

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011746.D
 Acq On : 28 Sep 2017 04:58
 Operator : SJ/JU
 Sample : I5377-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3F0

Manual Integrations
 APPROVED

Sohil
 9/29/2017 2:23:10 PM

Quant Time: Sep 29 10:34:56 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	300056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1307643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	719271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1500902	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1129703	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	981508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	10476	1.56	ng/uL	0.00
5) Phenol-d5	7.09	99	313678	10.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	406034	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	308636	14.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	291107	12.59	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	209370	20.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	87296	8.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	240167	11.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	16242	0.71	ng/ul	0.01
43) Dimethylphthalate-d6	13.97	166	682201	11.06	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1565544	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	180	0.02	ng/ul	0.00
57) Fluorene-d10	15.56	176	1081266	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	7198	0.71	ng/ul	0.00
70) Anthracene-d10	17.41	188	1551270	20.31	ng/ul	0.00
76) Pyrene-d10	19.70	212	1569752	29.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	967961	20.60	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	7.08	77	29087	2.010	ng/ul	94
28) Naphthalene	10.79	128	91835	1.344	ng/ul	99
44) Dimethylphthalate	14.02	163	183277	3.106	ng/ul	97
69) Phenanthrene	17.36	178	1108294	13.194	ng/ul	99
71) Anthracene	17.45	178	172916	1.998	ng/ul	98
74) Fluoranthene	19.36	202	1722359	16.793	ng/ul#	88
77) Pyrene	19.73	202	1555176	23.101	ng/ul#	88
78) Butylbenzylphthalate	20.61	149	80606	2.865	ng/ul#	95
80) Benzo(a)anthracene	21.46	228	610742	9.663	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.37	149	93453	2.225	ng/ul#	96
82) Chrysene	21.52	228	624051	10.469	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	717792	12.395	ng/ul#	85
86) Benzo(k)fluoranthene	23.16	252	233360m	3.950	ng/ul	
88) Benzo(a)pyrene	23.74	252	439213	7.853	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	289310	4.968	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.26	278	77684	1.593	ng/ul#	70
91) Benzo(g,h,i)perylene	27.00	276	272214	5.632	ng/ul#	90

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

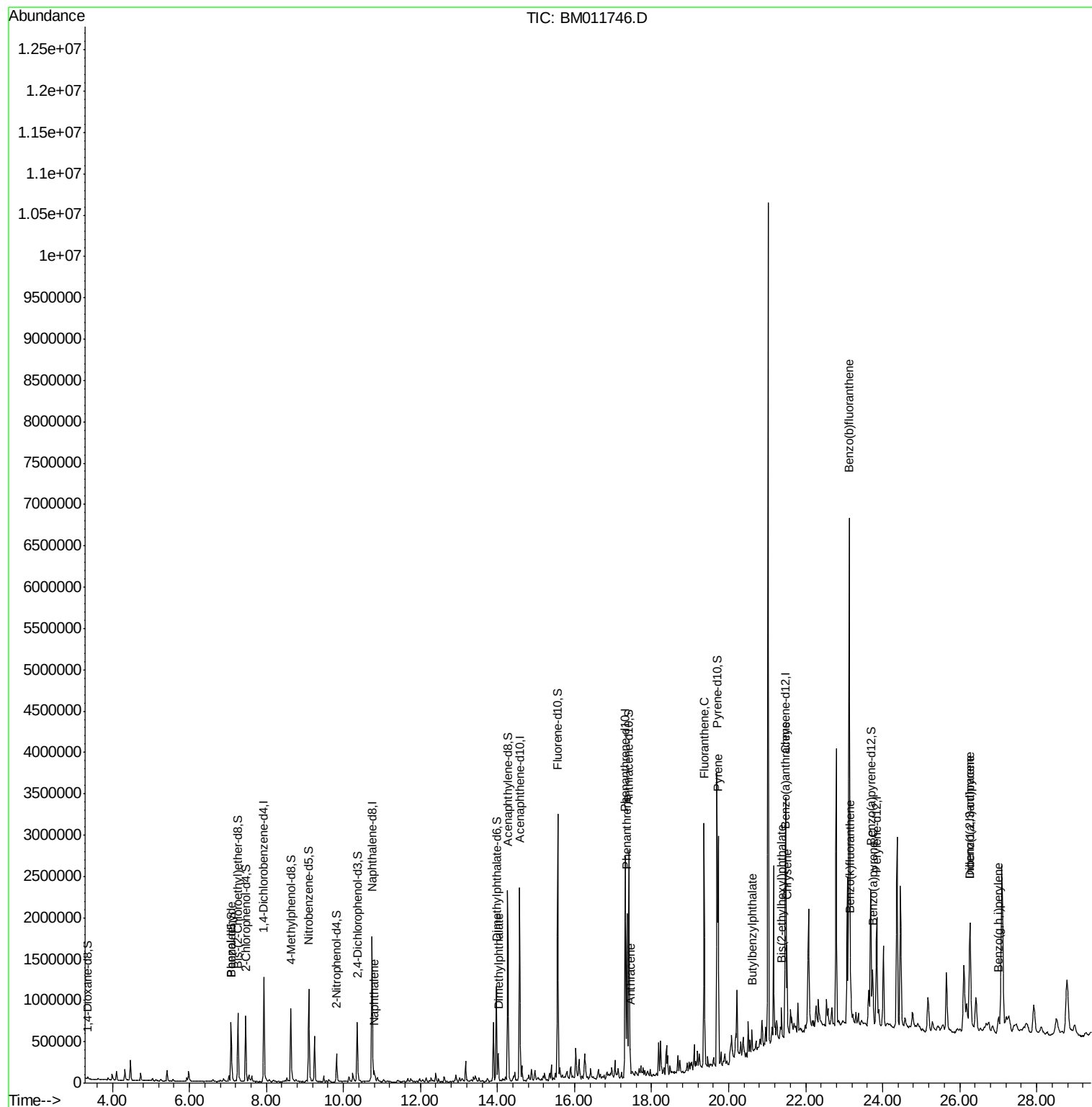
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011746.D
Acq On : 28 Sep 2017 04:58
Operator : SJ/JU
Sample : I5377-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

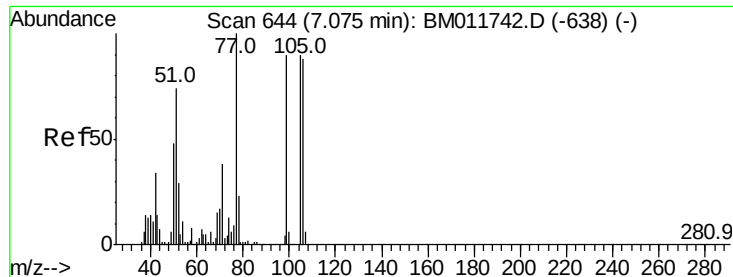
Instrument :
BNA_M
ClientSampleId :
CB3F0

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:10 PM

Quant Time: Sep 29 10:34:56 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





#4

Benzaldehyde

Concen: 2.010 ng/ul

RT: 7.08 min Scan# 645

Delta R.T. 0.01 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Instrument :

BNA_M

ClientSampleId :

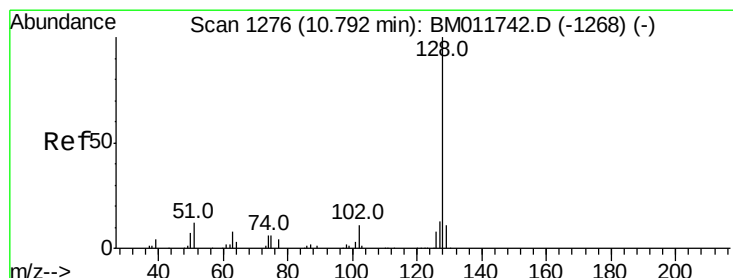
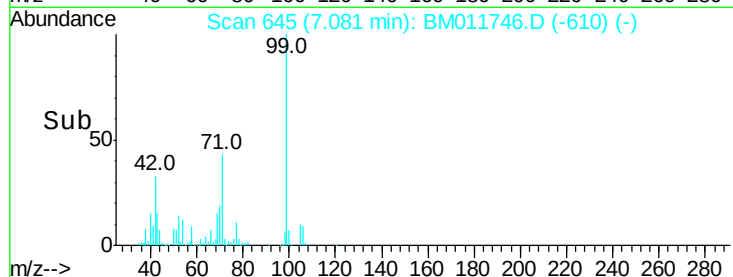
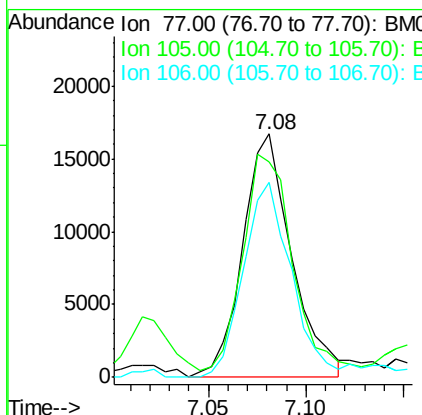
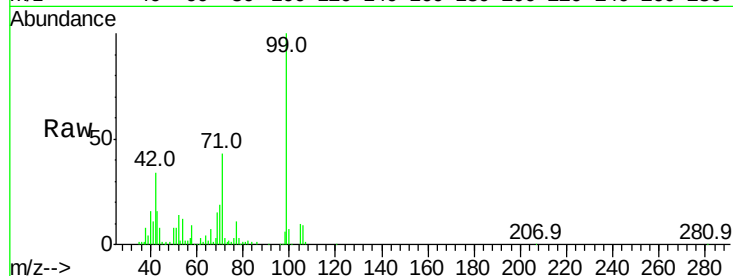
CB3F0

Tot Ion:	77	Resp:	29087
Ion Ratio	Lower	Upper	
77	100		
105	88.3	66.1	99.1
106	80.1	67.8	101.6

Manual Integrations
APPROVED

Sohil

9/29/2017 2:23:10 PM



#28

Naphthalene

Concen: 1.344 ng/ul

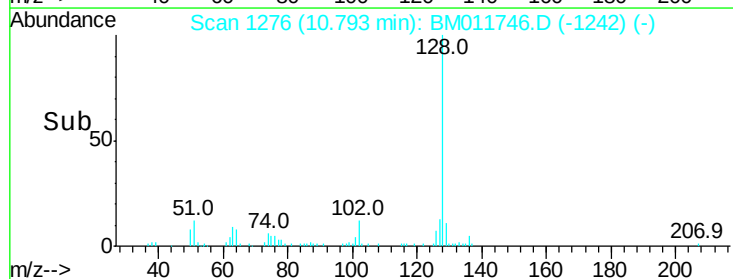
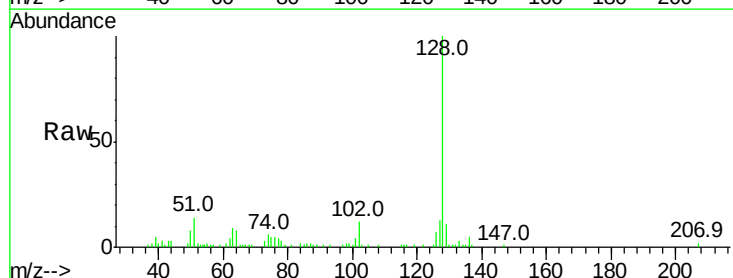
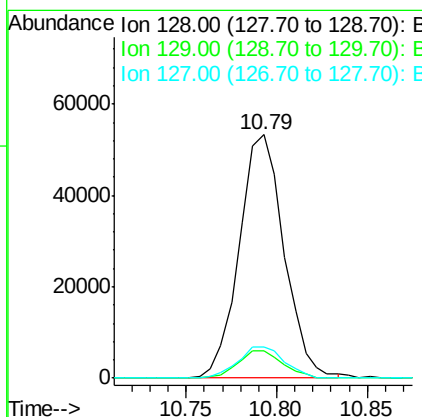
RT: 10.79 min Scan# 1276

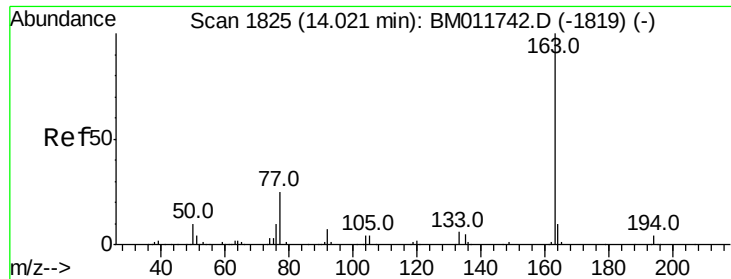
Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Tgt Ion:	128	Resp:	91835
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.0	10.6	16.0





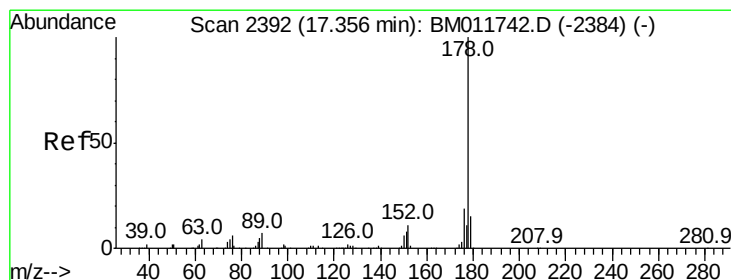
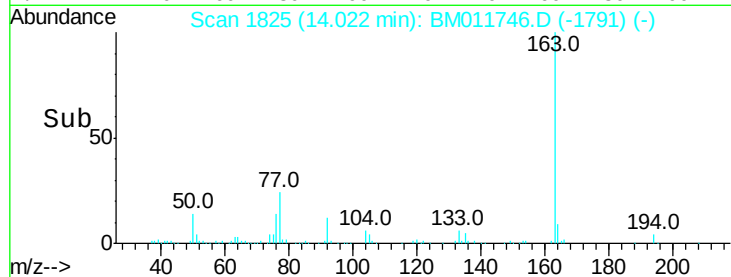
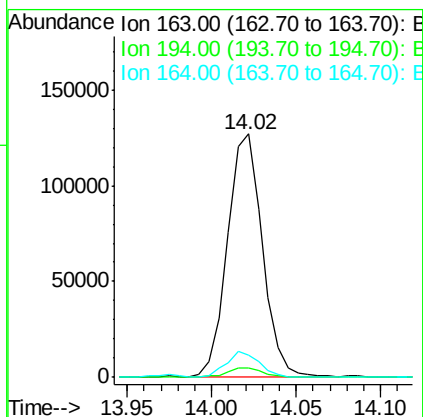
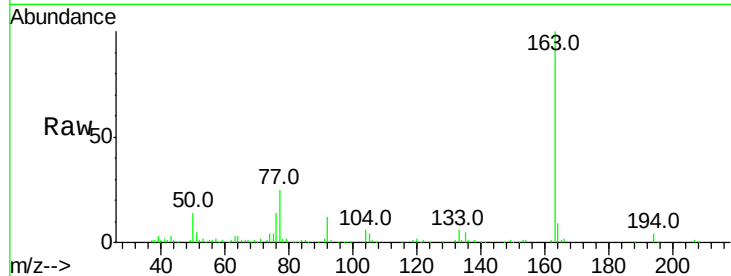
#44
 Dimethylphthalate
 Concen: 3.106 ng/ul
 RT: 14.02 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BM011746.D
 Acq: 28 Sep 2017 04:58

Instrument :
 BNA_M
 ClientSampleId :
 CB3F0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	183277		
194	4.0		3.5	5.3
164	9.0		8.2	12.4

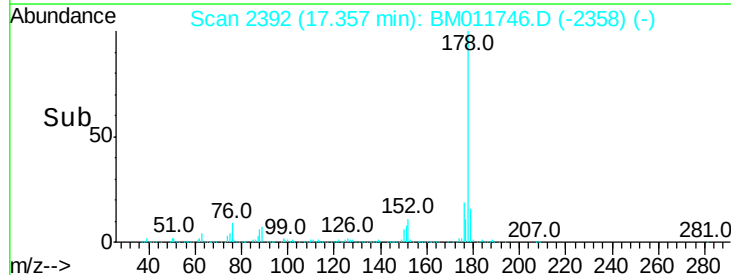
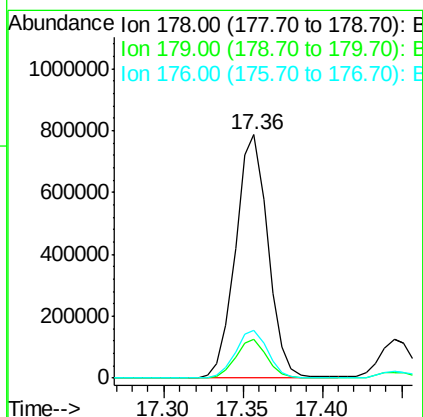
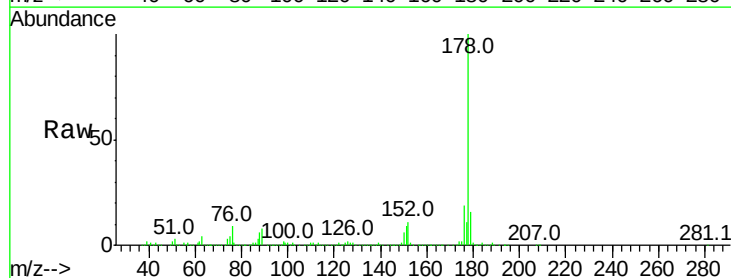
Manual Integrations
 APPROVED

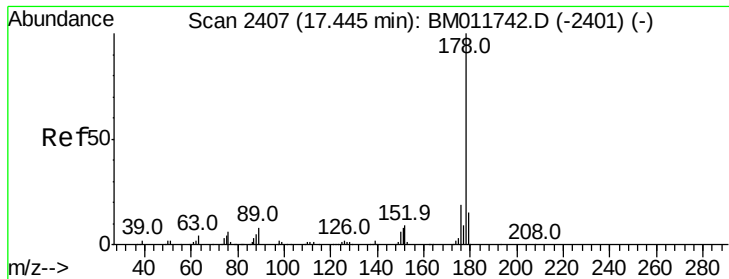
Sohil
 9/29/2017 2:23:10 PM



#69
 Phenanthrene
 Concen: 13.194 ng/ul
 RT: 17.36 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM011746.D
 Acq: 28 Sep 2017 04:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1108294		
179	15.8		12.6	19.0
176	19.5		14.9	22.3





#71

Anthracene

Concen: 1.998 ng/ul

RT: 17.45 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Instrument :

BNA_M

ClientSampleId :

CB3F0

Tot Ion:178 Resp: 172916

Ion Ratio Lower Upper

178 100

179 15.6 11.7 17.5

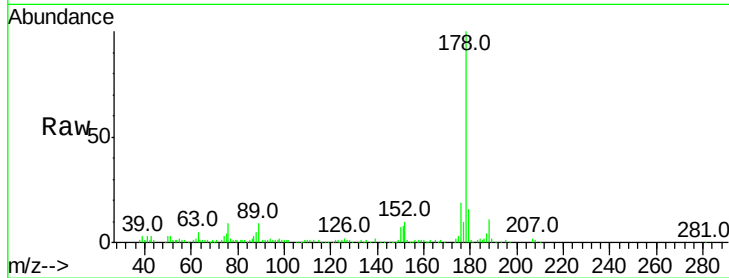
176 19.2 14.6 21.8

Manual Integrations

APPROVED

Sohil

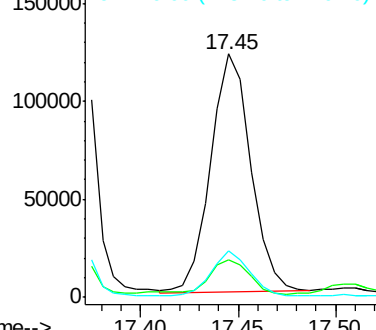
9/29/2017 2:23:10 PM



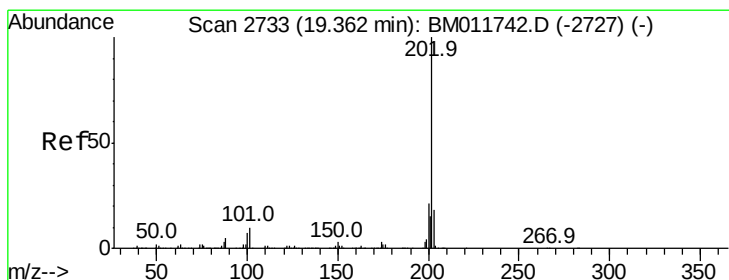
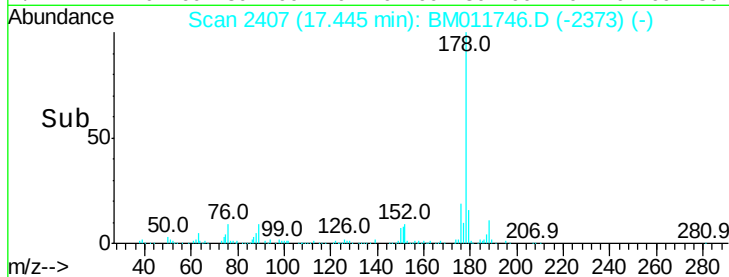
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Fluoranthene

Concen: 16.793 ng/ul

RT: 19.36 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

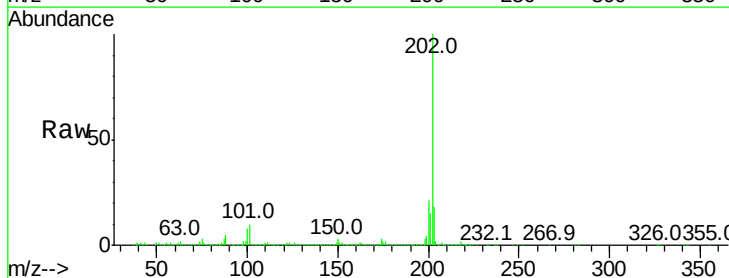
Tgt Ion:202 Resp: 1722359

Ion Ratio Lower Upper

202 100

101 10.3 4.6 7.0#

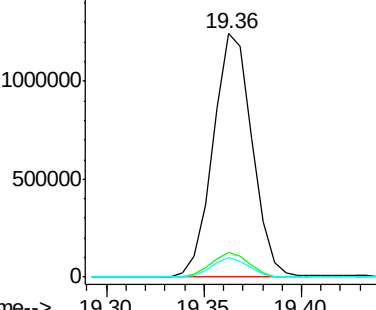
100 7.8 3.4 5.2#



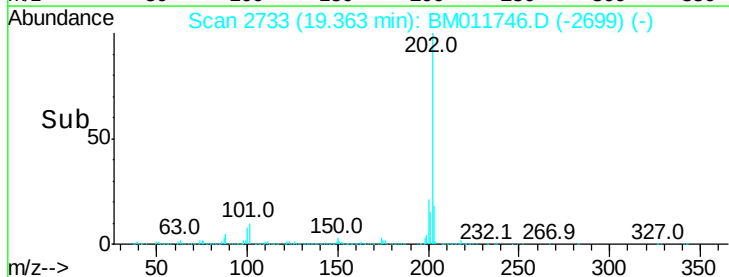
Abundance Ion 202.00 (201.70 to 202.70): E

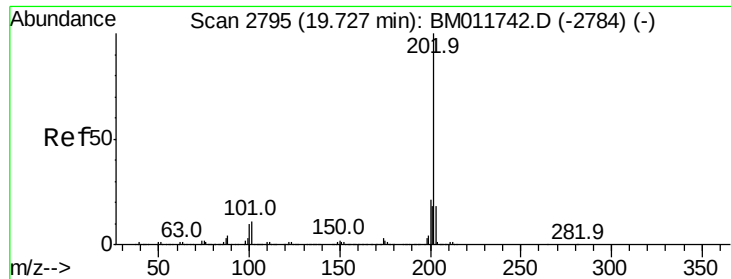
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 23.101 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Instrument :

BNA_M

ClientSampleId :

CB3F0

Tot Ion:202 Resp: 1555176

Ion Ratio Lower Upper

202 100

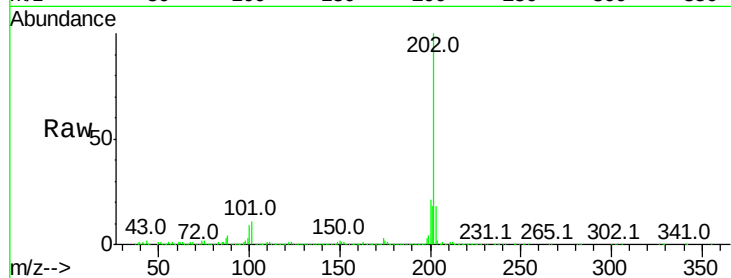
101 11.4 5.1 7.7#

100 9.1 4.9 7.3#

Manual Integrations
APPROVED

Sohil

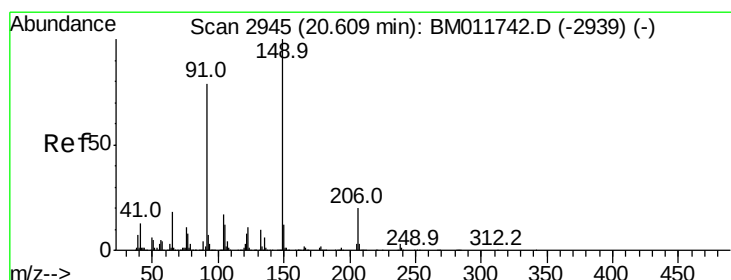
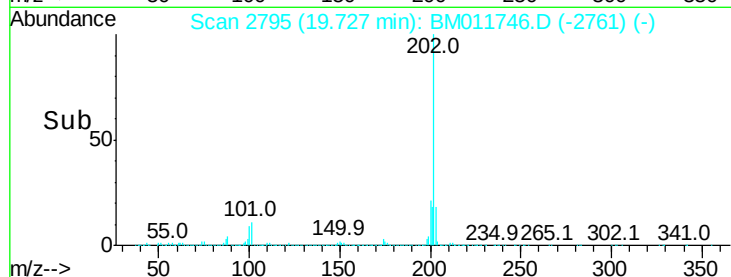
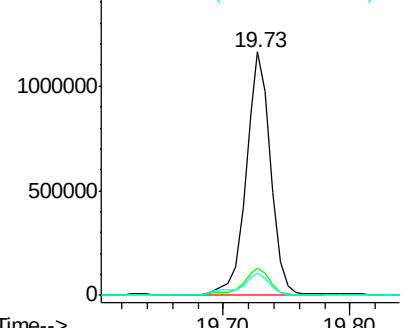
9/29/2017 2:23:10 PM



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



#78

Butylbenzylphthalate

Concen: 2.865 ng/ul

RT: 20.61 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

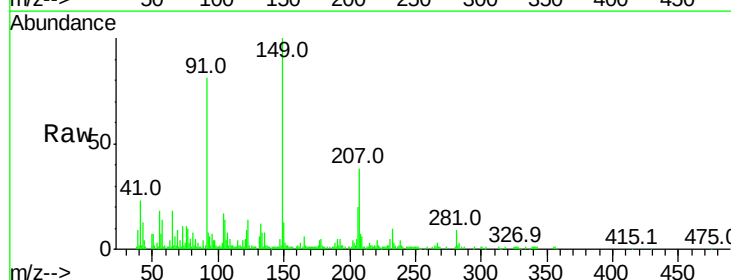
Tgt Ion:149 Resp: 80606

Ion Ratio Lower Upper

149 100

91 80.9 62.7 94.1

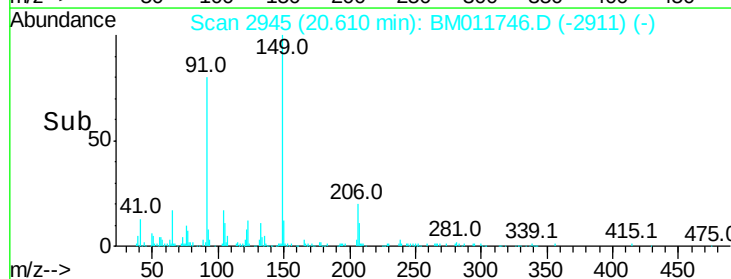
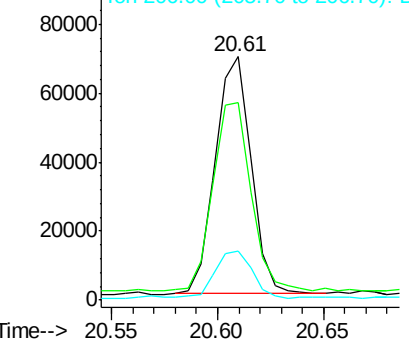
206 20.0 20.8 31.2#

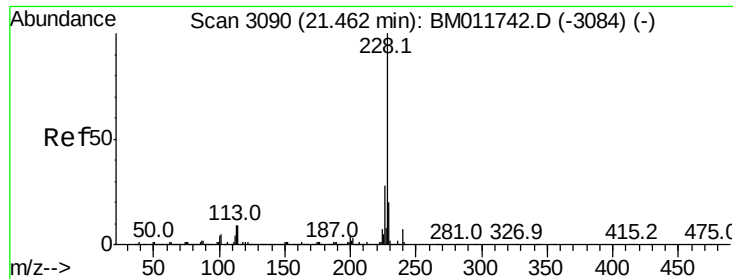


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 9.663 ng/ul

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Instrument :

BNA_M

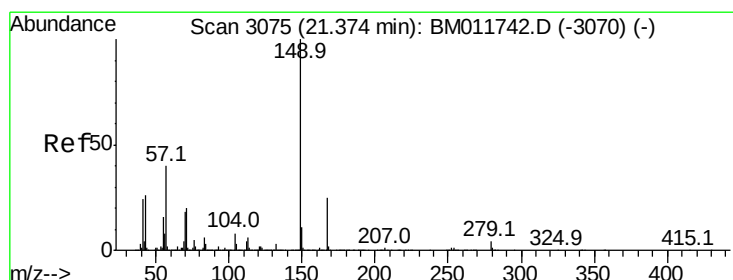
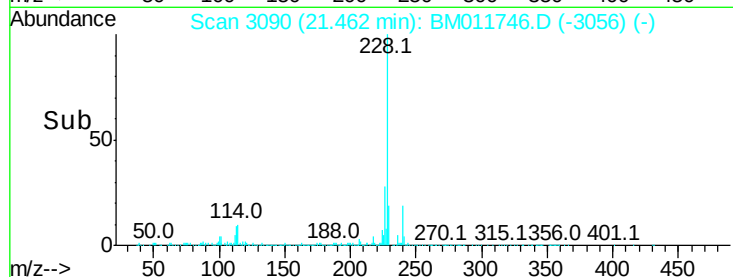
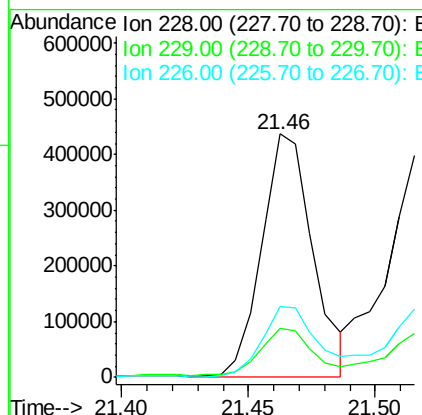
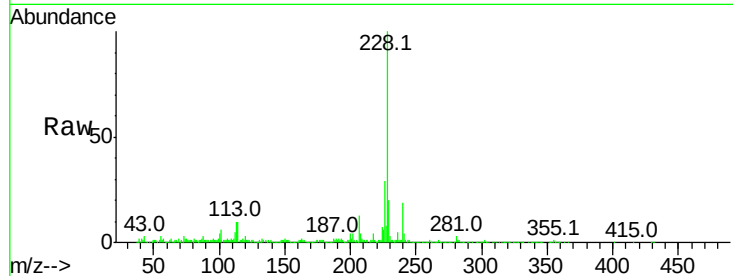
ClientSampled :

CB3F0

Tot Ion:	228	Resp:	610742
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.4	23.0
226	28.9	21.4	32.0

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:10 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.225 ng/ul

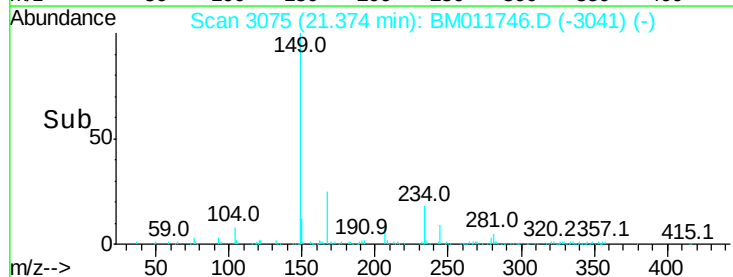
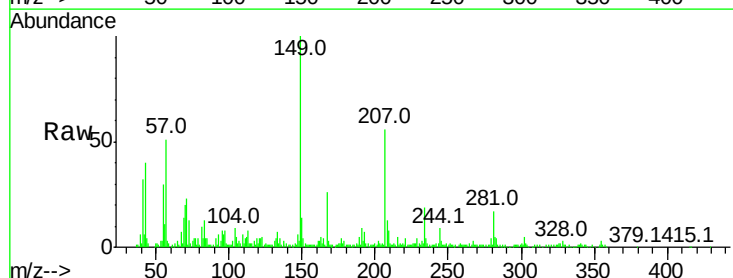
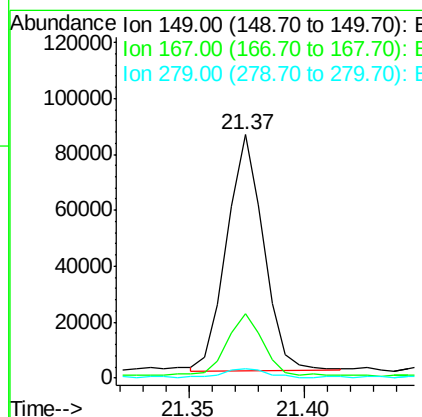
RT: 21.37 min Scan# 3075

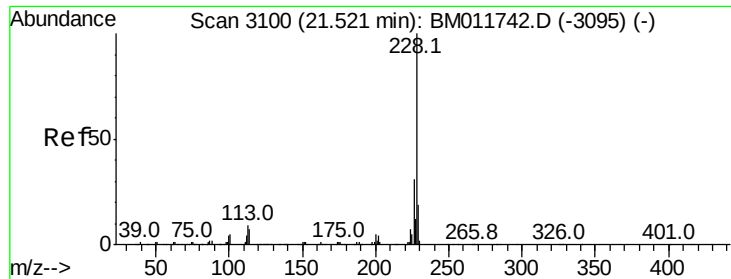
Delta R.T. 0.00 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Tgt Ion:	149	Resp:	93453
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.8	34.2
279	3.7	4.9	7.3#





#82

Chrysene

Concen: 10.469 ng/ul

RT: 21.52 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Instrument :

BNA_M

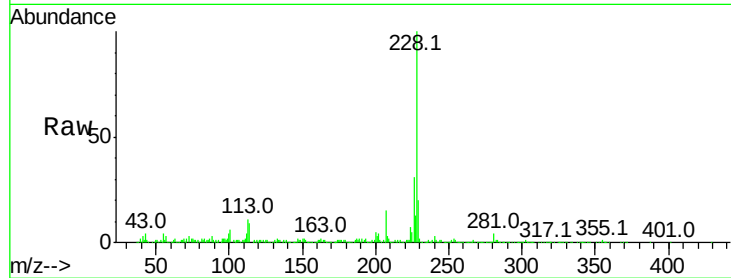
ClientSampled :

CB3F0

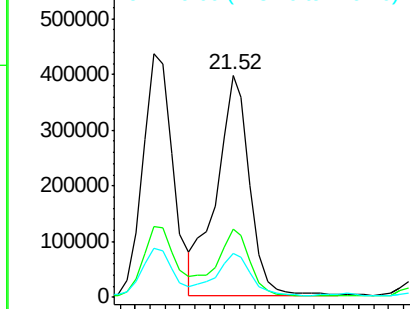
Tot Ion:	228	Resp:	624051
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	19.9	15.5	23.3

Manual Integrations
APPROVED

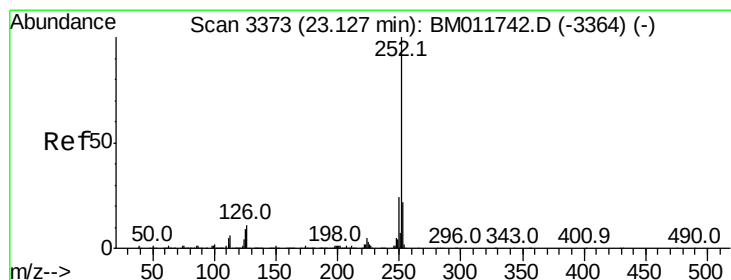
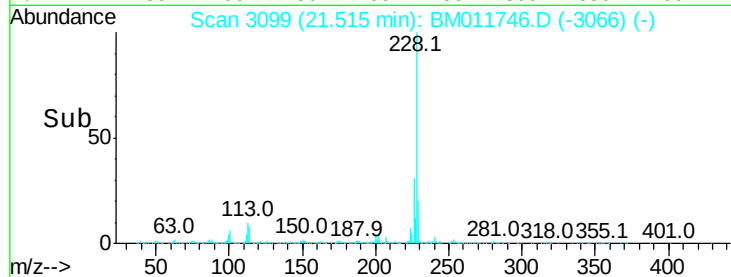
Sohil
9/29/2017 2:23:10 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.45 21.50 21.55 21.60



#85

Benzo(b)fluoranthene

Concen: 12.395 ng/ul

RT: 23.13 min Scan# 3373

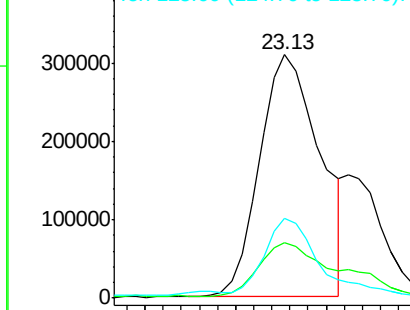
Delta R.T. 0.00 min

Lab File: BM011746.D

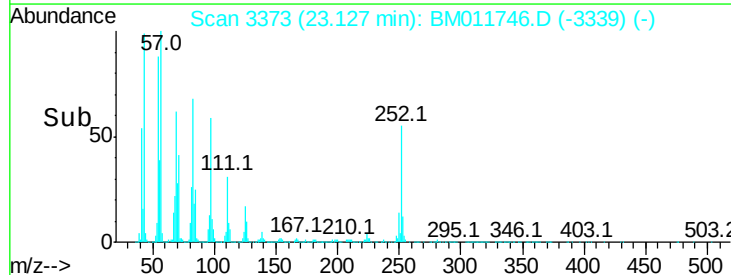
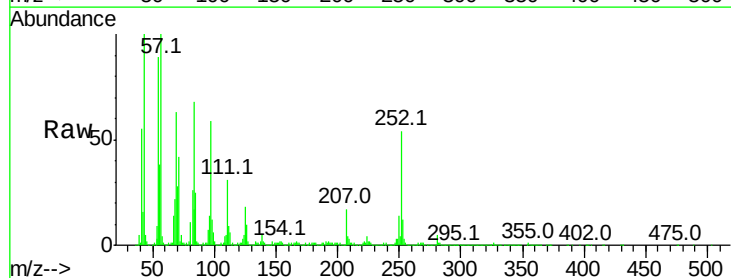
Acq: 28 Sep 2017 04:58

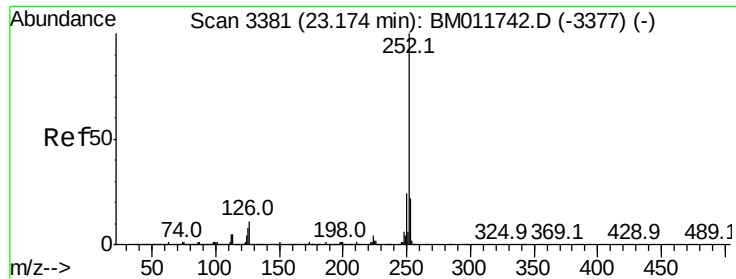
Tgt Ion:	252	Resp:	717792
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	32.8	3.6	5.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.05 23.10 23.15





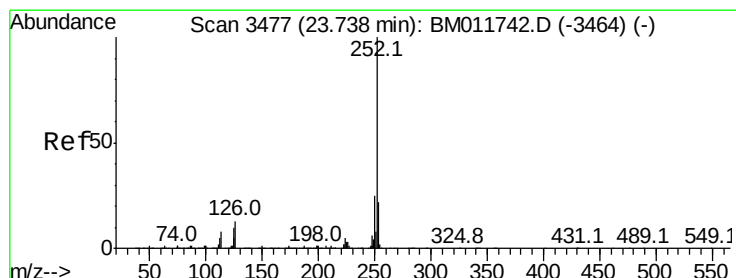
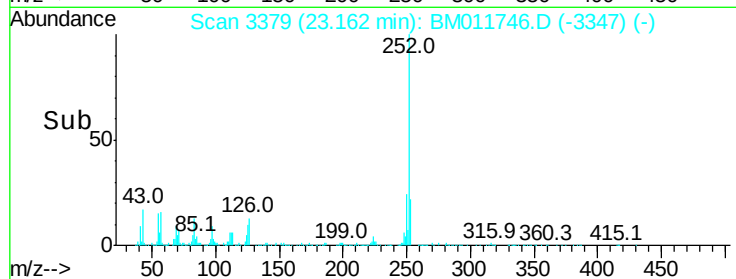
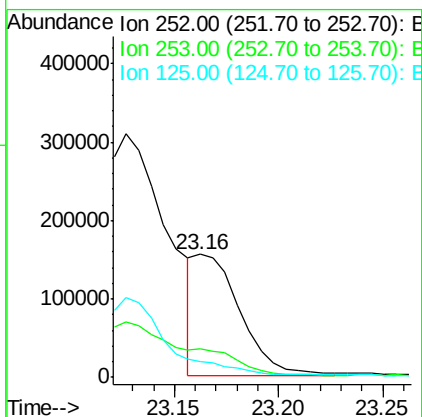
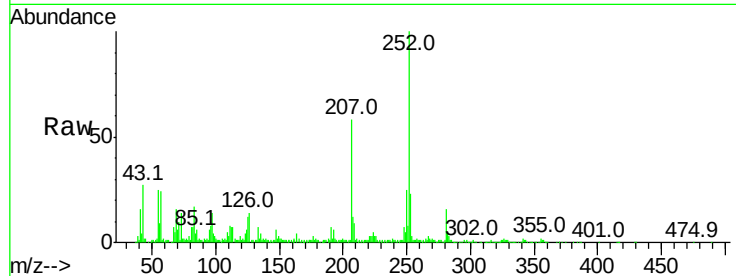
#86
Benzo(k)fluoranthene
Concen: 3.950 ng/ul m
RT: 23.16 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM011746.D
Acq: 28 Sep 2017 04:58

Instrument :
BNA_M
ClientSampleId :
CB3F0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.1	25.7
125	12.5	3.4	5.2

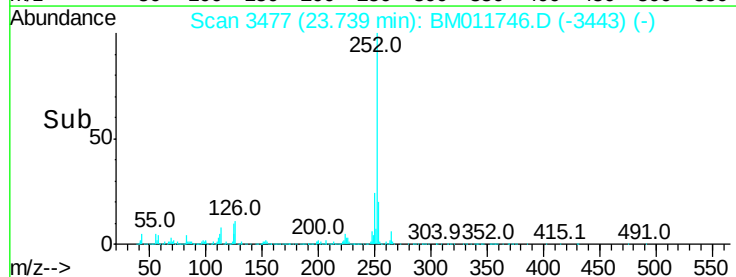
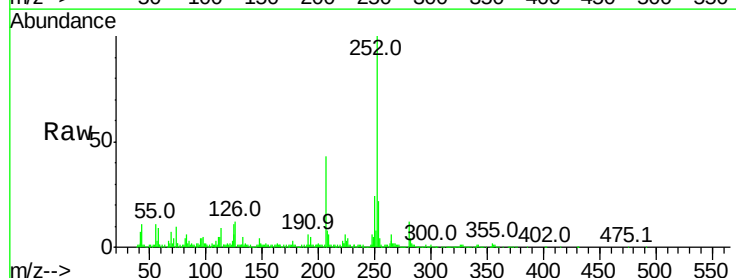
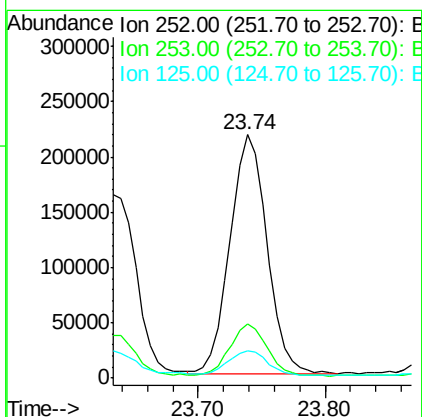
Manual Integrations
APPROVED

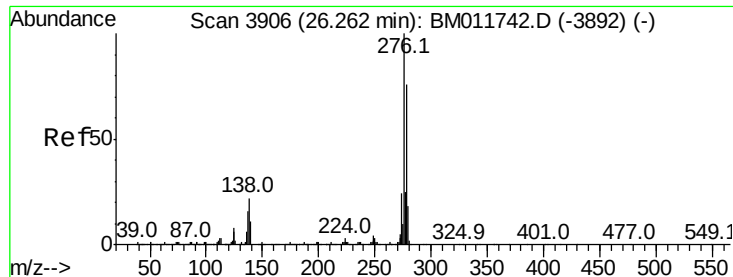
Sohil
9/29/2017 2:23:10 PM



#88
Benzo(a)pyrene
Concen: 7.853 ng/ul
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM011746.D
Acq: 28 Sep 2017 04:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.2	4.0	6.0





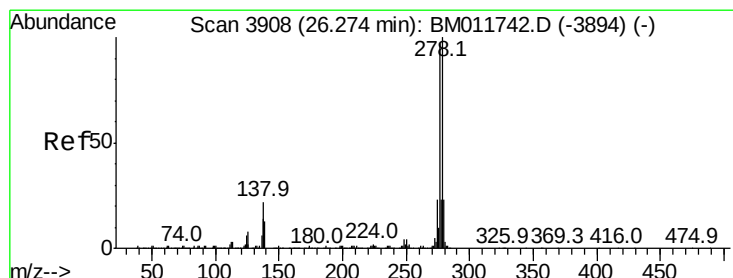
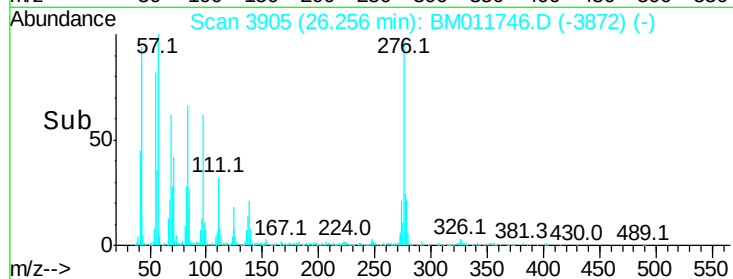
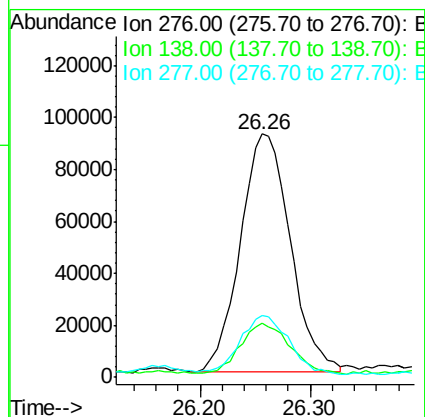
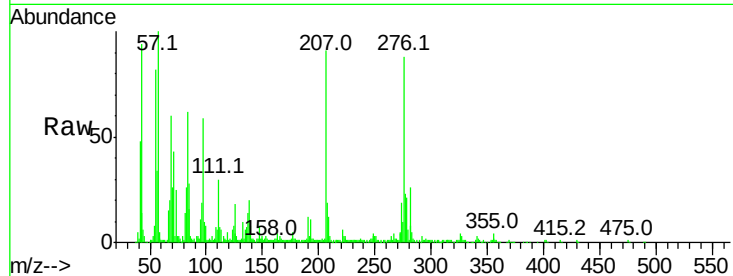
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.968 ng/ul
 RT: 26.26 min Scan# 3905
 Delta R.T. -0.01 min
 Lab File: BM011746.D
 Acq: 28 Sep 2017 04:58

Instrument :
 BNA_M
 ClientSampleId :
 CB3F0

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	9.3	13.9#
277	25.4	19.9	29.9

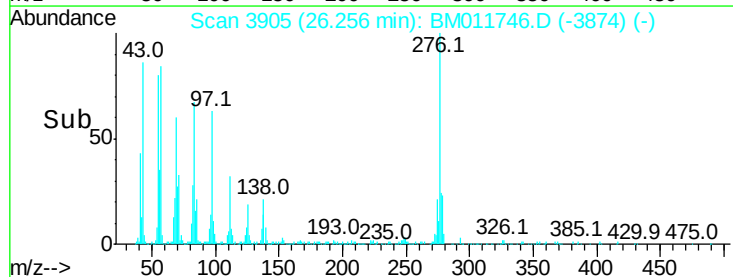
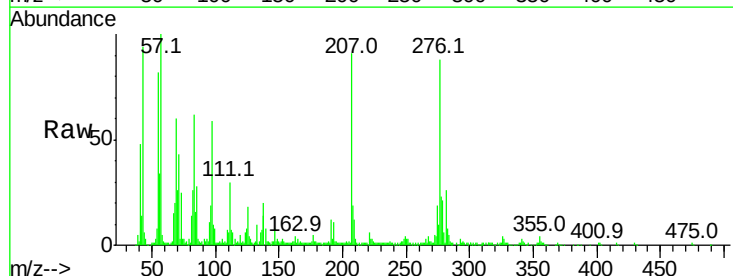
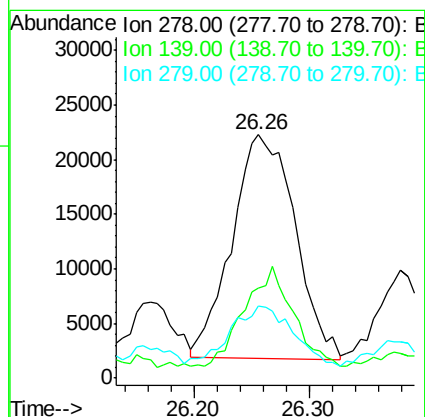
Manual Integrations
 APPROVED

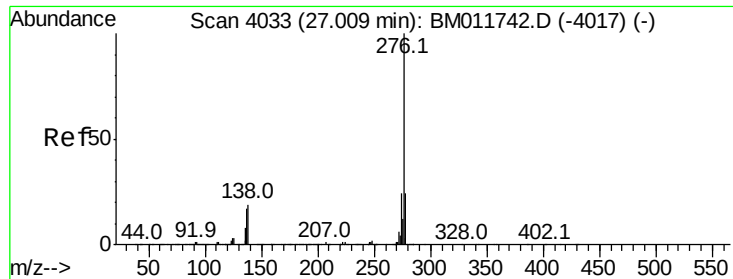
Sohil
 9/29/2017 2:23:10 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.593 ng/ul
 RT: 26.26 min Scan# 3905
 Delta R.T. -0.02 min
 Lab File: BM011746.D
 Acq: 28 Sep 2017 04:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.9	5.8	8.8#
279	29.6	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 5.632 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.01 min

Lab File: BM011746.D

Acq: 28 Sep 2017 04:58

Instrument :

BNA_M

ClientSampleId :

CB3F0

Tot Ion:	276	Resp:	272214
Ion Ratio	Lower	Upper	
276	100		
138	20.8	8.5	12.7#
277	24.1	18.6	28.0

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:10 PM

