

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000487.D
 Acq On : 11 Feb 2015 21:34
 Operator : TP/IZ
 Sample : G1249-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL2MS

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Quant Time: Feb 12 15:03:38 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 : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3292	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	11438	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7410	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14417m	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	10135	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	7392m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	6832	0.45	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	14201m	0.44	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.41	153	7625	0.34	ng/ul	95
11) Pentachlorophenol	16.76	266	1078	0.81	ng/ul	99
12) Phenanthrene	17.15	178	331m	0.01	ng/ul	
15) Fluoranthene	19.16	202	841	0.02	ng/ul	77
17) Pyrene	19.53	202	20818	0.56	ng/ul#	94
18) Benzo(a)anthracene	21.28	228	1234	0.04	ng/ul#	90
19) Chrysene	21.33	228	1361	0.04	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.77	276	874	0.03	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.80	278	716	0.04	ng/ul#	32
26) Benzo(g,h,i)perylene	26.46	276	826	0.04	ng/ul#	66

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

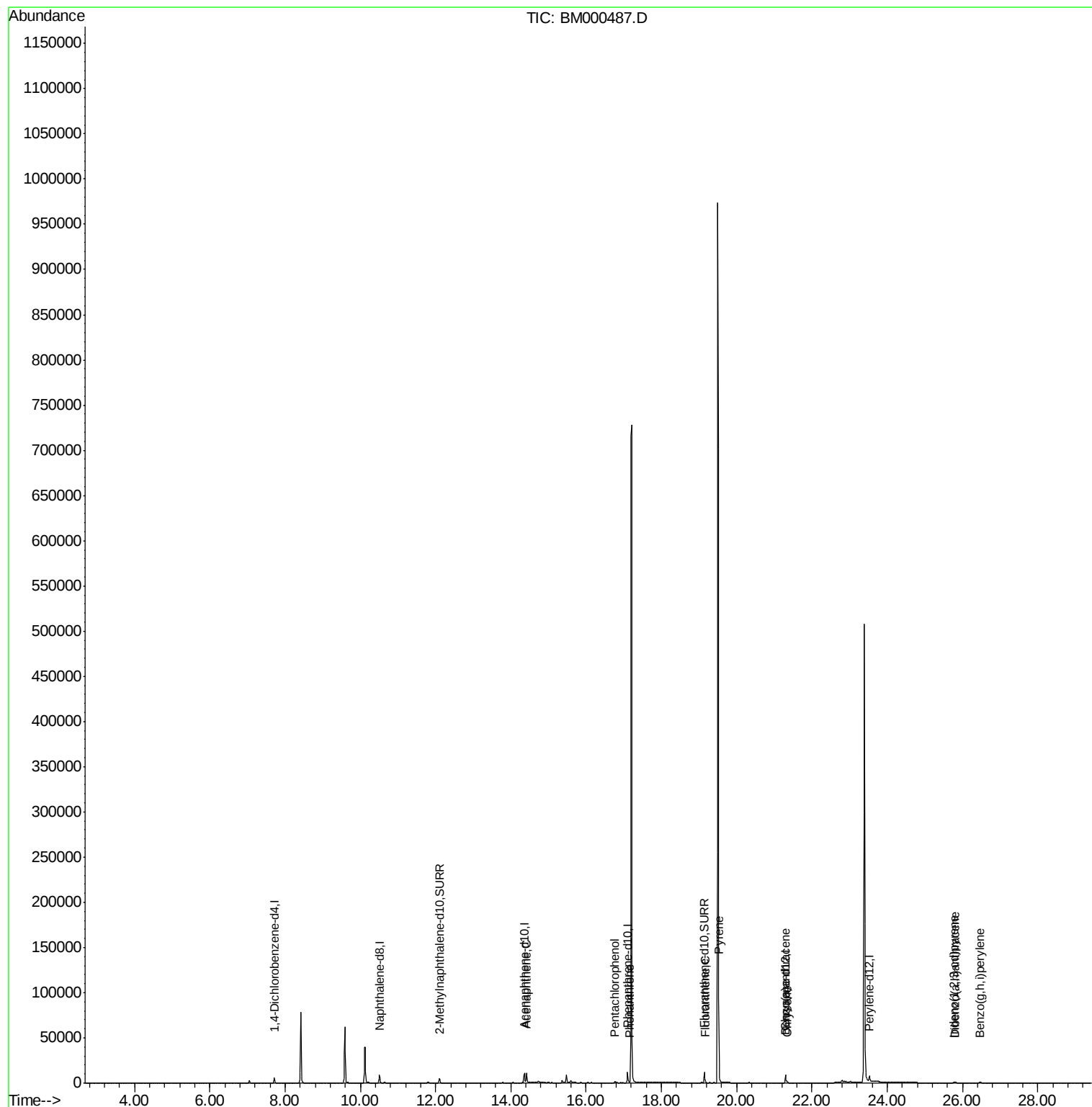
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000487.D
Acq On : 11 Feb 2015 21:34
Operator : TP/IZ
Sample : G1249-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

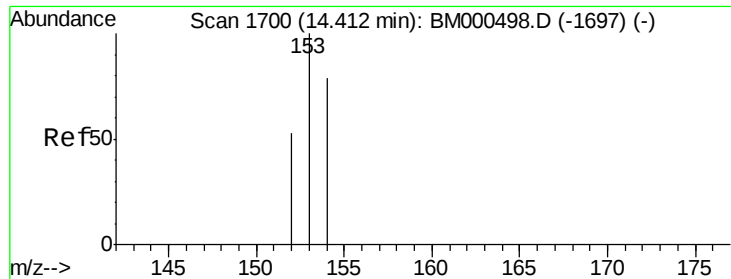
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.34 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000487.D

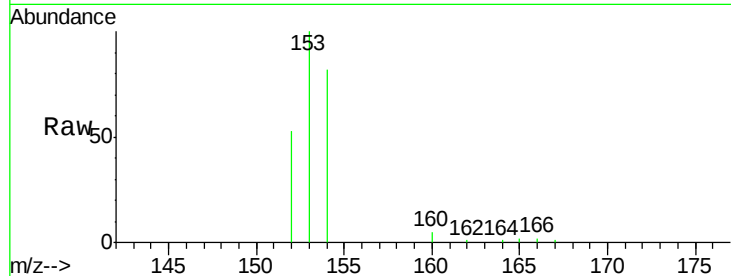
Acq: 11 Feb 2015 21:34

Instrument :

BNA_M

ClientSampleId :

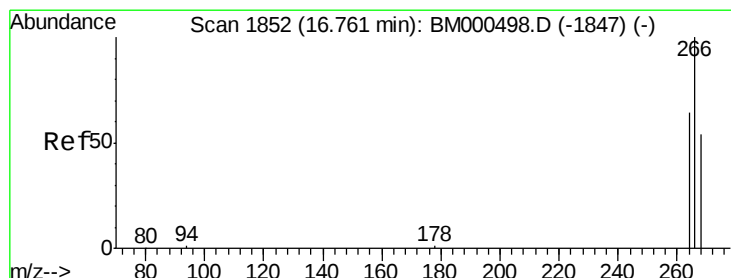
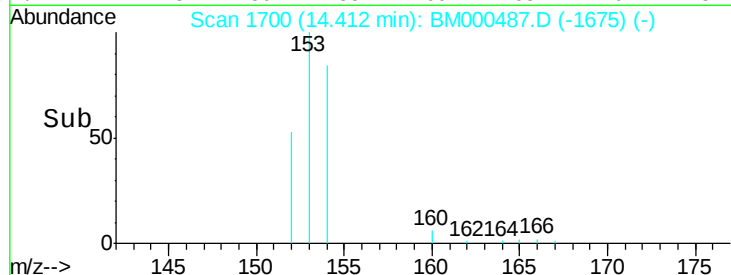
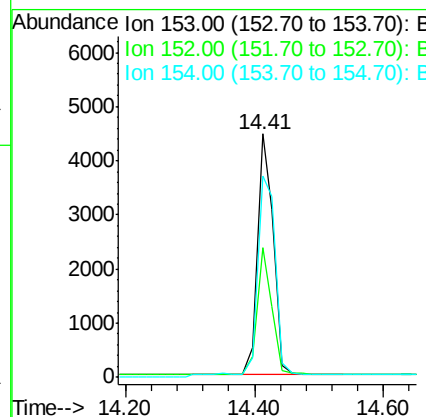
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.2	45.6	68.4
154	82.5	62.5	93.7

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#11

Pentachlorophenol

Concen: 0.81 ng/ul

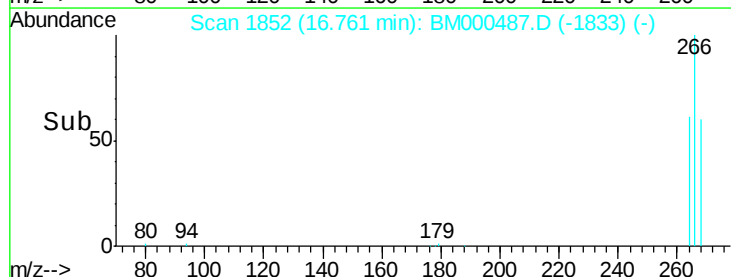
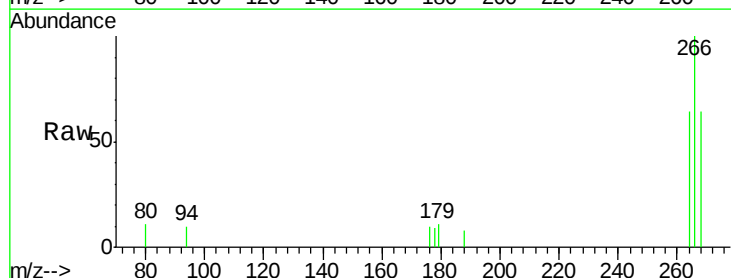
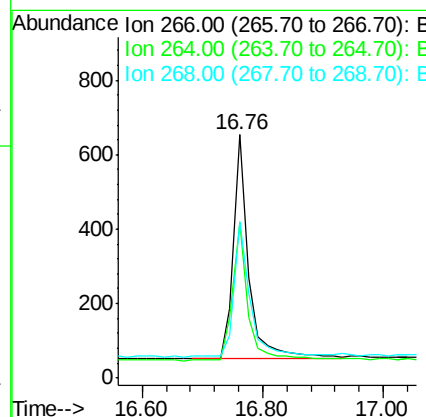
RT: 16.76 min Scan# 1852

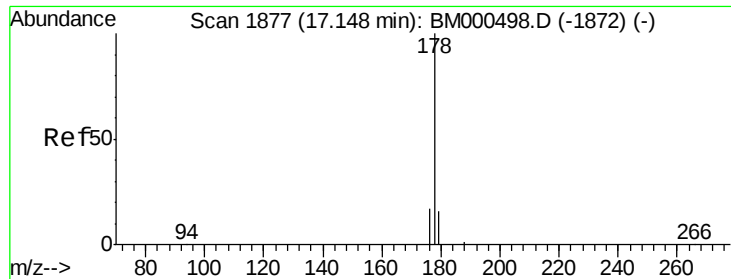
Delta R.T. -0.00 min

Lab File: BM000487.D

Acq: 11 Feb 2015 21:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.8	74.6
268	62.4	51.2	76.8





#12

Phenanthrene

Concen: 0.01 ng/ul m

RT: 17.15 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM000487.D

Acq: 11 Feb 2015 21:34

Instrument :

BNA_M

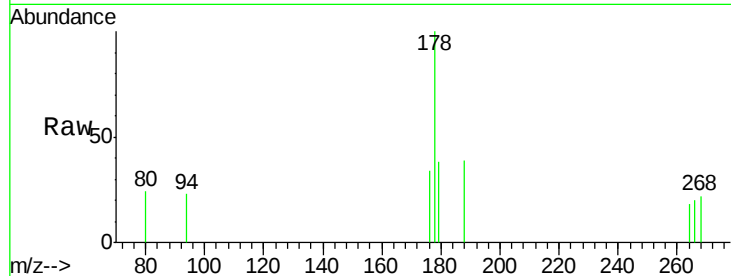
ClientSampleId :

A4FL2MS

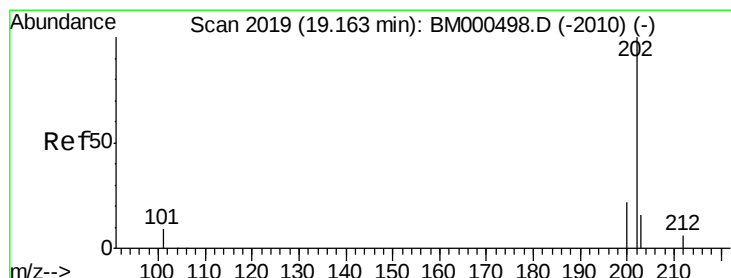
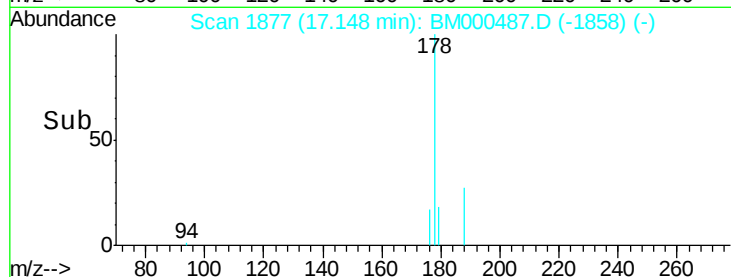
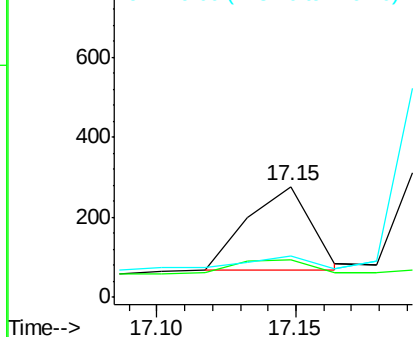
Tgt Ion:	178	Resp:	331
Ion Ratio	Lower	Upper	
178	100		
176	34.4	15.0	22.4#
179	37.7	13.0	19.4#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.02 ng/ul

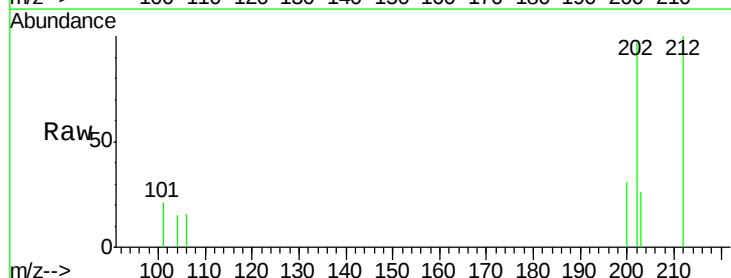
RT: 19.16 min Scan# 2019

Delta R.T. -0.00 min

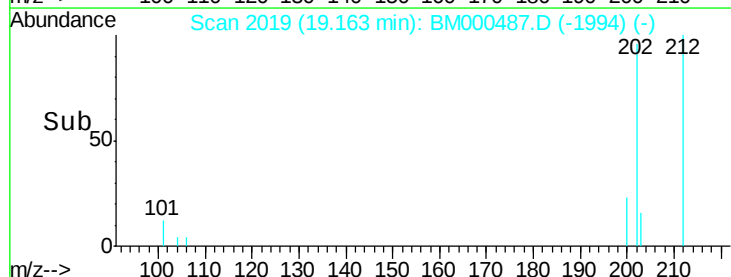
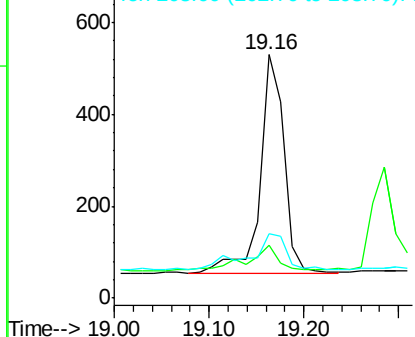
Lab File: BM000487.D

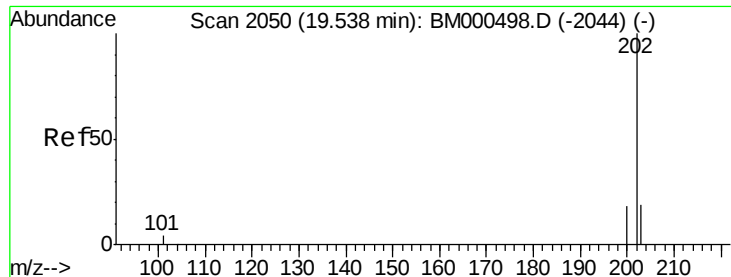
Acq: 11 Feb 2015 21:34

Tgt Ion:	202	Resp:	841
Ion Ratio	Lower	Upper	
202	100		
101	21.7	0.0	24.6
203	26.4	0.0	39.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





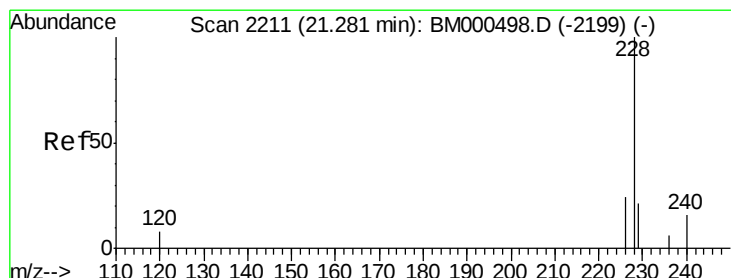
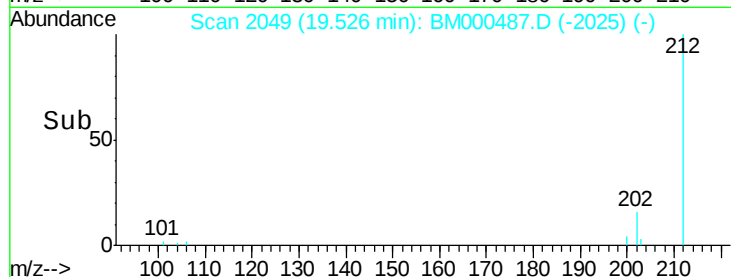
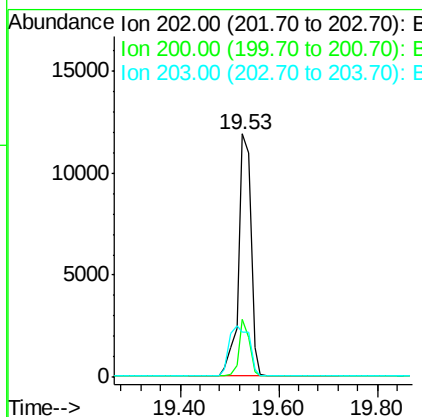
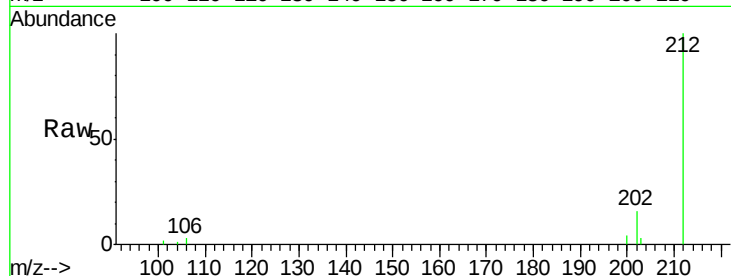
#17
 Pyrene
 Concen: 0.56 ng/u1
 RT: 19.53 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM000487.D
 Acq: 11 Feb 2015 21:34

Instrument :
 BNA_M
 ClientSampleId :
 A4FL2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.7	14.9	22.3#
203	18.5	15.4	23.0

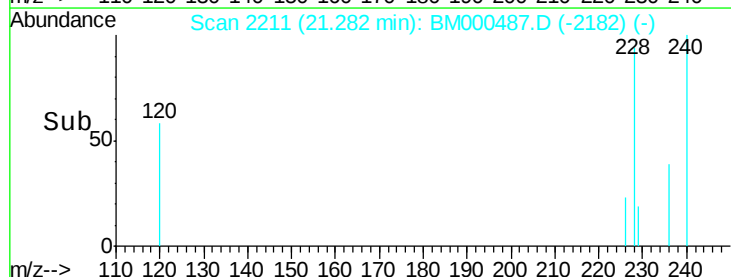
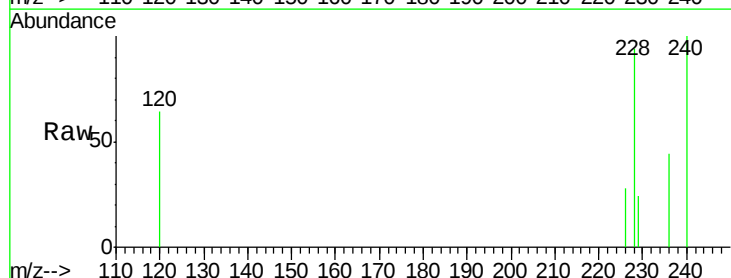
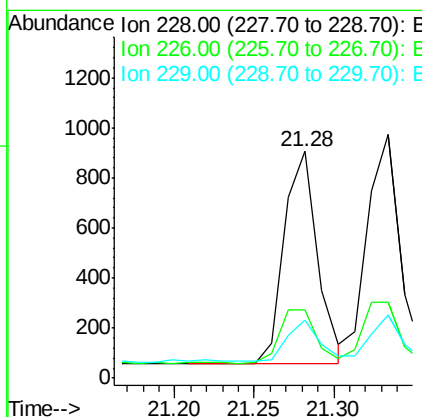
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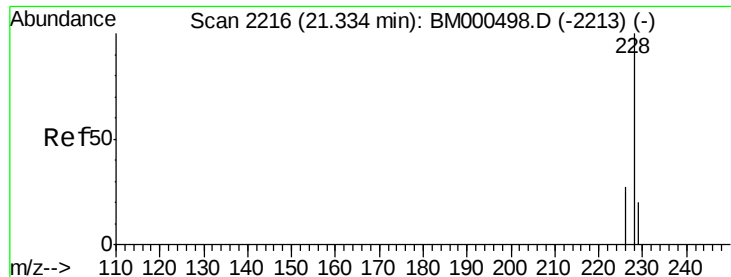
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#18
 Benzo(a)anthracene
 Concen: 0.04 ng/u1
 RT: 21.28 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: BM000487.D
 Acq: 11 Feb 2015 21:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	21.4	32.0
229	25.9	15.6	23.4#





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000487.D

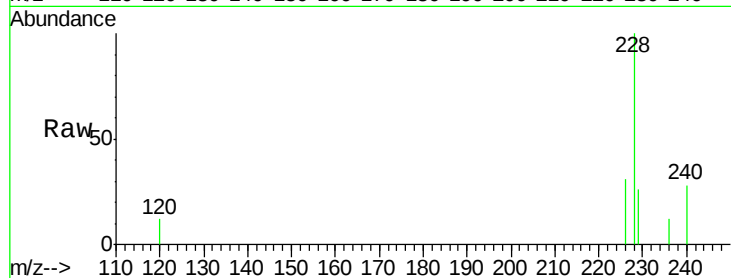
Acq: 11 Feb 2015 21:34

Instrument :

BNA_M

ClientSampleId :

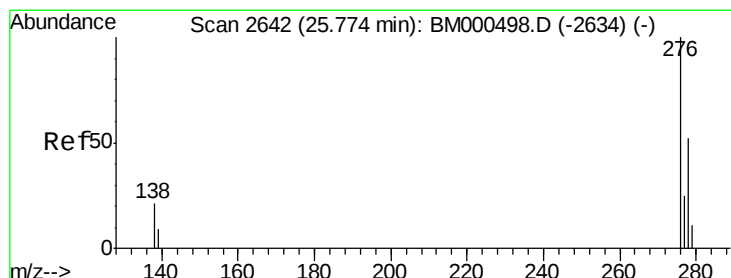
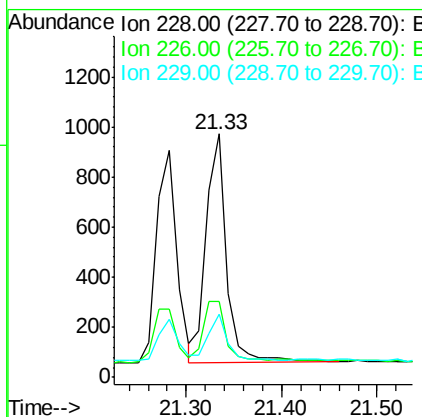
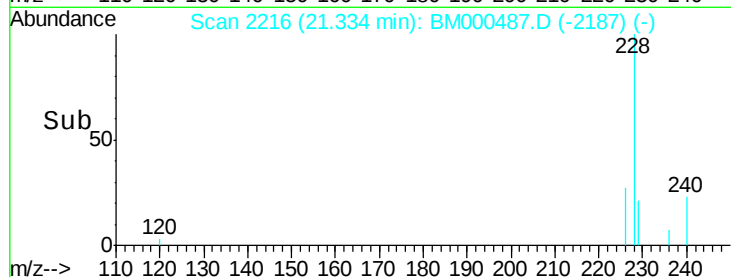
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Tgt Ion:	228	Resp:	1361
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.0	34.6
229	26.1	15.9	23.9

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#24

Indeno(1,2,3-cd)pyrene

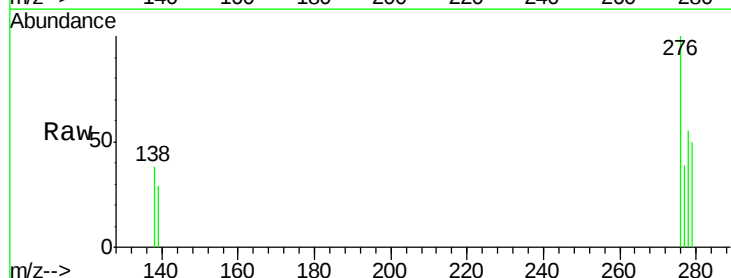
Concen: 0.03 ng/ul

RT: 25.77 min Scan# 2642

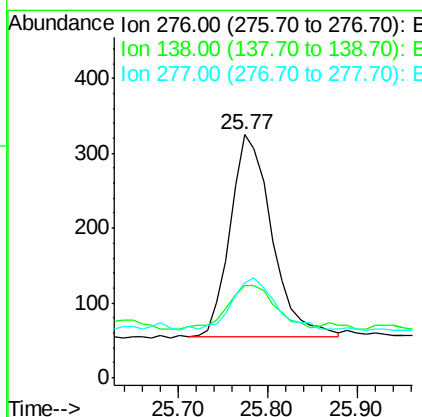
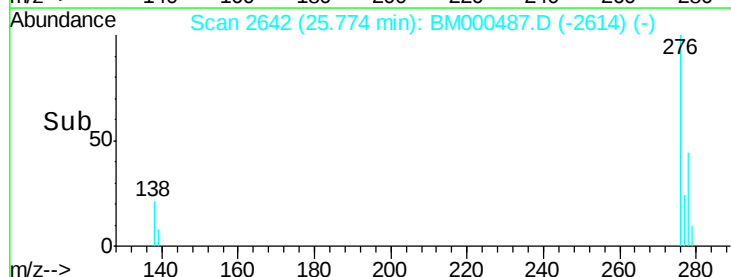
Delta R.T. -0.01 min

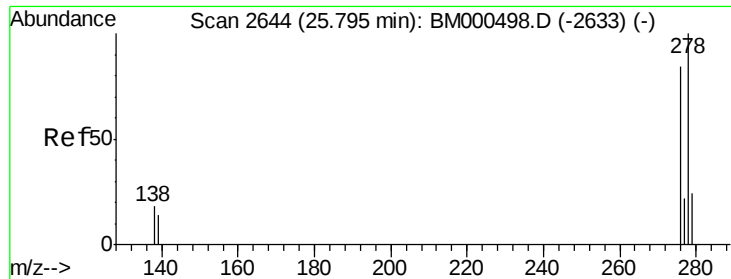
Lab File: BM000487.D

Acq: 11 Feb 2015 21:34



Tgt Ion:	276	Resp:	874
Ion Ratio	Lower	Upper	
276	100		
138	24.8	16.3	24.5
277	27.3	20.0	30.0





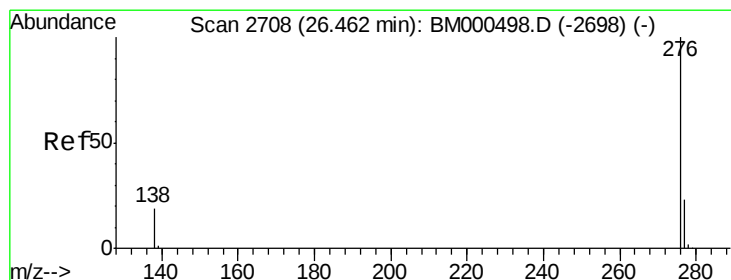
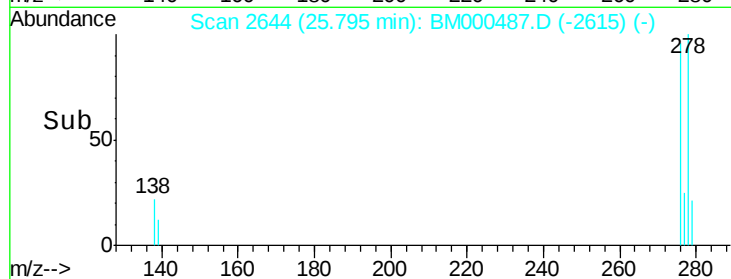
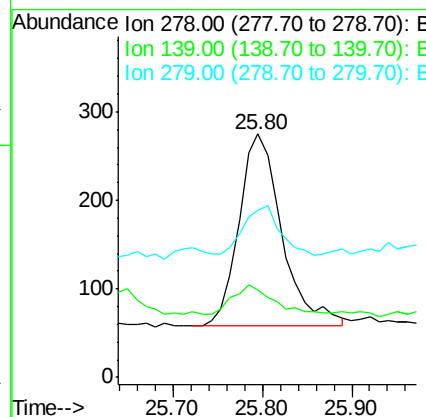
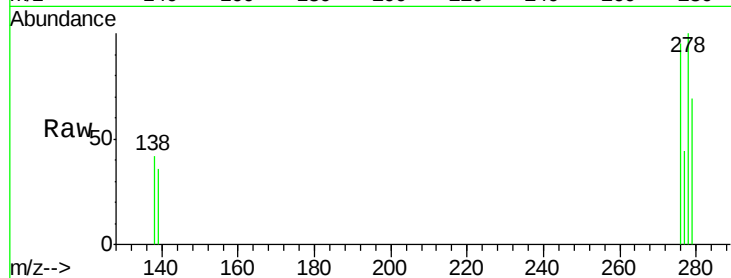
#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.80 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BM000487.D
Acq: 11 Feb 2015 21:34

Instrument :
BNA_M
ClientSampleId :
A4FL2MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.0	13.4	20.0#
279	68.7	21.3	31.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.46 min Scan# 2708
Delta R.T. -0.01 min
Lab File: BM000487.D
Acq: 11 Feb 2015 21:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.5	20.2	30.4#
138	37.8	16.0	24.0#

