

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005634.D
 Acq On : 24 May 2016 06:43
 Operator : UM/SJ
 Sample : H3124-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGF1RE

Manual Integrations
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Quant Time: May 24 08:11:09 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	7.82	152	312371	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	1318042	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.46	164	566156	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	844776	20.00	ng/ul	0.03
75) Chrysene-d12	21.39	240	611963	20.00	ng/ul	0.03
83) Perylene-d12	23.70	264	668065	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	18336	2.57	ng/uL	0.00
5) Phenol-d5	7.01	99	478691	18.70	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	270915	18.26	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	399597	18.71	ng/ul	0.02
13) 4-Methylphenol-d8	8.54	113	387172	18.45	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	193232	19.17	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	204343	18.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.25	165	367168	17.57	ng/ul	0.03
29) 4-Chloroaniline-d4	10.75	131	133193	6.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.86	166	925754	20.03	ng/ul	0.02
46) Acenaphthylene-d8	14.16	160	1147553	19.86	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	103978	11.89	ng/ul	0.04
57) Fluorene-d10	15.46	176	654595	16.28	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.59	200	13997	2.88	ng/ul	0.04
70) Anthracene-d10	17.31	188	790993	19.66	ng/ul	0.03
76) Pyrene-d10	19.60	212	697102	25.15	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.56	264	592345	18.99	ng/ul	0.06

Target Compounds

						Qvalue
28) Naphthalene	10.66	128	128672	1.94	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	90355	1.87	ng/ul	97
44) Dimethylphthalate	13.91	163	118211	2.59	ng/ul#	95
47) Acenaphthylene	14.19	152	514353	8.76	ng/ul	95
49) Acenaphthene	14.53	153	75134	1.94	ng/ul	94
58) Fluorene	15.51	166	196974	4.45	ng/ul#	93
69) Phenanthrene	17.26	178	2469781	52.31	ng/ul	98
71) Anthracene	17.34	178	794692	16.52	ng/ul	98
74) Fluoranthene	19.27	202	3189765	60.02	ng/ul	99
77) Pyrene	19.64	202	3818593	108.55	ng/ul	97
80) Benzo(a)anthracene	21.38	228	1247456	34.68	ng/ul#	90
82) Chrysene	21.43	228	1239924m	36.23	ng/ul	
85) Benzo(b)fluoranthene	23.01	252	1414930	35.91	ng/ul#	87
86) Benzo(k)fluoranthene	23.04	252	425442m	11.41	ng/ul	
88) Benzo(a)pyrene	23.61	252	1361202	35.61	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.06	276	1024192	22.56	ng/ul	98
90) Dibenzo(a,h)anthracene	26.06	278	214317	5.67	ng/ul#	60
91) Benzo(g,h,i)perylene	26.79	276	1076470	28.20	ng/ul	93

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

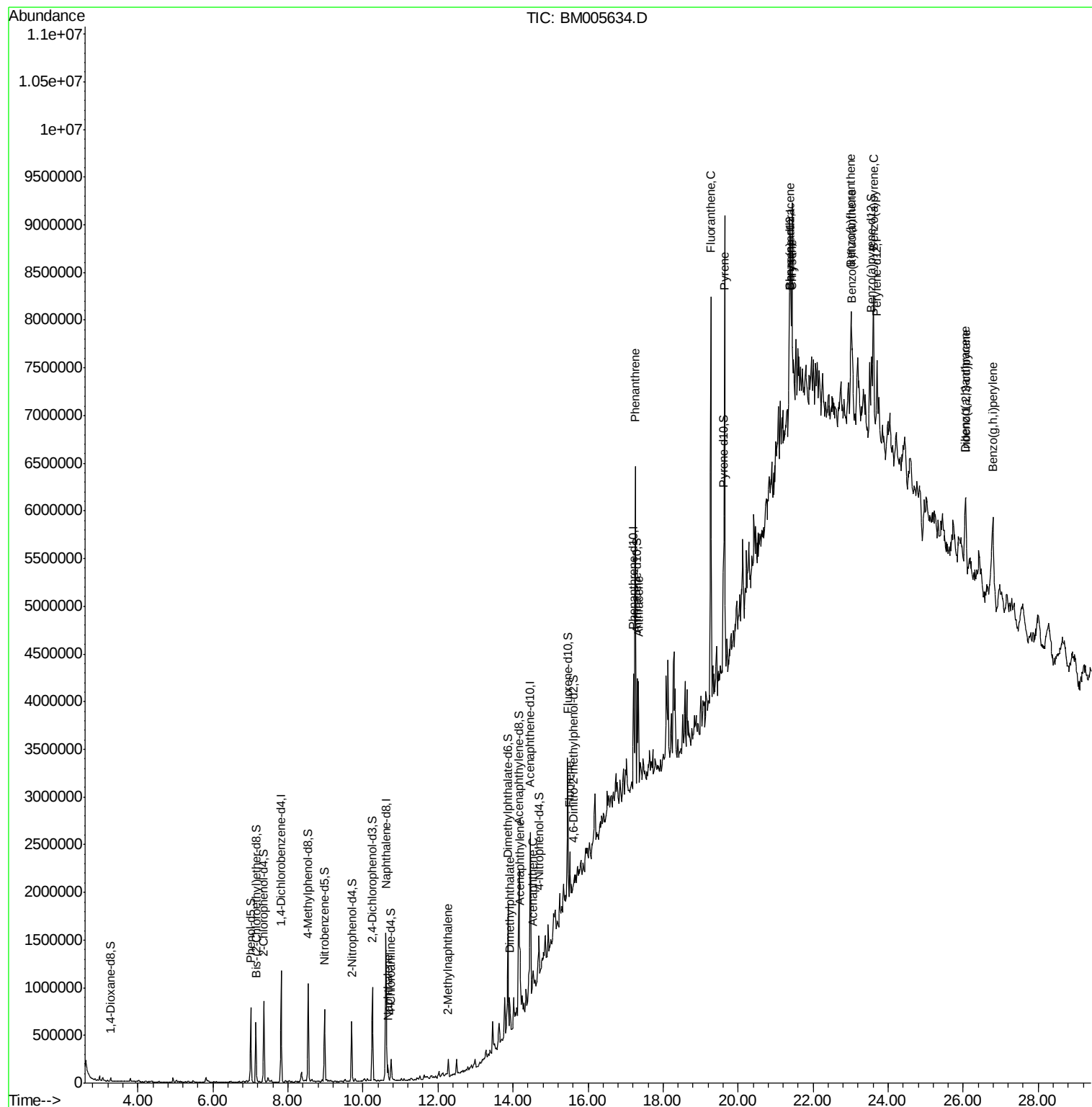
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005634.D
Acq On : 24 May 2016 06:43
Operator : UM/SJ
Sample : H3124-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

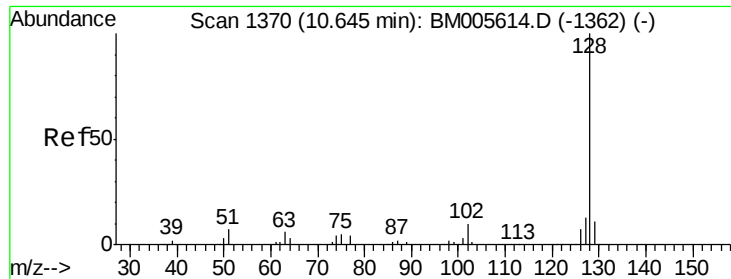
Instrument :
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Quant Title : SVOA CALIBRATION
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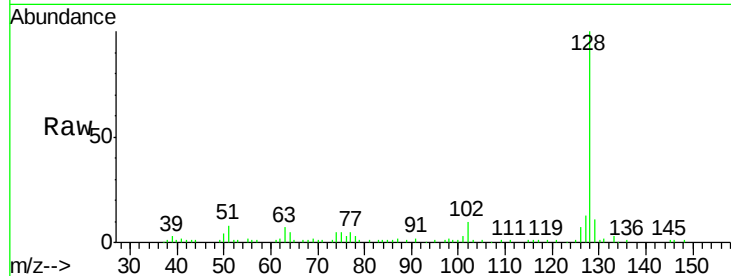
#28
Naphthalene
Concen: 1.94 ng/ul
RT: 10.66 min Scan# 1373
Delta R.T. 0.02 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Instrument :
BNA_M
ClientSampleId :
JHGF1RE

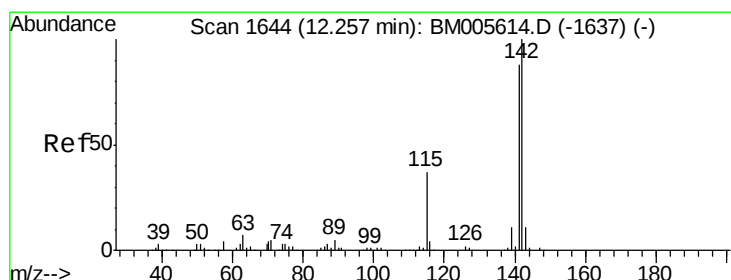
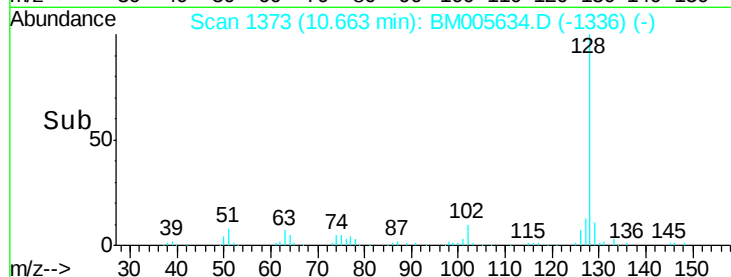
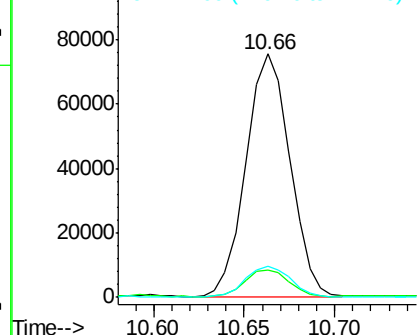
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	128672		
129	11.4	8.6	13.0	
127	12.8	10.6	15.8	

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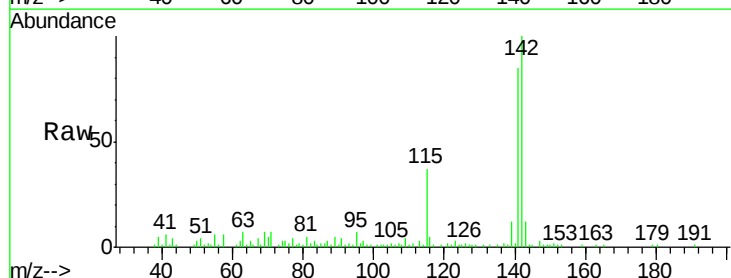


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

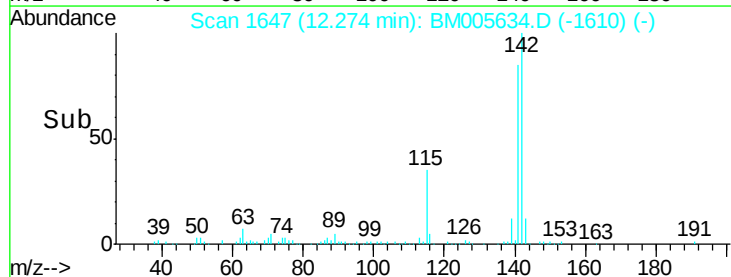
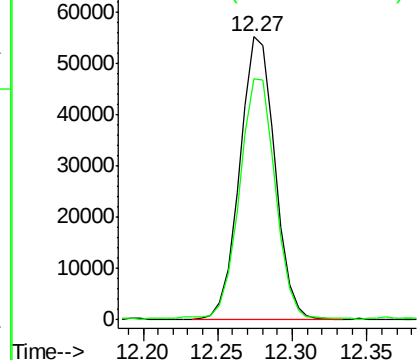


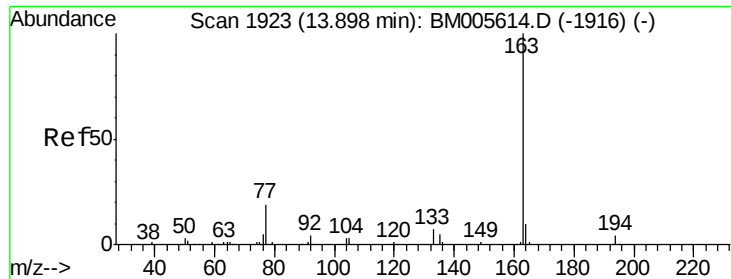
#34
2-Methylnaphthalene
Concen: 1.87 ng/ul
RT: 12.27 min Scan# 1647
Delta R.T. 0.02 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	90355		
141	85.2	70.6	106.0	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 2.59 ng/ul

RT: 13.91 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BM005634.D

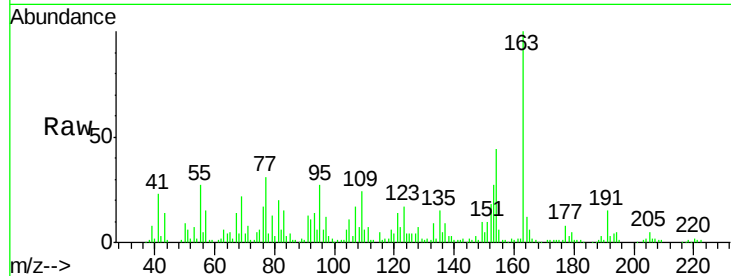
Acq: 24 May 2016 06:43

Instrument :

BNA_M

ClientSampleId :

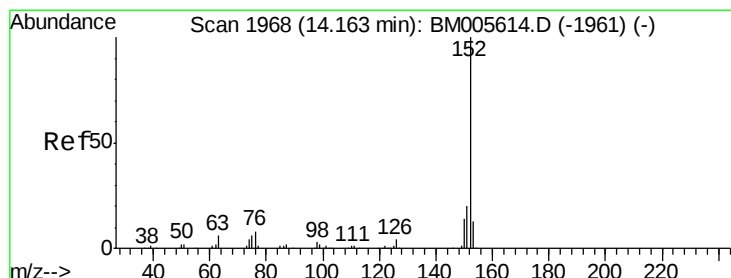
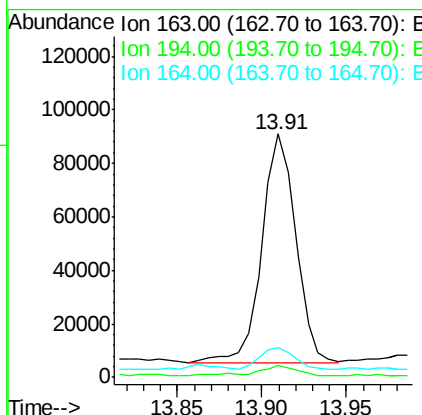
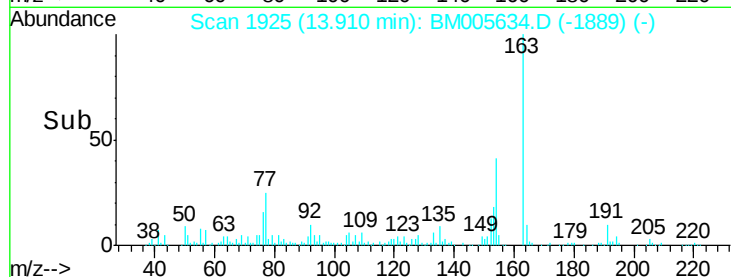
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118211		
194	4.7	3.4	5.0	
164	12.5	8.0	12.0	

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#47

Acenaphthylene

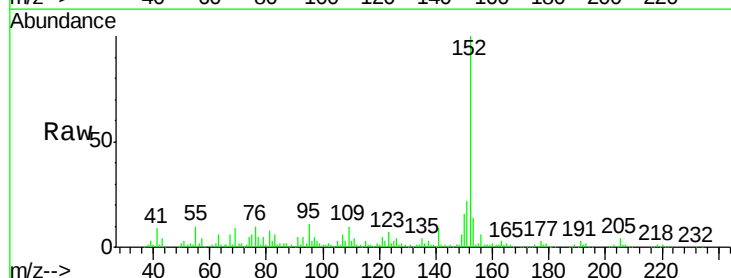
Concen: 8.76 ng/ul

RT: 14.19 min Scan# 1972

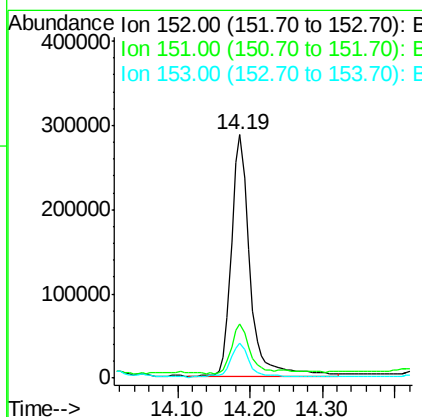
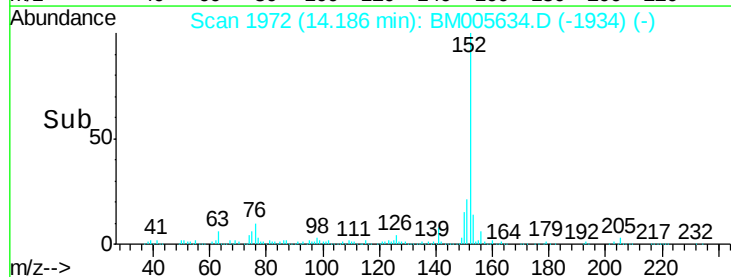
Delta R.T. 0.02 min

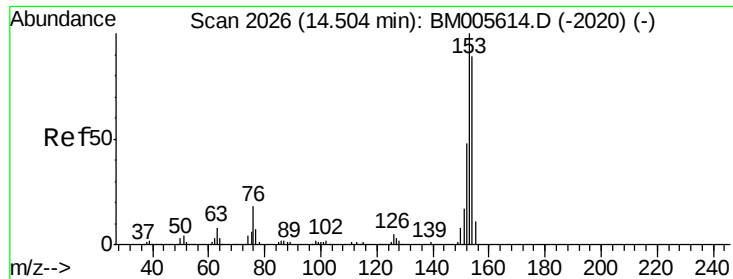
Lab File: BM005634.D

Acq: 24 May 2016 06:43



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	514353		
151	22.5	15.7	23.5	
153	14.2	10.5	15.7	





#49

Acenaphthene

Concen: 1.94 ng/ul

RT: 14.53 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BM005634.D

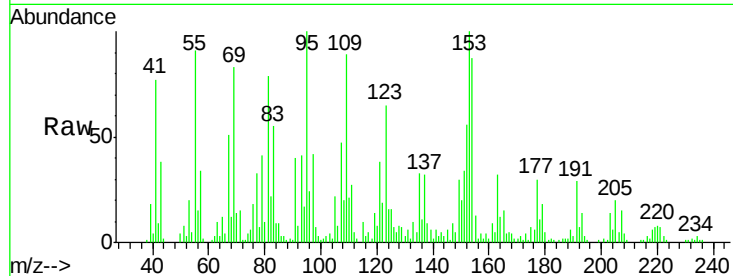
Acq: 24 May 2016 06:43

Instrument :

BNA_M

ClientSampleId :

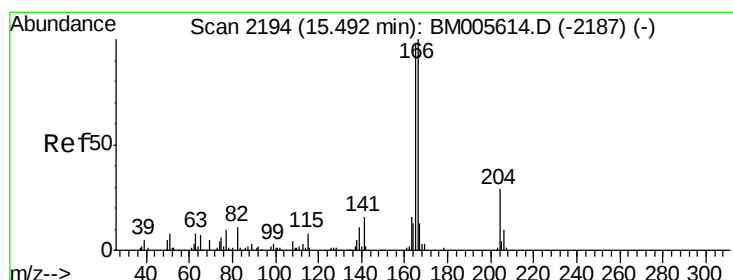
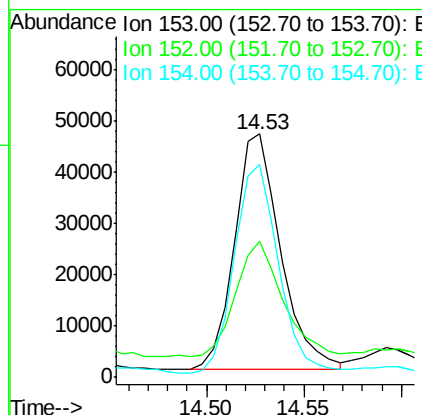
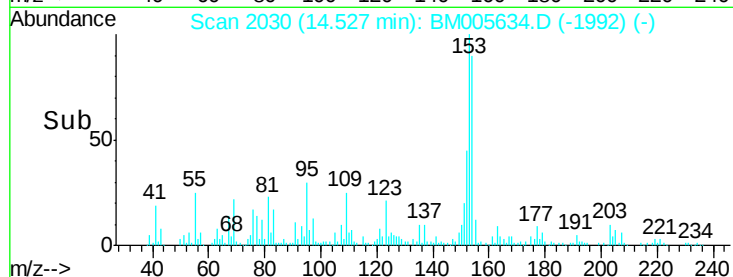
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Tgt Ion:	153	Resp:	75134
Ion Ratio	Lower	Upper	
153	100		
152	56.1	37.8	56.6
154	87.2	71.1	106.7

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#58

Fluorene

Concen: 4.45 ng/ul

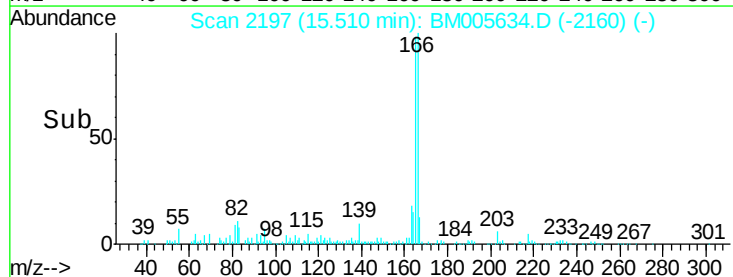
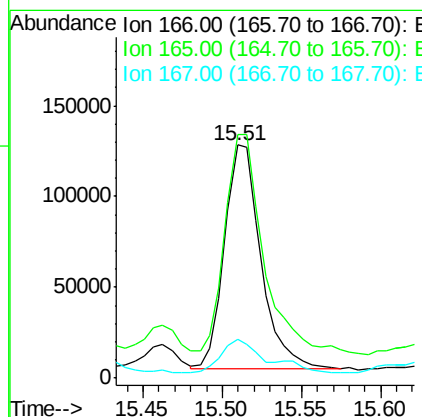
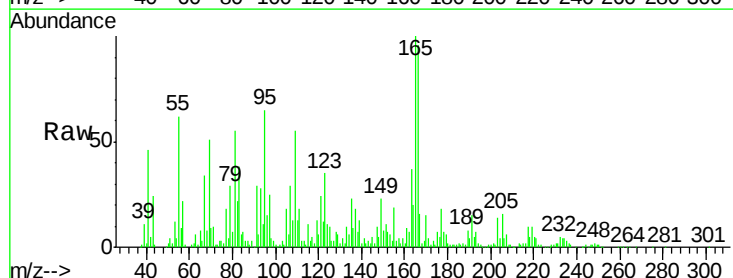
RT: 15.51 min Scan# 2197

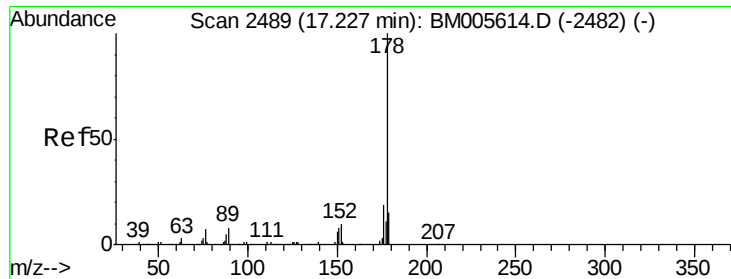
Delta R.T. 0.02 min

Lab File: BM005634.D

Acq: 24 May 2016 06:43

Tgt Ion:	166	Resp:	196974
Ion Ratio	Lower	Upper	
166	100		
165	104.2	78.0	117.0
167	16.5	10.5	15.7#





#69

Phenanthrene

Concen: 52.31 ng/ul

RT: 17.26 min Scan# 2494

Delta R.T. 0.03 min

Lab File: BM005634.D

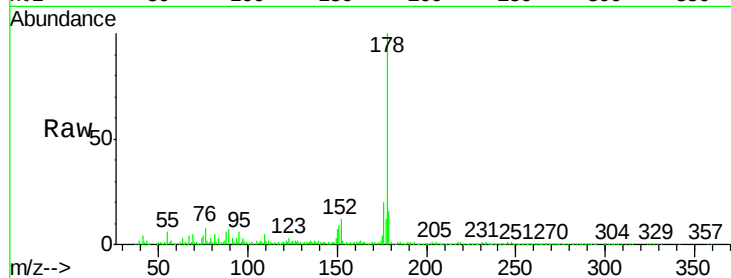
Acq: 24 May 2016 06:43

Instrument :

BNA_M

ClientSampleId :

JHGF1RE



Tgt Ion:178 Resp: 2469781

Ion Ratio Lower Upper

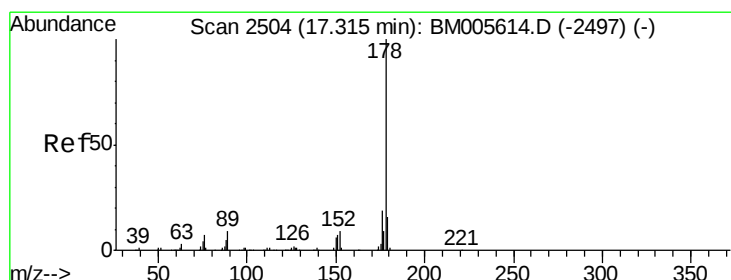
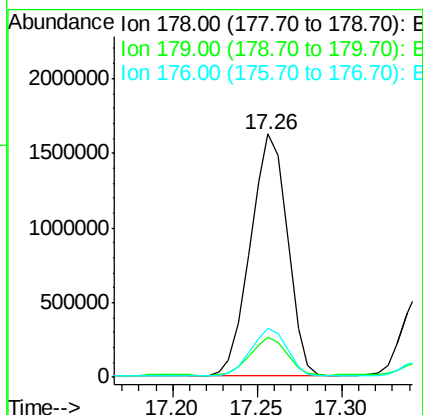
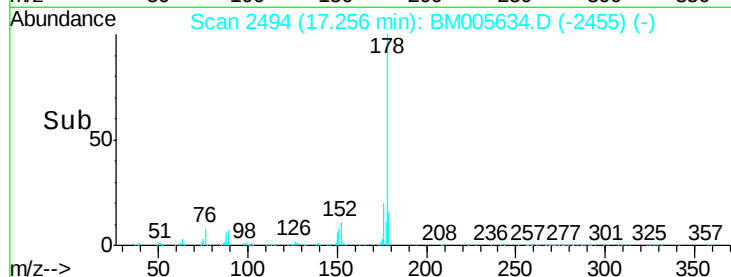
178 100

179 16.3 12.2 18.2

176 20.0 15.8 23.6

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#71

Anthracene

Concen: 16.52 ng/ul

RT: 17.34 min Scan# 2509

Delta R.T. 0.03 min

Lab File: BM005634.D

Acq: 24 May 2016 06:43

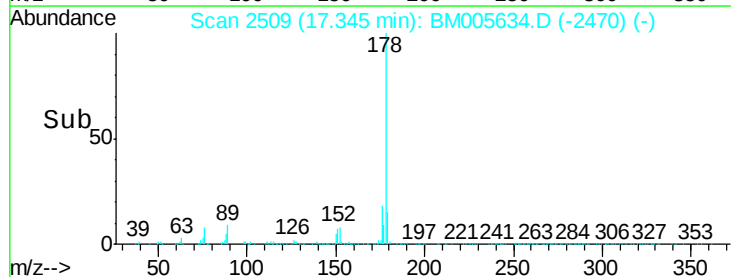
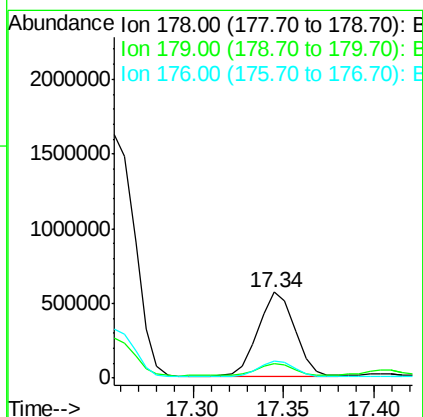
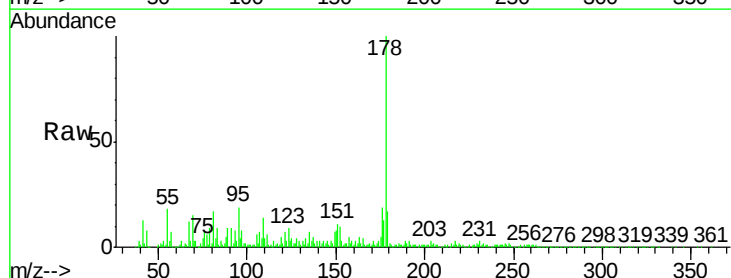
Tgt Ion:178 Resp: 794692

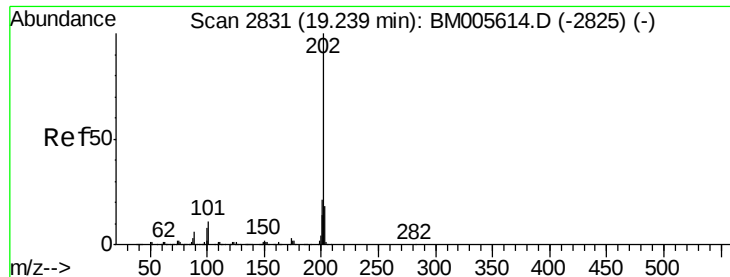
Ion Ratio Lower Upper

178 100

179 16.9 12.6 18.8

176 19.4 15.0 22.4





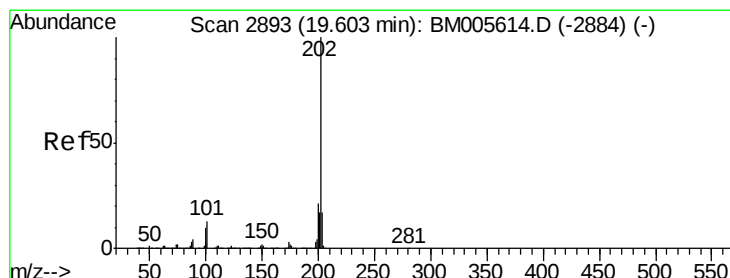
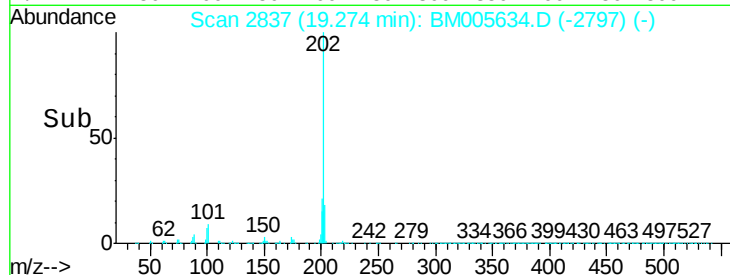
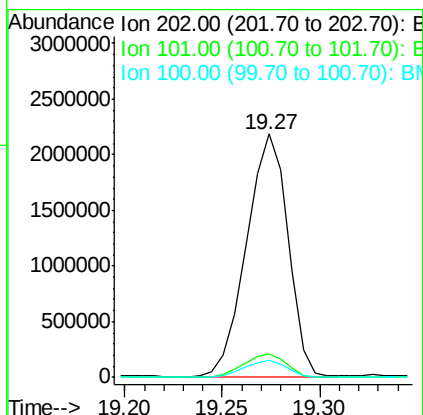
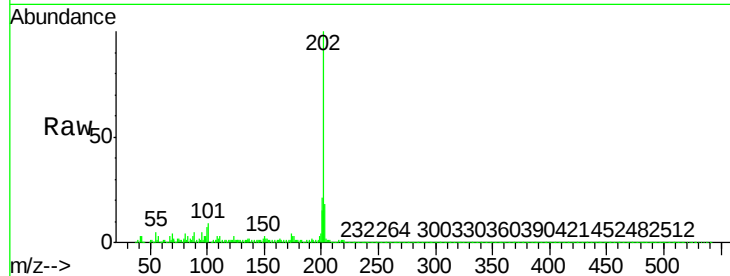
#74
Fluoranthene
Concen: 60.02 ng/ul
RT: 19.27 min Scan# 2837
Delta R.T. 0.04 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Instrument :
BNA_M
ClientSampleId :
JHGF1RE

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.9	11.9
100	6.9	5.6	8.4

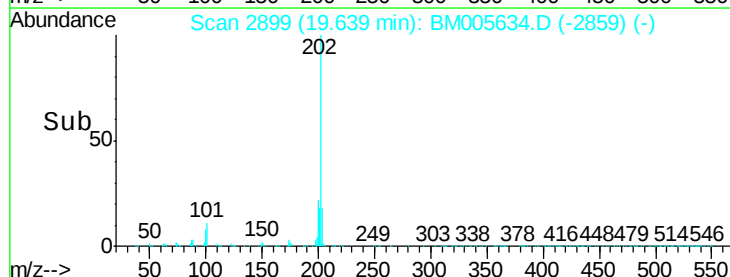
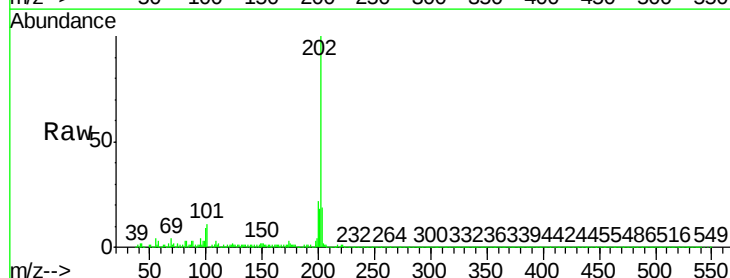
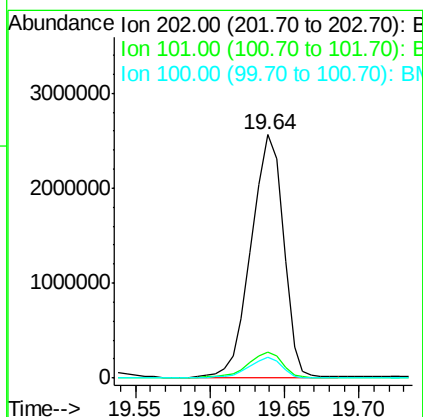
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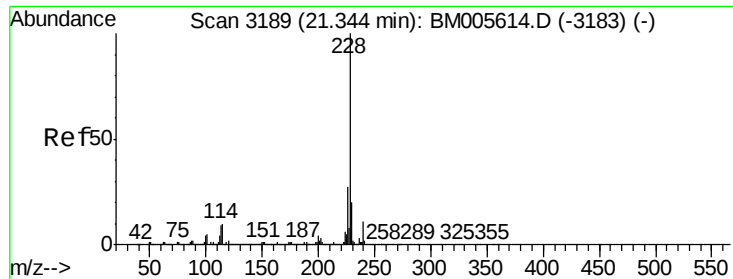
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#77
Pyrene
Concen: 108.55 ng/ul
RT: 19.64 min Scan# 2899
Delta R.T. 0.04 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.6	14.4
100	8.5	7.8	11.6





#80

Benzo(a)anthracene

Concen: 34.68 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. 0.04 min

Lab File: BM005634.D

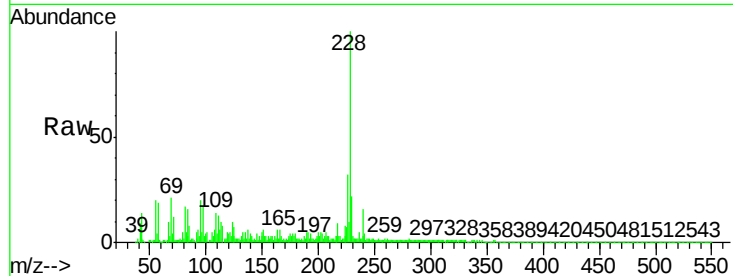
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Instrument :

BNA_M

ClientSampleId :

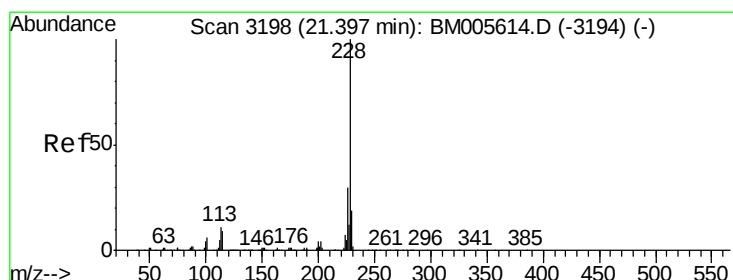
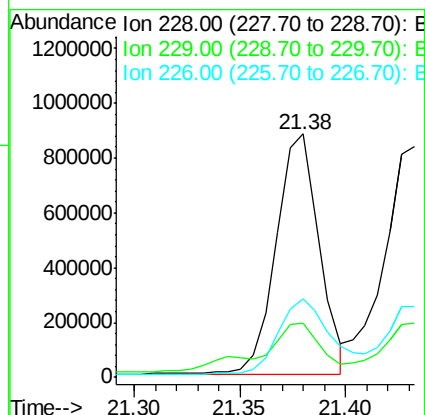
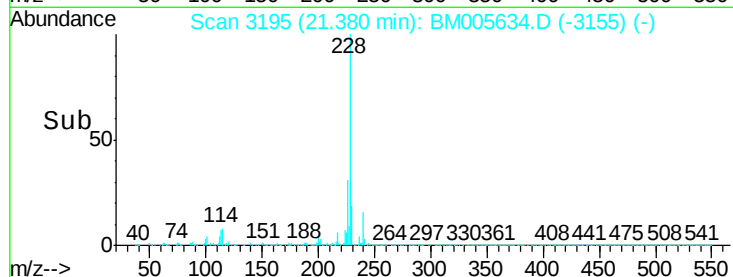
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.2
226	32.1	21.0	31.4#

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#82

Chrysene

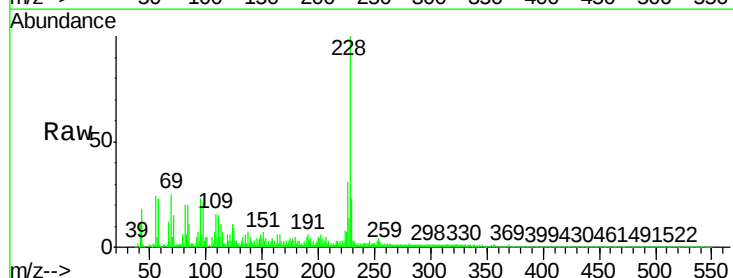
Concen: 36.23 ng/ul m

RT: 21.43 min Scan# 3204

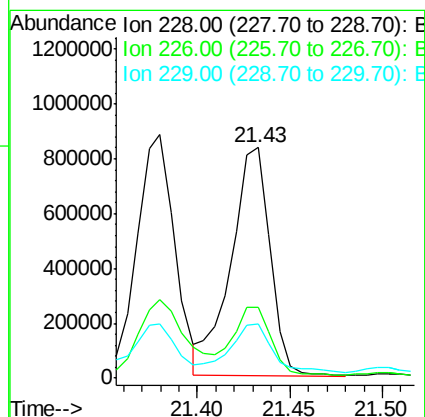
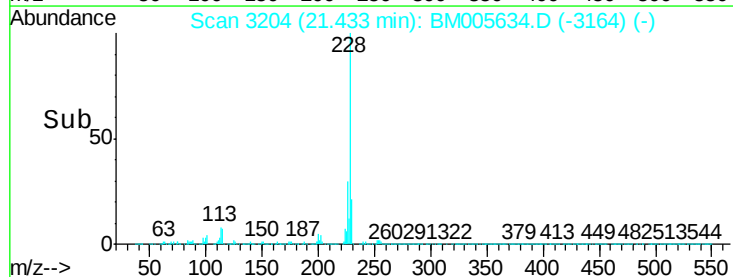
Delta R.T. 0.04 min

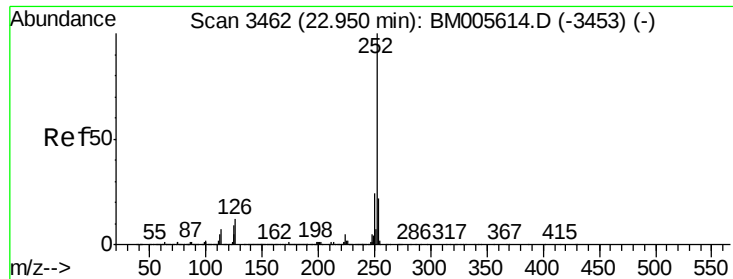
Lab File: BM005634.D

Acq: 24 May 2016 06:43



Tgt Ion	Ratio	Lower	Upper
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226	30.8	23.7	35.5
229	23.5	15.5	23.3#





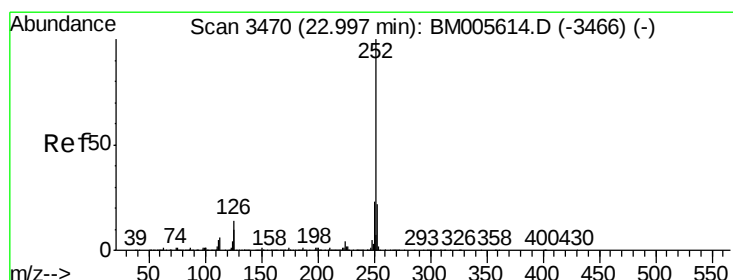
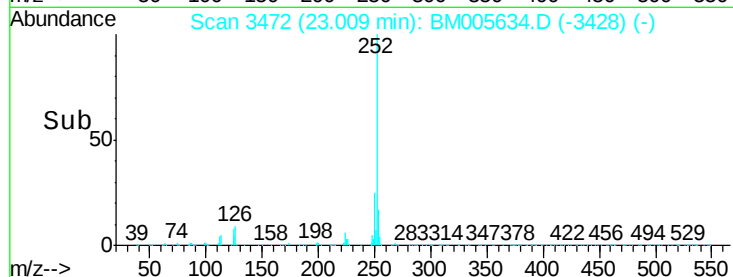
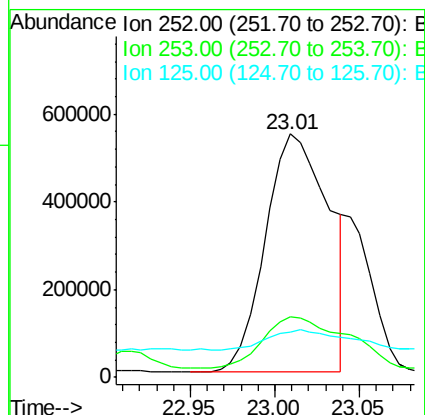
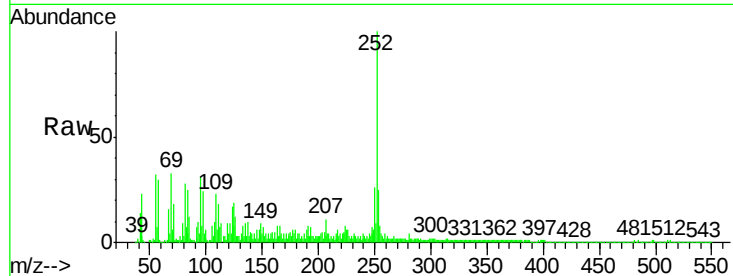
#85
Benzo(b)fluoranthene
Concen: 35.91 ng/ul
RT: 23.01 min Scan# 3472
Delta R.T. 0.06 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Instrument :
BNA_M
ClientSampleId :
JHGF1RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	18.6	7.0	10.4

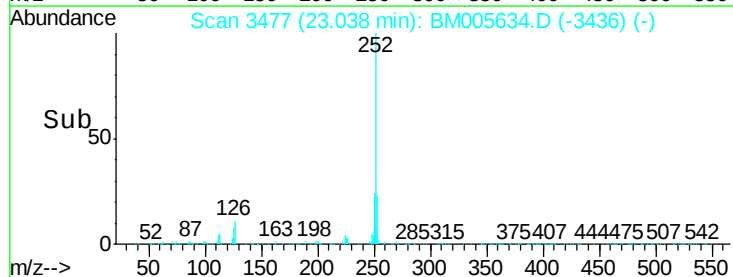
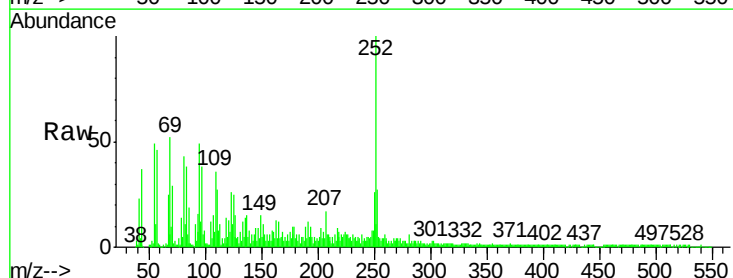
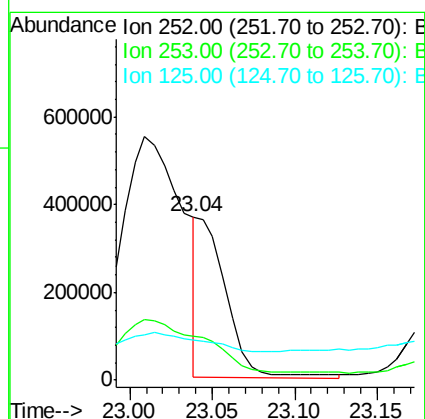
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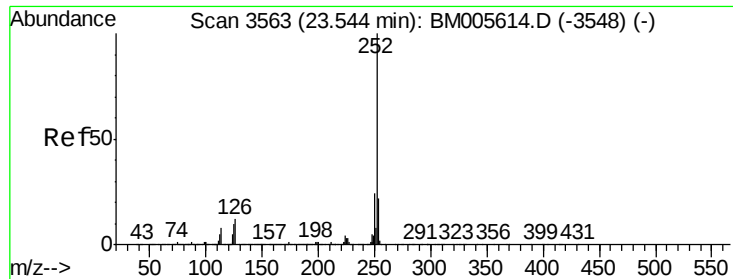
umangi
5/24/2016 7:42:07 PM



#86
Benzo(k)fluoranthene
Concen: 11.41 ng/ul m
RT: 23.04 min Scan# 3477
Delta R.T. 0.04 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3
125	24.7	7.0	10.6





#88

Benzo(a)pyrene

Concen: 35.61 ng/ul

RT: 23.61 min Scan# 3574

Delta R.T. 0.06 min

Lab File: BM005634.D

Acq: 24 May 2016 06:43

Instrument :

BNA_M

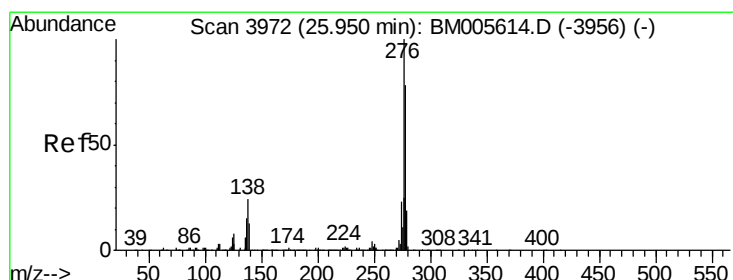
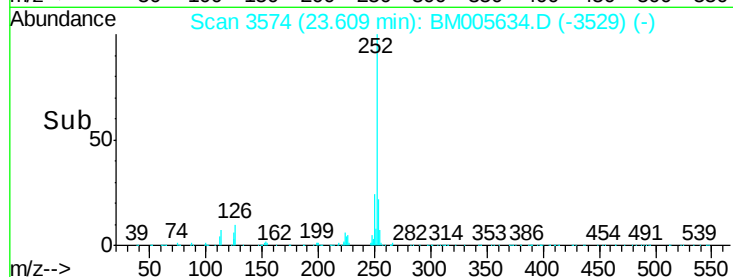
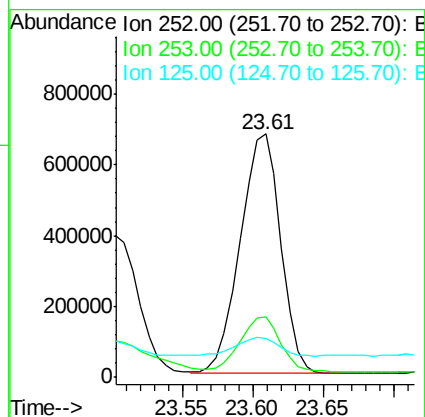
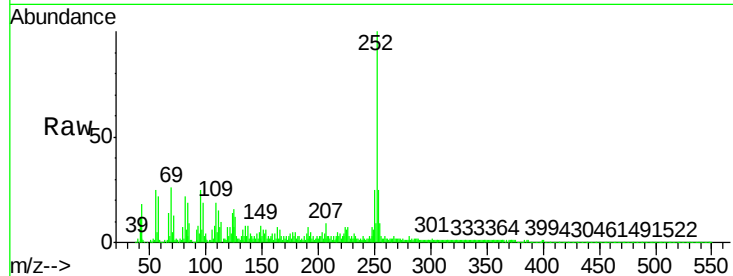
ClientSampleId :

JHGF1RE

Tgt Ion:	252	Resp:	1361202
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.6	26.4
125	16.1	7.6	11.4#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 22.56 ng/ul

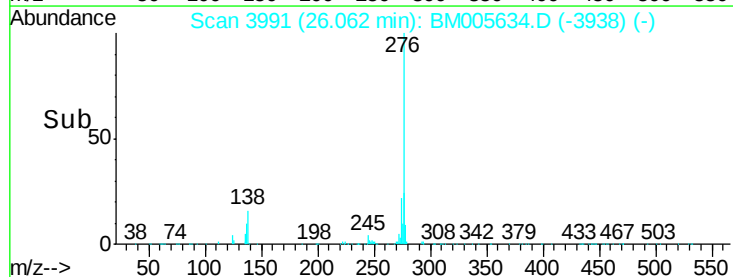
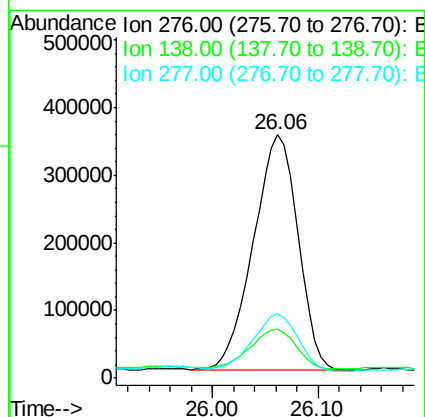
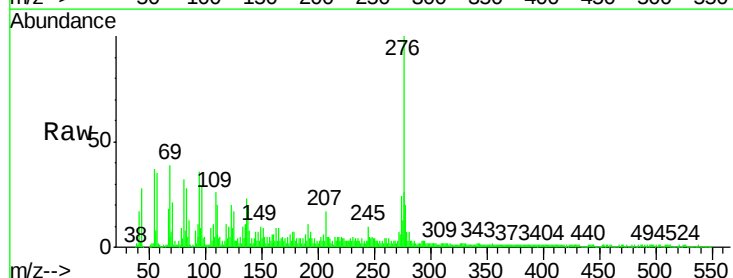
RT: 26.06 min Scan# 3991

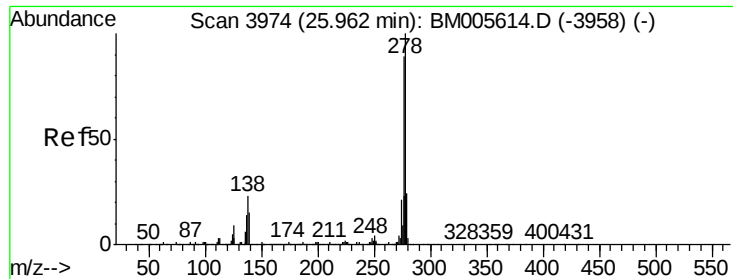
Delta R.T. 0.11 min

Lab File: BM005634.D

Acq: 24 May 2016 06:43

Tgt Ion:	276	Resp:	1024192
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.9	25.3
277	26.2	20.2	30.4





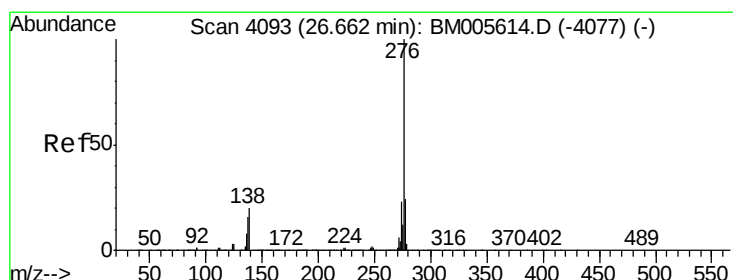
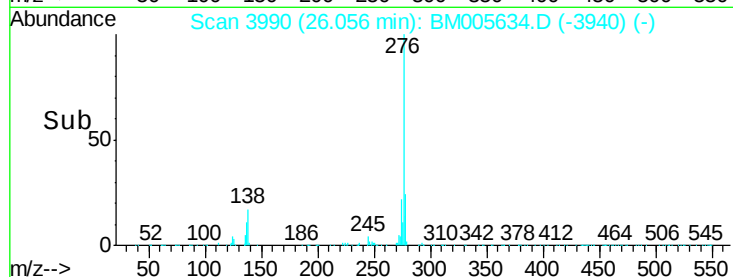
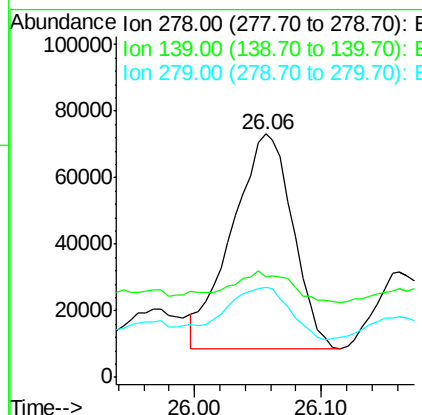
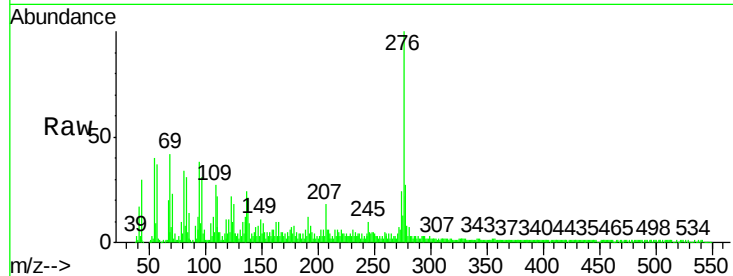
#90
Dibenzo(a,h)anthracene
Concen: 5.67 ng/ul
RT: 26.06 min Scan# 3990
Delta R.T. 0.09 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Instrument :
BNA_M
ClientSampleId :
JHGF1RE

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.4	11.8	17.6#
279	36.8	19.4	29.2#

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#91
Benzo(g,h,i)perylene
Concen: 28.20 ng/ul
RT: 26.79 min Scan# 4115
Delta R.T. 0.13 min
Lab File: BM005634.D
Acq: 24 May 2016 06:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.0	22.6
277	26.6	18.6	28.0

