

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008701.D
 Acq On : 28 Dec 2016 19:44
 Operator : UM/SJ
 Sample : H6067-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H5

Manual Integrations
 APPROVED

mohammad
 12/30/2016 8:53:44 AM

Quant Time: Dec 29 04:23:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	432m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1361	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	981m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1779m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.27	240	1657	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1325m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	373	0.18	ng/ul	-0.10
14) Fluoranthene-d10	19.10	212	1012	0.21	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.48	128	439	0.11	ng/ul#	62
5) 2-Methylnaphthalene	12.13	142	507	0.20	ng/ul	98
12) Phenanthrene	17.07	178	1291m	0.24	ng/ul	
15) Fluoranthene	19.12	202	759	0.11	ng/ul	82
17) Pyrene	19.48	202	828	0.13	ng/ul#	71
18) Benzo(a)anthracene	21.25	228	423	0.08	ng/ul#	47
19) Chrysene	21.30	228	469	0.08	ng/ul#	56
21) Benzo(b)fluoranthene	22.83	252	497m	0.10	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	233m	0.05	ng/ul	

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

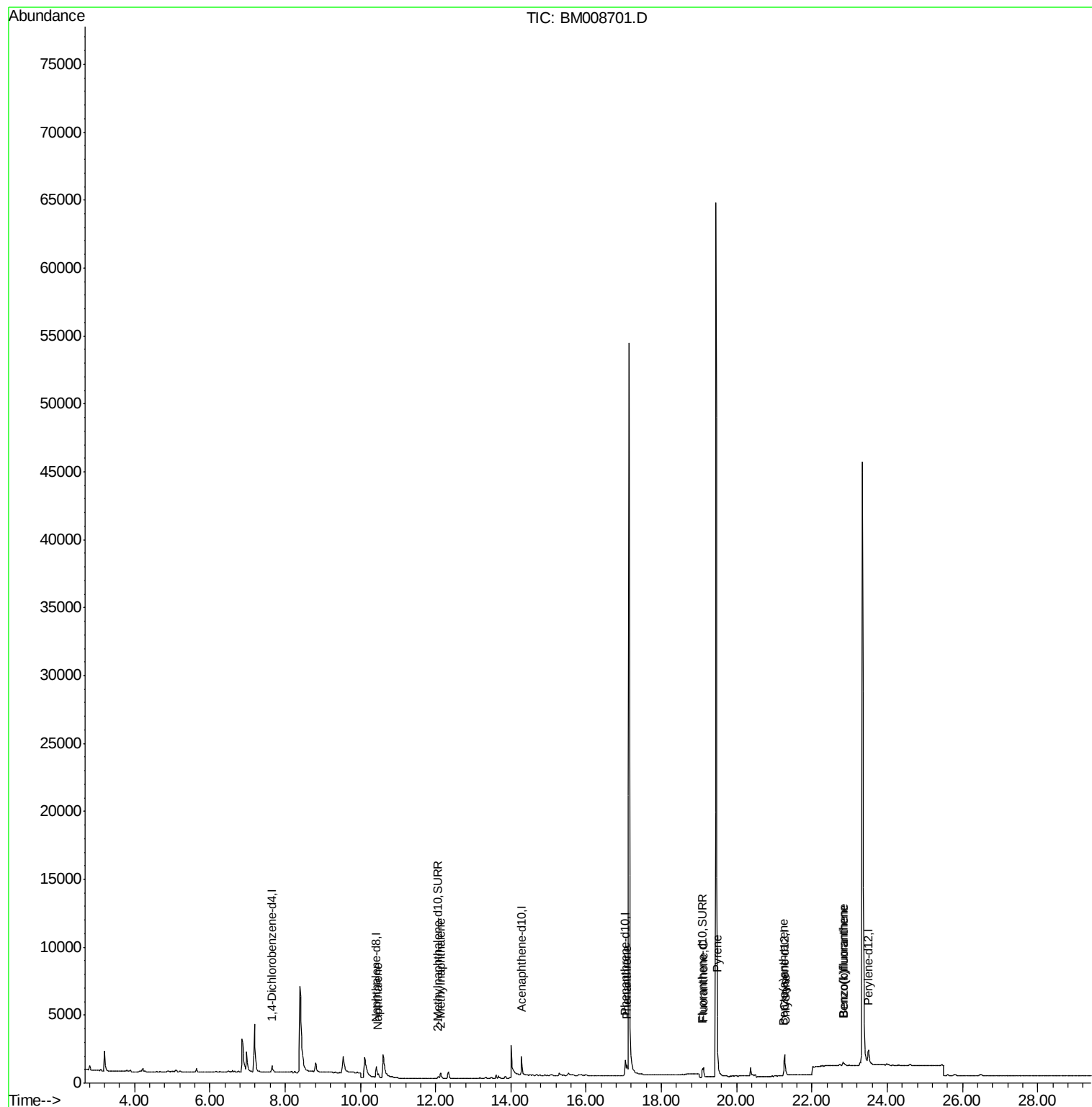
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008701.D
Acq On : 28 Dec 2016 19:44
Operator : UM/SJ
Sample : H6067-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

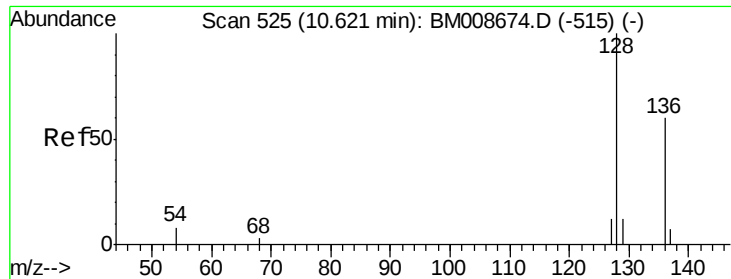
Instrument :
BNA_M
ClientSampleId :
DA7H5

Manual Integrations
APPROVED

mohammad
12/30/2016 8:53:44 AM

Quant Time: Dec 29 04:23:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.13 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

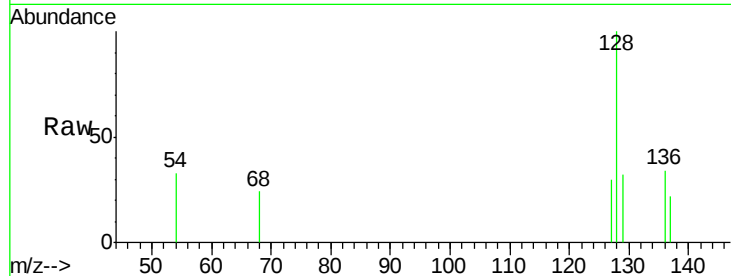
ClientSampleId :

DA7H5

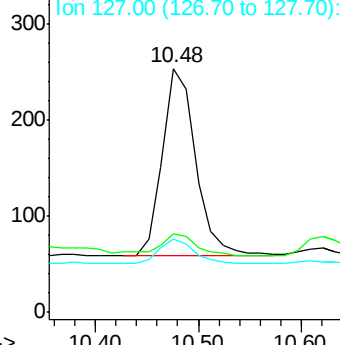
Tgt Ion:	128	Resp:	439
Ion Ratio	Lower	Upper	
128	100		
129	32.0	11.3	16.9#
127	30.0	12.8	19.2#

Manual Integrations
APPROVED

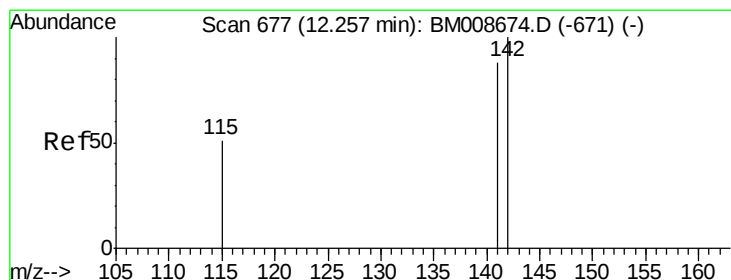
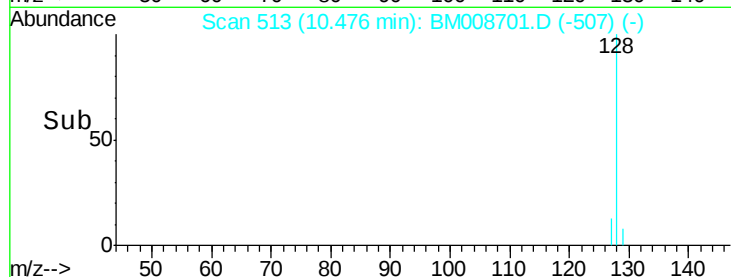
mohammad
12/30/2016 8:53:44 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

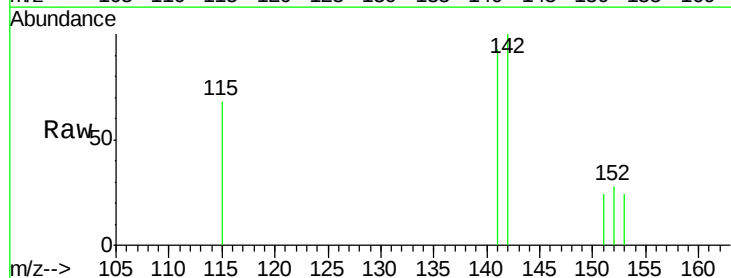
RT: 12.13 min Scan# 665

Delta R.T. -0.10 min

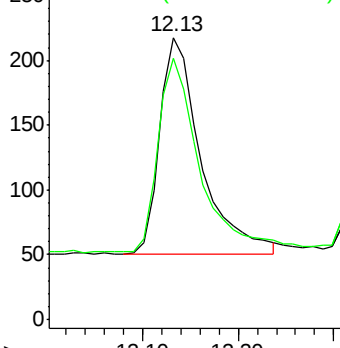
Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

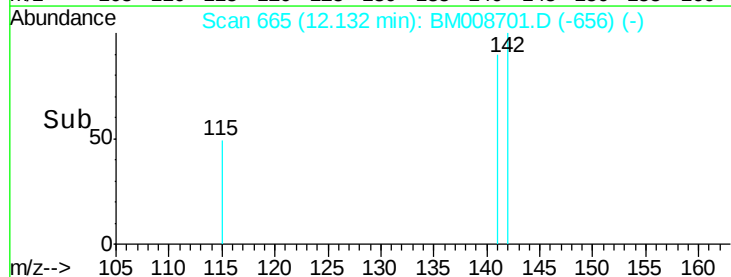
Tgt Ion:	142	Resp:	507
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8

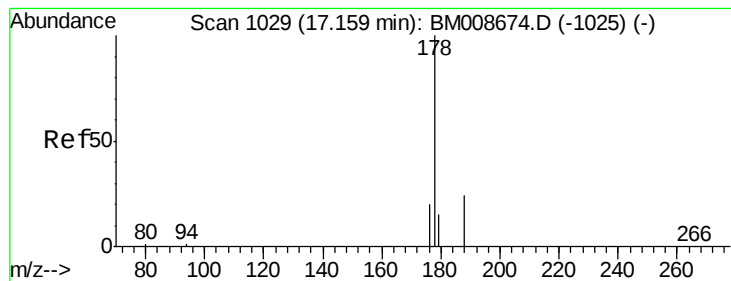


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#12

Phenanthrene

Concen: 0.24 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. -0.07 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

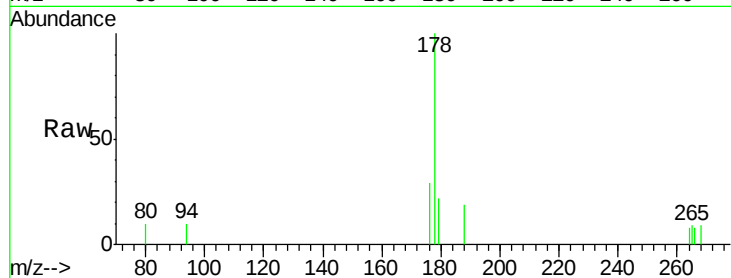
ClientSampleId :

DA7H5

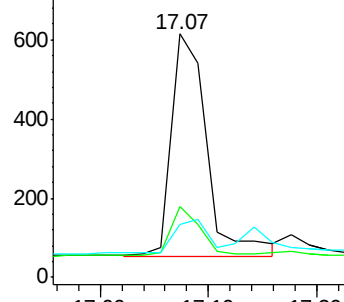
Tgt Ion:	178	Resp:	1291
Ion Ratio	Lower	Upper	
178	100		
176	28.9	18.4	27.6#
179	22.0	13.6	20.4#

Manual Integrations
APPROVED

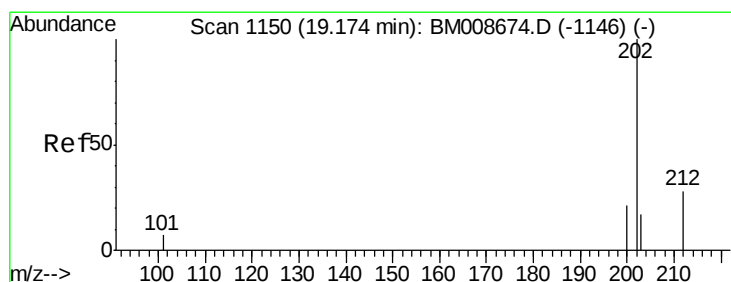
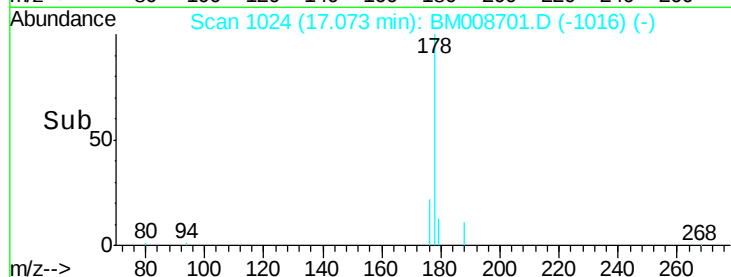
mohammad
12/30/2016 8:53:44 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Fluoranthene

Concen: 0.11 ng/ul

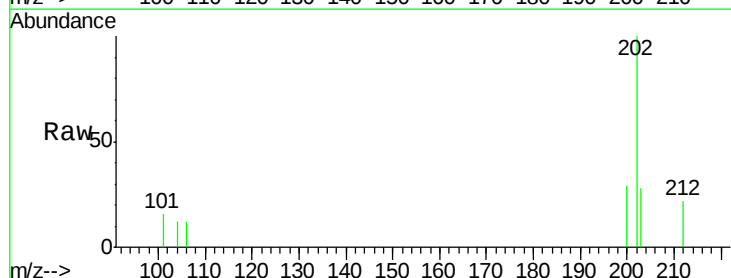
RT: 19.12 min Scan# 1146

Delta R.T. -0.04 min

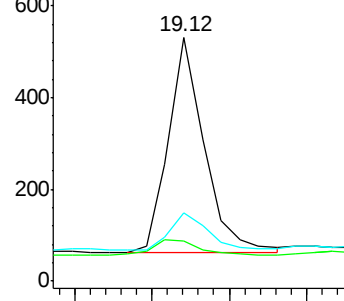
Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

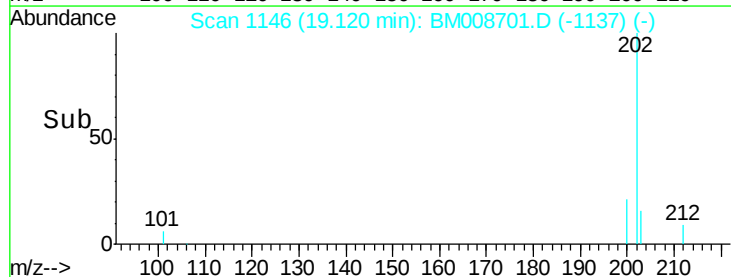
Tgt Ion:	202	Resp:	759
Ion Ratio	Lower	Upper	
202	100		
101	16.4	0.0	30.3
203	28.1	0.0	39.5

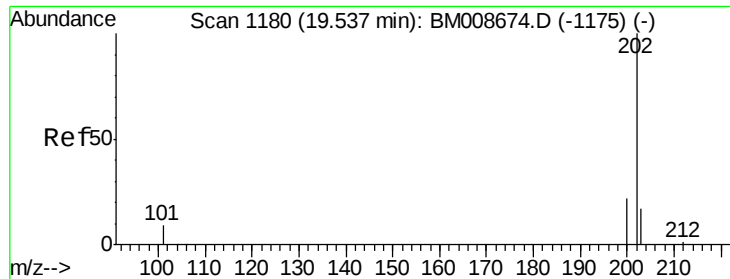


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





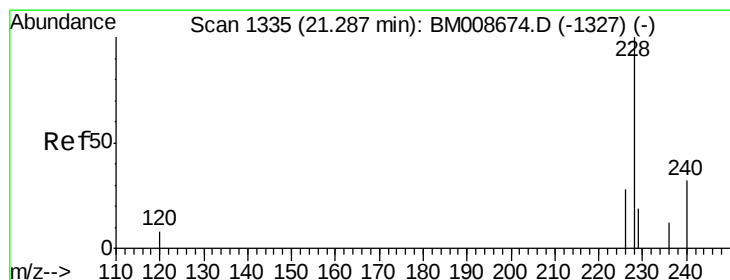
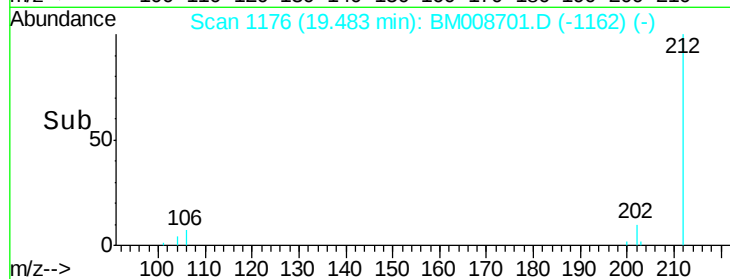
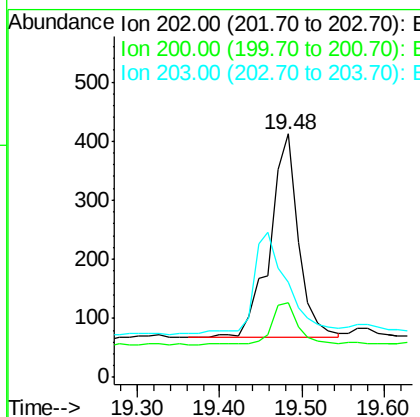
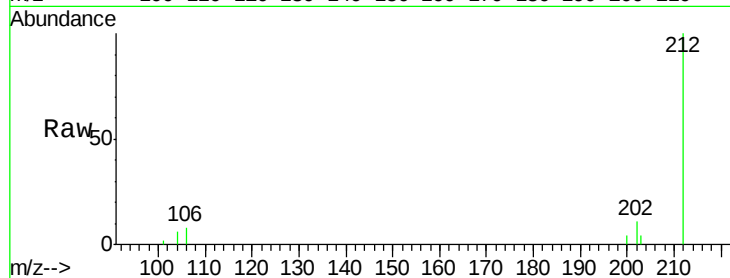
#17
 Pyrene
 Concen: 0.13 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.04 min
 Lab File: BM008701.D
 Acq: 28 Dec 2016 19:44

Instrument :
 BNA_M
 ClientSampleId :
 DA7H5

Tgt Ion	Ratio	Lower	Upper
202	100		
200	30.8	18.2	27.4#
203	39.1	15.6	23.4#

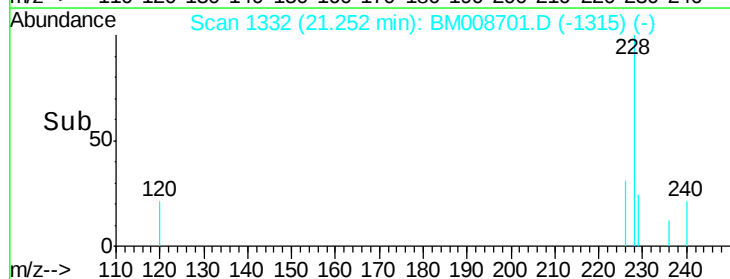
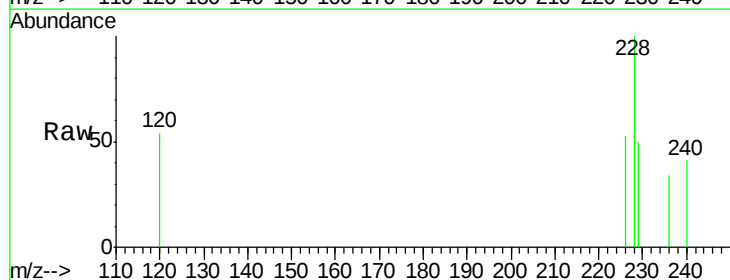
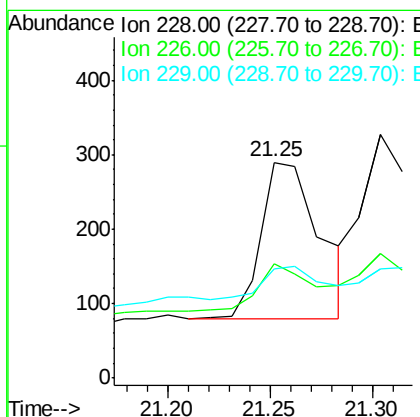
Manual Integrations
 APPROVED

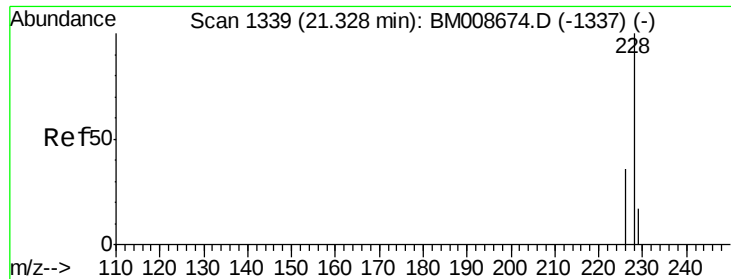
mohammad
 12/30/2016 8:53:44 AM



#18
 Benzo(a)anthracene
 Concen: 0.08 ng/ul
 RT: 21.25 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BM008701.D
 Acq: 28 Dec 2016 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	53.1	22.8	34.2#
229	50.3	17.0	25.6#





#19

Chrysene

Concen: 0.08 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

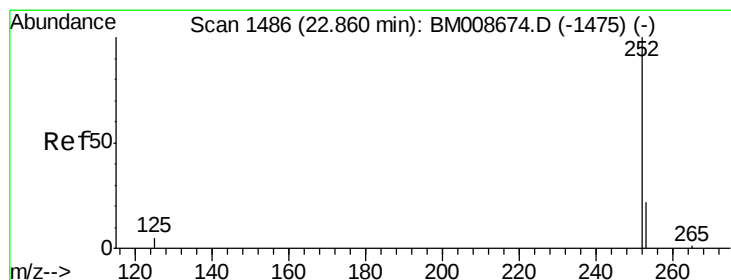
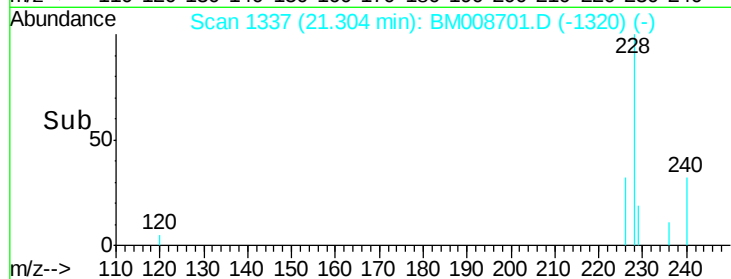
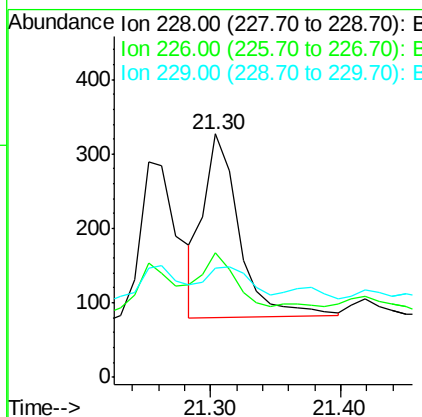
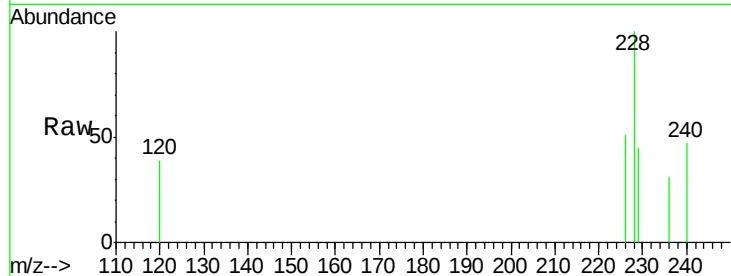
ClientSampleId :

DA7H5

Tgt Ion:	228	Resp:	469
Ion Ratio		Lower	Upper
228	100		
226	51.1	23.4	35.0#
229	44.6	17.7	26.5#

Manual Integrations
APPROVED

mohammad
12/30/2016 8:53:44 AM



#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul m

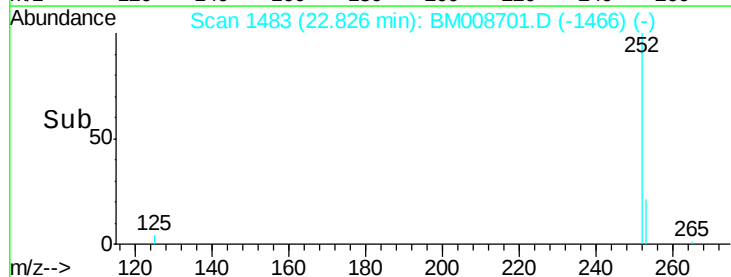
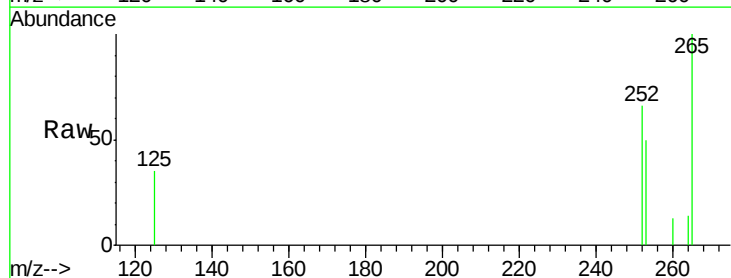
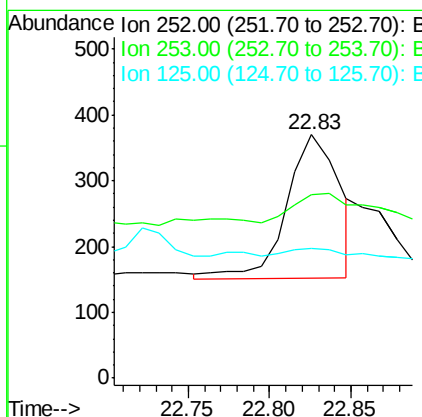
RT: 22.83 min Scan# 1483

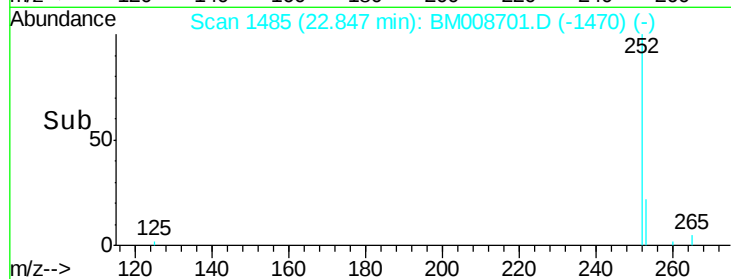
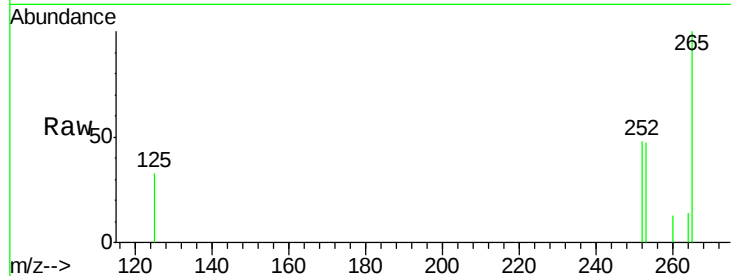
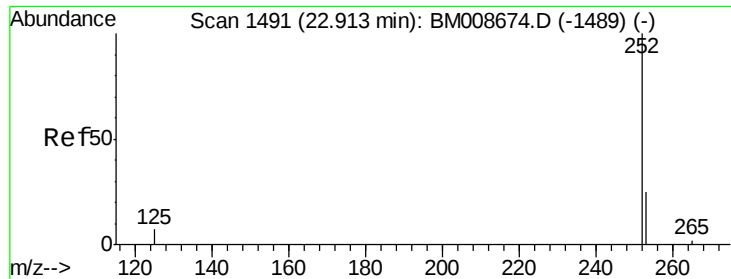
Delta R.T. -0.02 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Tgt Ion:	252	Resp:	497
Ion Ratio		Lower	Upper
252	100		
253	75.4	0.0	64.2#
125	53.5	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul m

RT: 22.85 min Scan# 1485

Delta R.T. -0.04 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	96.7	24.5	36.7#
125	68.9	13.7	20.5#

Instrument :

BNA_M

ClientSampleId :

DA7H5

Manual Integrations
APPROVED

mohammad
12/30/2016 8:53:44 AM

