

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008055.D
 Acq On : 24 Nov 2016 03:47
 Operator : UM/SJ
 Sample : H5694-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS2

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:28:24 PM

Quant Time: Nov 28 10:43:08 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	771	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2603	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1625	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2968m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2731	0.40	ng/ul	0.01
20) Perylene-d12	23.55	264	2707	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	693	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	1477	0.18	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.54	128	1522	0.21	ng/ul	94
5) 2-Methylnaphthalene	12.15	142	1380	0.29	ng/ul	98
12) Phenanthrene	17.12	178	1920m	0.21	ng/ul	
17) Pyrene	19.52	202	3223	0.34	ng/ul#	28
18) Benzo(a)anthracene	21.28	228	1365	0.16	ng/ul#	11
19) Chrysene	21.34	228	1767	0.17	ng/ul#	27
24) Indeno(1,2,3-cd)pyrene	25.79	276	1443	0.12	ng/ul#	90
26) Benzo(g,h,i)perylene	26.47	276	1751	0.16	ng/ul#	44

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

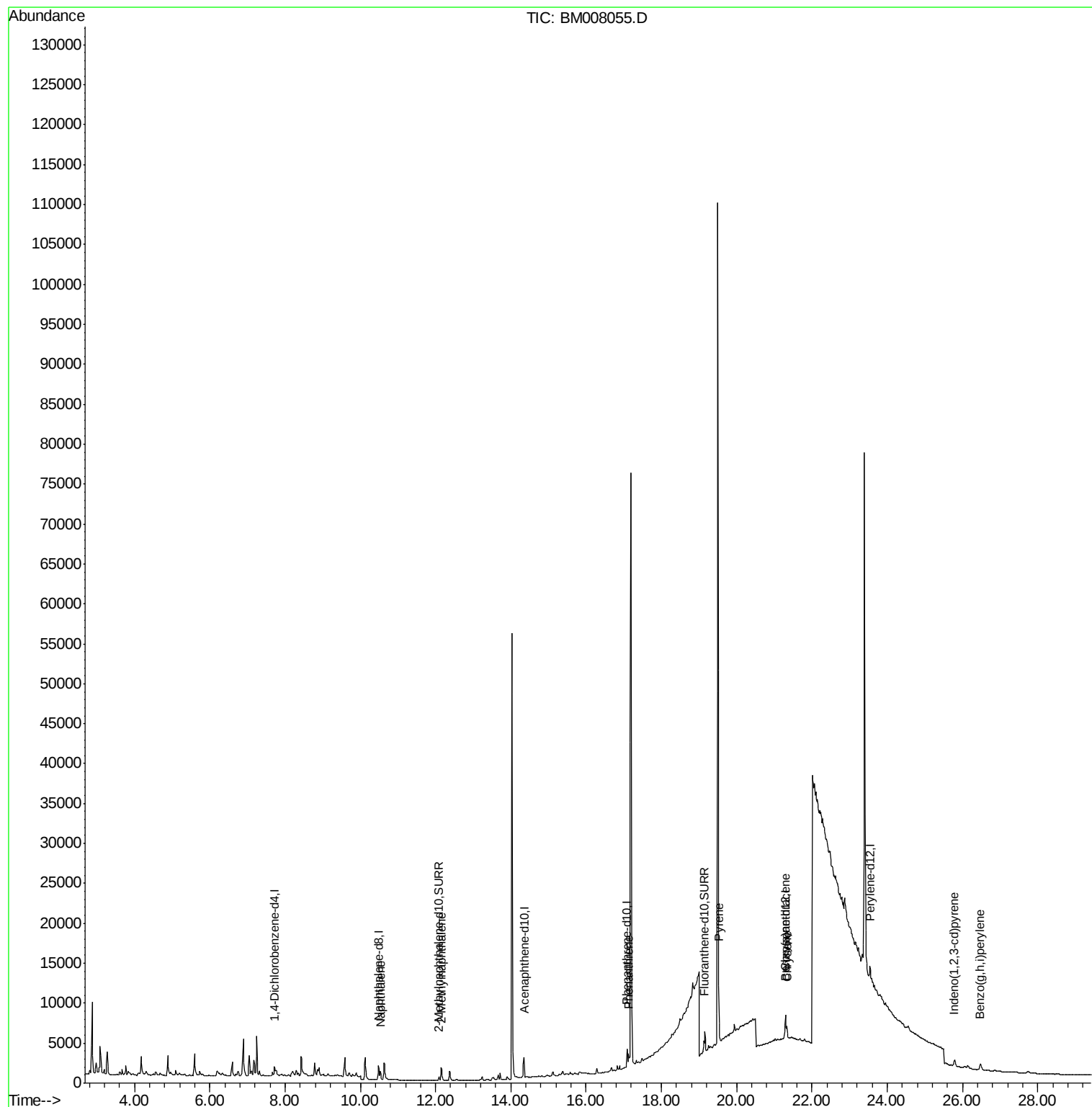
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008055.D
Acq On : 24 Nov 2016 03:47
Operator : UM/SJ
Sample : H5694-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

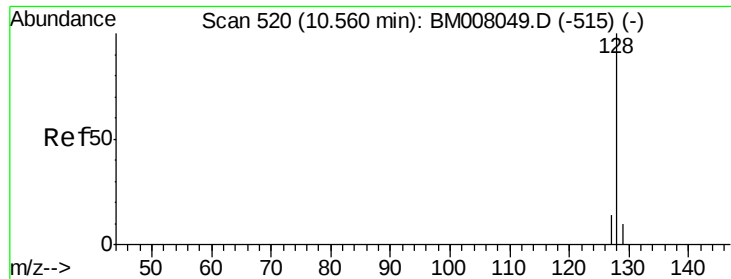
Instrument :
BNA_M
ClientSampleId :
JHSS2

Manual Integrations
APPROVED

Umangi
11/28/2016 5:28:24 PM

Quant Time: Nov 28 10:43:08 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





#3

Naphthalene

Concen: 0.21 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.01 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

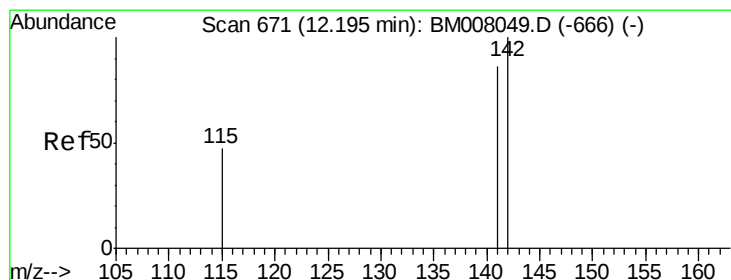
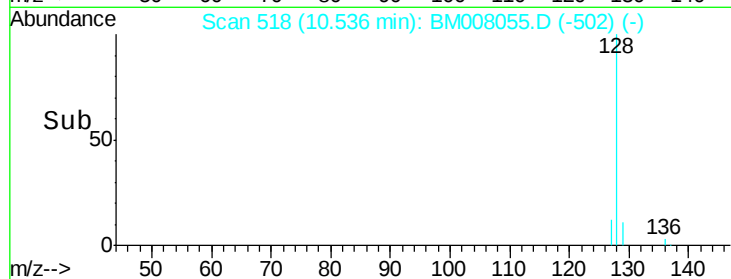
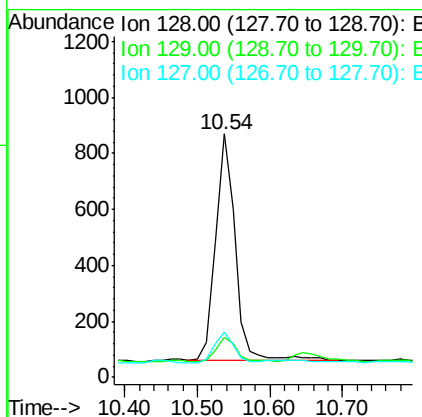
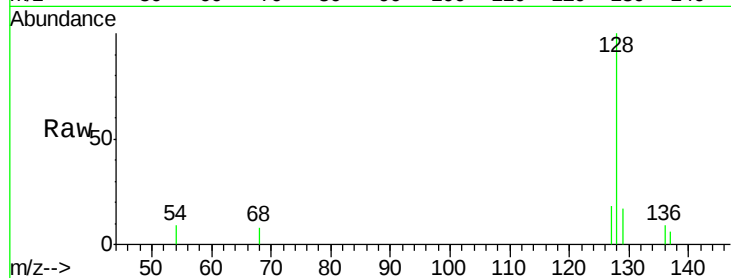
ClientSampleId :

JHSS2

Tot Ion:	128	Resp:	1522
Ion	Ratio	Lower	Upper
128	100		
129	16.7	11.3	16.9
127	18.4	12.8	19.2

Manual Integrations
APPROVED

Umangi
11/28/2016 5:28:24 PM



#5

2-Methylnaphthalene

Concen: 0.29 ng/ul

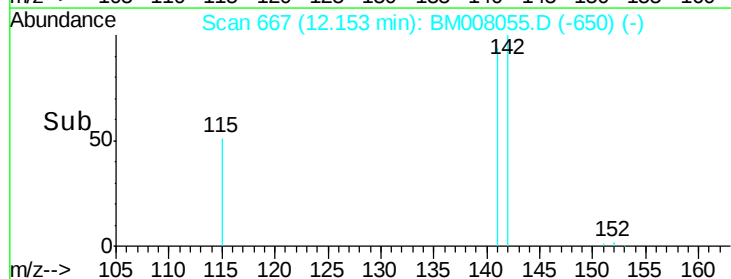
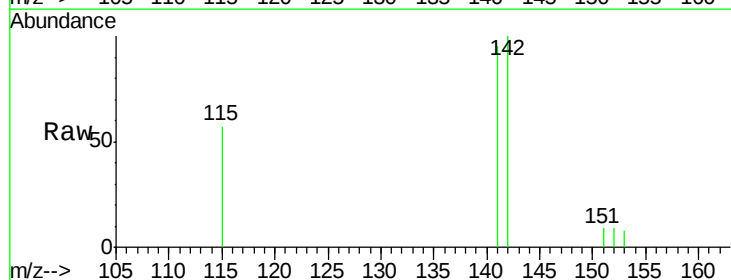
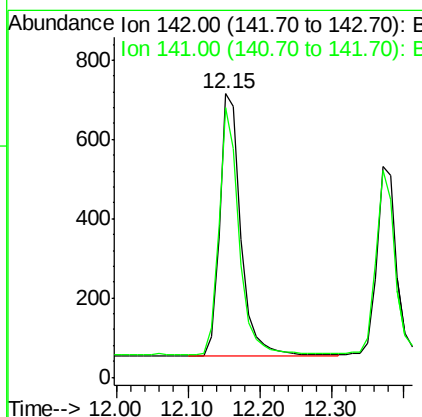
RT: 12.15 min Scan# 667

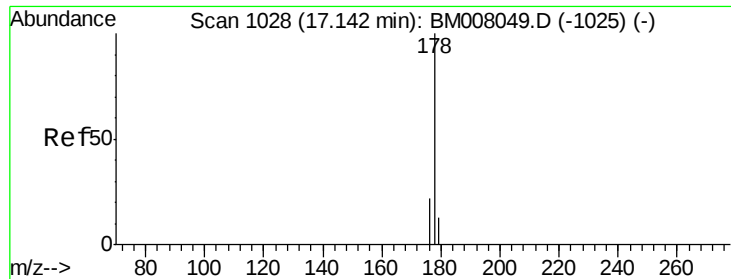
Delta R.T. -0.02 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Tgt Ion:	142	Resp:	1380
Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#12

Phenanthrene

Concen: 0.21 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

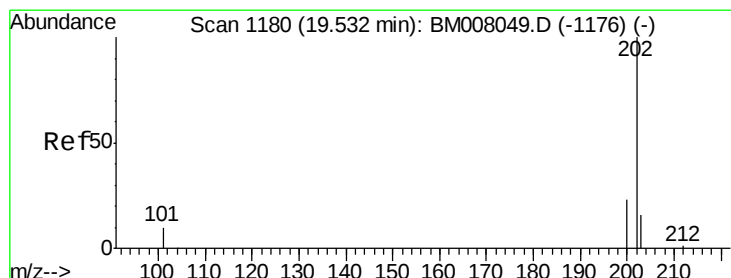
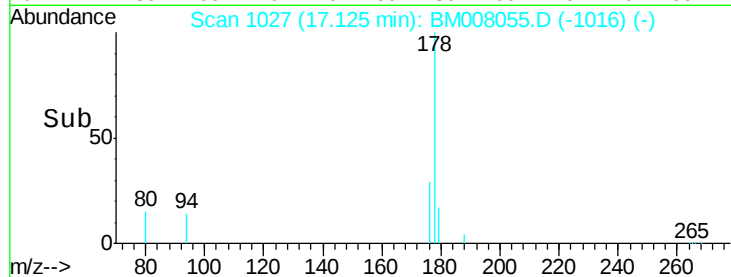
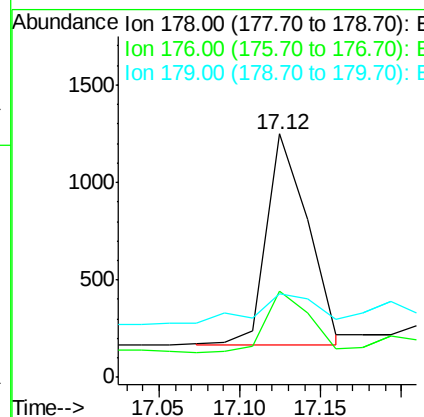
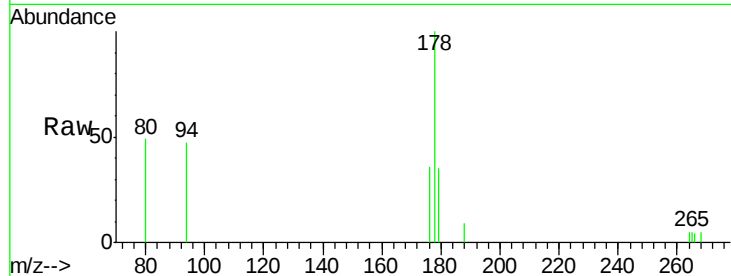
ClientSampleId :

JHSS2

Tot Ion	Ratio	Lower	Upper
178	100		
176	35.5	18.4	27.6#
179	34.5	13.6	20.4#

Manual Integrations
APPROVED

Umangi
11/28/2016 5:28:24 PM



#17

Pyrene

Concen: 0.34 ng/ul

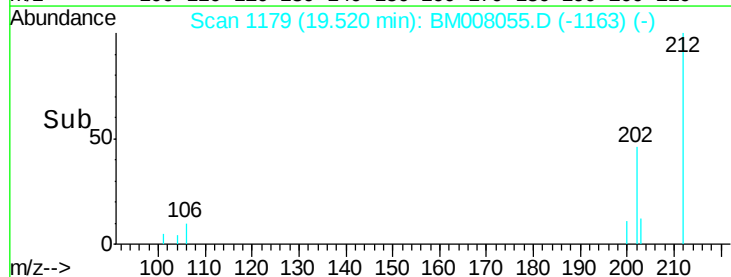
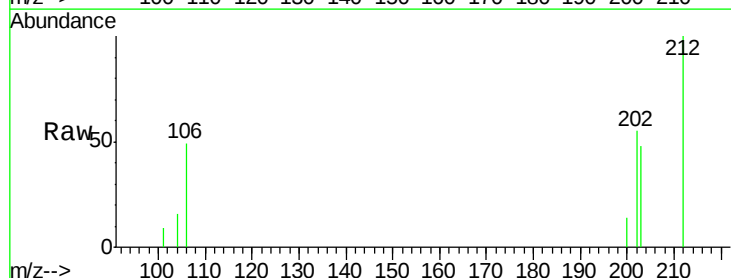
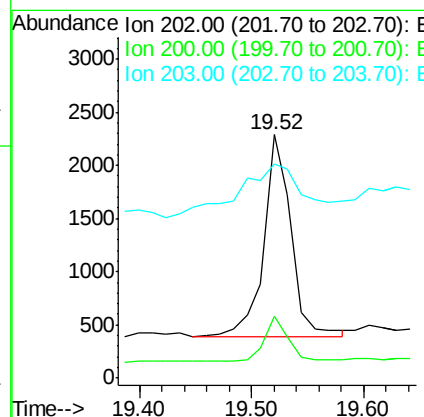
RT: 19.52 min Scan# 1179

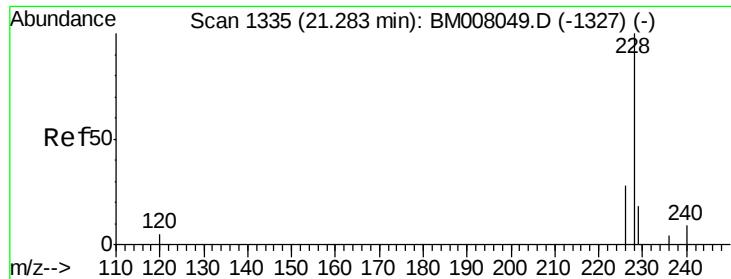
Delta R.T. -0.01 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.4	18.2	27.4
203	88.1	15.6	23.4#





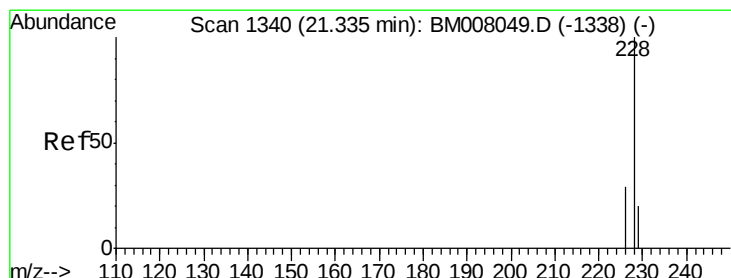
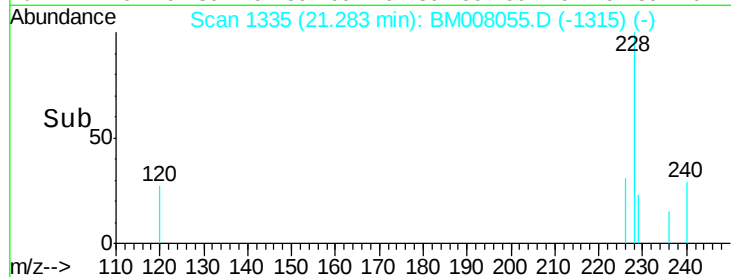
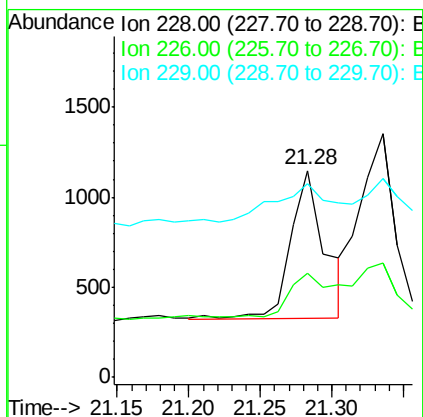
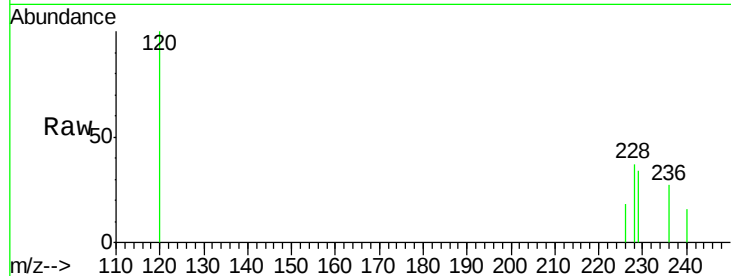
#18
Benzo(a)anthracene
Concen: 0.16 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BM008055.D
Acq: 24 Nov 2016 03:47

Instrument :
BNA_M
ClientSampleId :
JHSS2

Tot Ion	Ratio	Lower	Upper
228	100		
226	50.2	22.8	34.2#
229	93.5	17.0	25.6#

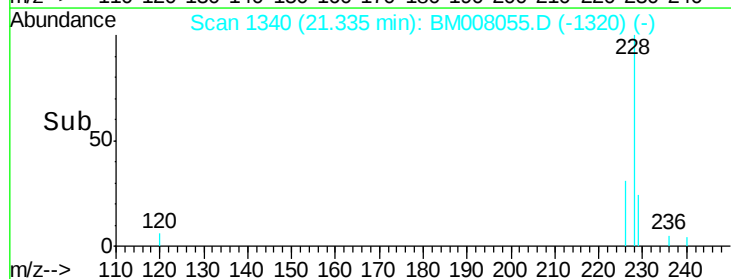
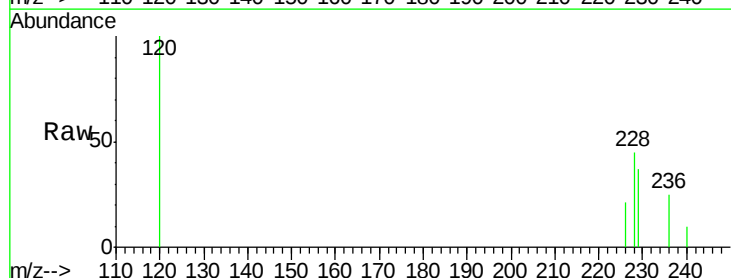
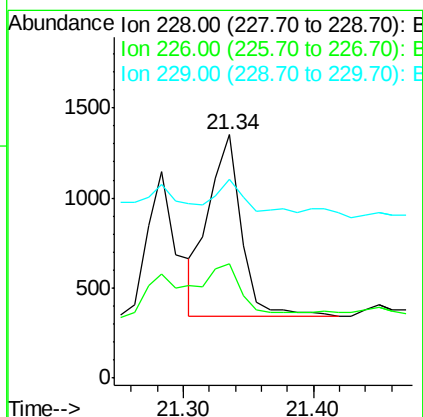
Manual Integrations
APPROVED

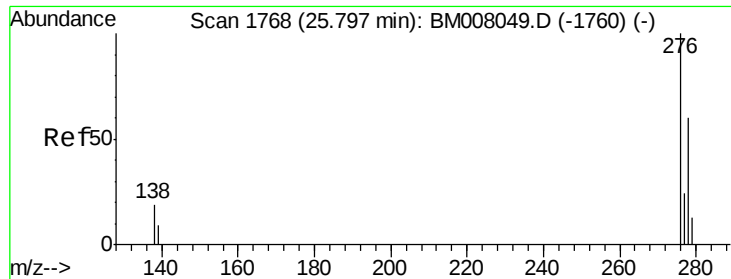
Umangi
11/28/2016 5:28:24 PM



#19
Chrysene
Concen: 0.17 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BM008055.D
Acq: 24 Nov 2016 03:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	47.2	23.4	35.0#
229	81.9	17.7	26.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul

RT: 25.79 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BM008055.D

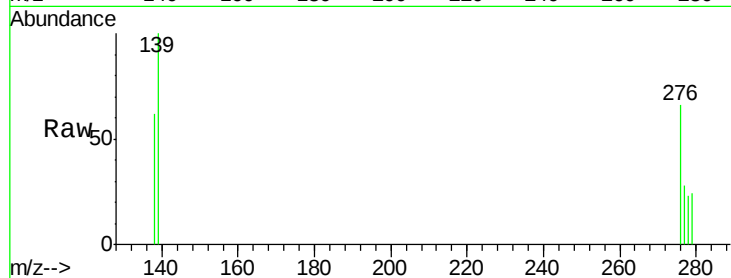
Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampled :

JHSS2



Tot Ion:276 Resp: 1443

Ion Ratio Lower Upper

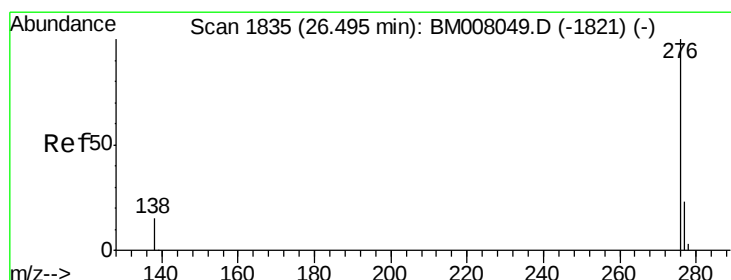
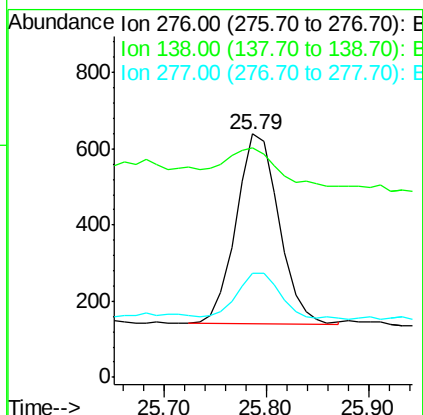
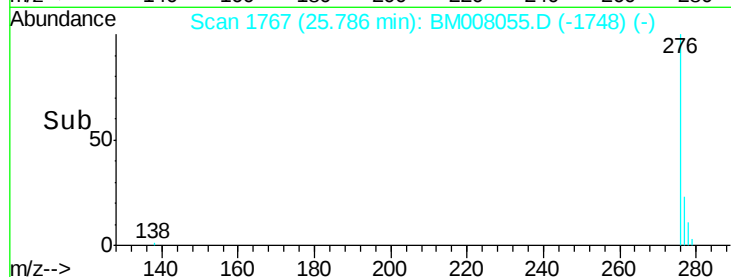
276 100

138 32.7 19.1 28.7#

277 25.2 19.6 29.4

Manual Integrations
APPROVED

Umangi
11/28/2016 5:28:24 PM



#26

Benzo(g,h,i)perylene

Concen: 0.16 ng/ul

RT: 26.47 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Tgt Ion:276 Resp: 1751

Ion Ratio Lower Upper

276 100

277 39.6 21.8 32.8#

138 71.3 20.5 30.7#

