

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011681.D
 Acq On : 22 Sep 2017 07:44
 Operator : SJ/JU
 Sample : I5287-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3J2

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:06:46 PM

Quant Time: Sep 22 09:34:07 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	493539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2150879	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1123769	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2277657	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2219855	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1861279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	24328	2.22	ng/uL	0.00
5) Phenol-d5	7.11	99	736835	15.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	510610	15.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	588890	16.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	520242	14.06	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	271072	16.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	281390	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	510707	14.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	149807	3.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1504584	15.84	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1818950	15.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	142292	7.97	ng/ul	0.00
58) Fluorene-d10	15.58	176	1250542	15.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	117563	8.87	ng/ul	0.00
71) Anthracene-d10	17.43	188	1802204	16.07	ng/ul	0.00
79) Pyrene-d10	19.72	212	2011838	19.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1455472	16.41	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.14	94	102691	2.183	ng/ul#	87
45) Dimethylphthalate	14.04	163	231699	2.547	ng/ul#	99
70) Phenanthrene	17.37	178	1205405	9.495	ng/ul	99
72) Anthracene	17.46	178	247782	1.902	ng/ul	98
77) Fluoranthene	19.38	202	1876396	14.370	ng/ul#	90
80) Pyrene	19.74	202	1731040	13.365	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	861558	7.049	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.39	149	96839	1.059	ng/ul	95
85) Chrysene	21.53	228	822916	7.427	ng/ul	98
88) Benzo(b)fluoranthene	23.15	252	954620	8.525	ng/ul#	91
89) Benzo(k)fluoranthene	23.19	252	287733m	2.676	ng/ul	
91) Benzo(a)pyrene	23.76	252	622088	5.886	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.29	276	406806	3.499	ng/ul#	91
93) Dibenzo(a,h)anthracene	26.30	278	107726	1.093	ng/ul#	84
94) Benzo(g,h,i)perylene	27.04	276	413310	4.390	ng/ul#	91

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

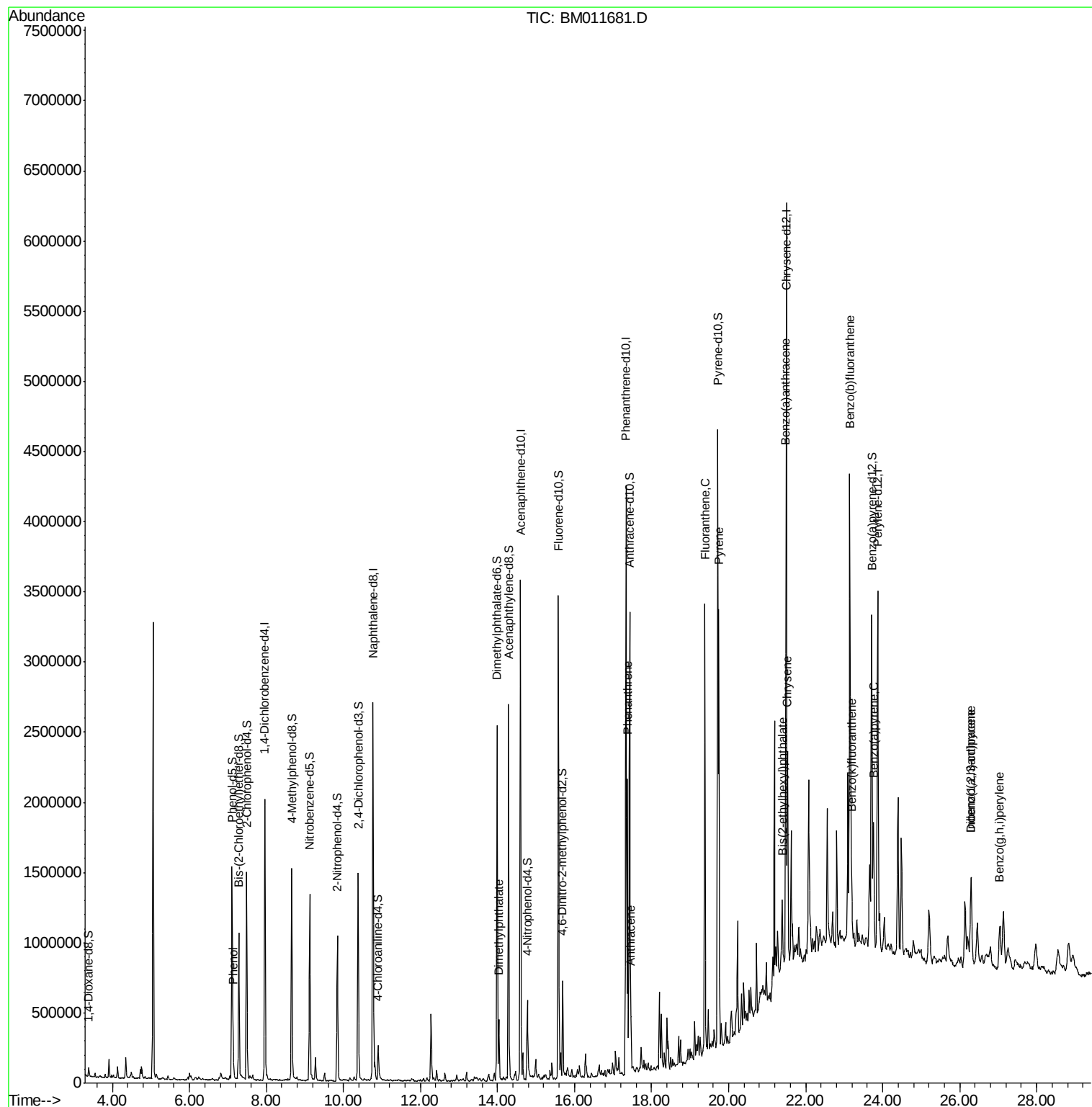
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011681.D
Acq On : 22 Sep 2017 07:44
Operator : SJ/JU
Sample : I5287-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

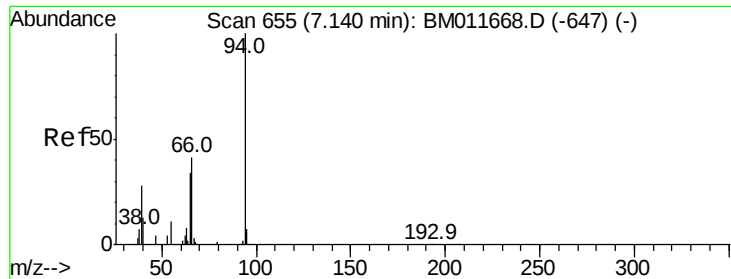
Instrument :
BNA_M
ClientSampled :
CB3J2

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Quant Time: Sep 22 09:34:07 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





#6

Phenol

Concen: 2.183 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

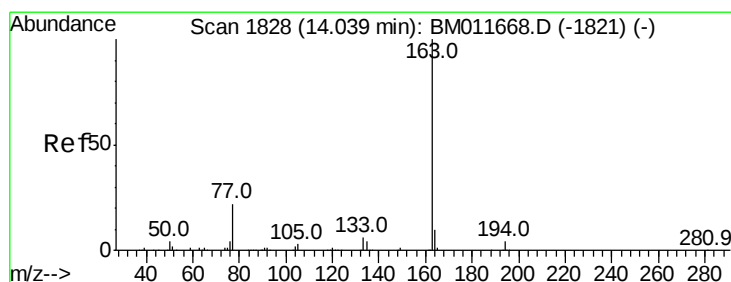
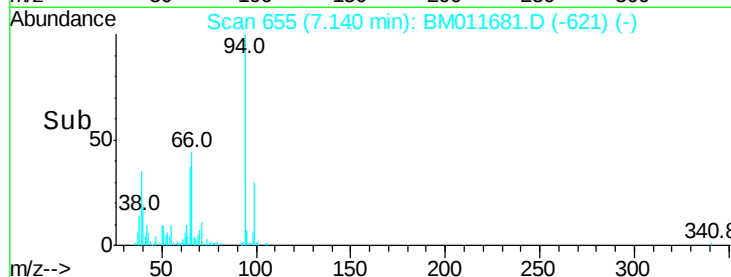
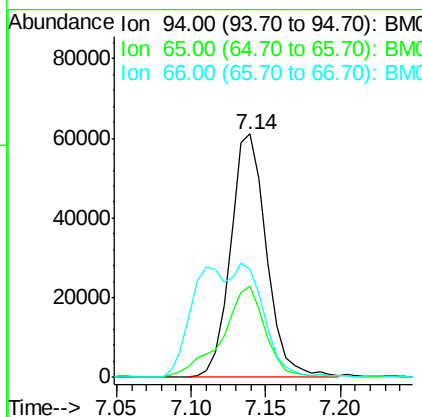
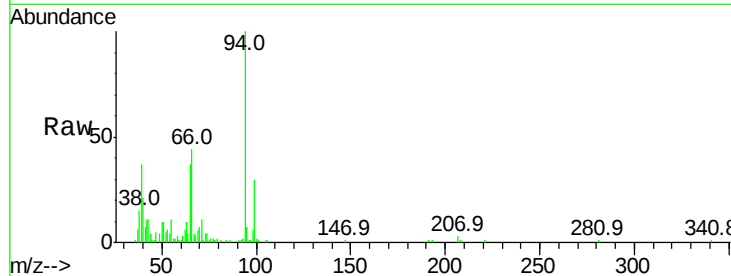
CB3J2

Tot Ion:	94	Resp:	102691
Ion Ratio	Lower	Upper	
94	100		
65	37.5	23.0	34.6#
66	44.2	30.4	45.6

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#45

Dimethylphthalate

Concen: 2.547 ng/ul

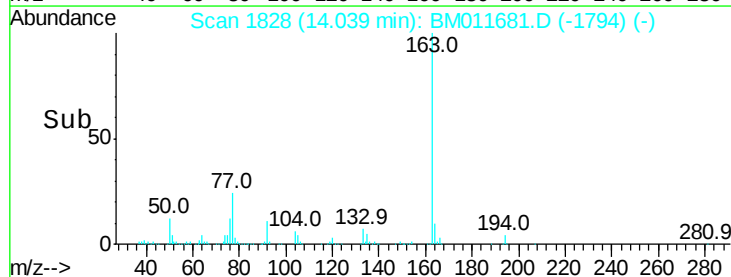
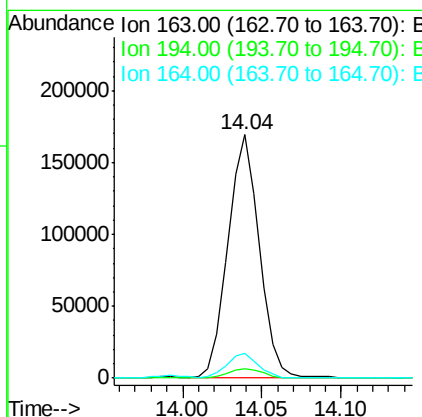
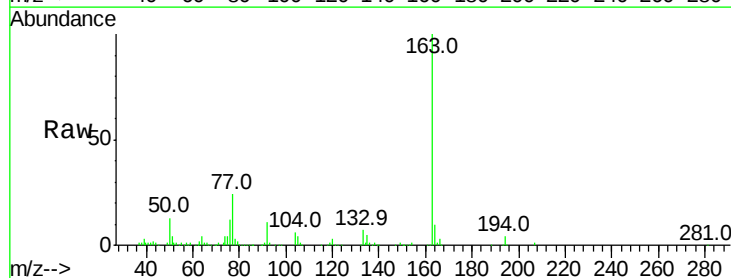
RT: 14.04 min Scan# 1828

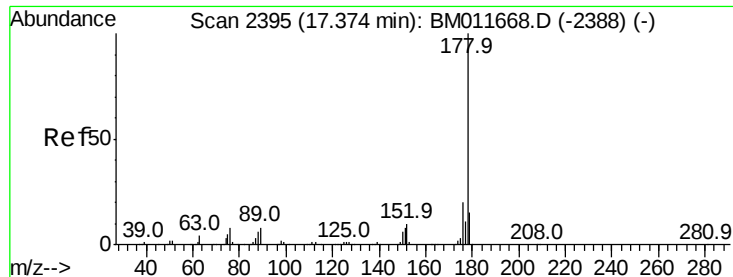
Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:	163	Resp:	231699
Ion Ratio	Lower	Upper	
163	100		
194	3.8	4.0	6.0#
164	10.4	8.4	12.6





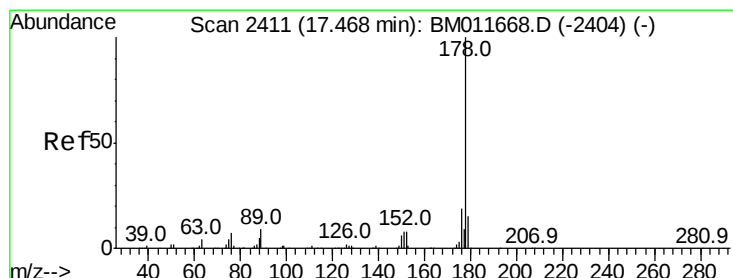
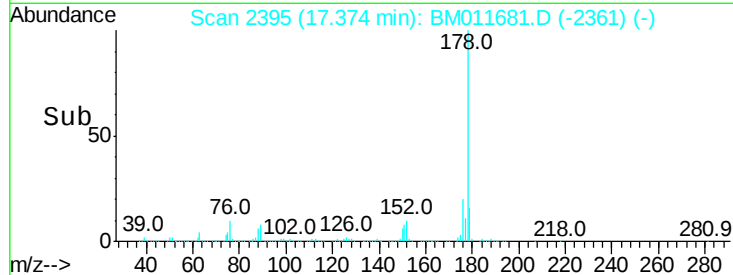
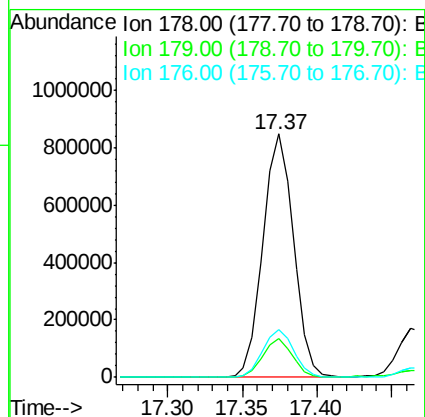
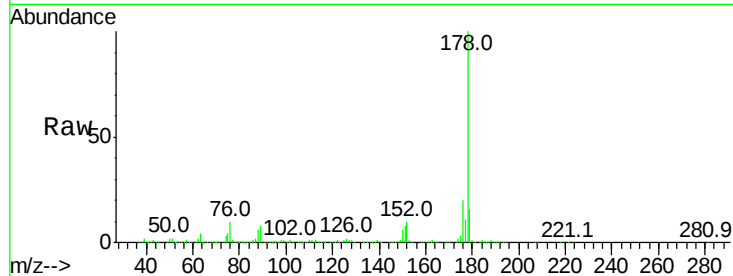
#70
Phenanthrene
Concen: 9.495 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011681.D
Acq: 22 Sep 2017 07:44

Instrument :
BNA_M
ClientSampled :
CB3J2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.4	23.0

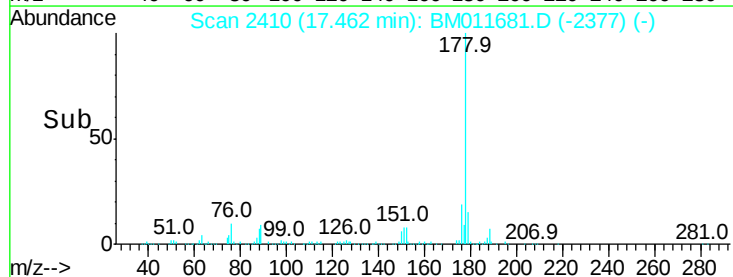
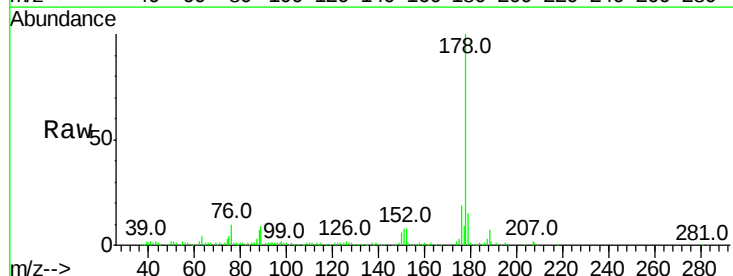
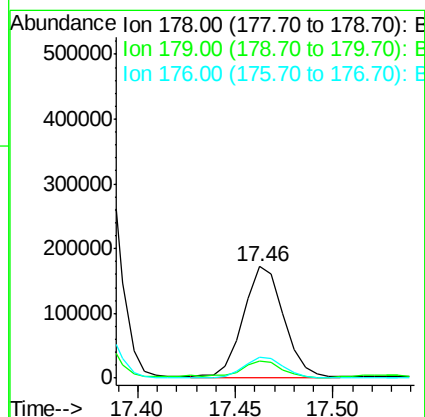
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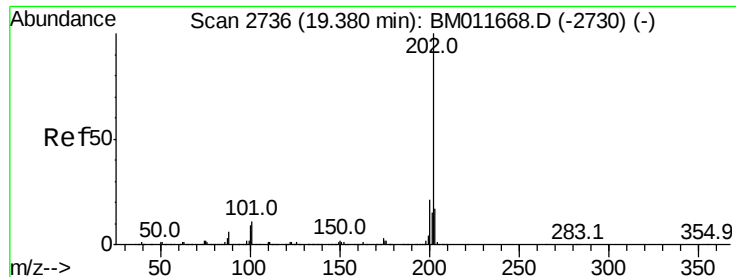
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#72
Anthracene
Concen: 1.902 ng/ul
RT: 17.46 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM011681.D
Acq: 22 Sep 2017 07:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.4	20.2
176	19.3	15.4	23.0





#77

Fluoranthene

Concen: 14.370 ng/ul

RT: 19.38 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

CB3J2

Tot Ion:202 Resp: 1876396

Ion Ratio Lower Upper

202 100

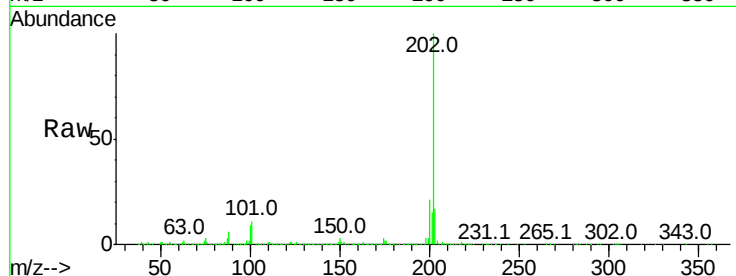
101 11.3 6.1 9.1#

100 8.6 4.6 7.0#

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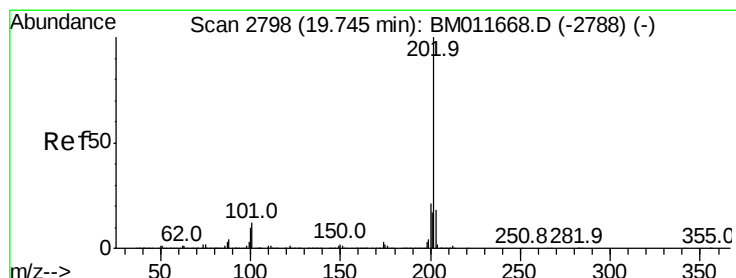
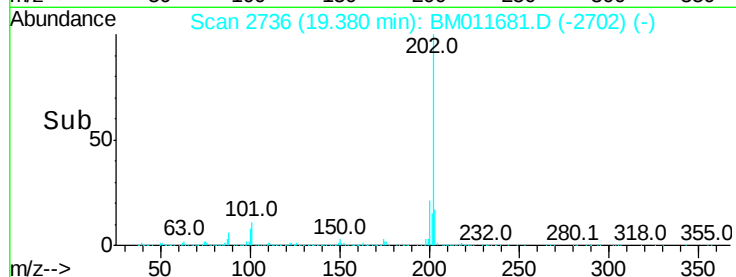
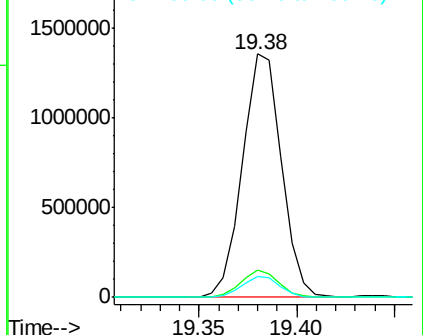
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 13.365 ng/ul

RT: 19.74 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:202 Resp: 1731040

Ion Ratio Lower Upper

202 100

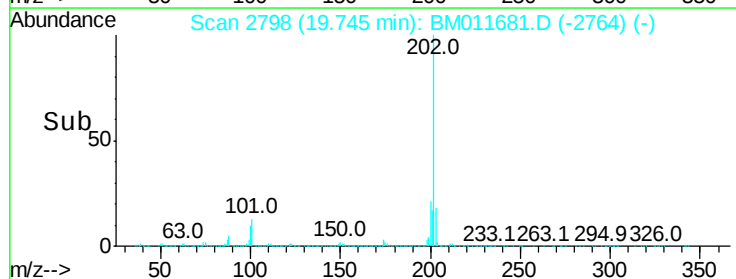
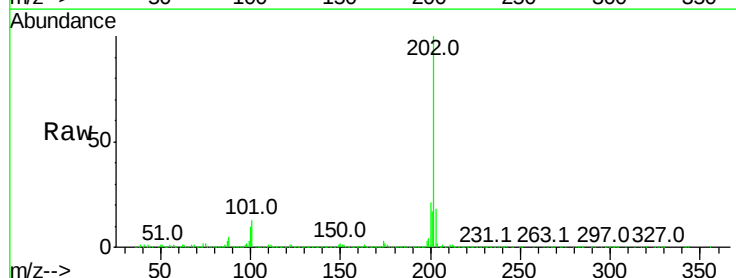
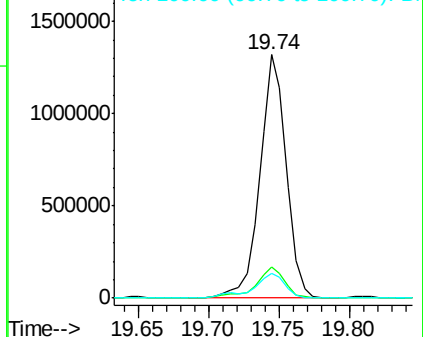
101 12.7 6.9 10.3#

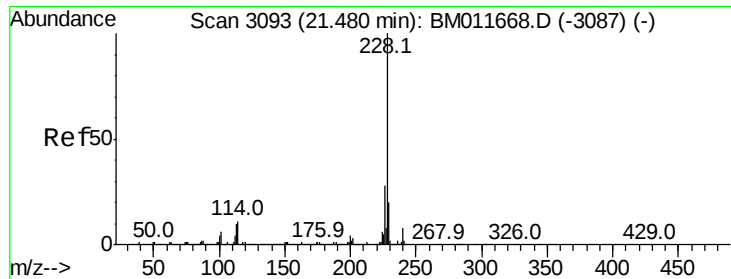
100 10.3 5.6 8.4#

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





#83

Benzo(a)anthracene

Concen: 7.049 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

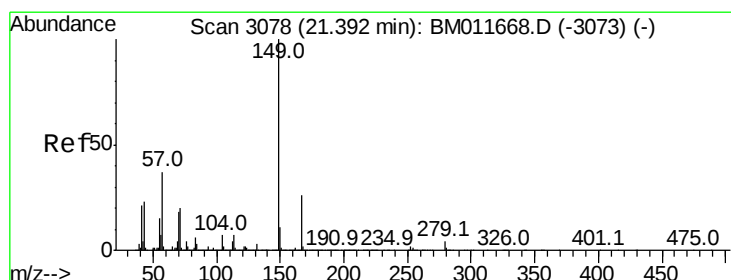
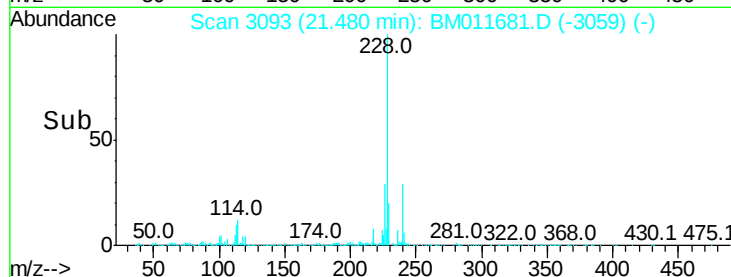
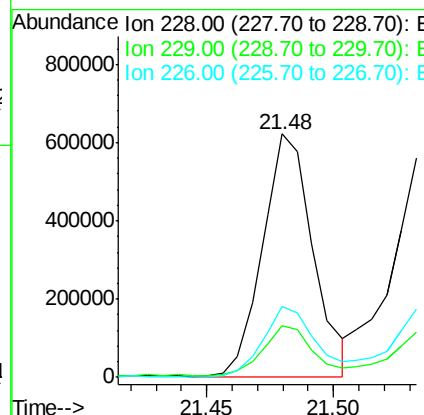
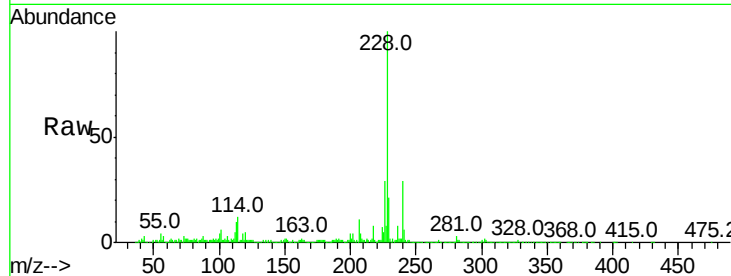
ClientSampleId :

CB3J2

Tot Ion:	228	Resp:	861558
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.0	24.0
226	29.2	21.8	32.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.059 ng/ul

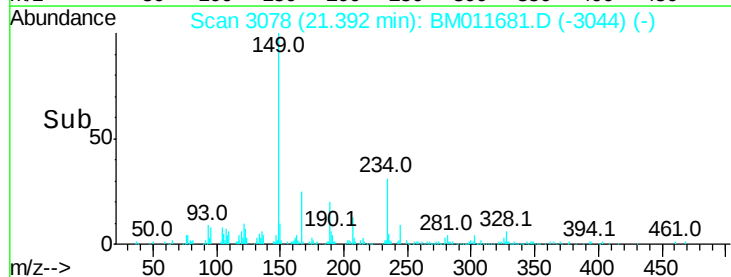
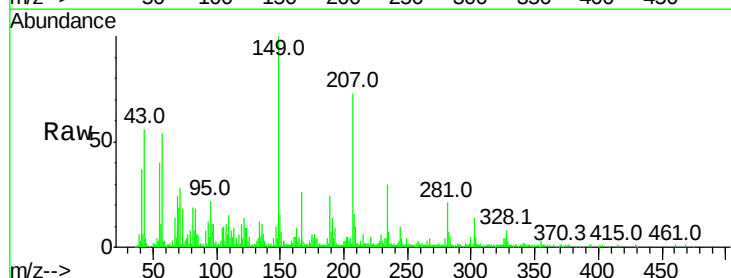
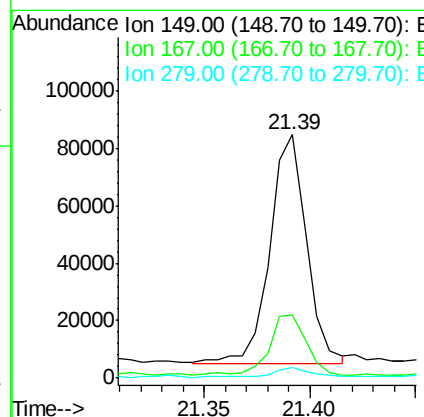
RT: 21.39 min Scan# 3078

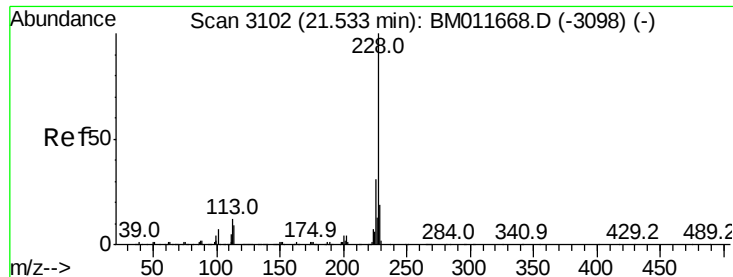
Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:	149	Resp:	96839
Ion Ratio	Lower	Upper	
149	100		
167	25.9	23.0	34.6
279	4.3	4.3	6.5





#85

Chrysene

Concen: 7.427 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

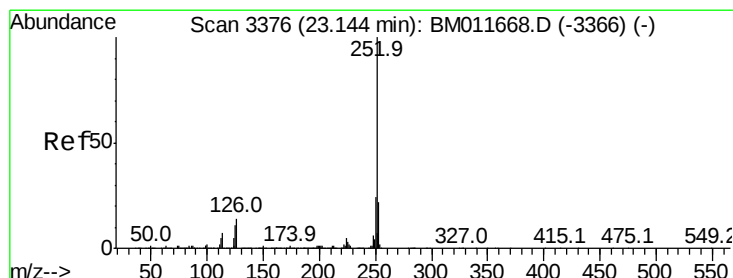
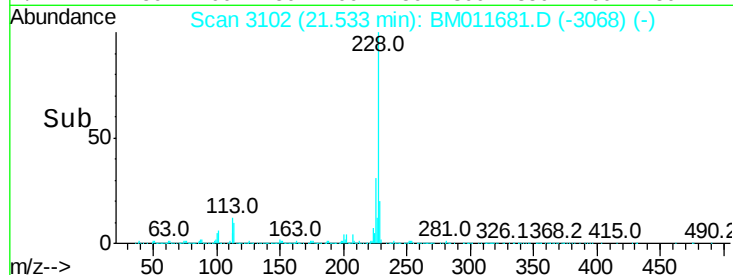
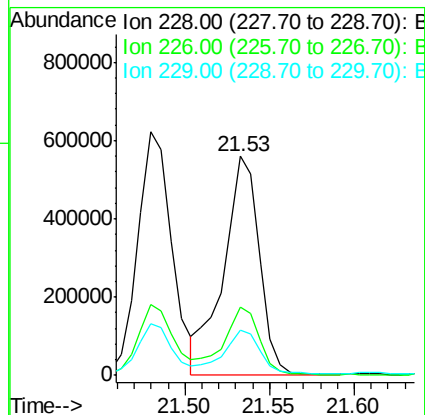
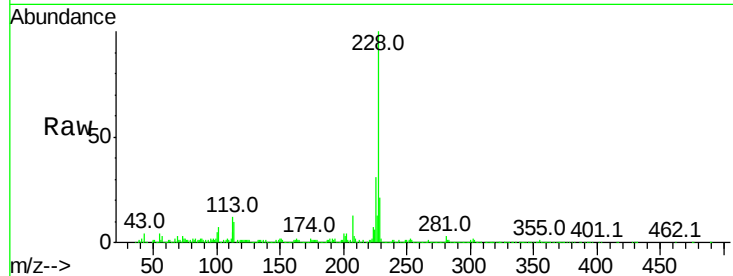
ClientSampleId :

CB3J2

Tot Ion:	228	Resp:	822916
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.1	36.1
229	20.5	16.0	24.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 8.525 ng/ul

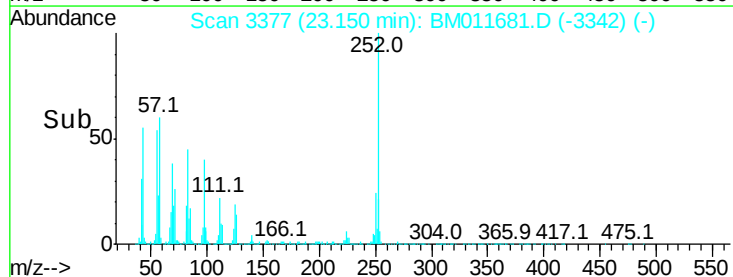
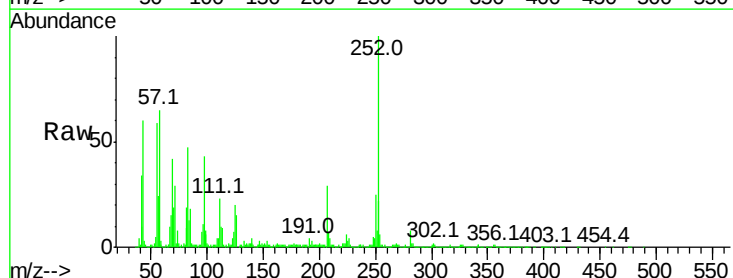
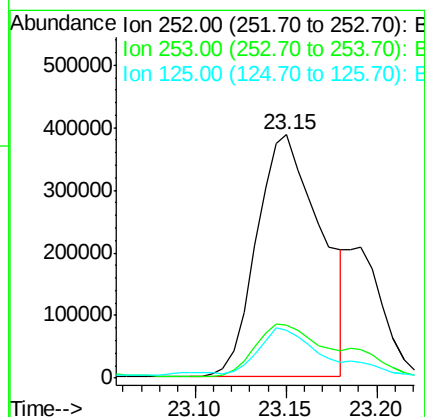
RT: 23.15 min Scan# 3377

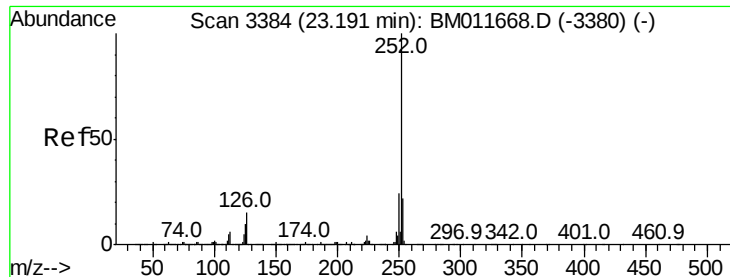
Delta R.T. 0.01 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:	252	Resp:	954620
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	19.7	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 2.676 ng/ul m

RT: 23.19 min Scan# 3384

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

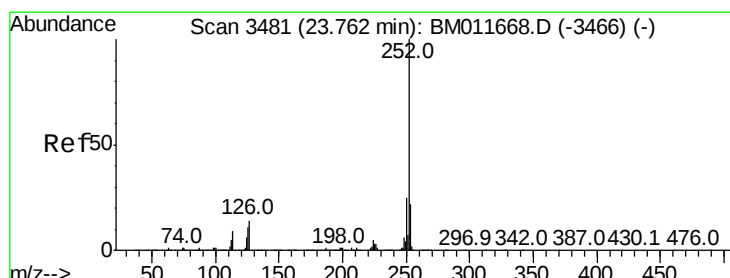
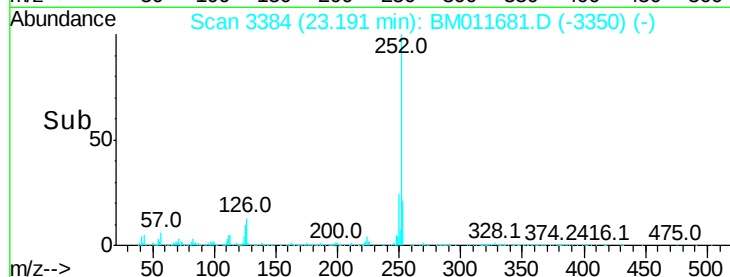
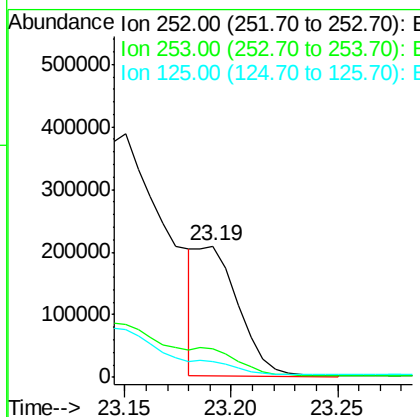
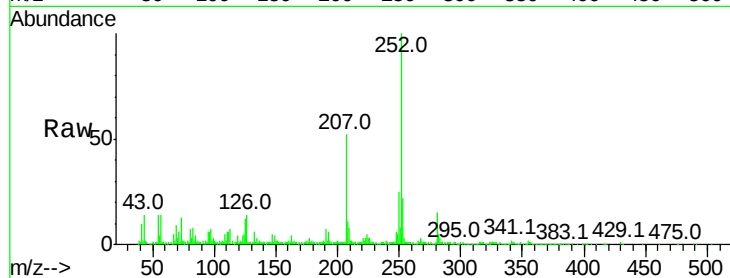
ClientSampled :

CB3J2

Tot Ion:	252	Resp:	287733
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	12.4	5.4	8.0#

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#91

Benzo(a)pyrene

Concen: 5.886 ng/ul

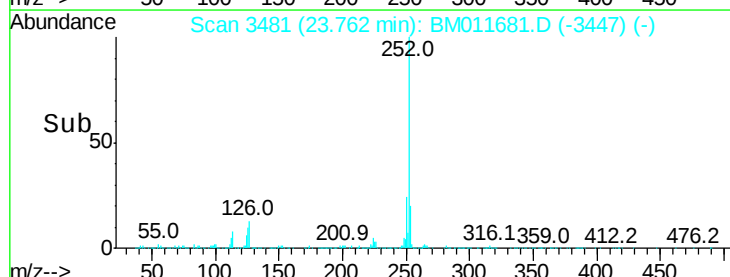
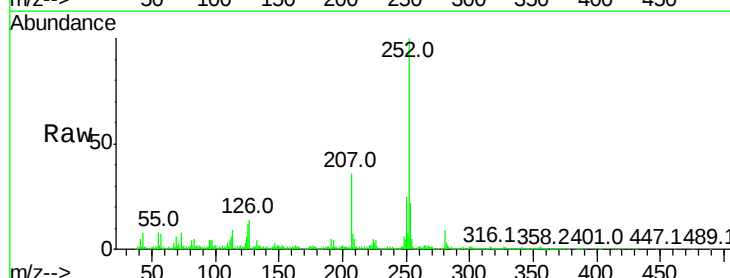
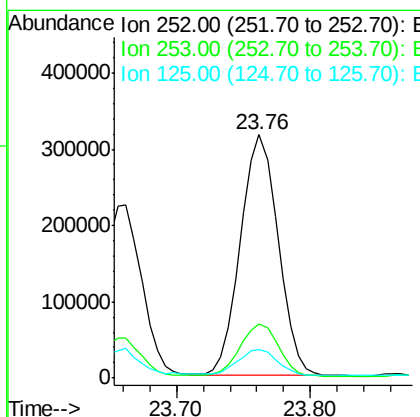
RT: 23.76 min Scan# 3481

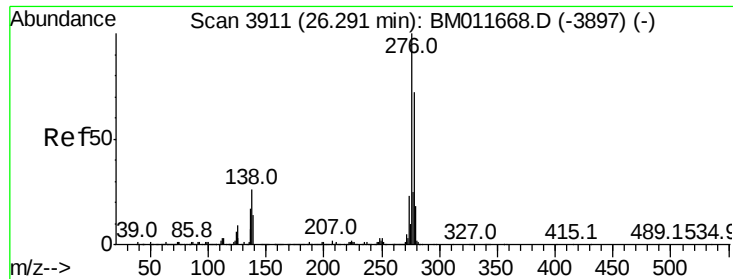
Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:	252	Resp:	622088
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	11.9	5.8	8.6#





#92

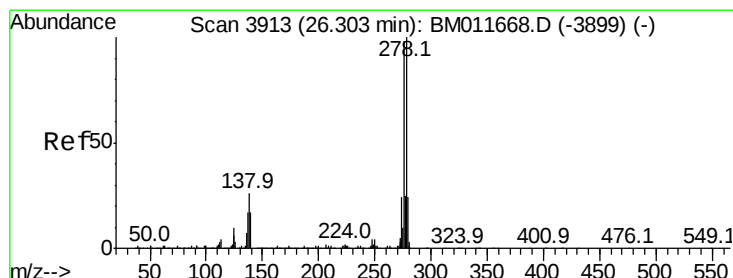
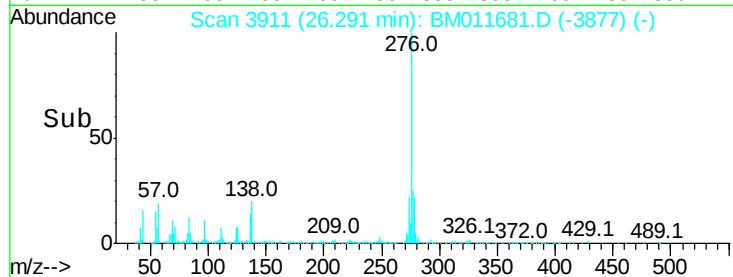
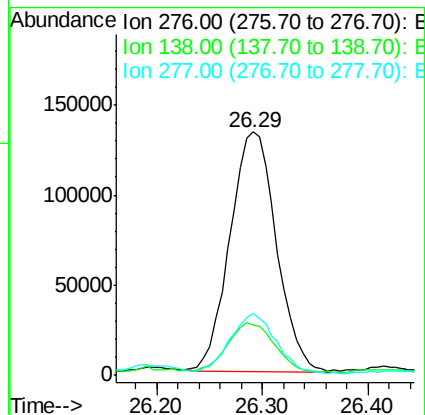
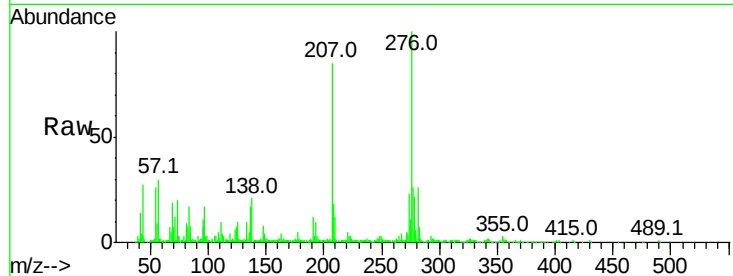
Indeno(1,2,3-cd)pyrene
Concen: 3.499 ng/ul
RT: 26.29 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM011681.D
Acq: 22 Sep 2017 07:44

Instrument :
BNA_M
Client Sampled :
CB3J2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	10.9	16.3#
277	25.6	18.9	28.3

Manual Integrations
APPROVED

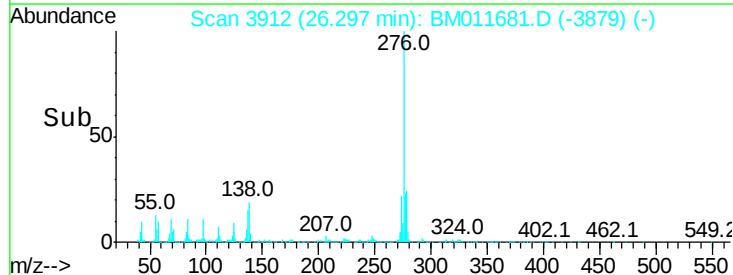
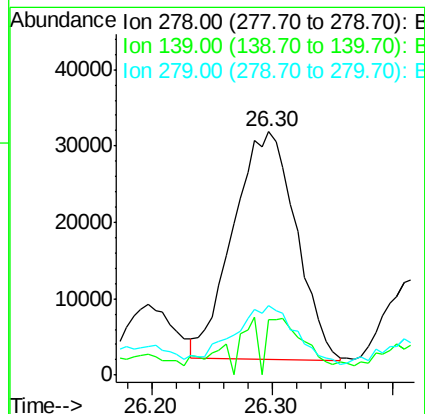
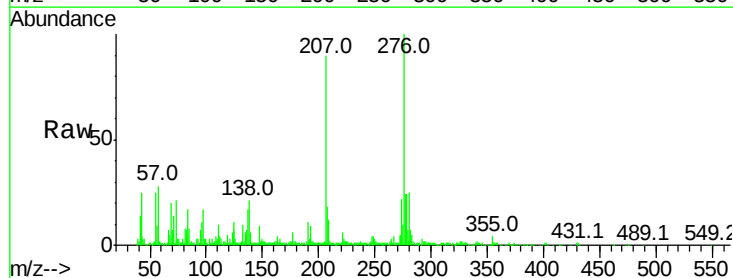
Sohil
9/22/2017 4:06:46 PM

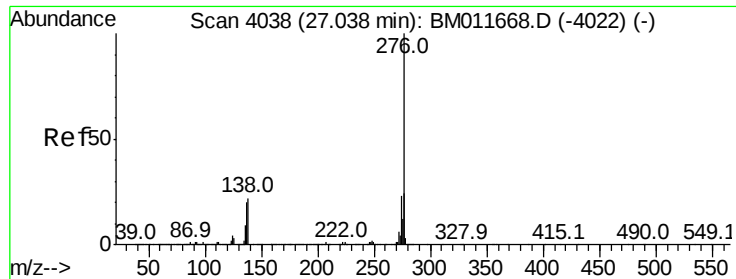


#93

Dibenzo(a,h)anthracene
Concen: 1.093 ng/ul
RT: 26.30 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM011681.D
Acq: 22 Sep 2017 07:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	9.0	13.4#
279	28.3	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 4.390 ng/ul

RT: 27.04 min Scan# 4038

Delta R.T. 0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

CB3J2

Tot Ion:	276	Resp:	413310
Ion Ratio	Lower	Upper	
276	100		
138	22.2	11.2	16.8#
277	22.6	19.0	28.6

Manual Integrations
APPROVED

Sohil

9/22/2017 4:06:46 PM

