

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008645.D
 Acq On : 24 Dec 2016 22:58
 Operator : UM/SJ
 Sample : H6069-05DL 2X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J1DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:29:14 PM

Quant Time: Dec 26 01:26:40 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	462	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1449	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	893	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1729m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.27	240	1612	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1364m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	495	0.22	ng/ul	-0.04
14) Fluoranthene-d10	19.09	212	1199m	0.25	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.48	128	1078	0.26	ng/ul#	88
5) 2-Methylnaphthalene	12.11	142	1410	0.51	ng/ul	100
12) Phenanthrene	17.09	178	1630m	0.31	ng/ul	
15) Fluoranthene	19.11	202	404	0.06	ng/ul	56
17) Pyrene	19.48	202	722	0.12	ng/ul#	67
18) Benzo(a)anthracene	21.24	228	309	0.06	ng/ul#	44
19) Chrysene	21.30	228	433	0.07	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	25.76	276	188	0.03	ng/ul	96

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

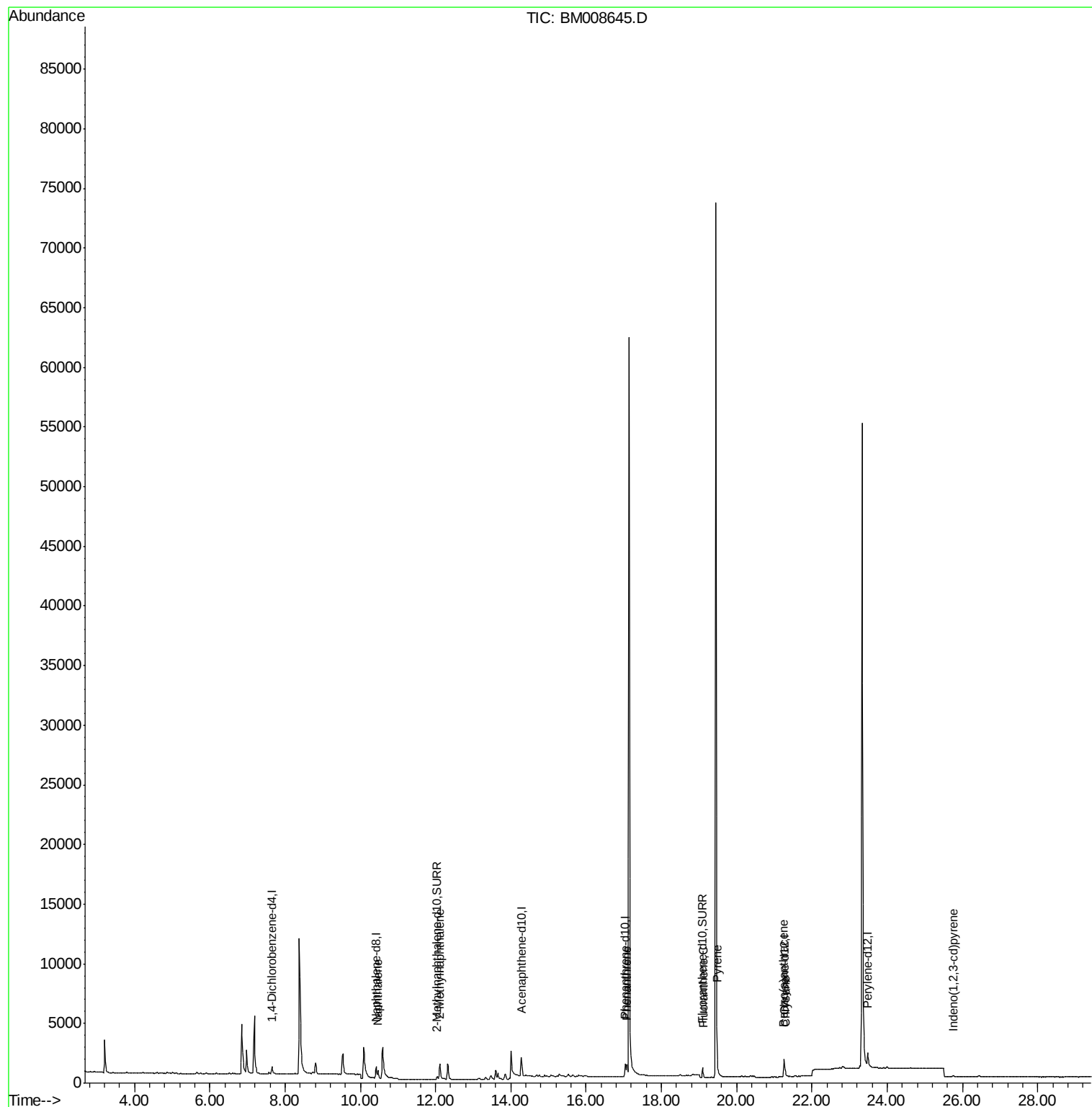
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008645.D
Acq On : 24 Dec 2016 22:58
Operator : UM/SJ
Sample : H6069-05DL 2X
Misc :
ALS Vial : 60 Sample Multiplier: 1

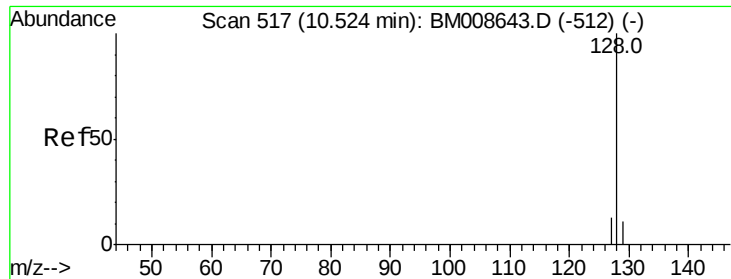
Instrument :
BNA_M
ClientSampleId :
DA7J1DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:14 PM

Quant Time: Dec 26 01:26:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.05 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

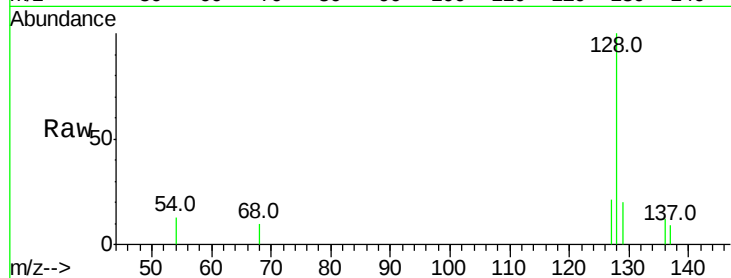
ClientSampleId :

DA7J1DL

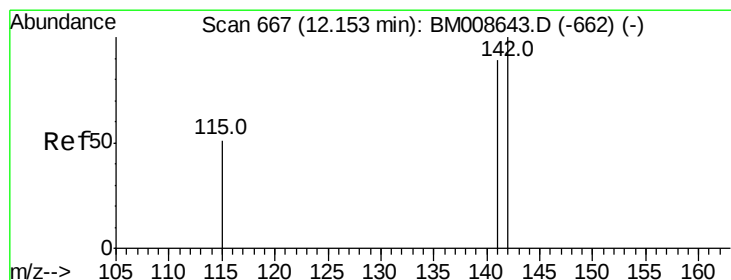
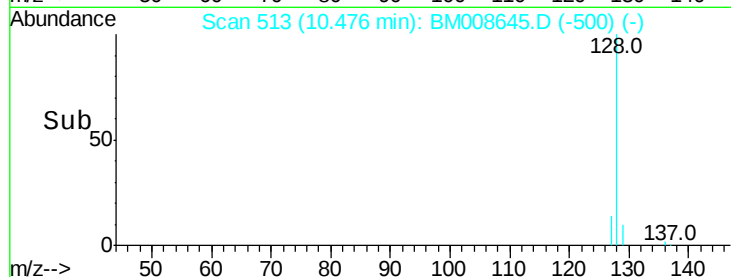
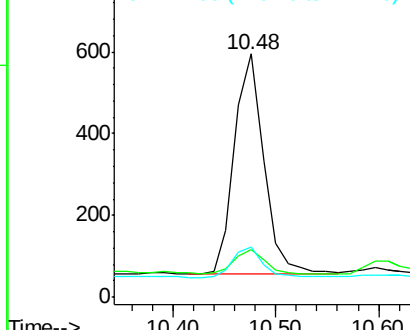
Tot Ion:	128	Resp:	1078
Ion Ratio	Lower	Upper	
128	100		
129	19.8	11.3	16.9#
127	20.7	12.8	19.2#

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:14 PM



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



#5

2-Methylnaphthalene

Concen: 0.51 ng/ul

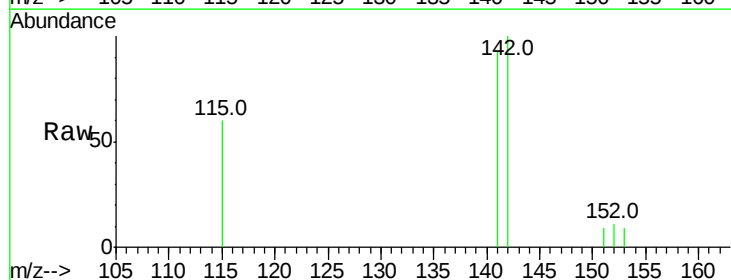
RT: 12.11 min Scan# 663

Delta R.T. -0.04 min

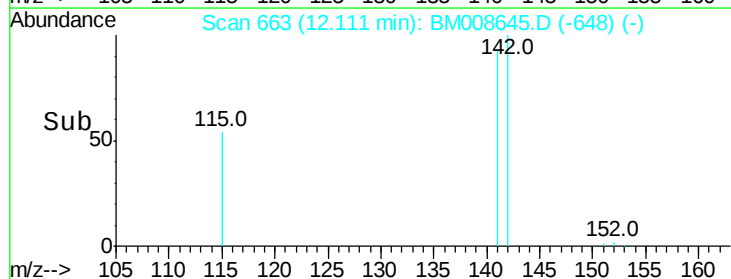
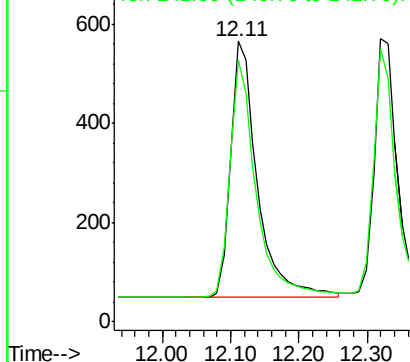
Lab File: BM008645.D

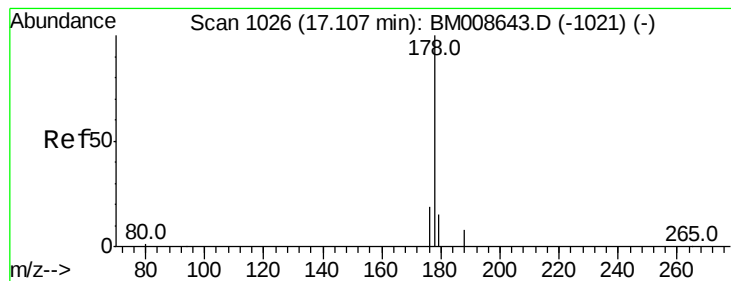
Acq: 24 Dec 2016 22:58

Tgt Ion:	142	Resp:	1410
Ion Ratio	Lower	Upper	
142	100		
141	90.6	72.6	108.8



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





#12

Phenanthrene

Concen: 0.31 ng/ul m

RT: 17.09 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

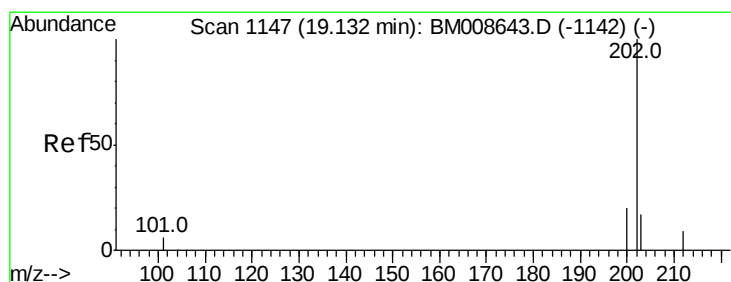
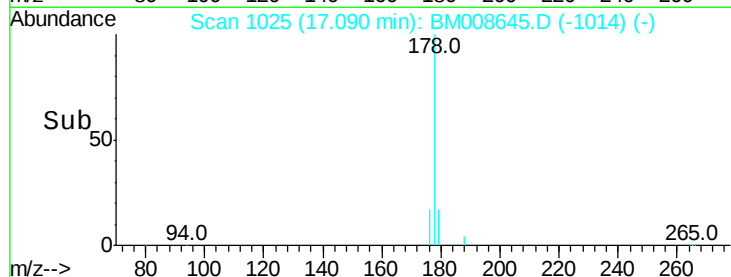
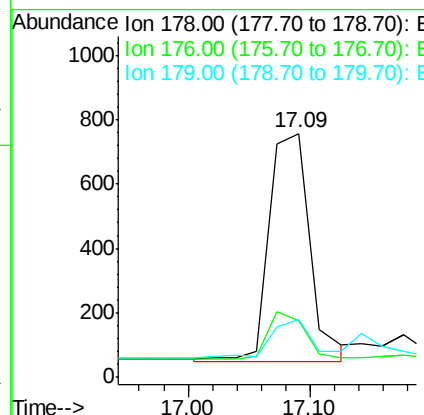
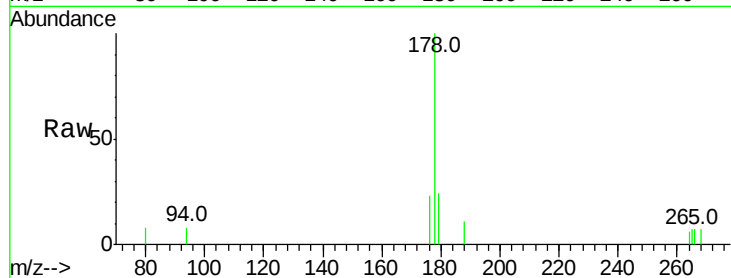
ClientSampleId :

DA7J1DL

Tot Ion:	178	Resp:	1630
Ion Ratio	Lower	Upper	
178	100		
176	23.1	18.4	27.6
179	23.7	13.6	20.4

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:14 PM



#15

Fluoranthene

Concen: 0.06 ng/ul

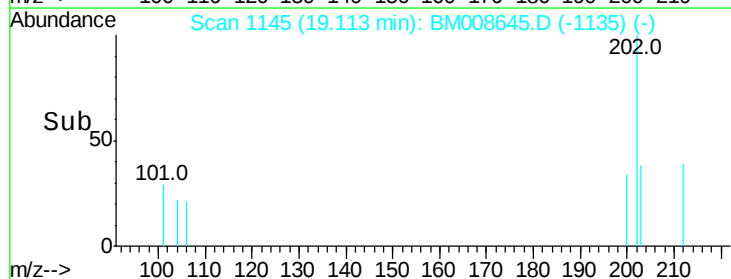
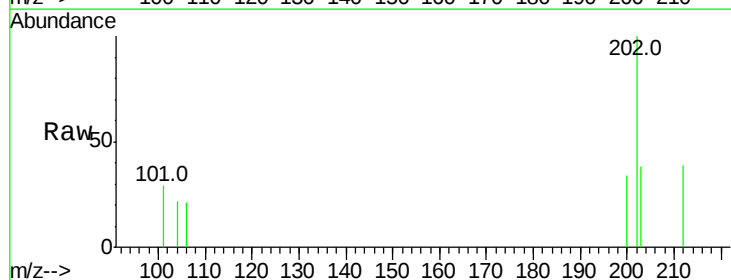
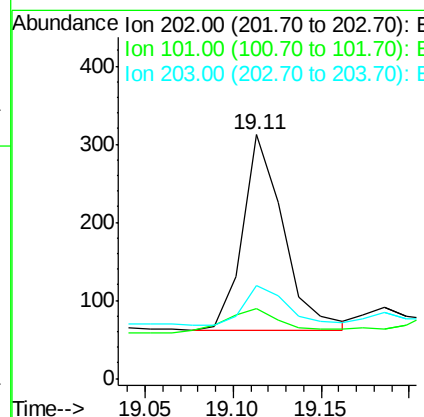
RT: 19.11 min Scan# 1145

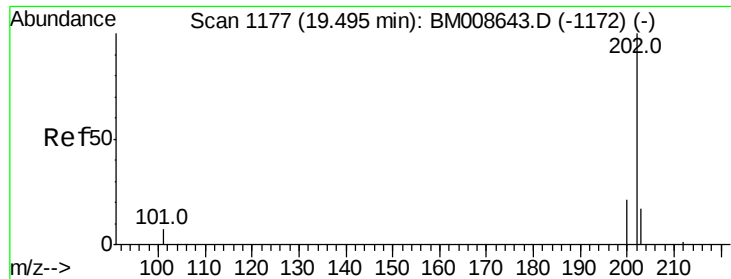
Delta R.T. -0.02 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Tgt Ion:	202	Resp:	404
Ion Ratio	Lower	Upper	
202	100		
101	28.8	0.0	30.3
203	38.1	0.0	39.5





#17

Pvrene

Concen: 0.12 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

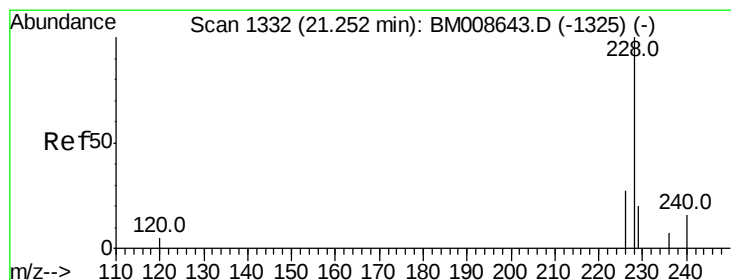
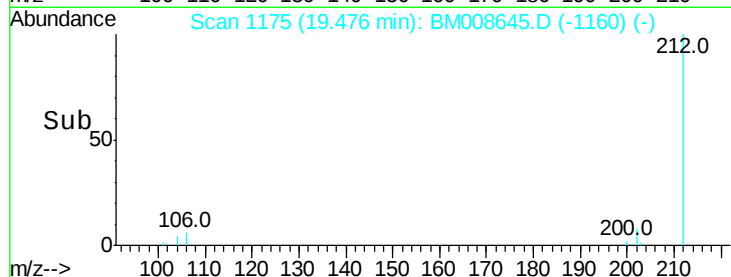
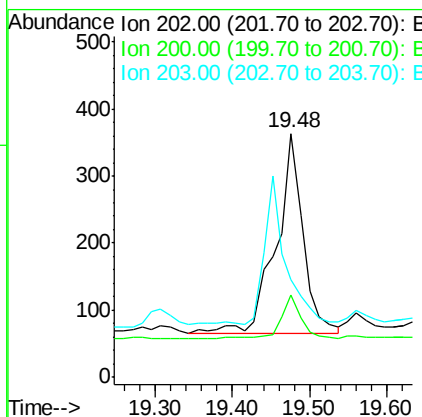
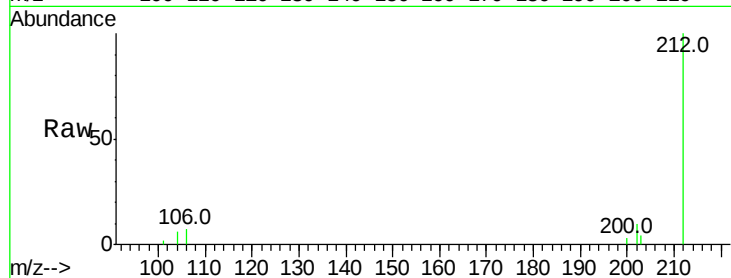
ClientSampleId :

DA7J1DL

Tot Ion:	202	Resp:	722
Ion Ratio	Lower	Upper	
202	100		
200	33.9	18.2	27.4#
203	40.2	15.6	23.4#

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:14 PM



#18

Benzo(a)anthracene

Concen: 0.06 ng/ul

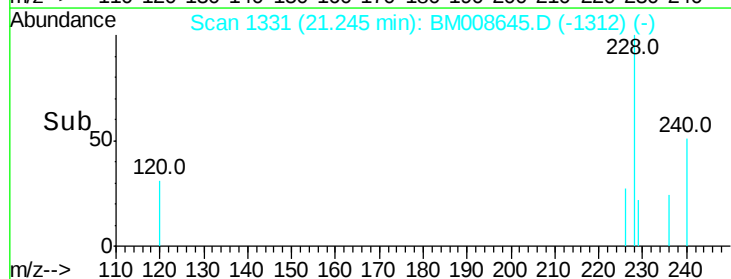
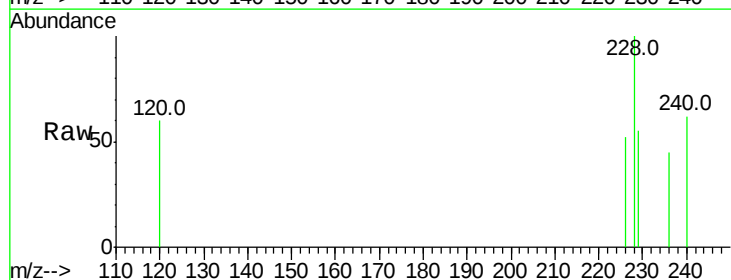
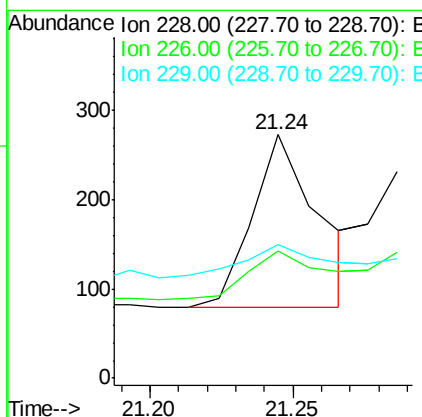
RT: 21.24 min Scan# 1331

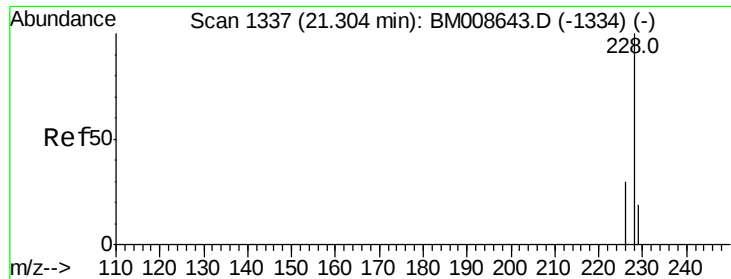
Delta R.T. -0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Tgt Ion:	228	Resp:	309
Ion Ratio	Lower	Upper	
228	100		
226	52.4	22.8	34.2#
229	54.9	17.0	25.6#





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.30 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

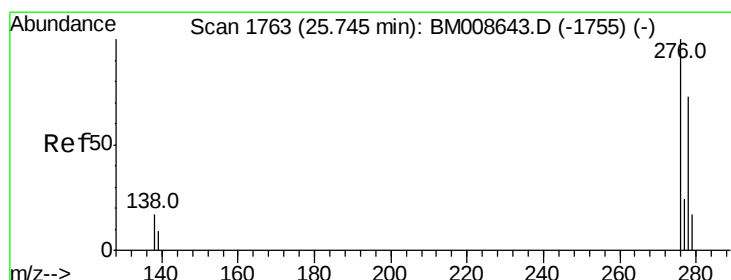
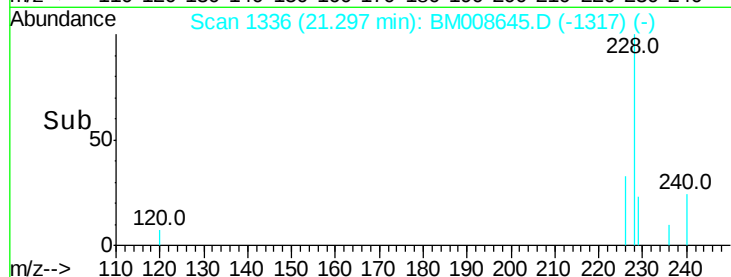
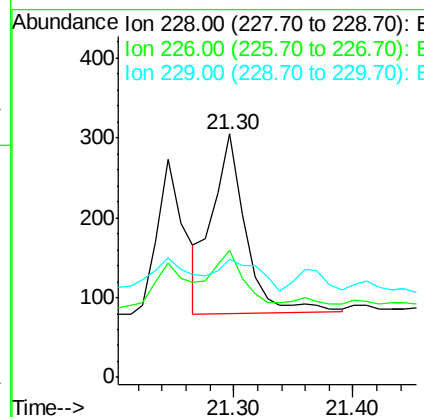
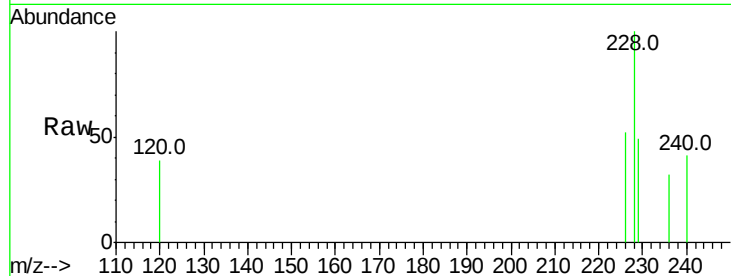
ClientSampleId :

DA7J1DL

Tot Ion:	228	Resp:	433
Ion Ratio	Lower	Upper	
228	100		
226	52.5	23.4	35.0#
229	48.5	17.7	26.5#

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:14 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Tgt Ion:	276	Resp:	188
Ion Ratio	Lower	Upper	
276	100		
138	21.3	19.1	28.7
277	23.4	19.6	29.4

