

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000497.D
 Acq On : 12 Feb 2015 03:29
 Operator : TP/IZ
 Sample : G1249-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Manual Integrations
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Quant Time: Feb 12 08:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 07:39:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	13359	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17346m	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	12156	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	9061m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	7112	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	14779m	0.38	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.55	128	3094	0.09	ng/ul#	94
5) 2-Methylnaphthalene	12.17	142	611	0.03	ng/ul	96
8) Acenaphthene	14.41	153	581	0.02	ng/ul	98
9) Fluorene	15.42	166	475m	0.02	ng/ul	
12) Phenanthrene	17.15	178	1108m	0.02	ng/ul	
15) Fluoranthene	19.16	202	924	0.02	ng/ul	67
18) Benzo(a)anthracene	21.28	228	1333	0.04	ng/ul#	81
19) Chrysene	21.33	228	1326	0.03	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.77	276	736	0.02	ng/ul	92
26) Benzo(g,h,i)perylene	26.46	276	723	0.03	ng/ul#	55

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

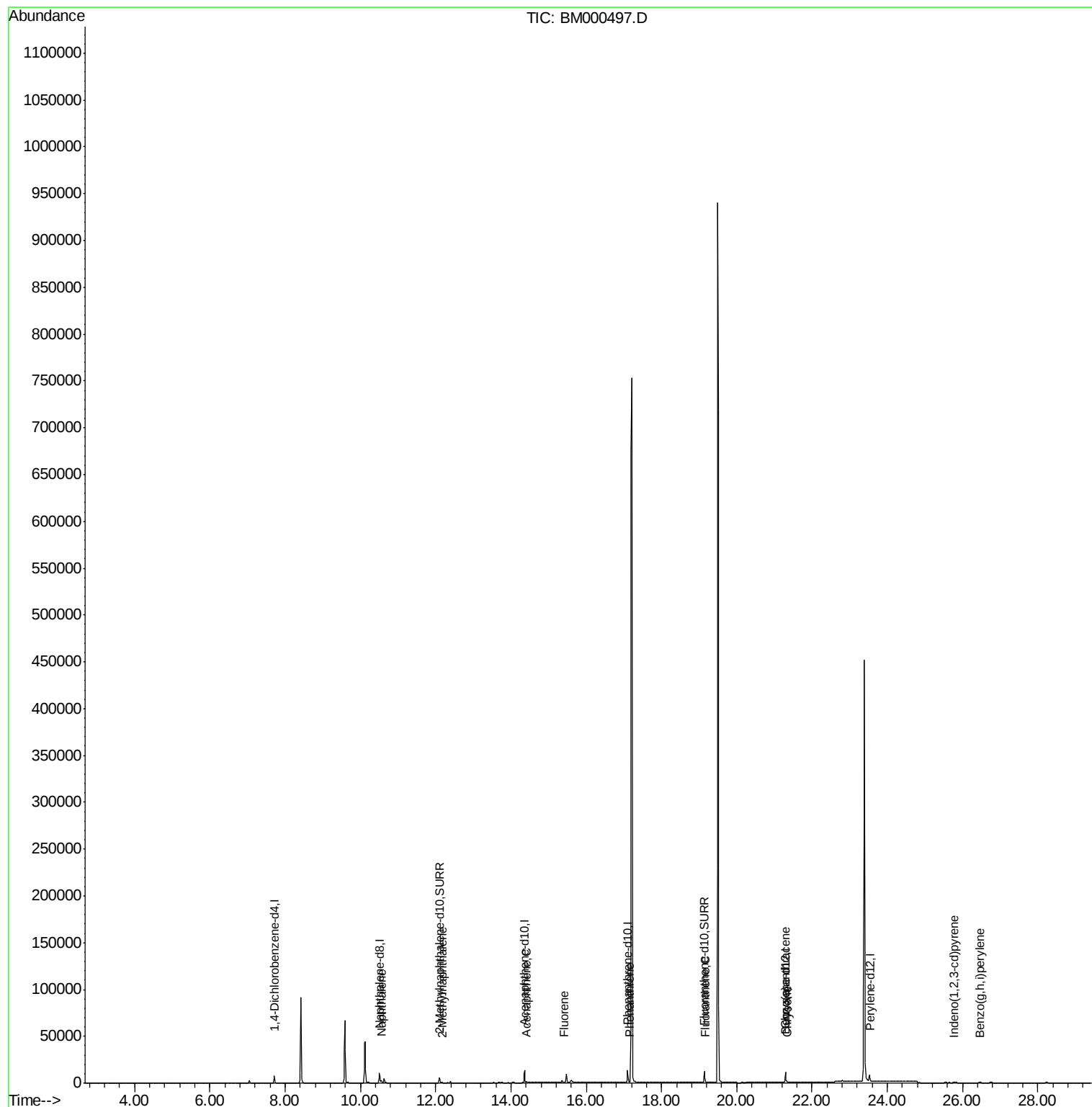
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
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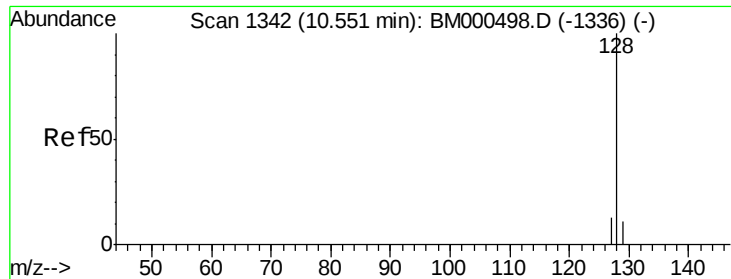
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QLast Update : Thu Feb 12 07:39:05 2015
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#3

Naphthalene

Concen: 0.09 ng/u1

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000497.D

Acq: 12 Feb 2015 03:29

Instrument :

BNA_M

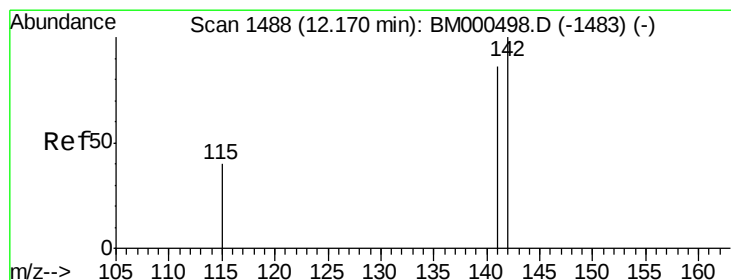
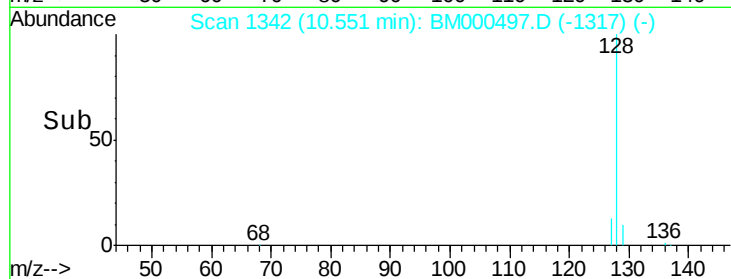
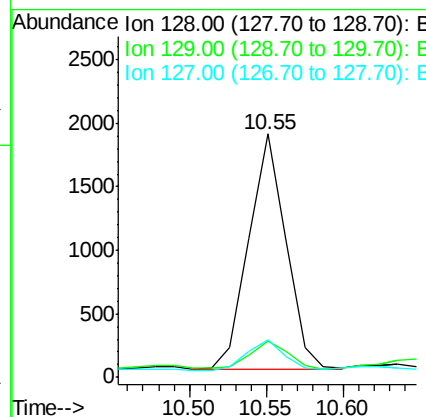
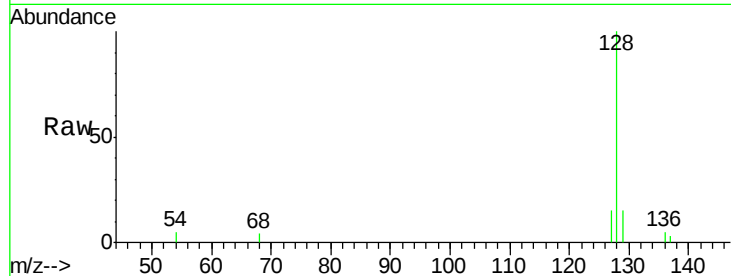
ClientSampled :

A4FN1

Tgt Ion:	128	Resp:	3094
Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.2	13.8#
127	15.4	11.2	16.8

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#5

2-Methylnaphthalene

Concen: 0.03 ng/u1

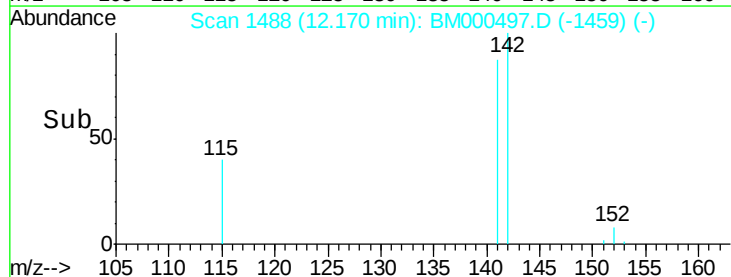
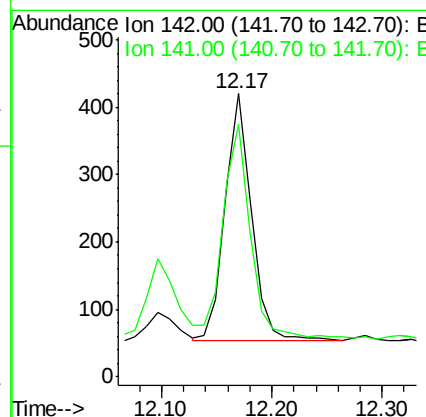
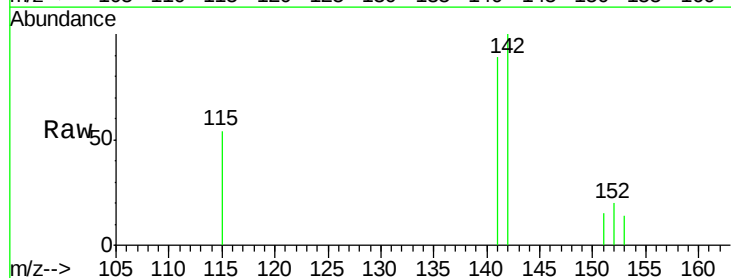
RT: 12.17 min Scan# 1488

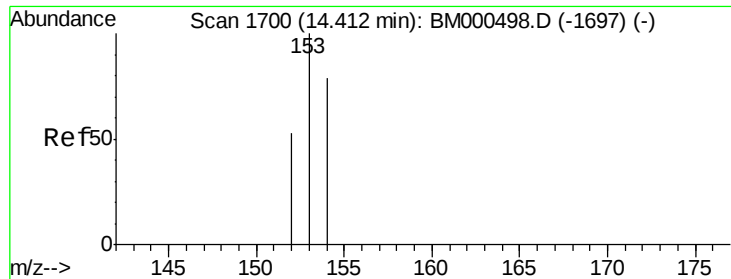
Delta R.T. -0.00 min

Lab File: BM000497.D

Acq: 12 Feb 2015 03:29

Tgt Ion:	142	Resp:	611
Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.3	105.5





#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000497.D

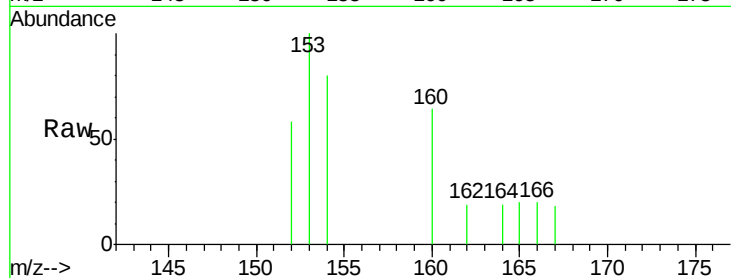
Acq: 12 Feb 2015 03:29

Instrument :

BNA_M

ClientSampled :

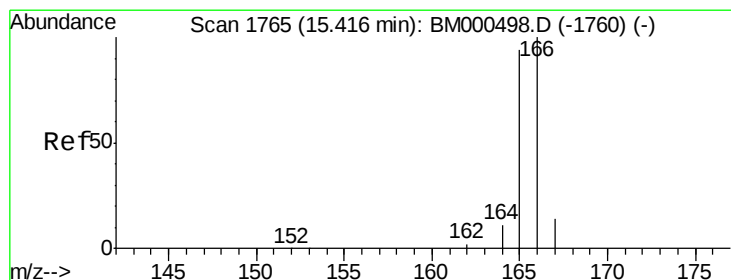
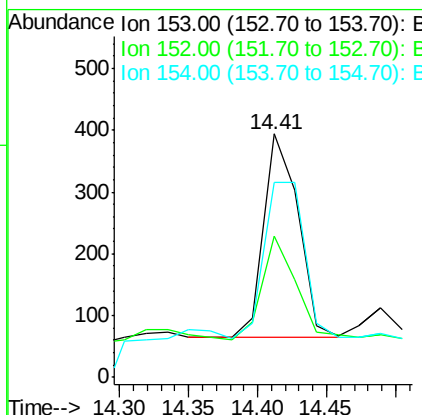
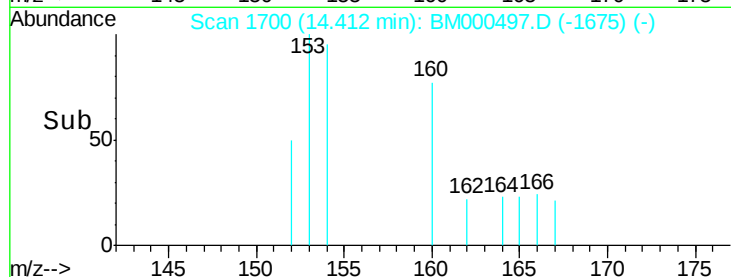
A4FN1



Tgt Ion:	153	Resp:	581
Ion Ratio	Lower	Upper	
153	100		
152	57.9	45.6	68.4
154	79.9	62.5	93.7

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#9

Fluorene

Concen: 0.02 ng/ul m

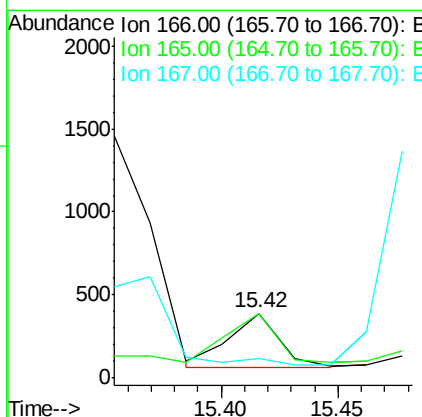
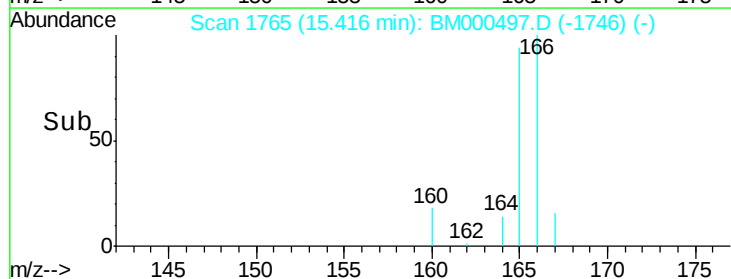
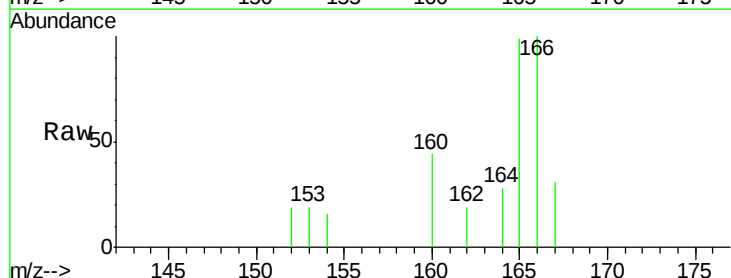
RT: 15.42 min Scan# 1765

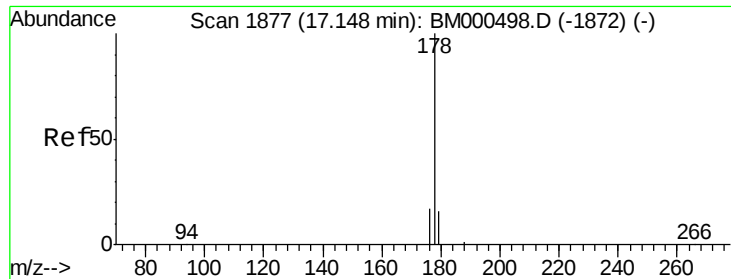
Delta R.T. -0.00 min

Lab File: BM000497.D

Acq: 12 Feb 2015 03:29

Tgt Ion:	166	Resp:	475
Ion Ratio	Lower	Upper	
166	100		
165	98.7	74.4	111.6
167	30.7	11.3	16.9#





#12

Phenanthrene

Concen: 0.02 ng/ul m

RT: 17.15 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM000497.D

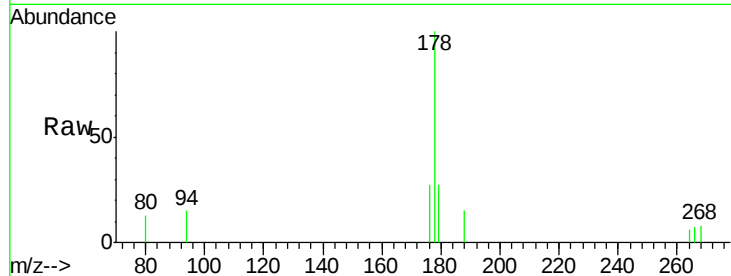
Acq: 12 Feb 2015 03:29

Instrument :

BNA_M

ClientSampled :

A4FN1



Tgt Ion:178 Resp: 1108

Ion Ratio Lower Upper

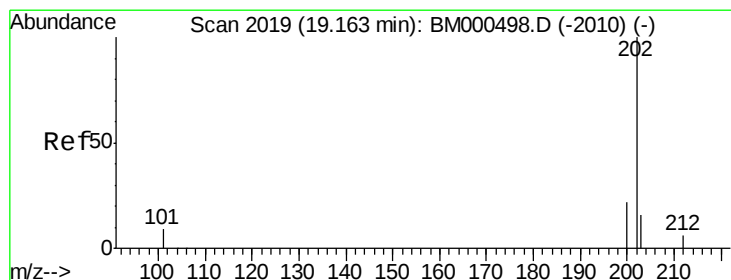
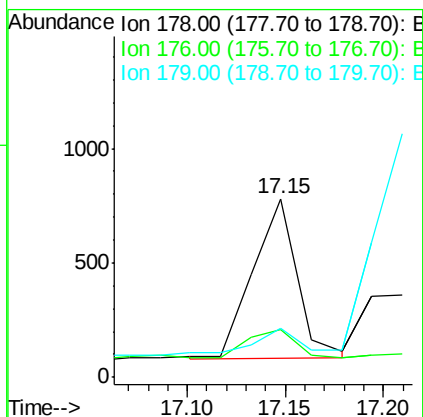
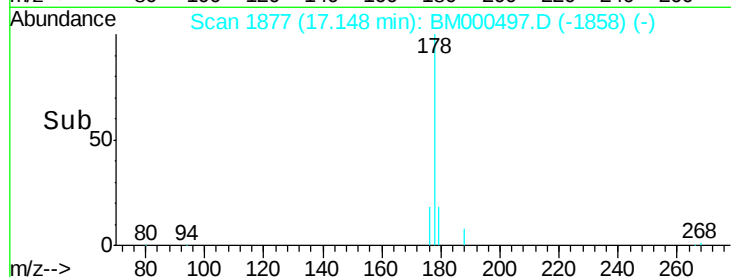
178 100

176 26.6 15.0 22.4#

179 27.2 13.0 19.4#

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#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.16 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM000497.D

Acq: 12 Feb 2015 03:29

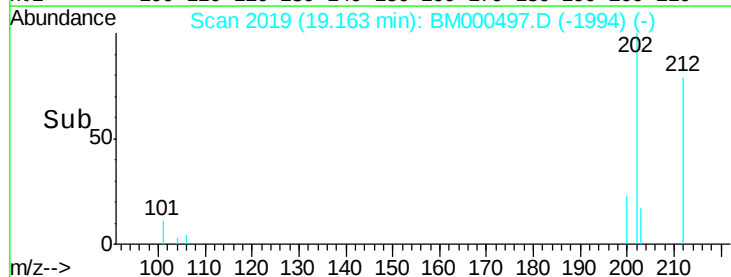
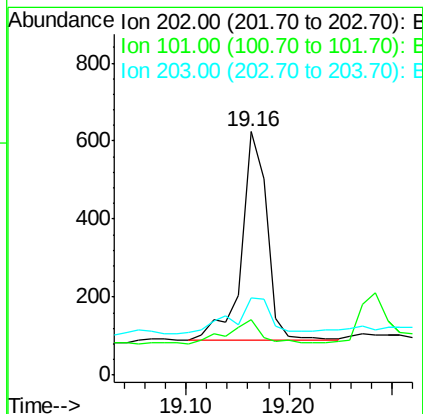
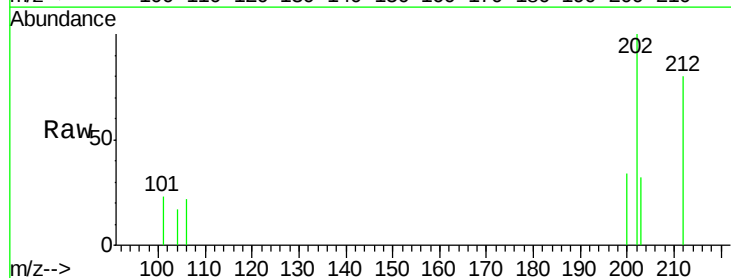
Tgt Ion:202 Resp: 924

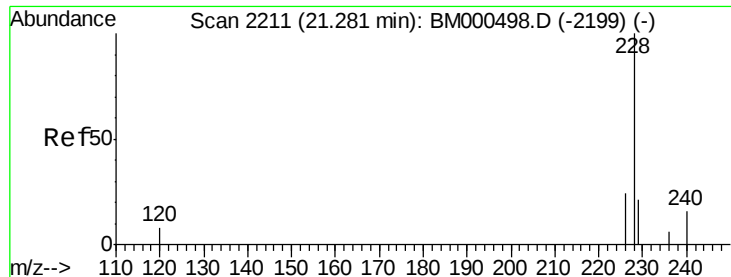
Ion Ratio Lower Upper

202 100

101 22.6 0.0 24.6

203 31.7 0.0 39.2





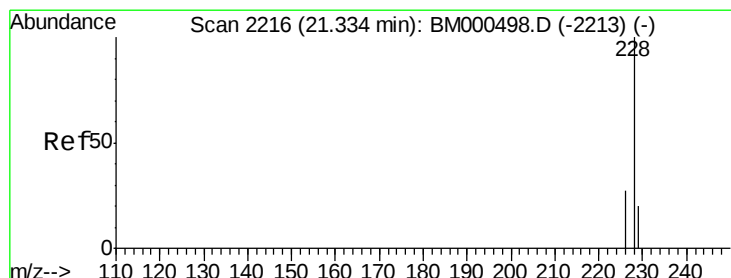
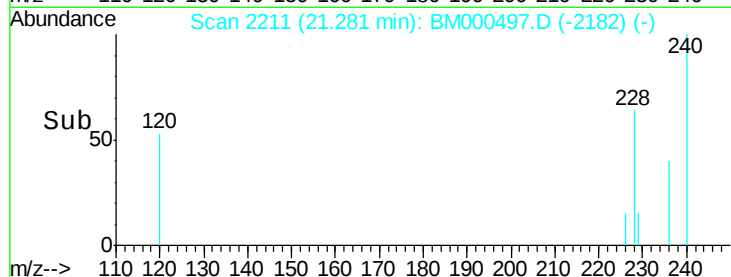
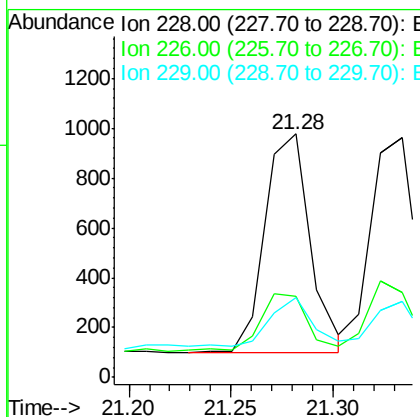
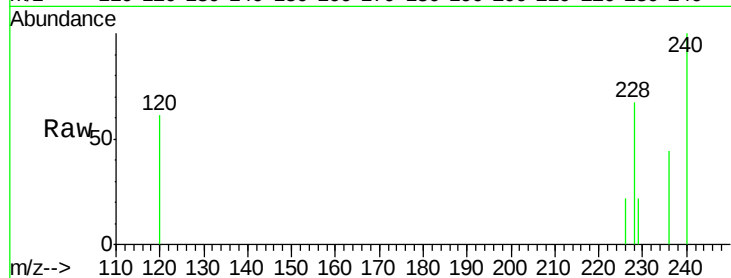
#18
Benzo(a)anthracene
Concen: 0.04 ng/u1
RT: 21.28 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BM000497.D
Acq: 12 Feb 2015 03:29

Instrument :
BNA_M
ClientSampled :
A4FN1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.4	32.0#
229	32.7	15.6	23.4#

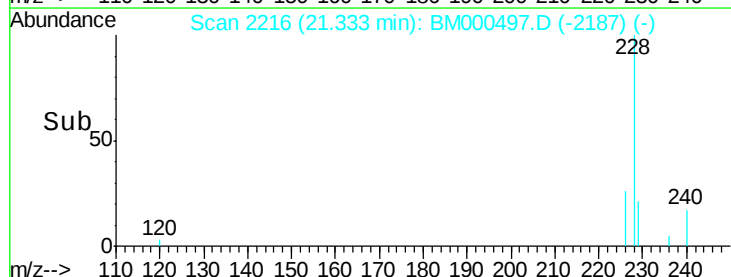
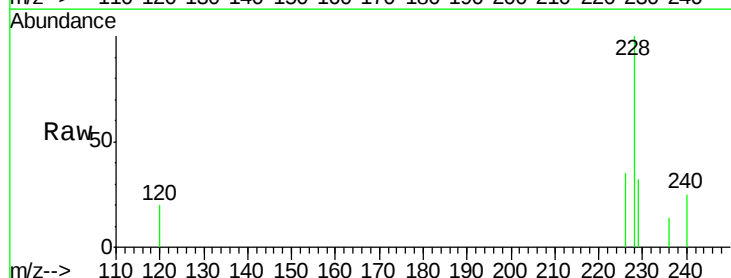
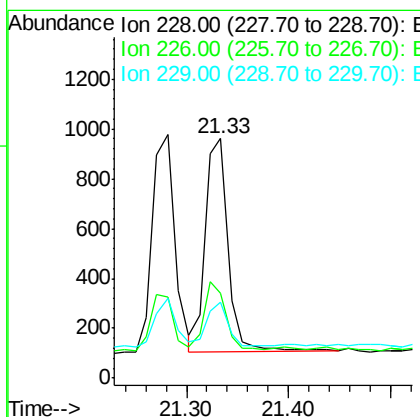
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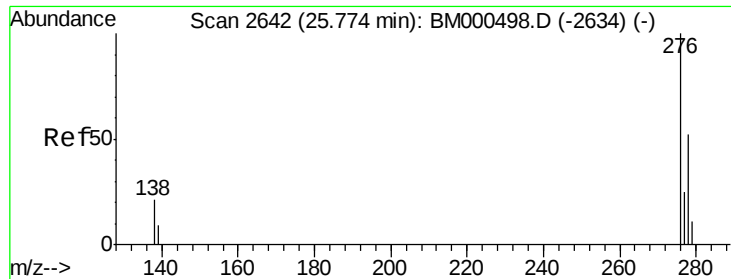
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#19
Chrysene
Concen: 0.03 ng/u1
RT: 21.33 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BM000497.D
Acq: 12 Feb 2015 03:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.0	34.6#
229	31.9	15.9	23.9#





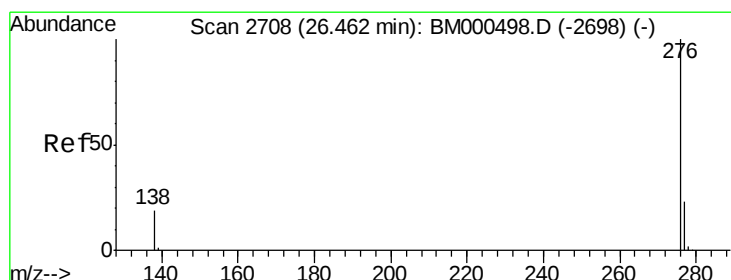
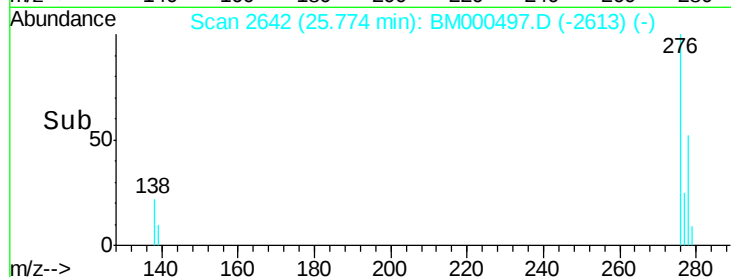
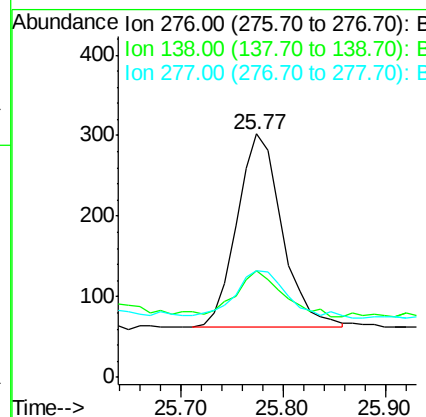
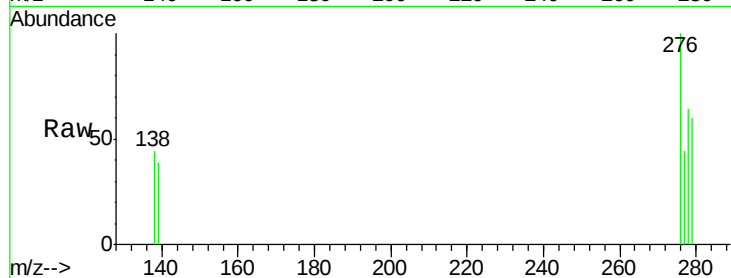
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng/ul
 RT: 25.77 min Scan# 2642
 Delta R.T. -0.00 min
 Lab File: BM000497.D
 Acq: 12 Feb 2015 03:29

Instrument :
 BNA_M
 ClientSampleId :
 A4FN1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.3	24.5
277	28.5	20.0	30.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.03 ng/ul
 RT: 26.46 min Scan# 2708
 Delta R.T. -0.00 min
 Lab File: BM000497.D
 Acq: 12 Feb 2015 03:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.8	20.2	30.4#
138	44.1	16.0	24.0#

