

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007983.D
 Acq On : 22 Nov 2016 05:59
 Operator : UM/SJ
 Sample : H5694-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS1

Manual Integrations
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Quant Time: Nov 22 10:40:26 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	565	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1872	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1203	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	2656m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2760	0.40	ng/ul	-0.01
20) Perylene-d12	23.54	264	2371m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	601	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	1489	0.20	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.55	128	601	0.11	ng/ul#	78
5) 2-Methylnaphthalene	12.18	142	387	0.11	ng/ul	97
15) Fluoranthene	19.16	202	1896	0.18	ng/ul	95
17) Pyrene	19.52	202	2471	0.26	ng/ul	95
18) Benzo(a)anthracene	21.29	228	1196	0.14	ng/ul#	87
19) Chrysene	21.34	228	1569	0.15	ng/ul#	92
21) Benzo(b)fluoranthene	22.87	252	2135m	0.23	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	766m	0.08	ng/ul	
23) Benzo(a)pyrene	23.43	252	1467m	0.17	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.80	276	1178m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.50	276	1121m	0.12	ng/ul	

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

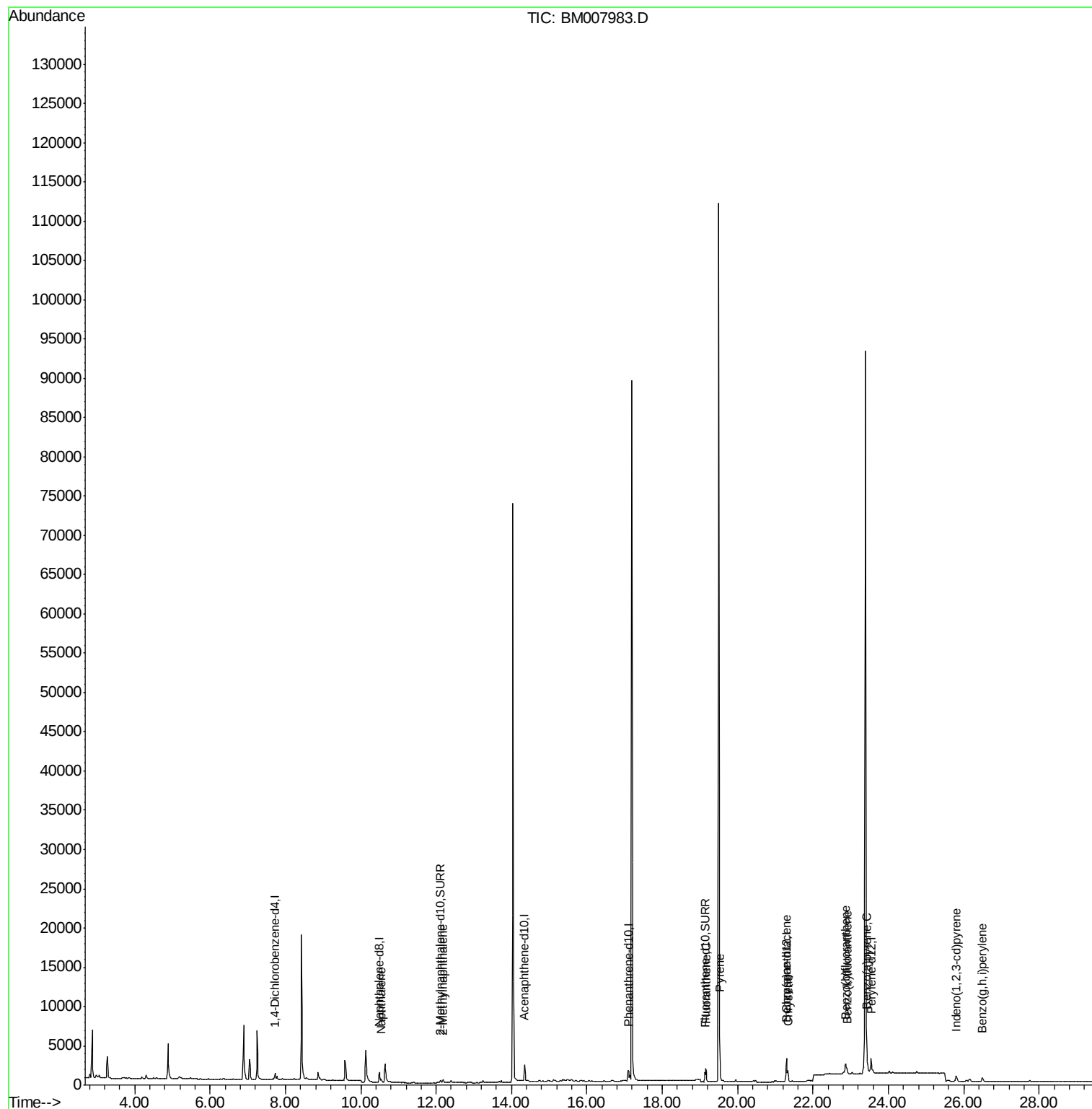
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
Data File : BM007983.D
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Operator : UM/SJ
Sample : H5694-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

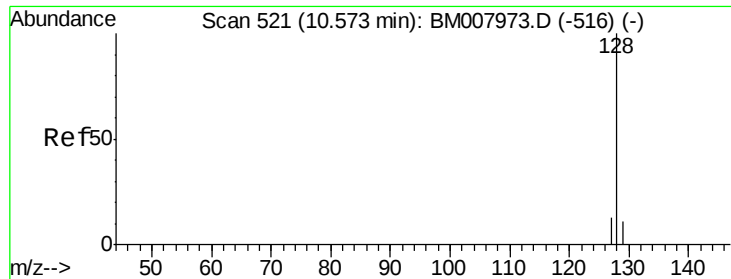
Instrument :
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ClientSampleId :
JHSS1

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

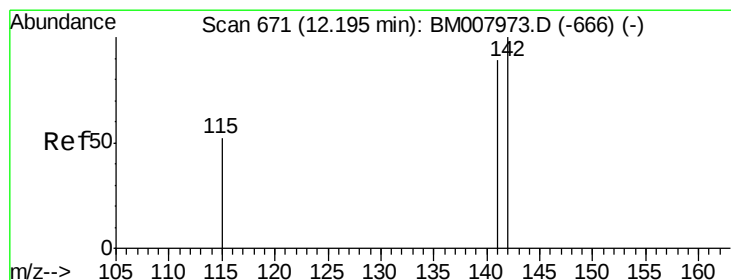
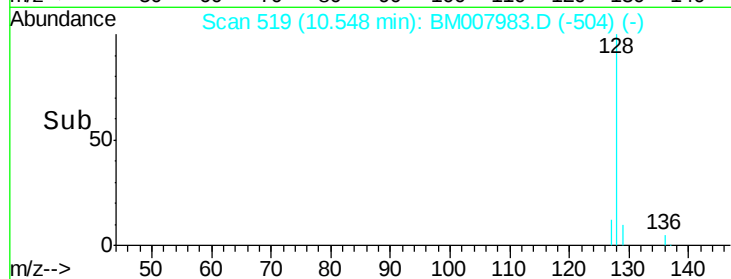
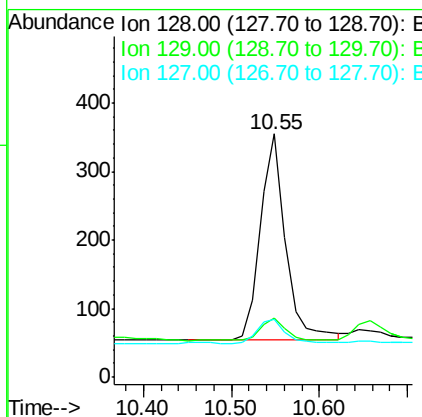
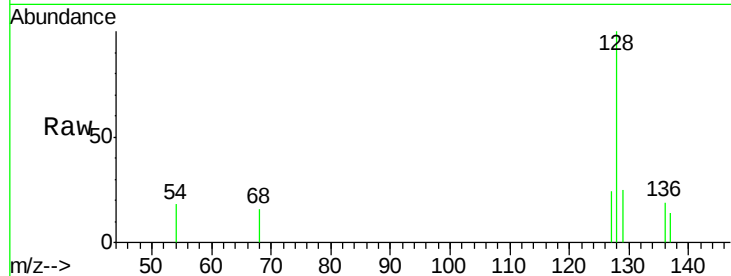
ClientSampleId :

JHSS1

Tgt Ion:	128	Resp:	601
Ion Ratio	Lower	Upper	
128	100		
129	24.5	11.3	16.9#
127	23.9	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

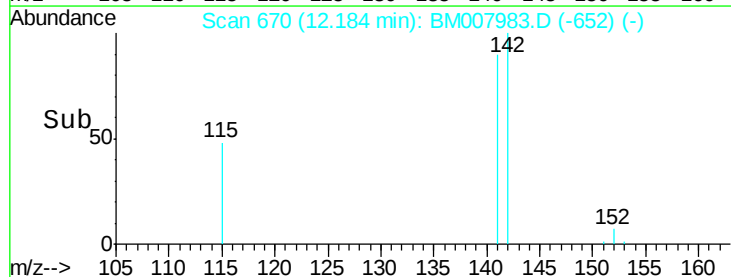
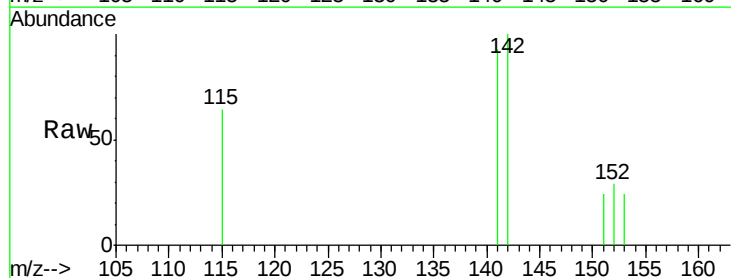
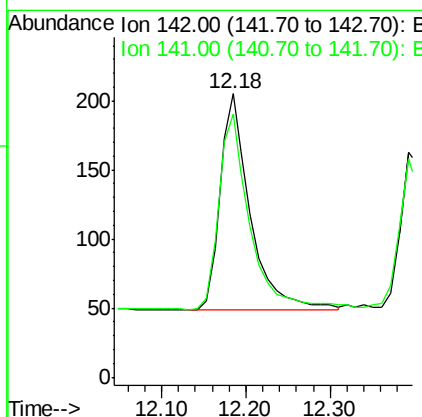
RT: 12.18 min Scan# 670

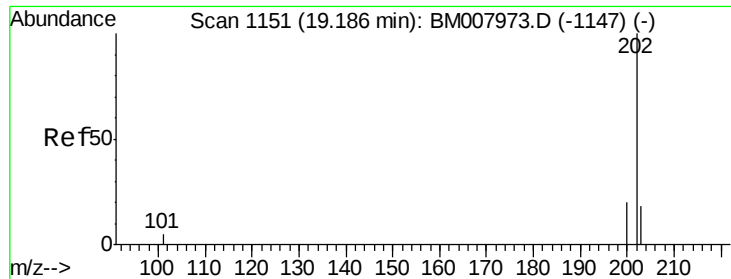
Delta R.T. -0.01 min

Lab File: BM007983.D

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Tgt Ion:	142	Resp:	387
Ion Ratio	Lower	Upper	
142	100		
141	93.3	72.6	108.8





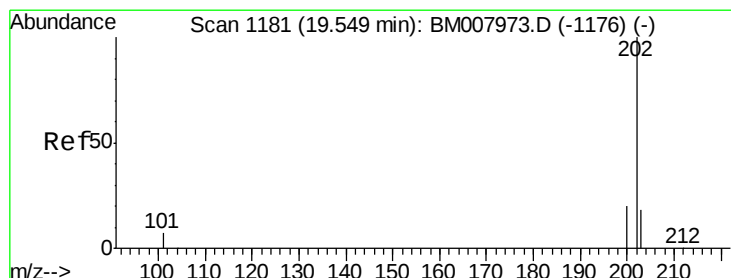
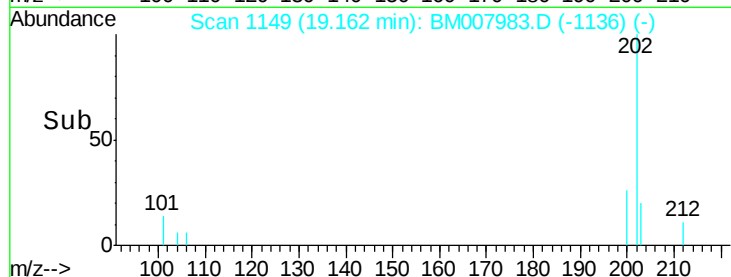
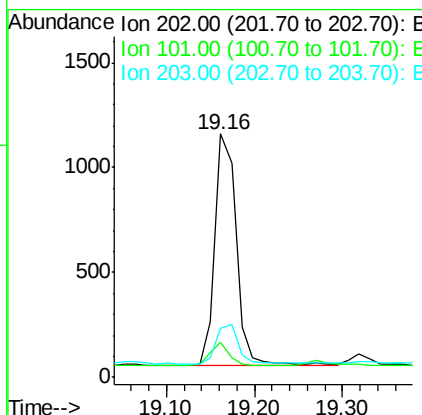
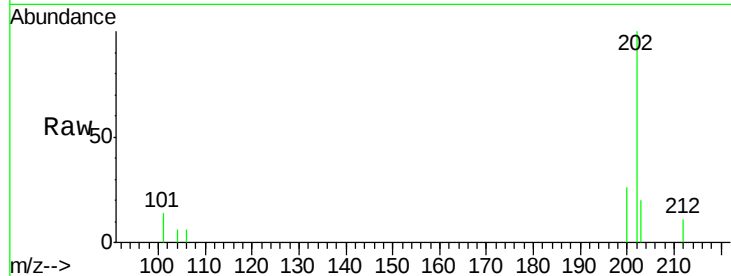
#15
Fluoranthene
Concen: 0.18 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

Instrument :
BNA_M
ClientSampleId :
JHSS1

Tgt Ion:	202	Resp:	1896
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	30.3
203	20.2	0.0	39.5

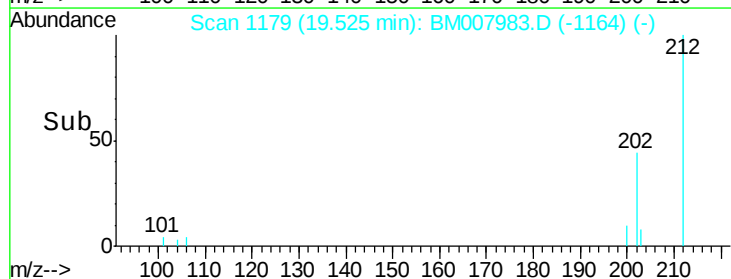
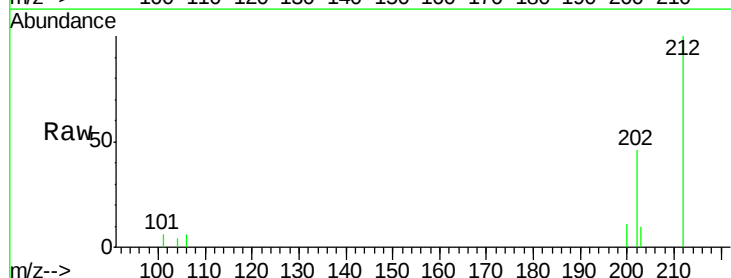
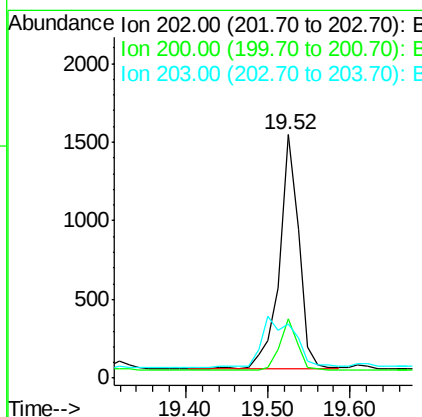
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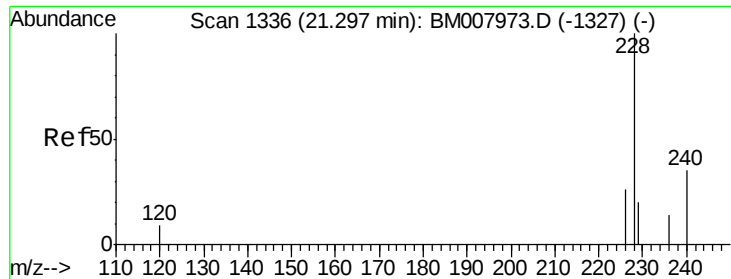
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#17
Pyrene
Concen: 0.26 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

Tgt Ion:	202	Resp:	2471
Ion Ratio	Lower	Upper	
202	100		
200	24.4	18.2	27.4
203	22.4	15.6	23.4





#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

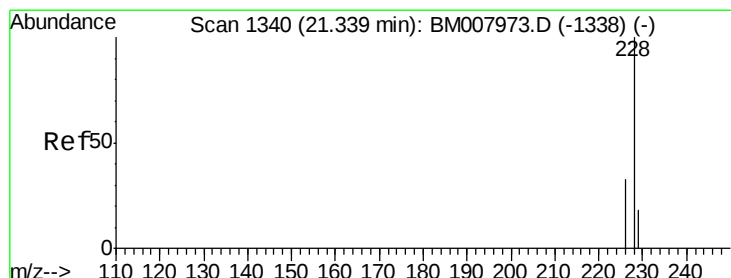
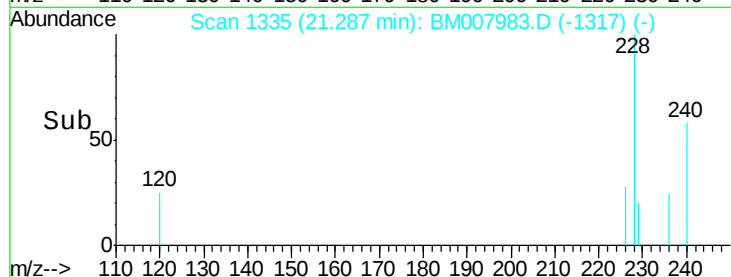
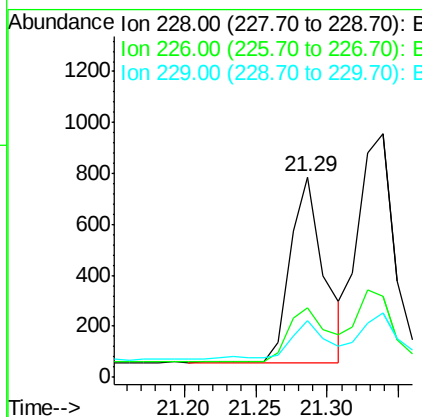
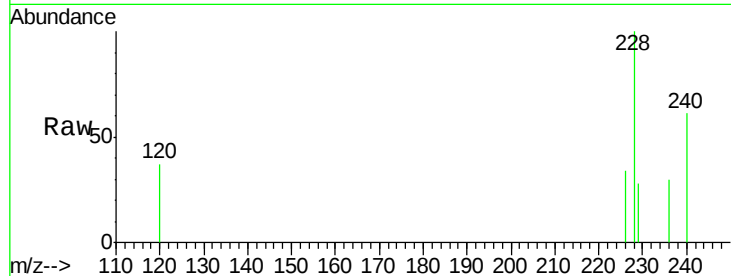
ClientSampleId :

JHSS1

Tgt Ion:	228	Resp:	1196
Ion Ratio		Lower	Upper
228	100		
226	34.4	22.8	34.2#
229	28.5	17.0	25.6#

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#19

Chrysene

Concen: 0.15 ng/ul

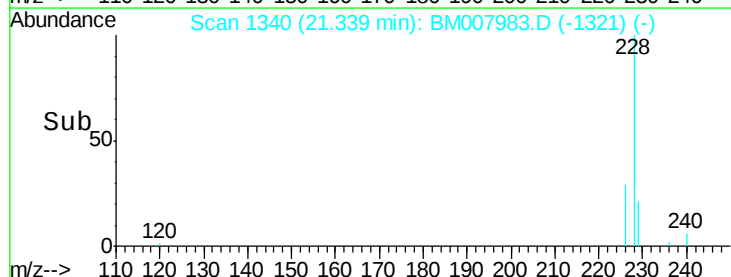
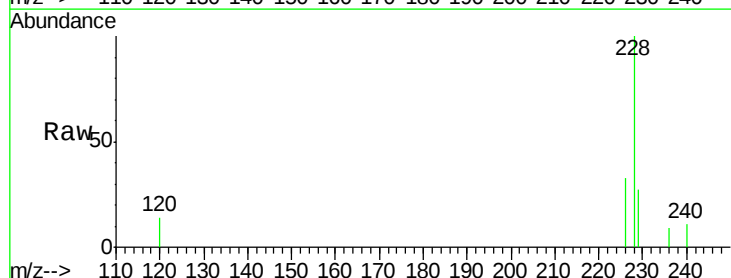
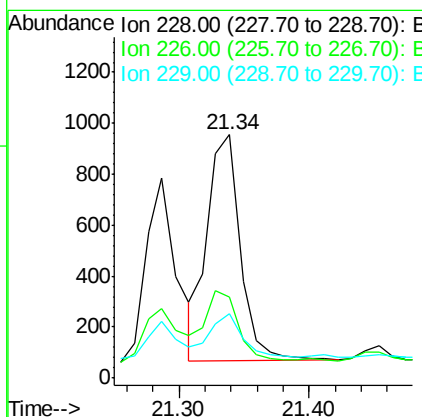
RT: 21.34 min Scan# 1340

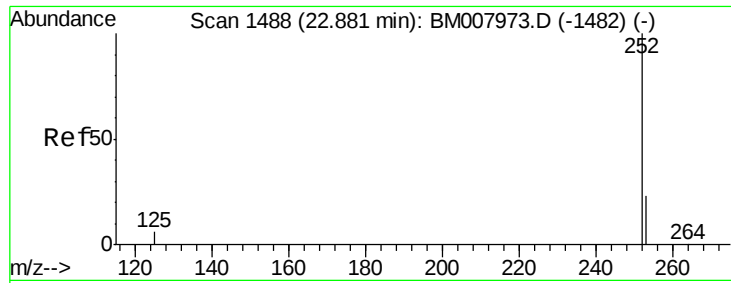
Delta R.T. 0.00 min

Lab File: BM007983.D

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Tgt Ion:	228	Resp:	1569
Ion Ratio		Lower	Upper
228	100		
226	33.2	23.4	35.0
229	26.7	17.7	26.5#





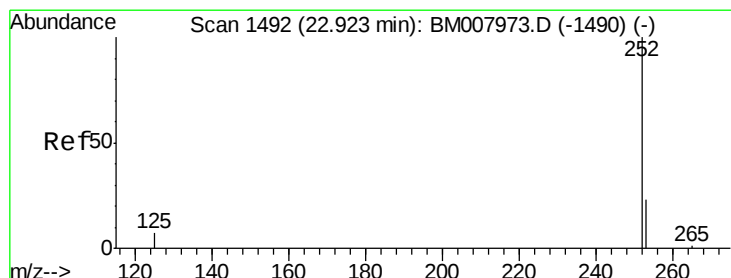
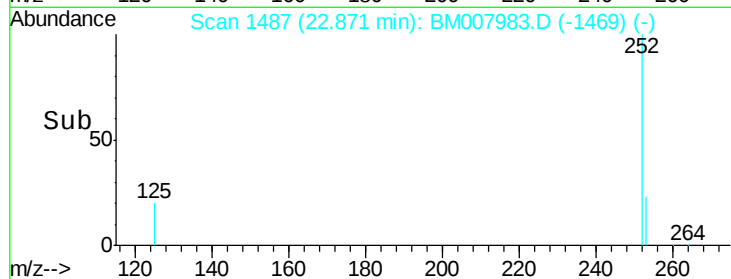
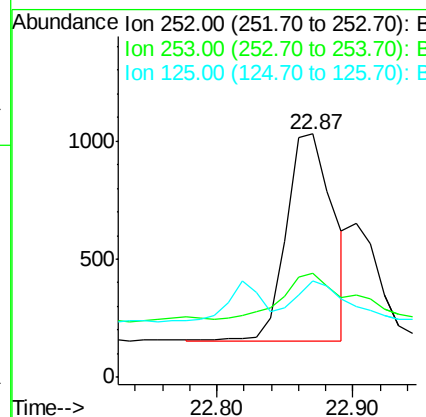
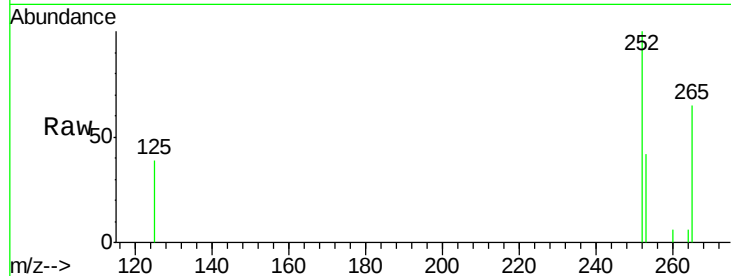
#21
Benzo(b)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

Instrument :
BNA_M
ClientSampleId :
JHSS1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	42.5	0.0	64.2
125	39.4	0.0	35.0

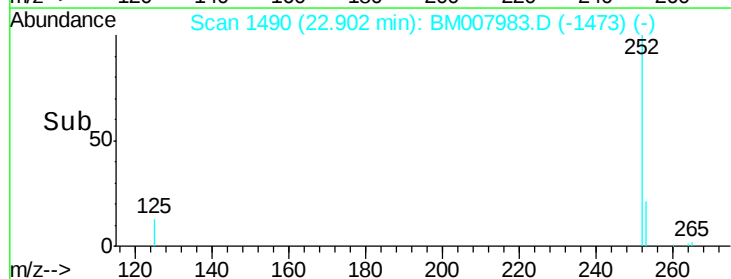
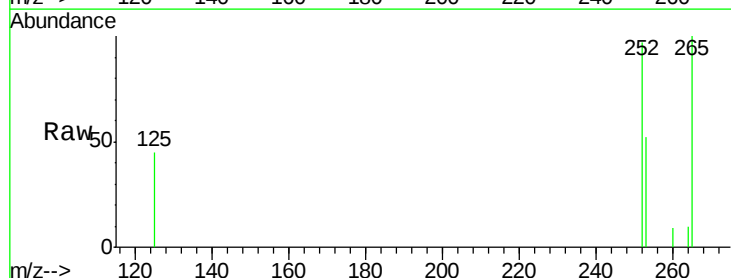
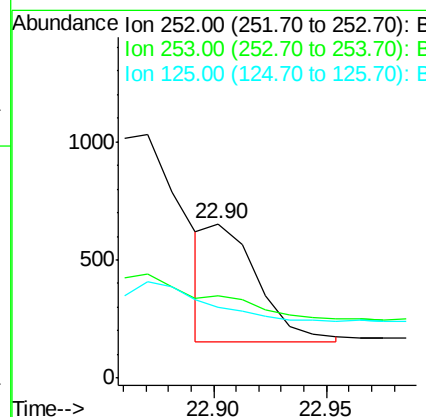
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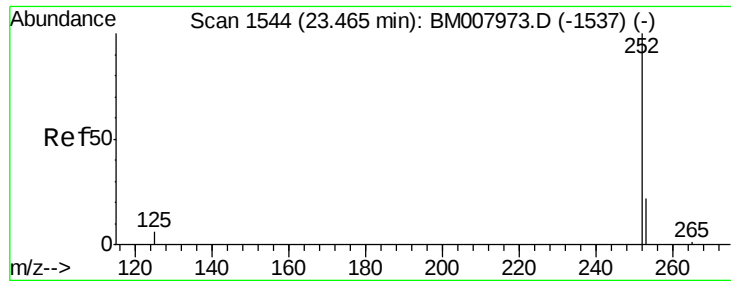
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#22
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

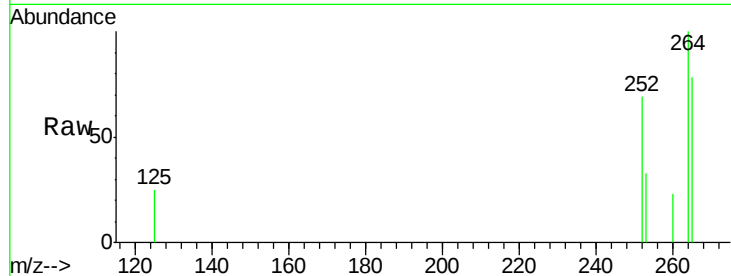
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	53.3	24.5	36.7
125	46.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.17 ng/ul m
RT: 23.43 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

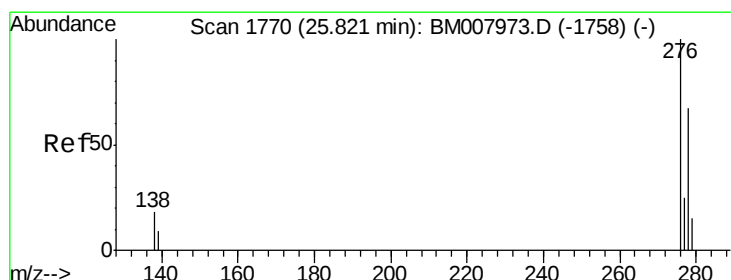
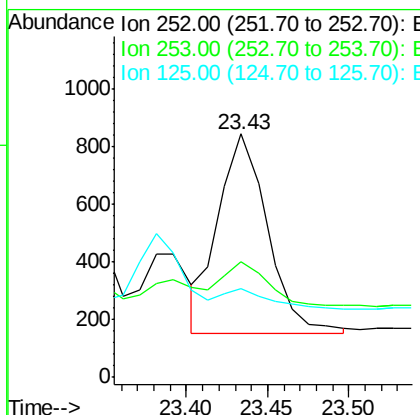
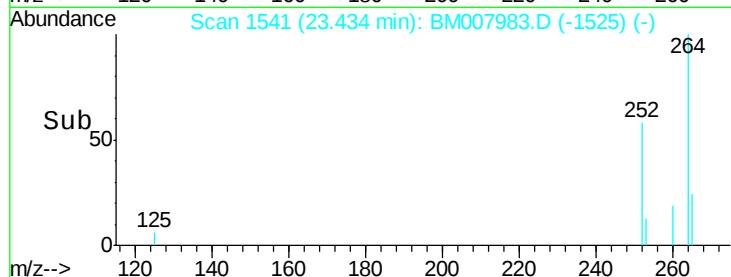
Instrument :
BNA_M
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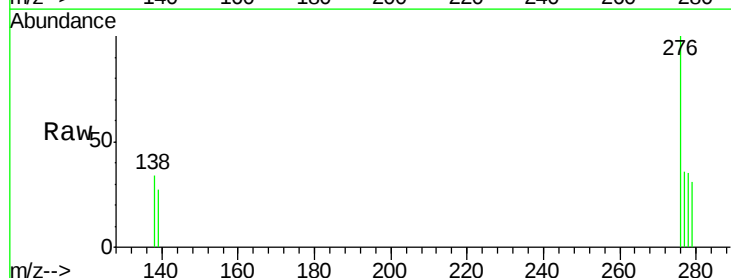
Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.3	28.5	42.7#
125	36.3	18.1	27.1#

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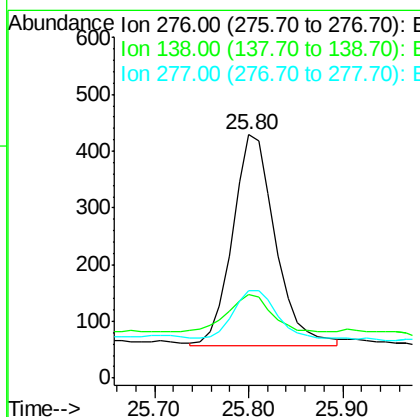
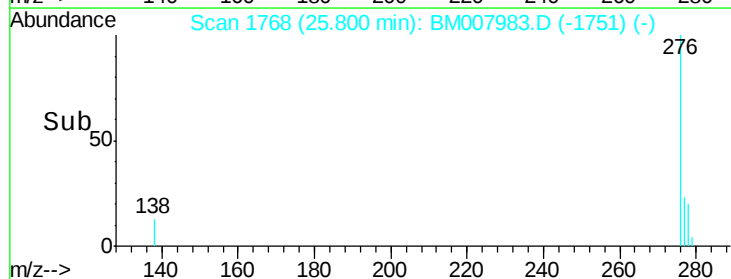
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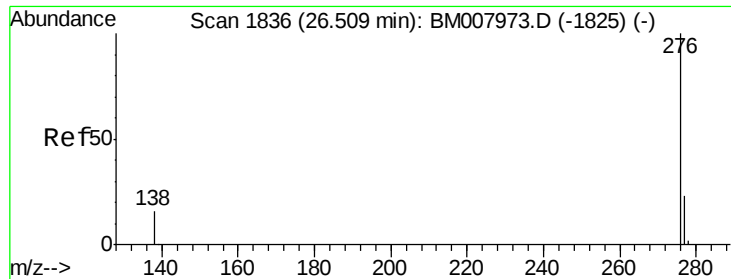


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul m
RT: 25.80 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59



Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	94.5	19.6	29.4#





#26

Benzo(g,h,i)perylene

Concen: 0.12 ng/ul m

RT: 26.50 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM007983.D

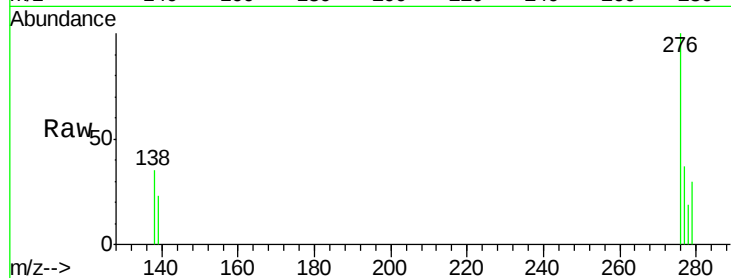
Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1



Tgt Ion: 276 Resp: 1121

Ion Ratio Lower Upper

276 100

277 37.2 21.8 32.8#

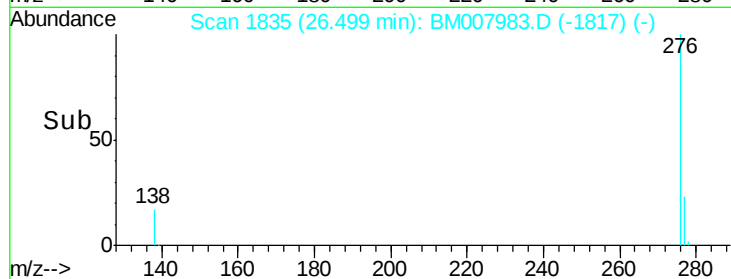
138 35.3 20.5 30.7#

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

26.50

400

300

200

100

0

Time-->