

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
 Data File : BM008093.D
 Acq On : 28 Nov 2016 19:08
 Operator : UM/SJ
 Sample : H5695-07DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST4DL

Manual Integrations
 APPROVED

UMANGI
 11/29/2016 2:22:50 PM

Quant Time: Nov 29 00:27:49 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:11:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	559	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1981	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1137	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2160	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2157	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2016	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	127	0.05	ng/ul	0.02
14) Fluoranthene-d10	19.13	212	302	0.05	ng/ul	-0.01
Target Compounds						
12) Phenanthrene	17.14	178	1232	0.18	ng/ul#	92
13) Anthracene	17.23	178	333	0.05	ng/ul#	60
15) Fluoranthene	19.16	202	3756	0.43	ng/ul	97
17) Pyrene	19.52	202	3801	0.51	ng/ul	96
18) Benzo(a)anthracene	21.27	228	1760	0.27	ng/ul#	66
19) Chrysene	21.32	228	1735	0.21	ng/ul#	72
21) Benzo(b)fluoranthene	22.87	252	2041m	0.25	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	773m	0.09	ng/ul	
23) Benzo(a)pyrene	23.43	252	1639	0.22	ng/ul#	59
24) Indeno(1,2,3-cd)pyrene	25.80	276	1140	0.12	ng/ul#	92

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

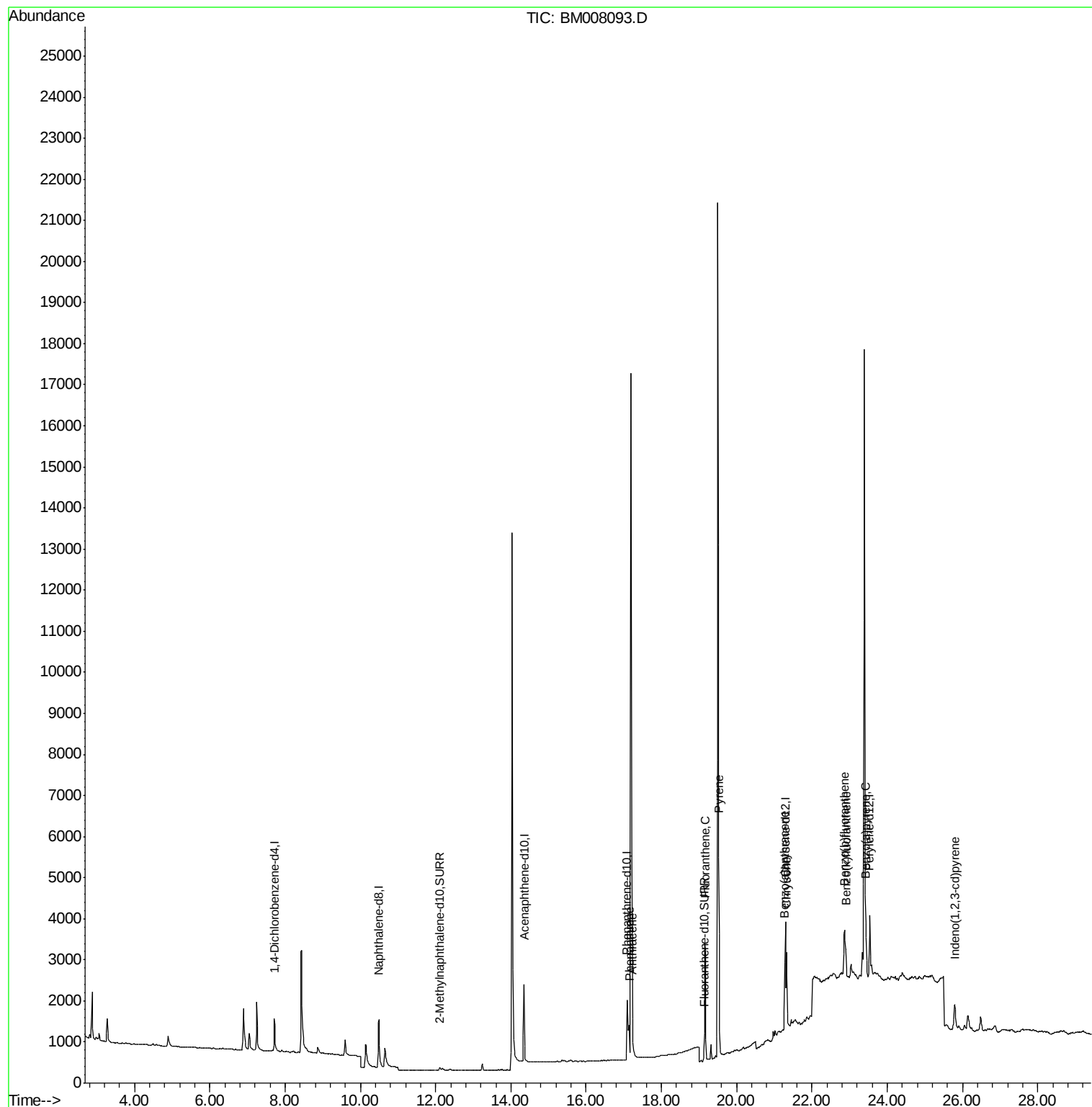
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
Data File : BM008093.D
Acq On : 28 Nov 2016 19:08
Operator : UM/SJ
Sample : H5695-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

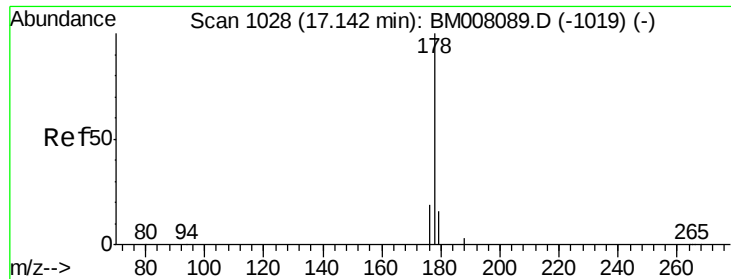
Instrument :
BNA_M
ClientSampleId :
JHST4DL

Manual Integrations
APPROVED

UMANGI
11/29/2016 2:22:50 PM

Quant Time: Nov 29 00:27:49 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:11:14 2016
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.18 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM008093.D

Acq: 28 Nov 2016 19:08

Instrument :

BNA_M

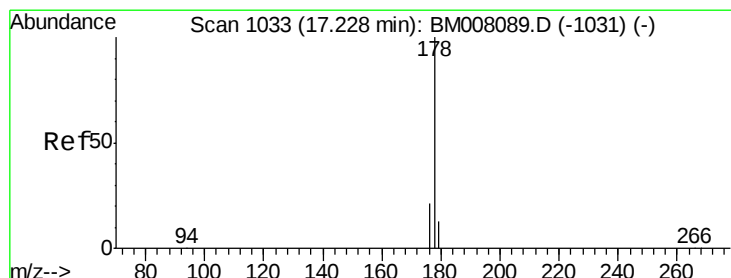
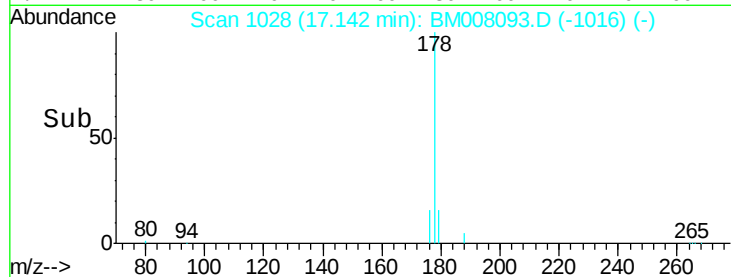
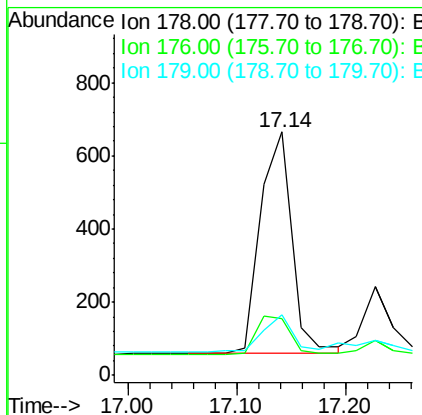
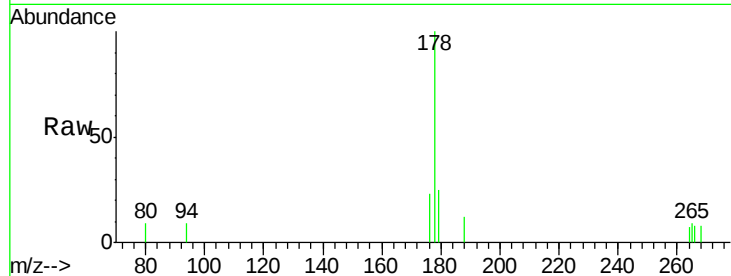
ClientSampleId :

JHST4DL

Tot Ion:	178	Resp:	1232
Ion Ratio	Lower	Upper	
178	100		
176	23.4	18.4	27.6
179	24.6	13.6	20.4#

Manual Integrations
APPROVED

UMANGI
11/29/2016 2:22:50 PM



#13

Anthracene

Concen: 0.05 ng/ul

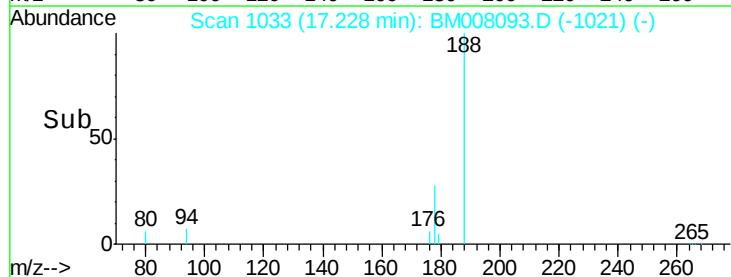
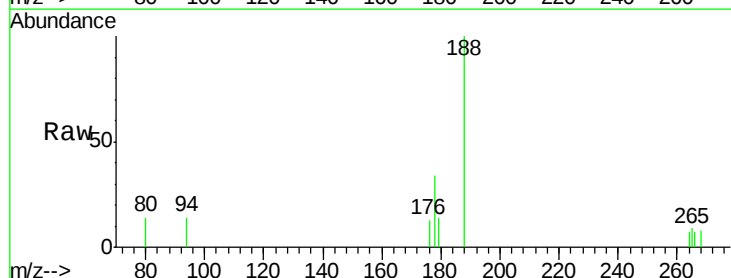
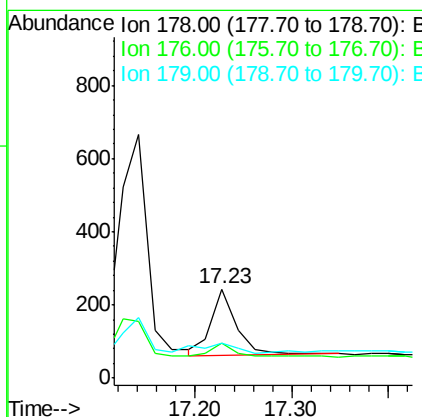
RT: 17.23 min Scan# 1033

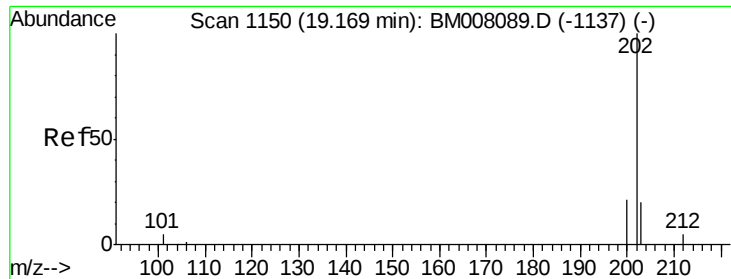
Delta R.T. -0.00 min

Lab File: BM008093.D

Acq: 28 Nov 2016 19:08

Tgt Ion:	178	Resp:	333
Ion Ratio	Lower	Upper	
178	100		
176	38.5	18.1	27.1#
179	39.8	14.7	22.1#





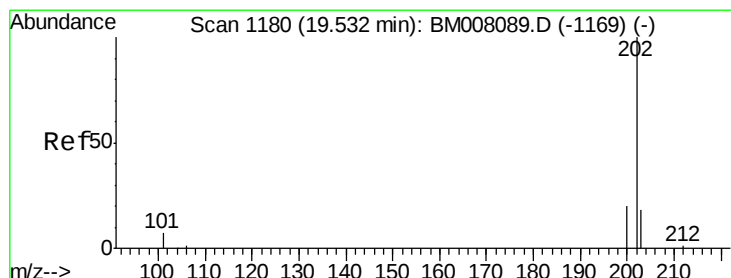
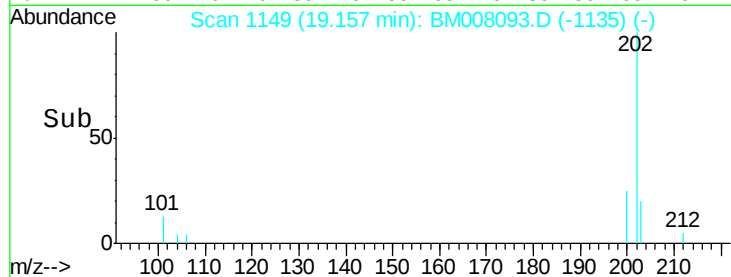
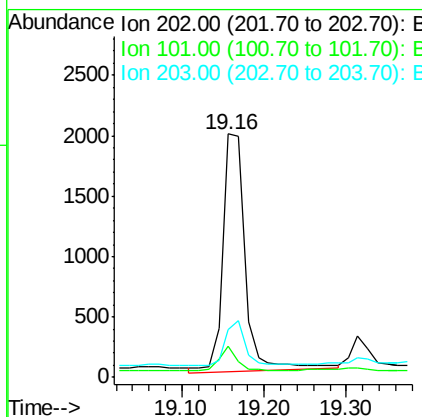
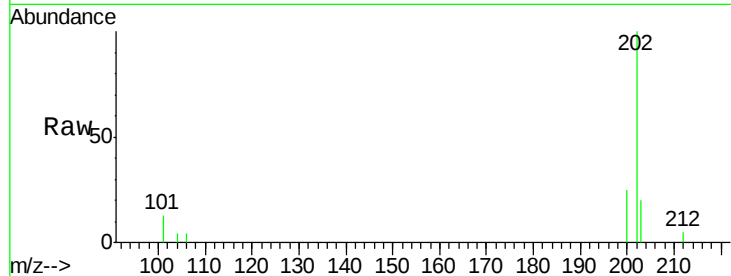
#15
Fluoranthene
 Concen: 0.43 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008093.D
 Acq: 28 Nov 2016 19:08

Instrument :
 BNA_M
 ClientSampleId :
 JHST4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3756		
101	12.9		0.0	30.3
203	19.8		0.0	39.5

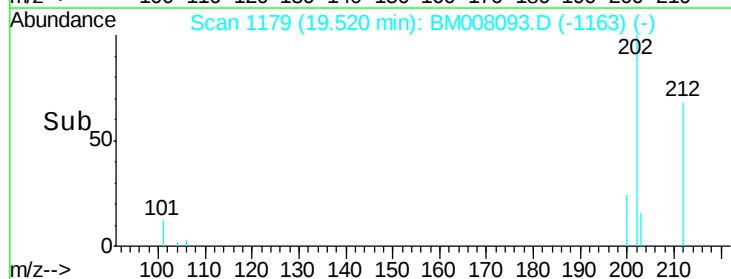
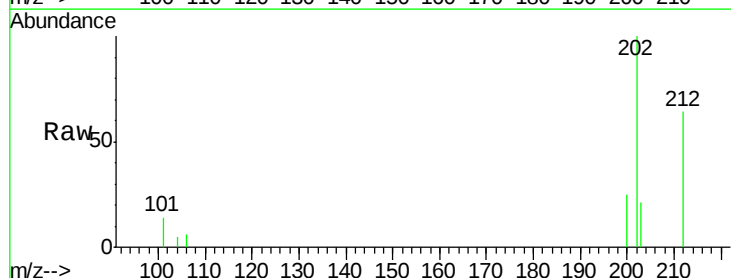
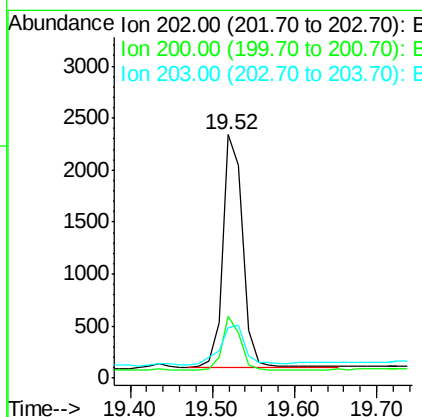
Manual Integrations
 APPROVED

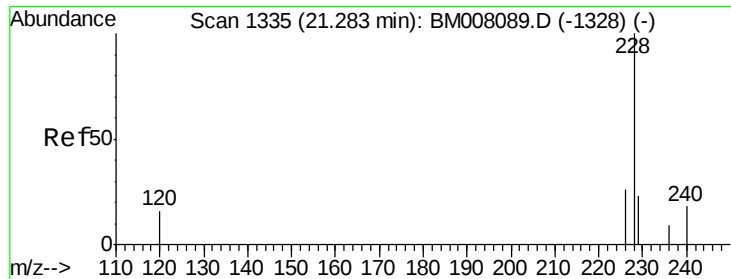
UMANGI
 11/29/2016 2:22:50 PM



#17
Pyrene
 Concen: 0.51 ng/ul
 RT: 19.52 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BM008093.D
 Acq: 28 Nov 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3801		
200	25.4		18.2	27.4
203	20.8		15.6	23.4





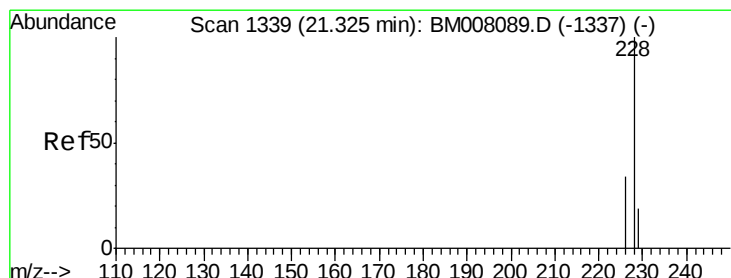
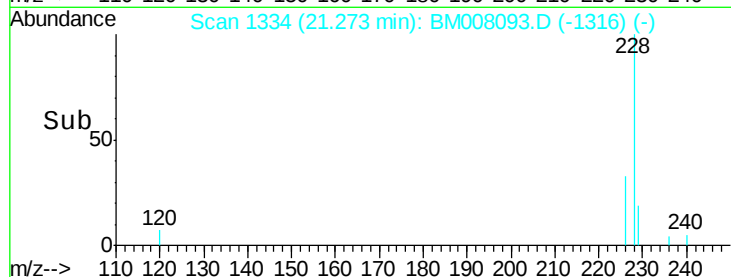
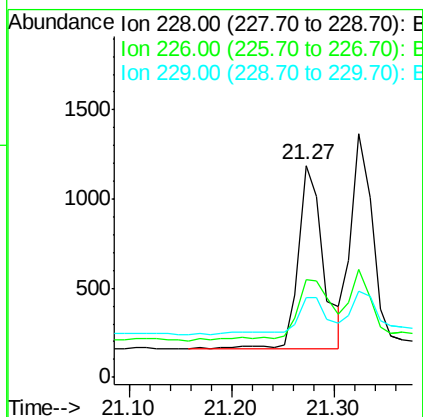
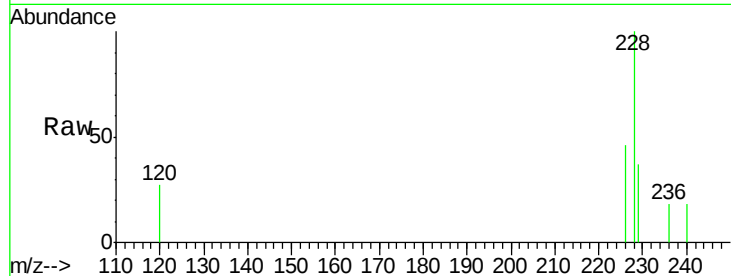
#18
Benzo(a)anthracene
Concen: 0.27 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008093.D
Acq: 28 Nov 2016 19:08

Instrument :
BNA_M
ClientSampleId :
JHST4DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	46.3	22.8	34.2#
229	37.4	17.0	25.6#

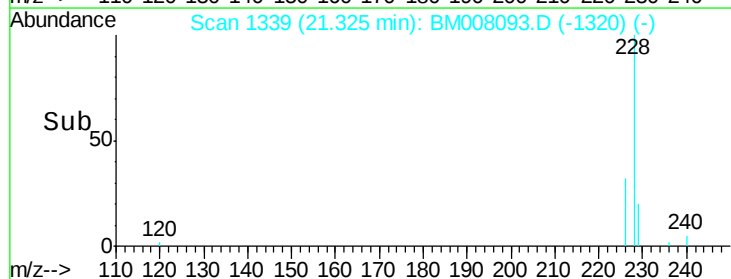
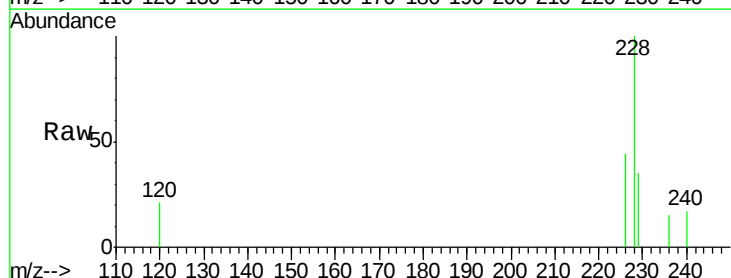
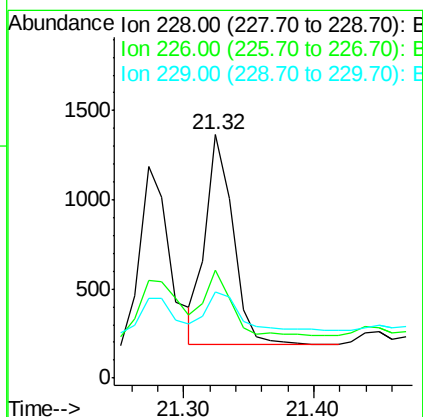
Manual Integrations
APPROVED

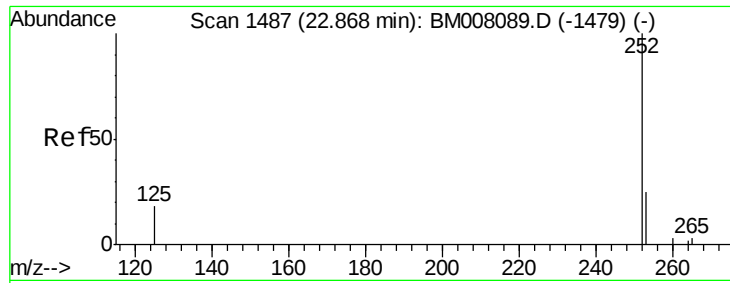
UMANGI
11/29/2016 2:22:50 PM



#19
Chrysene
Concen: 0.21 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM008093.D
Acq: 28 Nov 2016 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.1	23.4	35.0#
229	35.3	17.7	26.5#





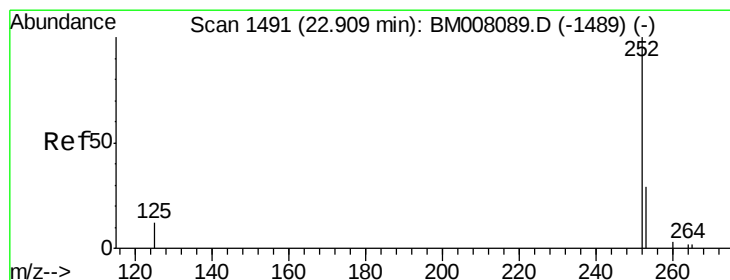
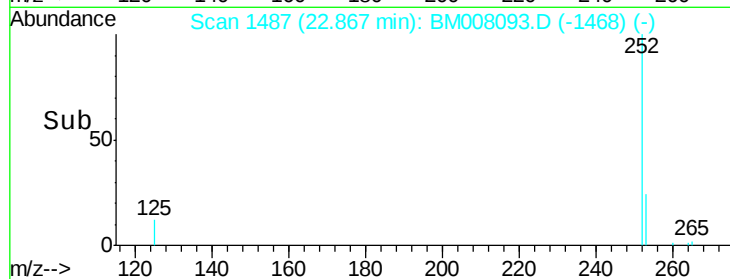
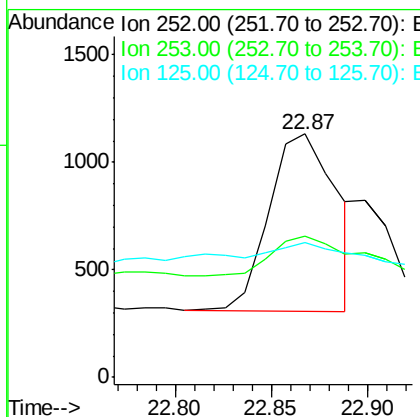
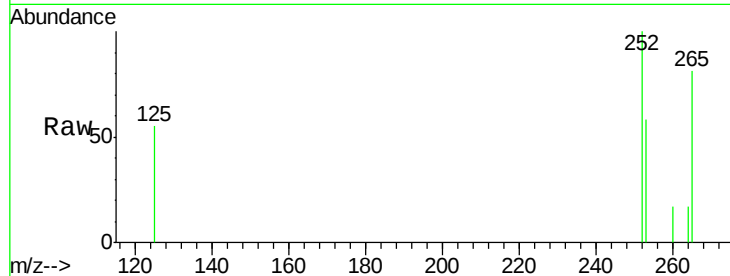
#21
Benzo(b)fluoranthene
Concen: 0.25 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BM008093.D
Acq: 28 Nov 2016 19:08

Instrument :
BNA_M
ClientSampleId :
JHST4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	58.0	0.0	64.2
125	55.3	0.0	35.0

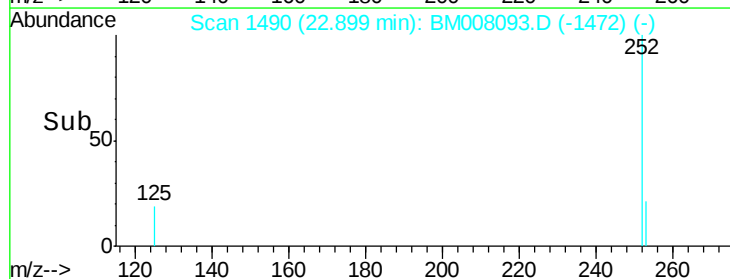
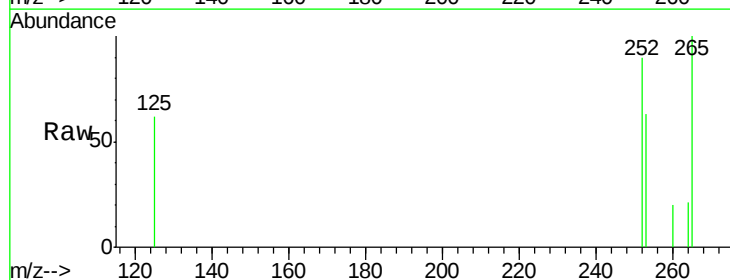
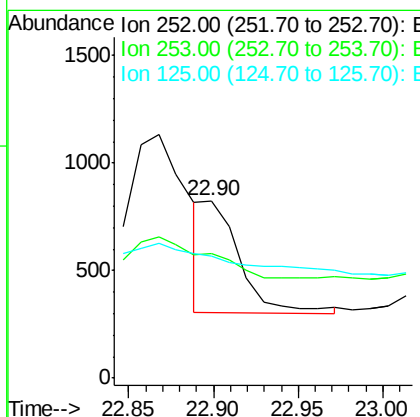
Manual Integrations
APPROVED

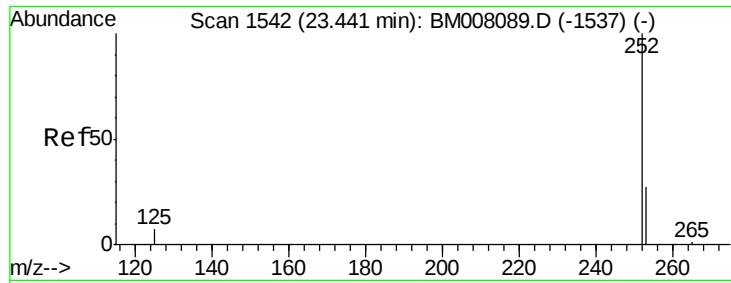
UMANGI
11/29/2016 2:22:50 PM



#22
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM008093.D
Acq: 28 Nov 2016 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	70.1	24.5	36.7
125	68.7	13.7	20.5





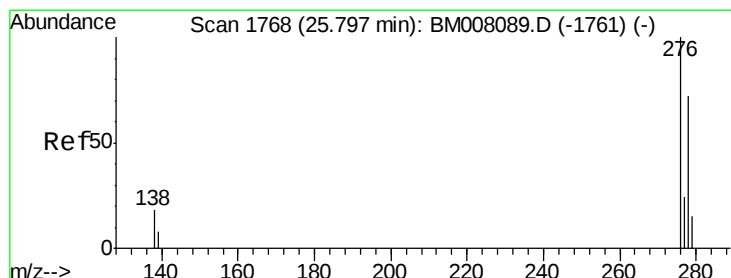
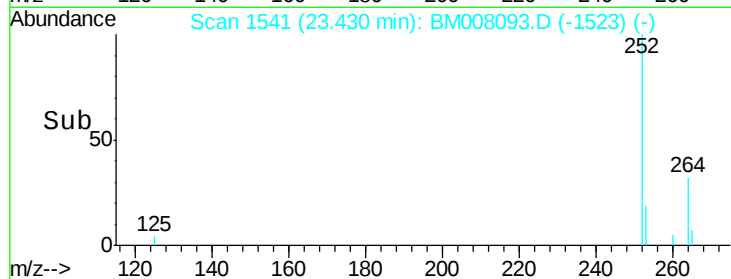
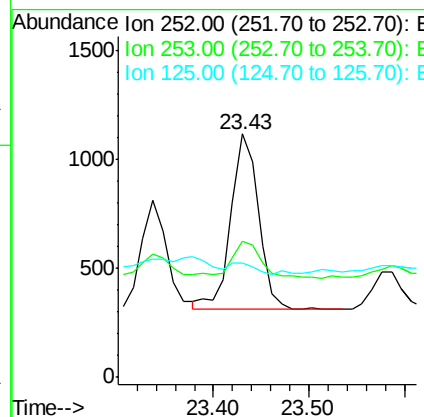
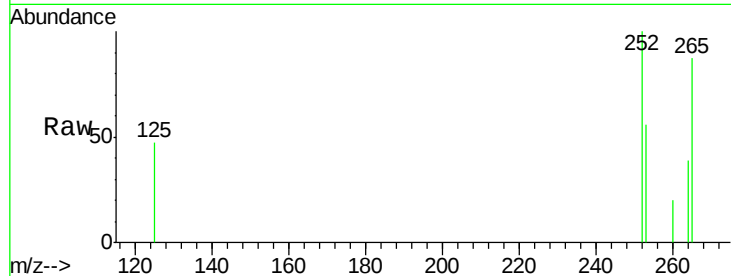
#23
Benzo(a)pyrene
Concen: 0.22 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM008093.D
Acq: 28 Nov 2016 19:08

Instrument :
BNA_M
ClientSampleId :
JHST4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	55.8	28.5	42.7#
125	47.2	18.1	27.1#

Manual Integrations
APPROVED

UMANGI
11/29/2016 2:22:50 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul
RT: 25.80 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BM008093.D
Acq: 28 Nov 2016 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.1	28.7#
277	27.6	19.6	29.4

