

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
 Data File : BM000506.D
 Acq On : 12 Feb 2015 17:15
 Operator : TP/IZ
 Sample : G1249-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN4

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:13 PM

Quant Time: Feb 13 10:25:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3781	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	12692	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7323	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	15127m	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	12441	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10007m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	6629	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14014m	0.44	ng/ul	0.00
Target Compounds						
11) Pentachlorophenol	16.75	266	797	0.41	ng/ul	95
13) Anthracene	17.23	178	2018	0.05	ng/ul#	86
15) Fluoranthene	19.15	202	1828	0.04	ng/ul	90
18) Benzo(a)anthracene	21.27	228	1887m	0.05	ng/ul	
19) Chrysene	21.32	228	2121	0.05	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.76	276	1429	0.04	ng/ul	99
25) Dibenzo(a,h)anthracene	25.77	278	998m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	1250	0.04	ng/ul#	75

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

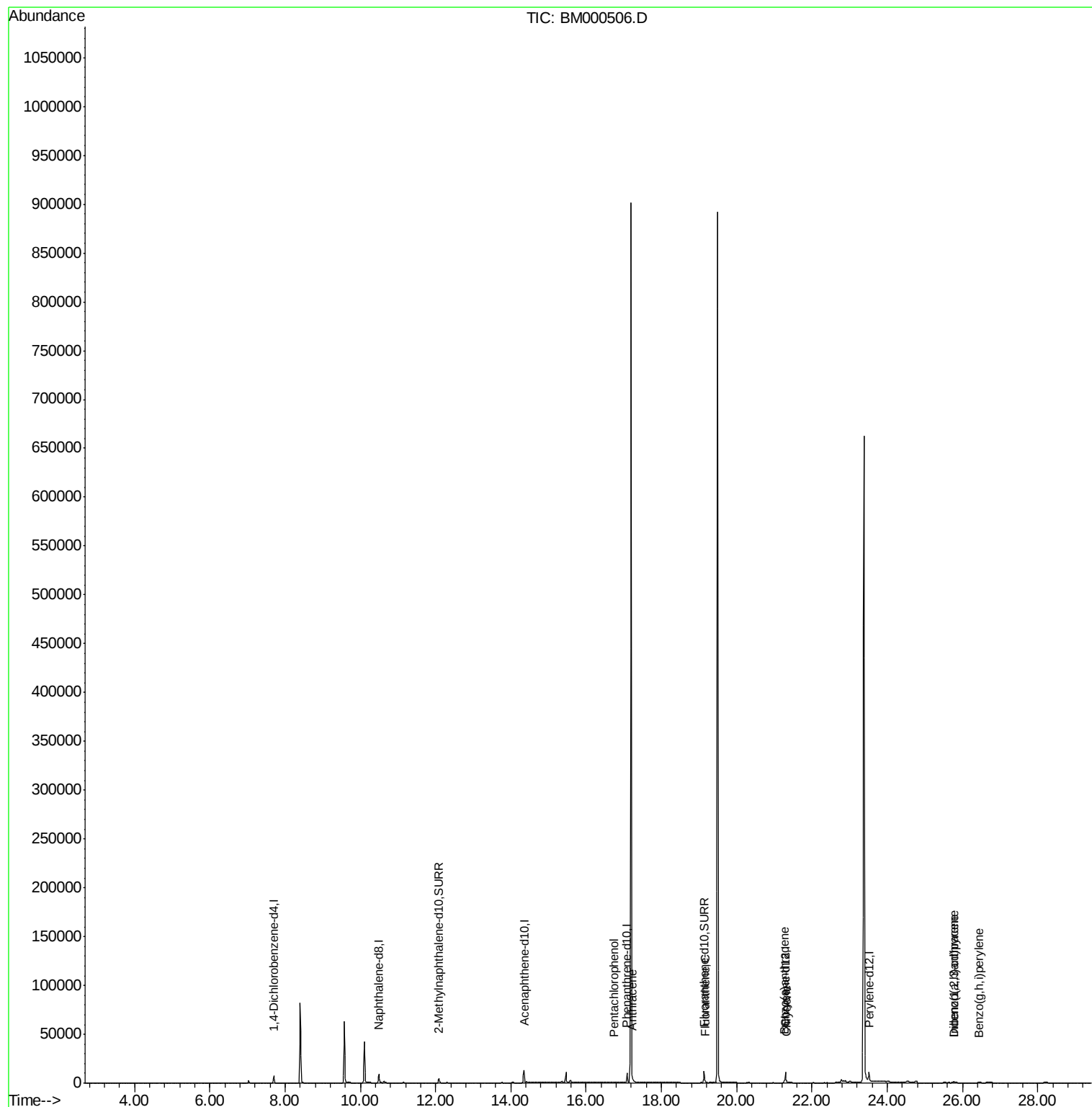
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
Data File : BM000506.D
Acq On : 12 Feb 2015 17:15
Operator : TP/IZ
Sample : G1249-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

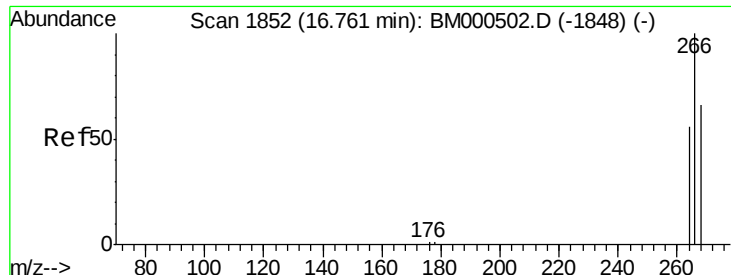
Instrument :
BNA_M
ClientSampleId :
A4FN4

Manual Integrations
APPROVED

mohammad
2/13/2015 5:41:13 PM

Quant Time: Feb 13 10:25:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 12 16:45:55 2015
Response via : Initial Calibration





#11

Pentachlorophenol

Concen: 0.41 ng/ul

RT: 16.75 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM000506.D

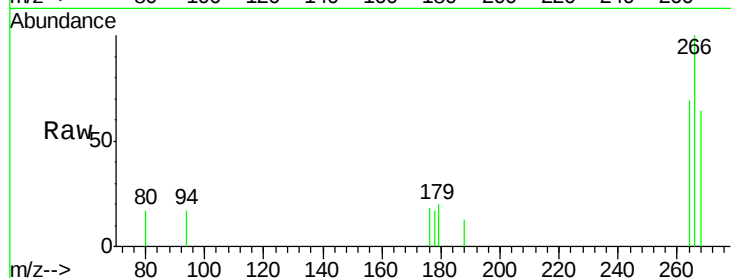
Acq: 12 Feb 2015 17:15

Instrument :

BNA_M

ClientSampleId :

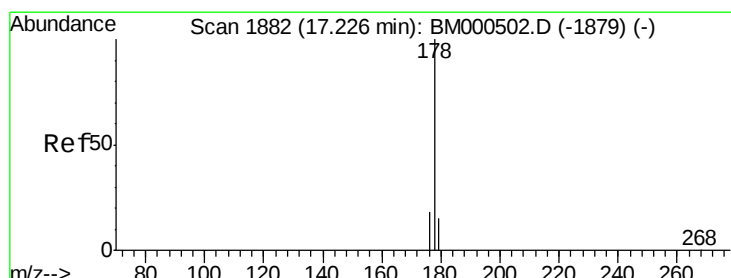
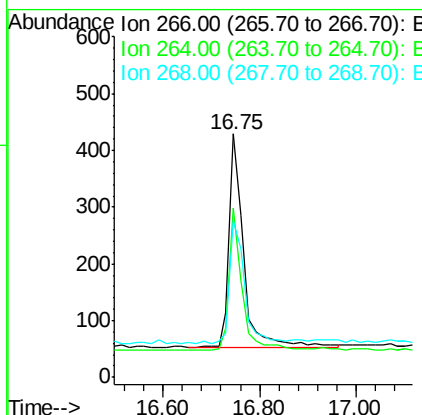
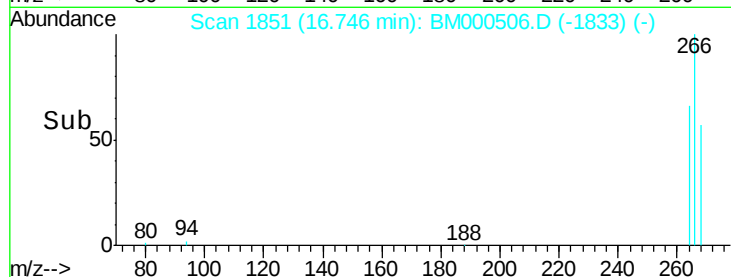
A4FN4



Tgt Ion:	266	Resp:	797
Ion Ratio	Lower	Upper	
266	100		
264	57.7	51.4	77.2
268	59.8	48.7	73.1

Manual Integrations
APPROVED

mohammad
2/13/2015 5:41:13 PM



#13

Anthracene

Concen: 0.05 ng/ul

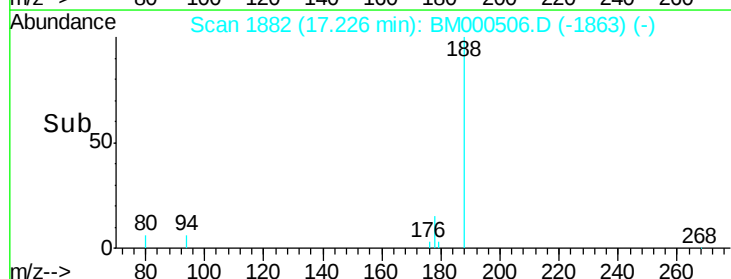
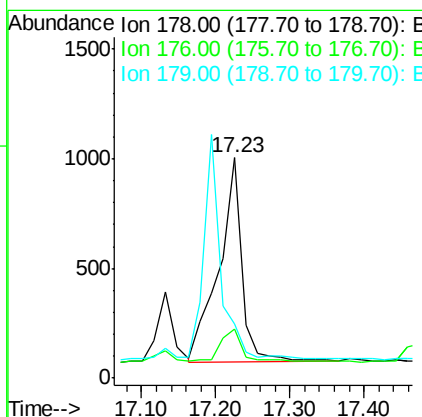
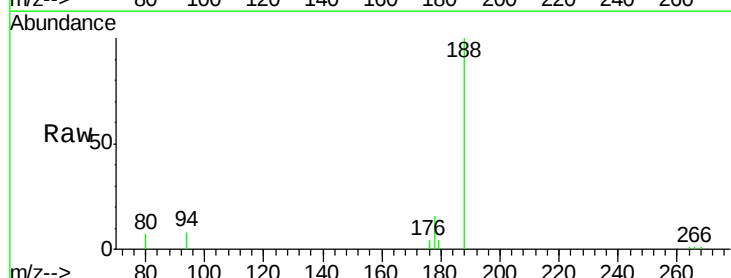
RT: 17.23 min Scan# 1882

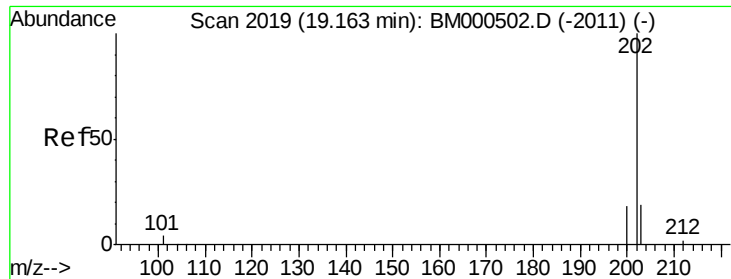
Delta R.T. -0.00 min

Lab File: BM000506.D

Acq: 12 Feb 2015 17:15

Tgt Ion:	178	Resp:	2018
Ion Ratio	Lower	Upper	
178	100		
176	22.5	14.9	22.3#
179	24.8	12.8	19.2#





#15

Fluoranthene

Concen: 0.04 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000506.D

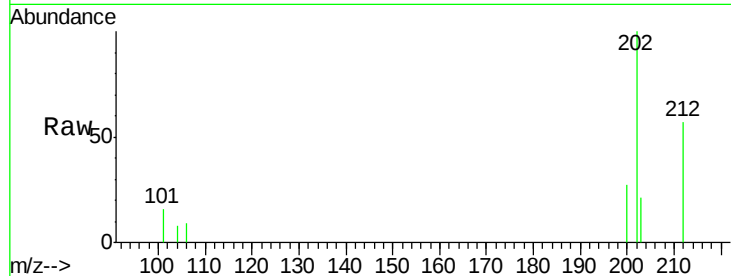
Acq: 12 Feb 2015 17:15

Instrument :

BNA_M

ClientSampleId :

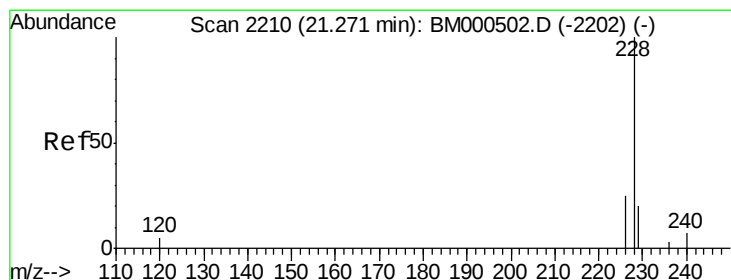
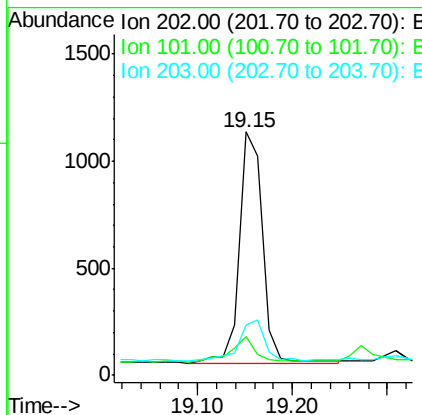
A4FN4



Tgt Ion:	202	Resp:	1828
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	24.8
203	20.9	0.0	39.2

Manual Integrations
APPROVED

mohammad
2/13/2015 5:41:13 PM



#18

Benzo(a)anthracene

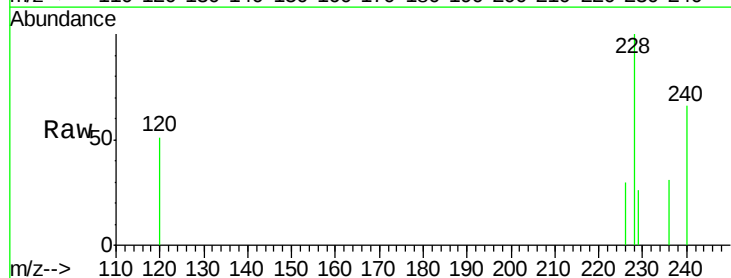
Concen: 0.05 ng/ul m

RT: 21.27 min Scan# 2210

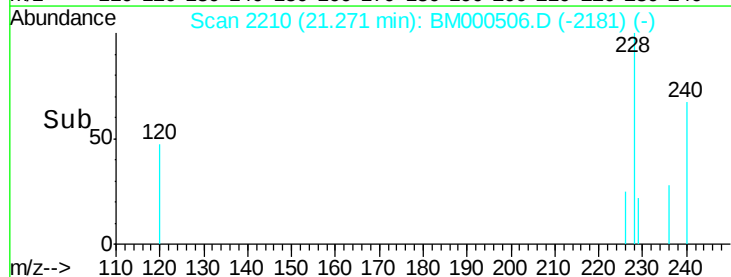
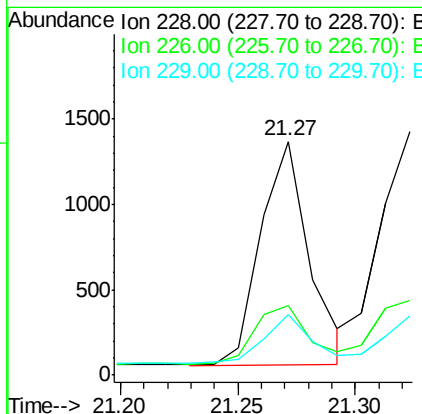
Delta R.T. -0.00 min

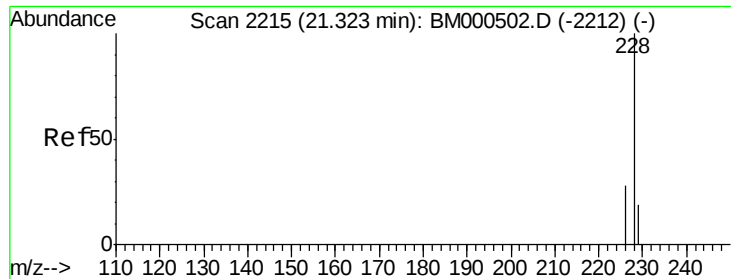
Lab File: BM000506.D

Acq: 12 Feb 2015 17:15



Tgt Ion:	228	Resp:	1887
Ion Ratio	Lower	Upper	
228	100		
226	29.6	20.6	31.0
229	25.9	16.3	24.5#





#19

Chrysene

Concen: 0.05 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000506.D

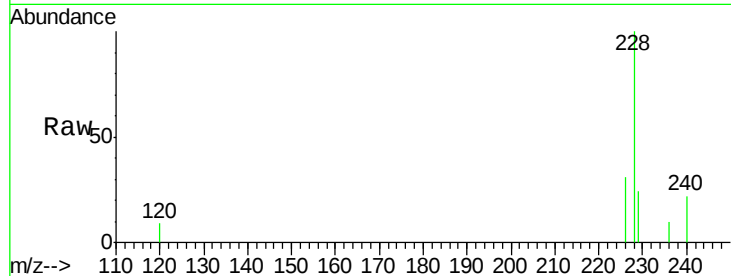
Acq: 12 Feb 2015 17:15

Instrument :

BNA_M

ClientSampleId :

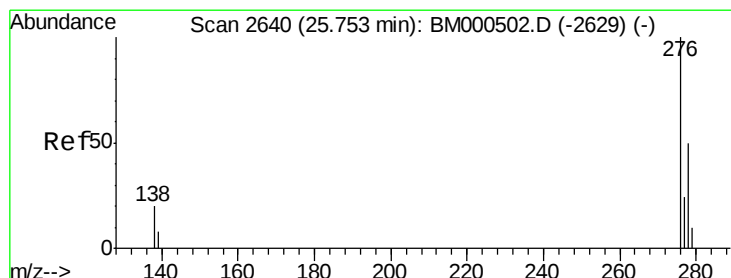
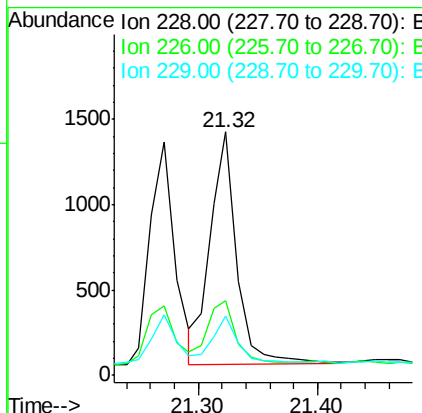
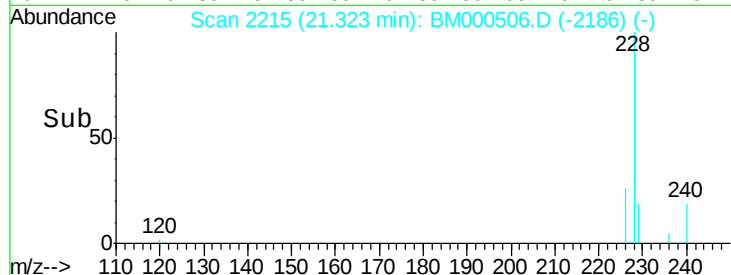
A4FN4



Tgt Ion:	228	Resp:	2121
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.7	34.1
229	24.1	16.0	24.0

Manual Integrations
APPROVED

mohammad
2/13/2015 5:41:13 PM



#24

Indeno(1,2,3-cd)pyrene

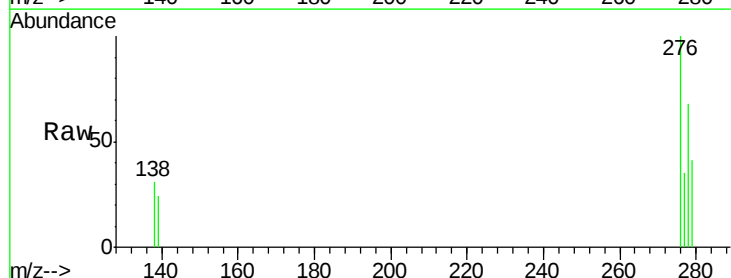
Concen: 0.04 ng/ul

RT: 25.76 min Scan# 2641

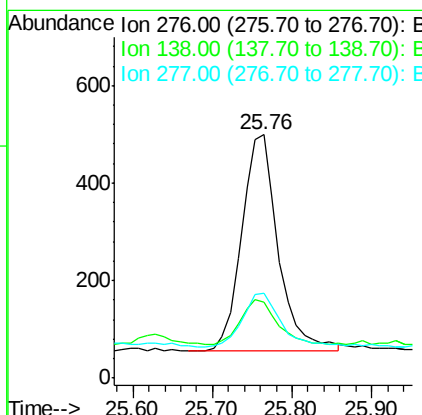
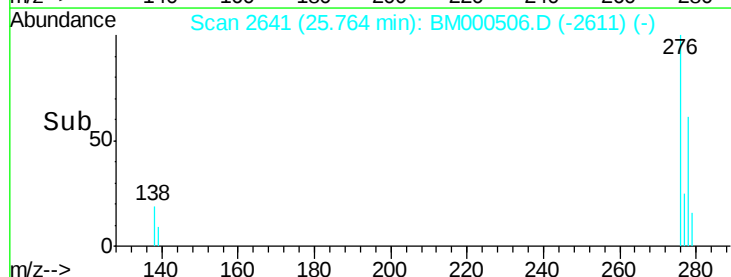
Delta R.T. 0.01 min

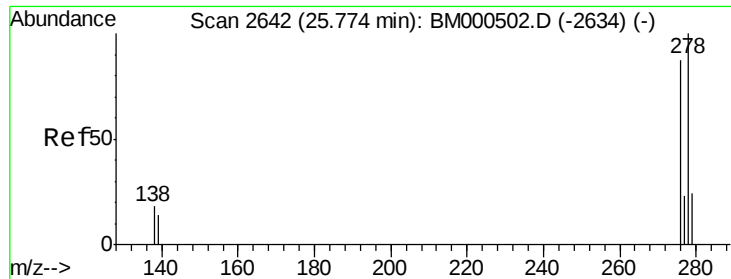
Lab File: BM000506.D

Acq: 12 Feb 2015 17:15



Tgt Ion:	276	Resp:	1429
Ion Ratio	Lower	Upper	
276	100		
138	21.2	17.3	25.9
277	24.9	19.8	29.8





#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul m

RT: 25.77 min Scan# 2642

Delta R.T. -0.00 min

Lab File: BM000506.D

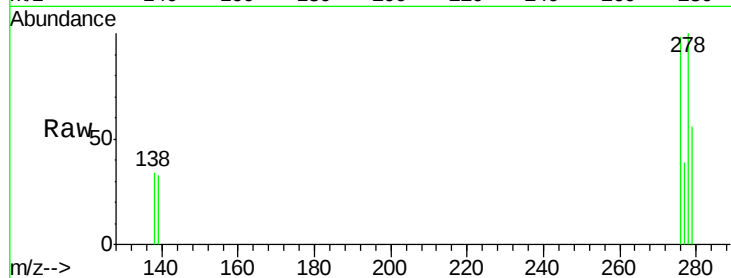
Acq: 12 Feb 2015 17:15

Instrument :

BNA_M

ClientSampleId :

A4FN4



Tgt Ion:278 Resp: 998

Ion Ratio Lower Upper

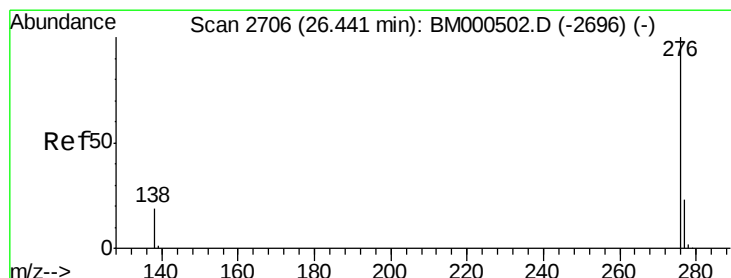
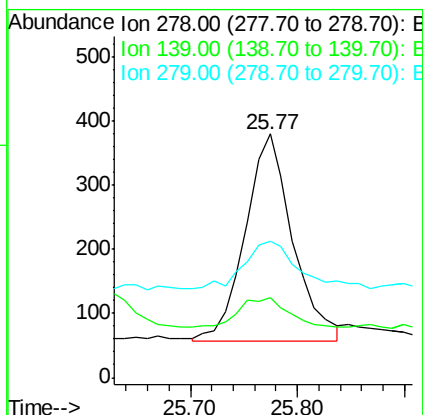
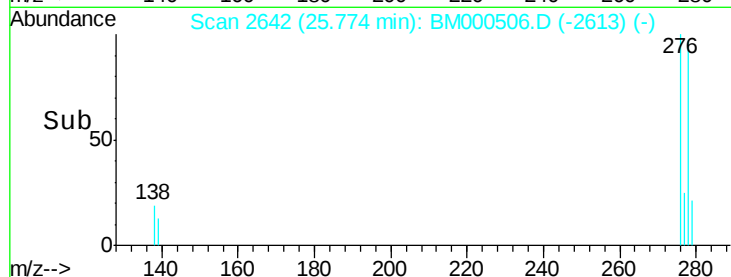
278 100

139 32.7 12.5 18.7#

279 55.9 22.2 33.2#

Manual Integrations
APPROVED

mohammad
2/13/2015 5:41:13 PM



#26

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 26.44 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BM000506.D

Acq: 12 Feb 2015 17:15

Tgt Ion:276 Resp: 1250

Ion Ratio Lower Upper

276 100

277 34.6 19.2 28.8#

138 32.9 16.0 24.0#

