

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008076.D
 Acq On : 24 Nov 2016 16:16
 Operator : UM/SJ
 Sample : H5701-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WE3

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:30:34 PM

Quant Time: Nov 25 03:41:36 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	700	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2423	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2980m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2914	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2593m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1096	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2617	0.31	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.12	178	1013m	0.11	ng/ul	
15) Fluoranthene	19.16	202	2846	0.24	ng/ul	98
17) Pyrene	19.52	202	3069	0.30	ng/ul	99
18) Benzo(a)anthracene	21.27	228	1084	0.12	ng/ul#	86
19) Chrysene	21.33	228	1355	0.12	ng/ul#	88
23) Benzo(a)pyrene	23.42	252	1320m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	938m	0.08	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	892m	0.08	ng/ul	

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

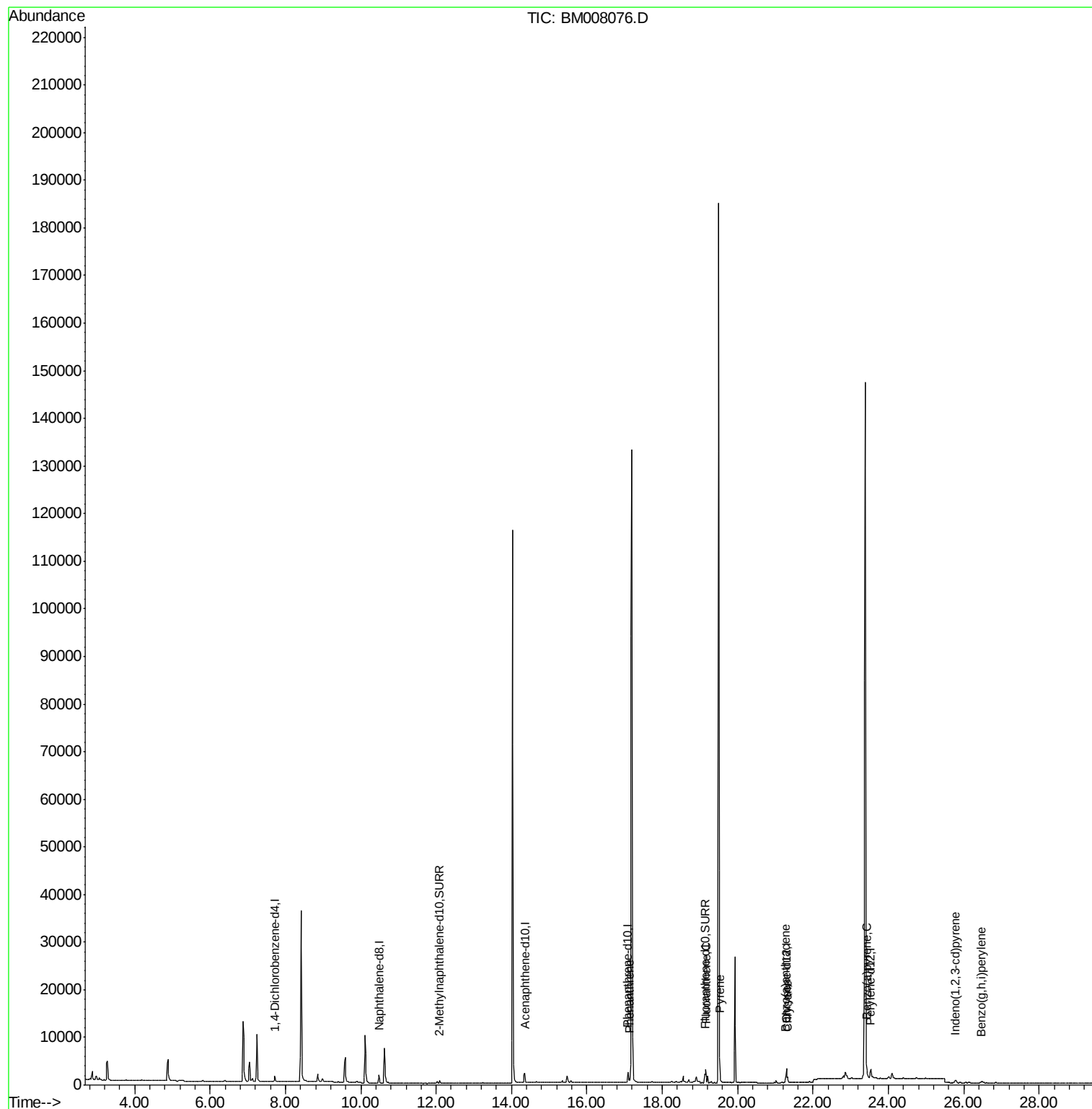
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008076.D
Acq On : 24 Nov 2016 16:16
Operator : UM/SJ
Sample : H5701-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

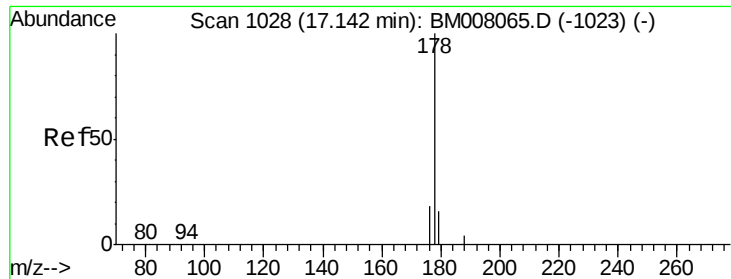
Instrument :
BNA_M
ClientSampleId :
A4WE3

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:34 PM

Quant Time: Nov 25 03:41:36 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.11 ng/ul m

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008076.D

Acq: 24 Nov 2016 16:16

Instrument :

BNA_M

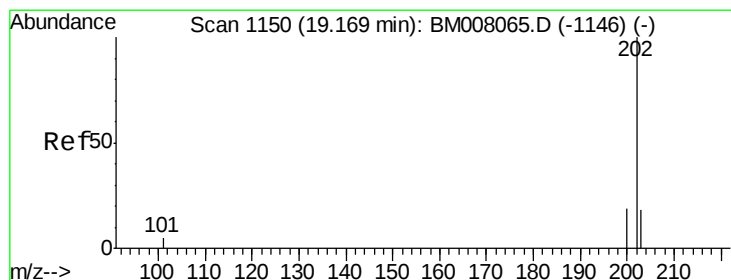
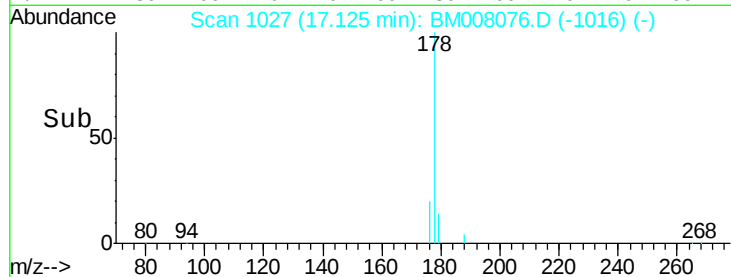
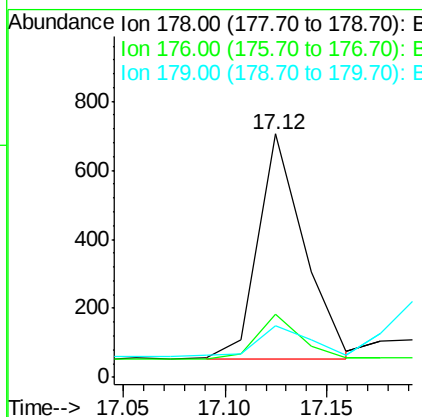
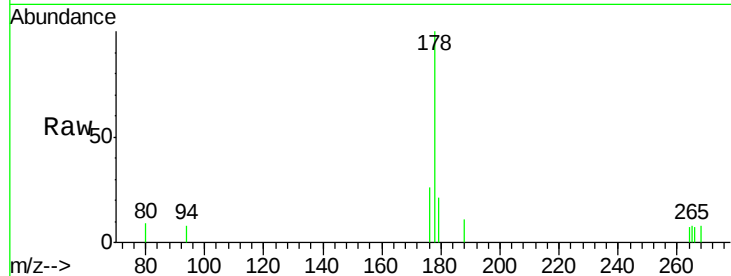
ClientSampleId :

A4WE3

Tot Ion:	178	Resp:	1013
Ion Ratio	Lower	Upper	
178	100		
176	25.9	18.4	27.6
179	21.4	13.6	20.4#

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:34 PM



#15

Fluoranthene

Concen: 0.24 ng/ul

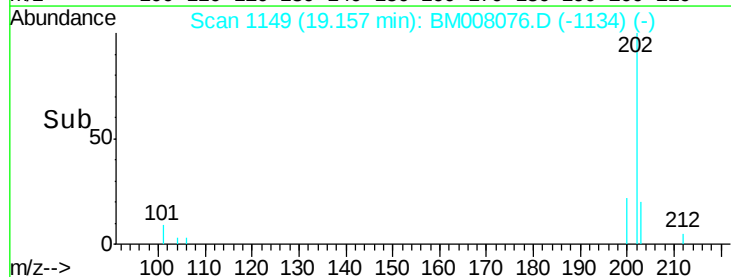
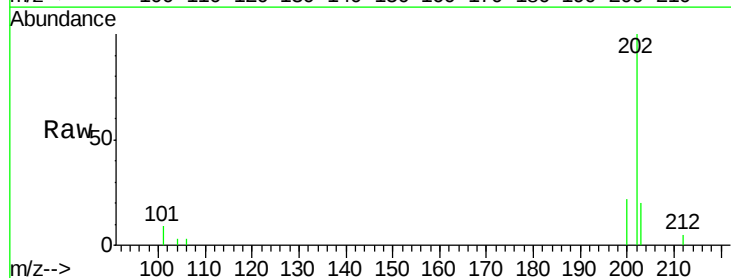
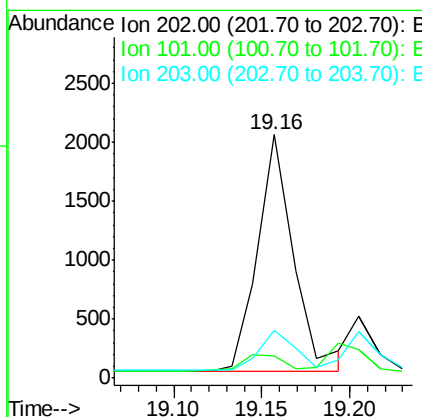
RT: 19.16 min Scan# 1149

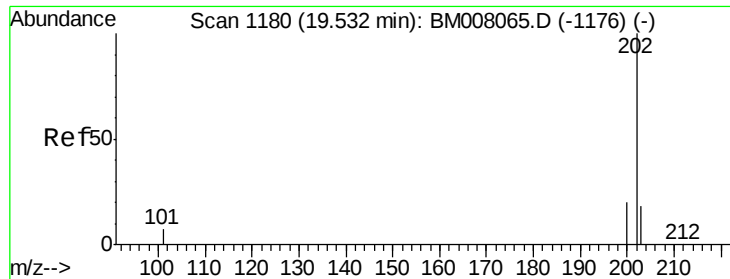
Delta R.T. -0.01 min

Lab File: BM008076.D

Acq: 24 Nov 2016 16:16

Tgt Ion:	202	Resp:	2846
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	30.3
203	19.6	0.0	39.5





#17

Pvrene

Concen: 0.30 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008076.D

Acq: 24 Nov 2016 16:16

Instrument :

BNA_M

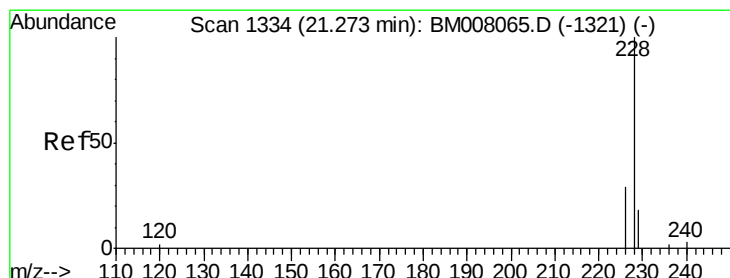
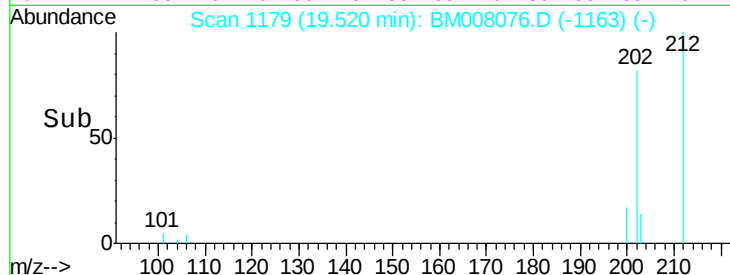
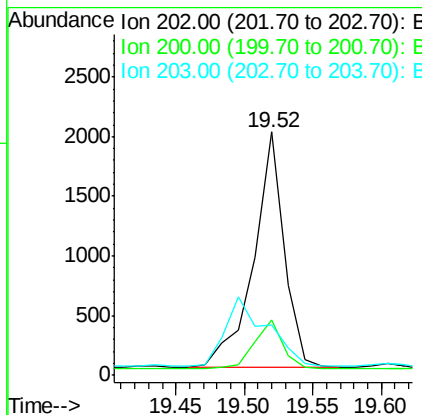
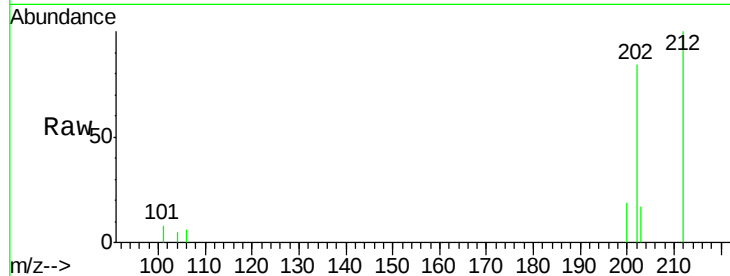
ClientSampled :

A4WE3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		3069		
200	22.6	18.2		27.4	
203	20.7	15.6		23.4	

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:34 PM



#18

Benzo(a)anthracene

Concen: 0.12 ng/ul

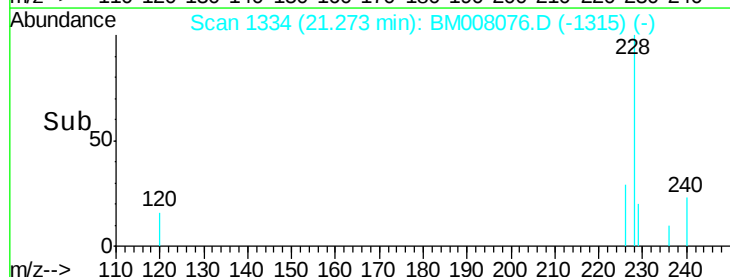
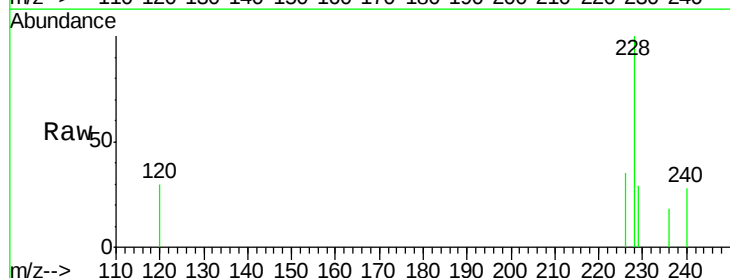
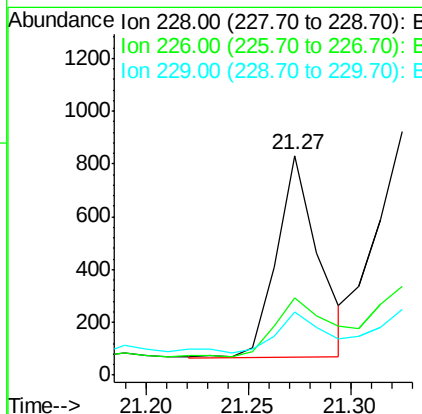
RT: 21.27 min Scan# 1334

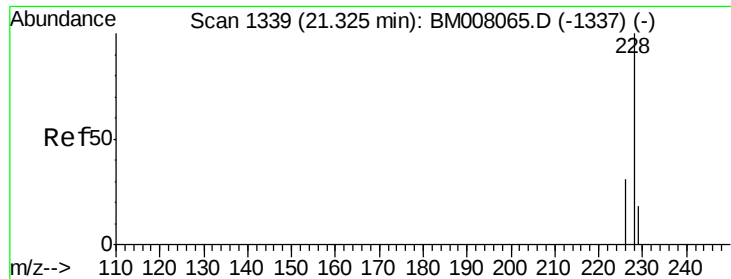
Delta R.T. 0.00 min

Lab File: BM008076.D

Acq: 24 Nov 2016 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1084		
226	35.1	22.8		34.2#	
229	28.6	17.0		25.6#	





#19

Chrysene

Concen: 0.12 ng/ul

RT: 21.33 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008076.D

Acq: 24 Nov 2016 16:16

Instrument :

BNA_M

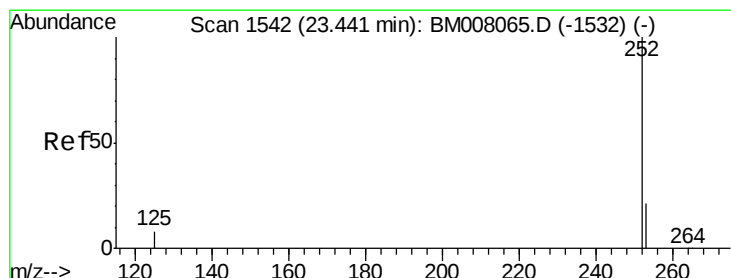
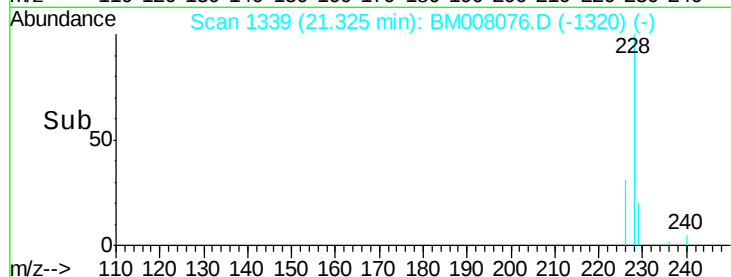
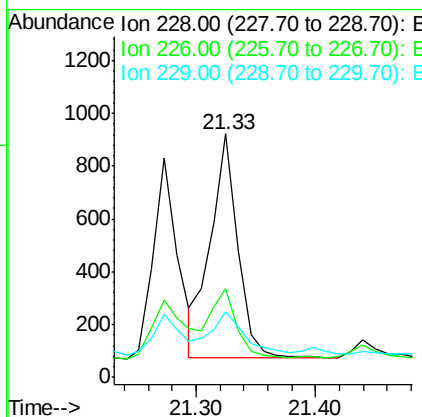
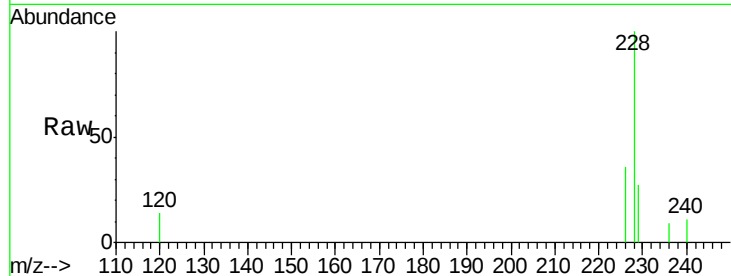
ClientSampleId :

A4WE3

Tot Ion:	228	Resp:	1355
Ion Ratio	Lower	Upper	
228	100		
226	36.3	23.4	35.0#
229	27.1	17.7	26.5#

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:34 PM



#23

Benzo(a)pyrene

Concen: 0.14 ng/ul m

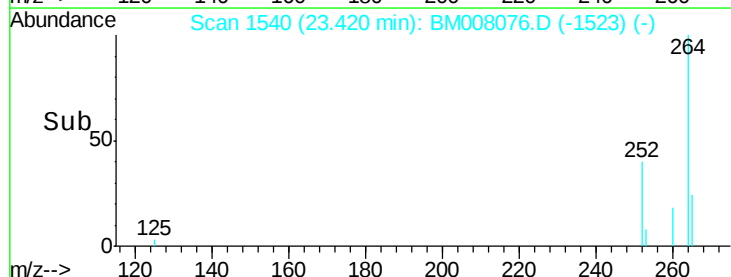
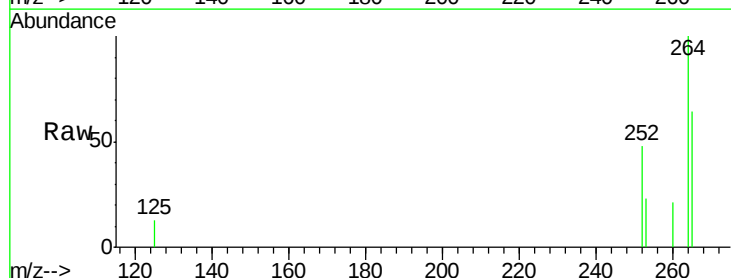
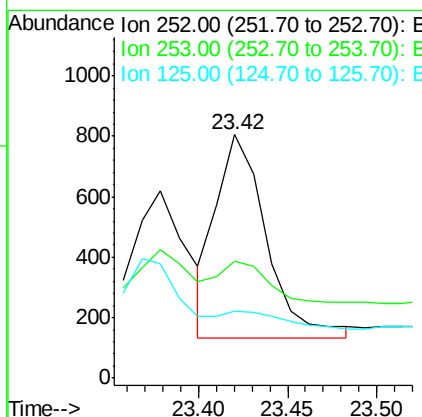
RT: 23.42 min Scan# 1540

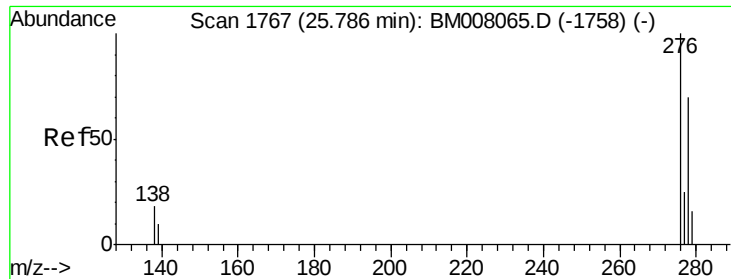
Delta R.T. -0.02 min

Lab File: BM008076.D

Acq: 24 Nov 2016 16:16

Tgt Ion:	252	Resp:	1320
Ion Ratio	Lower	Upper	
252	100		
253	48.1	28.5	42.7#
125	27.7	18.1	27.1#





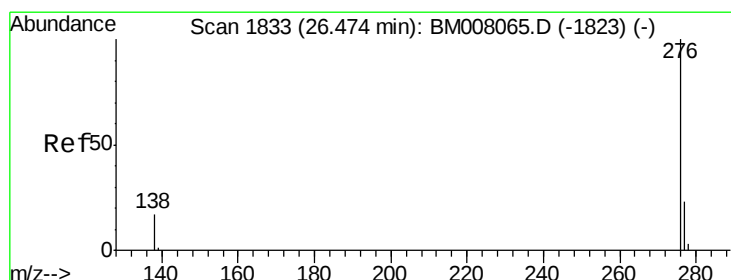
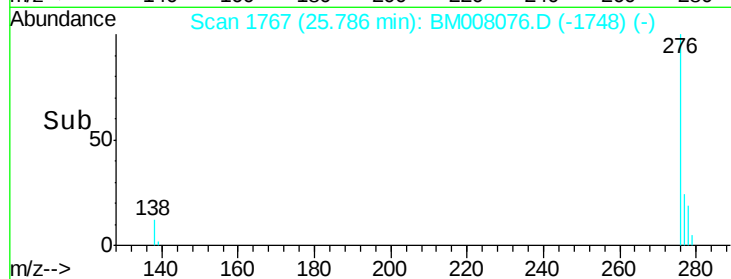
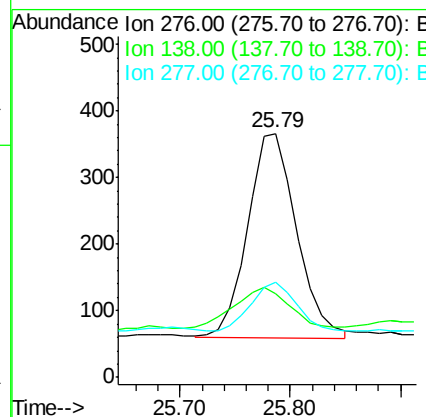
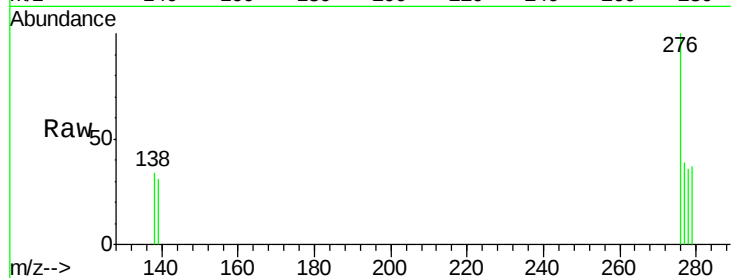
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng/ul m
 RT: 25.79 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BM008076.D
 Acq: 24 Nov 2016 16:16

Instrument :
 BNA_M
 ClientSampleId :
 A4WE3

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	111.7	19.6	29.4#

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:30:34 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.08 ng/ul m
 RT: 26.47 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BM008076.D
 Acq: 24 Nov 2016 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.6	21.8	32.8#
138	36.8	20.5	30.7#

