

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011674.D
 Acq On : 22 Sep 2017 03:31
 Operator : SJ/JU
 Sample : I5283-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3C3

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:06:32 PM

Quant Time: Sep 22 09:05:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 08:34:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	457554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2105398	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1176132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2493183	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2040800	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1618248	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	19618	1.93	ng/uL	0.00
5) Phenol-d5	7.11	99	395131	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	359063	12.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	360015	10.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	271788	7.92	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	193680	12.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	206263	12.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	324461	9.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	65380m	1.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1158797	11.65	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1423051	11.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	67696m	3.62	ng/ul	0.00
58) Fluorene-d10	15.58	176	1004938	11.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	85301	5.88	ng/ul	0.00
71) Anthracene-d10	17.43	188	1455637	11.86	ng/ul	0.00
79) Pyrene-d10	19.72	212	1588180	16.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	884977	11.48	ng/ul	0.00
Target Compounds						
4) Benzaldehyde	7.10	77	25420	1.013	ng/ul	91
6) Phenol	7.13	94	50463	1.157	ng/ul#	85
45) Dimethylphthalate	14.04	163	362302	3.806	ng/ul#	98
70) Phenanthrene	17.37	178	1450809	10.440	ng/ul	100
72) Anthracene	17.46	178	282697	1.982	ng/ul	98
75) Carbazole	17.73	167	127216	1.046	ng/ul#	97
77) Fluoranthene	19.38	202	2490950	17.427	ng/ul#	90
80) Pyrene	19.74	202	2117642	17.785	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	976902	8.694	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	281650	3.349	ng/ul#	97
85) Chrysene	21.53	228	896329	8.799	ng/ul	98
88) Benzo(b)fluoranthene	23.14	252	1026883	10.548	ng/ul#	89
89) Benzo(k)fluoranthene	23.19	252	310128m	3.317	ng/ul	
91) Benzo(a)pyrene	23.76	252	637936	6.942	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.29	276	400474	3.962	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.29	278	109984	1.283	ng/ul#	89
94) Benzo(g,h,i)perylene	27.04	276	384801	4.701	ng/ul#	94

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

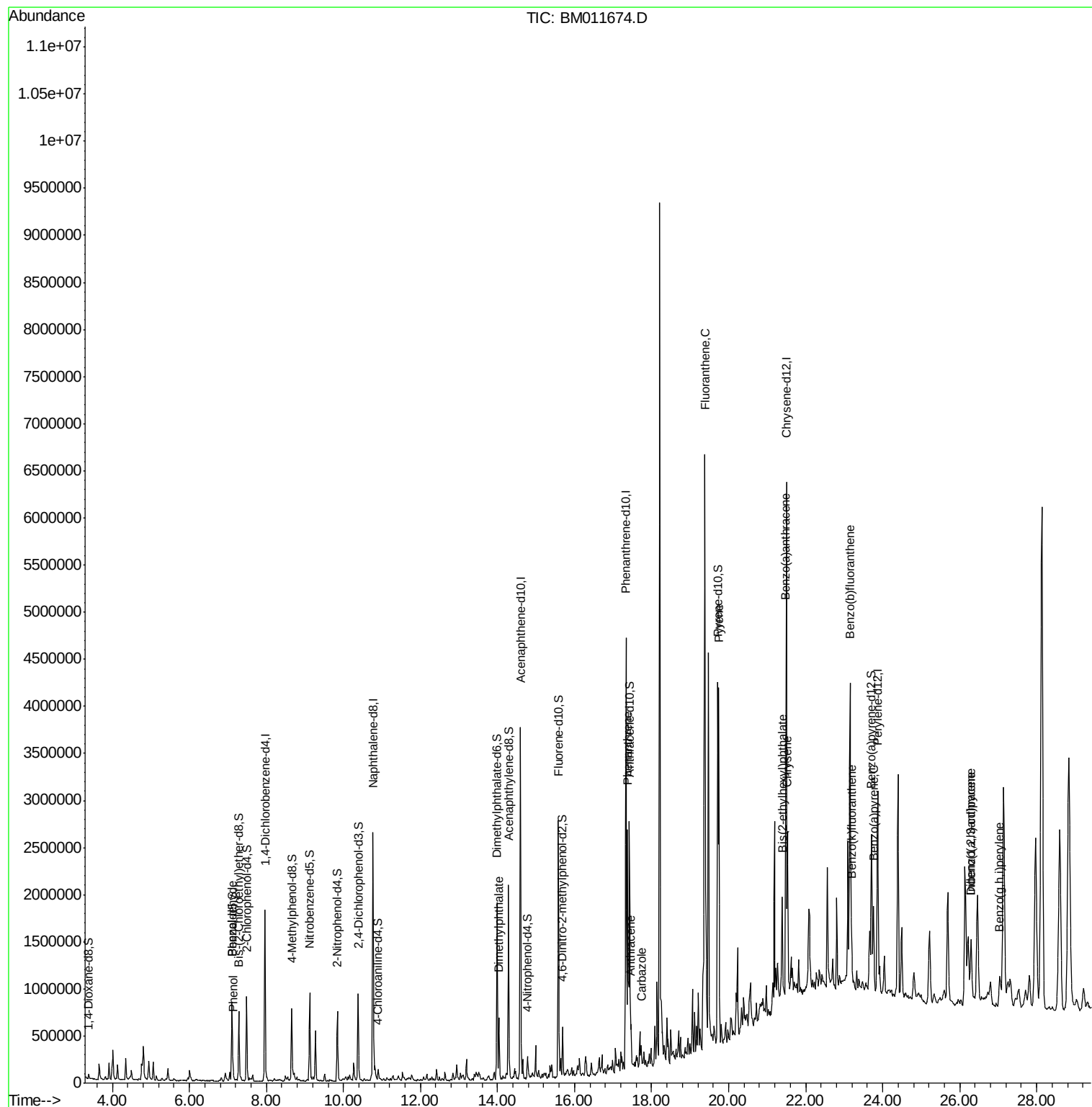
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011674.D
Acq On : 22 Sep 2017 03:31
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Sample : I5283-20
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ALS Vial : 25 Sample Multiplier: 1

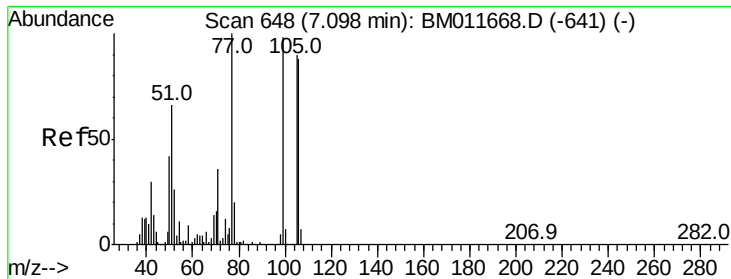
Instrument :
BNA_M
ClientSampled :
CB3C3

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Quant Time: Sep 22 09:05:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.013 ng/ul

RT: 7.10 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

ClientSampleId :

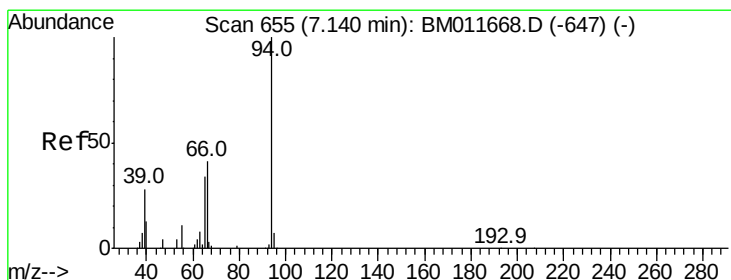
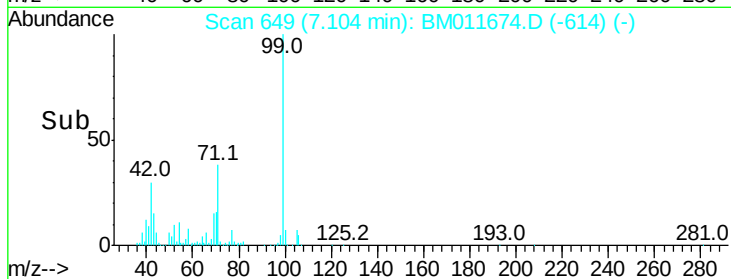
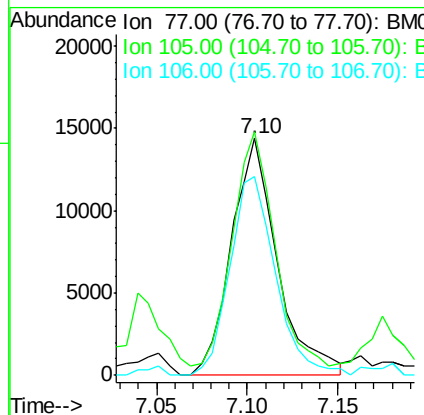
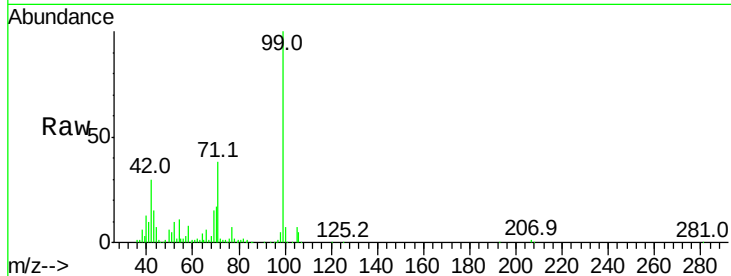
CB3C3

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Tot Ion:	77	Resp:	25420
Ion	Ratio	Lower	Upper
77	100		
105	102.7	71.0	106.6
106	83.6	69.5	104.3



#6

Phenol

Concen: 1.157 ng/ul

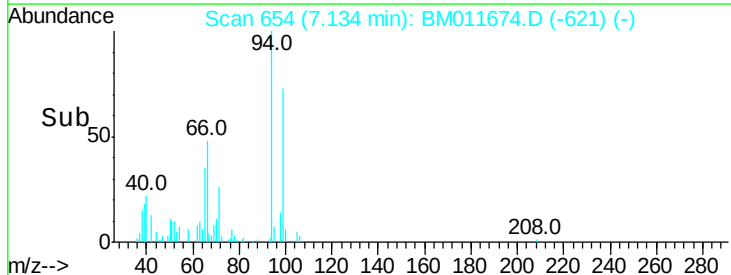
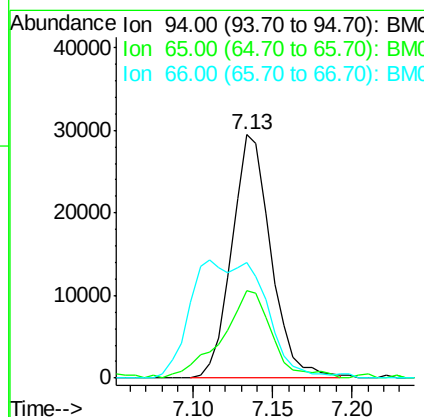
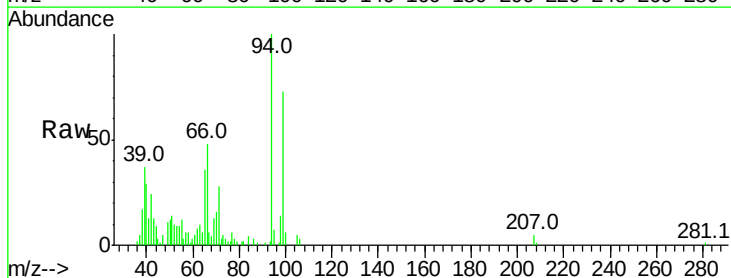
RT: 7.13 min Scan# 654

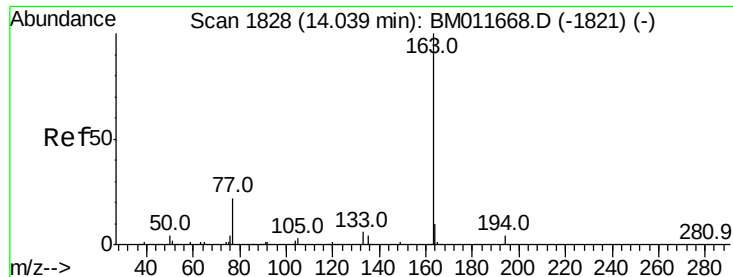
Delta R.T. -0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Tgt Ion:	94	Resp:	50463
Ion	Ratio	Lower	Upper
94	100		
65	35.9	23.0	34.6#
66	47.7	30.4	45.6#





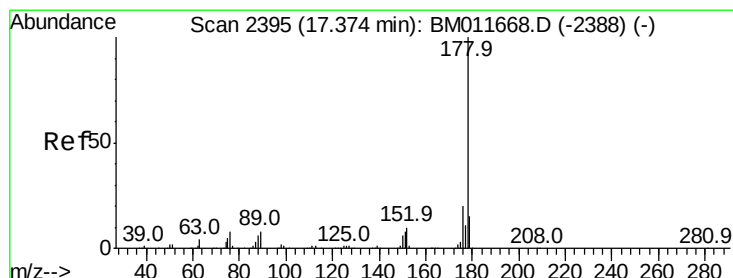
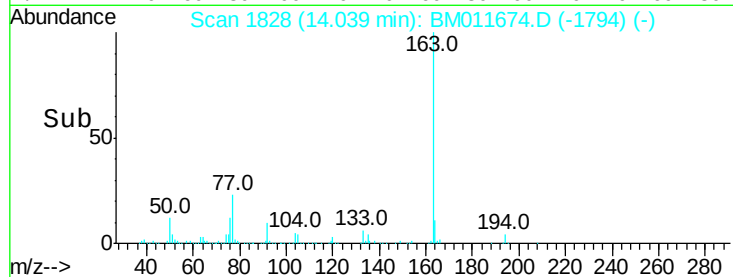
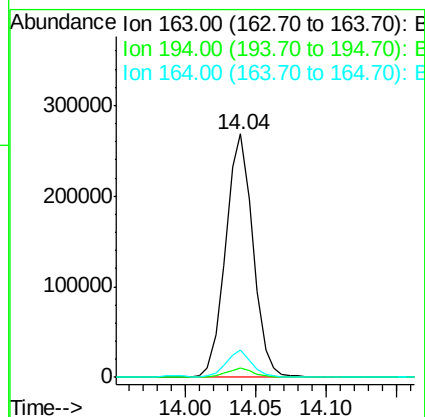
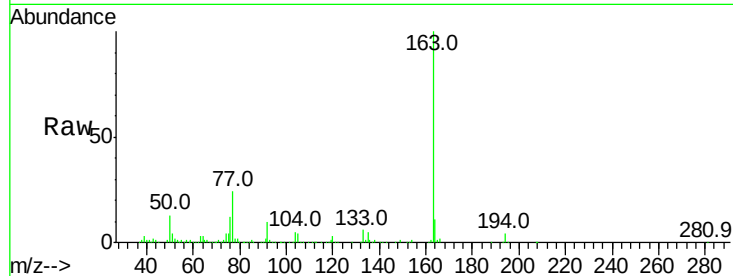
#45
Dimethylphthalate
Concen: 3.806 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Instrument :
BNA_M
ClientSampleId :
CB3C3

Tot Ion:	163	Resp:	362302
Ion Ratio	Lower	Upper	
163	100		
194	3.7	4.0	6.0#
164	11.0	8.4	12.6

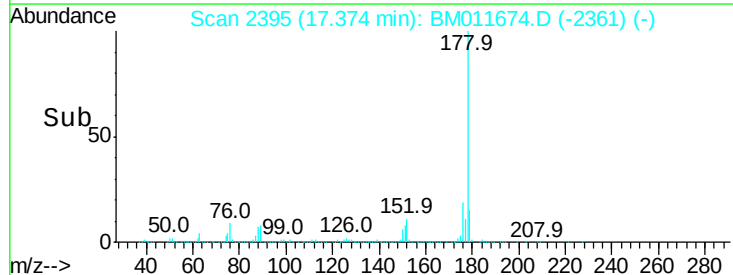
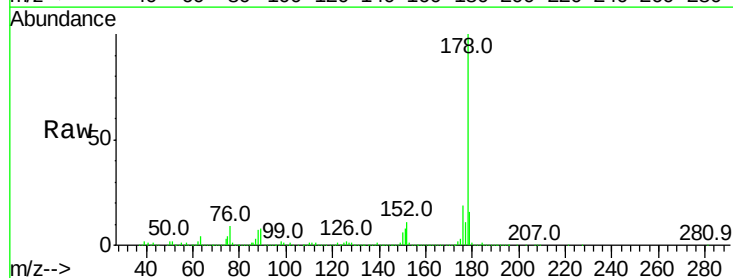
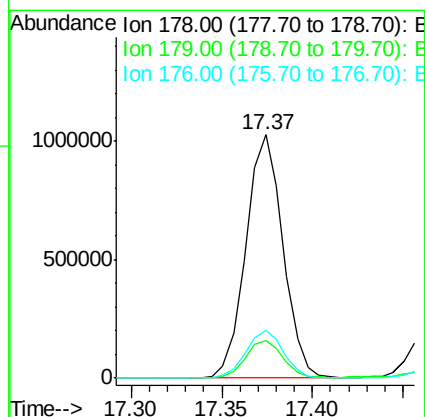
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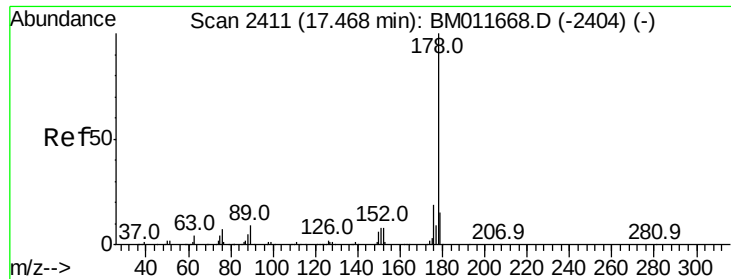
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#70
Phenanthrene
Concen: 10.440 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Tgt Ion:	178	Resp:	1450809
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.4	15.4	23.0





#72

Anthracene

Concen: 1.982 ng/ul

RT: 17.46 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

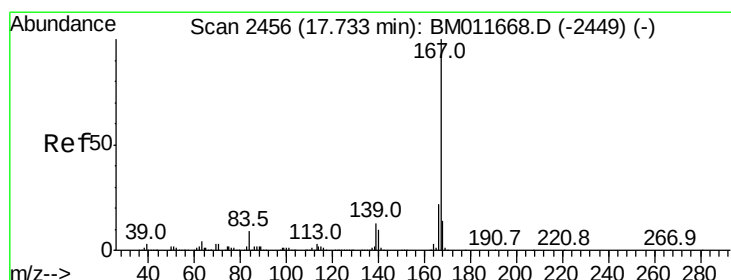
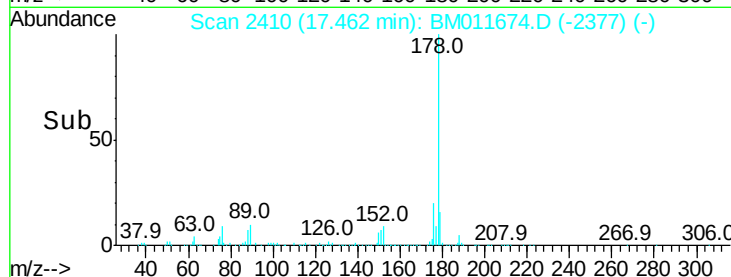
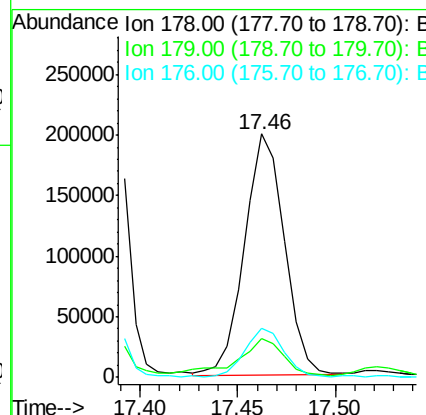
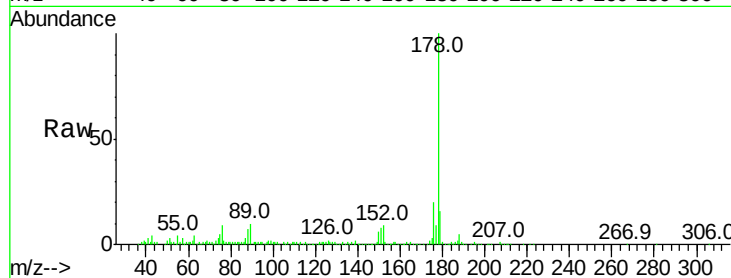
ClientSampled :

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Tot Ion:178	Resp:	282697
Ion Ratio	Lower	Upper
178	100	
179	15.7	13.4 20.2
176	19.9	15.4 23.0

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#75

Carbazole

Concen: 1.046 ng/ul

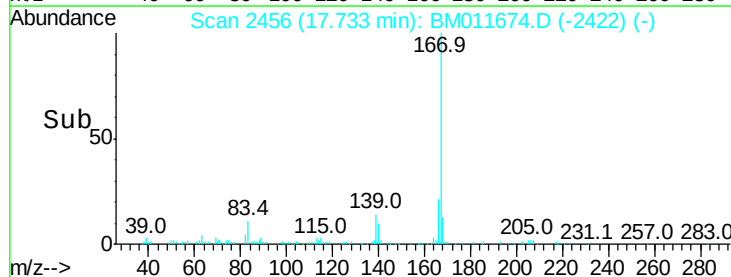
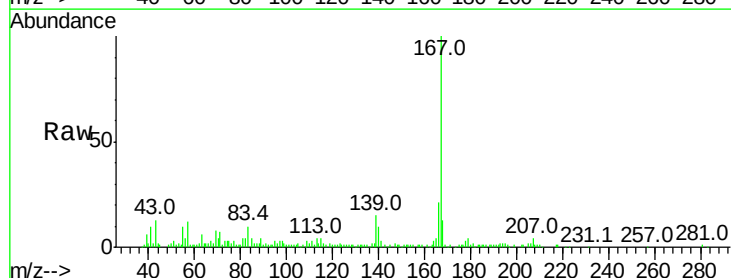
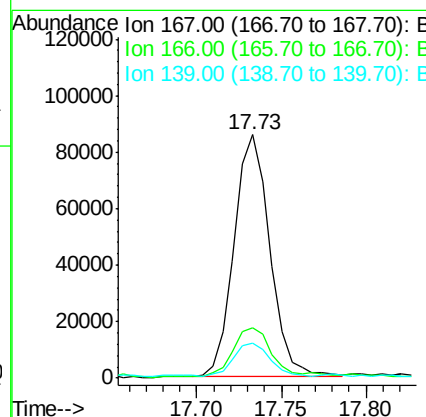
RT: 17.73 min Scan# 2456

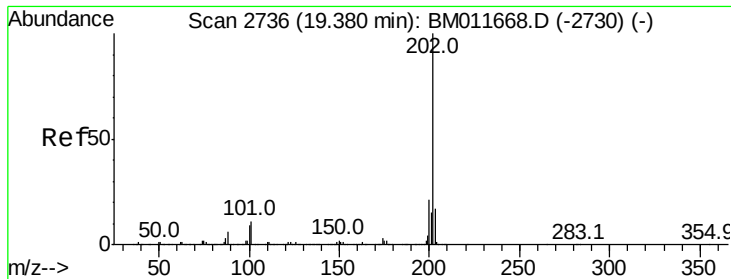
Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Tgt Ion:167	Resp:	127216
Ion Ratio	Lower	Upper
167	100	
166	20.9	17.0 25.4
139	14.6	9.1 13.7#





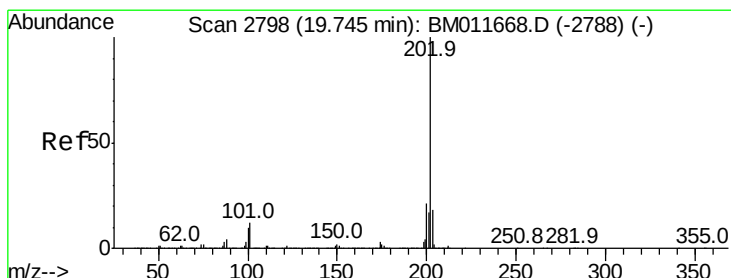
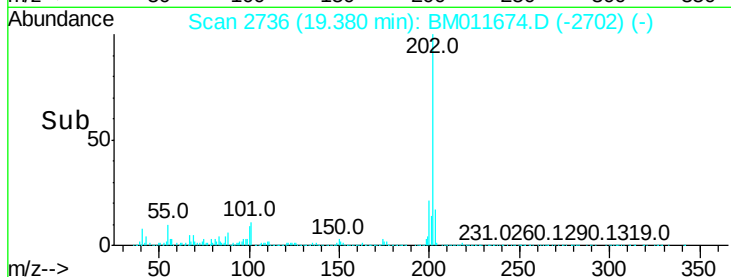
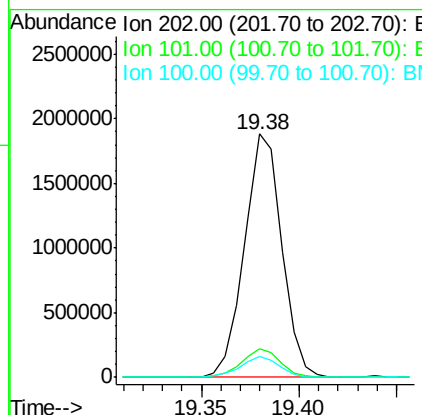
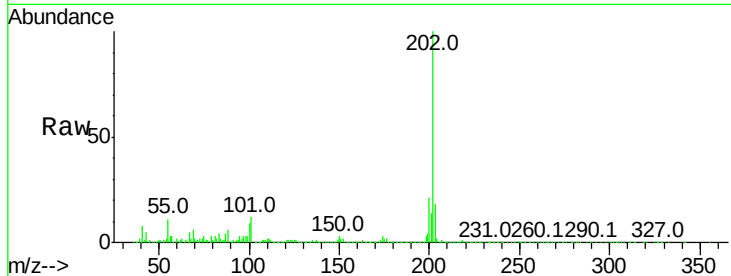
#77
Fluoranthene
 Concen: 17.427 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

Instrument :
 BNA_M
 ClientSampleID :
 CB3C3

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	6.1	9.1#
100	8.8	4.6	7.0#

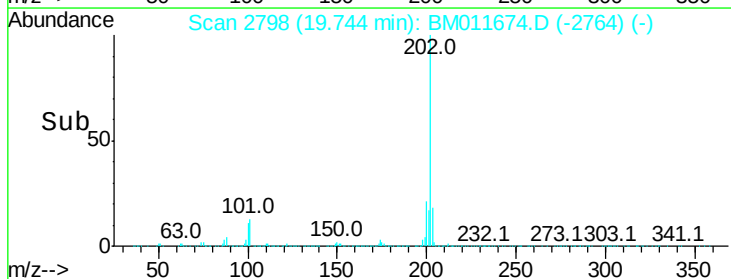
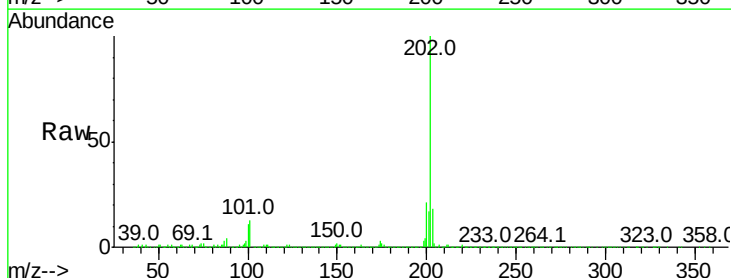
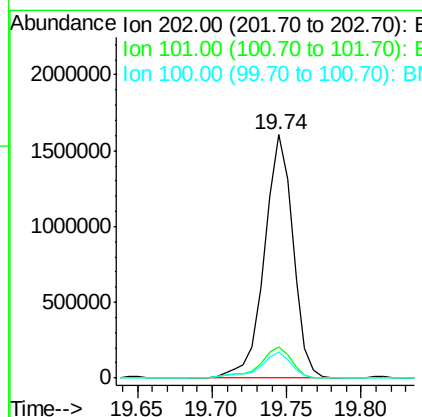
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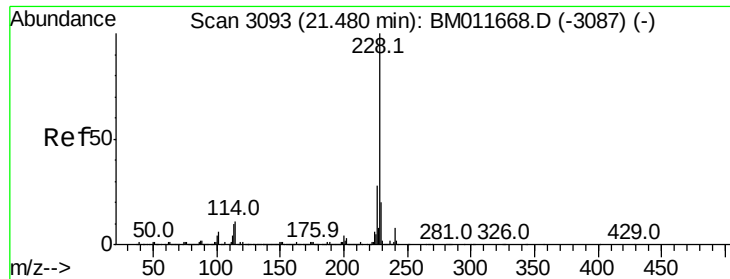
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#80
Pyrene
 Concen: 17.785 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	6.9	10.3#
100	10.6	5.6	8.4#





#83

Benzo(a)anthracene

Concen: 8.694 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

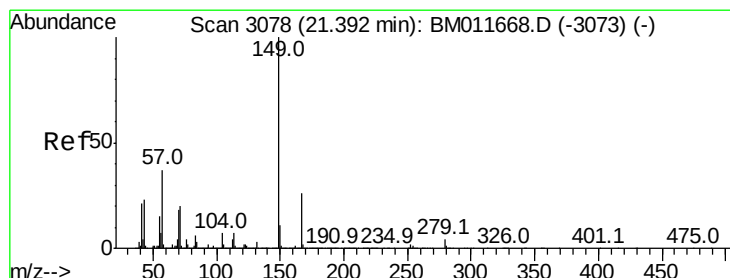
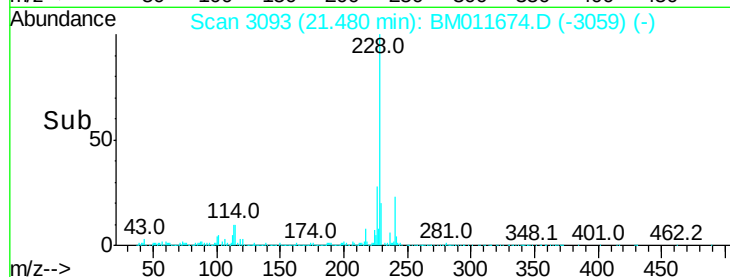
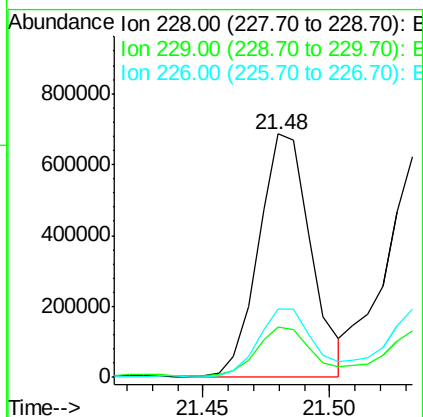
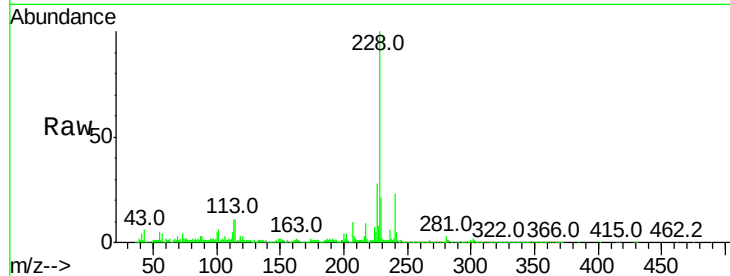
ClientSampled :

CB3C3

Tot Ion:	228	Resp:	976902
Ion Ratio	Lower	Upper	
228	100		
229	20.6	16.0	24.0
226	28.3	21.8	32.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 3.349 ng/ul

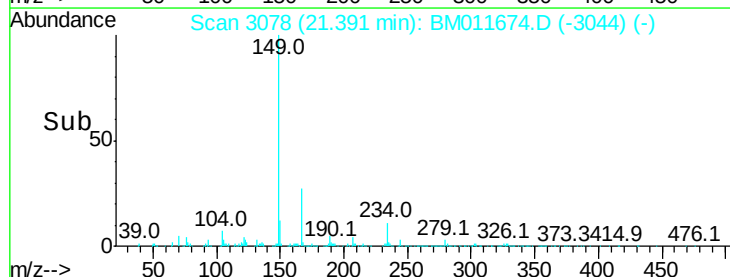
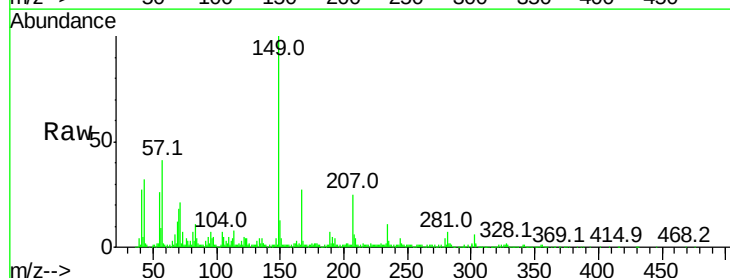
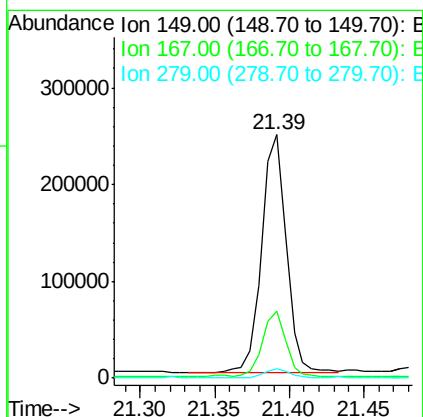
RT: 21.39 min Scan# 3078

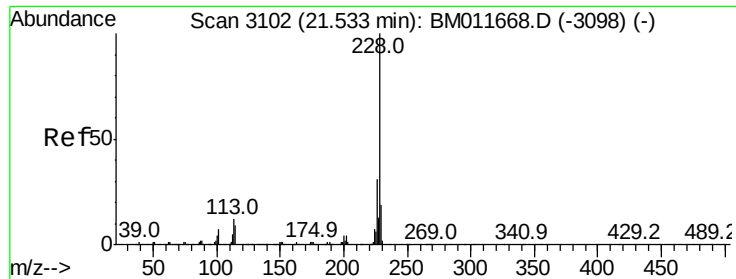
Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Tgt Ion:	149	Resp:	281650
Ion Ratio	Lower	Upper	
149	100		
167	27.3	23.0	34.6
279	3.7	4.3	6.5#





#85

Chrysene

Concen: 8.799 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

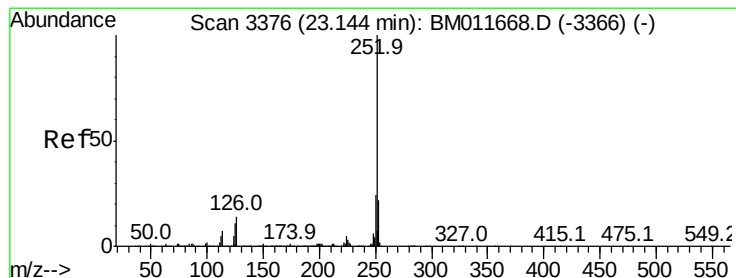
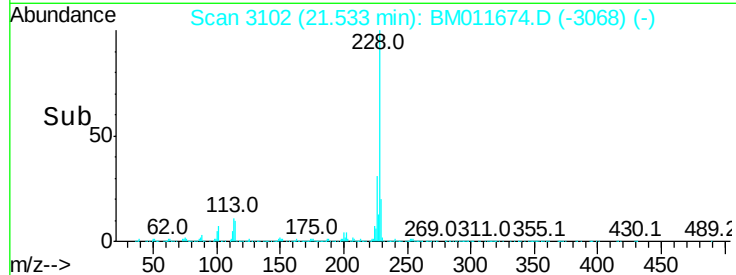
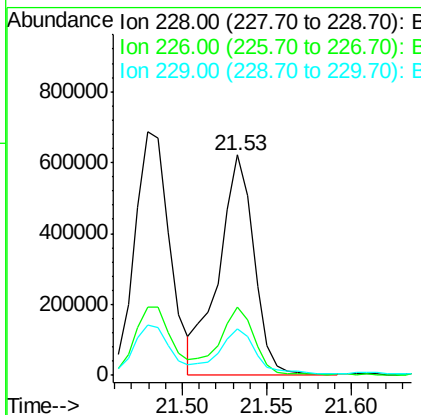
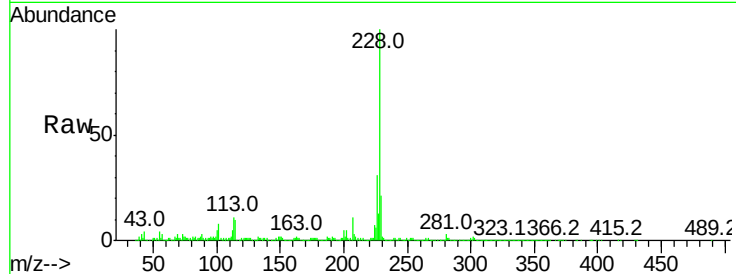
ClientSampled :

CB3C3

Tot Ion:	228	Resp:	896329
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.1	36.1
229	21.0	16.0	24.0

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#88

Benzo(b)fluoranthene

Concen: 10.548 ng/ul

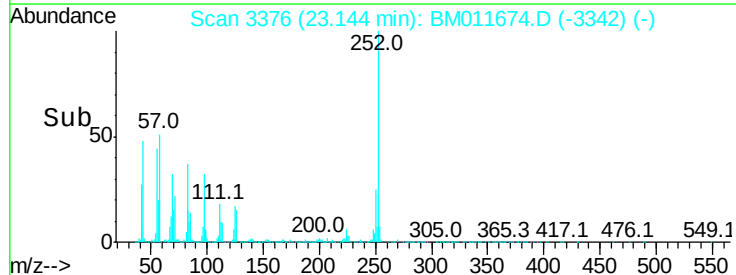
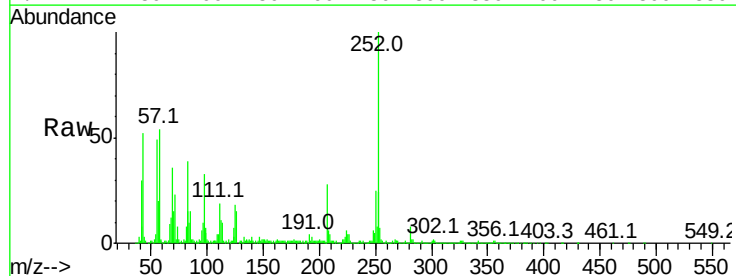
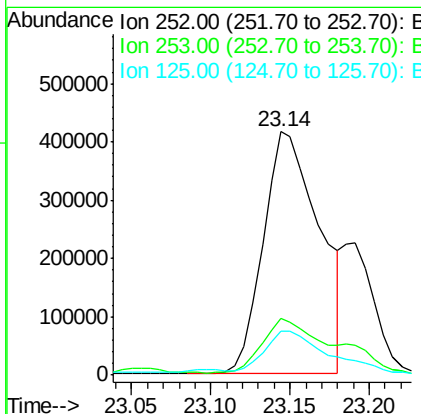
RT: 23.14 min Scan# 3376

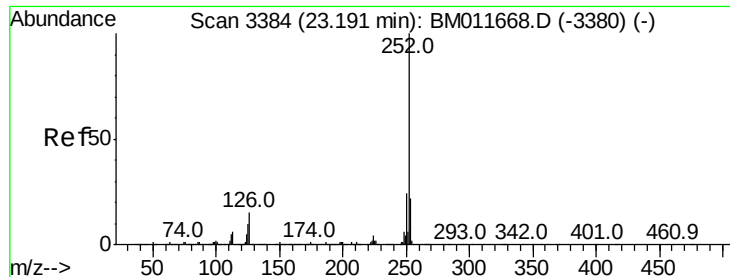
Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Tgt Ion:	252	Resp:	1026883
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	18.3	4.9	7.3#





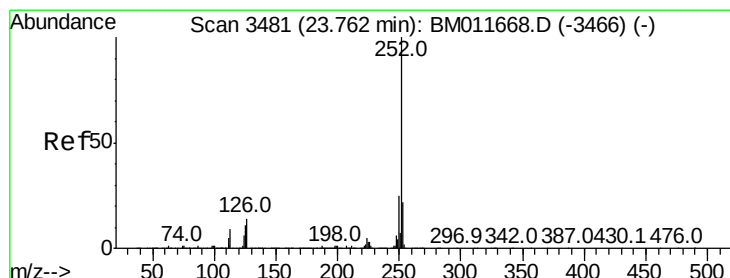
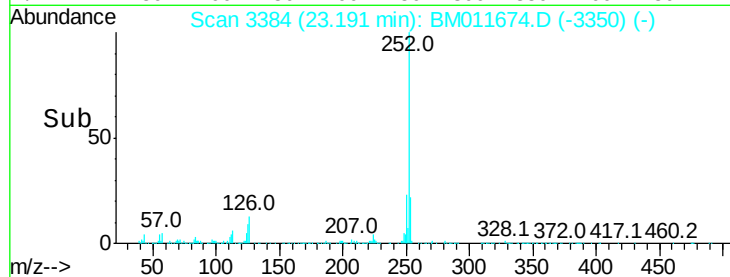
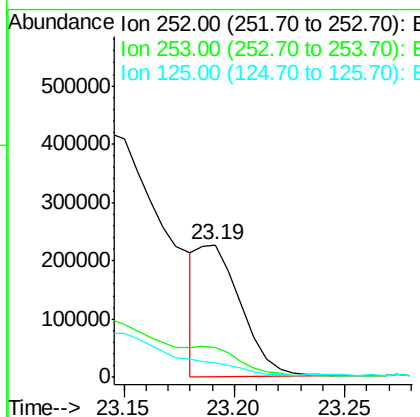
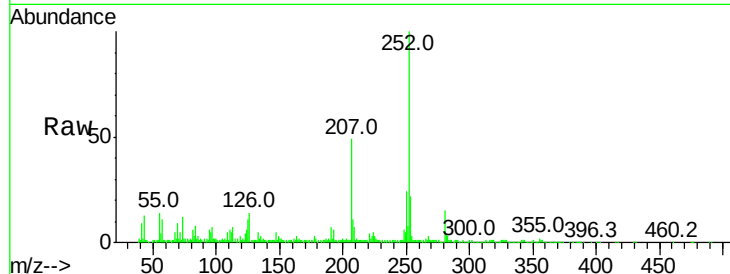
#89
Benzo(k)fluoranthene
Concen: 3.317 ng/ul m
RT: 23.19 min Scan# 3384
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Instrument :
BNA_M
ClientSampled :
CB3C3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.1	5.4	8.0#

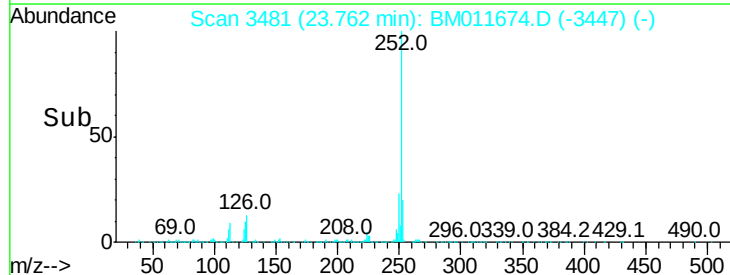
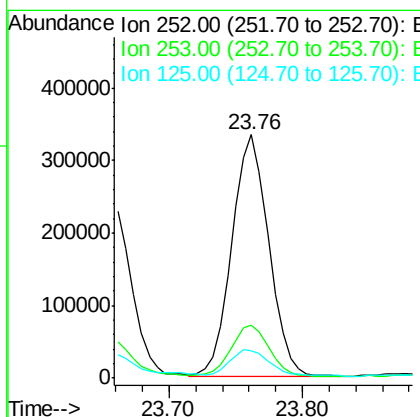
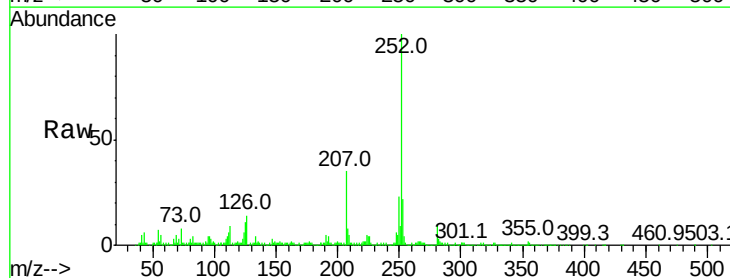
Manual Integrations
APPROVED

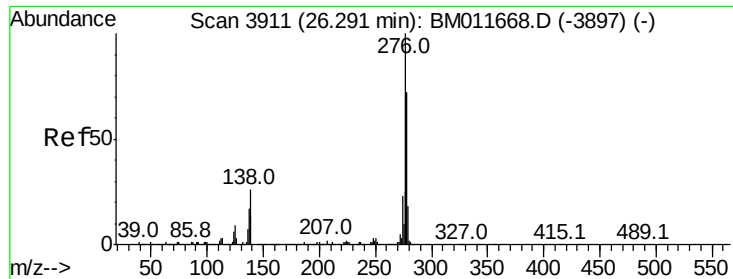
Sohil
9/22/2017 4:06:32 PM



#91
Benzo(a)pyrene
Concen: 6.942 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.3	5.8	8.6#





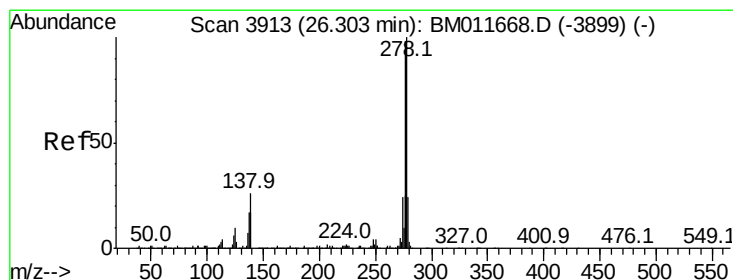
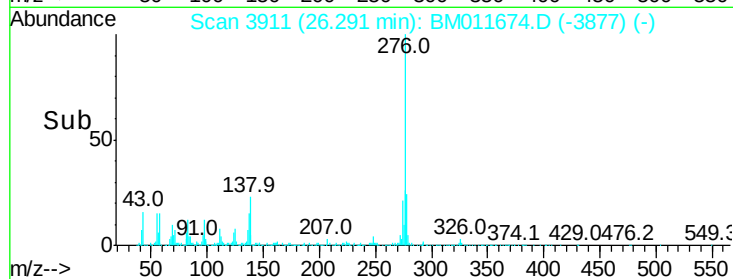
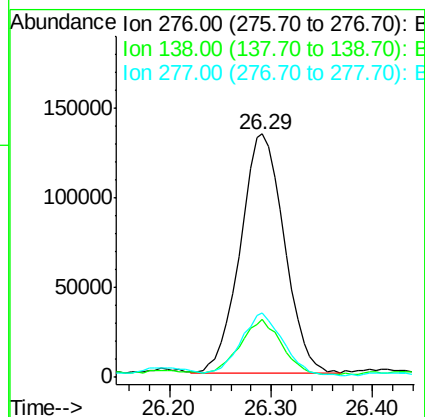
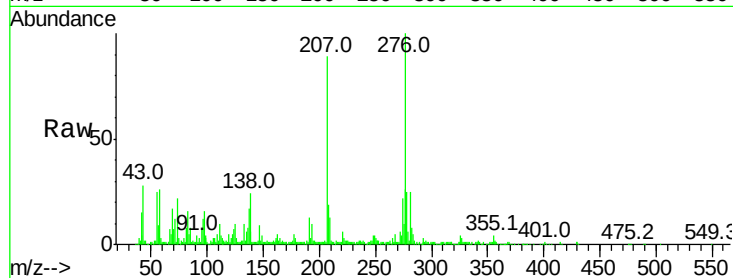
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.962 ng/ul
 RT: 26.29 min Scan# 3911
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

Instrument :
 BNA_M
 ClientSampleId :
 CB3C3

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	10.9	16.3#
277	26.4	18.9	28.3

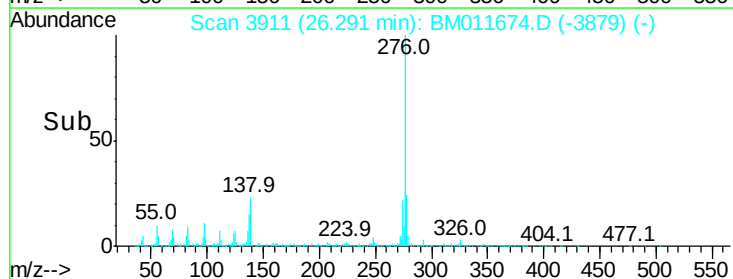
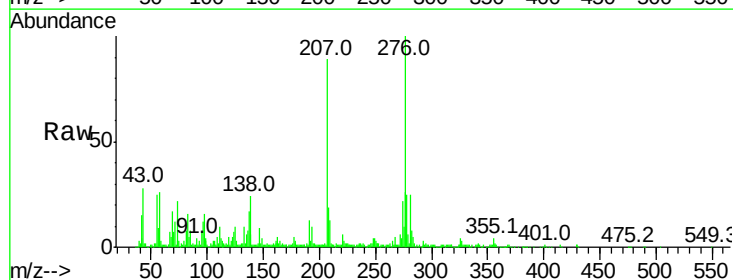
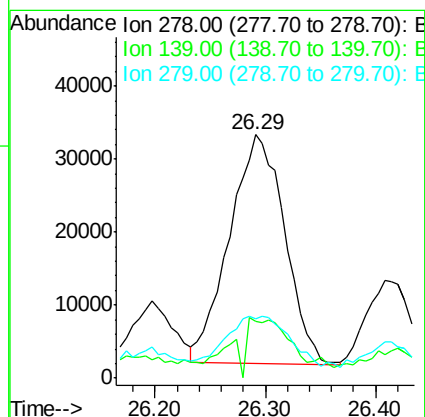
Manual Integrations
 APPROVED

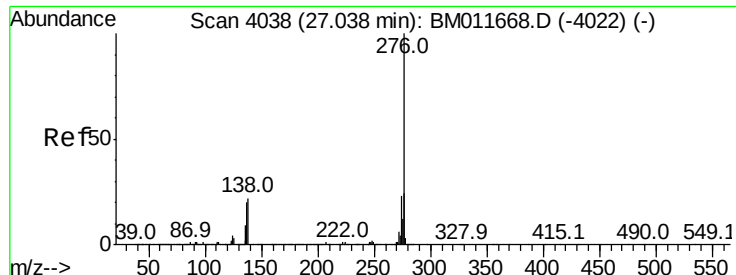
Sohil
 9/22/2017 4:06:32 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.283 ng/ul
 RT: 26.29 min Scan# 3911
 Delta R.T. -0.01 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	9.0	13.4#
279	24.3	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 4.701 ng/ul

RT: 27.04 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

ClientSampleId :

CB3C3

Tot Ion:	276	Resp:	384801
Ion Ratio	Lower	Upper	
276	100		
138	20.5	11.2	16.8#
277	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil

9/22/2017 4:06:32 PM

