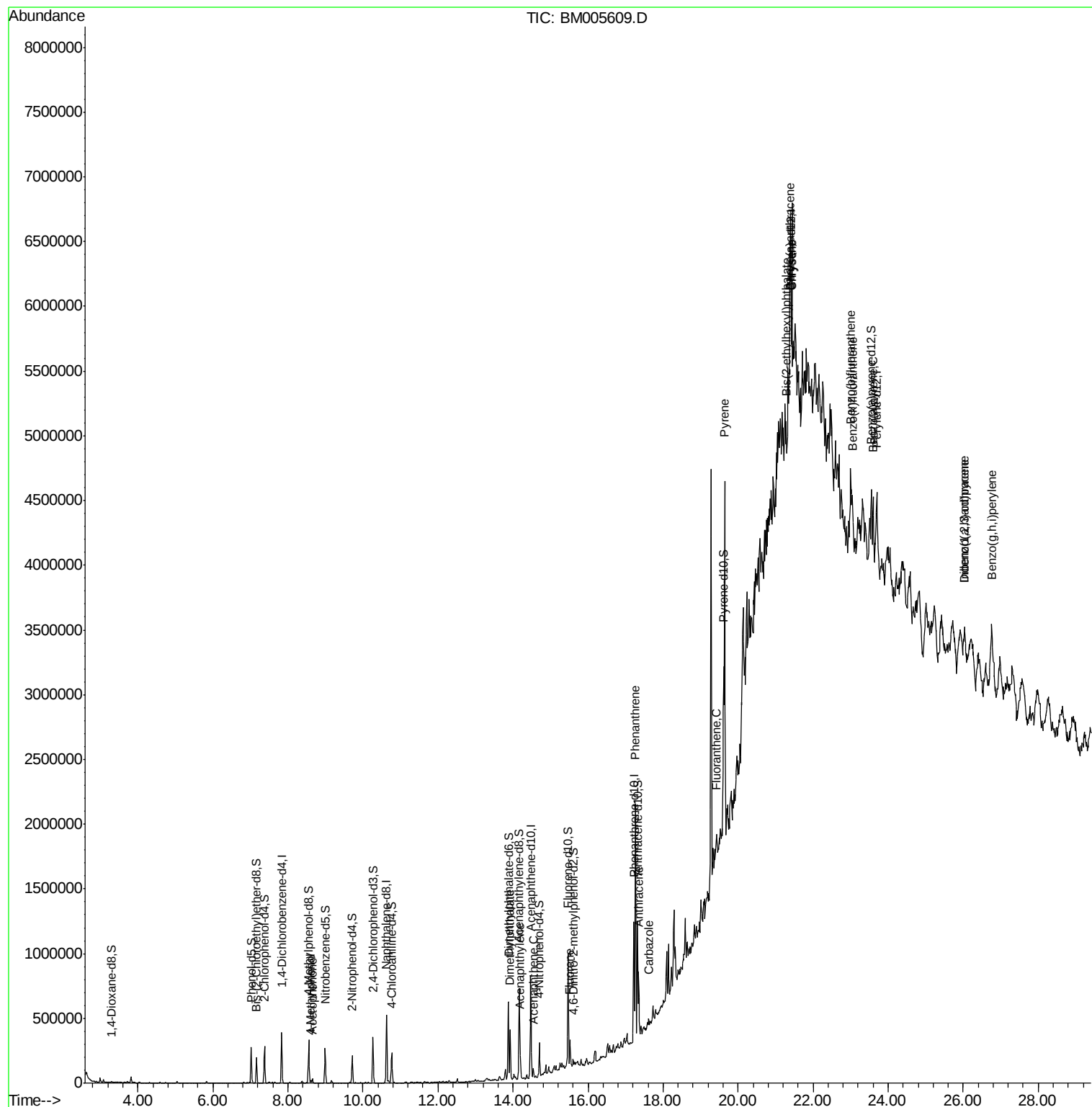
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005609.D
Acq On : 23 May 2016 04:44
Operator : UM/SJ
Sample : H3087-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

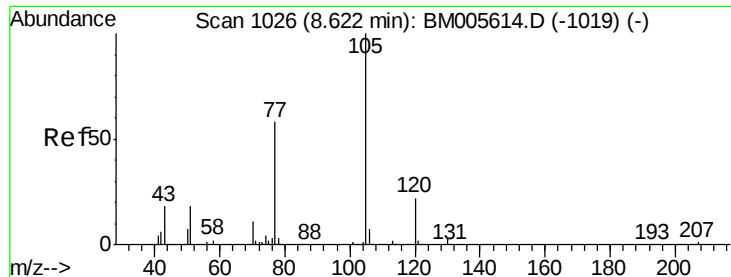
Instrument :
BNA_M
ClientSampleId :
JHGK2

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Quant Time: May 23 08:25:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.83 ng/ul

RT: 8.66 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BM005609.D

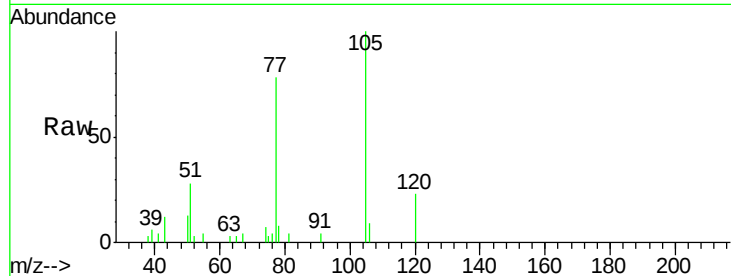
Acq: 23 May 2016 04:44

Instrument :

BNA_M

ClientSampleId :

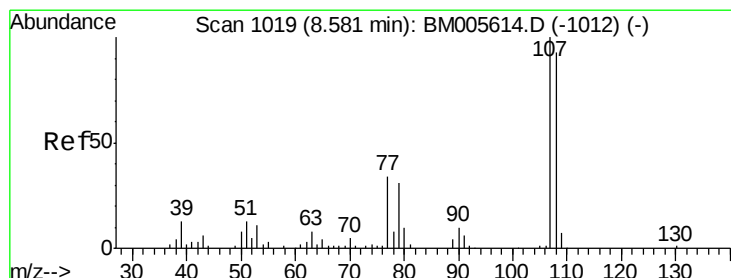
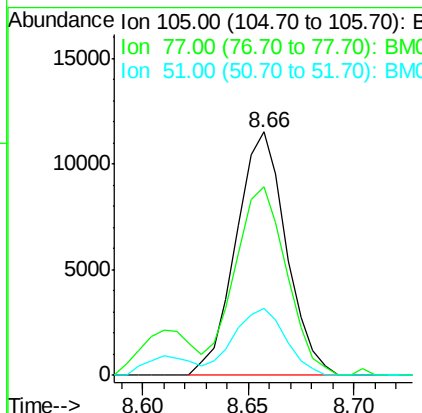
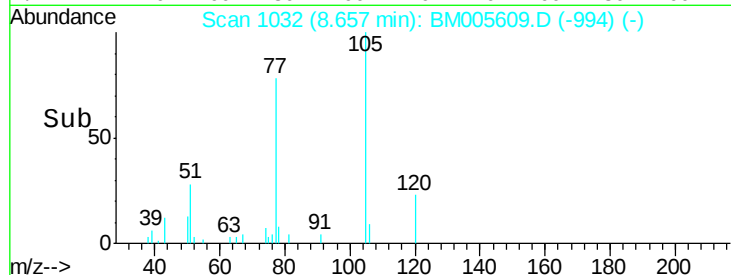
JHKG2



Tgt Ion:	105	Resp:	19020
Ion Ratio		Lower	Upper
105	100		
77	77.6	60.8	91.2
51	27.5	22.2	33.2

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#16

4-Methylphenol

Concen: 1.13 ng/ul

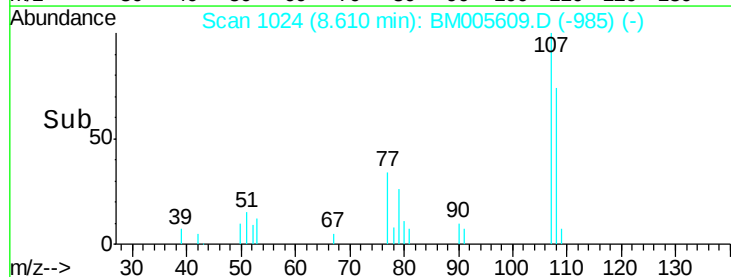
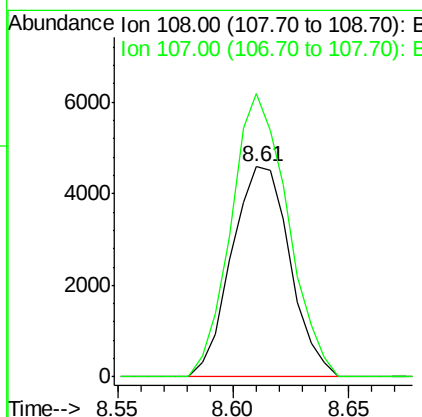
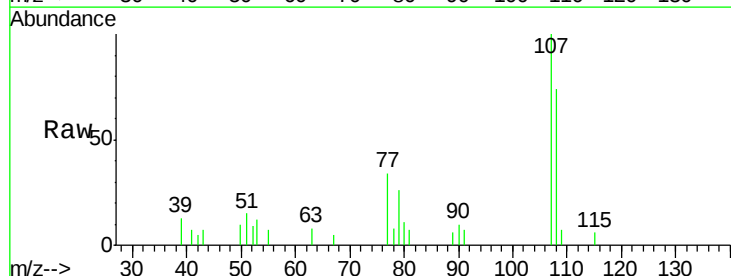
RT: 8.61 min Scan# 1024

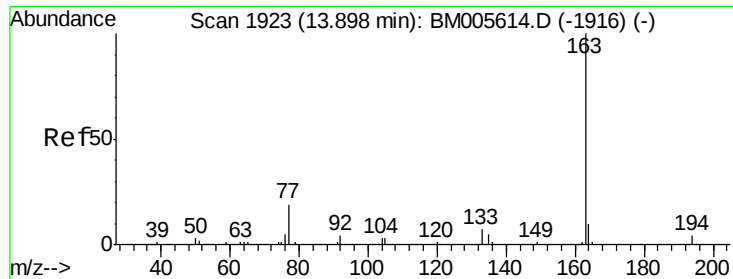
Delta R.T. 0.03 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Tgt Ion:	108	Resp:	8063
Ion Ratio		Lower	Upper
108	100		
107	134.9	90.3	135.5





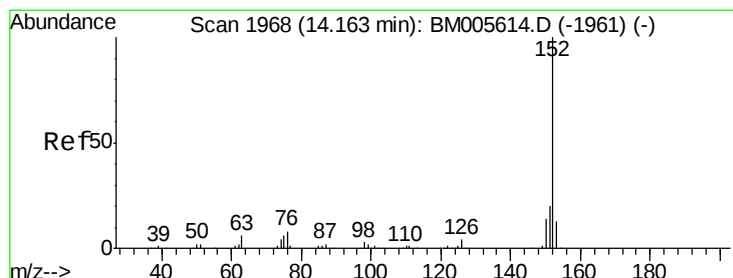
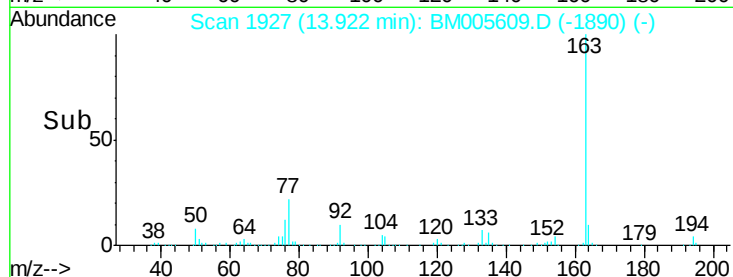
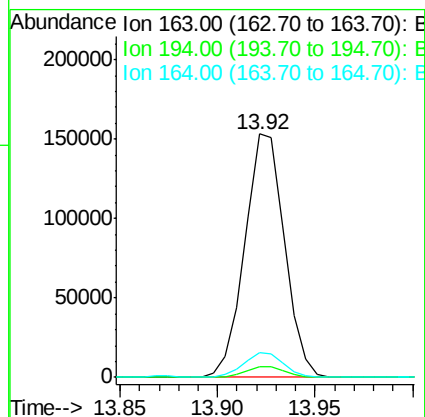
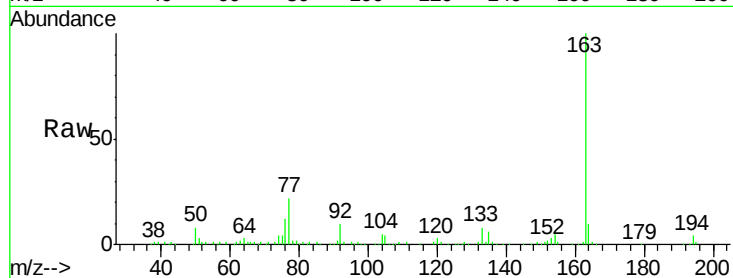
#44
Dimethylphthalate
Concen: 10.47 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM005609.D
Acq: 23 May 2016 04:44

Instrument :
BNA_M
ClientSampleId :
JHGK2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	214859		
194	4.3		3.4	5.0
164	10.4		8.0	12.0

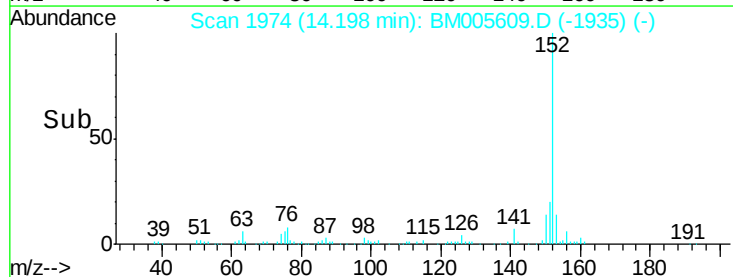
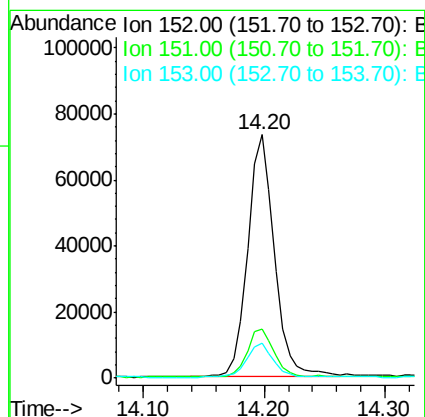
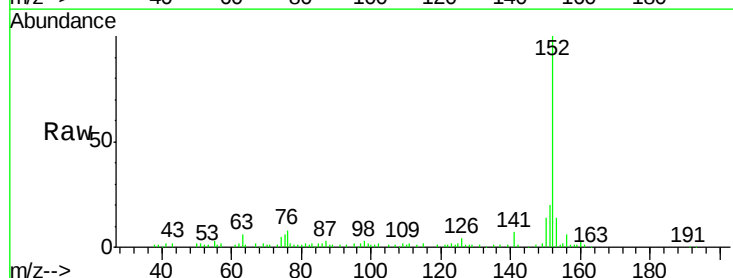
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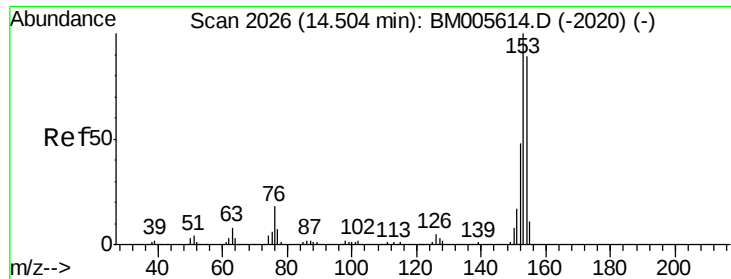
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#47
Acenaphthylene
Concen: 4.34 ng/ul
RT: 14.20 min Scan# 1974
Delta R.T. 0.03 min
Lab File: BM005609.D
Acq: 23 May 2016 04:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	114509		
151	20.1		15.7	23.5
153	14.3		10.5	15.7





#49

Acenaphthene

Concen: 1.77 ng/ul

RT: 14.54 min Scan# 2032

Delta R.T. 0.03 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Instrument :

BNA_M

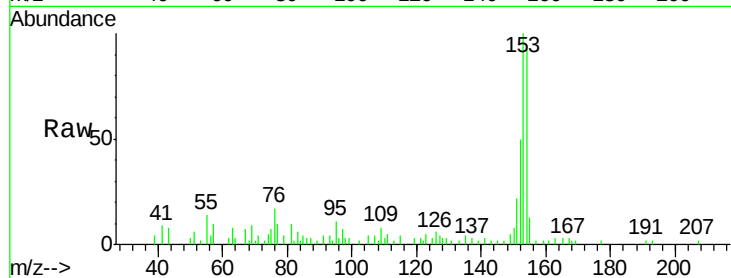
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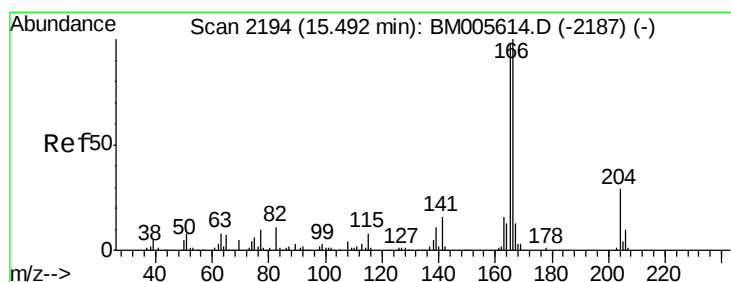
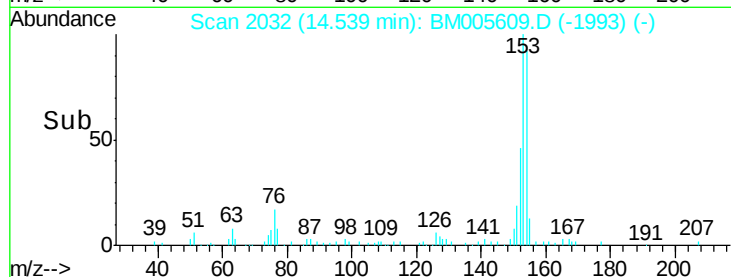
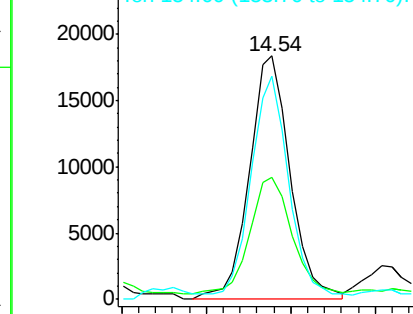
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Tgt Ion:	153	Resp:	30861
Ion Ratio	Lower	Upper	
153	100		
152	50.0	37.8	56.6
154	91.8	71.1	106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 4.51 ng/ul

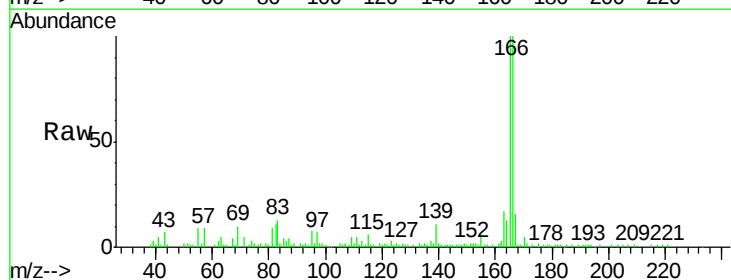
RT: 15.52 min Scan# 2199

Delta R.T. 0.03 min

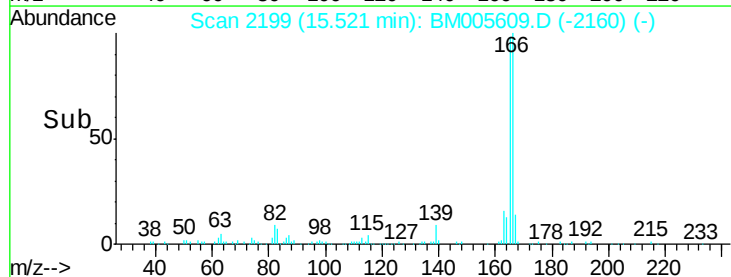
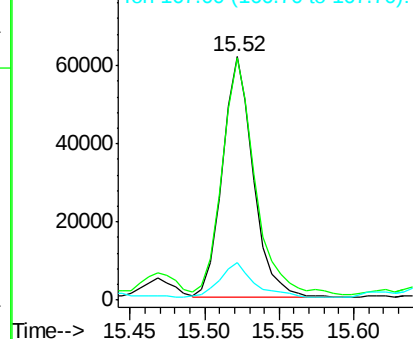
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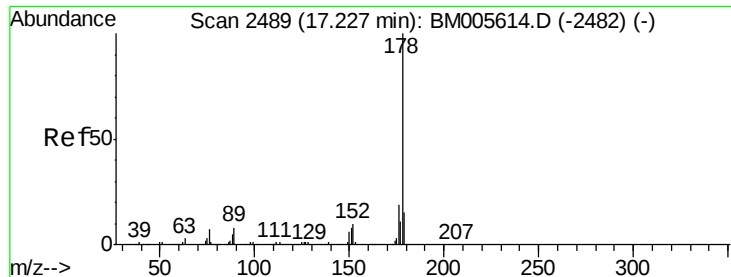
Acq: 23 May 2016 04:44

Tgt Ion:	166	Resp:	89755
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.0	117.0
167	15.6	10.5	15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 36.35 ng/ul

RT: 17.26 min Scan# 2495

Delta R.T. 0.04 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Instrument :

BNA_M

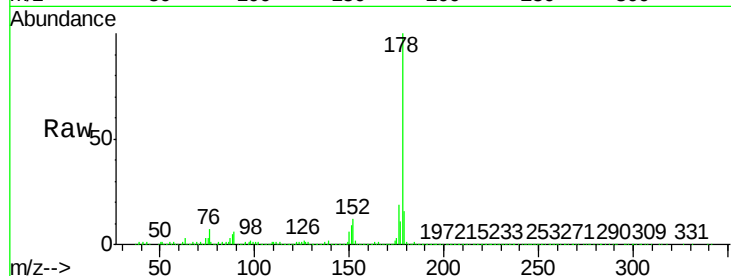
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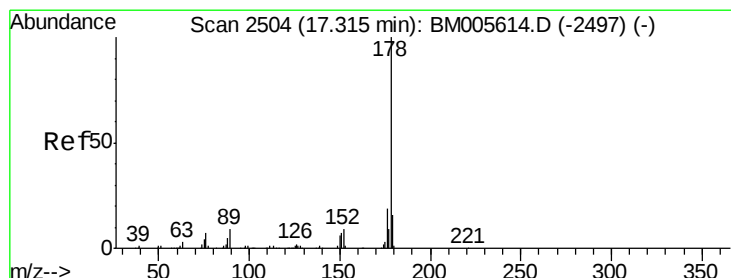
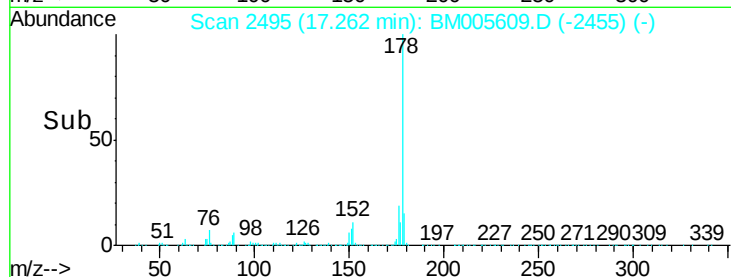
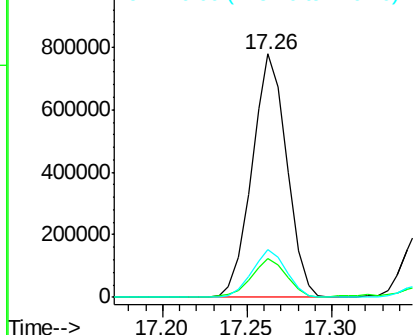
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Tgt Ion:	178	Resp:	1105251
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.4	15.8	23.6



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



#71

Anthracene

Concen: 10.29 ng/ul

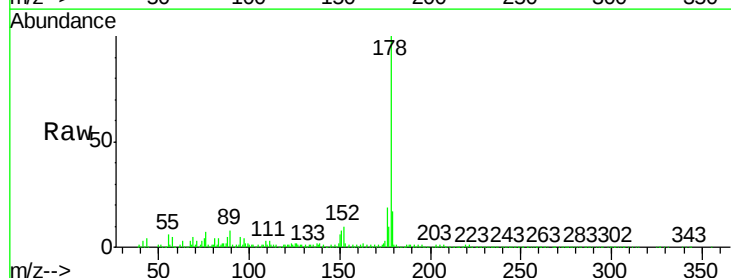
RT: 17.35 min Scan# 2510

Delta R.T. 0.03 min

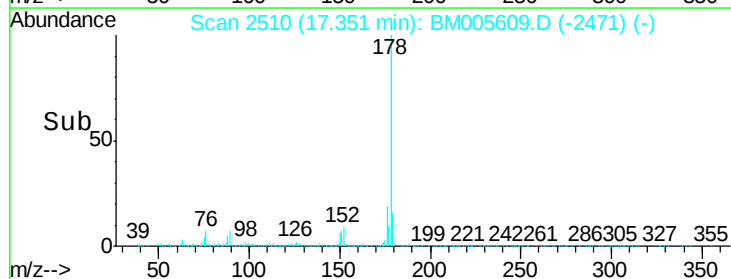
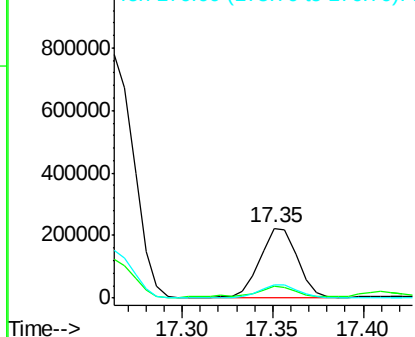
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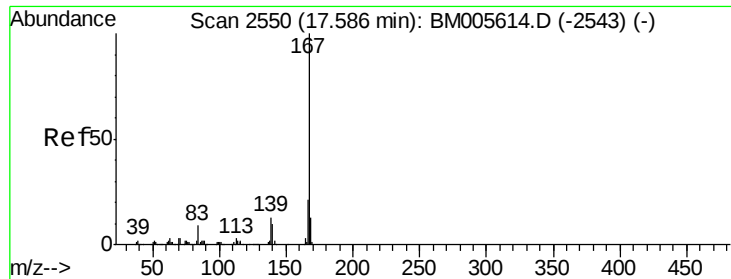
Acq: 23 May 2016 04:44

Tgt Ion:	178	Resp:	318818
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	18.8
176	19.0	15.0	22.4



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





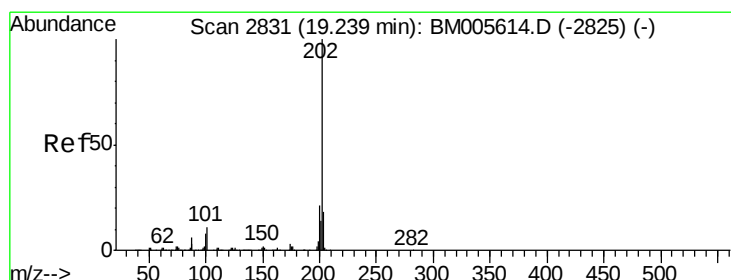
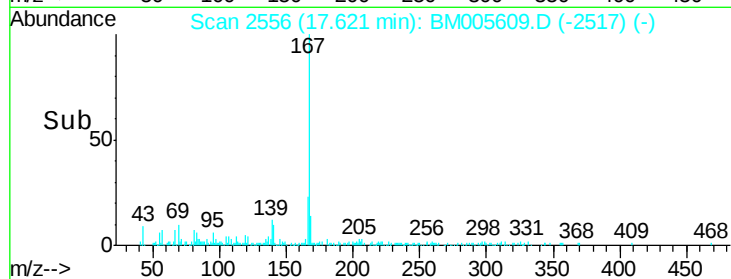
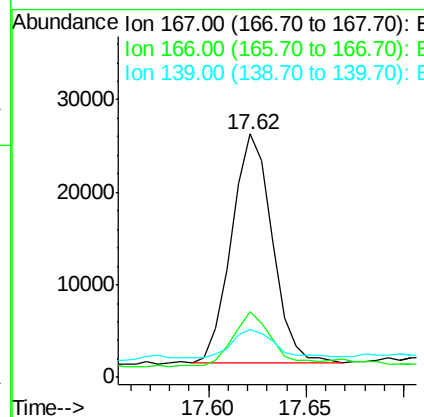
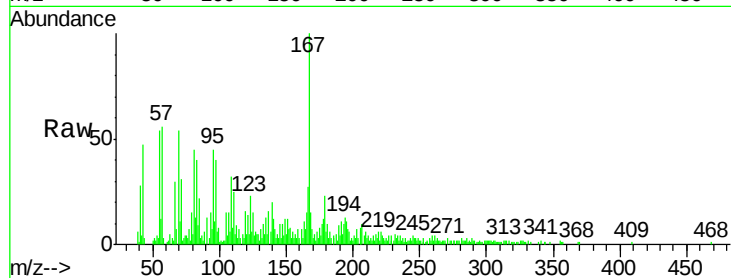
#72
 Carbazole
 Concen: 1.34 ng/ul
 RT: 17.62 min Scan# 2556
 Delta R.T. 0.03 min
 Lab File: BM005609.D
 Acq: 23 May 2016 04:44

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 BNA_M
 ClientSampleId :
 JH GK2

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	35979		
166	27.1	16.9	25.3#	
139	19.7	10.6	16.0#	

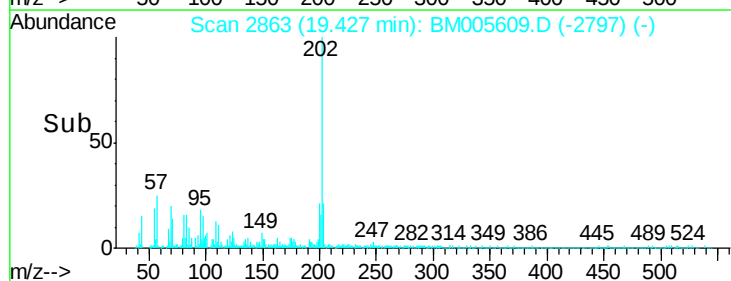
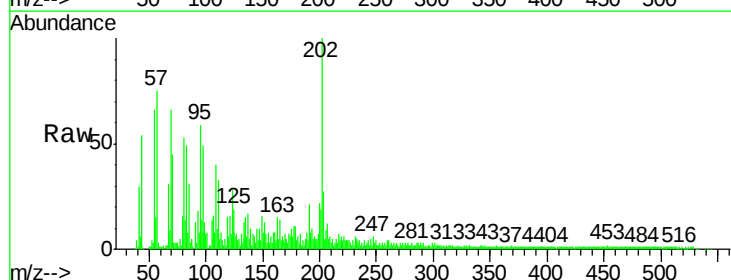
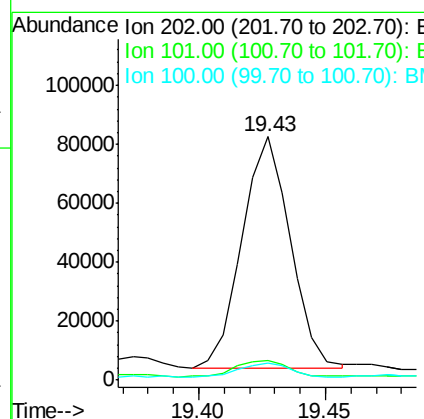
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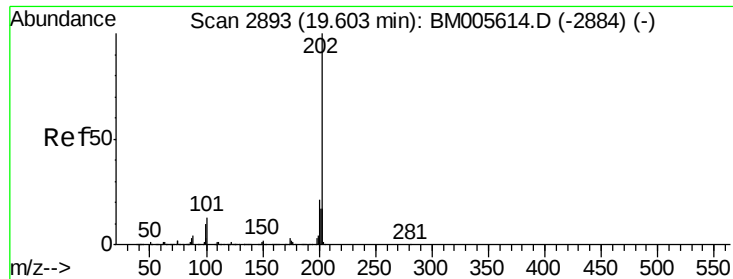
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#74
 Fluoranthene
 Concen: 3.05 ng/ul
 RT: 19.43 min Scan# 2863
 Delta R.T. 0.19 min
 Lab File: BM005609.D
 Acq: 23 May 2016 04:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	104300		
101	8.2	7.9	11.9	
100	7.1	5.6	8.4	





#77

Pyrene

Concen: 60.53 ng/ul

RT: 19.64 min Scan# 2900

Delta R.T. 0.04 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Instrument :

BNA_M

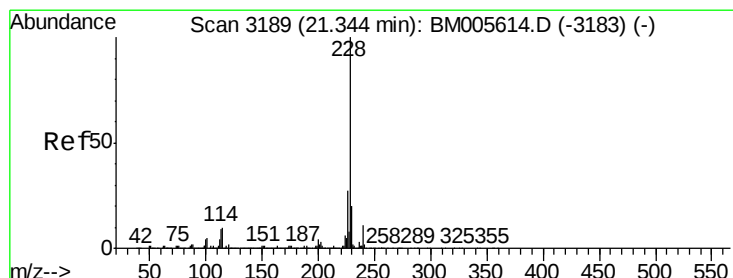
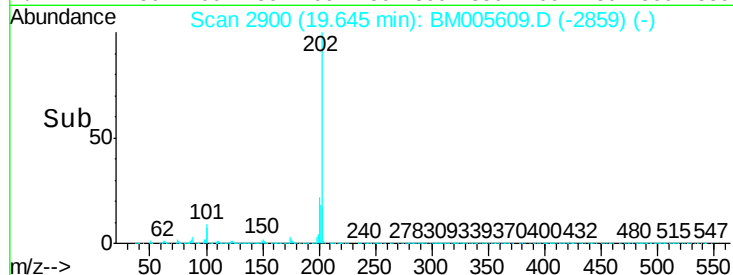
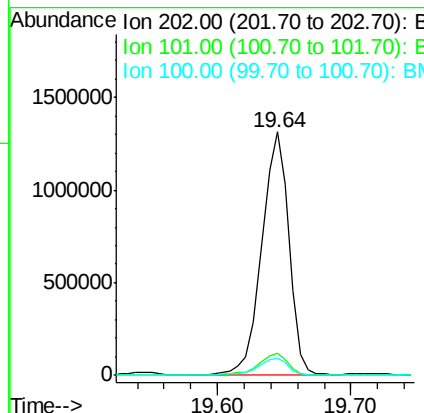
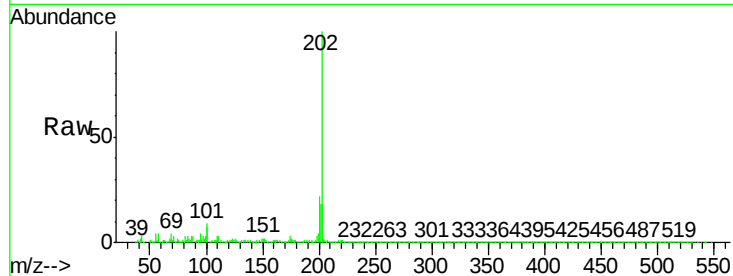
ClientSampleId :

JHKG2

Tgt Ion:	202	Resp:	1826113
Ion Ratio	Lower	Upper	
202	100		
101	8.9	9.6	14.4#
100	7.0	7.8	11.6#

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#80

Benzo(a)anthracene

Concen: 20.65 ng/ul

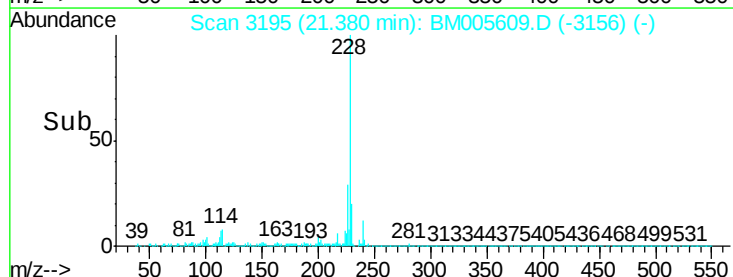
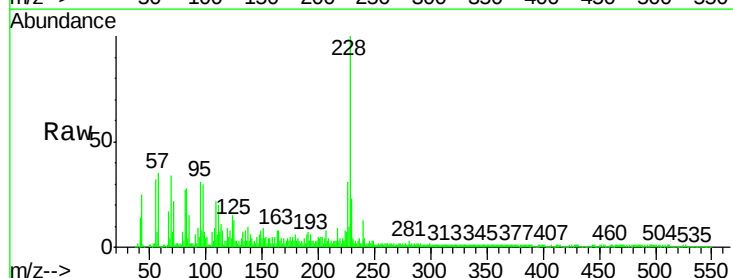
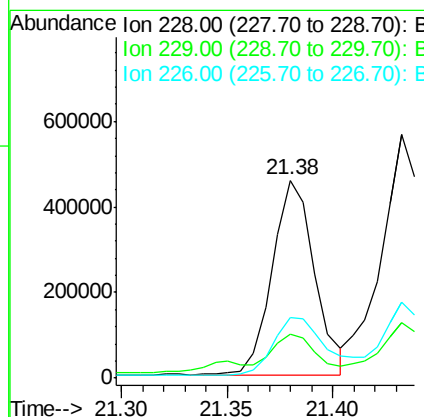
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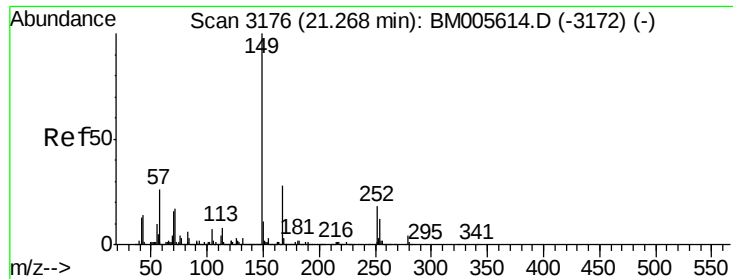
Delta R.T. 0.03 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Tgt Ion:	228	Resp:	636810
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.4	23.2
226	30.5	21.0	31.4





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.35 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. 0.02 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Instrument :

BNA_M

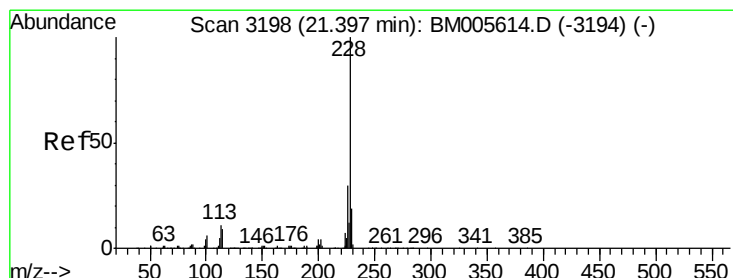
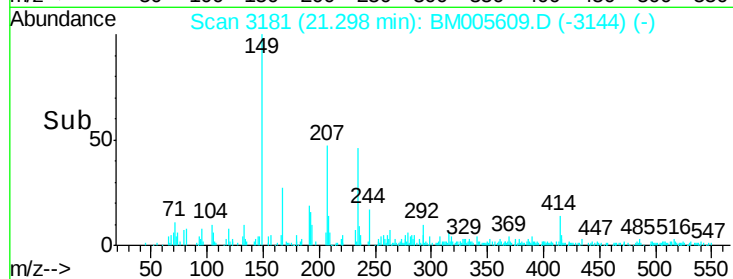
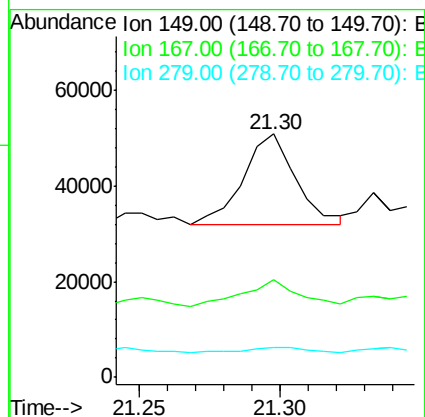
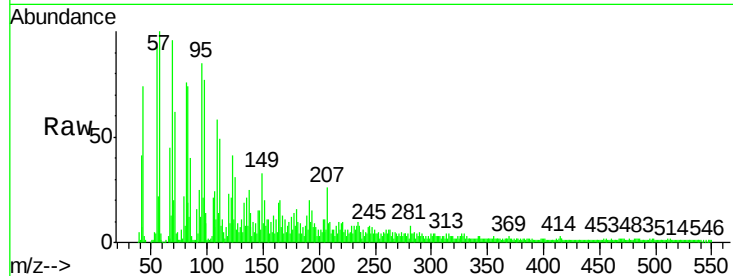
ClientSampleId :

JHGK2

Tgt Ion:	149	Resp:	24176
Ion Ratio	Lower	Upper	
149	100		
167	40.4	22.0	33.0#
279	12.4	3.8	5.8#

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#82

Chrysene

Concen: 25.89 ng/ul

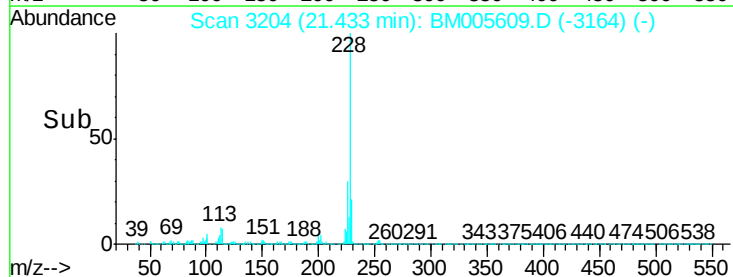
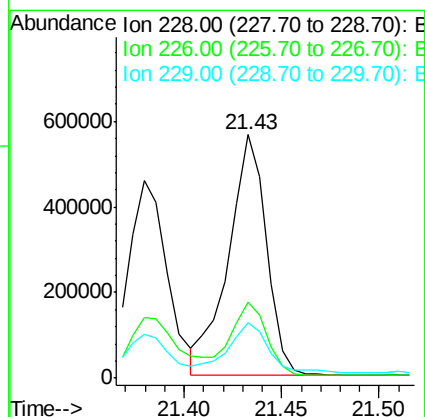
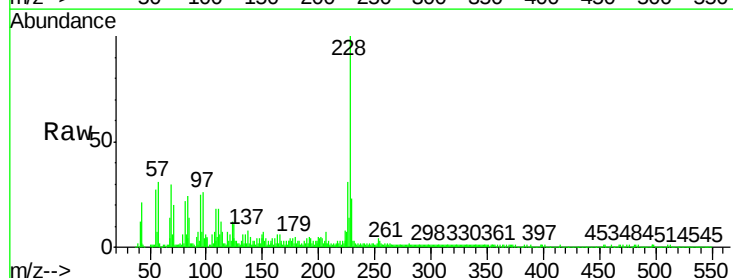
RT: 21.43 min Scan# 3204

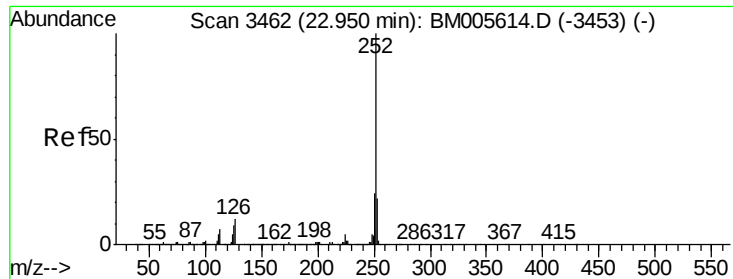
Delta R.T. 0.04 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Tgt Ion:	228	Resp:	759637
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.7	35.5
229	22.8	15.5	23.3





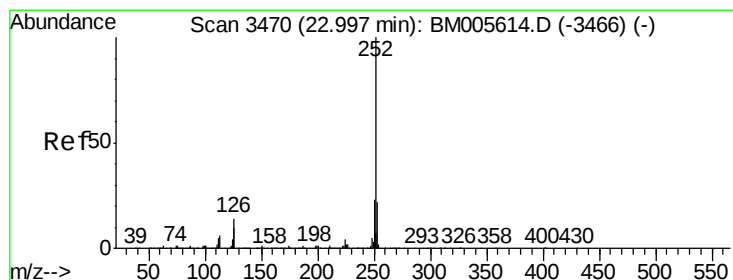
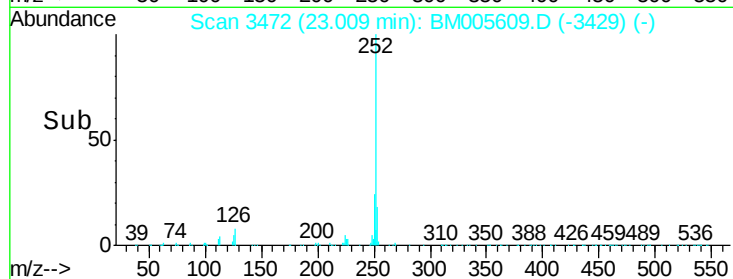
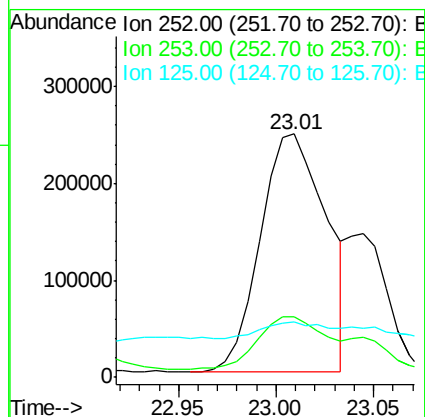
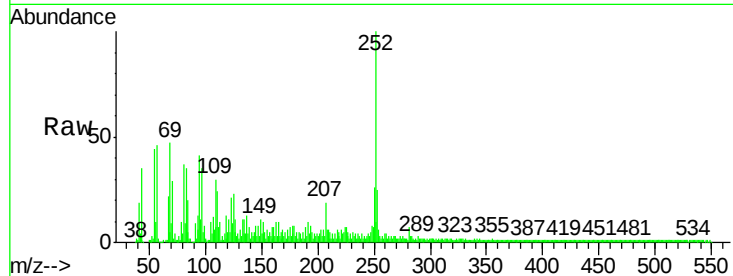
#85
Benzo(b)fluoranthene
Concen: 22.91 ng/ul
RT: 23.01 min Scan# 3472
Delta R.T. 0.05 min
Lab File: BM005609.D
Acq: 23 May 2016 04:44

Instrument :
BNA_M
ClientSampleId :
JHKG2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	22.8	7.0	10.4

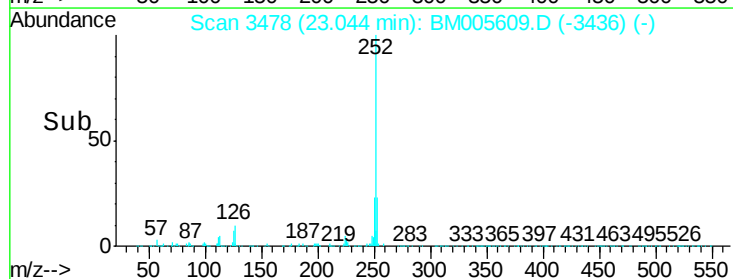
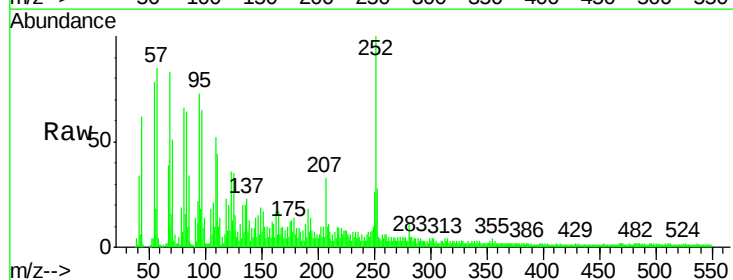
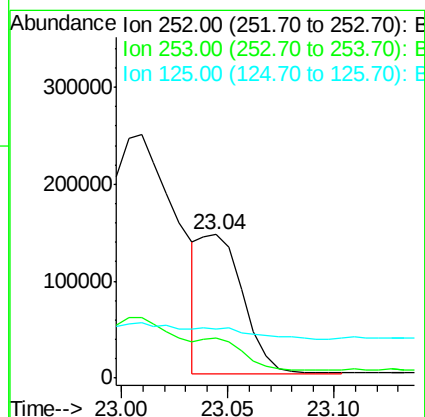
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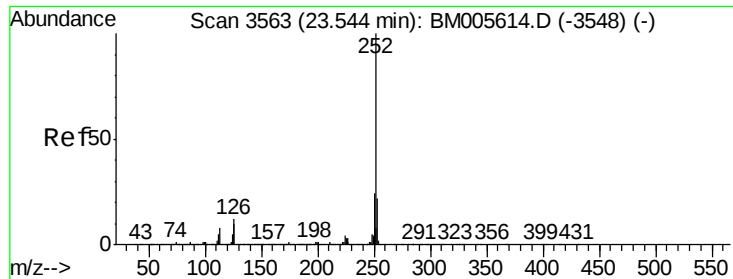
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#86
Benzo(k)fluoranthene
Concen: 8.61 ng/ul m
RT: 23.04 min Scan# 3478
Delta R.T. 0.05 min
Lab File: BM005609.D
Acq: 23 May 2016 04:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.5	26.3
125	34.5	7.0	10.6





#88

Benzo(a)pyrene

Concen: 18.93 ng/ul

RT: 23.60 min Scan# 3572

Delta R.T. 0.05 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Instrument :

BNA_M

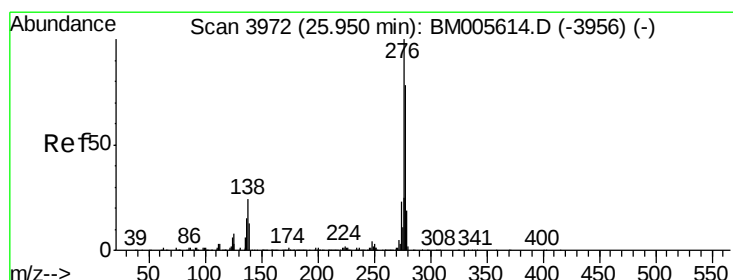
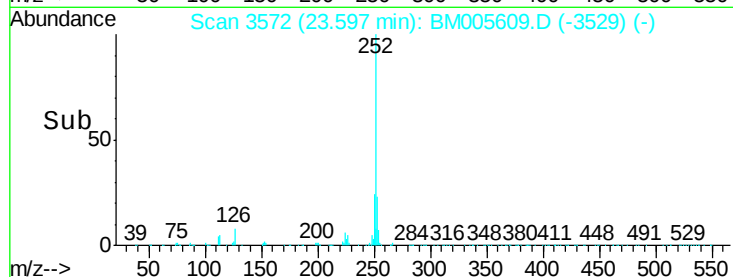
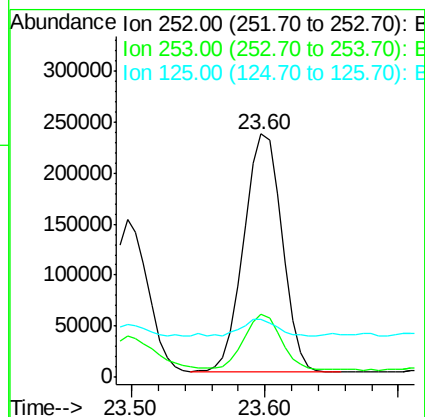
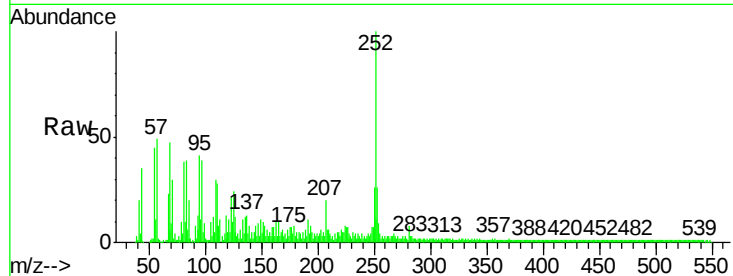
ClientSampleId :

JHKG2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	23.8	7.6	11.4

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#89

Indeno(1,2,3-cd)pyrene

Concen: 8.94 ng/ul

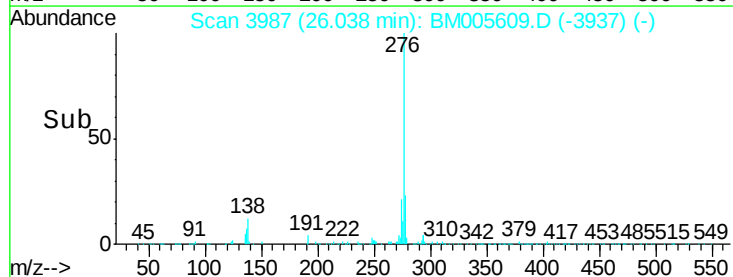
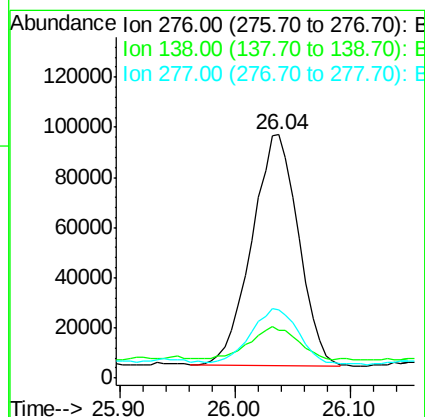
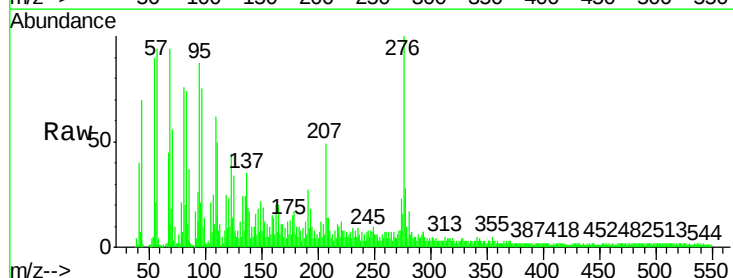
RT: 26.04 min Scan# 3987

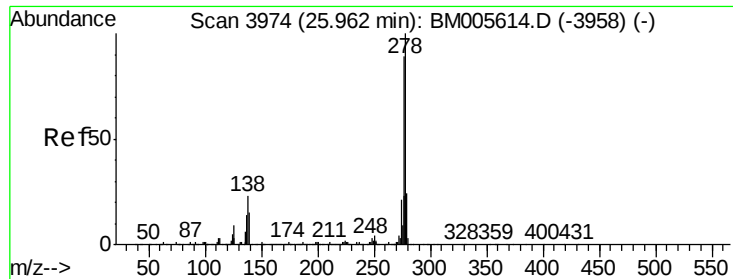
Delta R.T. 0.09 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.9	25.3
277	28.1	20.2	30.4





#90

Dibenzo(a,h)anthracene

Concen: 2.59 ng/ul

RT: 26.04 min Scan# 3987

Delta R.T. 0.08 min

Lab File: BM005609.D

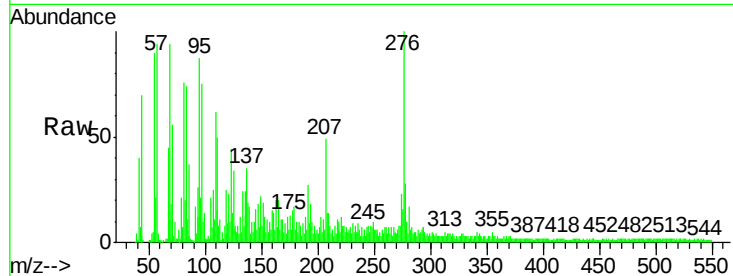
Acq: 23 May 2016 04:44

Instrument :

BNA_M

ClientSampleId :

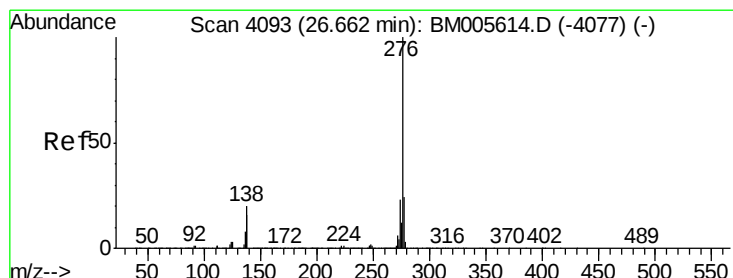
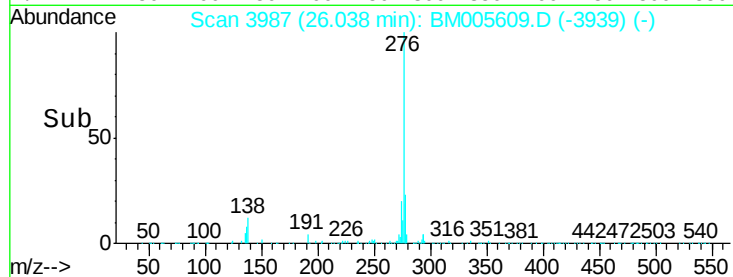
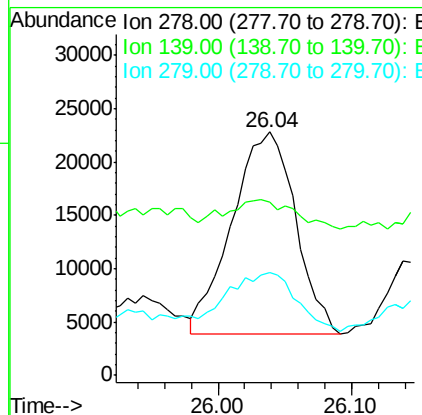
JHGK2



Tgt Ion:	278	Resp:	62659
Ion Ratio	Lower	Upper	
278	100		
139	71.1	11.8	17.6#
279	42.0	19.4	29.2#

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#91

Benzo(g,h,i)perylene

Concen: 9.51 ng/ul

RT: 26.76 min Scan# 4110

Delta R.T. 0.11 min

Lab File: BM005609.D

Acq: 23 May 2016 04:44

Tgt Ion:	276	Resp:	232152
Ion Ratio	Lower	Upper	
276	100		
138	22.3	15.0	22.6
277	29.6	18.6	28.0#

