

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008077.D
 Acq On : 24 Nov 2016 16:52
 Operator : UM/SJ
 Sample : H5701-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WE5

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:30:32 PM

Quant Time: Nov 25 03:45:04 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	684	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2339	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1448	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2867m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2807	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2223m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1049	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2283	0.28	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.12	178	467m	0.05	ng/ul	
15) Fluoranthene	19.16	202	1450	0.13	ng/ul	92
17) Pyrene	19.52	202	1632	0.17	ng/ul#	93
18) Benzo(a)anthracene	21.27	228	557	0.06	ng/ul#	71
19) Chrysene	21.32	228	707	0.07	ng/ul#	76
23) Benzo(a)pyrene	23.42	252	679m	0.08	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	462m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	426m	0.05	ng/ul	

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

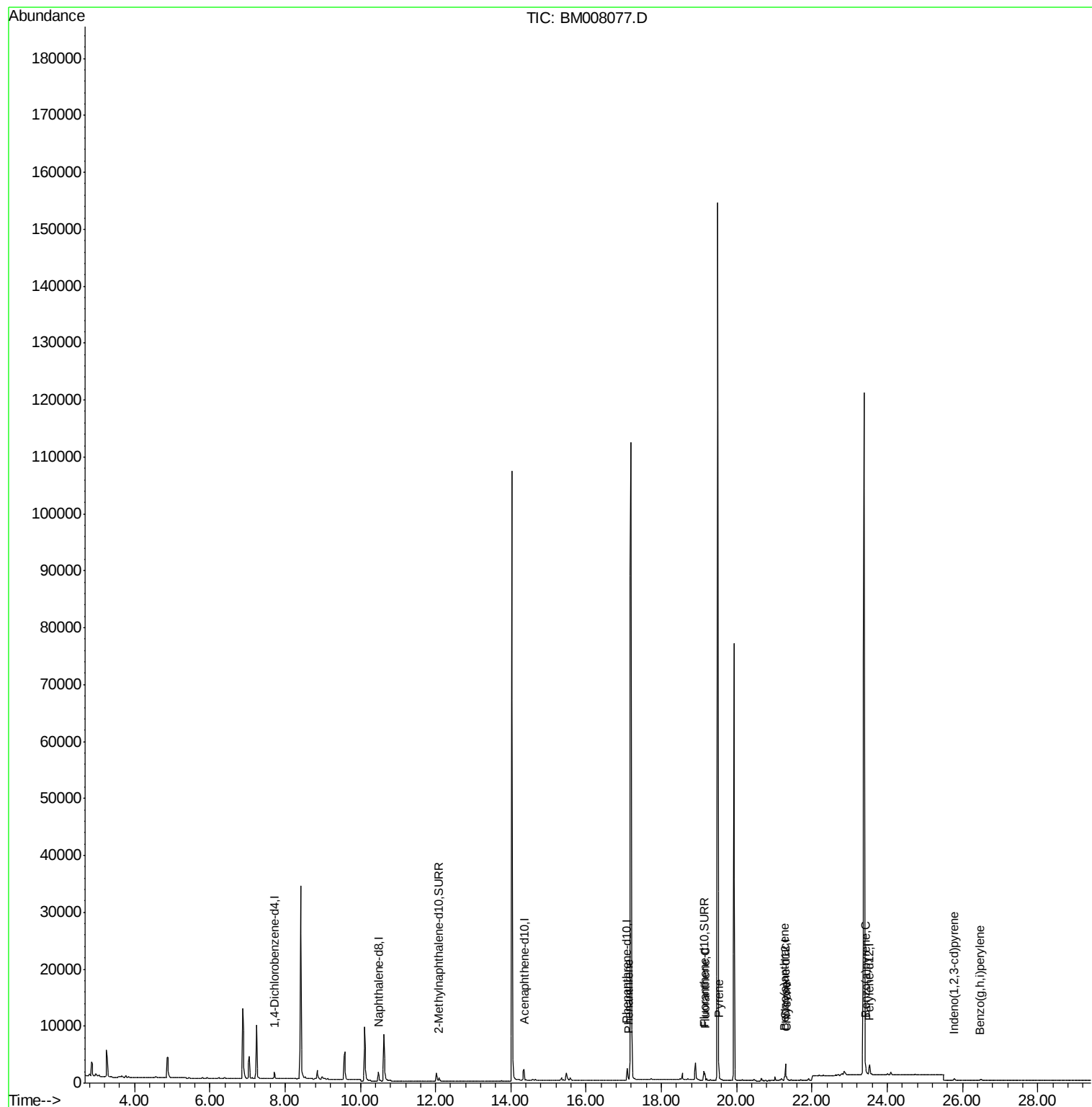
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008077.D
Acq On : 24 Nov 2016 16:52
Operator : UM/SJ
Sample : H5701-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

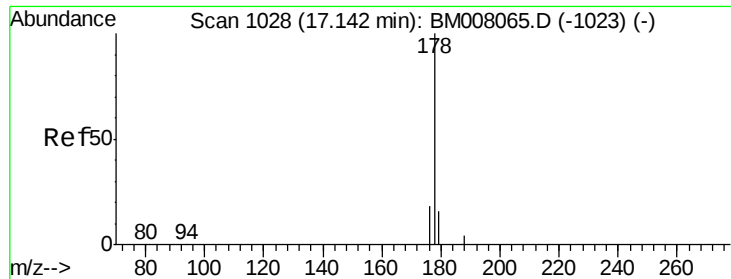
Instrument :
BNA_M
ClientSampleId :
A4WE5

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:32 PM

Quant Time: Nov 25 03:45:04 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: 0.05 ng/ul m

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008077.D

Acq: 24 Nov 2016 16:52

Instrument :

BNA_M

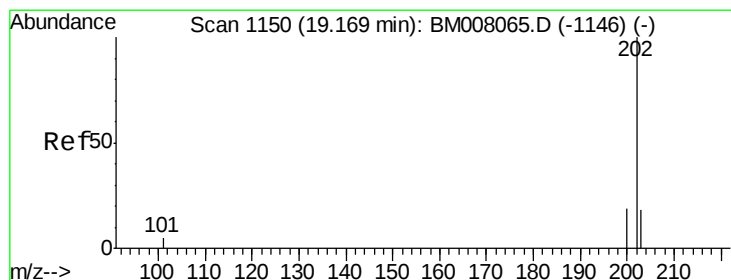
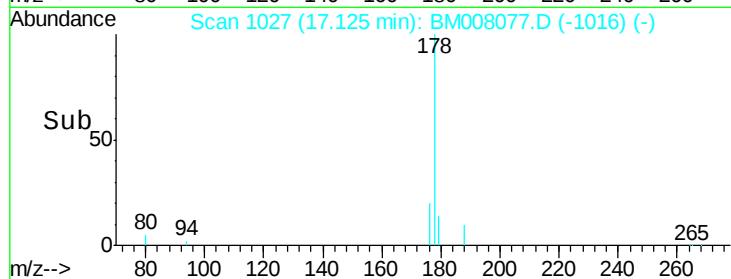
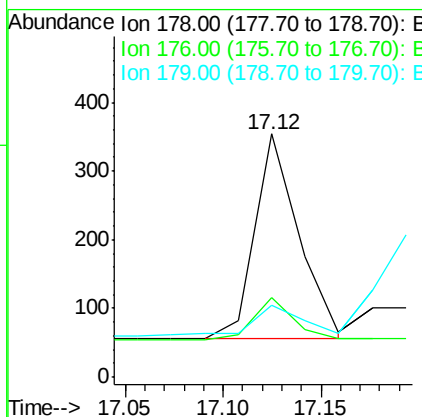
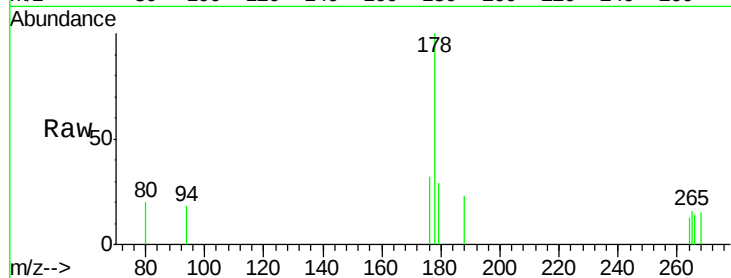
ClientSampleId :

A4WE5

Tot Ion:178	Resp:	467
Ion Ratio	Lower	Upper
178	100	
176	32.5	18.4 27.6#
179	29.4	13.6 20.4#

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:32 PM



#15

Fluoranthene

Concen: 0.13 ng/ul

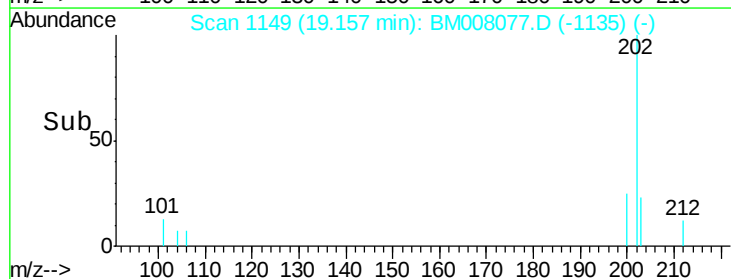
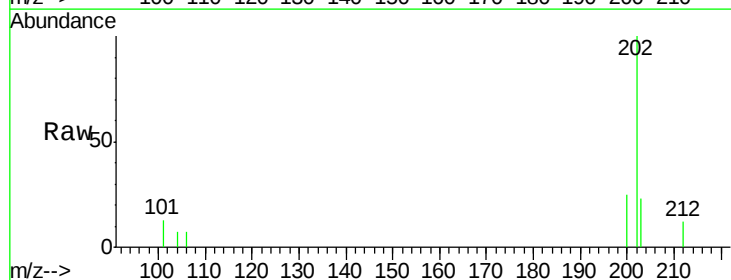
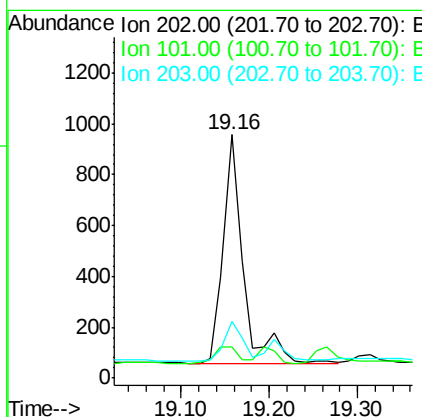
RT: 19.16 min Scan# 1149

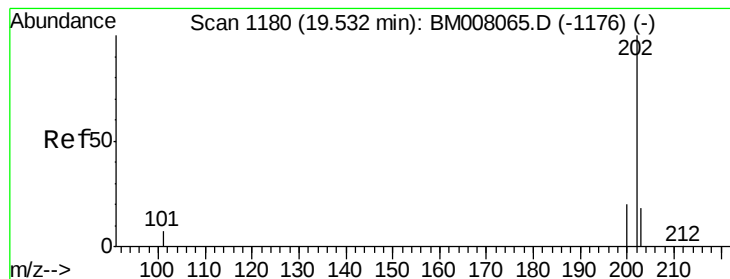
Delta R.T. -0.01 min

Lab File: BM008077.D

Acq: 24 Nov 2016 16:52

Tgt Ion:202	Resp:	1450
Ion Ratio	Lower	Upper
202	100	
101	12.7	0.0 30.3
203	23.4	0.0 39.5





#17

Pvrene

Concen: 0.17 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008077.D

Acq: 24 Nov 2016 16:52

Instrument :

BNA_M

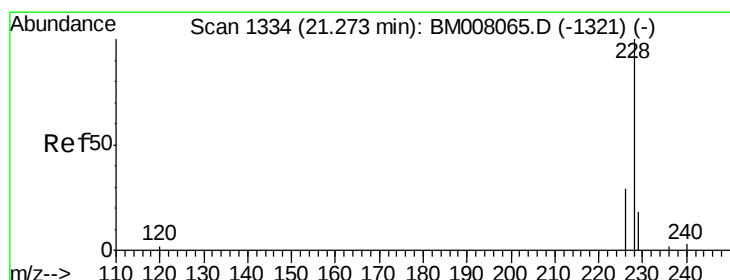
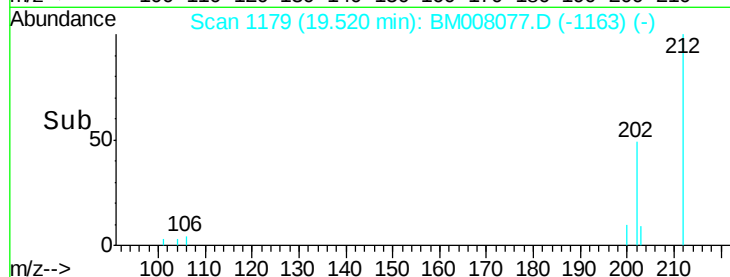
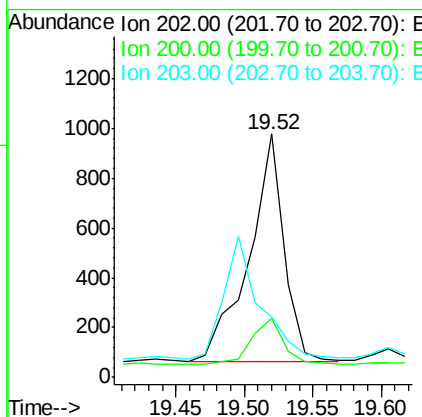
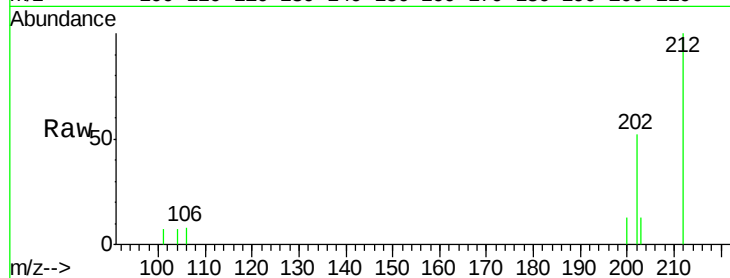
ClientSampleId :

A4WE5

Tot Ion:	202	Resp:	1632
Ion Ratio	Lower	Upper	
202	100		
200	24.3	18.2	27.4
203	25.2	15.6	23.4#

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:32 PM



#18

Benzo(a)anthracene

Concen: 0.06 ng/ul

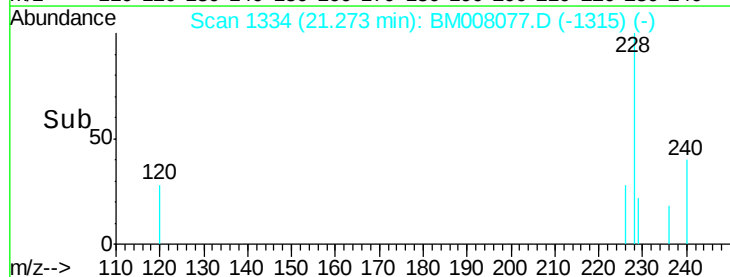
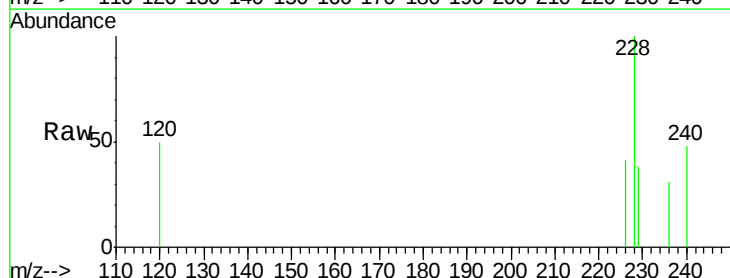
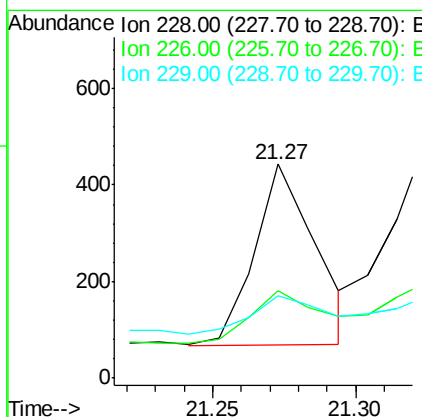
RT: 21.27 min Scan# 1334

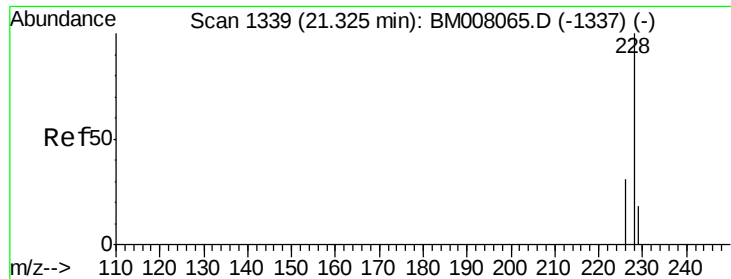
Delta R.T. 0.00 min

Lab File: BM008077.D

Acq: 24 Nov 2016 16:52

Tgt Ion:	228	Resp:	557
Ion Ratio	Lower	Upper	
228	100		
226	40.6	22.8	34.2#
229	38.4	17.0	25.6#





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008077.D

Acq: 24 Nov 2016 16:52

Instrument :

BNA_M

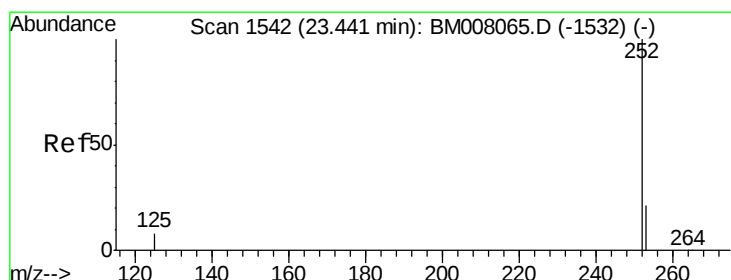
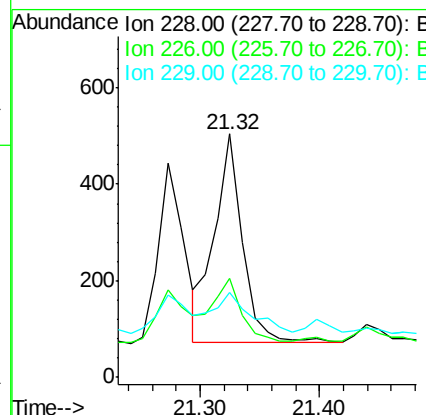
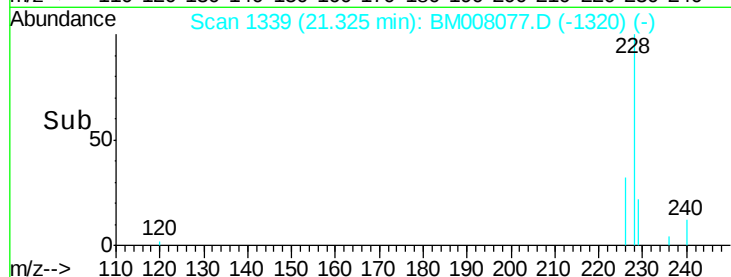
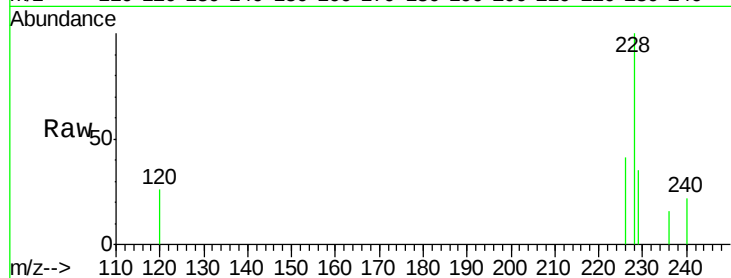
ClientSampleId :

A4WE5

Tot Ion:228	Resp:	707
Ion Ratio	Lower	Upper
228	100	
226	40.7	23.4 35.0#
229	34.9	17.7 26.5#

Manual Integrations
APPROVED

Umangi
11/28/2016 5:30:32 PM



#23

Benzo(a)pyrene

Concen: 0.08 ng/ul m

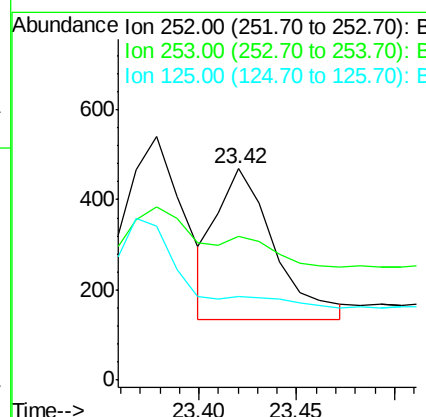
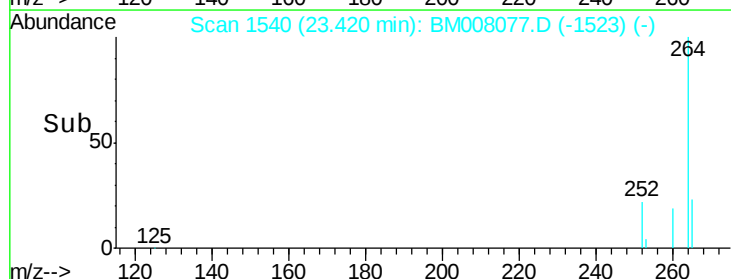
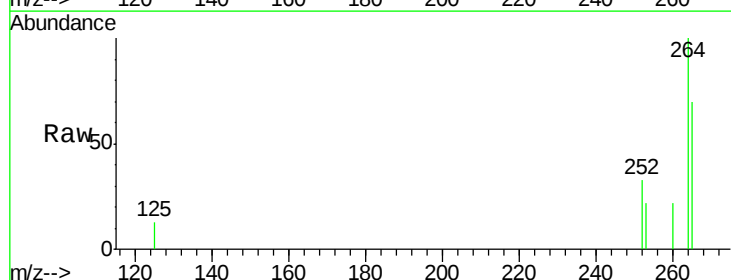
RT: 23.42 min Scan# 1540

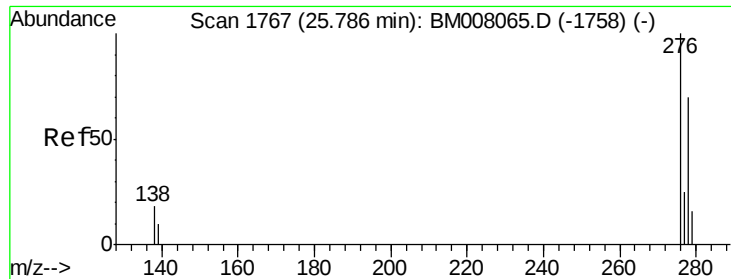
Delta R.T. -0.02 min

Lab File: BM008077.D

Acq: 24 Nov 2016 16:52

Tgt Ion:252	Resp:	679
Ion Ratio	Lower	Upper
252	100	
253	67.8	28.5 42.7#
125	39.9	18.1 27.1#





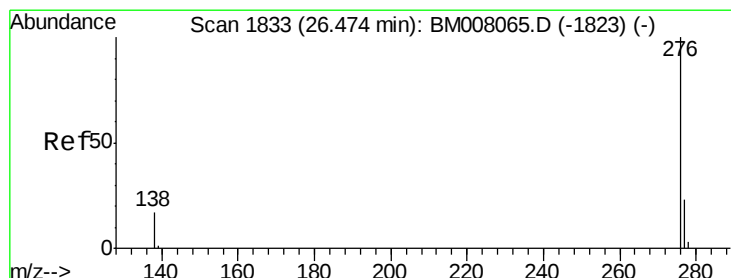
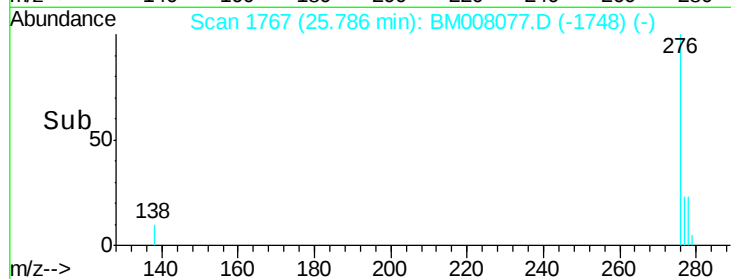
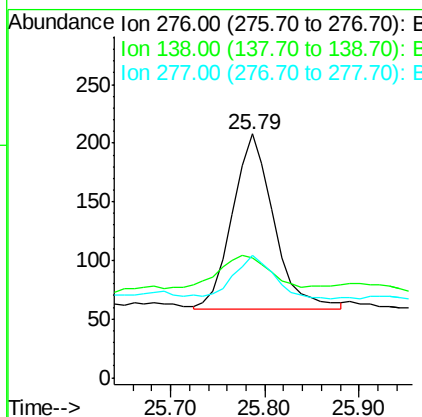
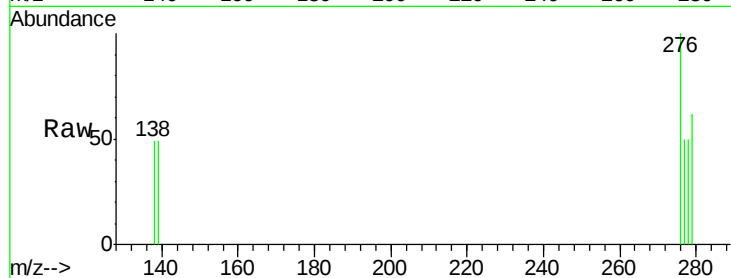
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul m
 RT: 25.79 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BM008077.D
 Acq: 24 Nov 2016 16:52

Instrument :
 BNA_M
 ClientSampleId :
 A4WE5

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	231.8	19.6	29.4#

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:30:32 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.05 ng/ul m
 RT: 26.47 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BM008077.D
 Acq: 24 Nov 2016 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	56.2	21.8	32.8#
138	56.2	20.5	30.7#

