

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061416\
 Data File : BM005782.D
 Acq On : 14 Jun 2016 12:49
 Operator : UM/SJ
 Sample : H3507-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK1DL

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Quant Time: Jun 14 16:05:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM061316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 19:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	6099	0.40	ng/ul	-0.02
4) Naphthalene-d8	10.54	136	26637	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	18782	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	35754	0.40	ng/ul	-0.02
18) Chrysene-d12	21.33	240	22962	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	26746	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	4524	1.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.14	152	1310	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	3033	0.04	ng/ul	0.00
Target Compounds						
9) Acenaphthylene	14.11	152	3113	0.04	ng/ul#	93
11) Fluorene	15.44	166	3324	0.06	ng/ul#	93
14) Phenanthrene	17.18	178	34399	0.40	ng/ul	98
15) Anthracene	17.26	178	8439m	0.08	ng/ul	
17) Fluoranthene	19.20	202	49189	0.46	ng/ul	94
19) Pyrene	19.56	202	46732	0.59	ng/ul#	92
20) Benzo(a)anthracene	21.31	228	15754	0.29	ng/ul#	85
21) Chrysene	21.36	228	15895	0.19	ng/ul	92
23) Benzo(b)fluoranthene	22.90	252	16893m	0.23	ng/ul	
24) Benzo(k)fluoranthene	22.92	252	8456m	0.09	ng/ul	
25) Benzo(a)pyrene	23.48	252	11803	0.14	ng/ul#	83
26) Indeno(1,2,3-cd)pyrene	25.86	276	7111	0.07	ng/ul	94
28) Benzo(g,h,i)perylene	26.56	276	6527	0.08	ng/ul#	83

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

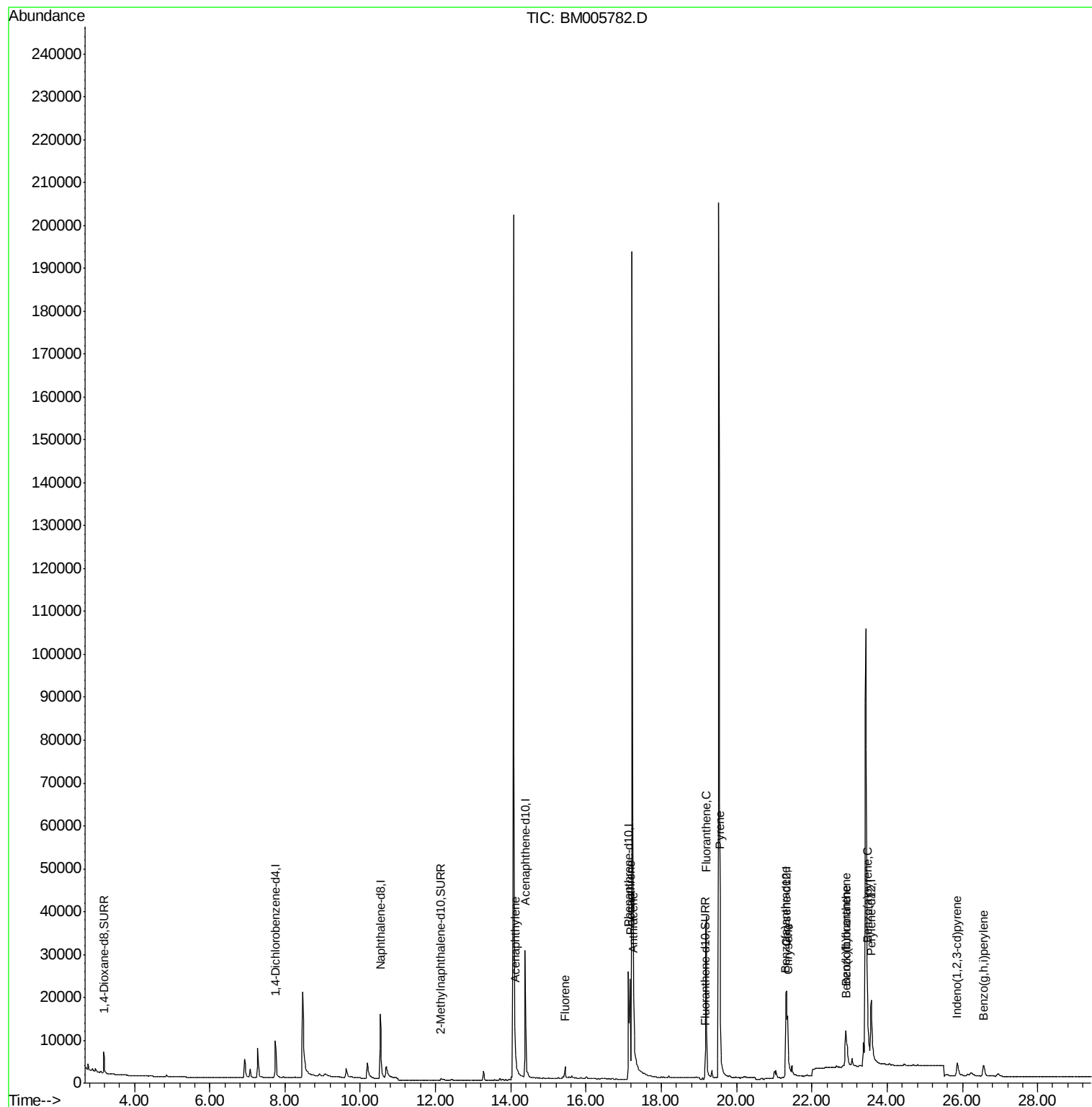
Data Path : Z:\HPCHEM1\BNA_M\Data\BM061416\
Data File : BM005782.D
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Sample : H3507-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

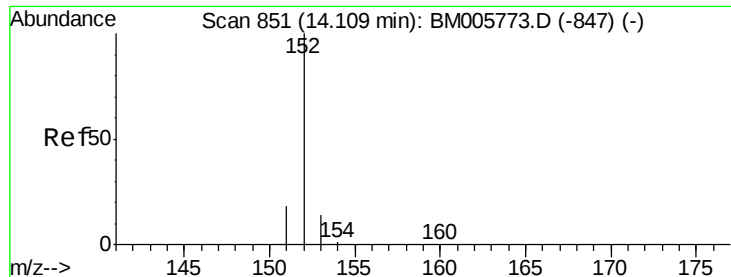
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM061316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 19:45:38 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.11 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM005782.D

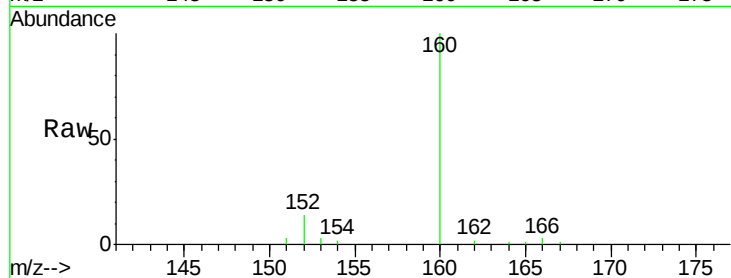
Acq: 14 Jun 2016 12:49

Instrument :

BNA_M

ClientSampleId :

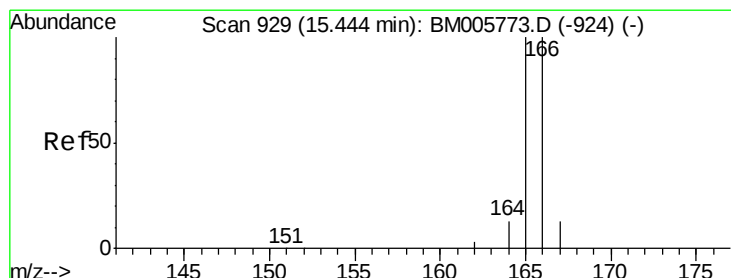
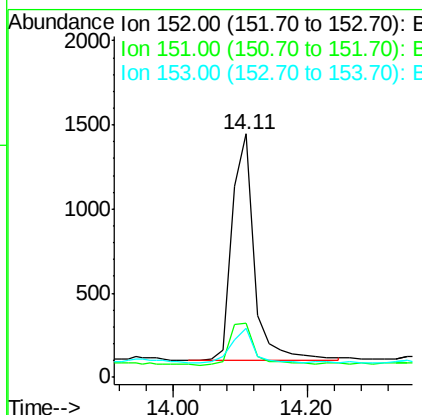
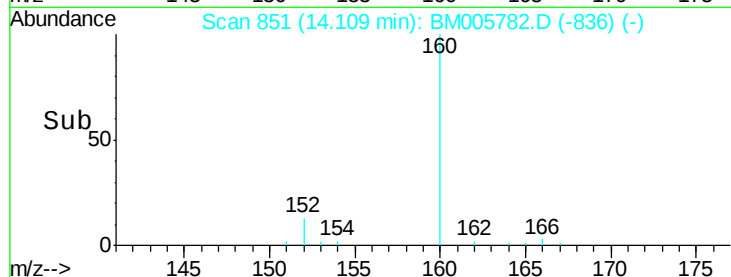
JHGK1DL



Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.6	26.4
153	20.0	9.7	14.5#

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#11

Fluorene

Concen: 0.06 ng/ul

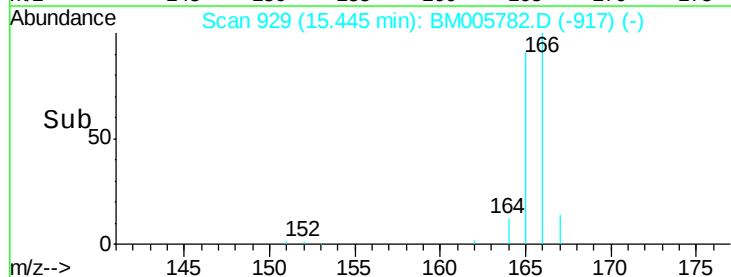
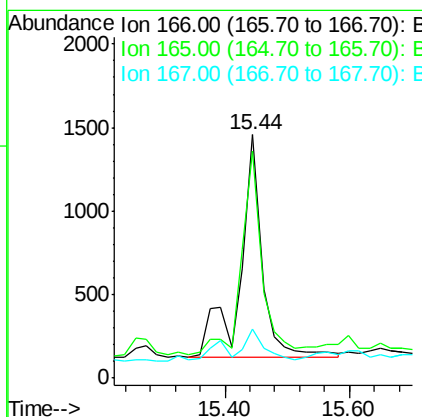
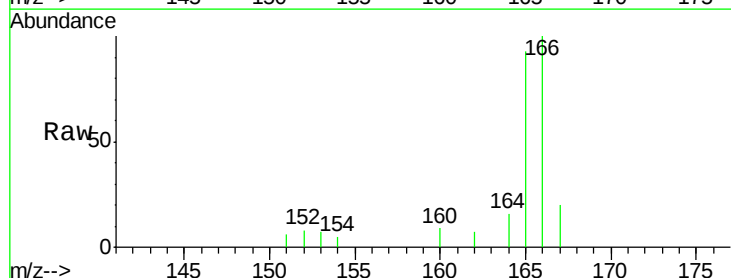
RT: 15.44 min Scan# 929

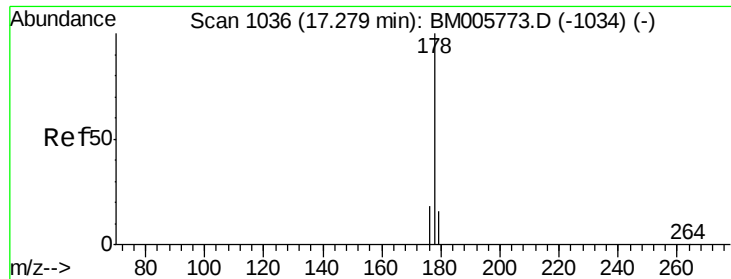
Delta R.T. 0.00 min

Lab File: BM005782.D

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	69.6	104.4
167	20.4	11.9	17.9#





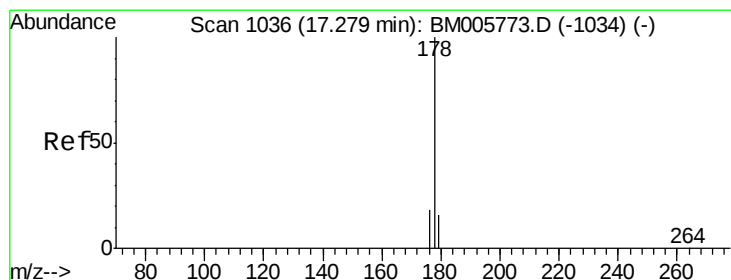
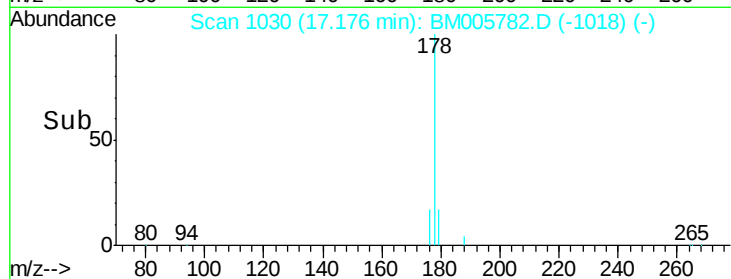
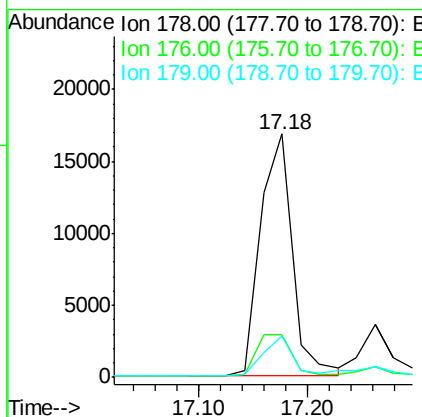
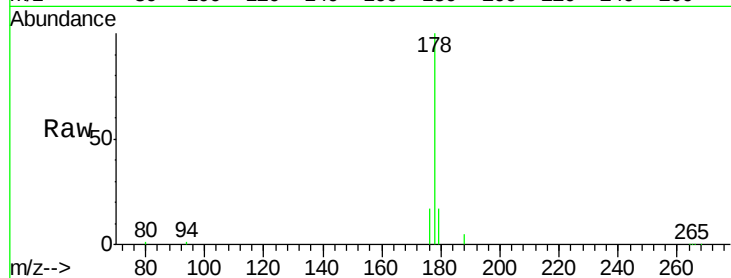
#14
Phenanthrene
Concen: 0.40 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BM005782.D
Acq: 14 Jun 2016 12:49

Instrument :
BNA_M
ClientSampleId :
JHGK1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	13.0	19.4
179	17.2	14.2	21.2

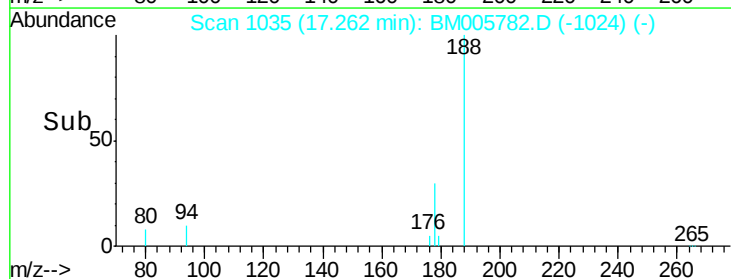
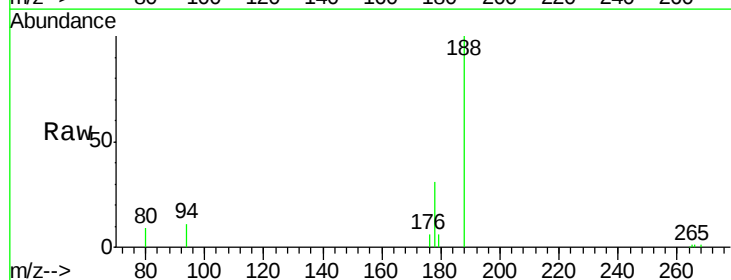
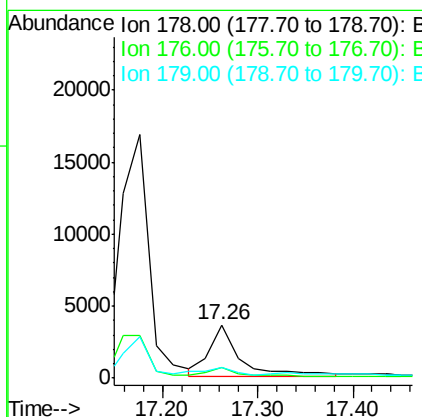
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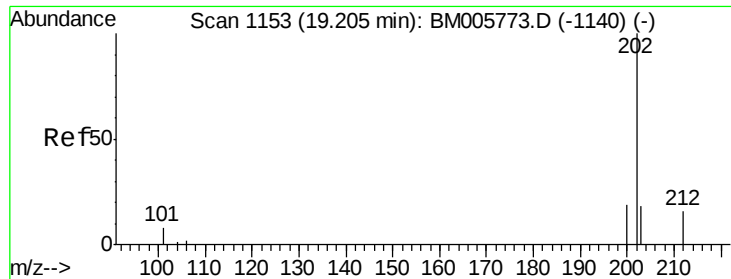
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#15
Anthracene
Concen: 0.08 ng/ul m
RT: 17.26 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BM005782.D
Acq: 14 Jun 2016 12:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	14.0	21.0
179	19.8	12.9	19.3#





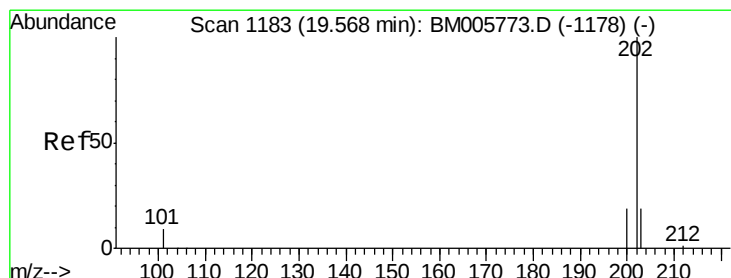
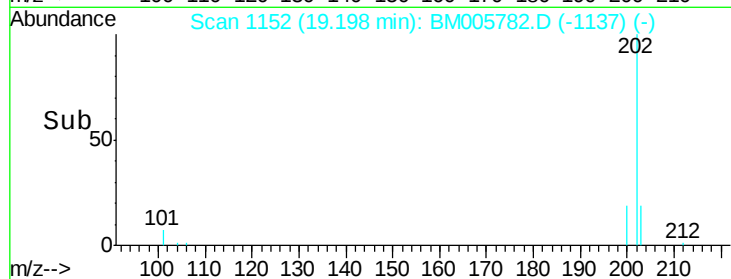
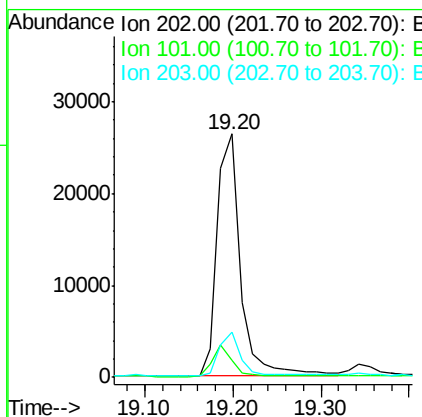
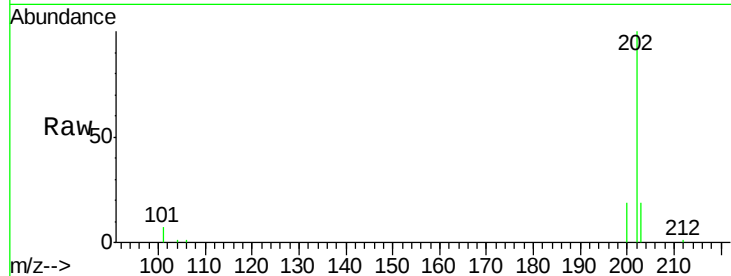
#17
Fluoranthene
 Concen: 0.46 ng/ul
 RT: 19.20 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BM005782.D
 Acq: 14 Jun 2016 12:49

Instrument :
 BNA_M
 ClientSampleId :
 JHGK1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.0	0.0	29.6
203	18.8	0.0	36.3

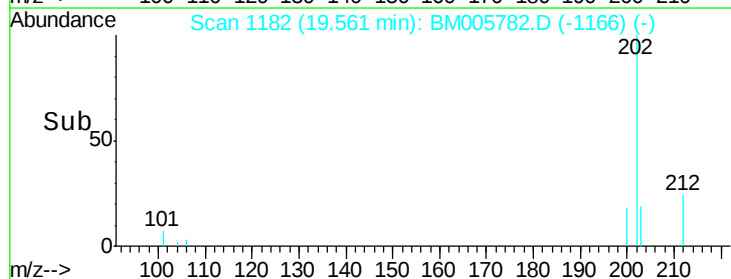
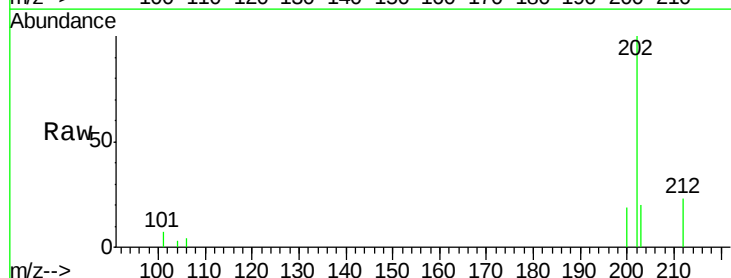
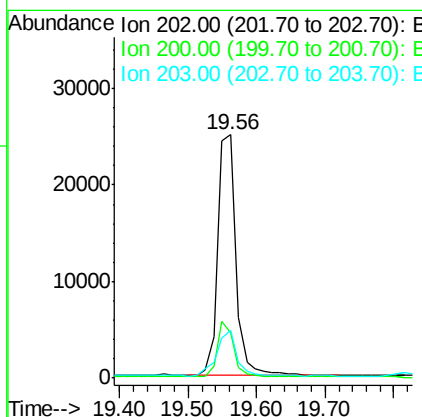
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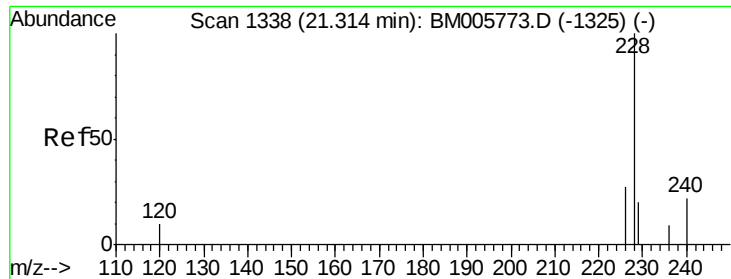
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#19
Pyrene
 Concen: 0.59 ng/ul
 RT: 19.56 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM005782.D
 Acq: 14 Jun 2016 12:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	18.6	17.8	26.8
203	19.5	12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.29 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM005782.D

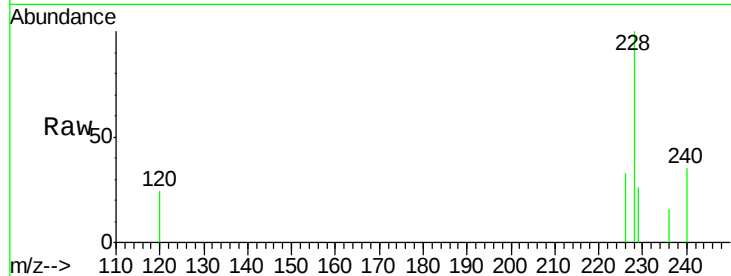
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Instrument :

BNA_M

ClientSampleId :

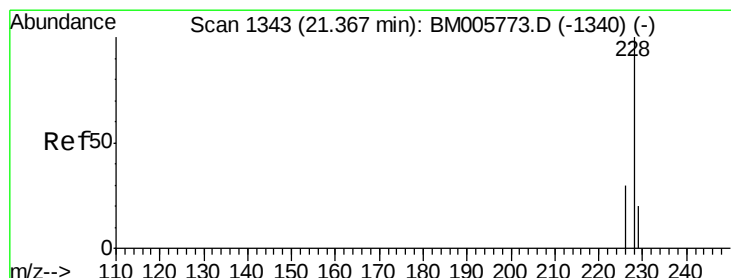
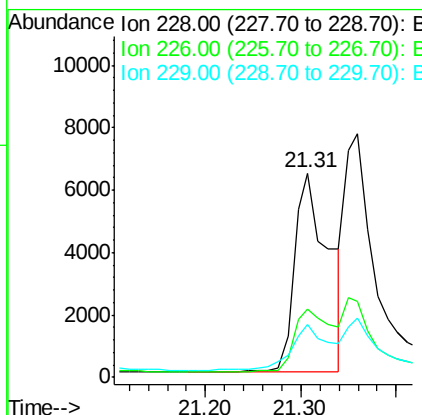
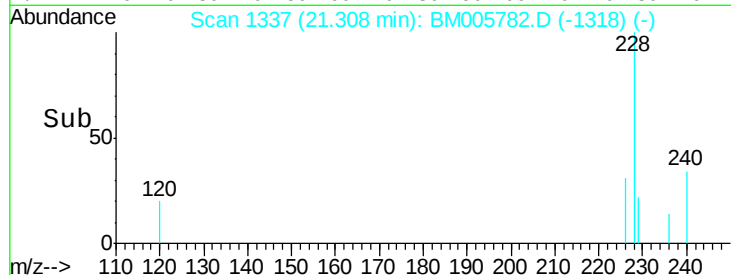
JHGK1DL



Tgt Ion:	228	Resp:	15754
Ion Ratio	Lower	Upper	
228	100		
226	33.4	18.8	28.2#
229	25.8	17.1	25.7#

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#21

Chrysene

Concen: 0.19 ng/ul

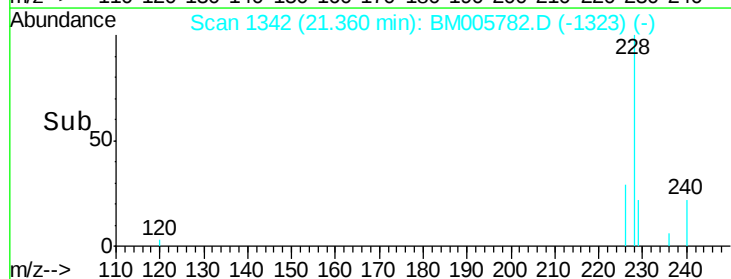
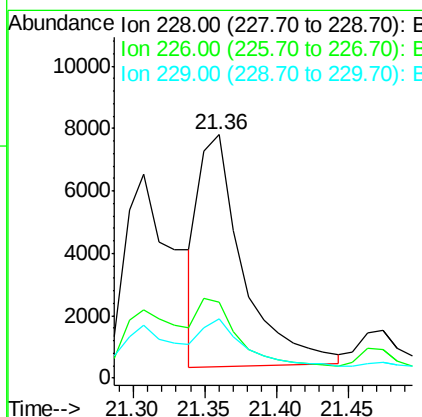
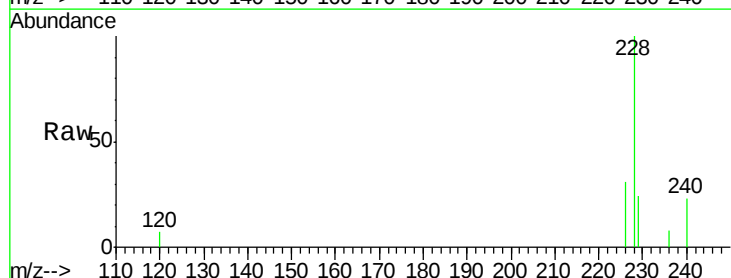
RT: 21.36 min Scan# 1342

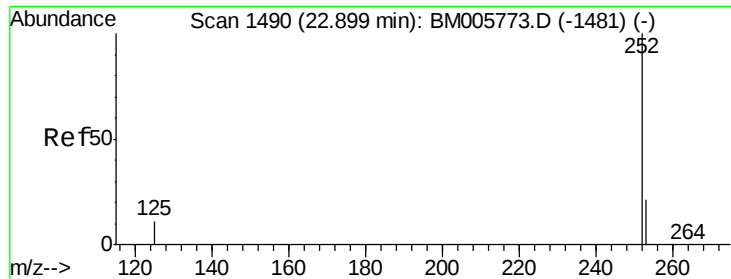
Delta R.T. -0.01 min

Lab File: BM005782.D

Acq: 14 Jun 2016 12:49

Tgt Ion:	228	Resp:	15895
Ion Ratio	Lower	Upper	
228	100		
226	31.1	21.2	31.8
229	24.1	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.23 ng/ul m

RT: 22.90 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM005782.D

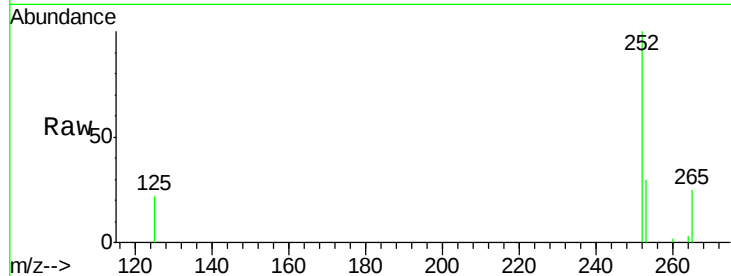
Acq: 14 Jun 2016 12:49

Instrument :

BNA_M

ClientSampleId :

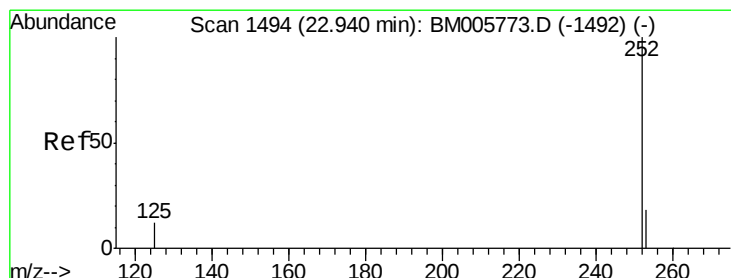
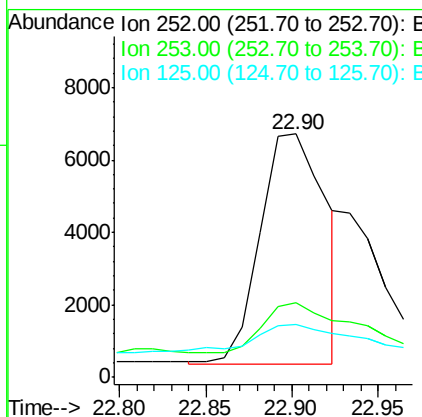
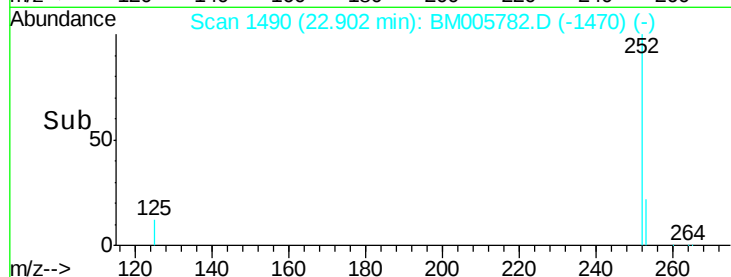
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	16893		
253	30.4	0.0	45.4	
125	21.5	0.0	28.8	

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#24

Benzo(k)fluoranthene

Concen: 0.09 ng/ul m

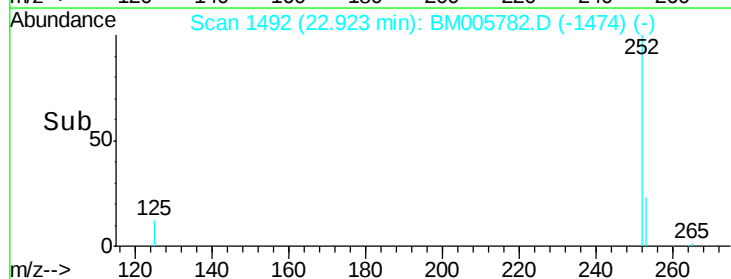
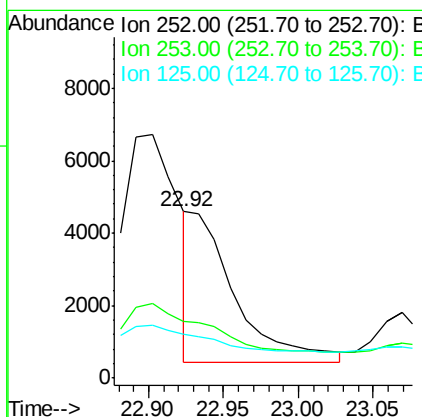
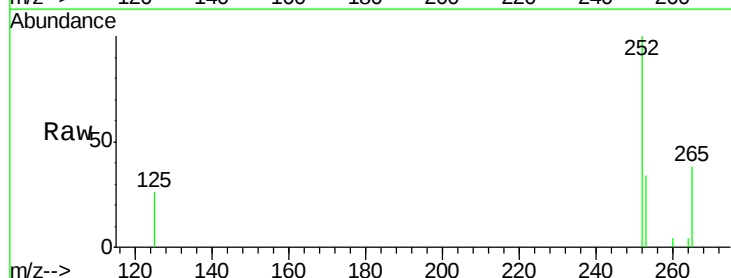
RT: 22.92 min Scan# 1492

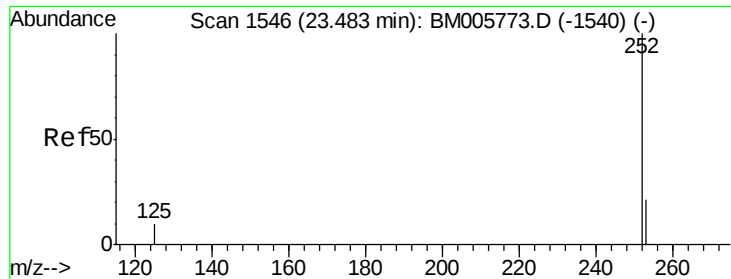
Delta R.T. -0.02 min

Lab File: BM005782.D

Acq: 14 Jun 2016 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	8456		
253	33.9	19.8	29.8#	
125	26.3	10.4	15.6#	





#25

Benzo(a)pyrene

Concen: 0.14 ng/ul

RT: 23.48 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BM005782.D

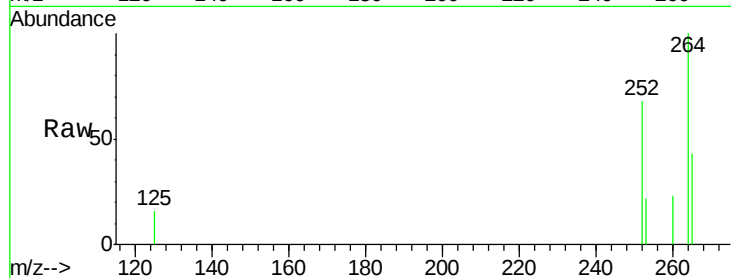
Acq: 14 Jun 2016 12:49

Instrument :

BNA_M

ClientSampleId :

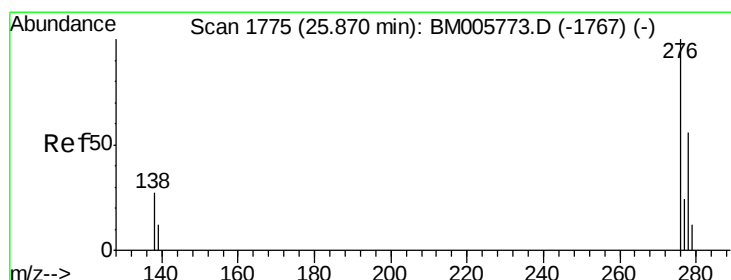
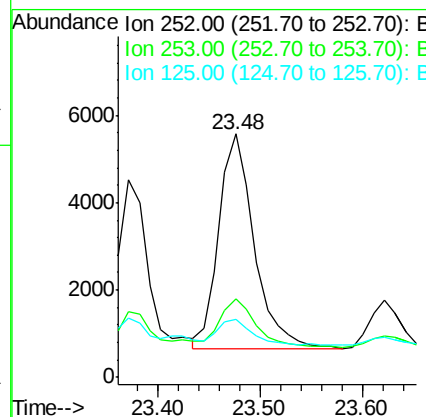
JHGK1DL



Tgt Ion:	252	Resp:	11803
Ion Ratio	Lower	Upper	
252	100		
253	32.5	19.4	29.2#
125	23.7	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

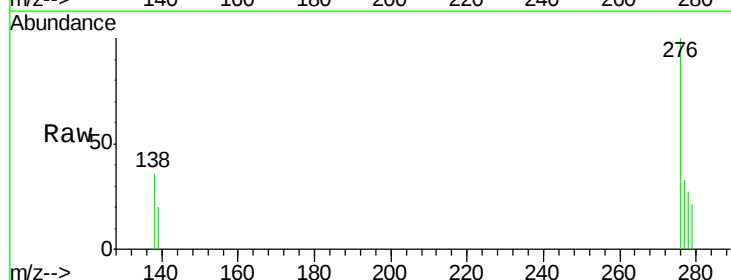
Concen: 0.07 ng/ul

RT: 25.86 min Scan# 1774

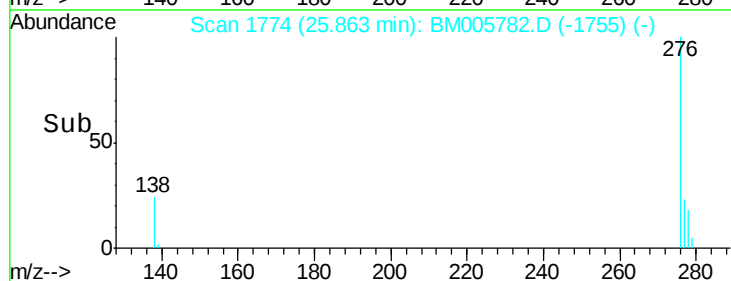
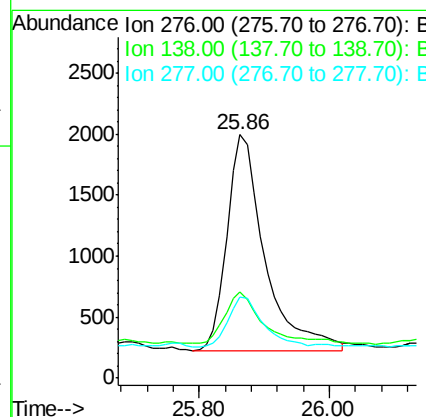
Delta R.T. -0.01 min

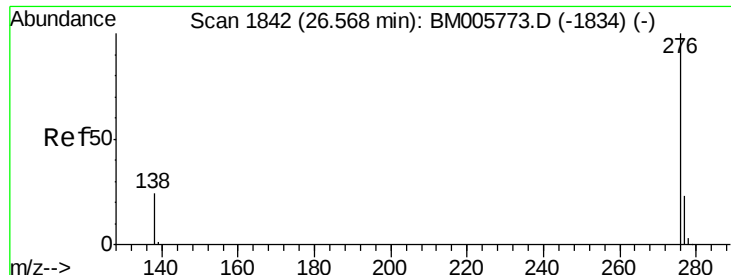
Lab File: BM005782.D

Acq: 14 Jun 2016 12:49



Tgt Ion:	276	Resp:	7111
Ion Ratio	Lower	Upper	
276	100		
138	23.2	16.3	24.5
277	21.6	19.8	29.8





#28

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul

RT: 26.56 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BM005782.D

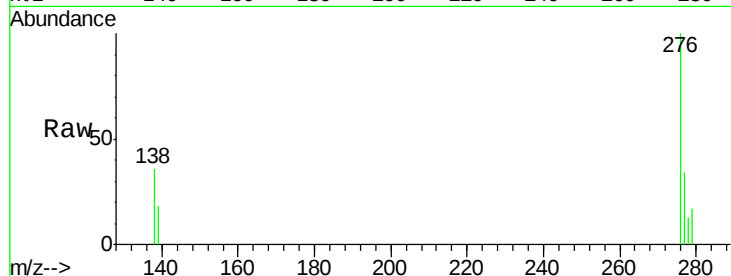
Acq: 14 Jun 2016 12:49

Instrument :

BNA_M

ClientSampleId :

JHGK1DL



Tgt Ion: 276 Resp: 6527

Ion Ratio Lower Upper

276 100

277 33.5 18.9 28.3#

138 36.0 22.5 33.7#

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