

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011745.D
 Acq On : 28 Sep 2017 04:22
 Operator : SJ/JU
 Sample : I5377-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3E9

Manual Integrations
 APPROVED

Sohil
 9/29/2017 2:23:06 PM

Quant Time: Sep 28 05:44:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	282802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1256229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	686011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1497173	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1281775	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1021138	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	5760	0.91	ng/uL	0.00
5) Phenol-d5	7.09	99	166384	5.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	232964	11.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	170632	8.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	153160	7.03	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	116221	11.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	50711	4.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	118507	5.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	11573	0.52	ng/ul	0.02
43) Dimethylphthalate-d6	13.97	166	412391	7.01	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	863842	12.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	578	0.06	ng/ul	0.05
57) Fluorene-d10	15.56	176	614594	12.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	3310	0.33	ng/ul	0.00
70) Anthracene-d10	17.41	188	914512	12.00	ng/ul	0.00
76) Pyrene-d10	19.70	212	1016174	16.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	597946	12.23	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.02	163	87534	1.555	ng/ul#	98
69) Phenanthrene	17.36	178	654383	7.809	ng/ul	98
71) Anthracene	17.44	178	112107	1.299	ng/ul	99
74) Fluoranthene	19.36	202	1147845	11.220	ng/ul#	88
77) Pyrene	19.73	202	1035711	13.559	ng/ul#	89
80) Benzo(a)anthracene	21.47	228	451735	6.299	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.37	149	103753	2.177	ng/ul#	92
82) Chrysene	21.52	228	446837	6.607	ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	480923	7.982	ng/ul#	86
86) Benzo(k)fluoranthene	23.16	252	172899m	2.813	ng/ul	
88) Benzo(a)pyrene	23.74	252	289122	4.969	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	181458	2.995	ng/ul#	89
91) Benzo(g,h,i)perylene	27.00	276	164435	3.270	ng/ul#	84

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

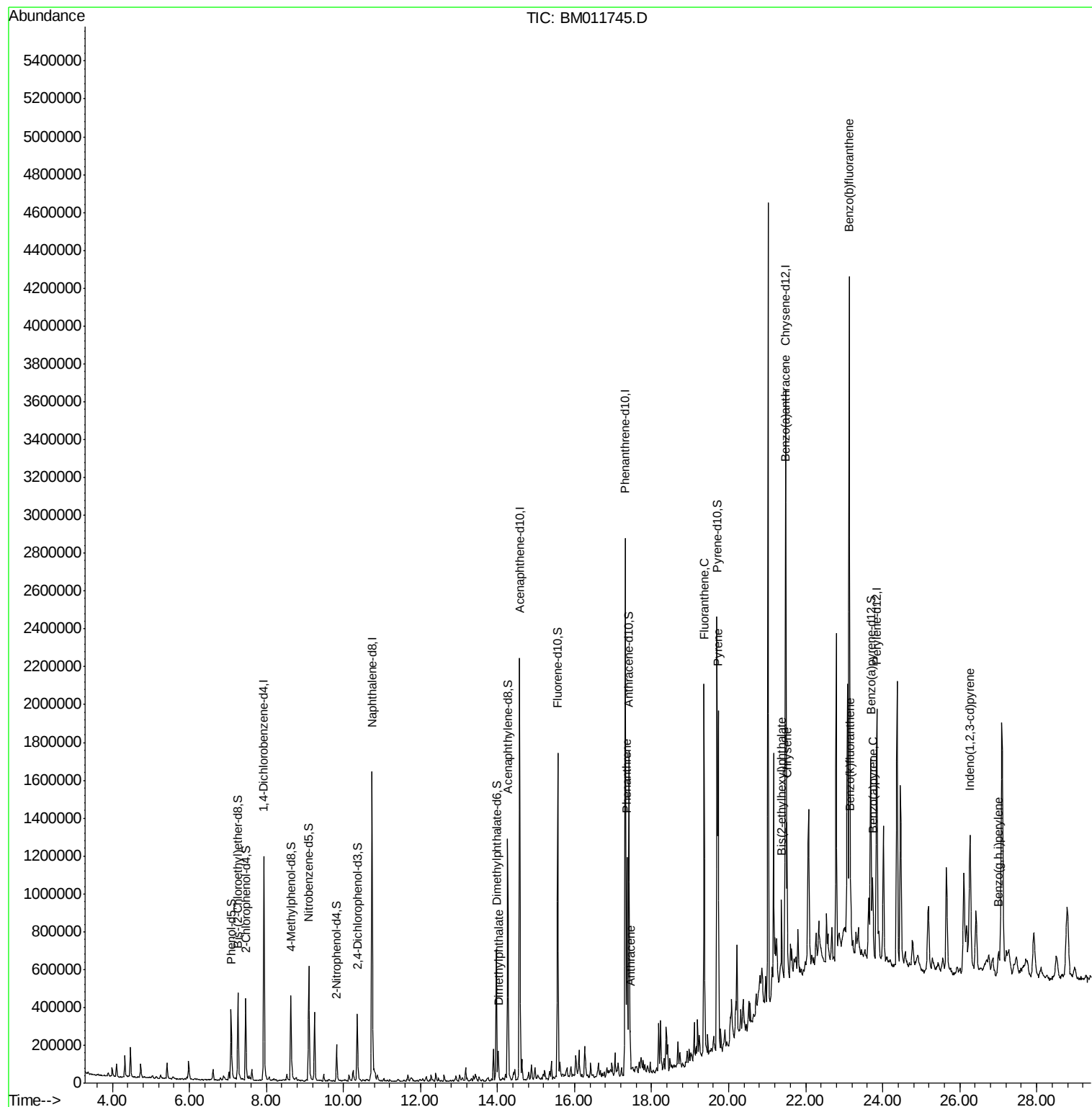
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011745.D
Acq On : 28 Sep 2017 04:22
Operator : SJ/JU
Sample : I5377-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

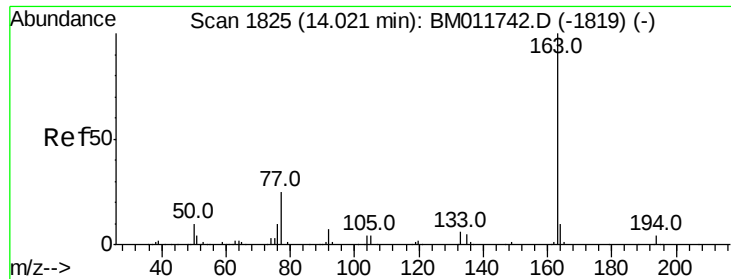
Instrument :
BNA_M
ClientSampleId :
CB3E9

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:06 PM

Quant Time: Sep 28 05:44:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.555 ng/ul

RT: 14.02 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Instrument :

BNA_M

ClientSampled :

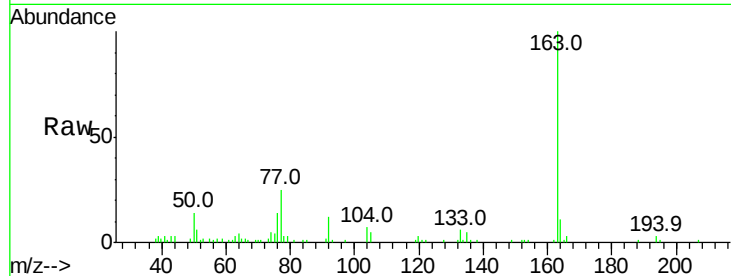
CB3E9

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	10.8	8.2	12.4

Manual Integrations
APPROVED

Sohil

9/29/2017 2:23:06 PM

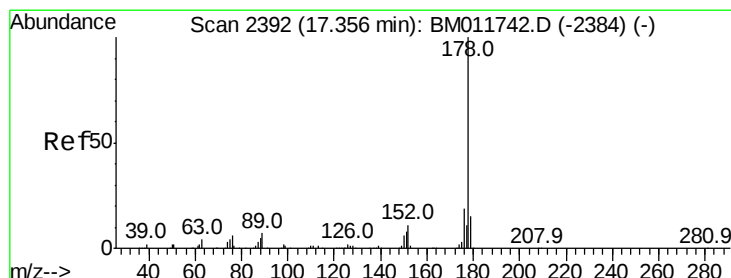
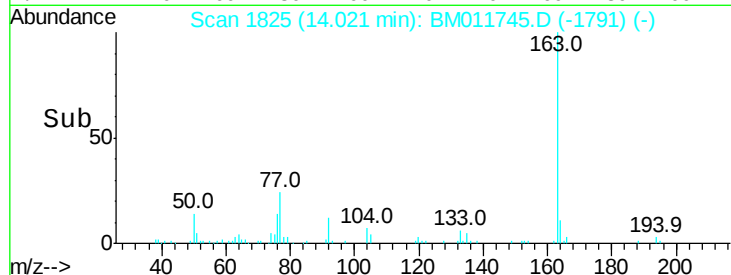
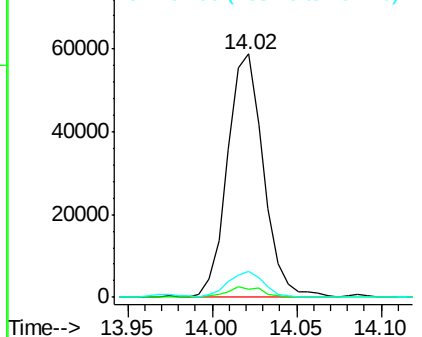


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 7.809 ng/ul

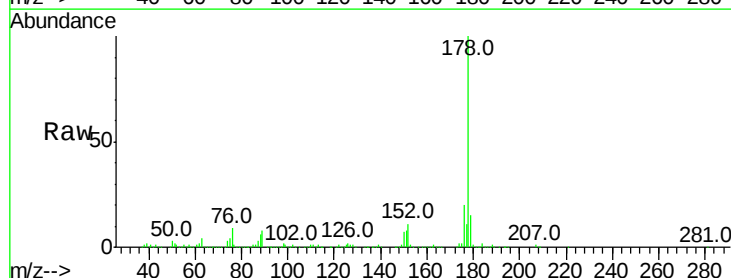
RT: 17.36 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.7	14.9	22.3

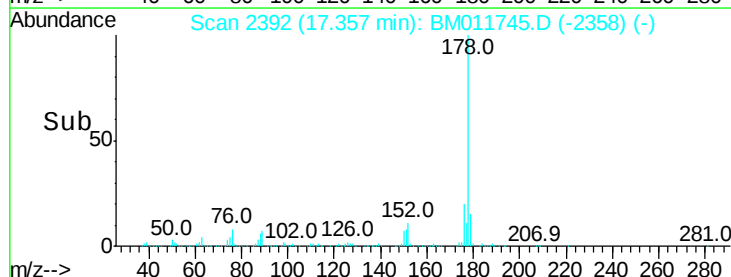
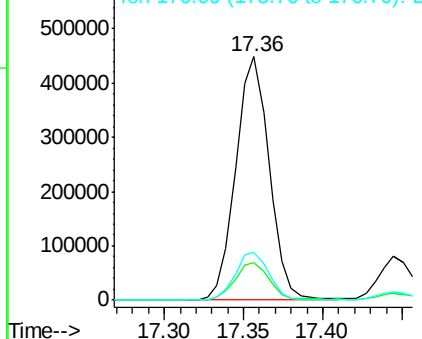


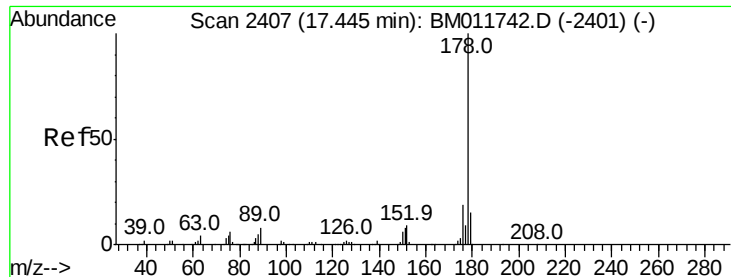
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





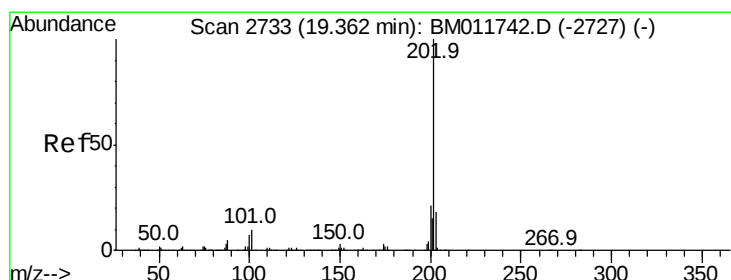
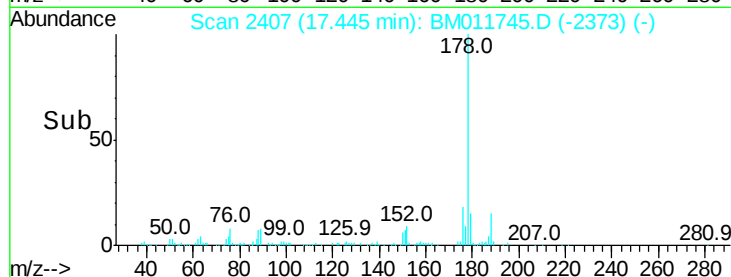
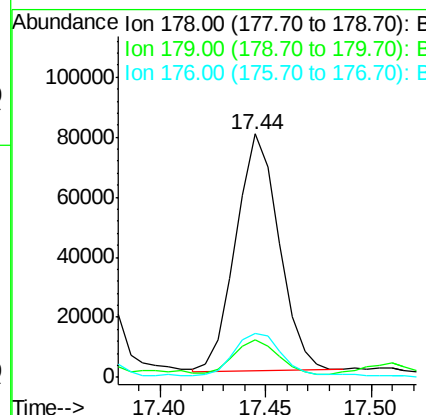
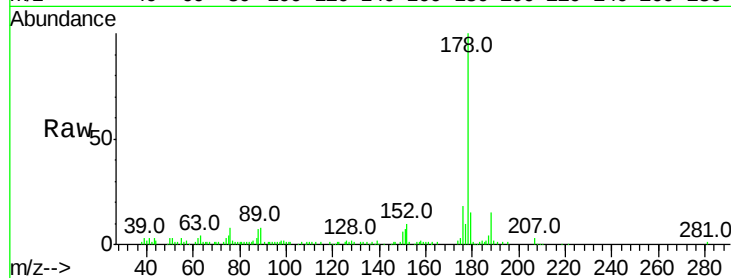
#71
 Anthracene
 Concen: 1.299 ng/ul
 RT: 17.44 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM011745.D
 Acq: 28 Sep 2017 04:22

Instrument :
 BNA_M
 ClientSampled :
 CB3E9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.2	14.6	21.8

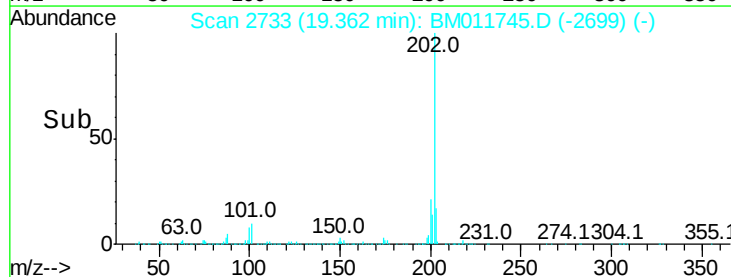
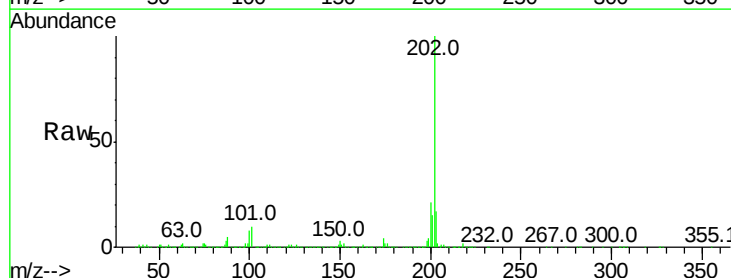
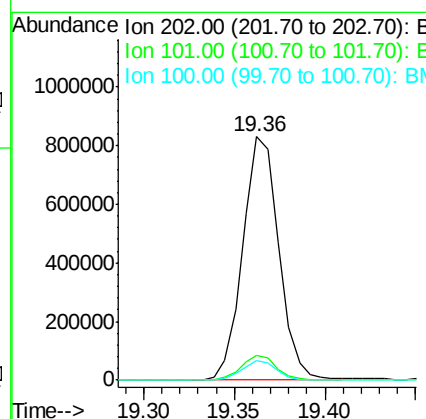
Manual Integrations
 APPROVED

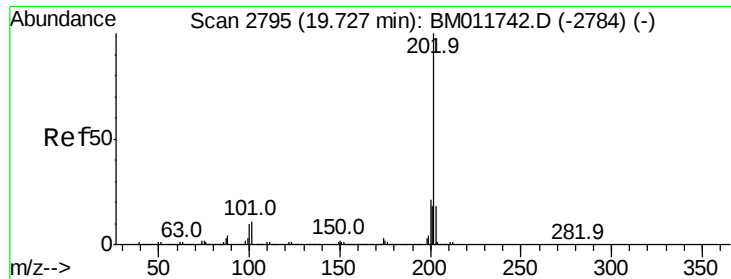
Sohil
 9/29/2017 2:23:06 PM



#74
 Fluoranthene
 Concen: 11.220 ng/ul
 RT: 19.36 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM011745.D
 Acq: 28 Sep 2017 04:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	4.6	7.0#
100	8.0	3.4	5.2#





#77

Pvrene

Concen: 13.559 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Instrument :

BNA_M

ClientSampleId :

CB3E9

Tot Ion:202 Resp: 1035711

Ion Ratio Lower Upper

202 100

101 11.3 5.1 7.7#

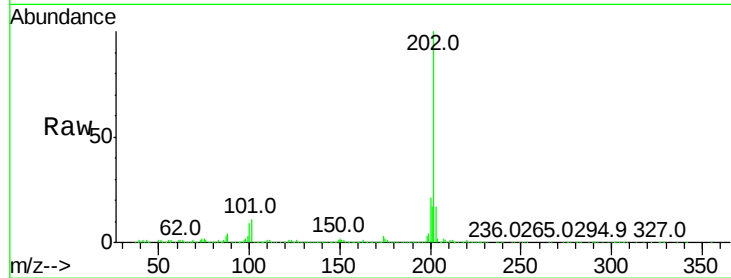
100 8.9 4.9 7.3#

Manual Integrations

APPROVED

Sohil

9/29/2017 2:23:06 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.73

800000

600000

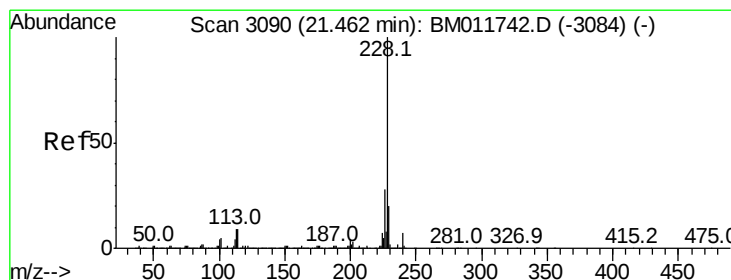
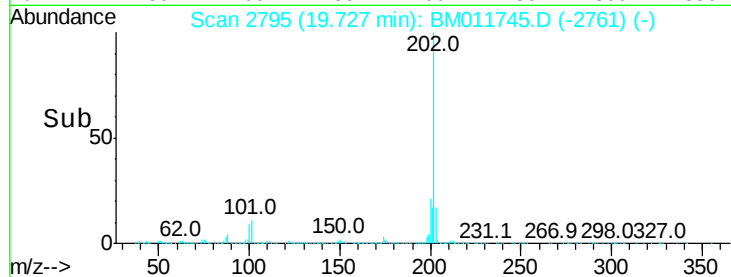
400000

200000

0

19.65 19.70 19.75 19.80

Time-->



#80

Benzo(a)anthracene

Concen: 6.299 ng/ul

RT: 21.47 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

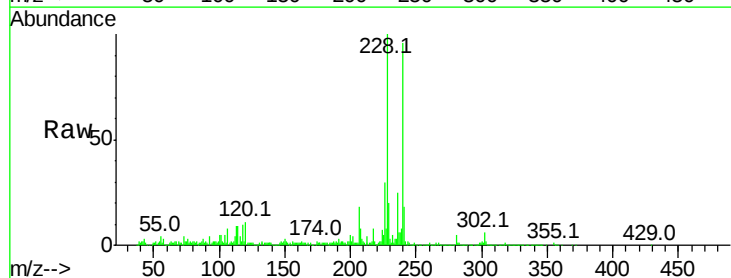
Tgt Ion:228 Resp: 451735

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

226 29.9 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.47

400000

300000

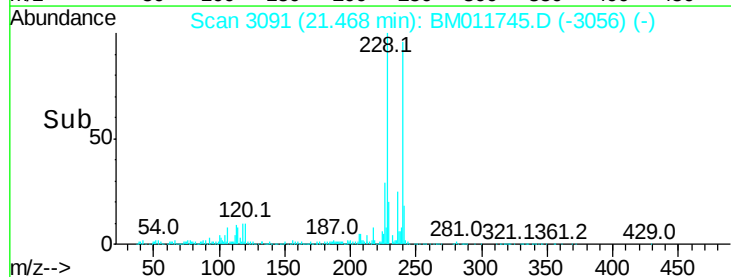
200000

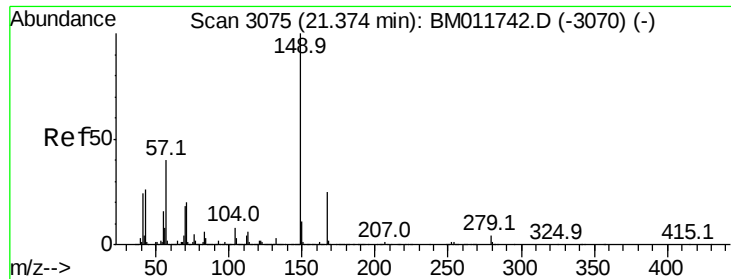
100000

0

21.40 21.45 21.50

Time-->





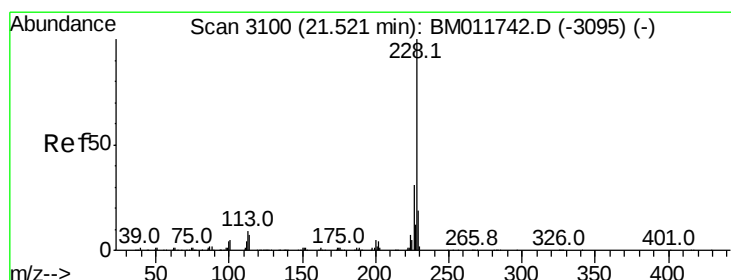
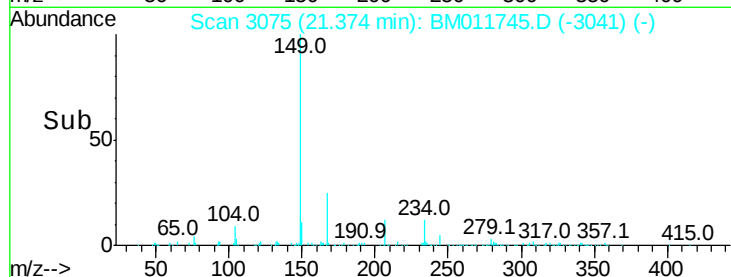
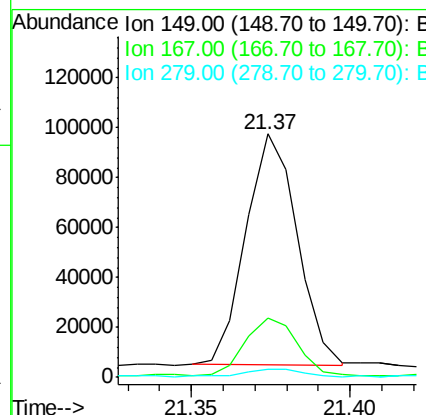
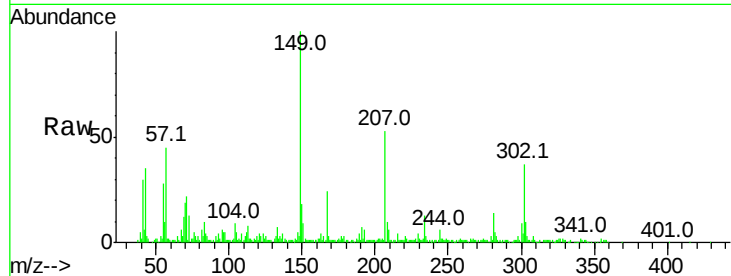
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.177 ng/ul
 RT: 21.37 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM011745.D
 Acq: 28 Sep 2017 04:22

Instrument :
 BNA_M
 ClientSampleId :
 CB3E9

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.3	22.8	34.2
279	3.2	4.9	7.3#

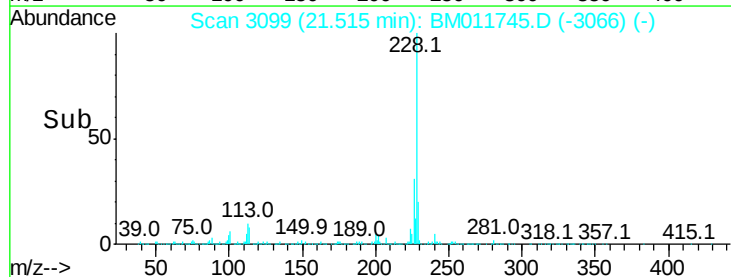
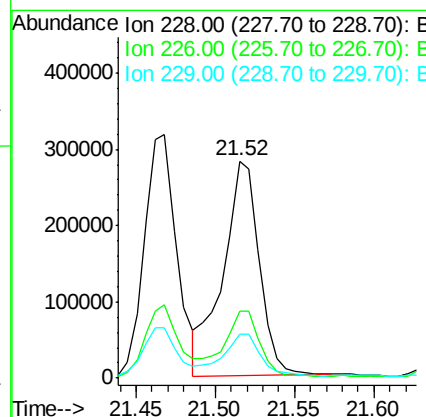
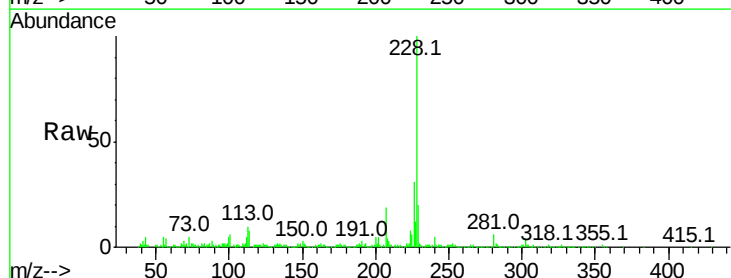
Manual Integrations
 APPROVED

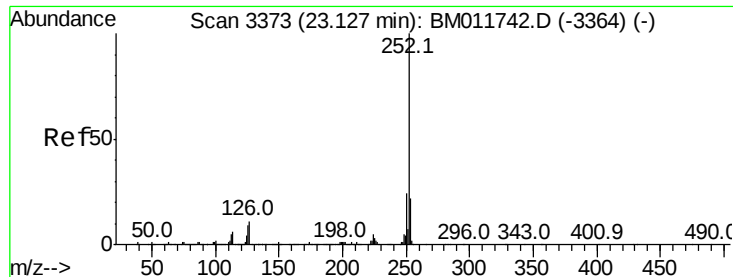
Sohil
 9/29/2017 2:23:06 PM



#82
 Chrysene
 Concen: 6.607 ng/ul
 RT: 21.52 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011745.D
 Acq: 28 Sep 2017 04:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	20.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 7.982 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Instrument :

BNA_M

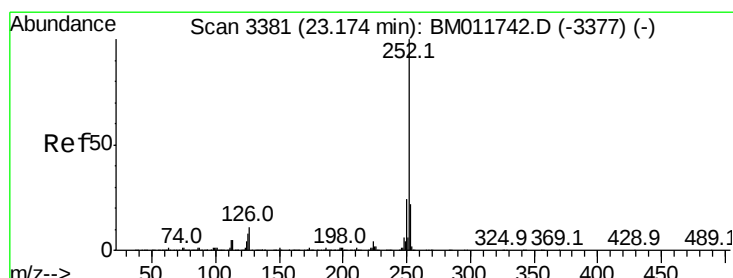
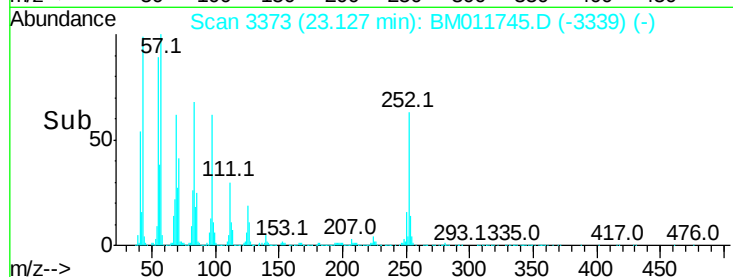
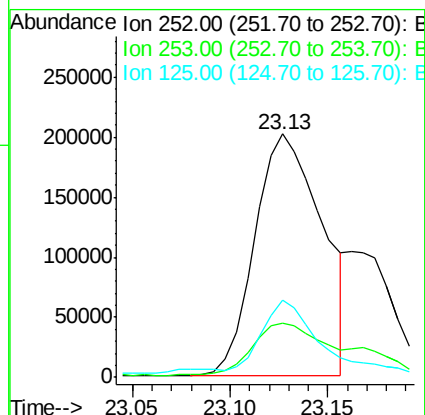
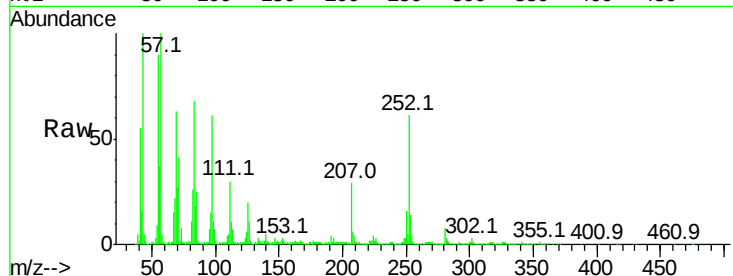
ClientSampled :

CB3E9

Tot Ion:	252	Resp:	480923
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	32.0	3.6	5.4#

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:06 PM



#86

Benzo(k)fluoranthene

Concen: 2.813 ng/ul m

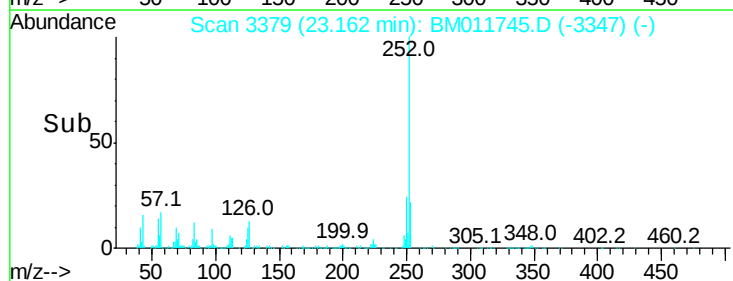
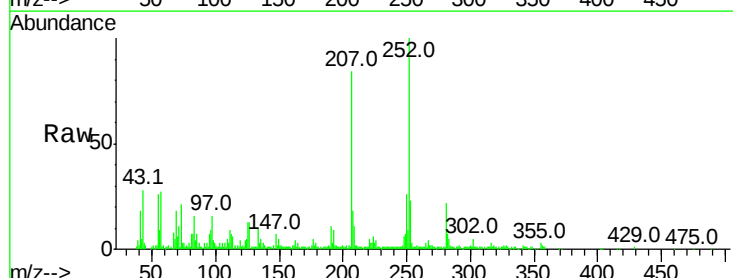
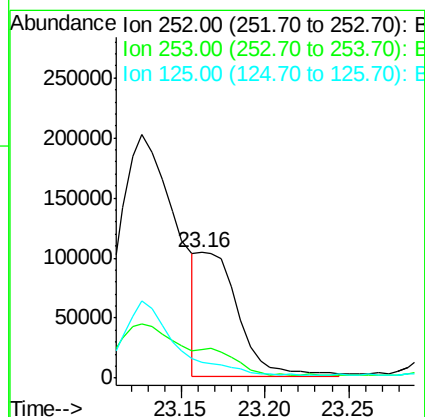
RT: 23.16 min Scan# 3379

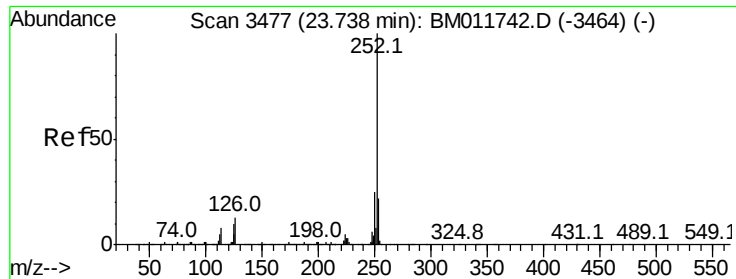
Delta R.T. -0.01 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Tgt Ion:	252	Resp:	172899
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	13.0	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 4.969 ng/ul

RT: 23.74 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Instrument :

BNA_M

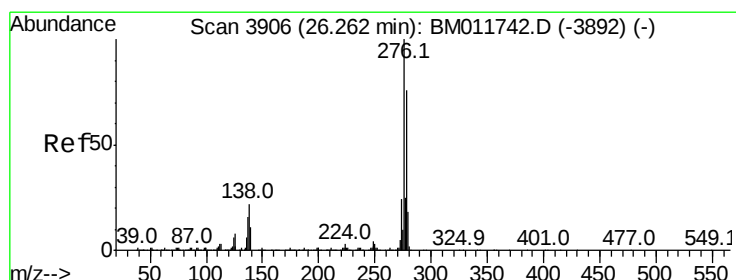
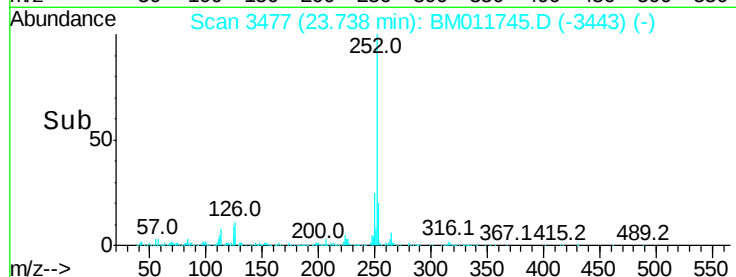
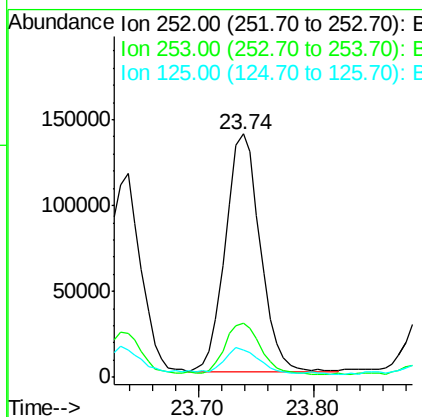
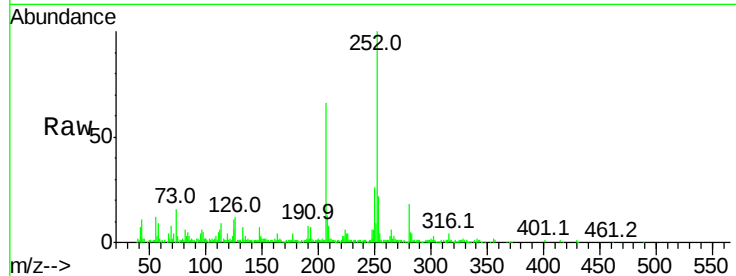
ClientSampled :

CB3E9

Tot Ion:	252	Resp:	289122
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	11.5	4.0	6.0#

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:06 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.995 ng/ul

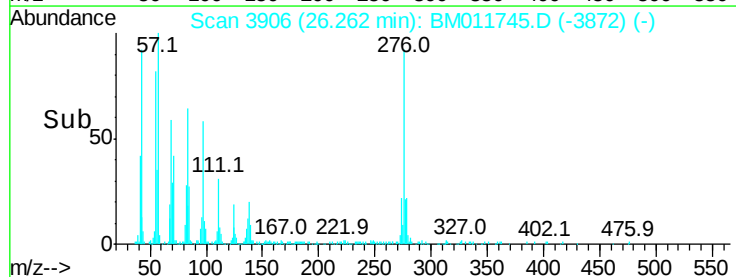
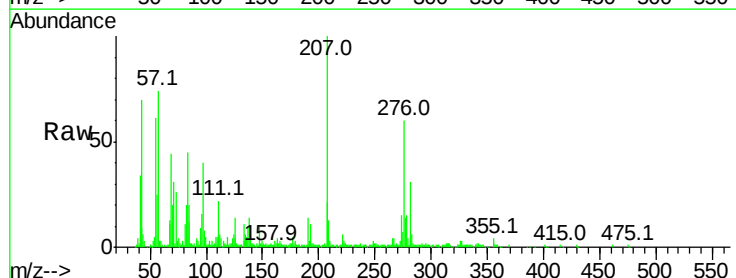
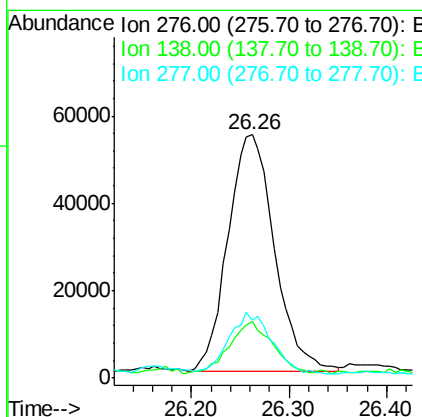
RT: 26.26 min Scan# 3906

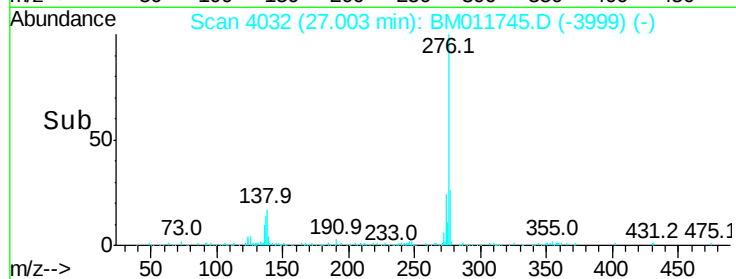
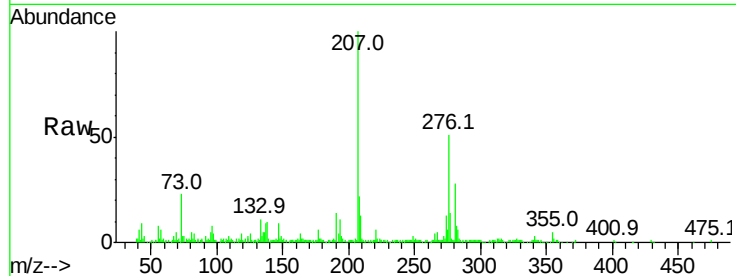
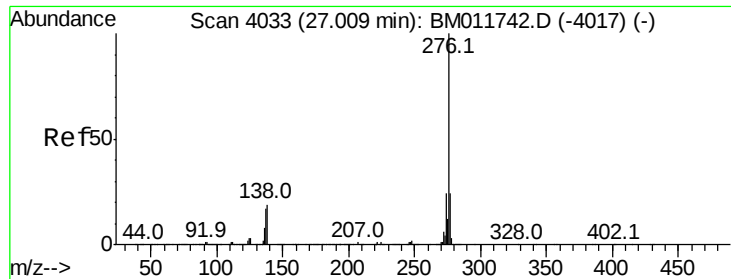
Delta R.T. 0.00 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Tgt Ion:	276	Resp:	181458
Ion Ratio	Lower	Upper	
276	100		
138	23.5	9.3	13.9#
277	23.8	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 3.270 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.01 min

Lab File: BM011745.D

Acq: 28 Sep 2017 04:22

Tot Ion:	276	Resp:	164435
Ion Ratio	Lower	Upper	
276	100		
138	23.4	8.5	12.7#
277	26.8	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

CB3E9

Manual Integrations
APPROVED

Sohil

9/29/2017 2:23:06 PM

