

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005621.D
 Acq On : 23 May 2016 22:22
 Operator : UM/SJ
 Sample : H3087-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK8

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Quant Time: May 24 07:24:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	136959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	641816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	362601	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	791561	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	826382	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	831463	20.00	ng/ul	0.00

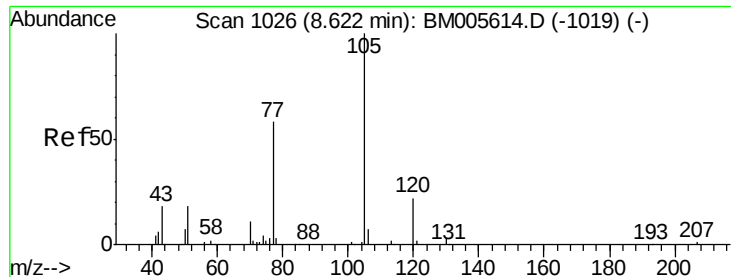
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	12257	3.92	ng/uL	0.00
5) Phenol-d5	6.97	99	260924	23.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	156436	24.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	217977	23.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	200443	21.79	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	107053	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	121970	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	209998	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	220459	21.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	640462	21.64	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	834903	22.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	98841	17.65	ng/ul	0.00
57) Fluorene-d10	15.43	176	576863	22.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	65461	14.38	ng/ul	0.00
70) Anthracene-d10	17.28	188	875356	23.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	932440	24.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	886405	22.83	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.62	105	30274	2.19	ng/ul	98
28) Naphthalene	10.64	128	184890	5.73	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	61443	2.60	ng/ul	98
44) Dimethylphthalate	13.89	163	347873	11.89	ng/ul	99
49) Acenaphthene	14.50	153	42837	1.73	ng/ul	99
58) Fluorene	15.49	166	88919	3.14	ng/ul	98
69) Phenanthrene	17.22	178	981236	22.18	ng/ul	99
71) Anthracene	17.31	178	192420	4.27	ng/ul	100
72) Carbazole	17.58	167	47786	1.22	ng/ul	96
74) Fluoranthene	19.24	202	908892	18.25	ng/ul	98
77) Pyrene	19.60	202	978449	20.60	ng/ul	98
80) Benzo(a)anthracene	21.34	228	348426	7.17	ng/ul	96
82) Chrysene	21.39	228	453134	9.81	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	428145	8.73	ng/ul#	91
86) Benzo(k)fluoranthene	22.99	252	121892m	2.63	ng/ul	
88) Benzo(a)pyrene	23.53	252	305462	6.42	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.93	276	190896	3.38	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	184566	3.89	ng/ul	97

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



#14

Acetophenone

Concen: 2.19 ng/ul

RT: 8.62 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BM005621.D

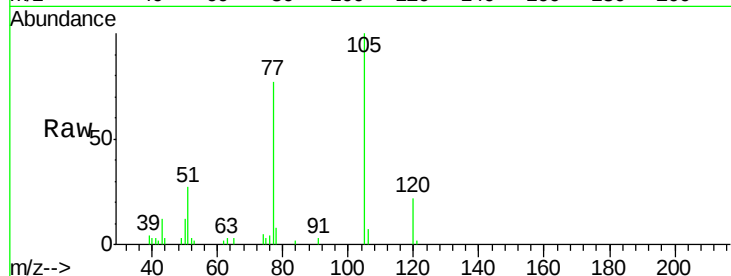
Acq: 23 May 2016 22:22

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ClientSampleId :

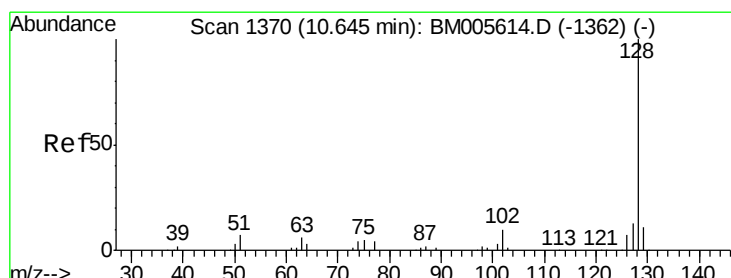
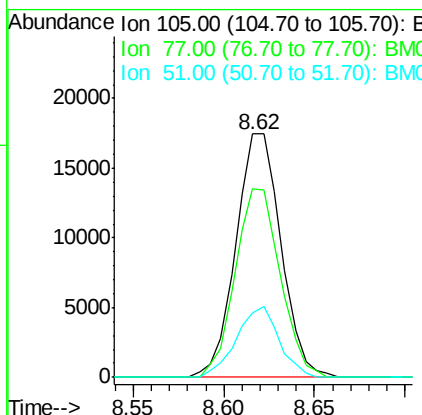
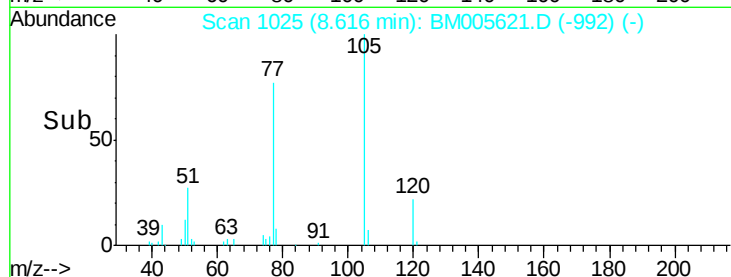
JHGK8



Tgt Ion:	105	Resp:	30274
Ion Ratio	Lower	Upper	
105	100		
77	77.3	60.8	91.2
51	26.6	22.2	33.2

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#28

Naphthalene

Concen: 5.73 ng/ul

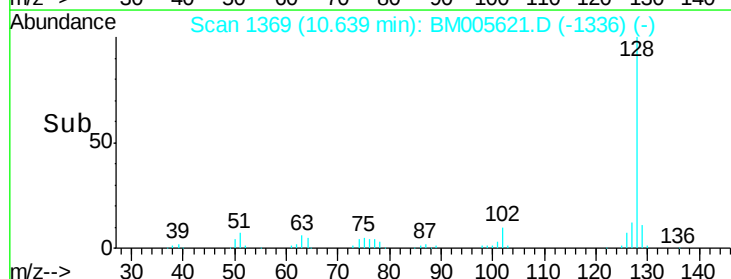
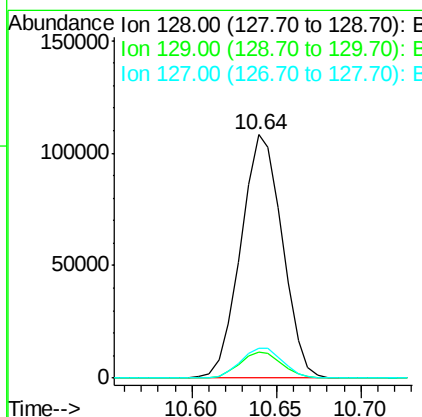
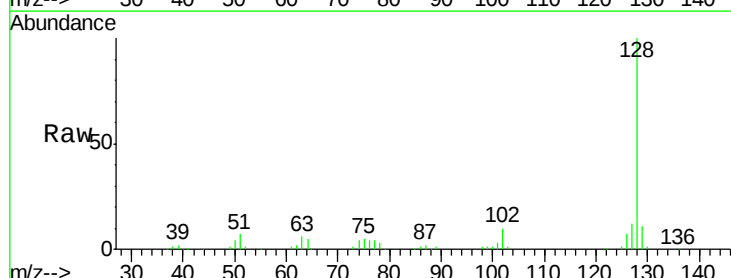
RT: 10.64 min Scan# 1369

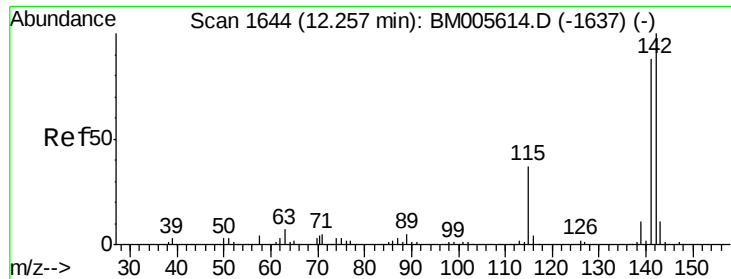
Delta R.T. -0.01 min

Lab File: BM005621.D

Acq: 23 May 2016 22:22

Tgt Ion:	128	Resp:	184890
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	13.0
127	12.3	10.6	15.8





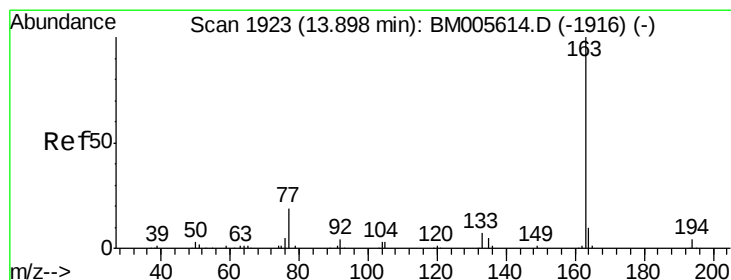
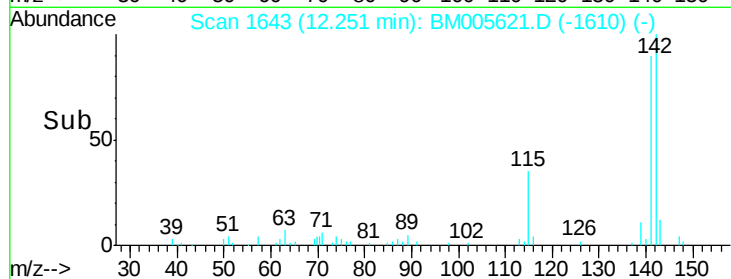
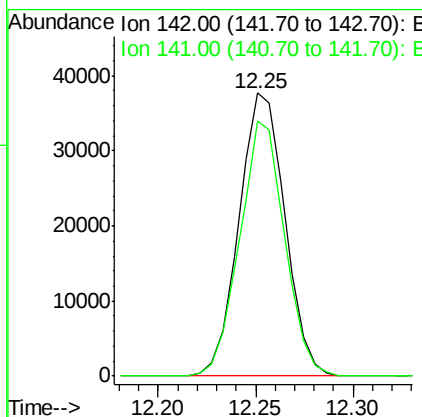
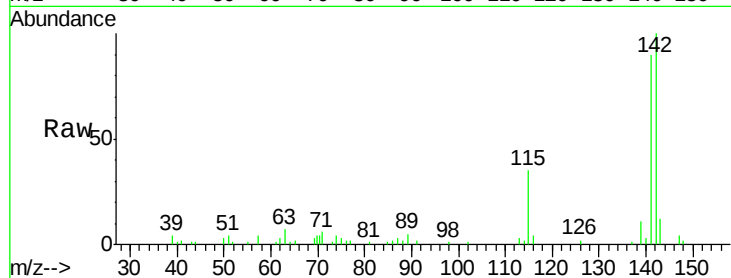
#34
 2-Methylnaphthalene
 Concen: 2.60 ng/ul
 RT: 12.25 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM005621.D
 Acq: 23 May 2016 22:22

Instrument :
 BNA_M
 ClientSampleId :
 JHGK8

Tgt Ion:142 Resp: 61443
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.6 106.0

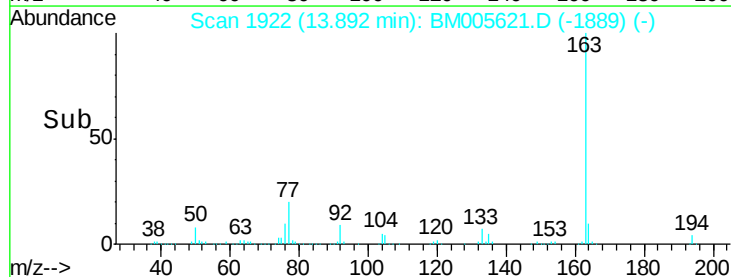
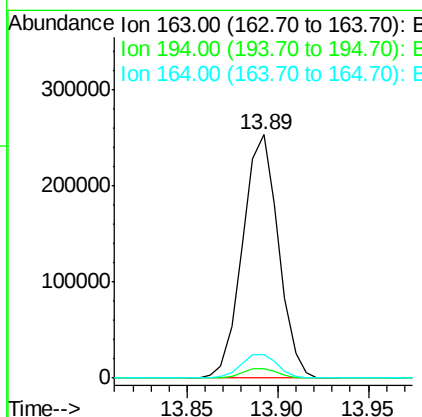
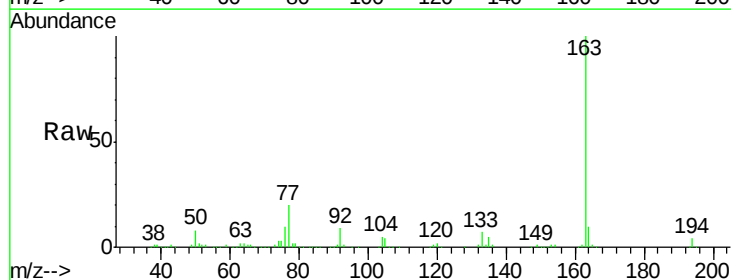
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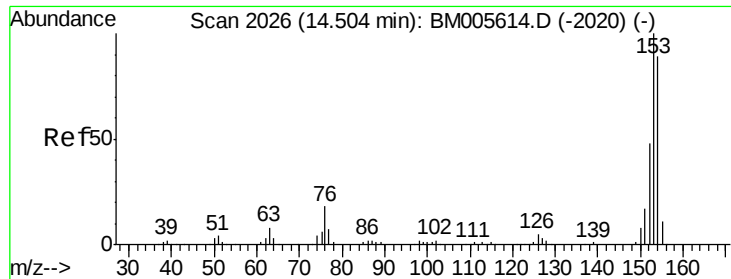
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#44
 Dimethylphthalate
 Concen: 11.89 ng/ul
 RT: 13.89 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BM005621.D
 Acq: 23 May 2016 22:22

Tgt Ion:163 Resp: 347873
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 9.6 8.0 12.0





#49

Acenaphthene

Concen: 1.73 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM005621.D

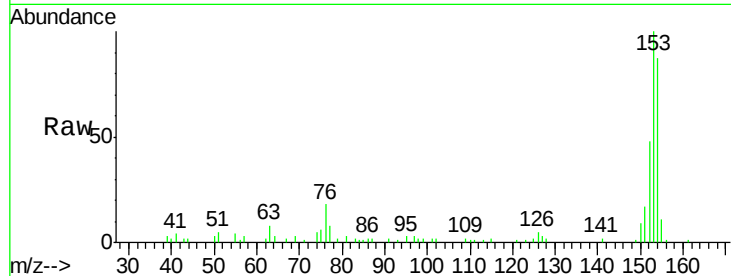
Acq: 23 May 2016 22:22

Instrument :

BNA_M

ClientSampleId :

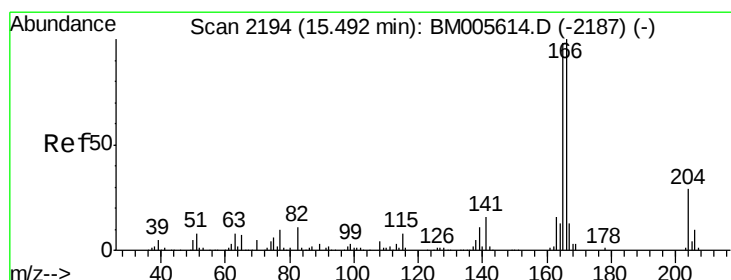
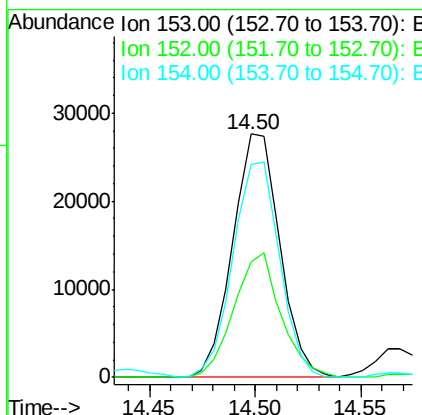
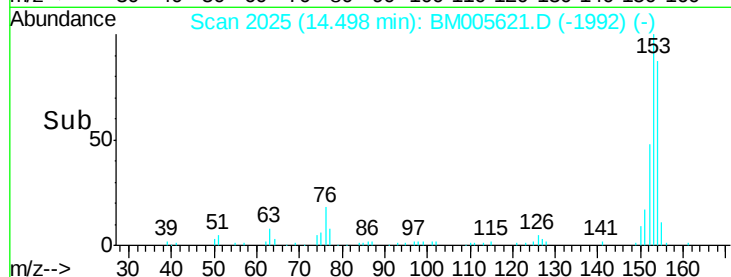
JHGK8



Tgt Ion:	153	Resp:	42837
Ion Ratio	Lower	Upper	
153	100		
152	47.6	37.8	56.6
154	87.4	71.1	106.7

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#58

Fluorene

Concen: 3.14 ng/ul

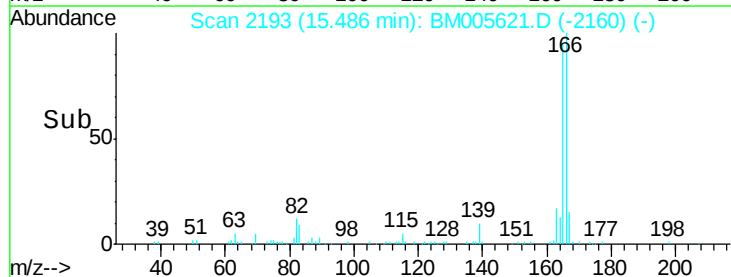
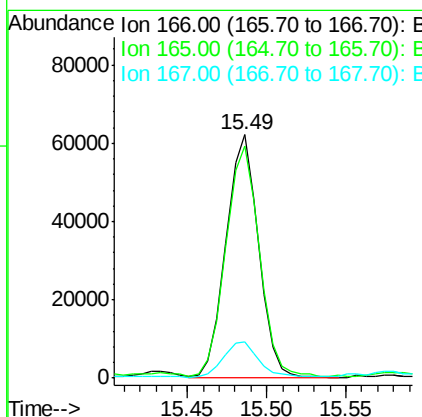
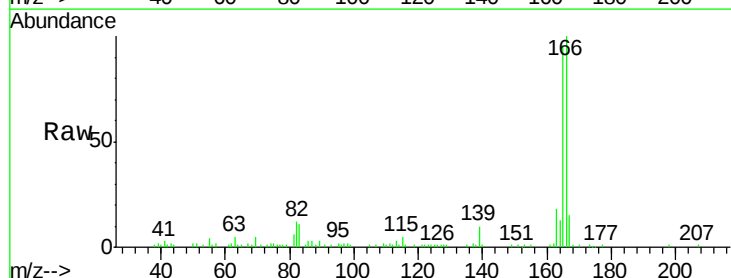
RT: 15.49 min Scan# 2193

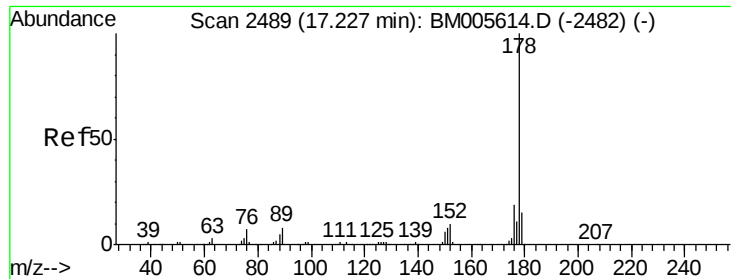
Delta R.T. -0.01 min

Lab File: BM005621.D

Acq: 23 May 2016 22:22

Tgt Ion:	166	Resp:	88919
Ion Ratio	Lower	Upper	
166	100		
165	95.6	78.0	117.0
167	14.9	10.5	15.7





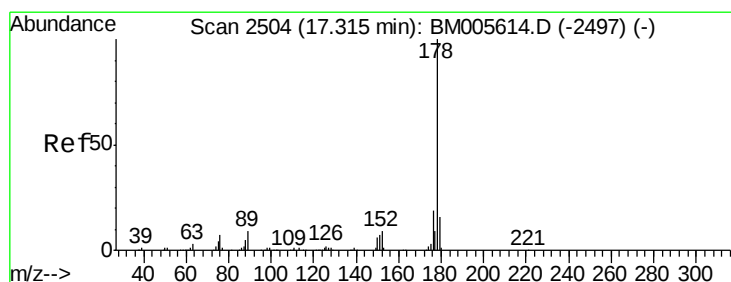
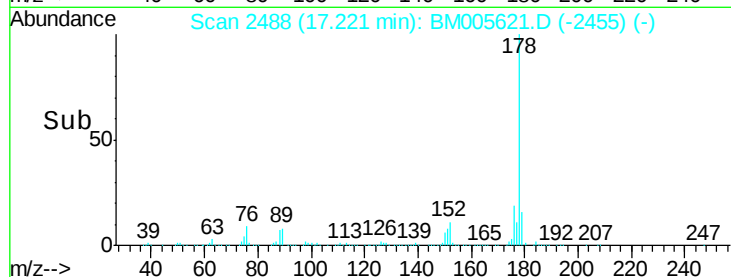
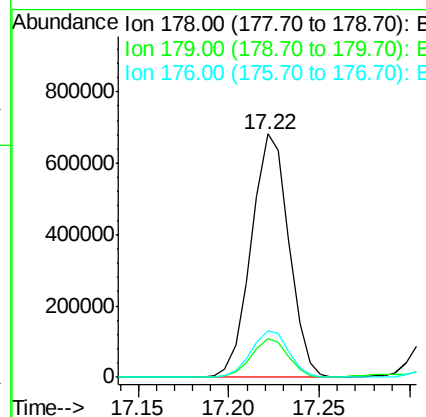
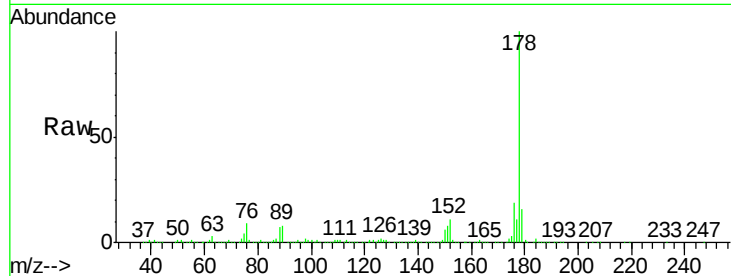
#69
 Phenanthrene
 Concen: 22.18 ng/ul
 RT: 17.22 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BM005621.D
 Acq: 23 May 2016 22:22

Instrument :
 BNA_M
 ClientSampleId :
 JHGK8

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	981236		
179	15.7	12.2	18.2	
176	19.2	15.8	23.6	

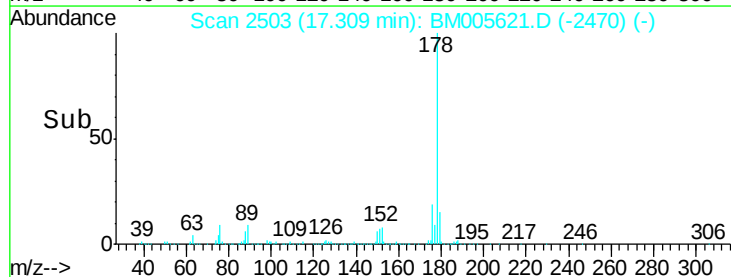
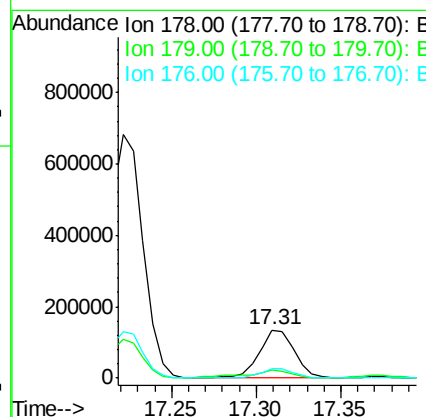
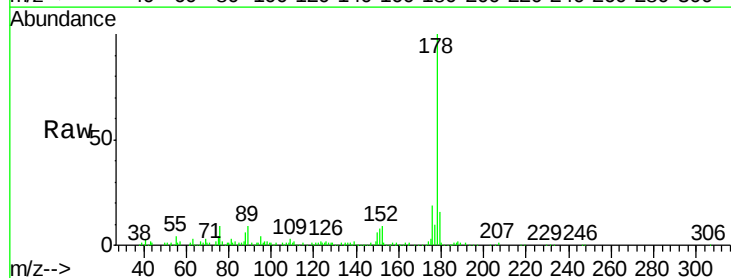
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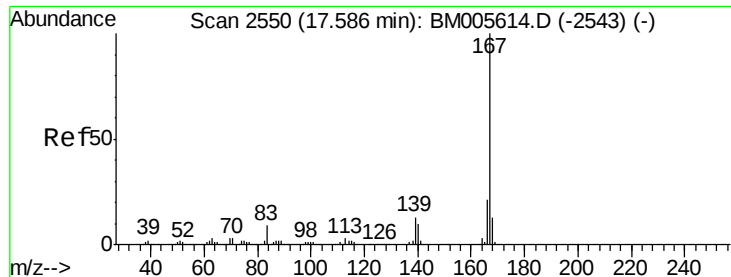
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#71
 Anthracene
 Concen: 4.27 ng/ul
 RT: 17.31 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BM005621.D
 Acq: 23 May 2016 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	192420		
179	15.6	12.6	18.8	
176	18.9	15.0	22.4	





#72

Carbazole

Concen: 1.22 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BM005621.D

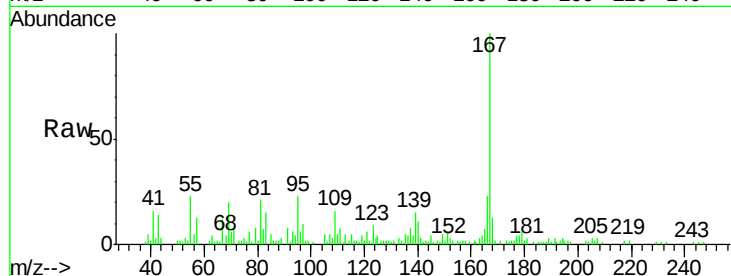
Acq: 23 May 2016 22:22

Instrument :

BNA_M

ClientSampleId :

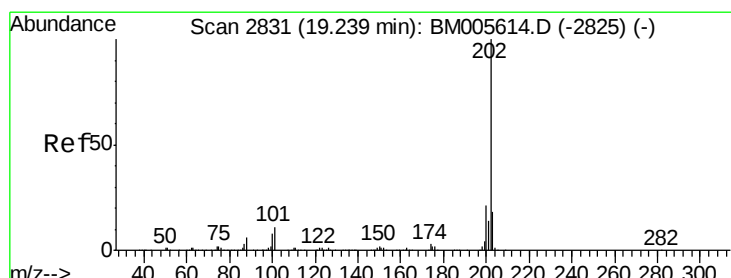
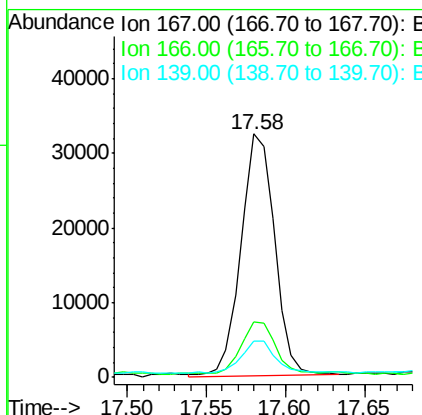
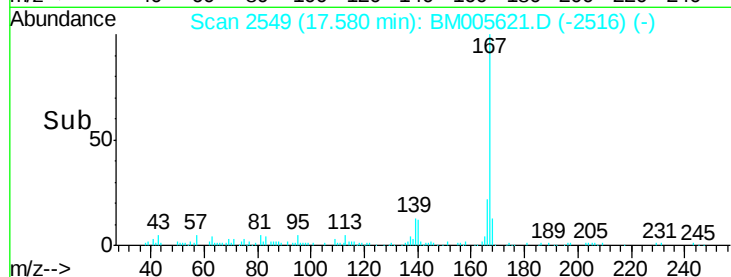
JHGK8



Tgt Ion:	167	Resp:	47786
Ion Ratio	Lower	Upper	
167	100		
166	22.8	16.9	25.3
139	14.9	10.6	16.0

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#74

Fluoranthene

Concen: 18.25 ng/ul

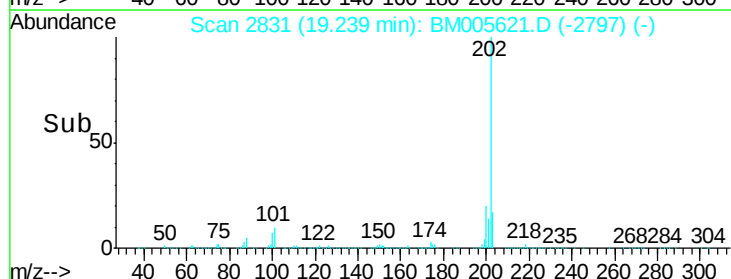
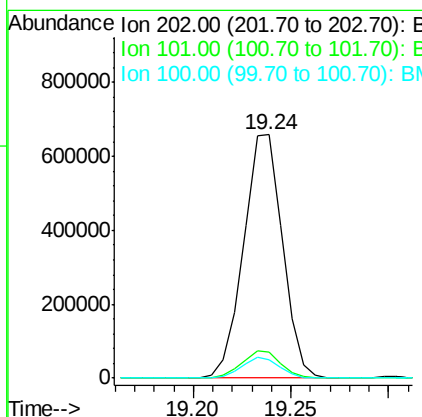
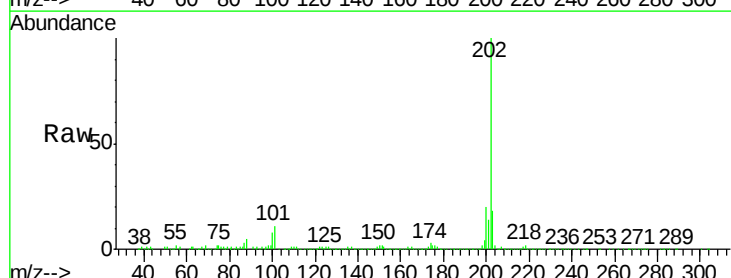
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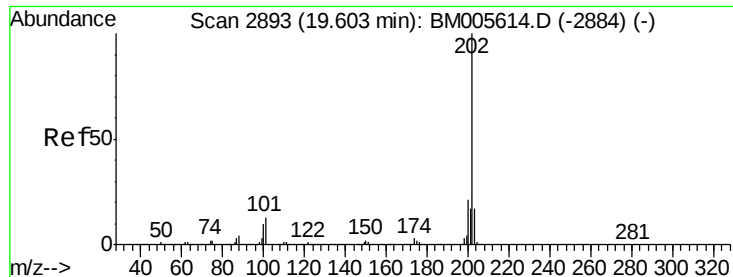
Delta R.T. 0.00 min

Lab File: BM005621.D

Acq: 23 May 2016 22:22

Tgt Ion:	202	Resp:	908892
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.9	11.9
100	7.6	5.6	8.4





#77

Pyrene

Concen: 20.60 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BM005621.D

Acq: 23 May 2016 22:22

Instrument :

BNA_M

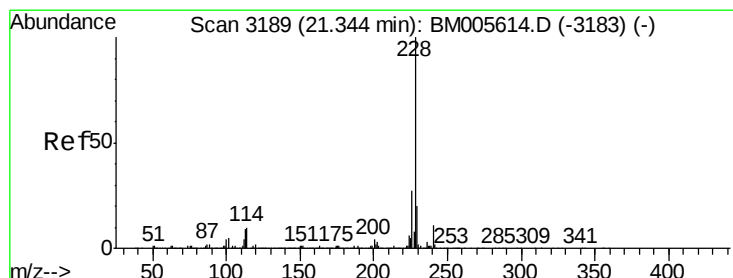
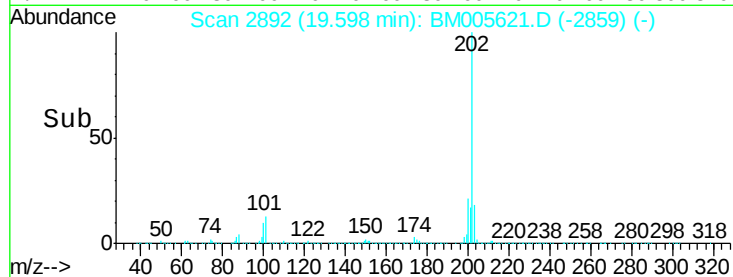
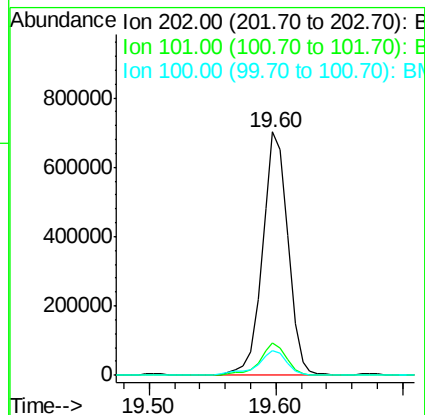
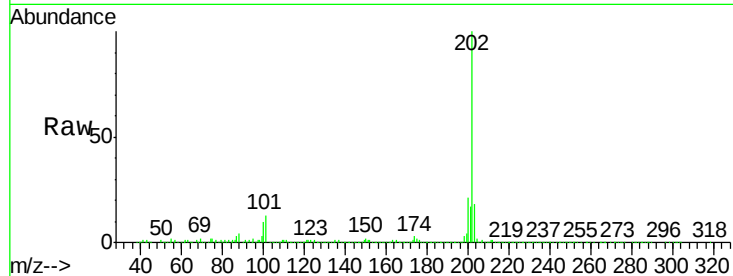
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	978449		
101	13.1	9.6	14.4	
100	10.2	7.8	11.6	

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#80

Benzo(a)anthracene

Concen: 7.17 ng/ul

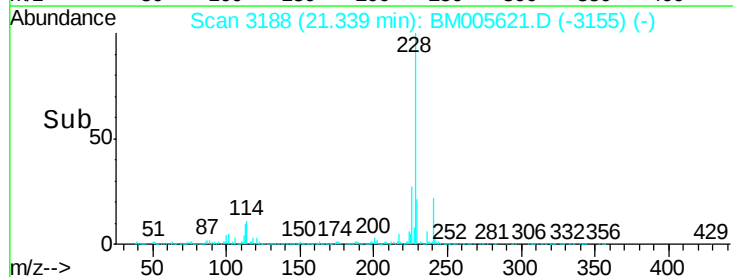
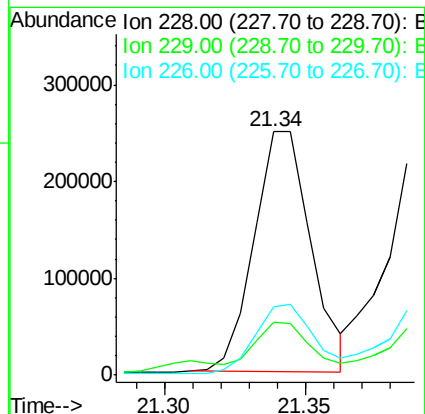
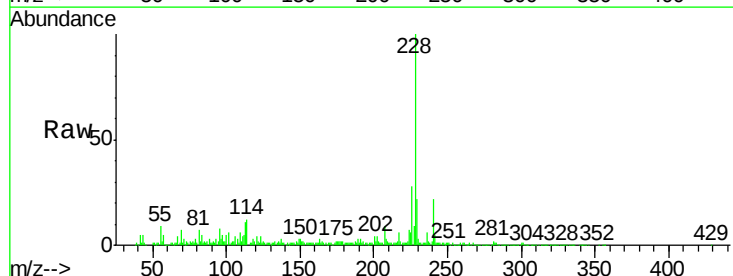
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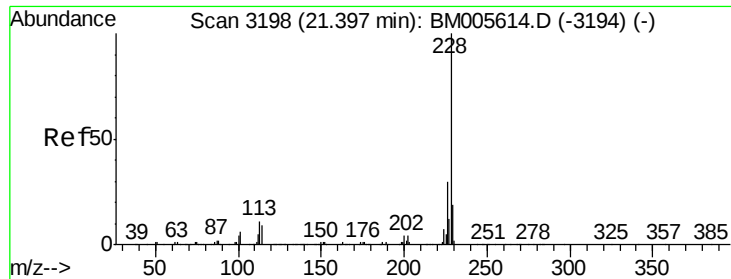
Delta R.T. -0.01 min

Lab File: BM005621.D

Acq: 23 May 2016 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	348426		
229	21.9	15.4	23.2	
226	28.0	21.0	31.4	





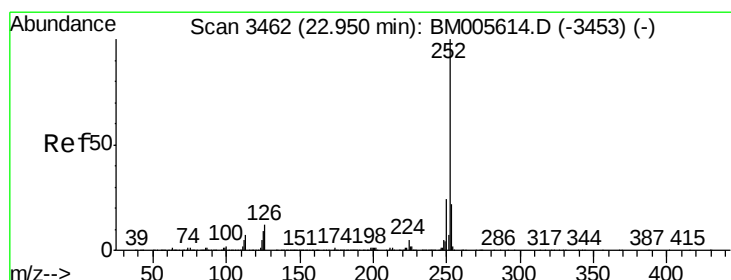
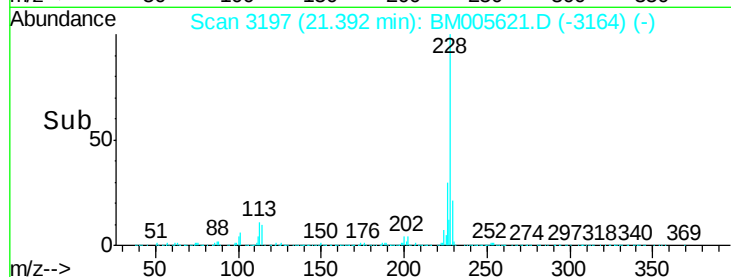
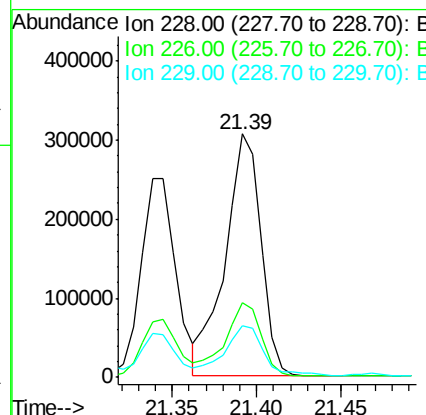
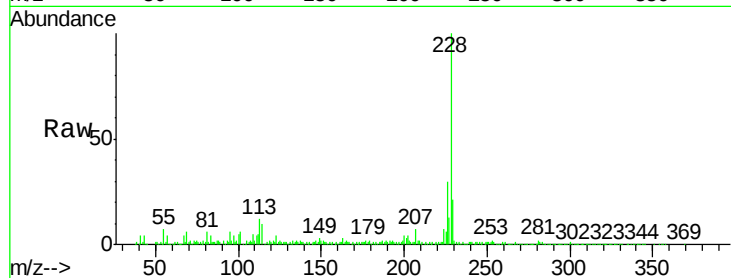
#82
Chrysene
Concen: 9.81 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM005621.D
Acq: 23 May 2016 22:22

Instrument :
BNA_M
ClientSampleId :
JHGK8

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	453134		
226	30.4	23.7	35.5	
229	21.4	15.5	23.3	

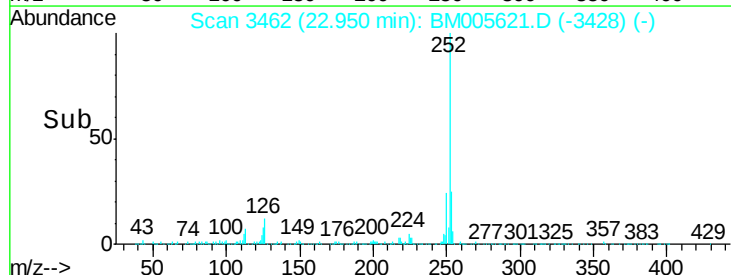
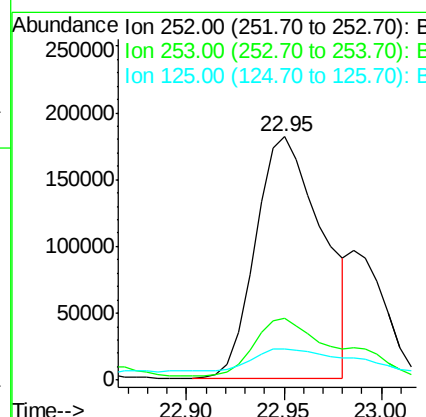
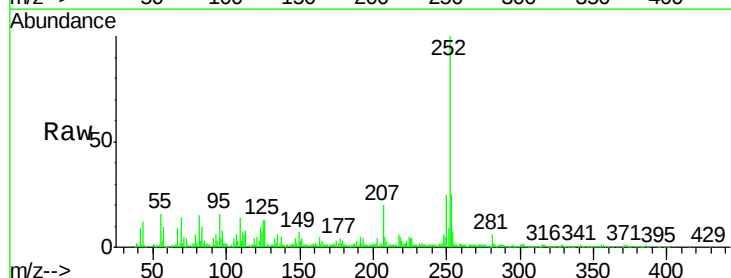
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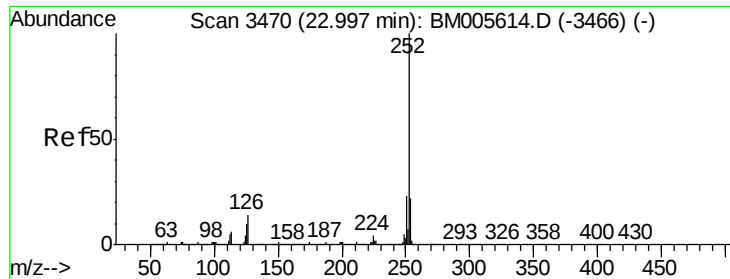
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#85
Benzo(b)fluoranthene
Concen: 8.73 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM005621.D
Acq: 23 May 2016 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	428145		
253	25.4	17.3	25.9	
125	12.7	7.0	10.4	





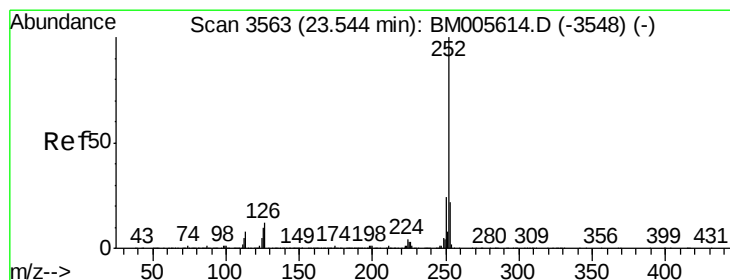
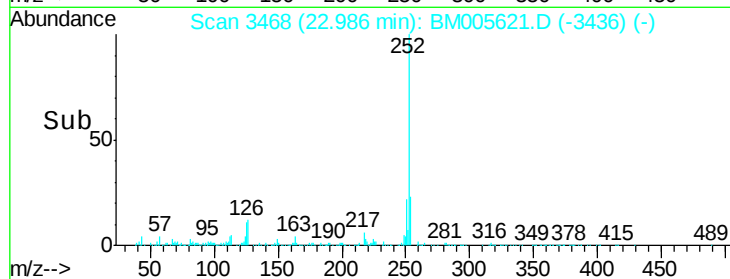
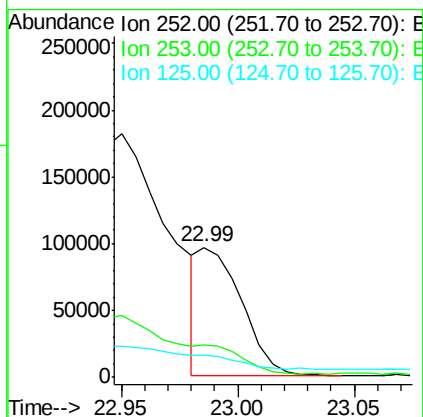
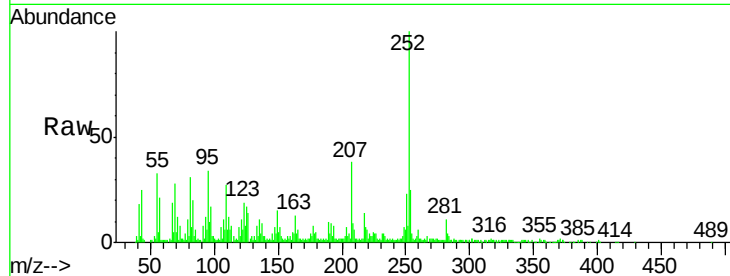
#86
Benzo(k)fluoranthene
Concen: 2.63 ng/ul m
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM005621.D
Acq: 23 May 2016 22:22

Instrument :
BNA_M
ClientSampleId :
JH GK8

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	121892		
253	24.6	17.5	26.3	
125	17.3	7.0	10.6	#

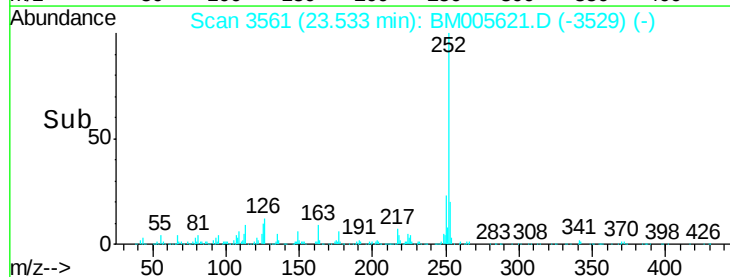
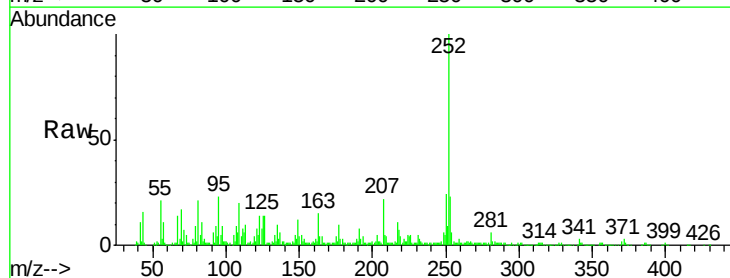
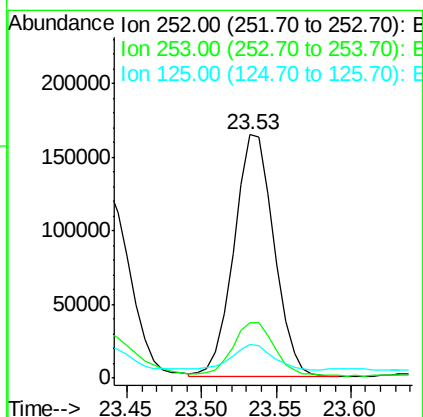
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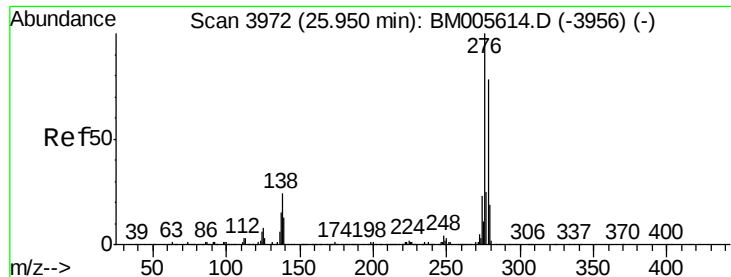
umangi
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#88
Benzo(a)pyrene
Concen: 6.42 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM005621.D
Acq: 23 May 2016 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	305462		
253	23.0	17.6	26.4	
125	13.7	7.6	11.4	#





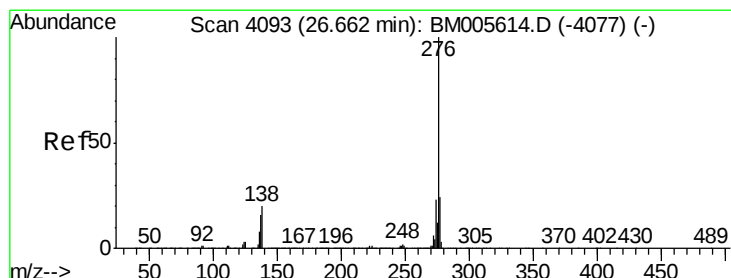
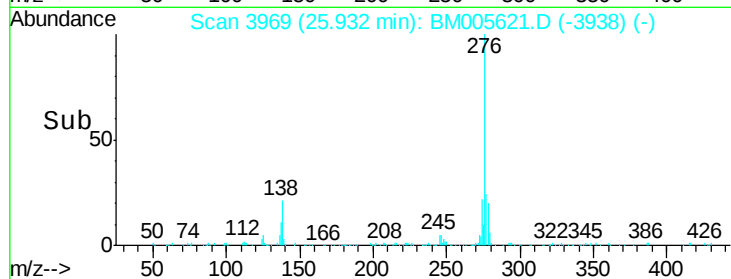
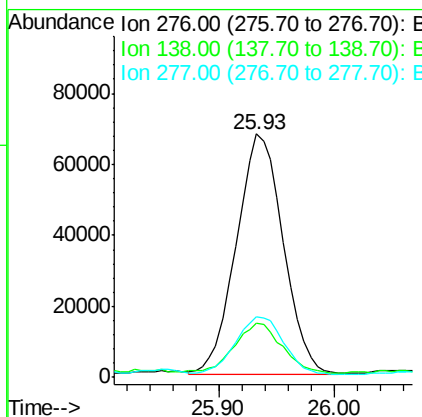
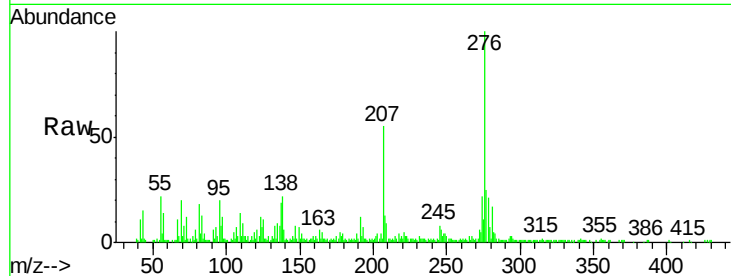
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.38 ng/ul
 RT: 25.93 min Scan# 3969
 Delta R.T. -0.02 min
 Lab File: BM005621.D
 Acq: 23 May 2016 22:22

Instrument :
 BNA_M
 ClientSampleId :
 JH GK8

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	190896		
138	22.3	16.9	25.3	
277	25.0	20.2	30.4	

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 3.89 ng/ul
 RT: 26.64 min Scan# 4090
 Delta R.T. -0.02 min
 Lab File: BM005621.D
 Acq: 23 May 2016 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	184566		
138	21.1	15.0	22.6	
277	24.1	18.6	28.0	

