

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007974.D
 Acq On : 22 Nov 2016 00:39
 Operator : UM/SJ
 Sample : H5695-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST4

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Quant Time: Nov 22 10:00:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 05:49:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	580	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1934	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1184	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	2490m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2662	0.40	ng/ul	-0.01
20) Perylene-d12	23.54	264	2151m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	581	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1504	0.21	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.55	128	599	0.11	ng/ul#	80
5) 2-Methylnaphthalene	12.19	142	139	0.04	ng/ul	99
7) Acenaphthylene	14.06	152	761	0.14	ng/ul#	80
12) Phenanthrene	17.14	178	6002	0.77	ng/ul	94
13) Anthracene	17.23	178	1365	0.19	ng/ul#	92
15) Fluoranthene	19.16	202	17644m	1.76	ng/ul	
17) Pyrene	19.52	202	19747	2.14	ng/ul	97
18) Benzo(a)anthracene	21.28	228	8476	1.04	ng/ul	97
19) Chrysene	21.33	228	10712	1.05	ng/ul	95
21) Benzo(b)fluoranthene	22.86	252	12317m	1.43	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	4056m	0.46	ng/ul	
23) Benzo(a)pyrene	23.43	252	10204m	1.27	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	6190m	0.62	ng/ul	
26) Benzo(g,h,i)perylene	26.49	276	4780m	0.54	ng/ul	

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

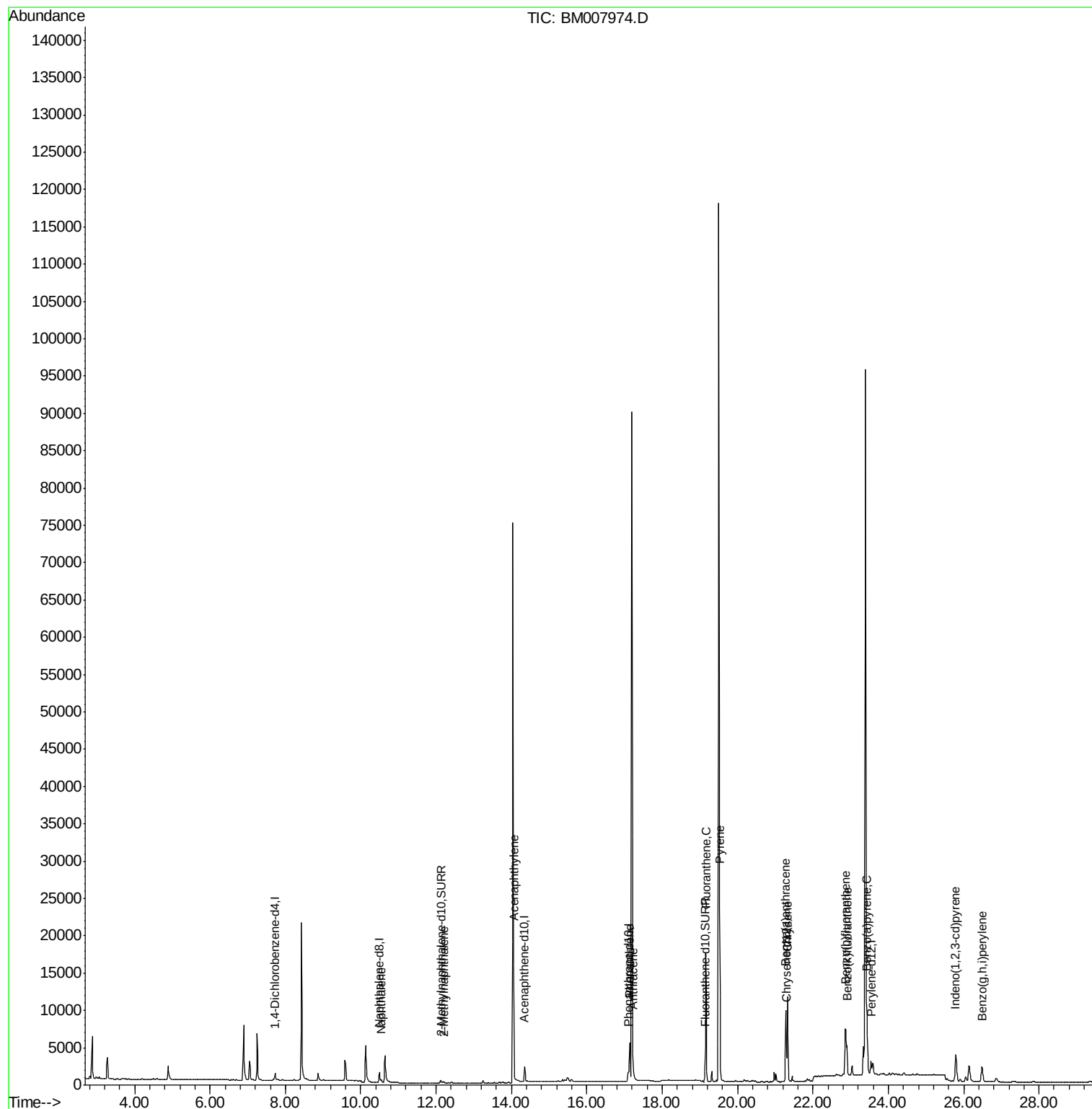
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
Data File : BM007974.D
Acq On : 22 Nov 2016 00:39
Operator : UM/SJ
Sample : H5695-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

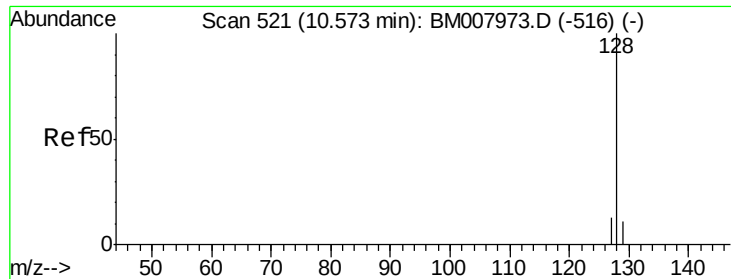
Instrument :
BNA_M
ClientSampleId :
JHST4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 05:49:20 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007974.D

Acq: 22 Nov 2016 00:39

Instrument :

BNA_M

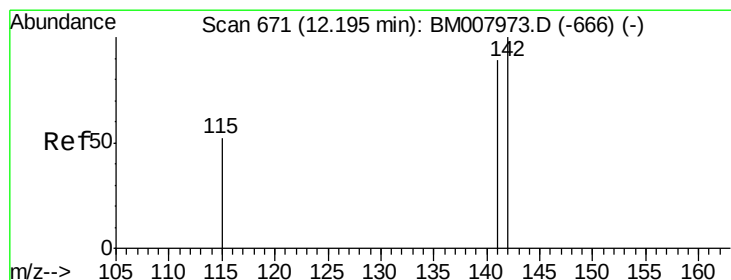
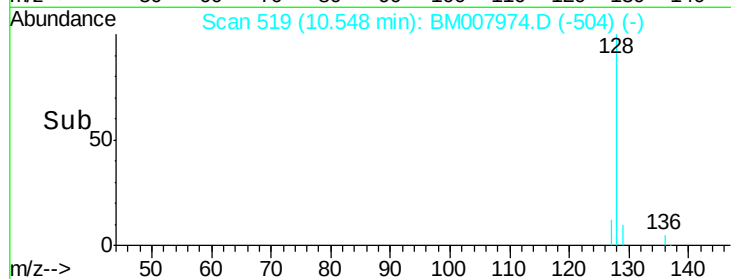
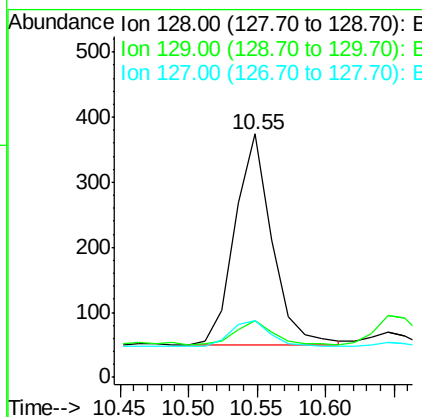
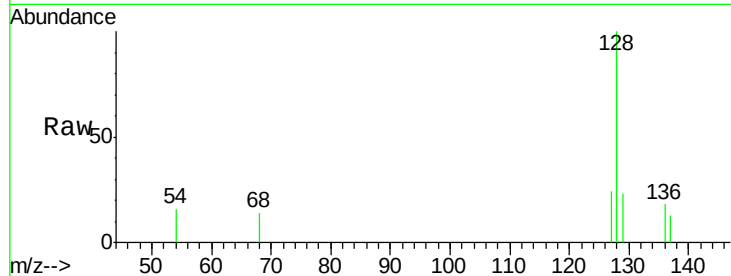
ClientSampled :

JHST4

Tgt Ion:	128	Resp:	599
Ion Ratio	Lower	Upper	
128	100		
129	23.3	11.3	16.9#
127	23.5	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

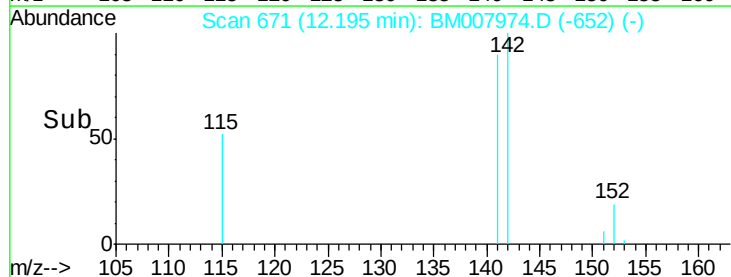
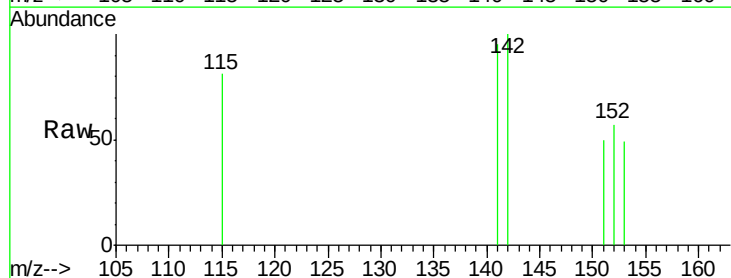
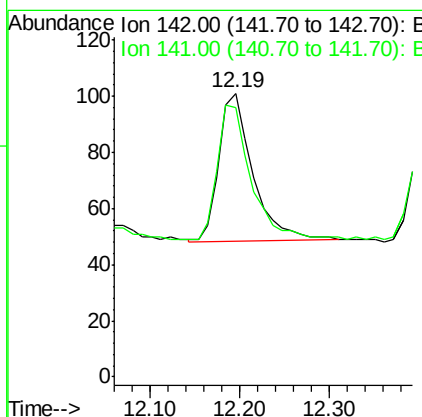
RT: 12.19 min Scan# 671

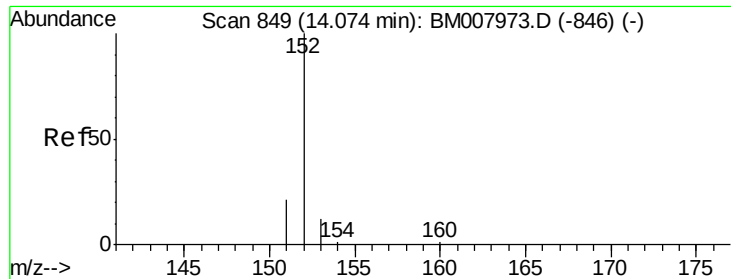
Delta R.T. 0.00 min

Lab File: BM007974.D

Acq: 22 Nov 2016 00:39

Tgt Ion:	142	Resp:	139
Ion Ratio	Lower	Upper	
142	100		
141	89.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM007974.D

Acq: 22 Nov 2016 00:39

Instrument :

BNA_M

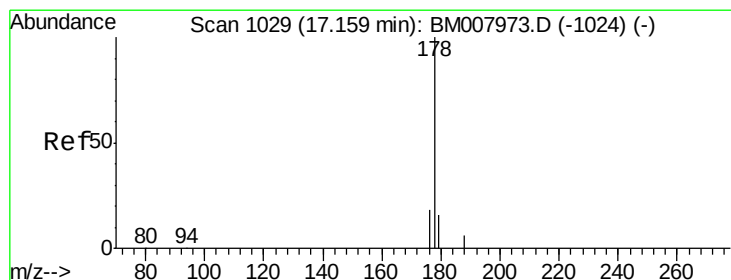
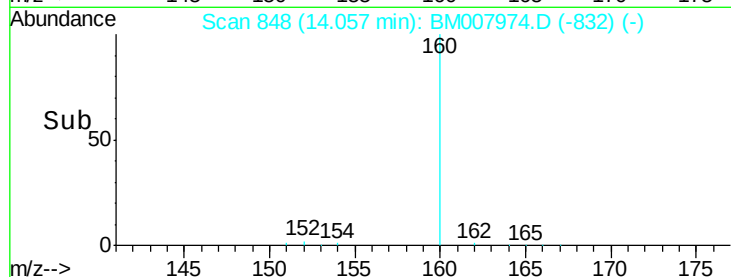
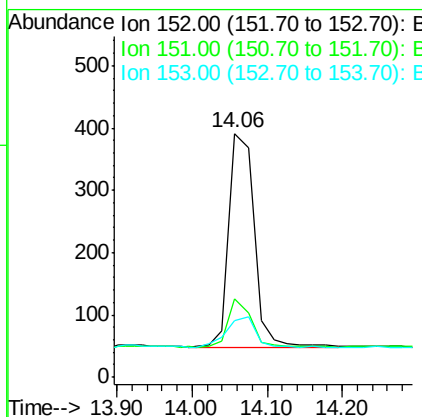
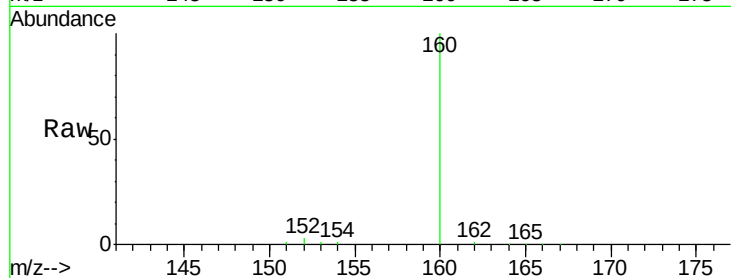
ClientSampled :

JHST4

Tgt Ion:	152	Resp:	761
Ion Ratio	Lower	Upper	
152	100		
151	32.2	17.1	25.7#
153	23.3	12.8	19.2#

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#12

Phenanthrene

Concen: 0.77 ng/ul

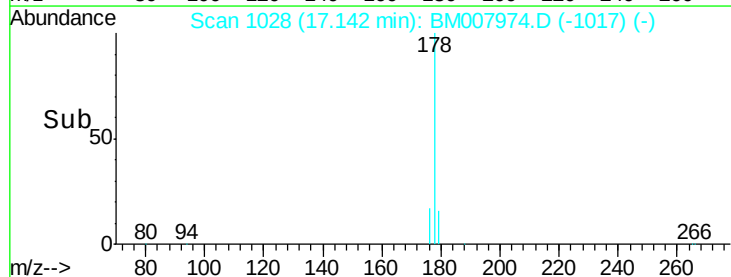
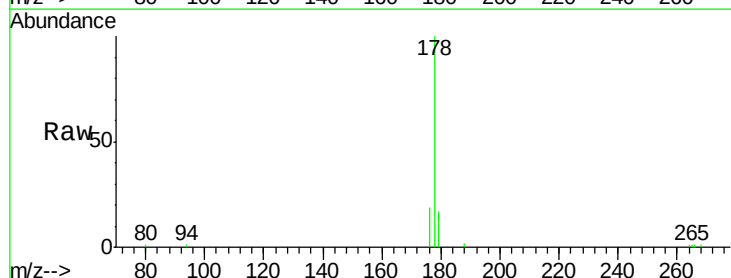
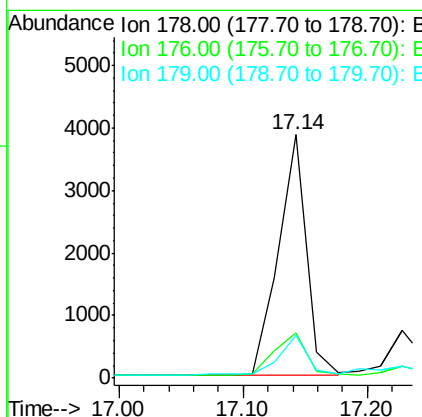
RT: 17.14 min Scan# 1028

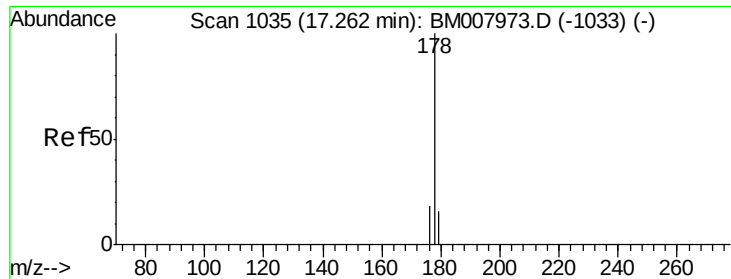
Delta R.T. -0.02 min

Lab File: BM007974.D

Acq: 22 Nov 2016 00:39

Tgt Ion:	178	Resp:	6002
Ion Ratio	Lower	Upper	
178	100		
176	18.5	18.4	27.6
179	17.4	13.6	20.4





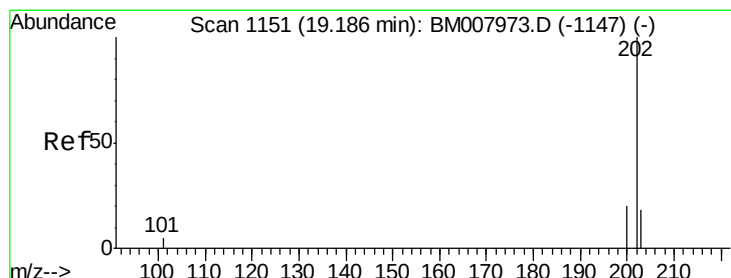
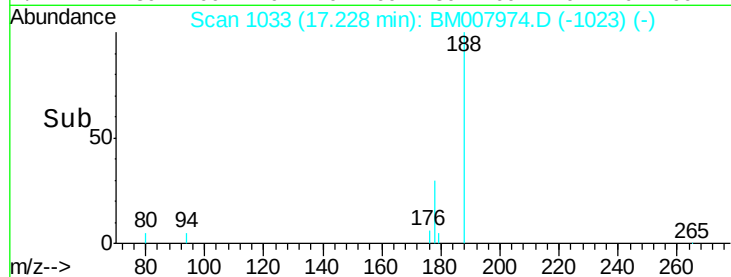
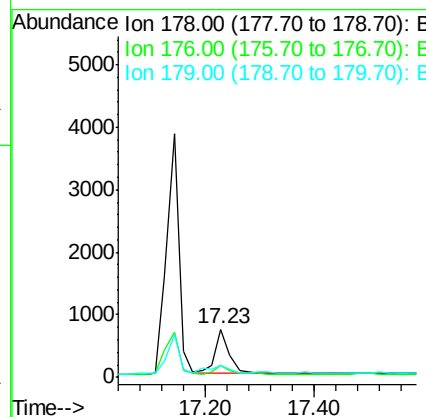
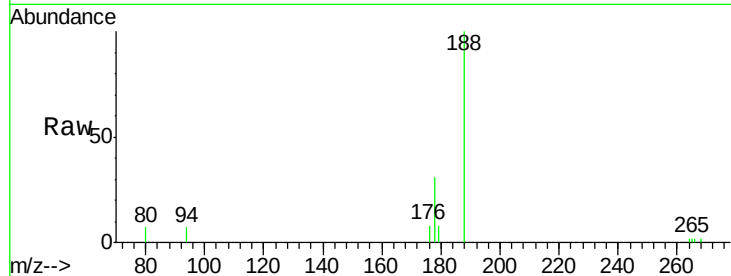
#13
 Anthracene
 Concen: 0.19 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BM007974.D
 Acq: 22 Nov 2016 00:39

Instrument :
 BNA_M
 ClientSampled :
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Tgt Ion:178 Resp: 1365
 Ion Ratio Lower Upper
 178 100
 176 24.3 18.1 27.1
 179 24.7 14.7 22.1#

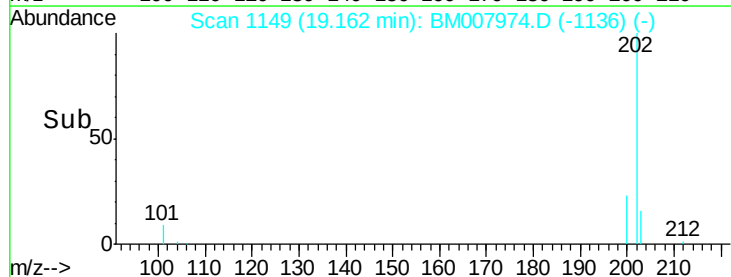
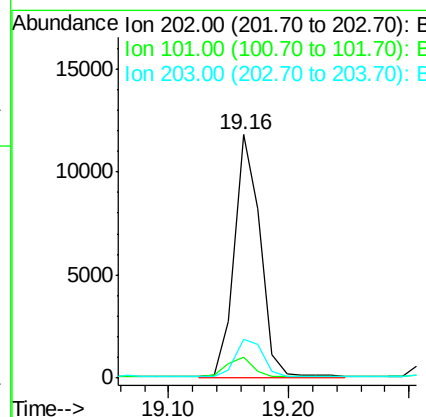
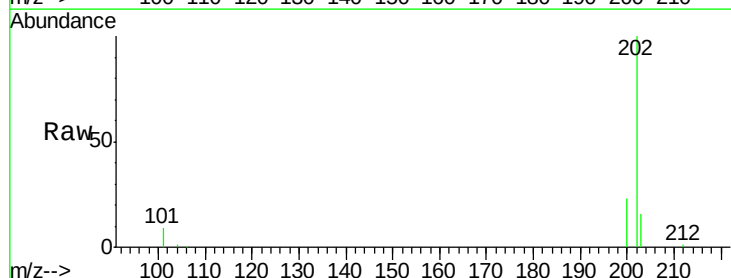
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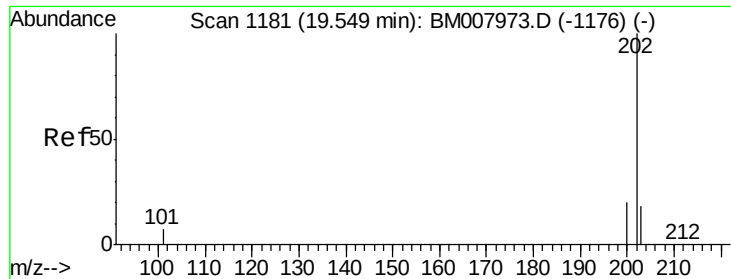
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#15
 Fluoranthene
 Concen: 1.76 ng/ul m
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BM007974.D
 Acq: 22 Nov 2016 00:39

Tgt Ion:202 Resp: 17644
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 30.3
 203 16.2 0.0 39.5





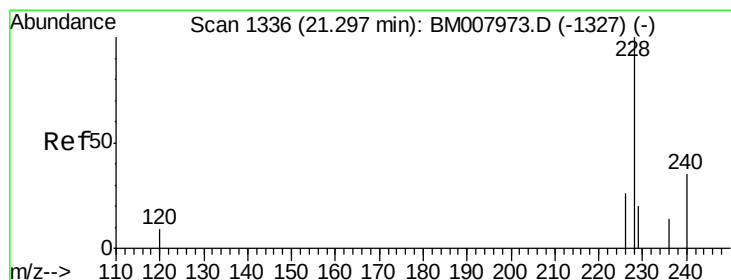
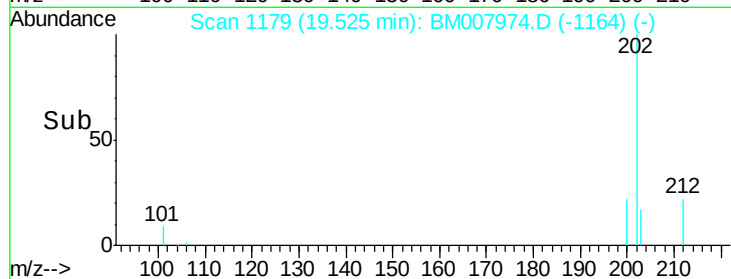
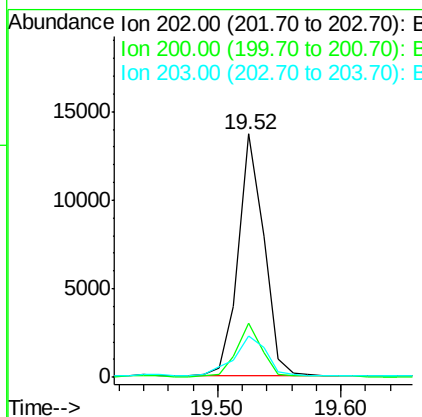
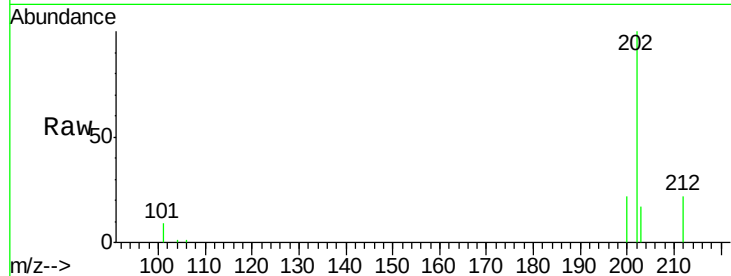
#17
Pyrene
Concen: 2.14 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM007974.D
Acq: 22 Nov 2016 00:39

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	19747		
200	22.1		18.2	27.4
203	17.2		15.6	23.4

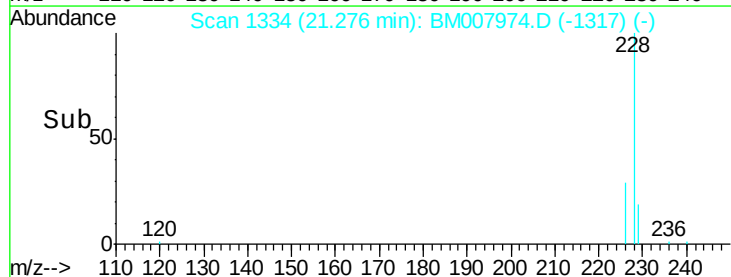
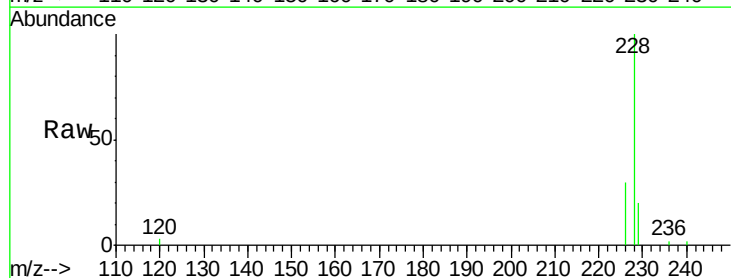
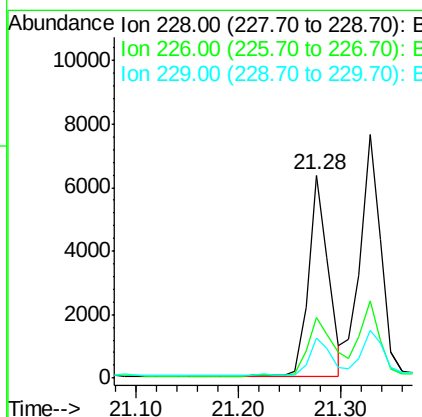
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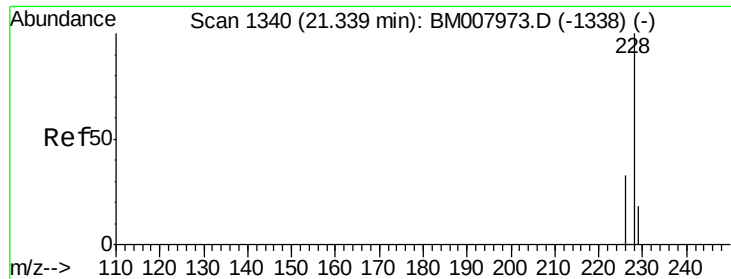
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#18
Benzo(a)anthracene
Concen: 1.04 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BM007974.D
Acq: 22 Nov 2016 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	8476		
226	30.1		22.8	34.2
229	20.1		17.0	25.6





#19

Chrysene

Concen: 1.05 ng/ul

RT: 21.33 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM007974.D

Acq: 22 Nov 2016 00:39

Instrument :

BNA_M

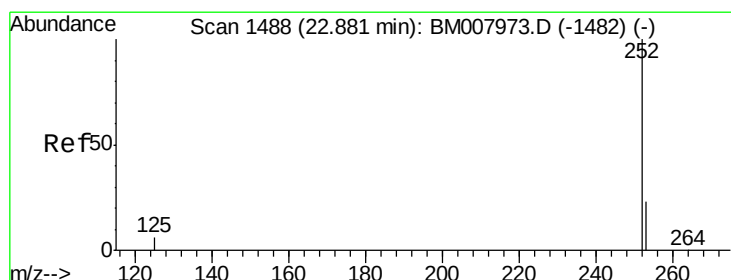
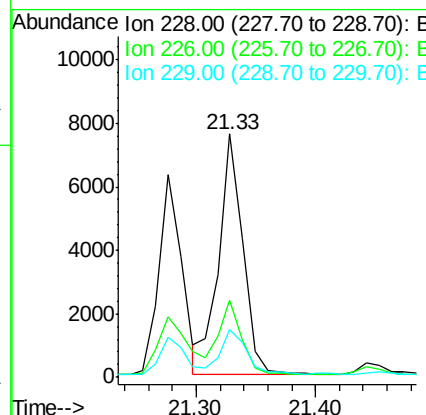
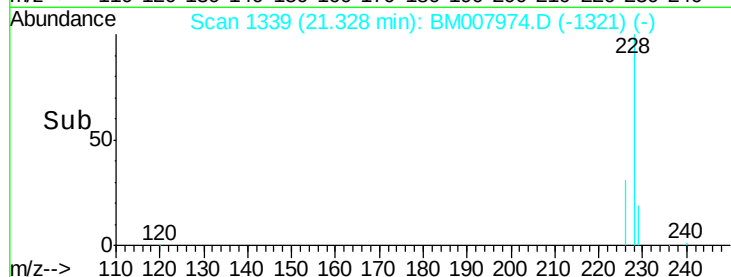
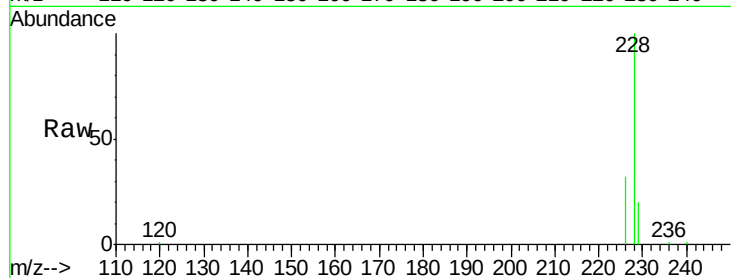
ClientSampleId :

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Tgt Ion:	228	Resp:	10712
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.4	35.0
229	19.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.43 ng/ul m

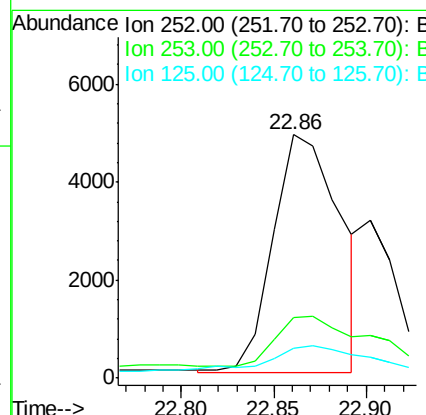
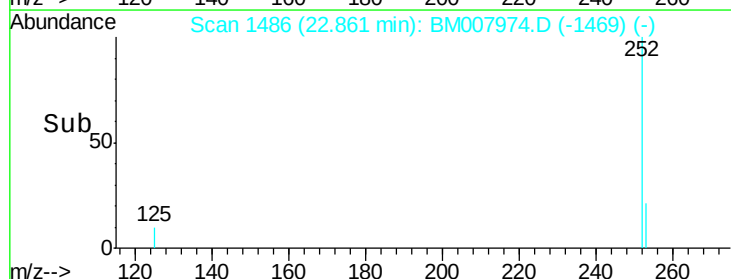
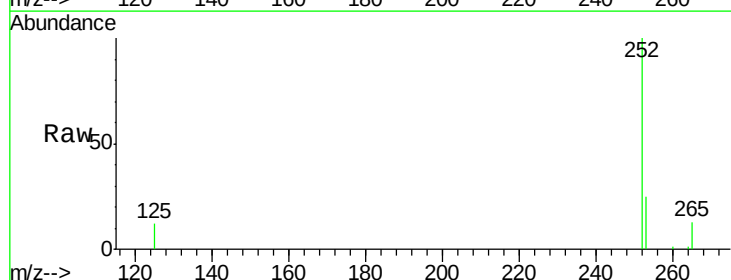
RT: 22.86 min Scan# 1486

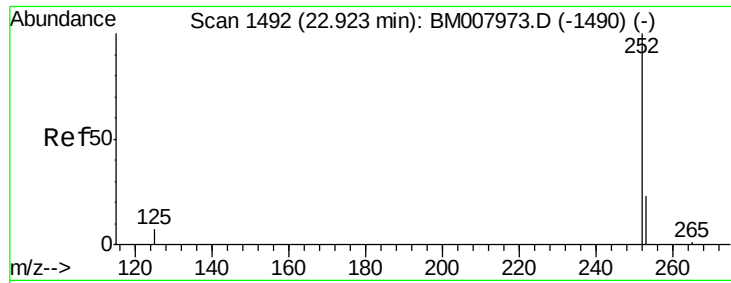
Delta R.T. -0.02 min

Lab File: BM007974.D

Acq: 22 Nov 2016 00:39

Tgt Ion:	252	Resp:	12317
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	64.2
125	12.3	0.0	35.0





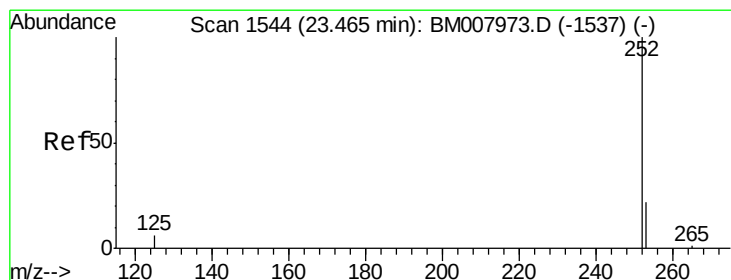
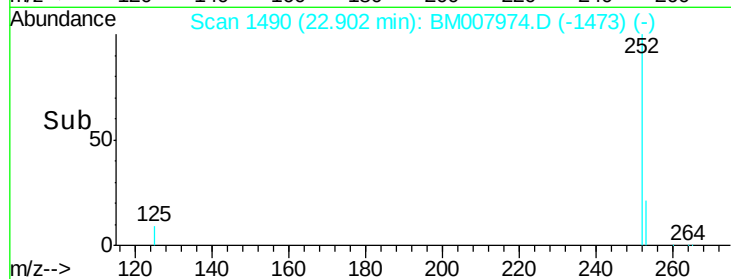
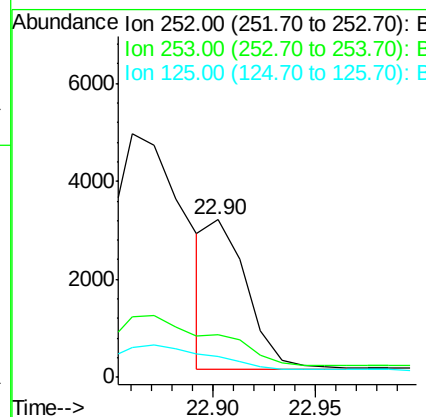
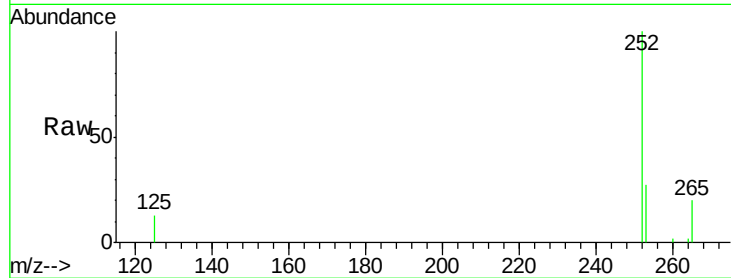
#22
Benzo(k)fluoranthene
Concen: 0.46 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BM007974.D
Acq: 22 Nov 2016 00:39

Instrument :
BNA_M
ClientSampleId :
JHST4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	13.4	13.7	20.5#

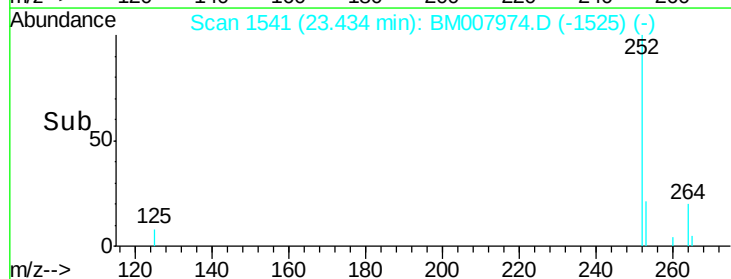
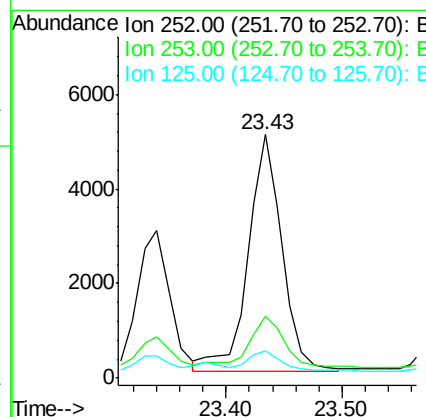
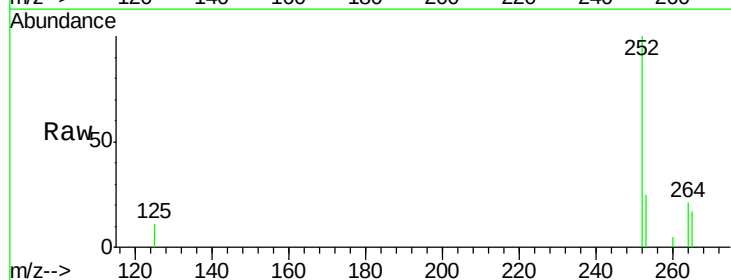
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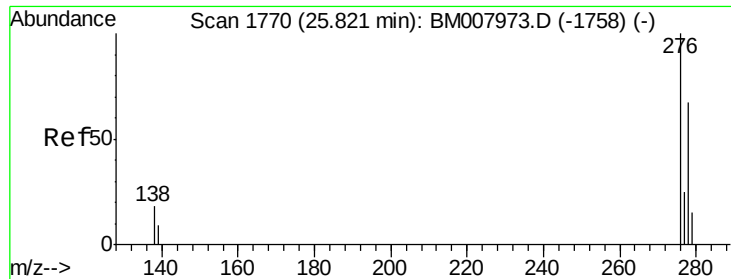
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#23
Benzo(a)pyrene
Concen: 1.27 ng/ul m
RT: 23.43 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM007974.D
Acq: 22 Nov 2016 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	28.5	42.7#
125	11.0	18.1	27.1#





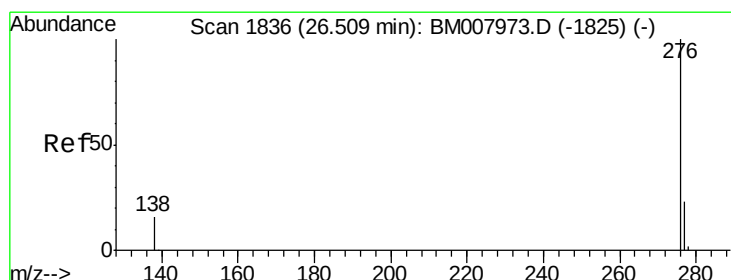
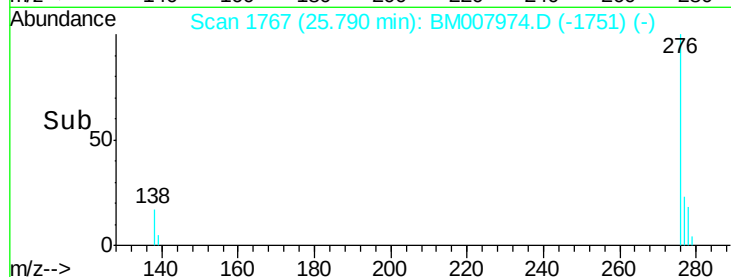
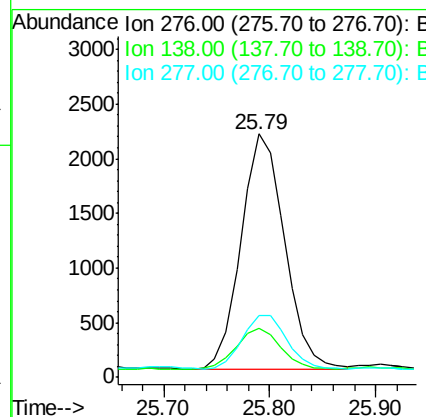
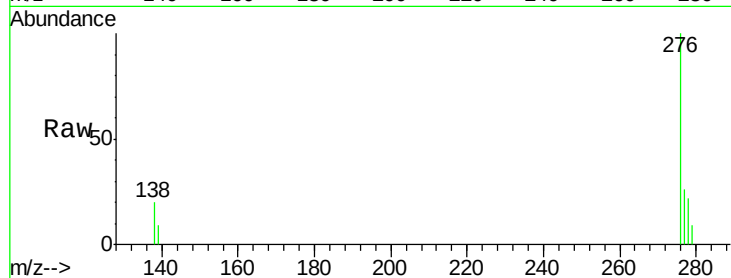
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.62 ng/ul m
 RT: 25.79 min Scan# 1767
 Delta R.T. -0.03 min
 Lab File: BM007974.D
 Acq: 22 Nov 2016 00:39

Instrument :
 BNA_M
 ClientSampleId :
 JHST4

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.8	19.1	28.7#
277	16.3	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.54 ng/ul m
 RT: 26.49 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM007974.D
 Acq: 22 Nov 2016 00:39

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	27.1	21.8	32.8
138	20.0	20.5	30.7#

